

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118200.D
 Acq On : 16 Dec 2019 16:51
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 17 01:05:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136107	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	510392	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	264456	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	482329	20.00	ng	0.00
76) Chrysene-d12	14.06	240	326247	20.00	ng	0.00
87) Perylene-d12	15.55	264	276909	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	612667	78.84	ng	0.00
7) Phenol-d6	6.50	99	743485	79.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	710647	78.33	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	234941	73.13	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1381435	79.49	ng	0.00
79) Terphenyl-d14	13.00	244	1452920	76.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	127456	38.898	ng	99
3) Pyridine	3.39	79	326268	38.594	ng	99
4) n-Nitrosodimethylamine	3.35	42	139066	38.239	ng	99
6) Aniline	6.53	93	473333	39.368	ng	99
8) 2-Chlorophenol	6.65	128	341890	39.017	ng	97
9) Benzaldehyde	6.42	77	191255	38.822	ng	95
10) Phenol	6.51	94	420242	39.204	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	294438	37.979	ng	96
12) 1,3-Dichlorobenzene	6.80	146	399121	38.991	ng	98
13) 1,4-Dichlorobenzene	6.89	146	408075	39.591	ng	95
14) 1,2-Dichlorobenzene	7.04	146	379708	39.227	ng	99
15) Benzyl Alcohol	7.01	79	285539	38.917	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	347069	37.233	ng	96
17) 2-Methylphenol	7.12	107	272566	39.110	ng	99
18) Hexachloroethane	7.38	117	146939	38.688	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	216979	37.990	ng	96
20) 3+4-Methylphenols	7.27	107	346703	39.605	ng	89
22) Acetophenone	7.28	105	483002	39.390	ng	# 94
24) Nitrobenzene	7.45	77	344111	38.606	ng	98
25) Isophorone	7.69	82	579898	37.706	ng	98
26) 2-Nitrophenol	7.77	139	184169	38.657	ng	96
27) 2,4-Dimethylphenol	7.80	122	242682	38.188	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	385982	38.408	ng	99
29) 2,4-Dichlorophenol	8.02	162	285974	38.602	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	338410	39.087	ng	99
31) Naphthalene	8.17	128	1010602	39.426	ng	99
32) Benzoic acid	7.94	122	229224	39.949	ng	95
33) 4-Chloroaniline	8.23	127	423225	38.239	ng	96
34) Hexachlorobutadiene	8.29	225	201400	38.793	ng	99
35) Caprolactam	8.60	113	88224	38.616	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	297809	38.199	ng	97
37) 2-Methylnaphthalene	8.87	142	671174	38.676	ng	99
38) 1-Methylnaphthalene	8.97	142	631281	38.743	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	313095	39.081	ng	99

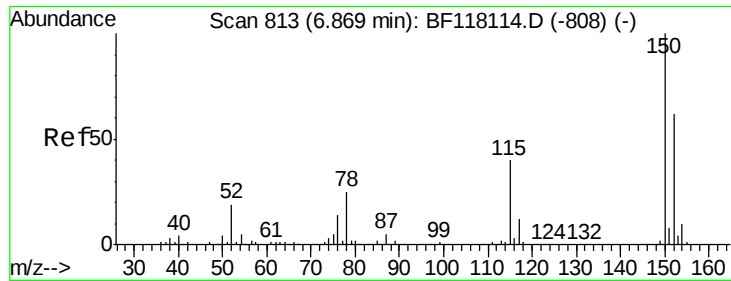
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	141502	39.422	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	205480	38.415	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	210956	38.066	ng	96
46) 1,1'-Biphenyl	9.33	154	824305	39.521	ng	99
47) 2-Chloronaphthalene	9.36	162	657230	39.173	ng	98
48) 2-Nitroaniline	9.46	65	186662	39.013	ng	98
49) Acenaphthylene	9.78	152	976392	39.456	ng	99
50) Dimethylphthalate	9.63	163	737330	37.746	ng	99
51) 2,6-Dinitrotoluene	9.70	165	160709	37.836	ng	94
52) Acenaphthene	9.95	154	578480	38.299	ng	99
53) 3-Nitroaniline	9.87	138	189937	37.997	ng	99
54) 2,4-Dinitrophenol	9.98	184	91685	43.387	ng	97
55) Dibenzofuran	10.12	168	873757	39.480	ng	100
56) 4-Nitrophenol	10.03	139	122257	35.242	ng	96
57) 2,4-Dinitrotoluene	10.11	165	221011	38.984	ng	92
58) Fluorene	10.47	166	681954	38.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	170932	37.386	ng	99
60) Diethylphthalate	10.33	149	712102	37.000	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	336048	37.974	ng	96
62) 4-Nitroaniline	10.49	138	193873	37.187	ng	97
63) Azobenzene	10.62	77	622123	37.866	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	95248	35.758	ng	88
66) n-Nitrosodiphenylamine	10.57	169	589397	39.131	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	205461	37.317	ng	95
68) Hexachlorobenzene	11.02	284	247319	38.163	ng	# 91
69) Atrazine	11.10	200	170792	41.342	ng	99
70) Pentachlorophenol	11.22	266	104132	34.168	ng	98
71) Phenanthrene	11.43	178	1001648	39.066	ng	99
72) Anthracene	11.49	178	1001349	39.149	ng	100
73) Carbazole	11.64	167	897499	39.108	ng	99
74) Di-n-butylphthalate	11.97	149	1032461	35.948	ng	99
75) Fluoranthene	12.63	202	999781	38.139	ng	98
77) Benzidine	12.75	184	322692	37.573	ng	99
78) Pyrene	12.86	202	1008038	39.208	ng	99
80) Butylbenzylphthalate	13.47	149	421781	36.225	ng	100
81) Benzo(a)anthracene	14.05	228	860329	38.137	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	280081	37.804	ng	99
83) Chrysene	14.09	228	826498	38.355	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	521440	33.963	ng	100
85) Di-n-octyl phthalate	14.64	149	771053	33.153	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	658762	36.333	ng	100
88) Benzo(b)fluoranthene	15.11	252	716875	39.144	ng	99
89) Benzo(k)fluoranthene	15.14	252	685024	38.936	ng	100
90) Benzo(a)pyrene	15.49	252	617217	38.160	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	537574	38.749	ng	99
92) Benzo(g,h,i)perylene	17.52	276	527292	39.553	ng	96

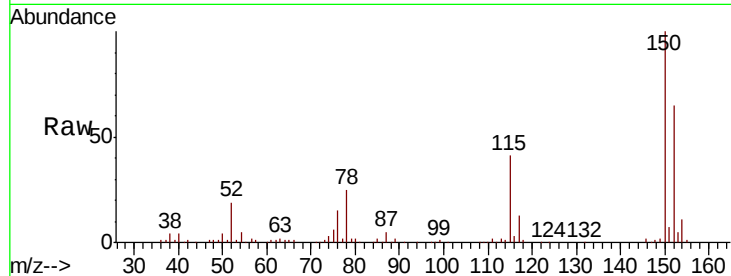
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.3	192.5
115	62.8	51.1	76.7

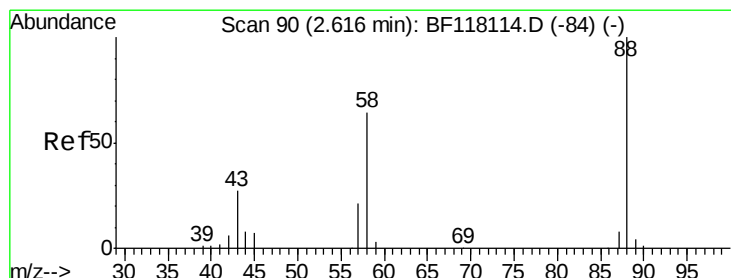
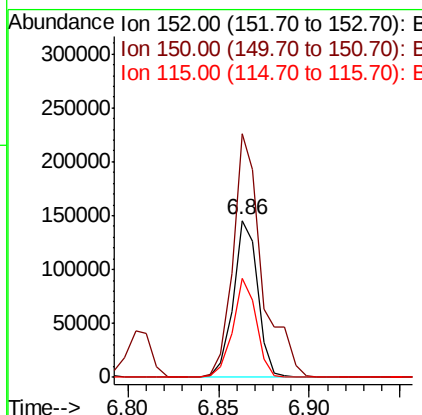
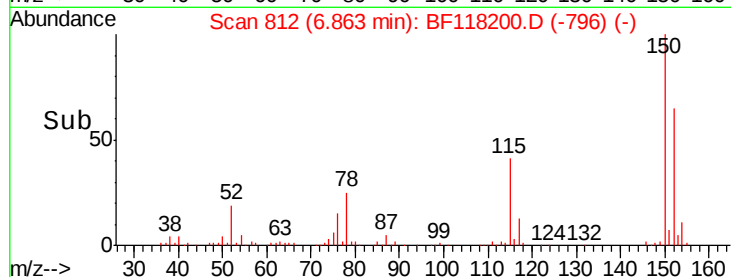


Abundance

Ion 152.00 (151.70 to 152.70): E

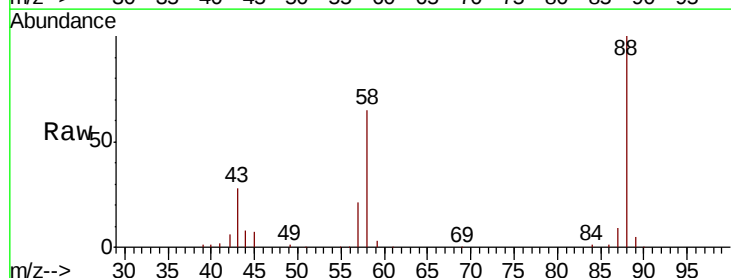
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 38.898 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	52.2	78.4
43	27.7	21.4	32.2

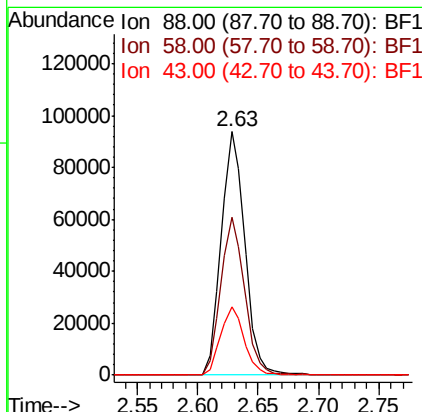
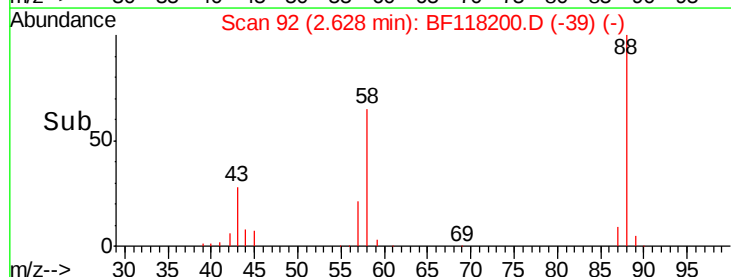


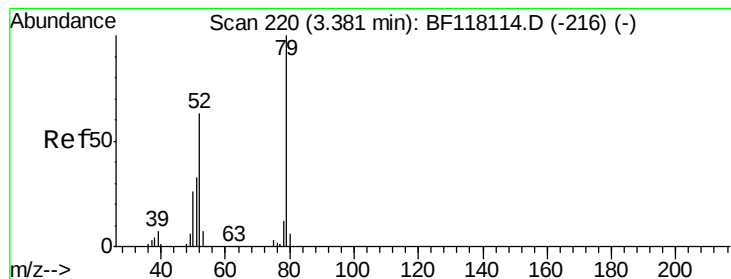
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.594 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

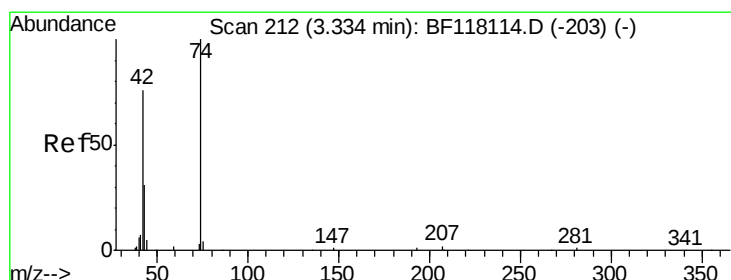
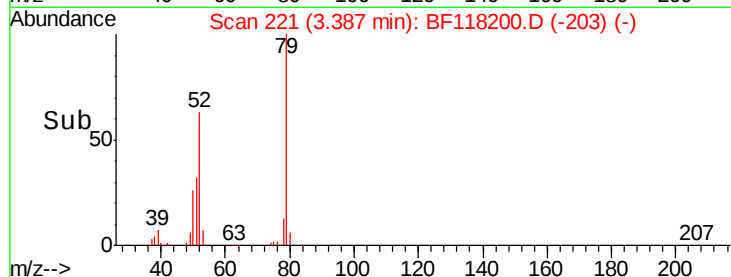
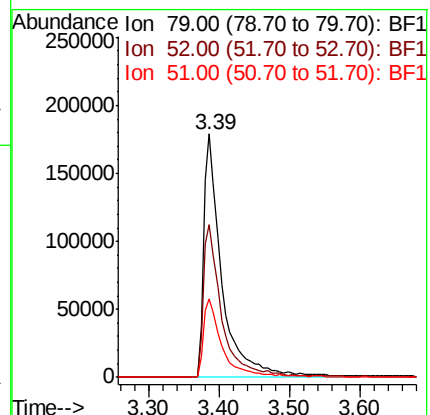
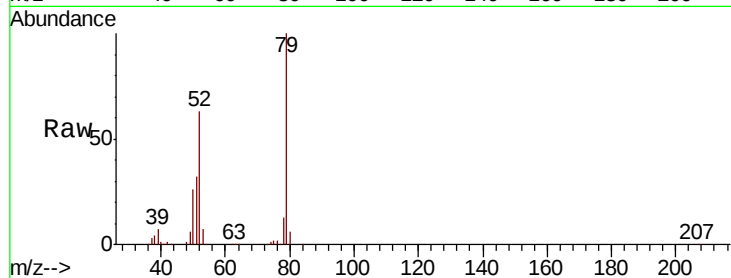
Tot Ion: 79 Resp: 326268

Ion Ratio Lower Upper

79 100

52 62.5 50.7 76.1

51 32.4 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 38.239 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

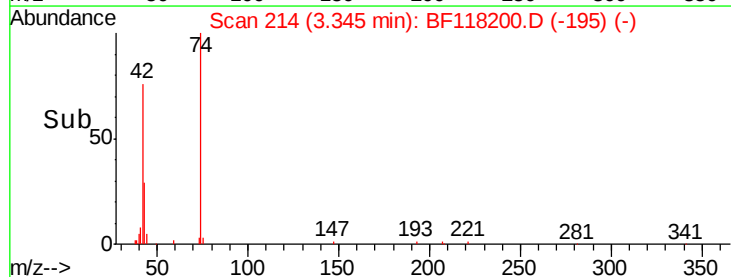
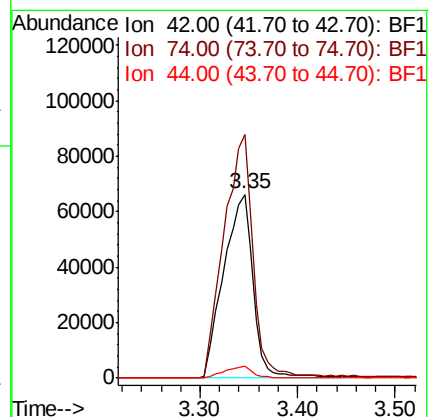
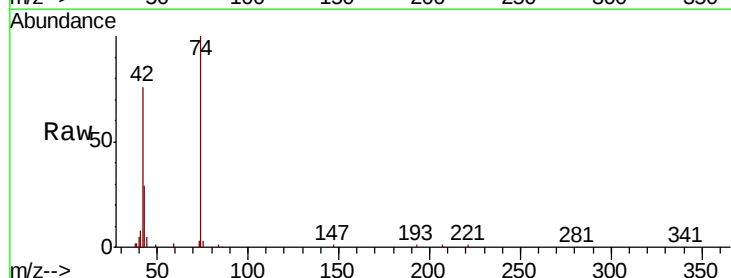
Tgt Ion: 42 Resp: 139066

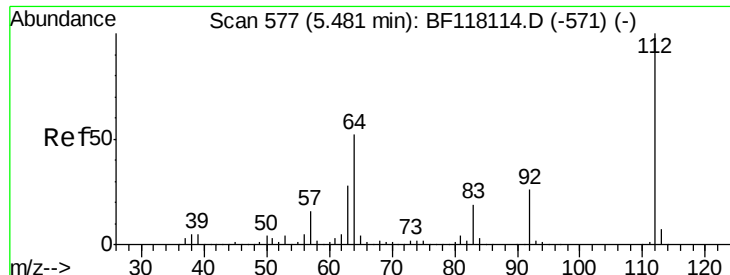
Ion Ratio Lower Upper

42 100

74 132.2 104.6 157.0

44 6.5 5.1 7.7





#5

2-Fluorophenol

Concen: 78.840 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

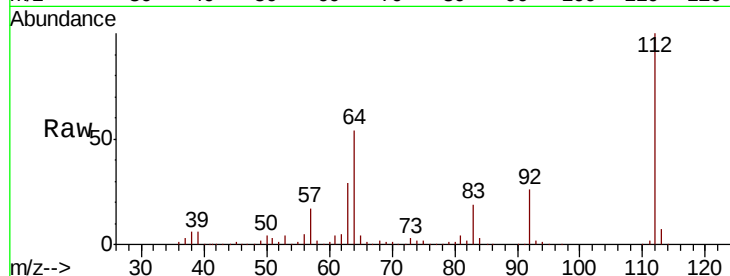
Tot Ion: 112 Resp: 612667

Ion Ratio Lower Upper

112 100

64 53.5 41.3 61.9

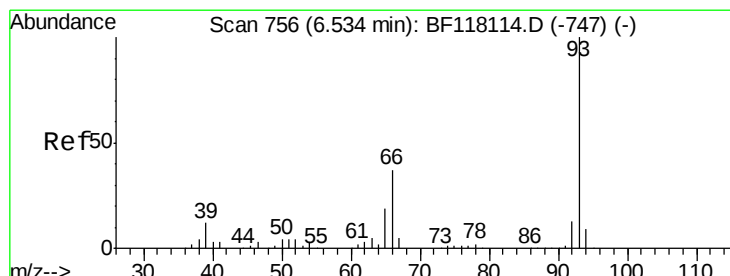
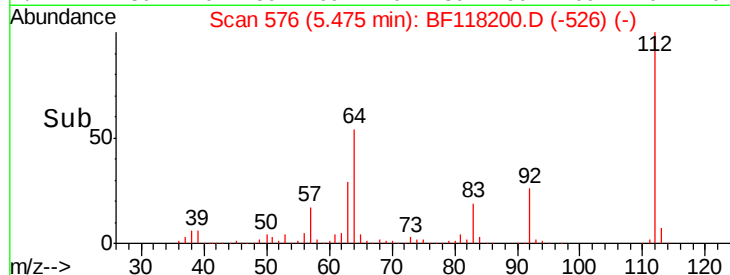
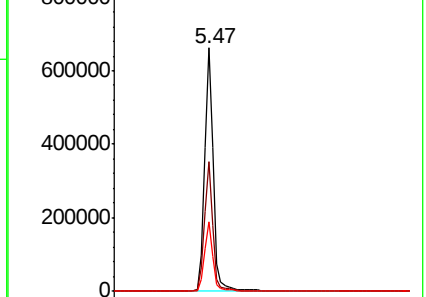
63 28.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.368 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

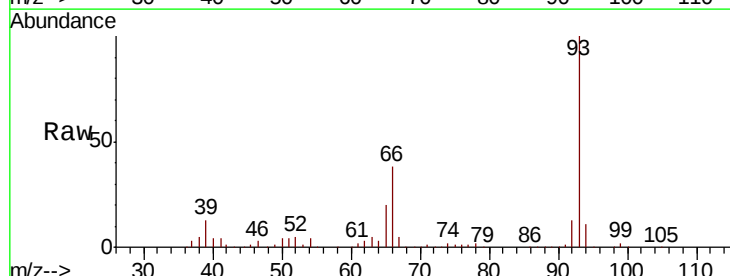
Tgt Ion: 93 Resp: 473333

Ion Ratio Lower Upper

93 100

66 38.4 30.2 45.2

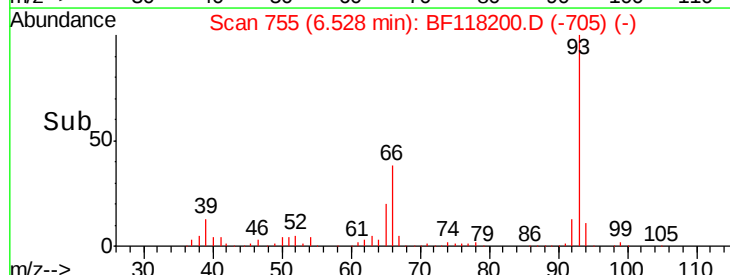
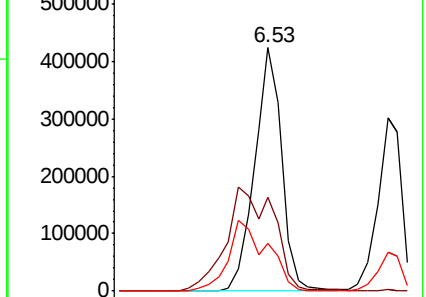
65 19.9 15.5 23.3

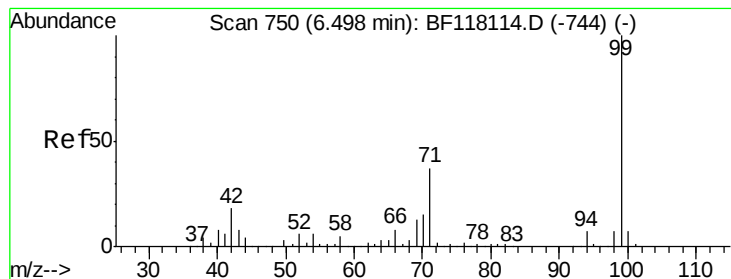


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.100 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

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BNA_F

ClientSampleId :

SSTDCCC040

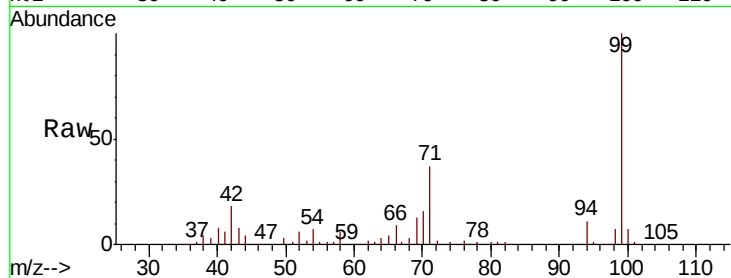
Tot Ion: 99 Resp: 743485

Ion Ratio Lower Upper

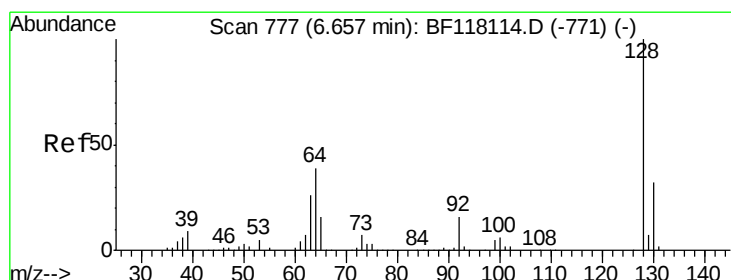
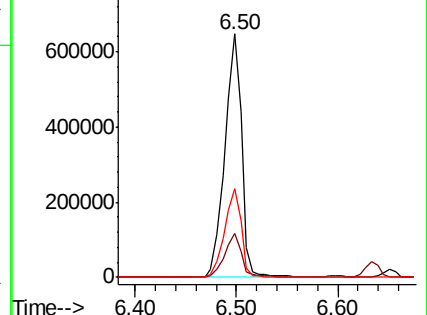
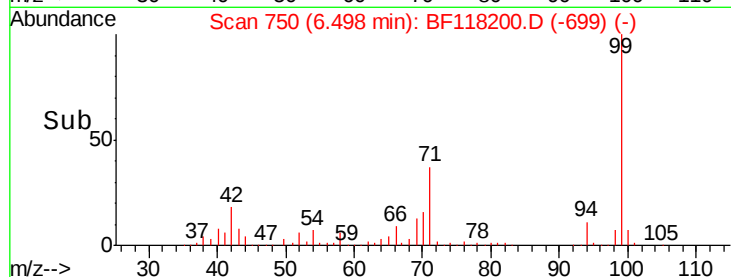
99 100

42 17.9 14.1 21.1

71 36.6 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.017 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

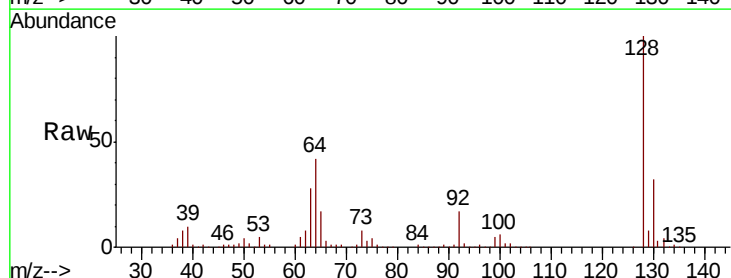
Tgt Ion: 128 Resp: 341890

Ion Ratio Lower Upper

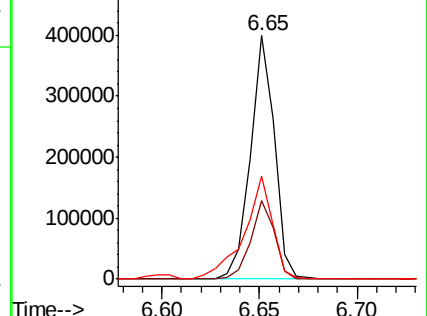
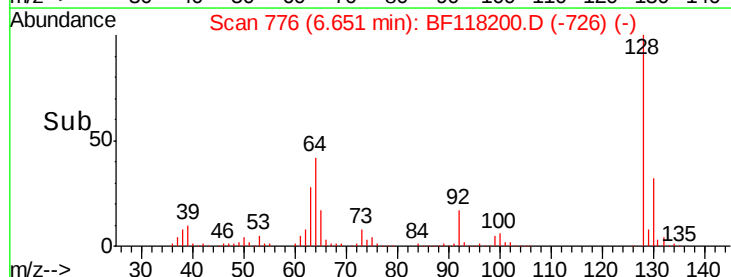
128 100

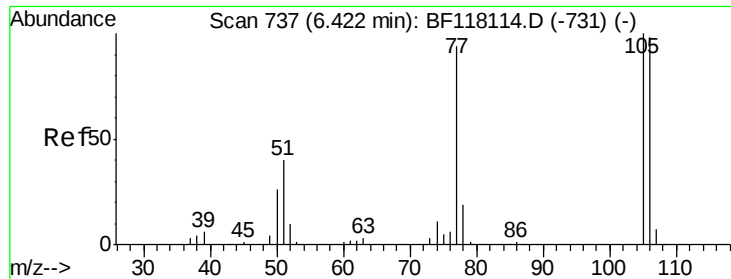
130 32.2 12.1 52.1

64 42.3 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.822 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

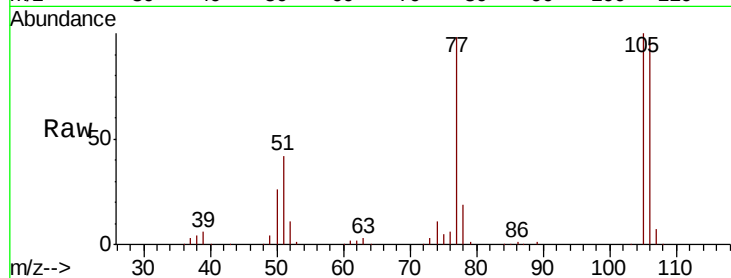
Tot Ion: 77 Resp: 191255

Ion Ratio Lower Upper

77 100

105 102.0 86.4 126.4

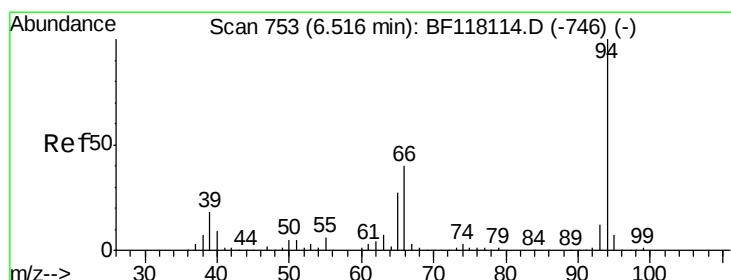
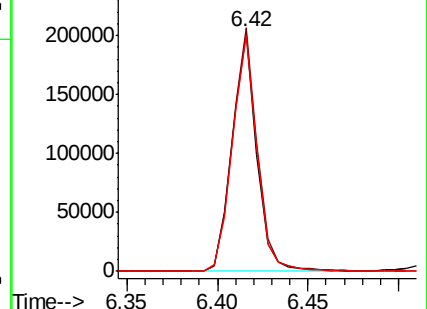
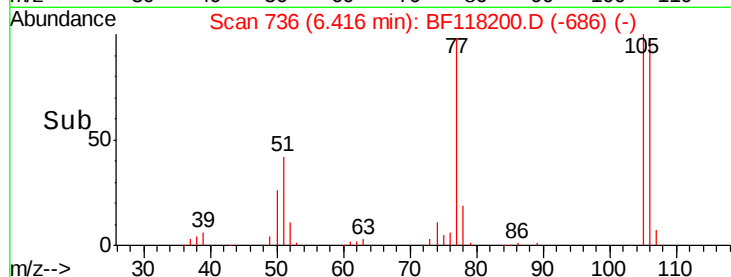
106 98.9 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.204 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

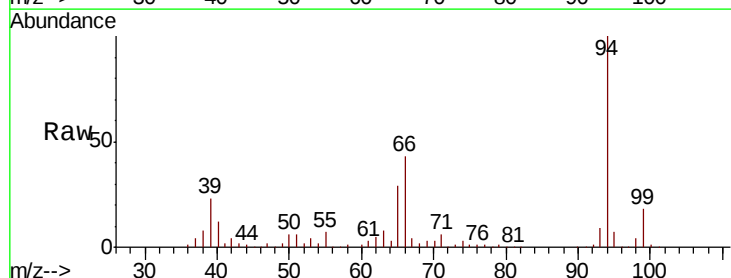
Tgt Ion: 94 Resp: 420242

Ion Ratio Lower Upper

94 100

65 29.1 7.3 47.3

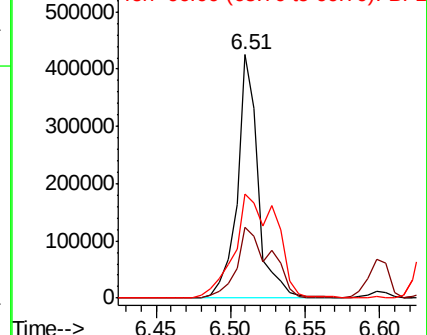
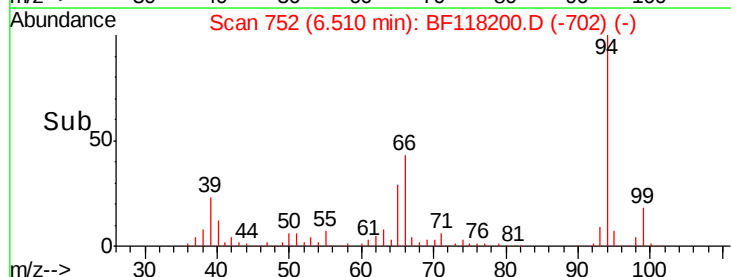
66 42.6 20.2 60.2

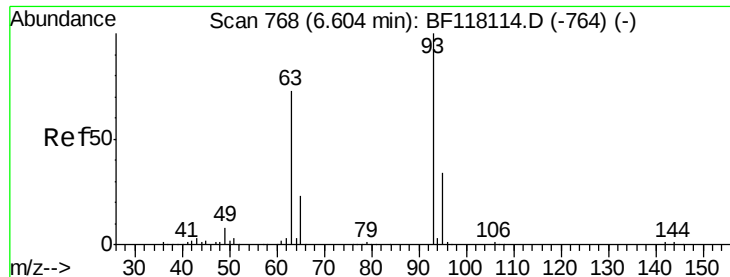


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

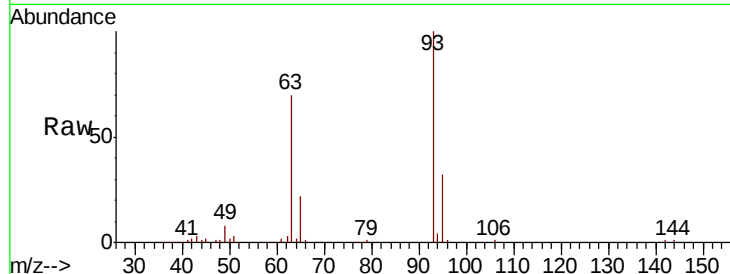




#11
bis(2-Chloroethyl)ether
Concen: 37.979 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	294438
Ion Ratio	Lower	Upper	
93	100		
63	70.0	53.2	93.2
95	32.0	13.8	53.8

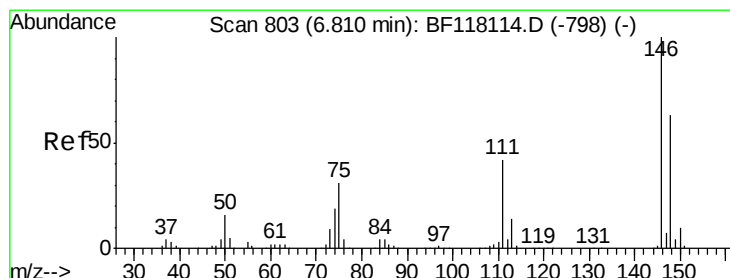
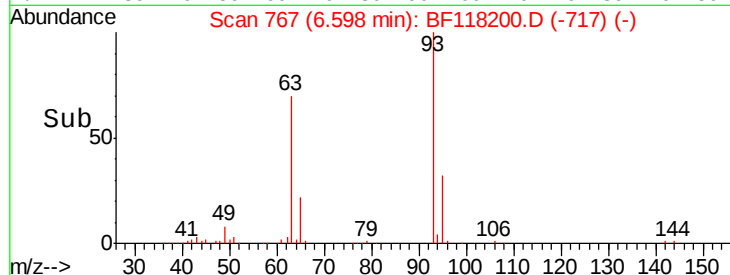
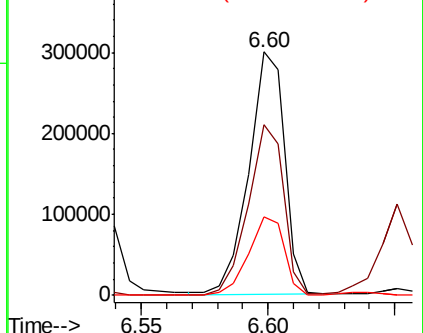


Abundance

Ion 93.00 (92.70 to 93.70): BF1

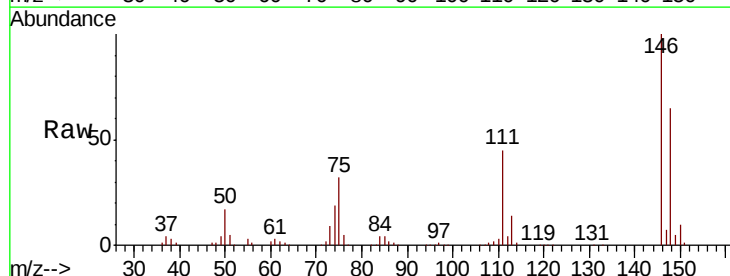
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.991 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion	146	Resp	399121
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.2	75.4
75	32.0	24.6	37.0

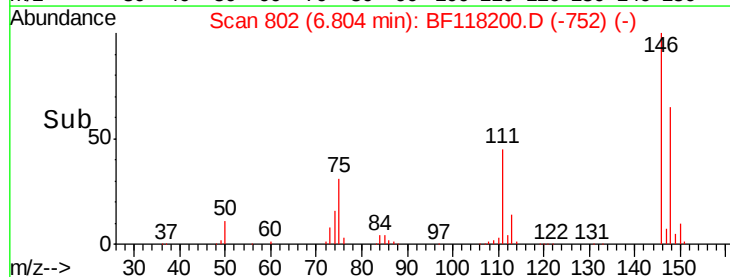
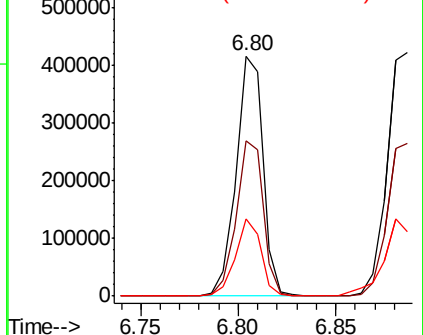


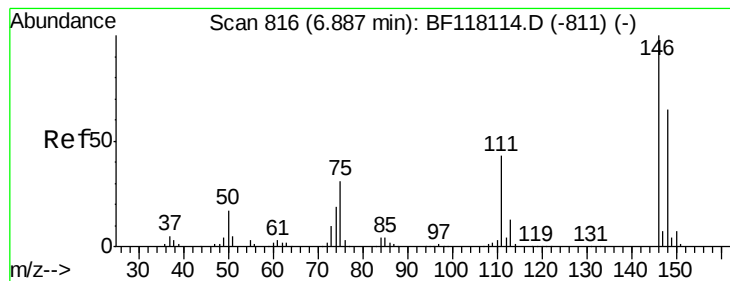
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.591 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

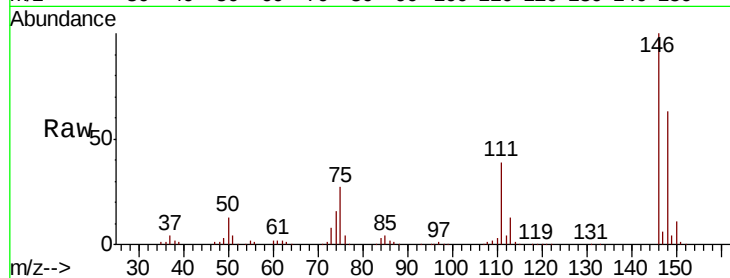
Tot Ion:146 Resp: 408075

Ion Ratio Lower Upper

146 100

148 62.9 52.1 78.1

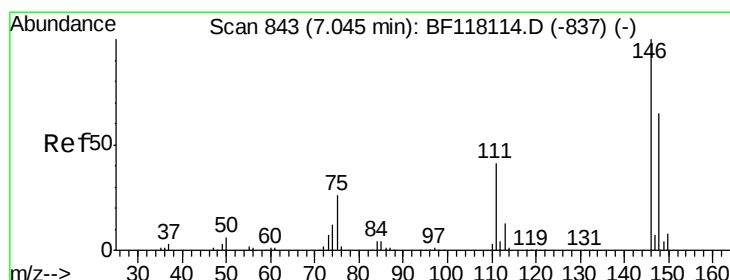
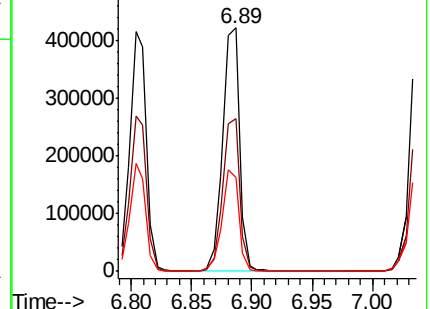
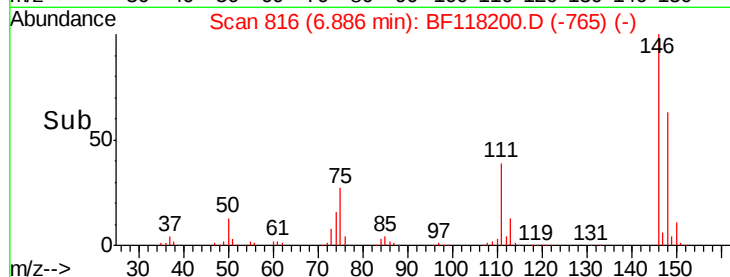
111 38.7 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.227 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

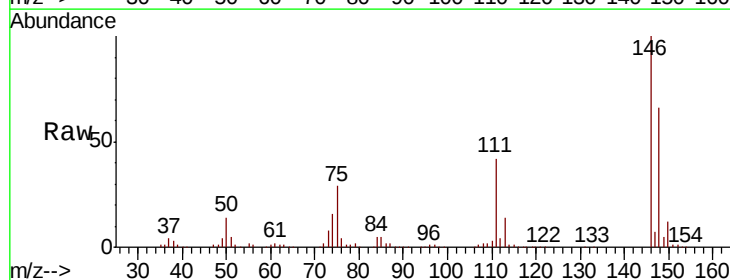
Tgt Ion:146 Resp: 379708

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

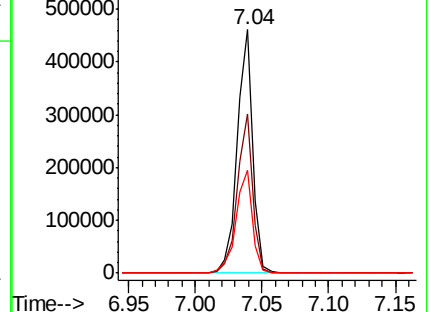
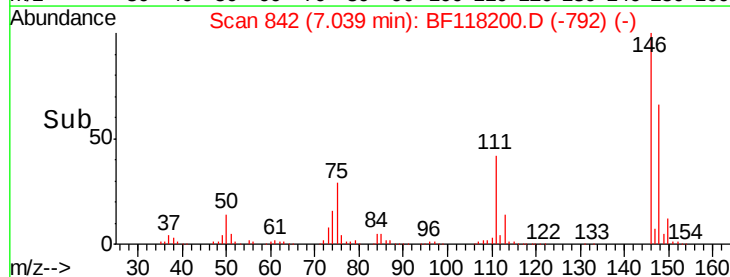
111 42.4 33.1 49.7

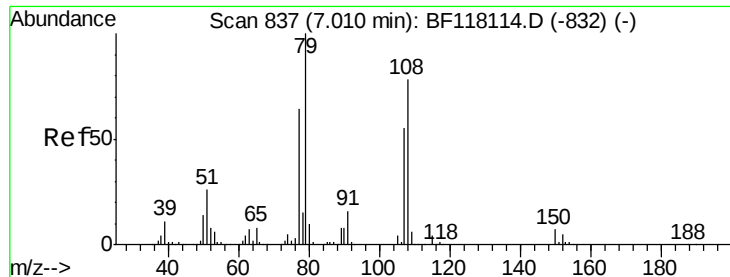


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.917 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

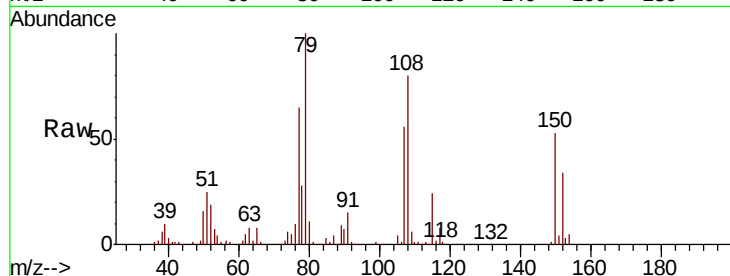
Tot Ion: 79 Resp: 285539

Ion Ratio Lower Upper

79 100

108 80.3 62.7 94.1

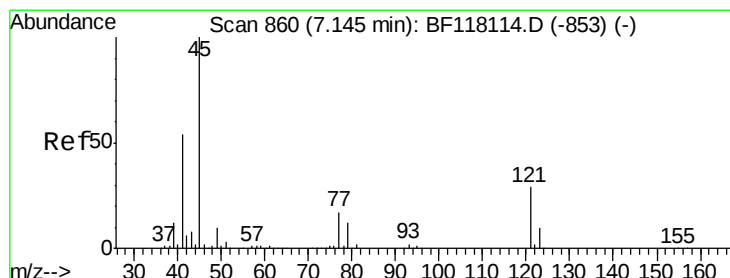
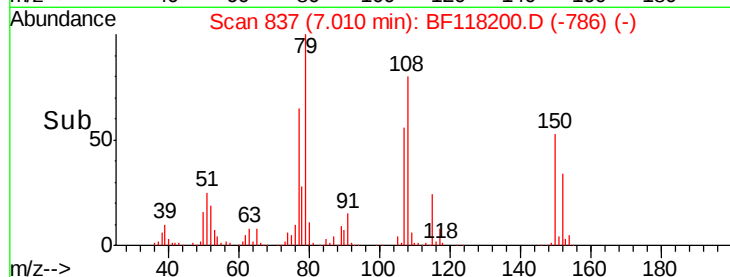
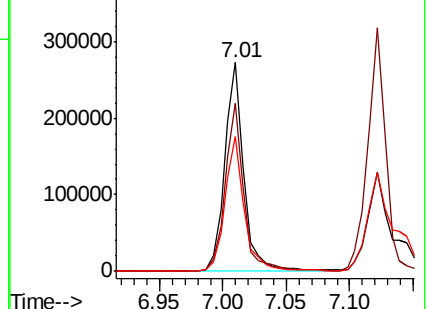
77 64.7 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.233 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

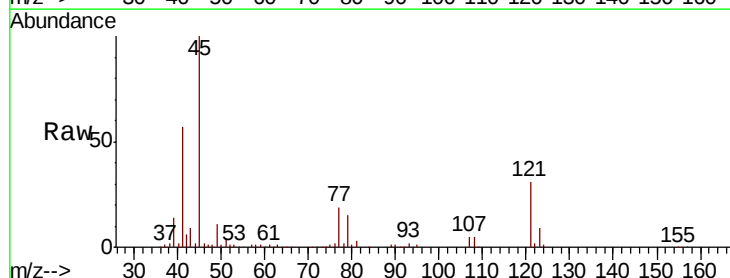
Tgt Ion: 45 Resp: 347069

Ion Ratio Lower Upper

45 100

77 19.1 0.0 38.0

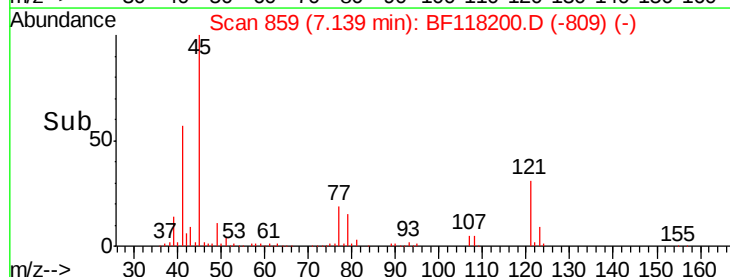
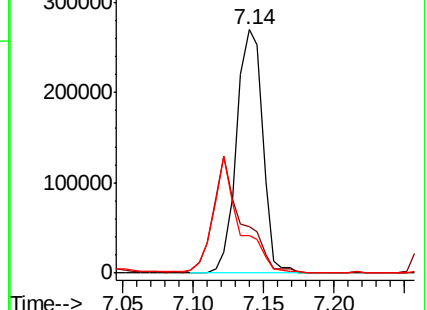
79 15.2 0.0 33.2

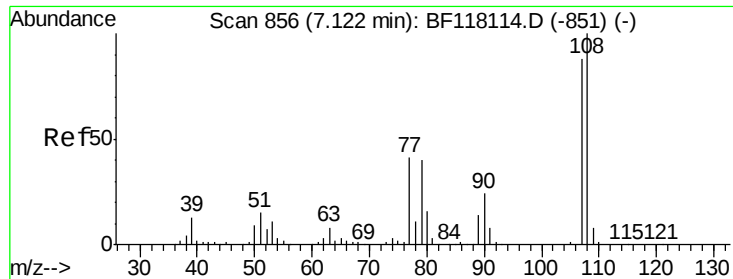


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

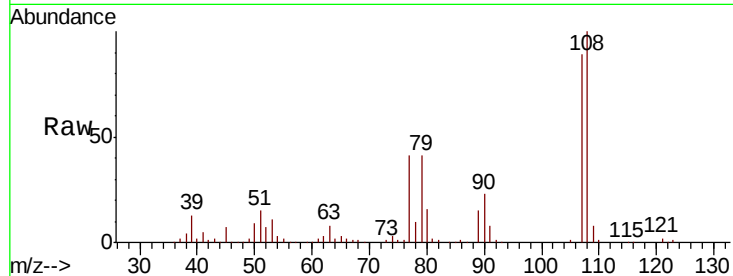




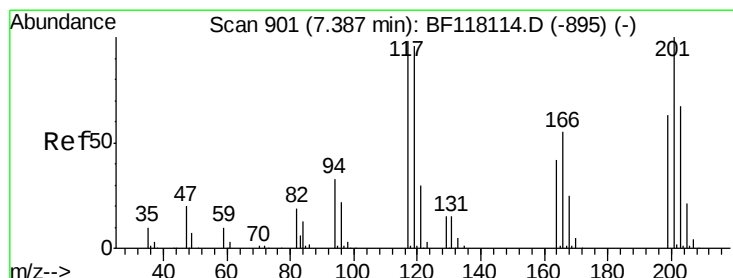
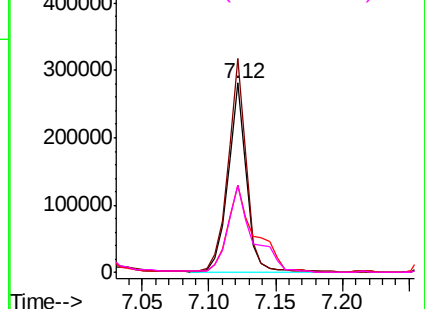
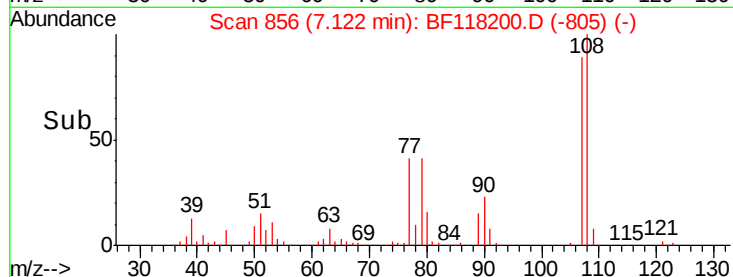
#17
2-Methylphenol
Concen: 39.110 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	272566
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.1	136.7
77	46.1	37.8	56.6
79	45.8	37.0	55.6

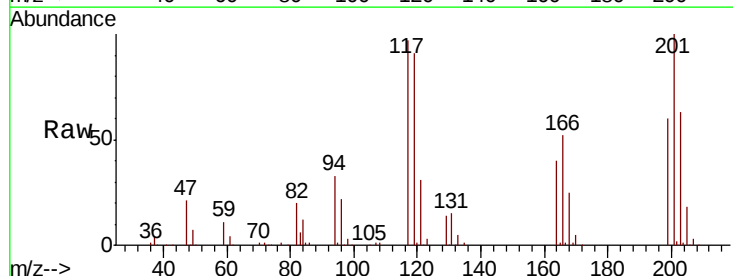


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

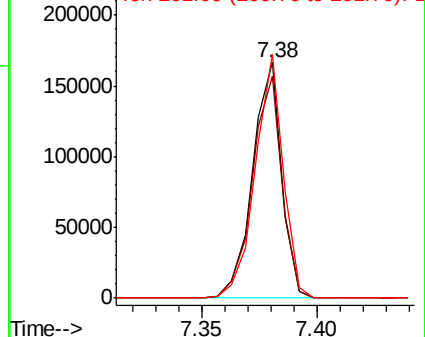
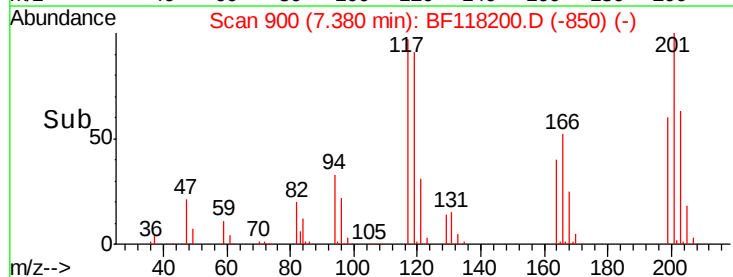


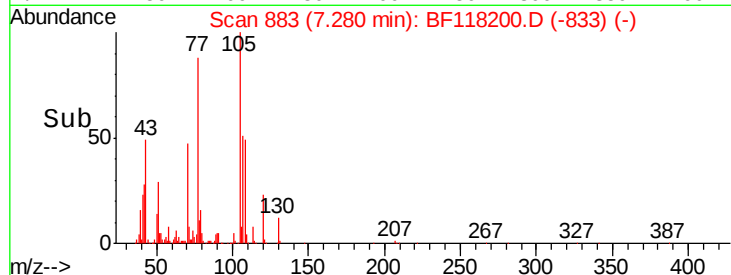
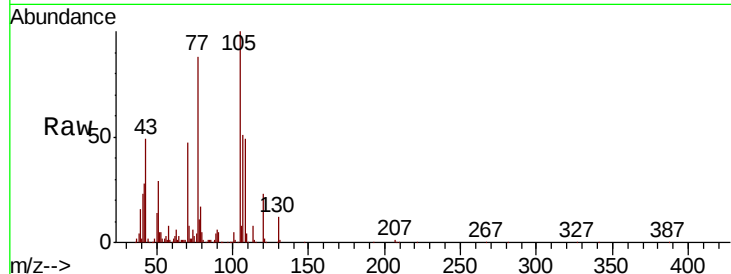
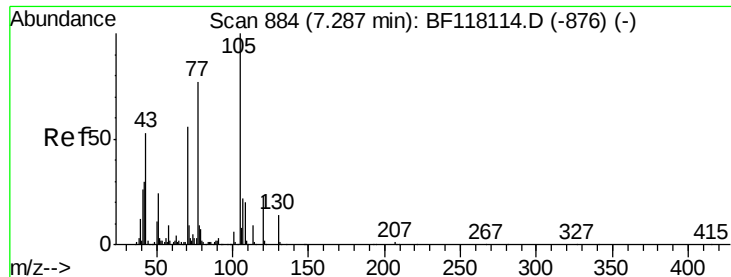
#18
Hexachloroethane
Concen: 38.688 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:	117	Resp:	146939
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.4
201	103.3	81.6	122.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

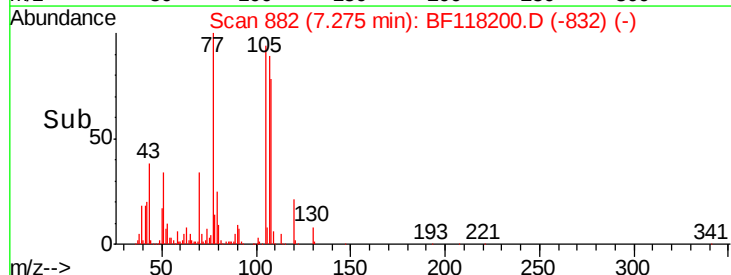
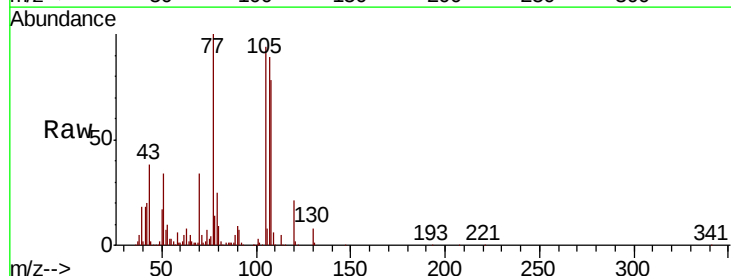
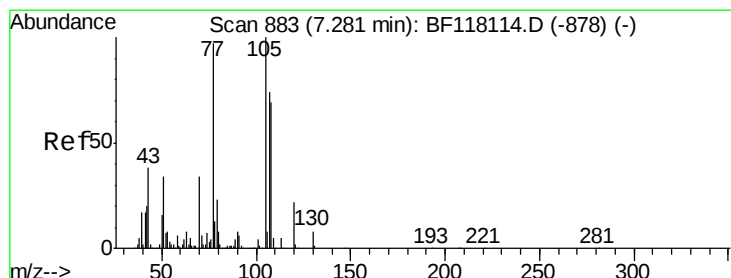
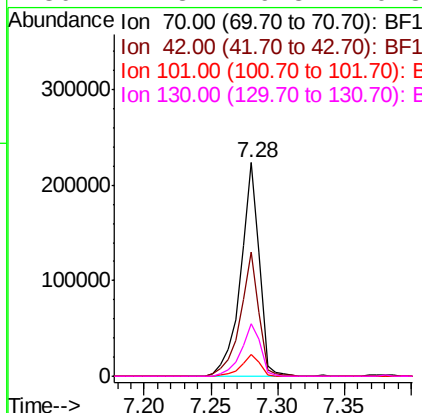




#19
n-Nitroso-di-n-propylamine
Concen: 37.990 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

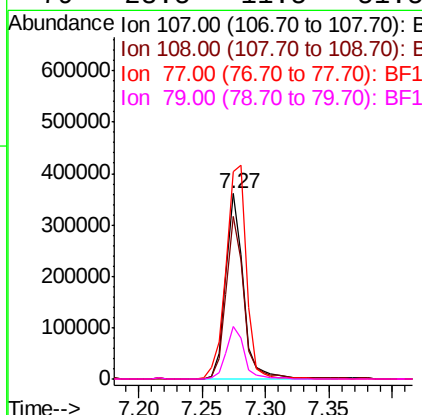
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

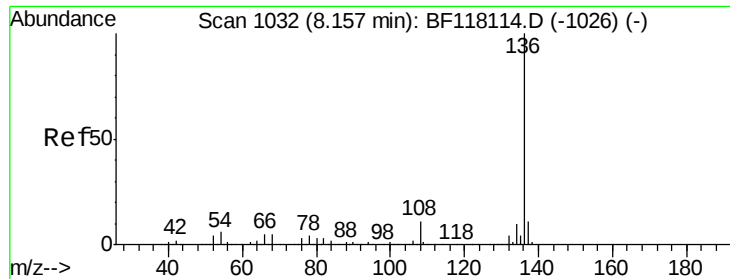
Tot Ion:	70	Resp:	216979
Ion	Ratio	Lower	Upper
70	100		
42	58.0	43.2	64.8
101	10.5	8.1	12.1
130	24.3	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.605 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:	107	Resp:	346703
Ion	Ratio	Lower	Upper
107	100		
108	88.0	73.2	113.2
77	112.3	110.9	150.9
79	28.5	11.5	51.5

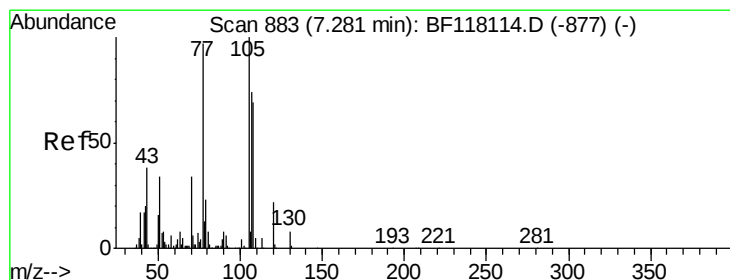
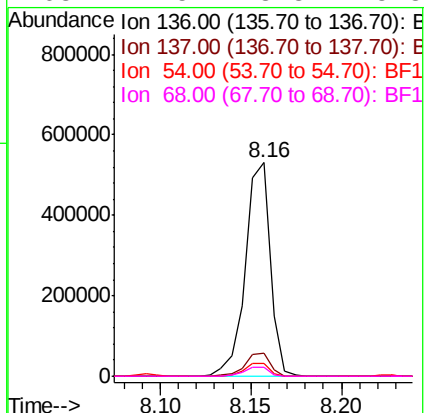
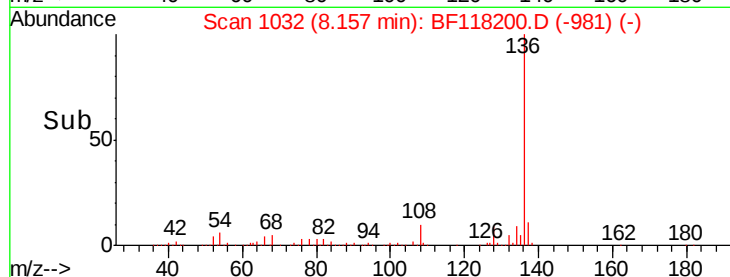
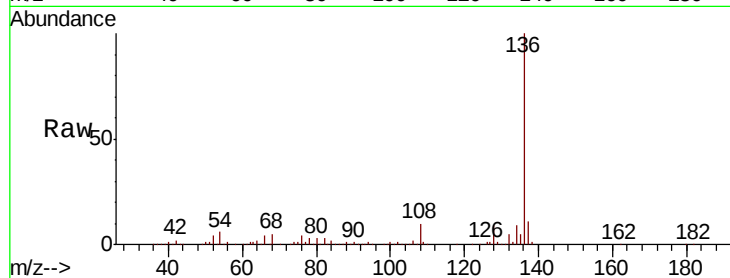




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

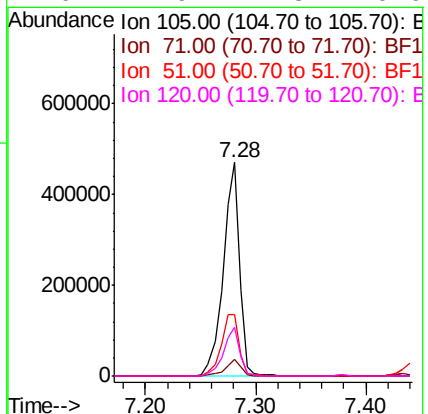
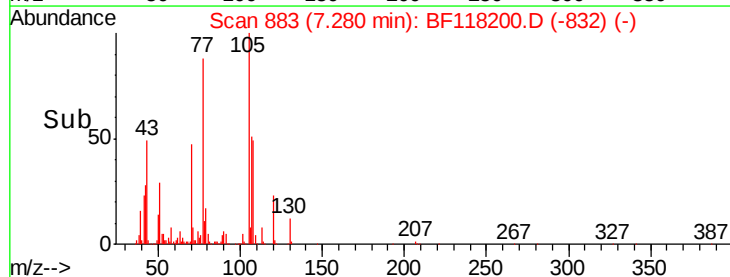
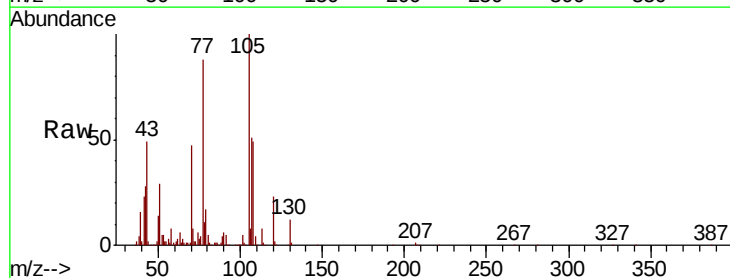
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

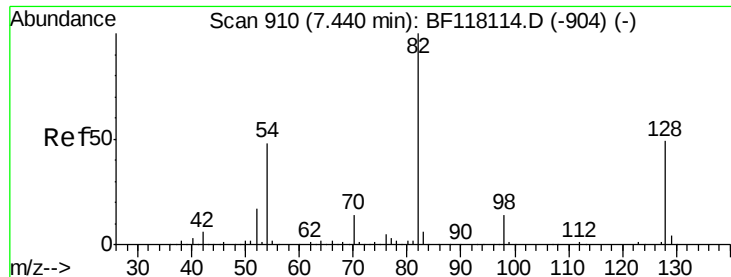
Tot Ion:136	Resp:	510392
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.6
54 5.7	5.0	7.6
68 4.5	3.8	5.8



#22
Acetophenone
Concen: 39.390 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt	Ion:105	Resp:	483002
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.7	7.1#
51	28.7	27.1	40.7
120	22.9	17.8	26.6

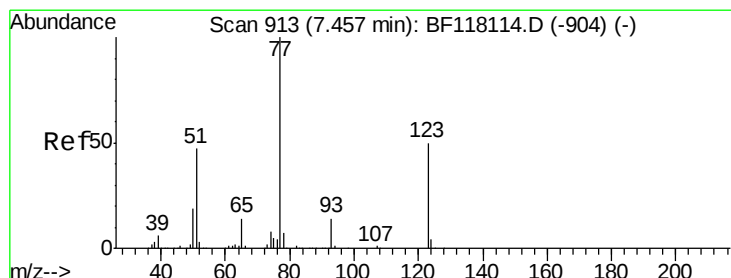
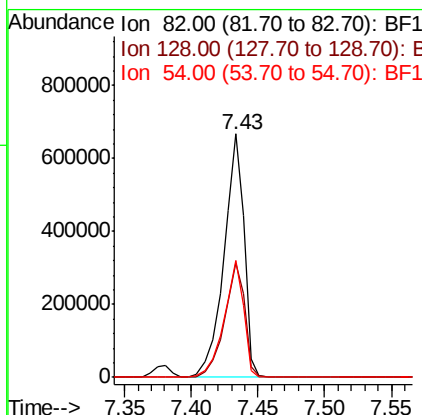
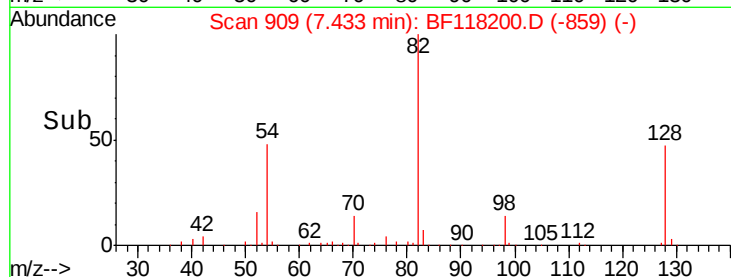
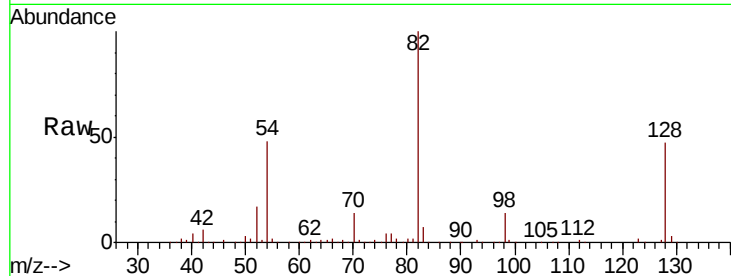




#23
 Nitrobenzene-d5
 Concen: 78.331 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

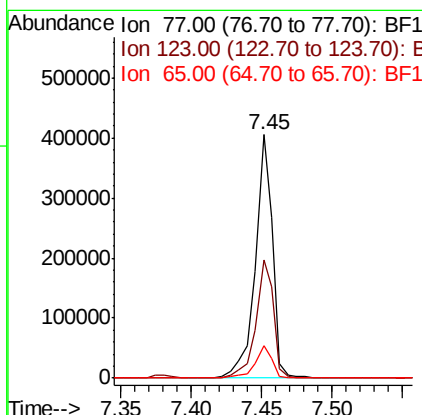
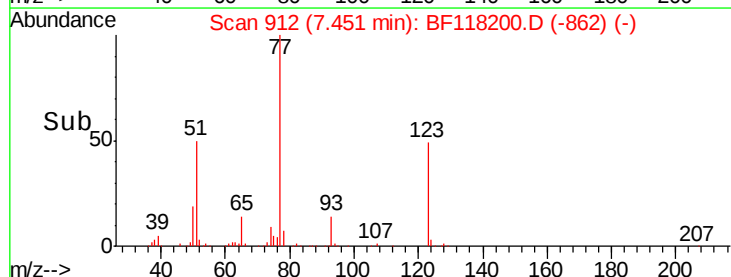
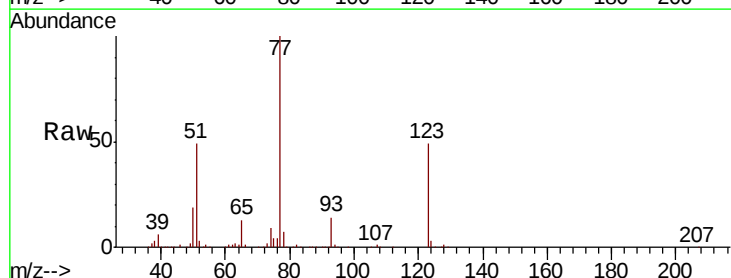
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

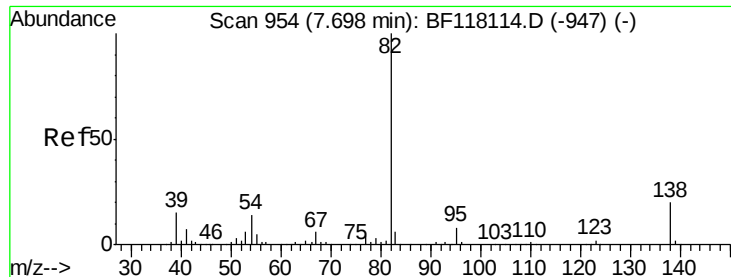
Tot Ion: 82 Resp: 710647
 Ion Ratio Lower Upper
 82 100
 128 47.1 39.1 58.7
 54 47.9 38.2 57.2



#24
 Nitrobenzene
 Concen: 38.606 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

Tgt Ion: 77 Resp: 344111
 Ion Ratio Lower Upper
 77 100
 123 48.6 40.1 60.1
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 37.706 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

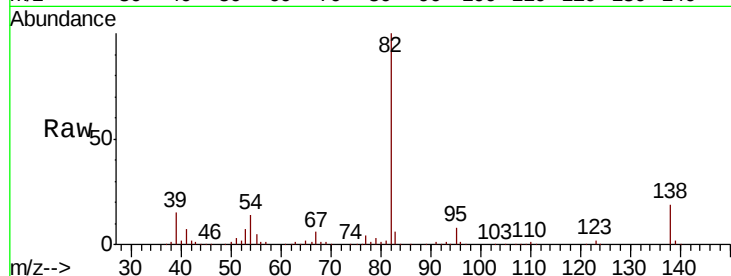
Tot Ion: 82 Resp: 579898

Ion Ratio Lower Upper

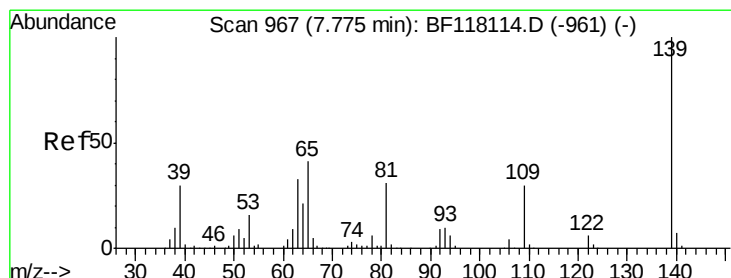
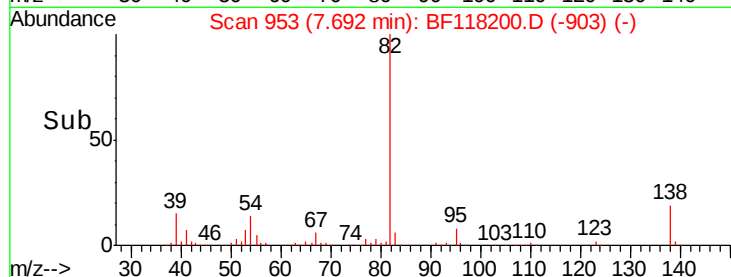
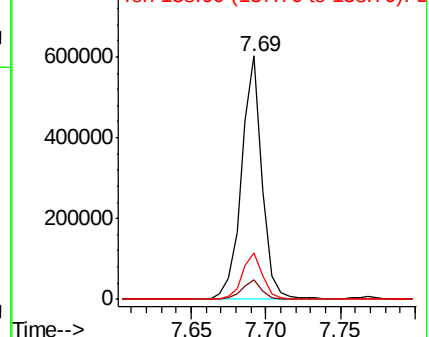
82 100

95 8.0 6.3 9.5

138 19.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 38.657 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

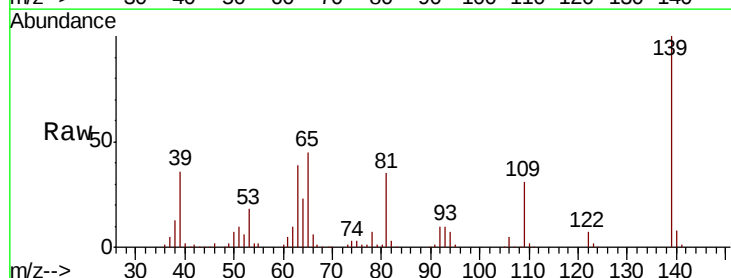
Tgt Ion: 139 Resp: 184169

Ion Ratio Lower Upper

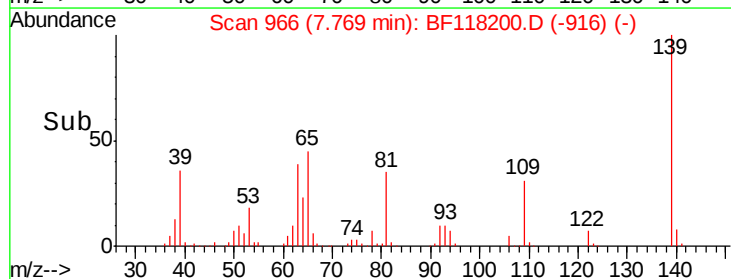
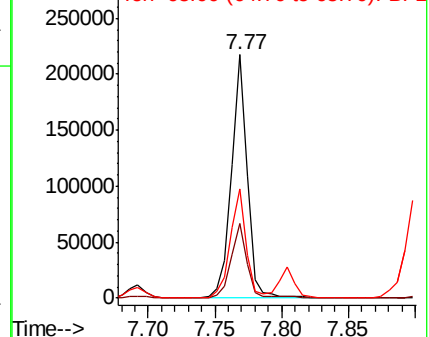
139 100

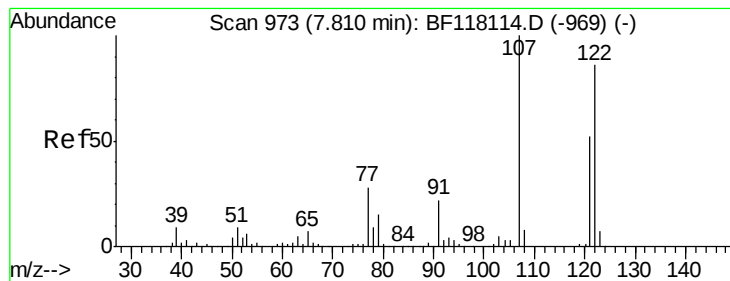
109 30.7 23.9 35.9

65 44.8 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.188 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

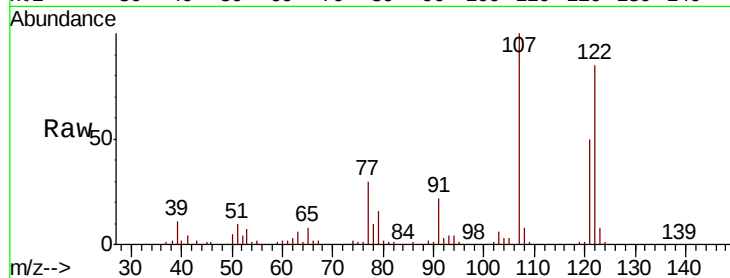
Tot Ion:122 Resp: 242682

Ion Ratio Lower Upper

122 100

107 117.2 92.9 139.3

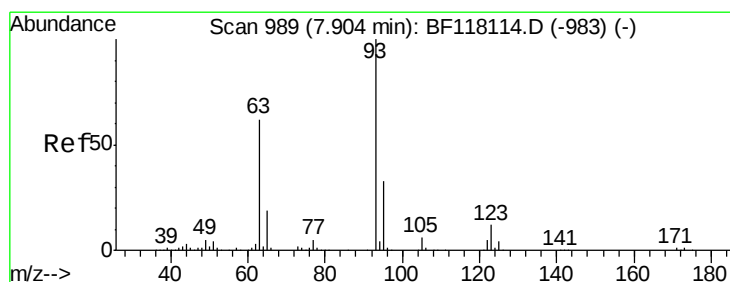
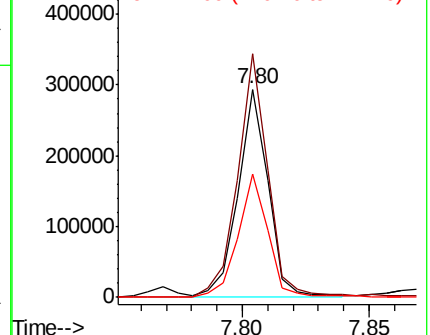
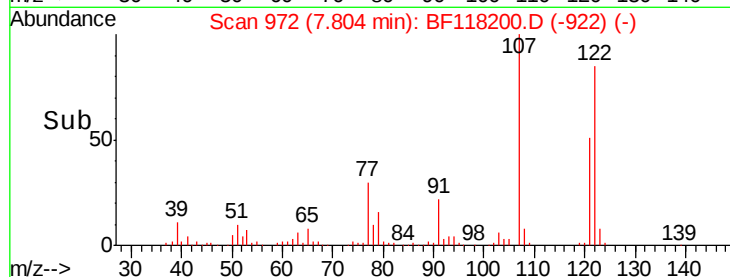
121 59.1 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.408 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

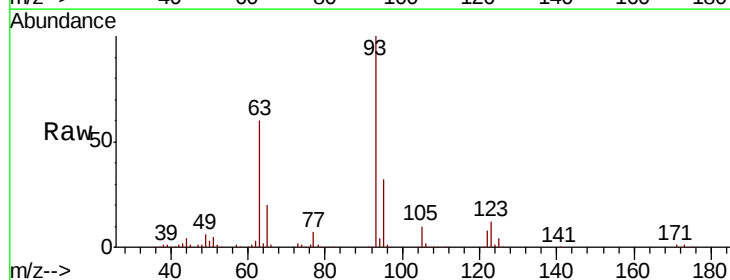
Tgt Ion: 93 Resp: 385982

Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

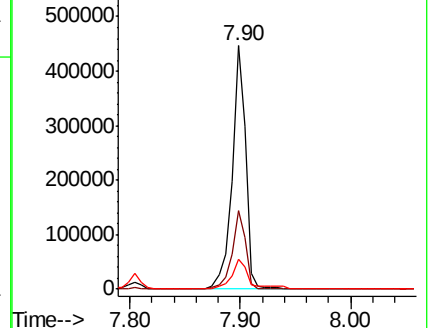
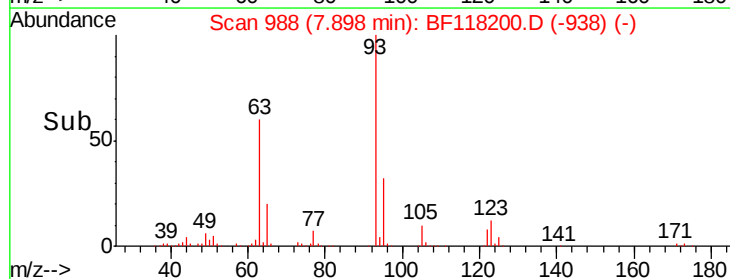
123 12.3 10.0 15.0

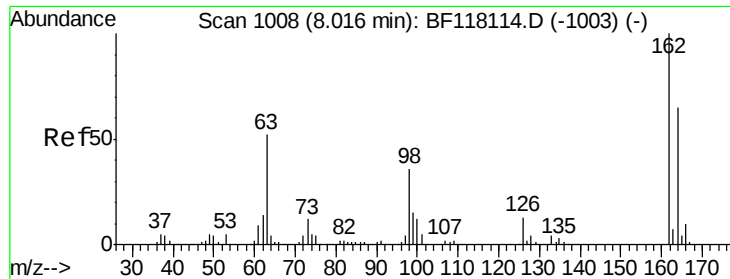


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

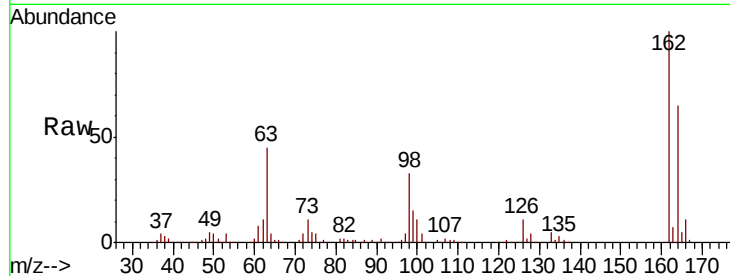




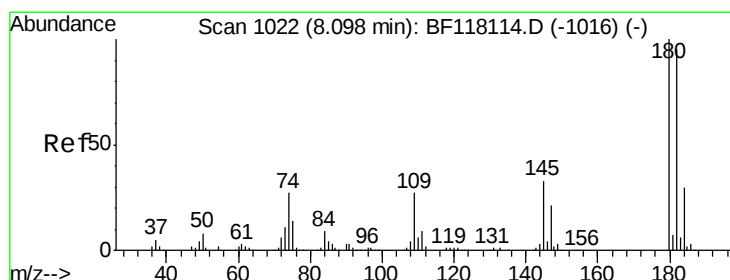
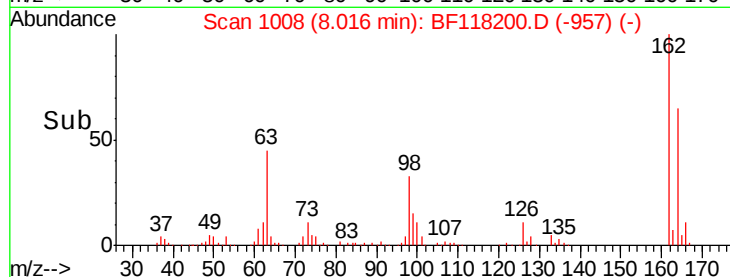
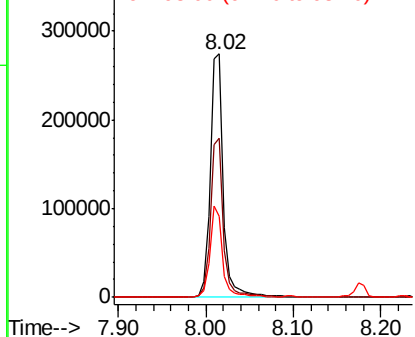
#29
2,4-Dichlorophenol
Concen: 38.602 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 285974
Ion Ratio Lower Upper
162 100
164 65.4 45.2 85.2
98 33.2 15.9 55.9

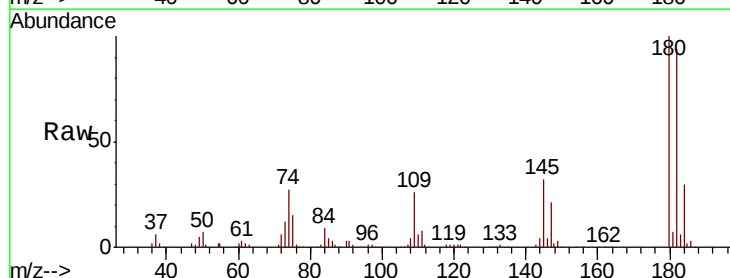


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

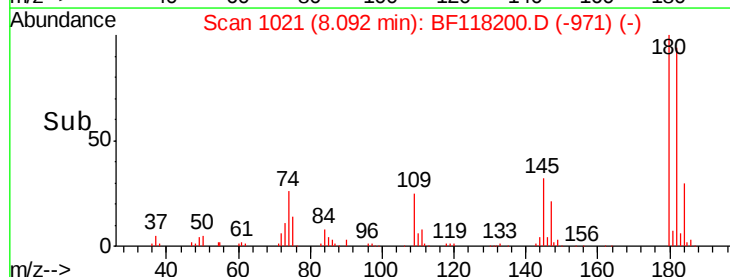
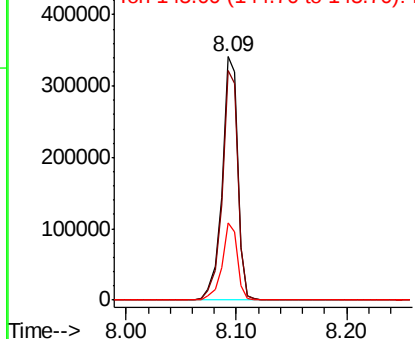


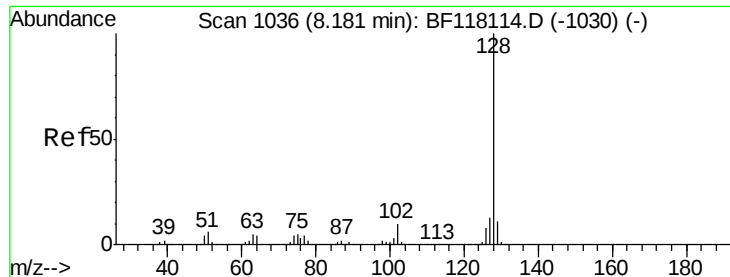
#30
1,2,4-Trichlorobenzene
Concen: 39.087 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:180 Resp: 338410
Ion Ratio Lower Upper
180 100
182 94.0 76.1 114.1
145 31.9 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

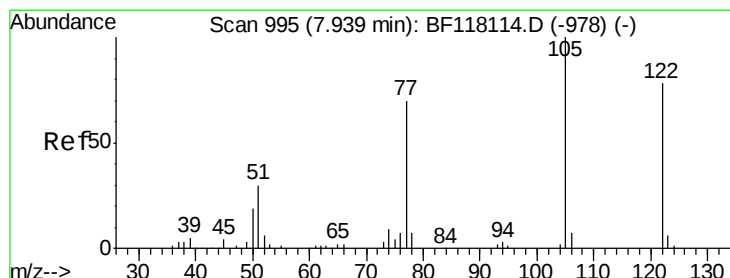
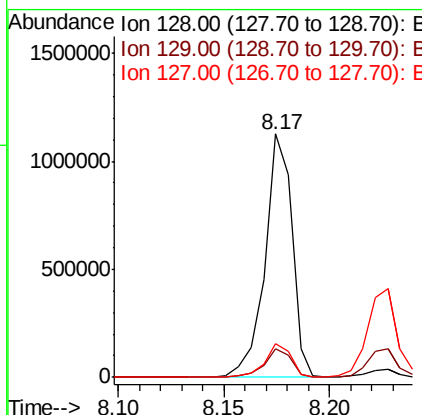
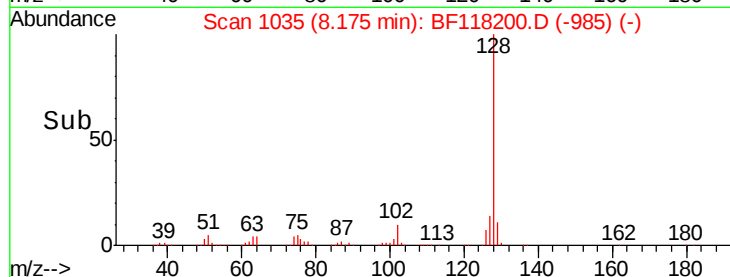
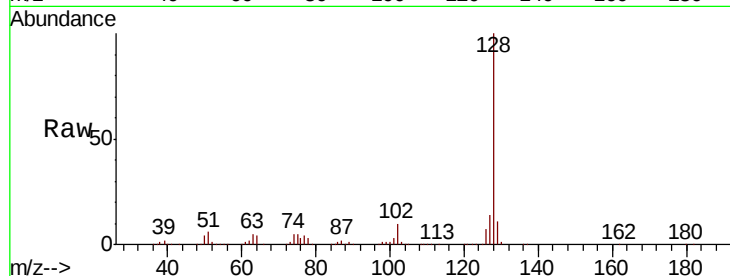




#31
Naphthalene
Concen: 39.426 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

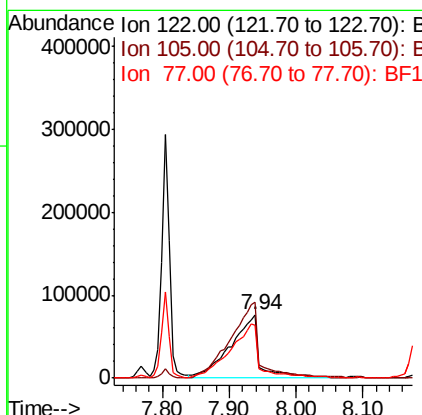
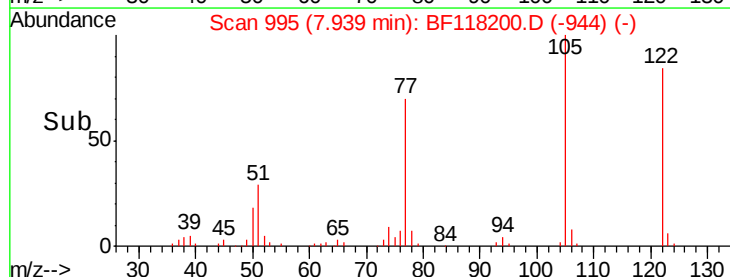
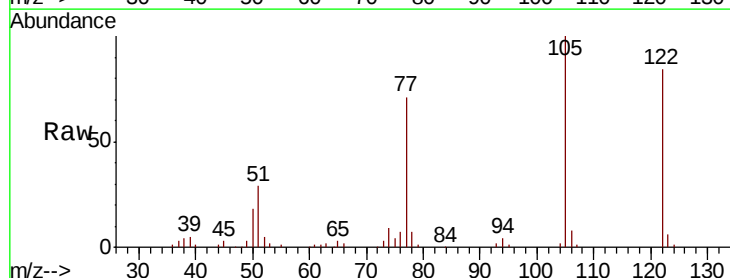
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

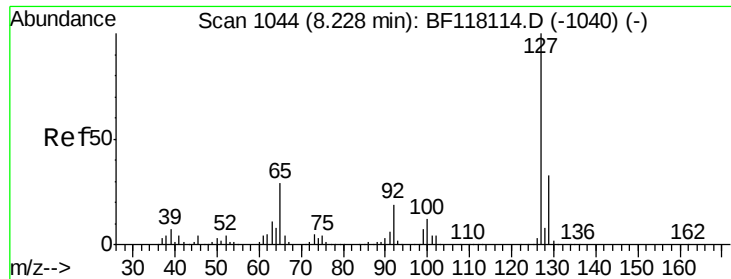
Tot Ion:128 Resp: 1010602
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 39.949 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:122 Resp: 229224
Ion Ratio Lower Upper
122 100
105 119.3 104.7 144.7
77 84.5 69.1 109.1

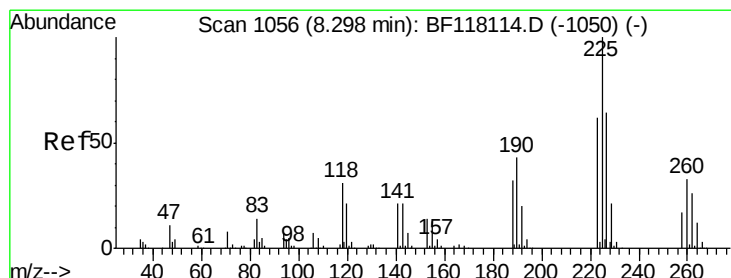
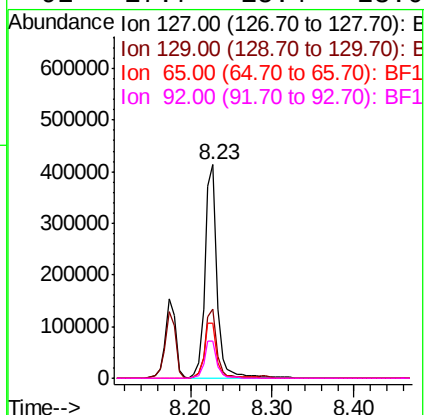
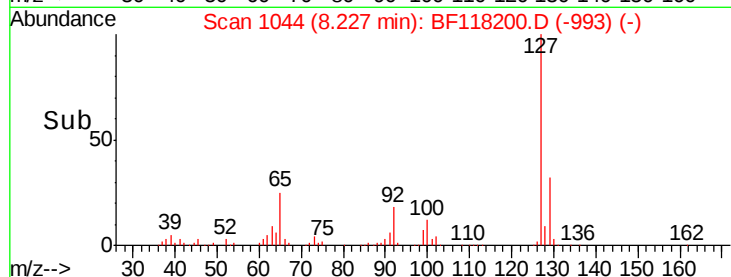
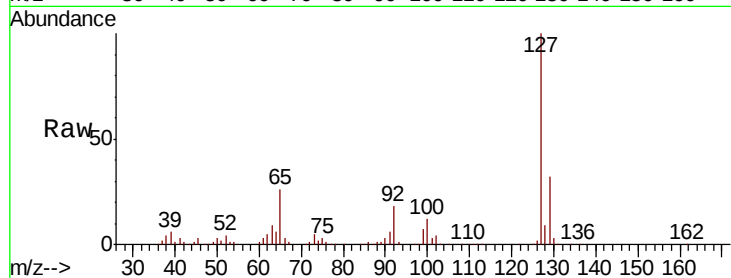




#33
4-Chloroaniline
Concen: 38.239 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

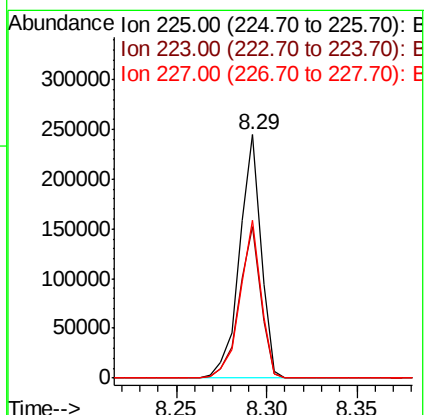
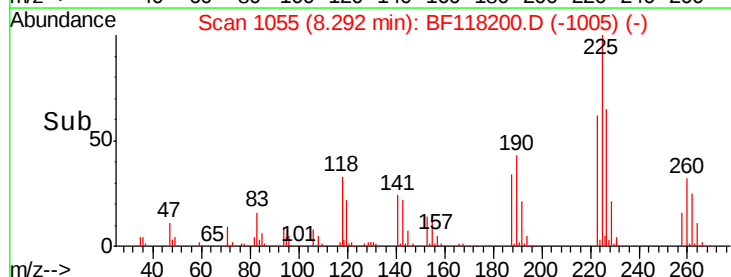
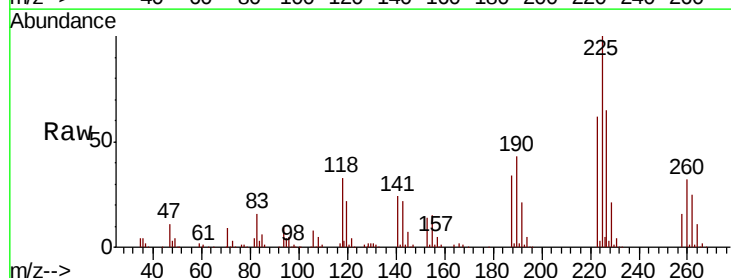
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

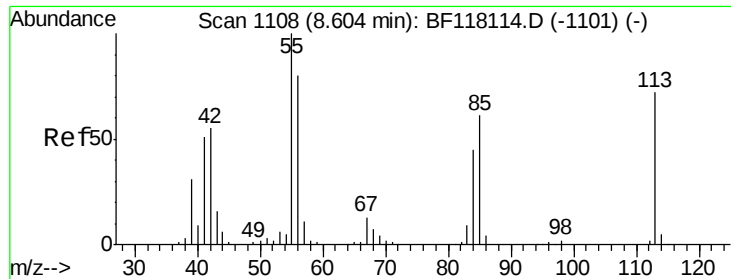
Tot Ion:	127	Resp:	423225
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	25.6	23.2	34.8
92	17.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.793 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:	225	Resp:	201400
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	64.7	51.0	76.6

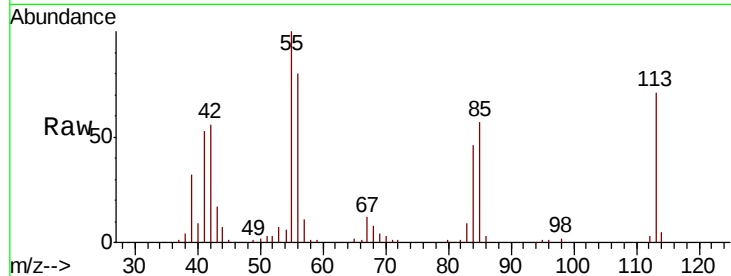




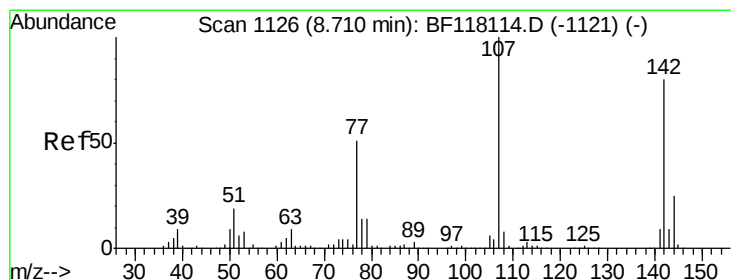
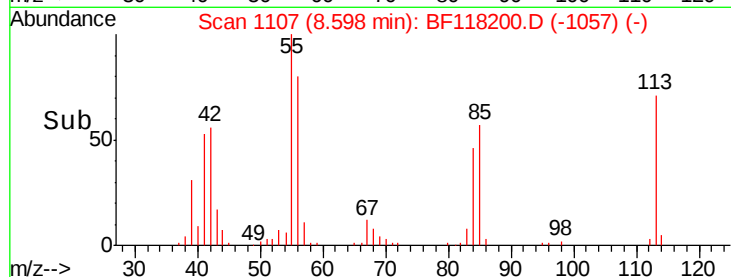
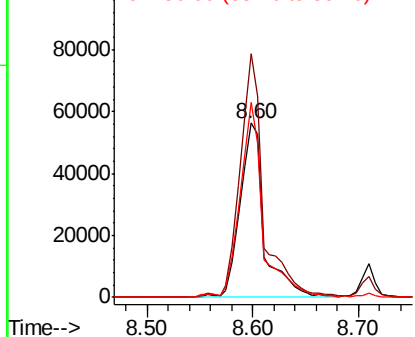
#35
Caprolactam
Concen: 38.616 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 88224
Ion Ratio Lower Upper
113 100
55 140.0 118.9 158.9
56 112.3 91.4 131.4

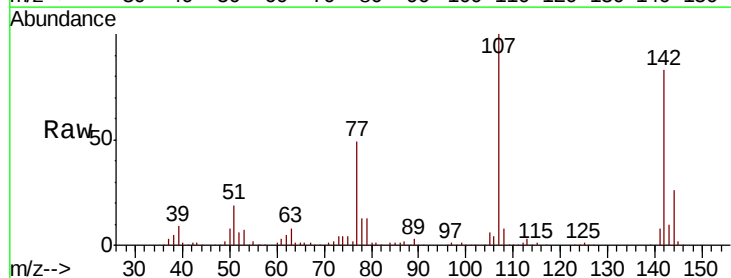


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

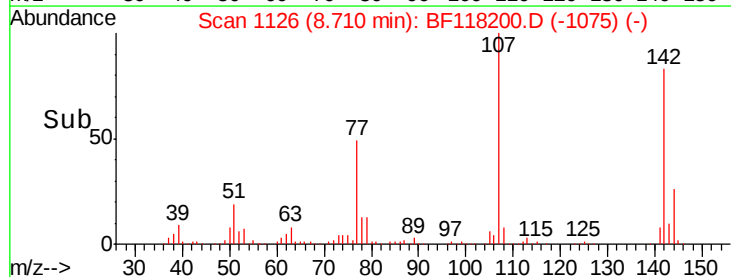
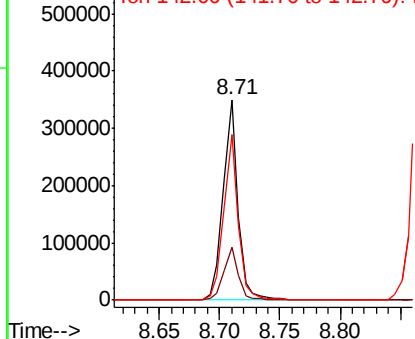


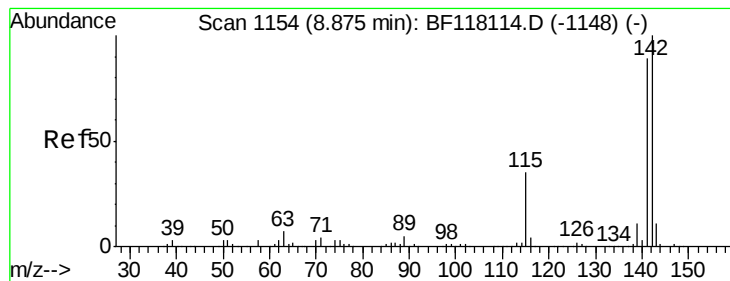
#36
4-Chloro-3-methylphenol
Concen: 38.199 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:107 Resp: 297809
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 82.6 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.676 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

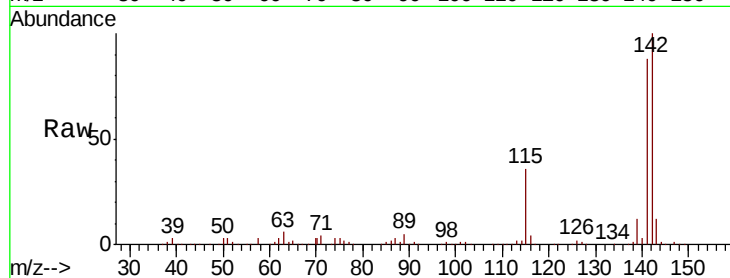
Tot Ion:142 Resp: 671174

Ion Ratio Lower Upper

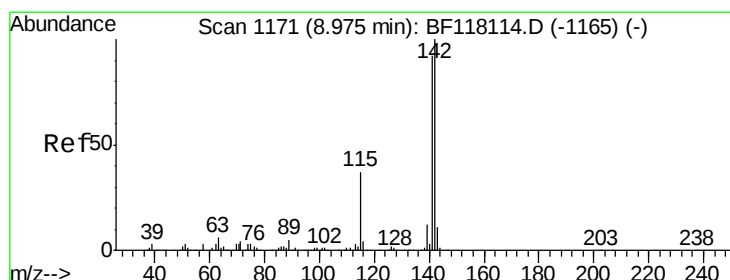
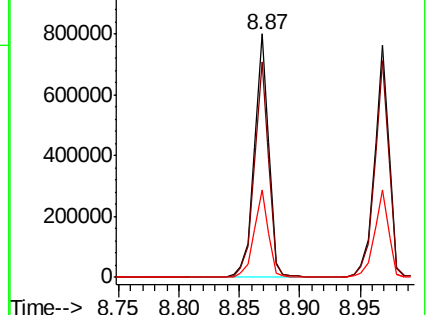
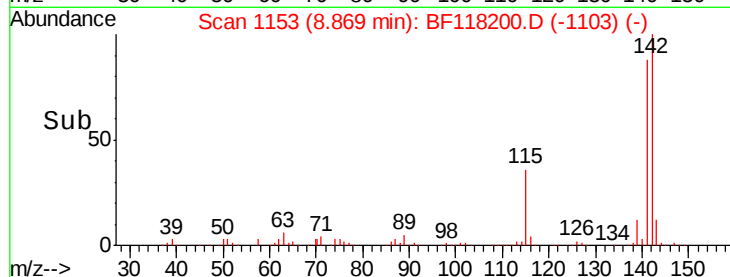
142 100

141 88.3 71.4 107.0

115 36.1 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.743 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

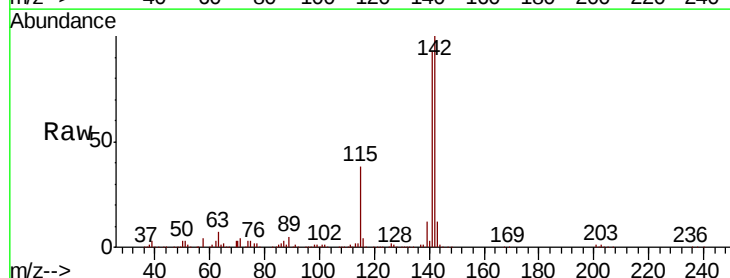
Tgt Ion:142 Resp: 631281

Ion Ratio Lower Upper

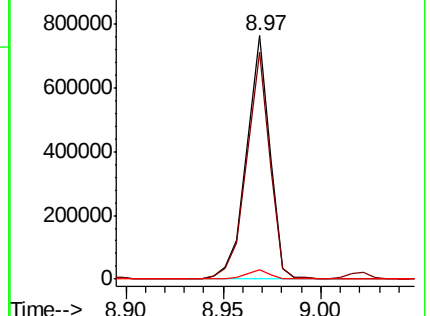
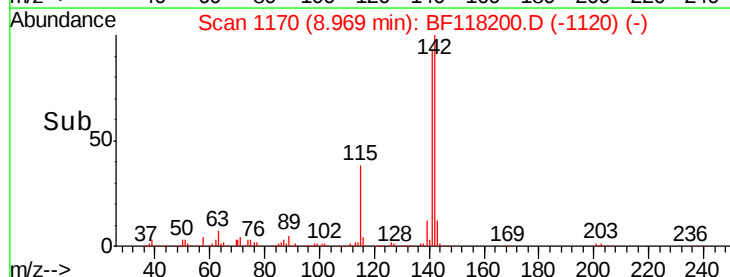
142 100

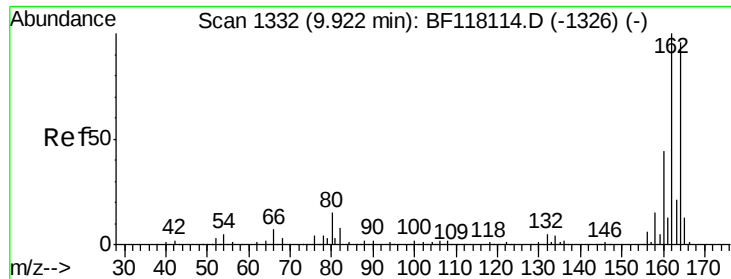
141 93.3 74.0 111.0

116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

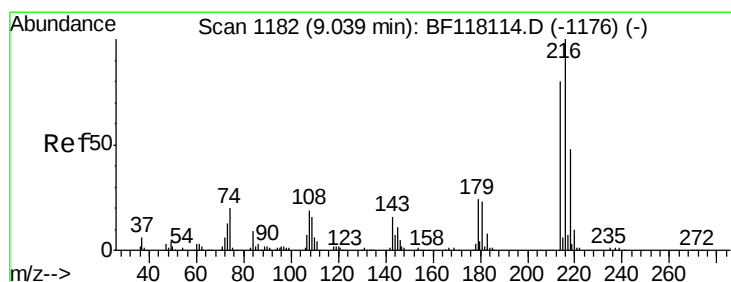
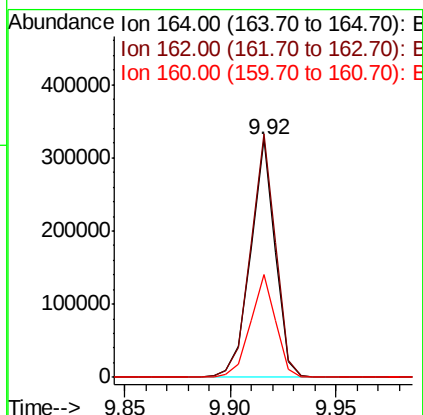
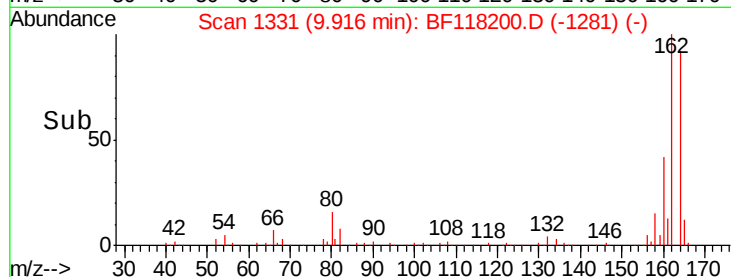
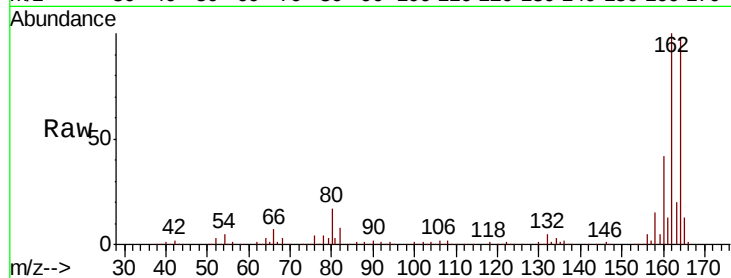
Tot Ion:164 Resp: 264456

Ion Ratio Lower Upper

164 100

162 102.1 83.4 125.0

160 43.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.081 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Tgt Ion:216 Resp: 313095

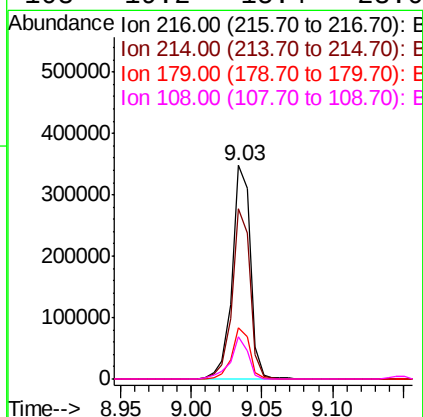
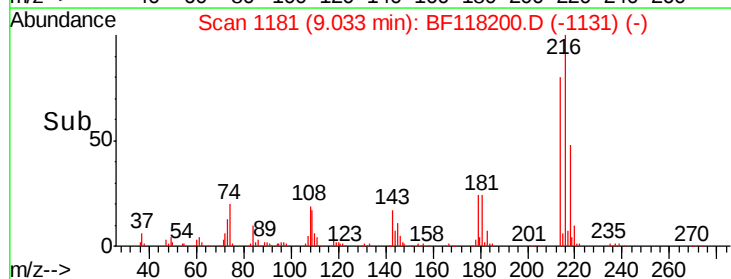
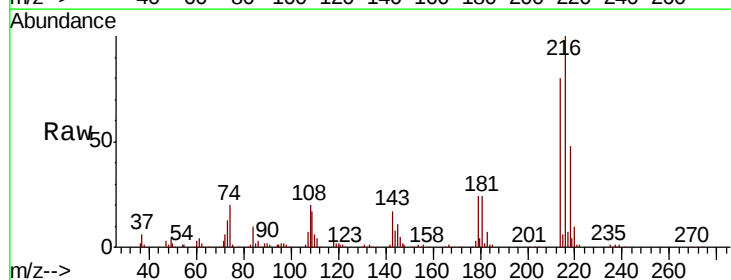
Ion Ratio Lower Upper

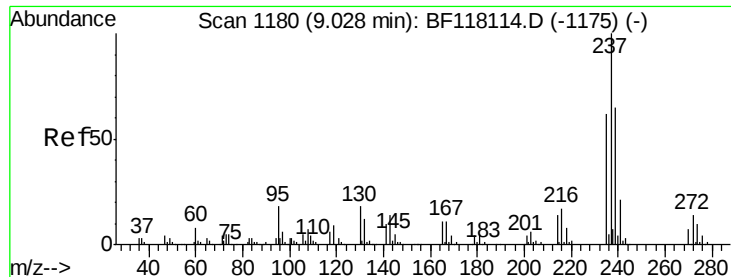
216 100

214 78.4 63.4 95.2

179 23.0 18.6 27.8

108 19.2 15.4 23.0

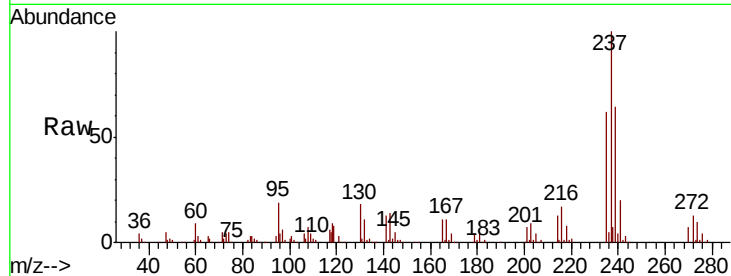




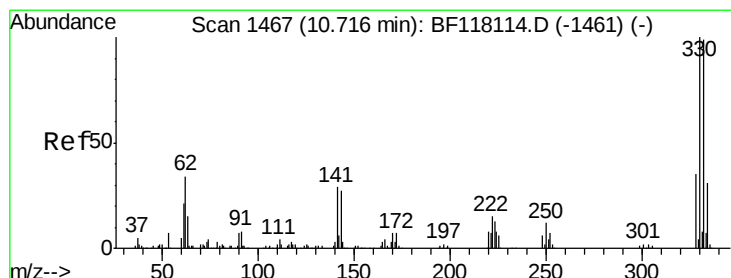
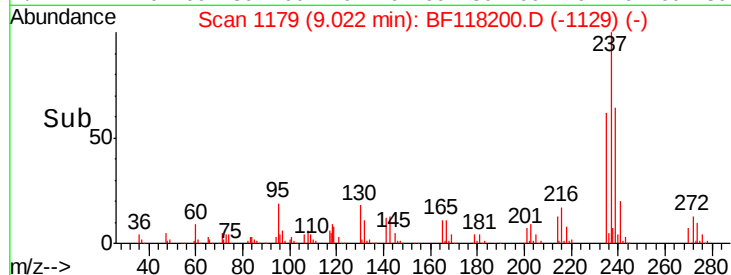
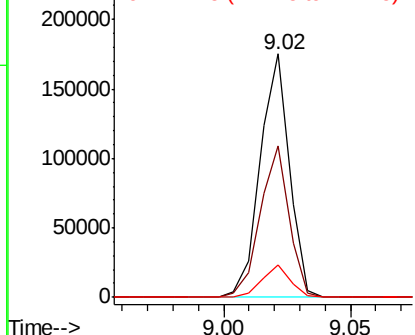
#41
Hexachlorocyclopentadiene
Concen: 39.422 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 237 Resp: 141502
Ion Ratio Lower Upper
237 100
235 62.2 41.5 81.5
272 13.4 0.0 33.7

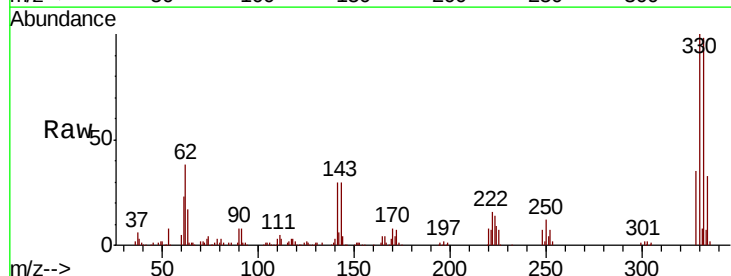


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

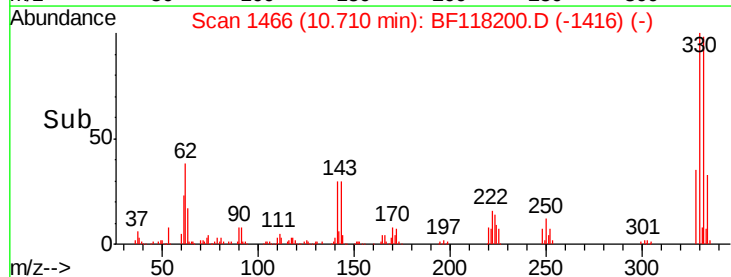
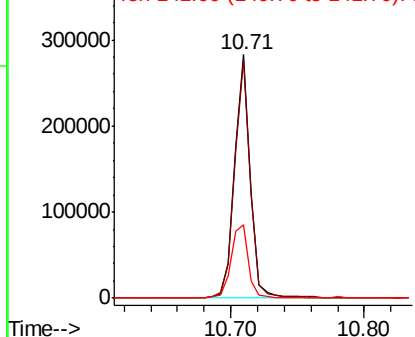


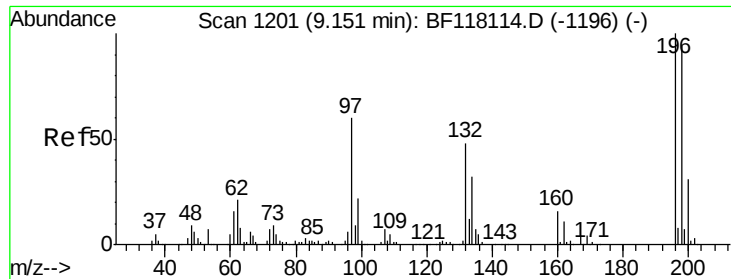
#42
2,4,6-Tribromophenol
Concen: 73.130 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion: 330 Resp: 234941
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 33.6 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

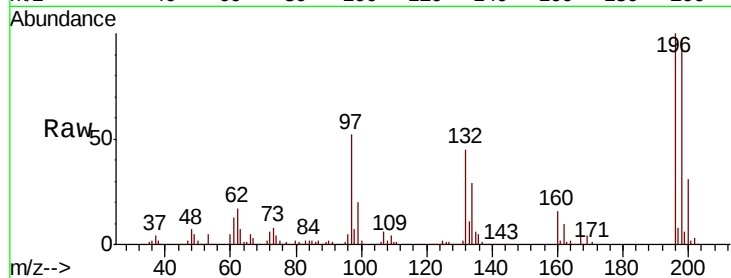




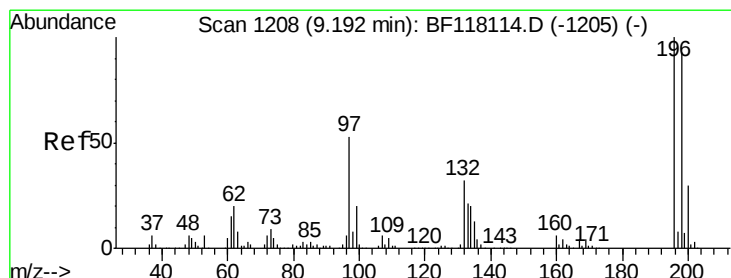
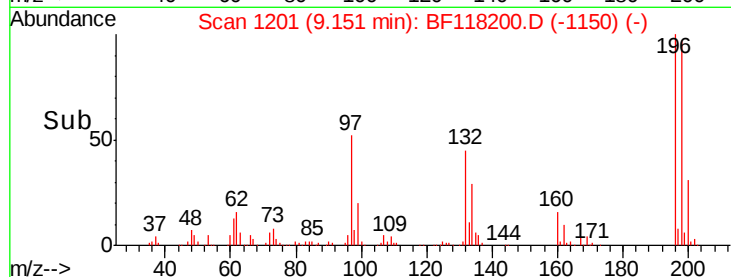
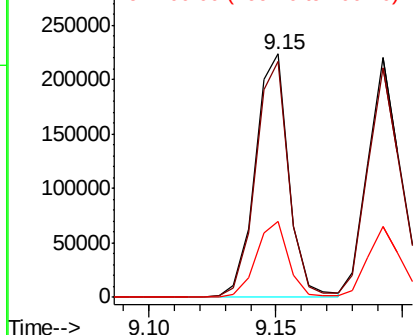
#43
 2,4,6-Trichlorophenol
 Concen: 38.415 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 205480
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.0 112.4
 200 30.9 24.5 36.7



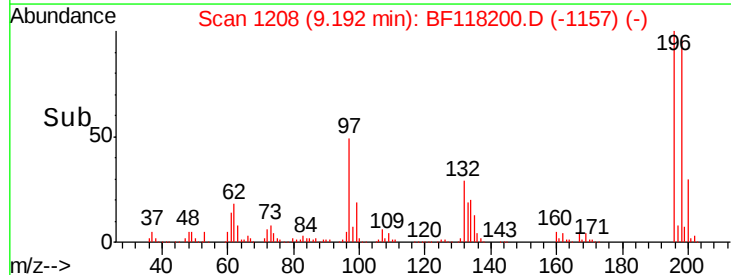
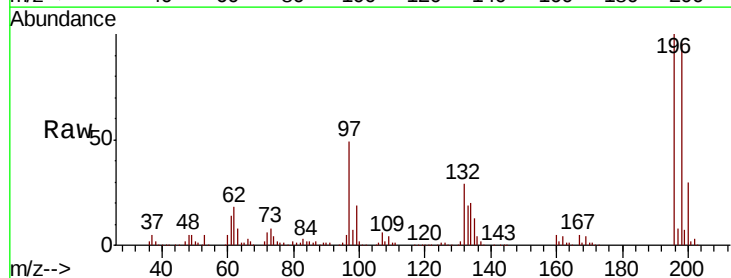
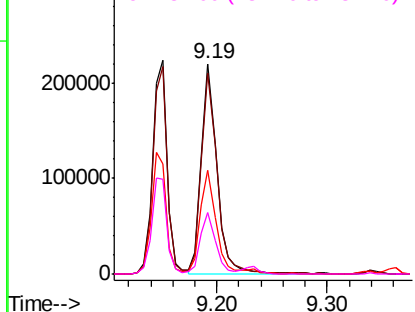
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

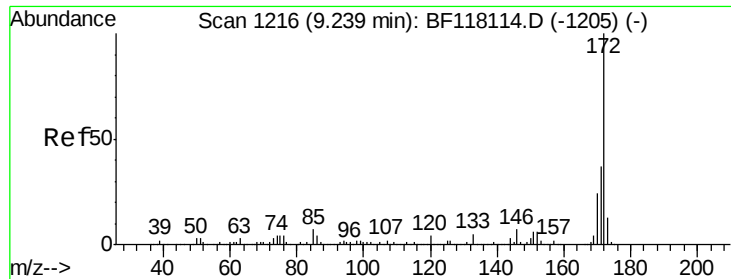


#44
 2,4,5-Trichlorophenol
 Concen: 38.066 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118200.D
 Acq: 16 Dec 2019 16:51

Tgt Ion:196 Resp: 210956
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.4
 97 49.3 42.5 63.7
 132 29.0 25.4 38.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

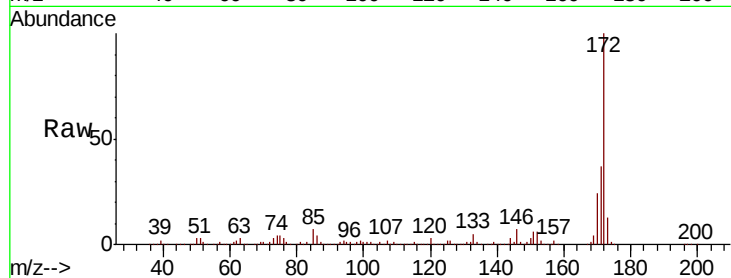




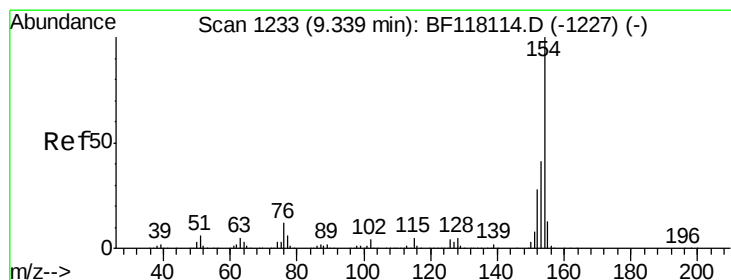
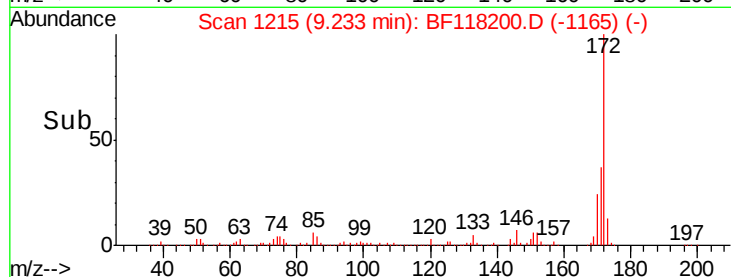
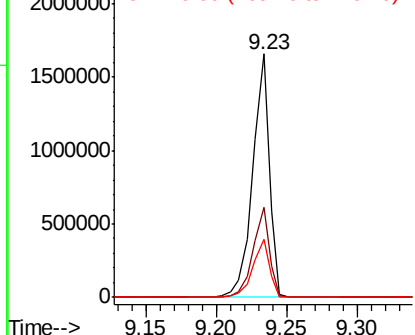
#45
2-Fluorobiphenyl
Concen: 79.486 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1381435
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 23.9 19.4 29.2

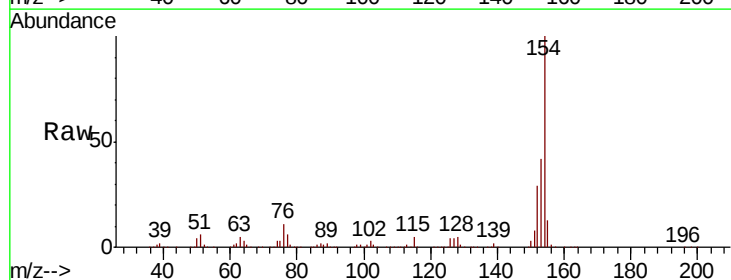


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

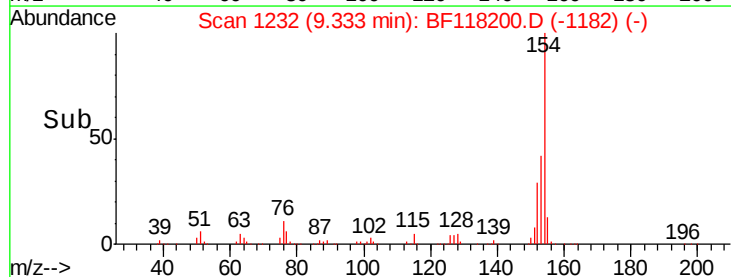
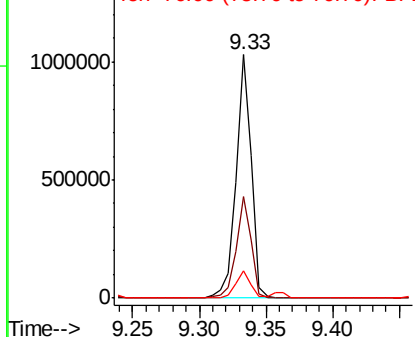


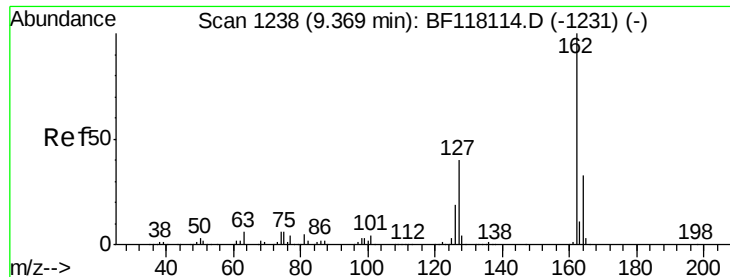
#46
1,1'-Biphenyl
Concen: 39.521 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:154 Resp: 824305
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 11.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

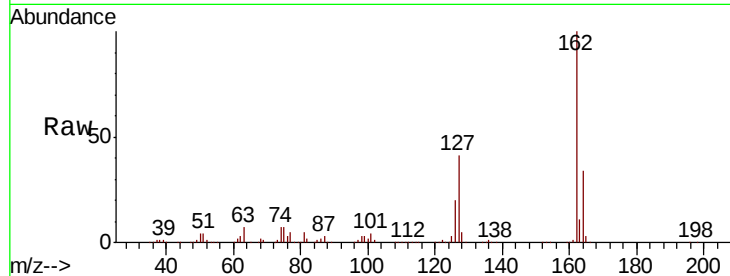




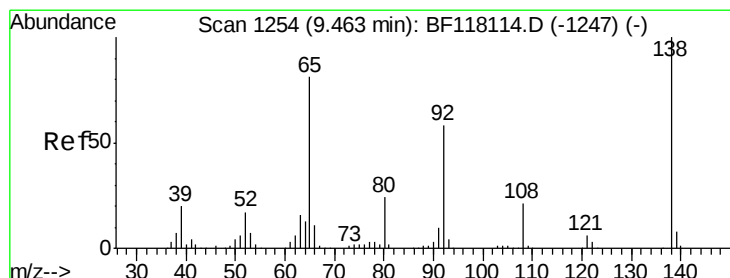
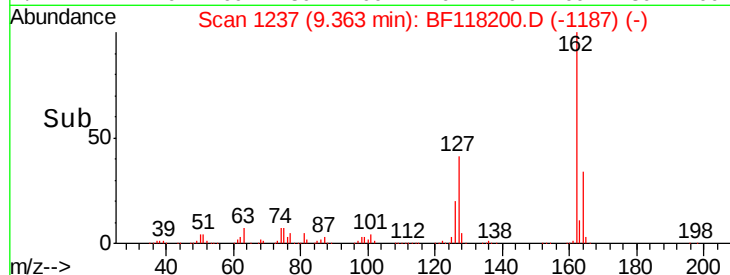
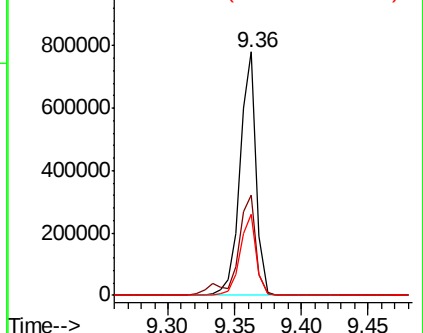
#47
2-Chloronaphthalene
Concen: 39.173 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 657230
Ion Ratio Lower Upper
162 100
127 41.4 32.0 48.0
164 33.5 26.1 39.1

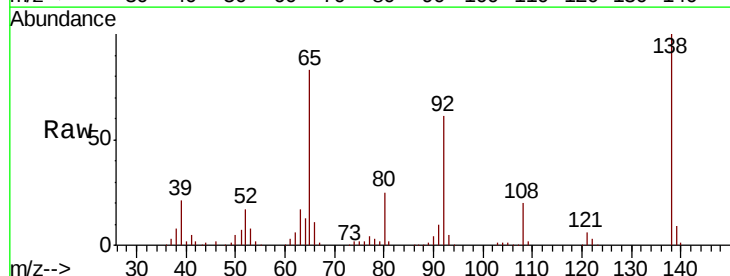


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

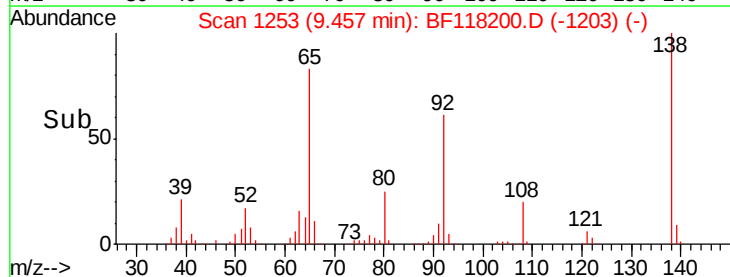
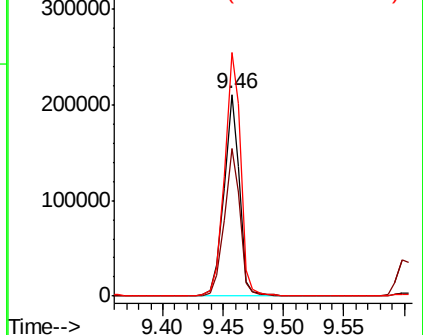


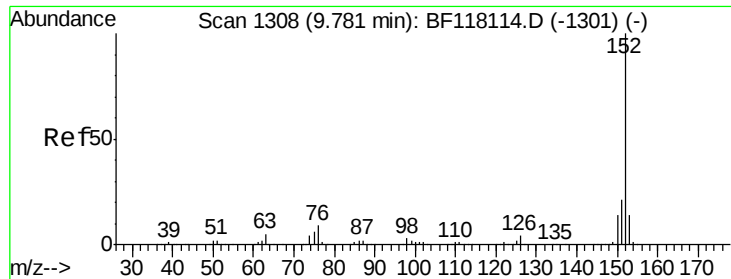
#48
2-Nitroaniline
Concen: 39.013 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion: 65 Resp: 186662
Ion Ratio Lower Upper
65 100
92 73.2 57.8 86.6
138 120.5 98.8 148.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.456 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

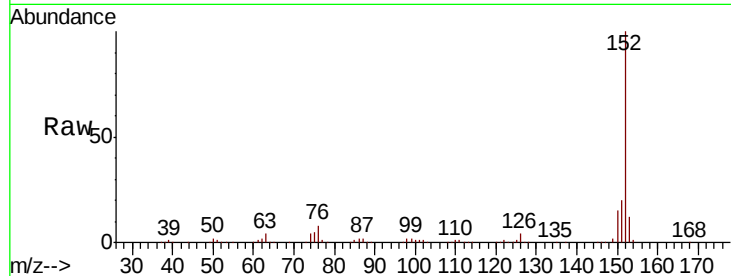
Tot Ion:152 Resp: 976392

Ion Ratio Lower Upper

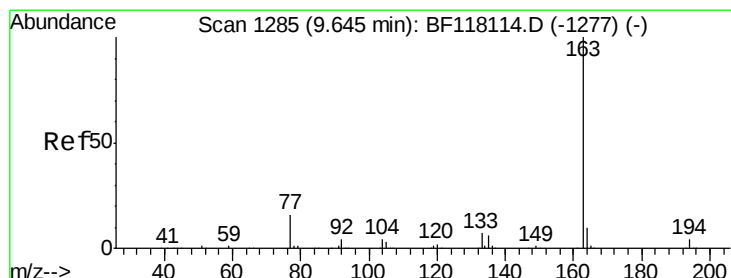
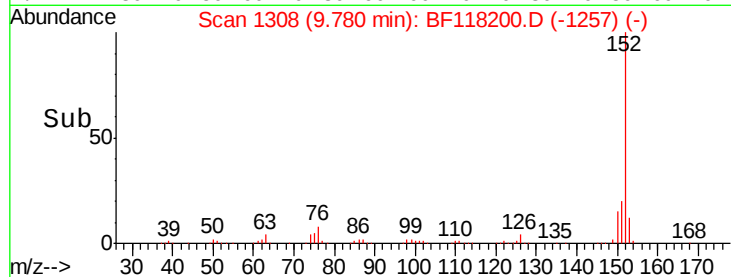
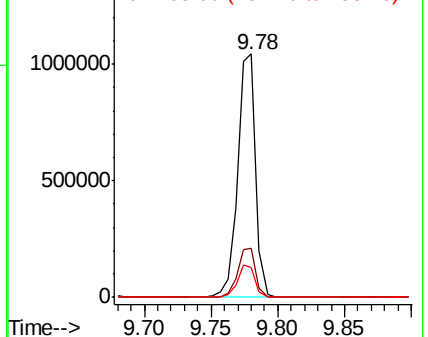
152 100

151 20.1 16.4 24.6

153 12.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.746 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

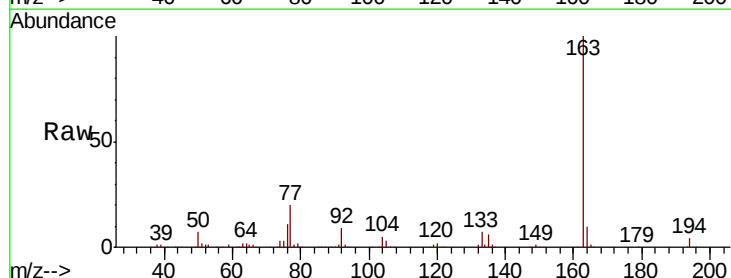
Tgt Ion:163 Resp: 737330

Ion Ratio Lower Upper

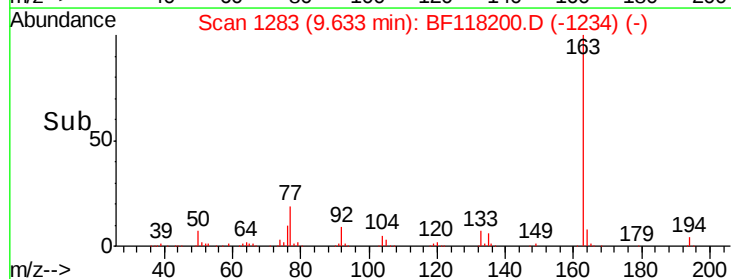
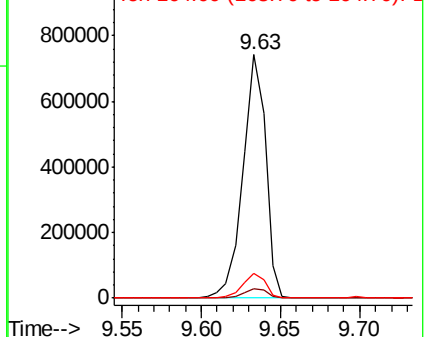
163 100

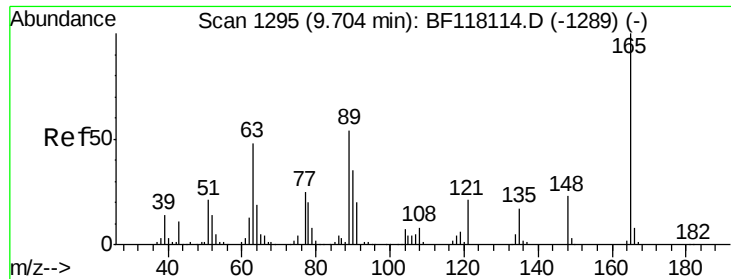
194 3.9 3.1 4.7

164 10.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

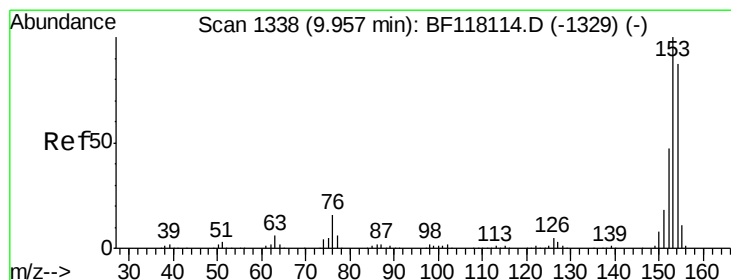
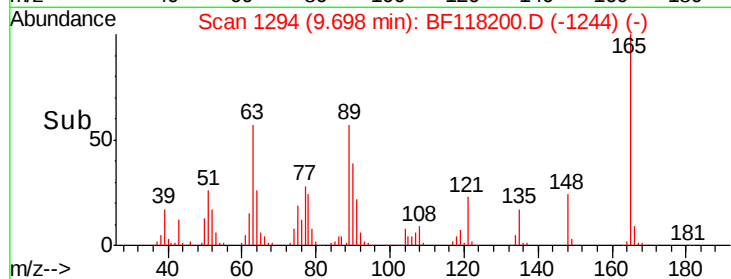
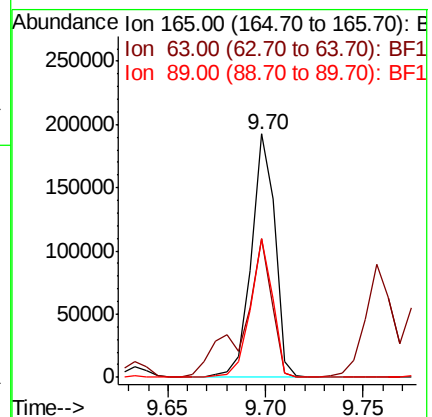
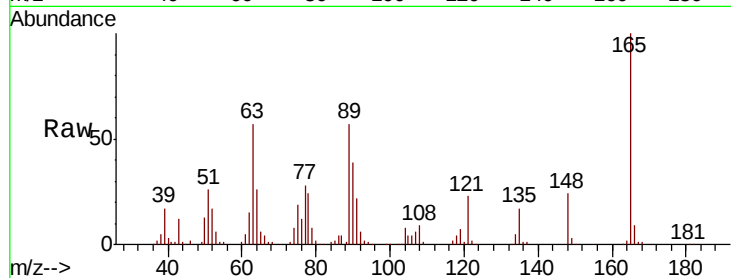




#51
2,6-Dinitrotoluene
Concen: 37.836 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

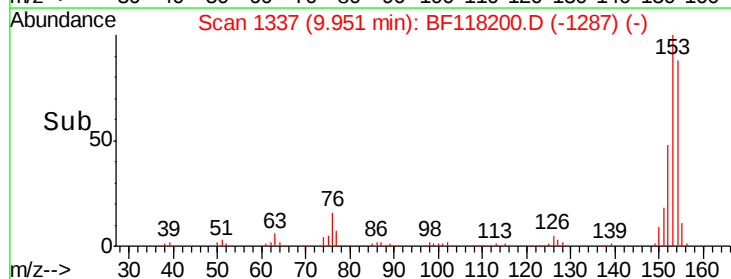
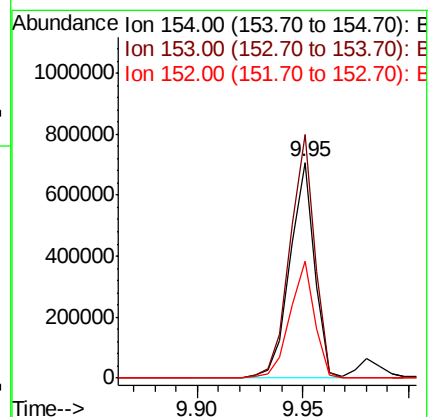
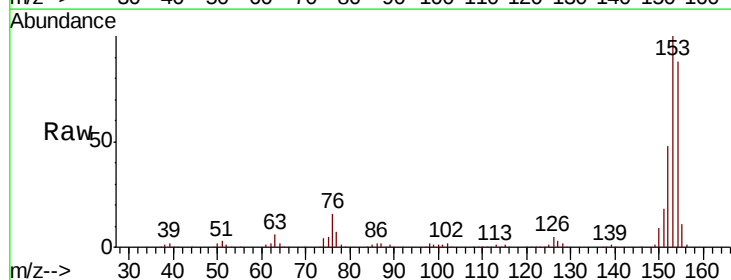
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

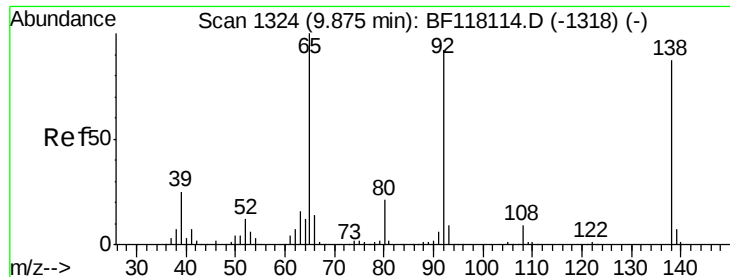
Tot Ion:165 Resp: 160709
Ion Ratio Lower Upper
165 100
63 56.7 41.4 62.0
89 57.2 42.9 64.3



#52
Acenaphthene
Concen: 38.299 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:154 Resp: 578480
Ion Ratio Lower Upper
154 100
153 113.0 91.8 137.6
152 54.4 43.3 64.9

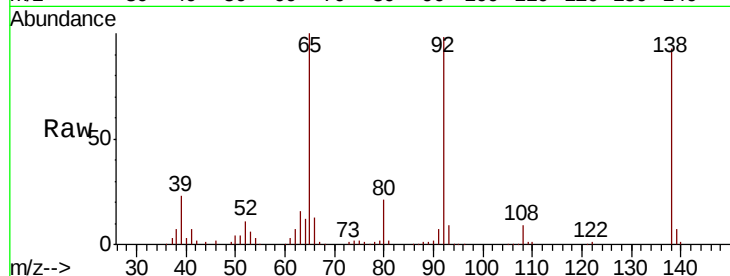




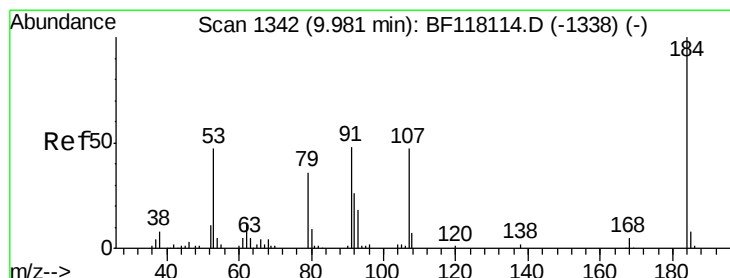
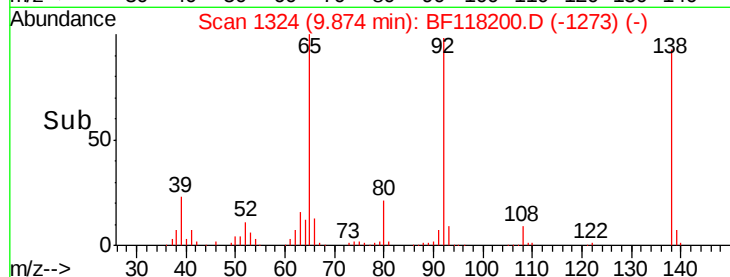
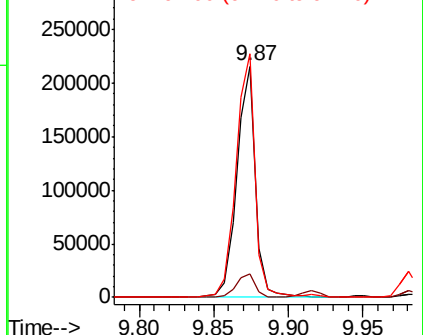
#53
3-Nitroaniline
Concen: 37.997 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 189937
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 105.5 84.9 127.3

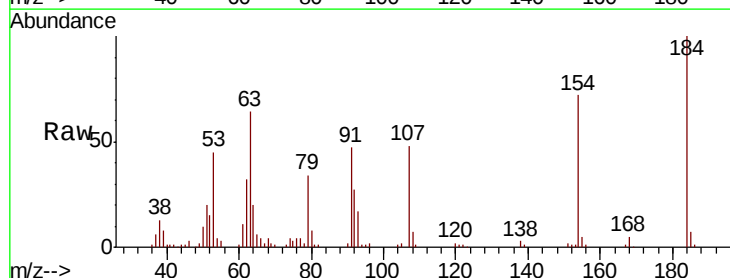


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

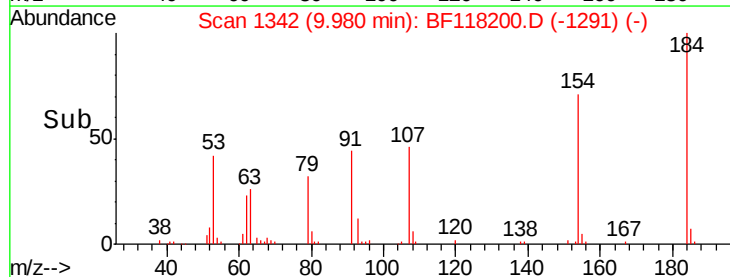
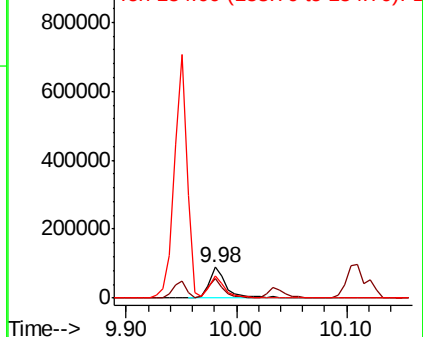


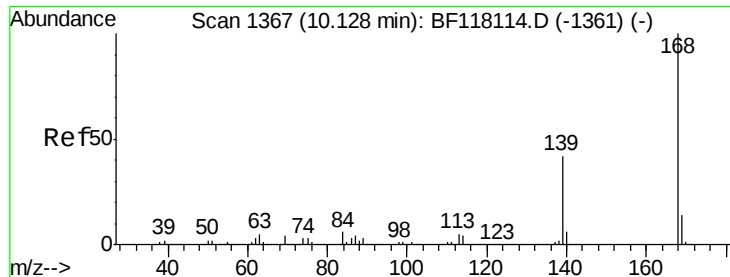
#54
2,4-Dinitrophenol
Concen: 43.387 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:184 Resp: 91685
Ion Ratio Lower Upper
184 100
63 63.6 53.9 80.9
154 71.7 56.3 84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

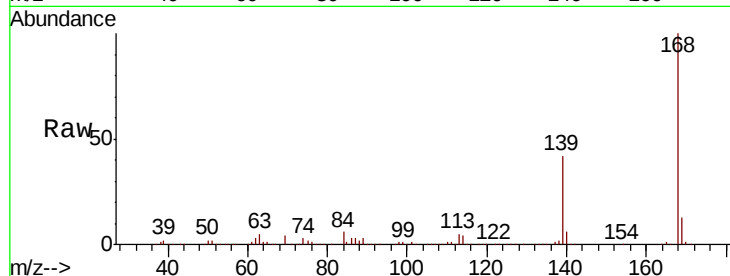




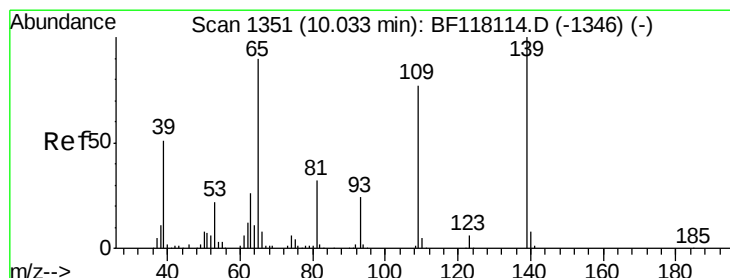
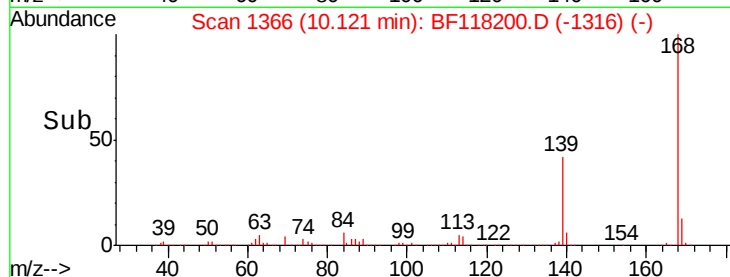
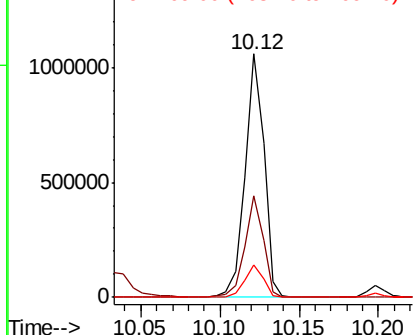
#55
Dibenzenofuran
Concen: 39.480 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 873757
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.0
169 13.4 11.0 16.6

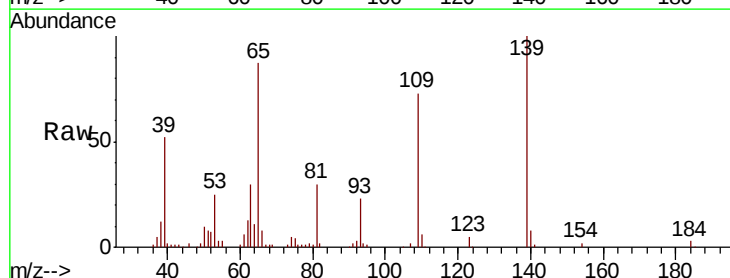


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

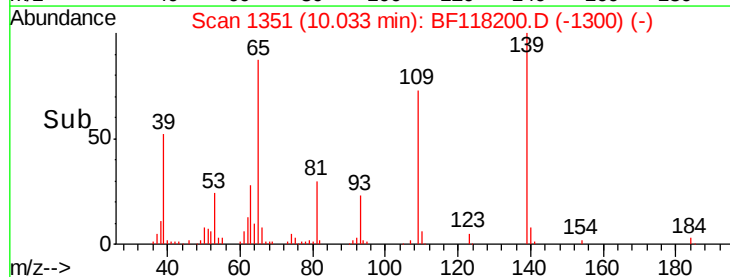
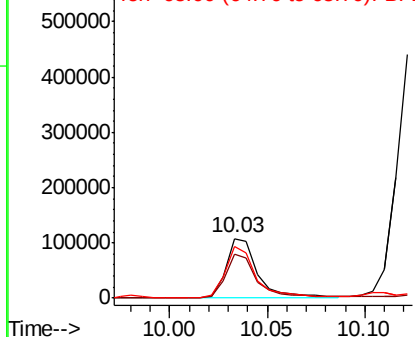


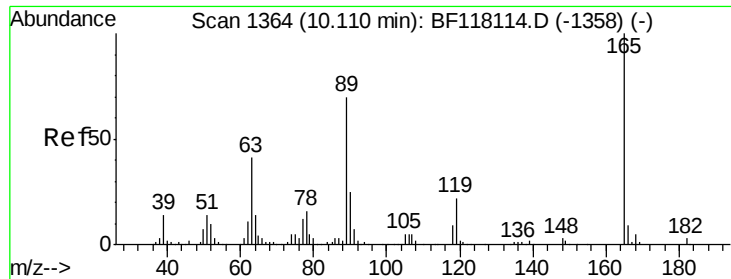
#56
4-Nitrophenol
Concen: 35.242 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:139 Resp: 122257
Ion Ratio Lower Upper
139 100
109 73.4 57.3 97.3
65 87.4 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

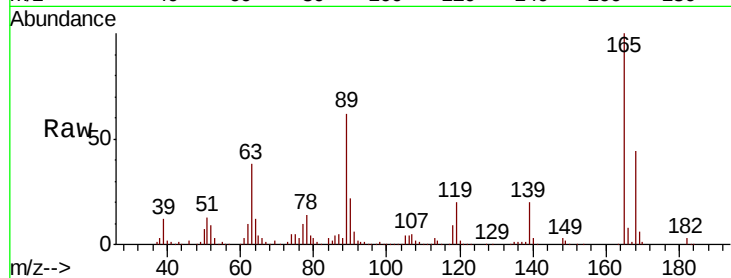




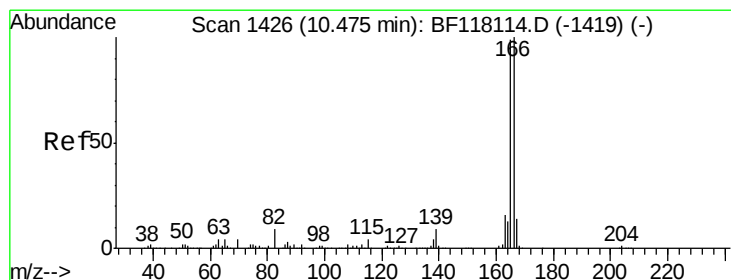
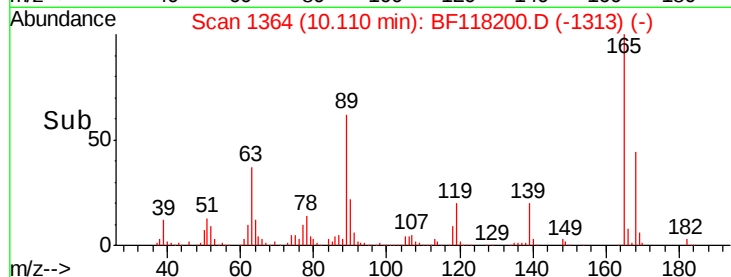
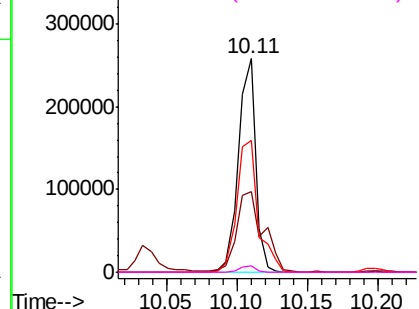
#57
2,4-Dinitrotoluene
Concen: 38.984 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp: 221011
Ion Ratio	Lower Upper
165 100	
63 37.6	32.6 49.0
89 61.7	56.1 84.1
182 2.8	2.1 3.1

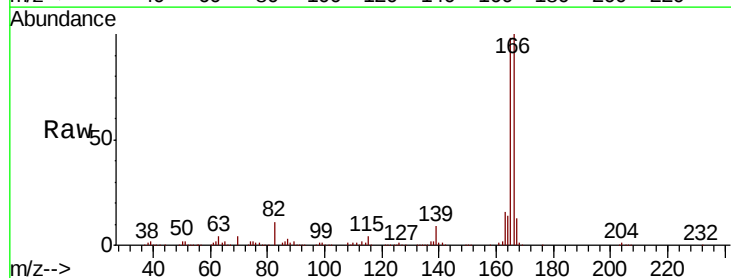


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

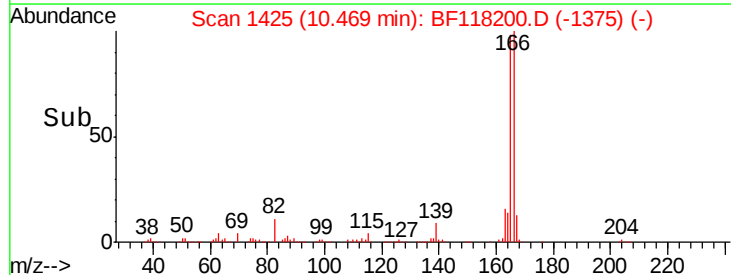
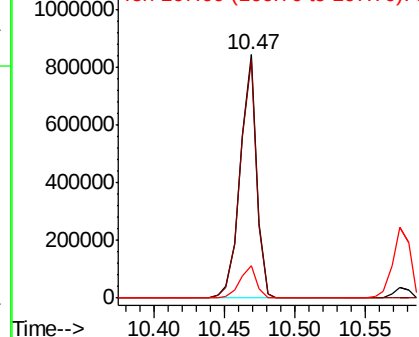


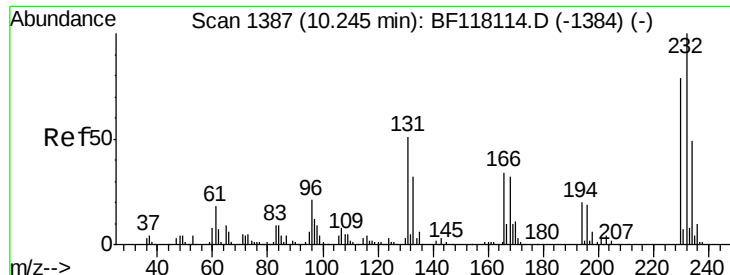
#58
Fluorene
Concen: 38.774 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt	Ion:166	Resp:	681954
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.1	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

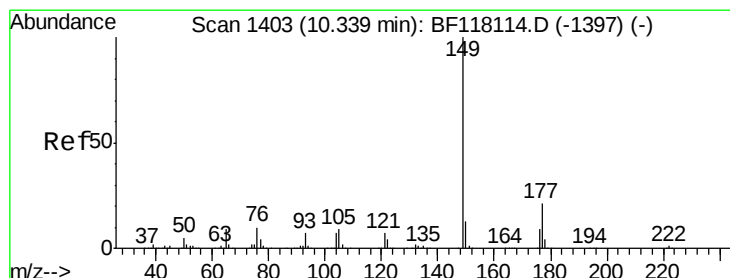
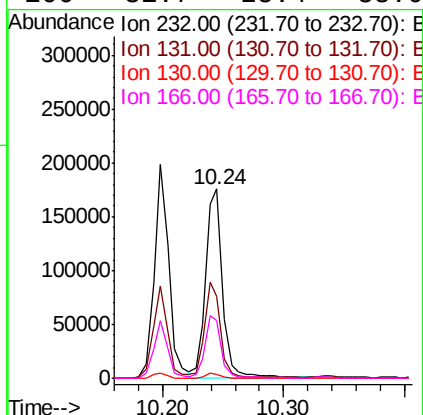
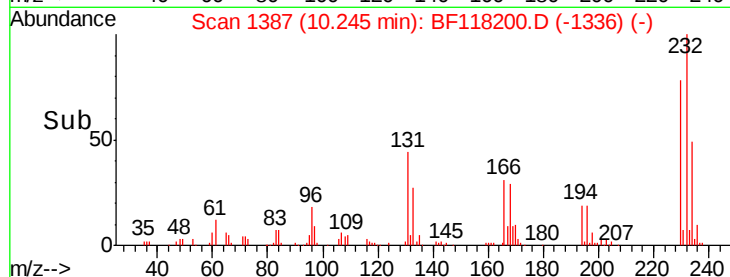
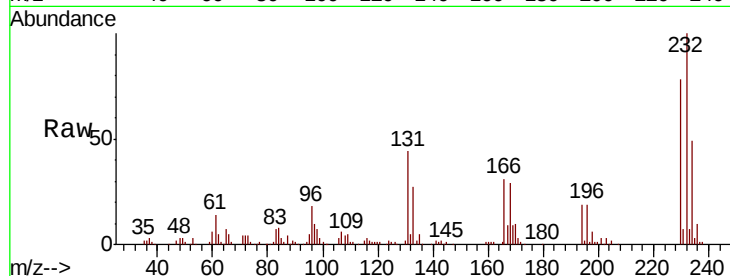




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.386 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

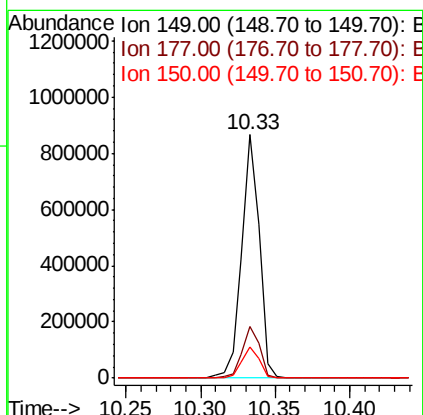
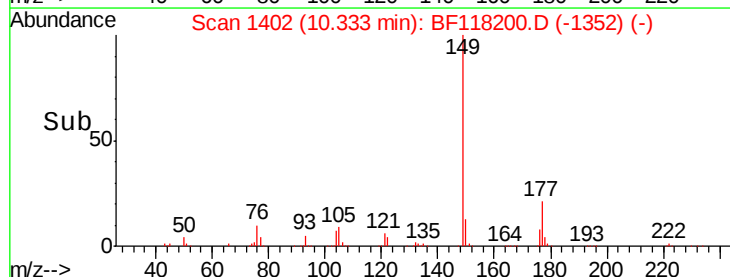
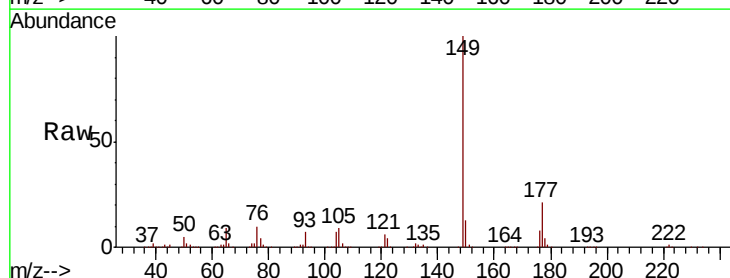
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

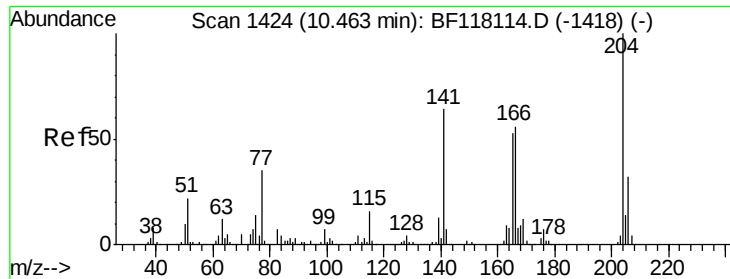
Tot Ion:232 Resp: 170932
Ion Ratio Lower Upper
232 100
131 49.3 38.8 58.2
130 2.6 1.9 2.9
166 31.7 25.4 38.0



#60
Diethylphthalate
Concen: 37.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:149 Resp: 712102
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.4
150 12.7 10.1 15.1

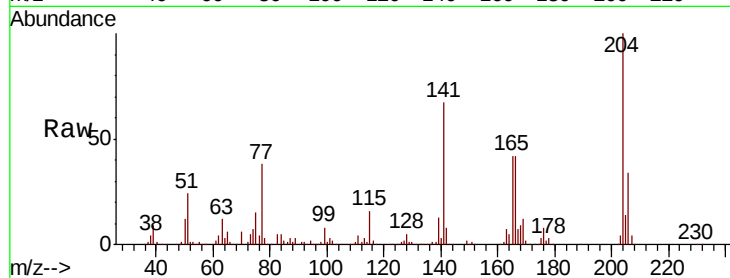




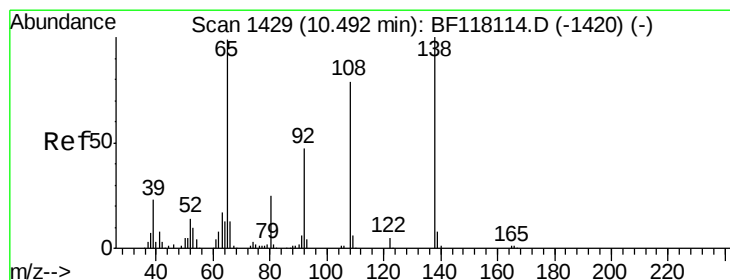
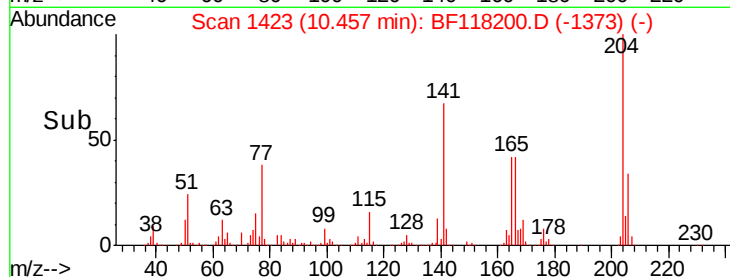
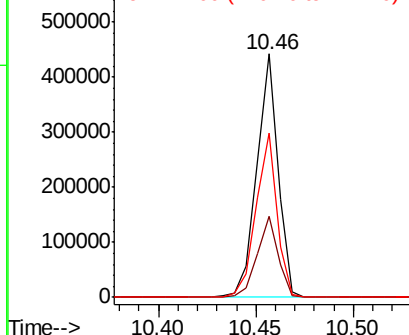
#61
4-Chlorophenyl-phenylether
Concen: 37.974 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 336048
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 67.3 51.0 76.6

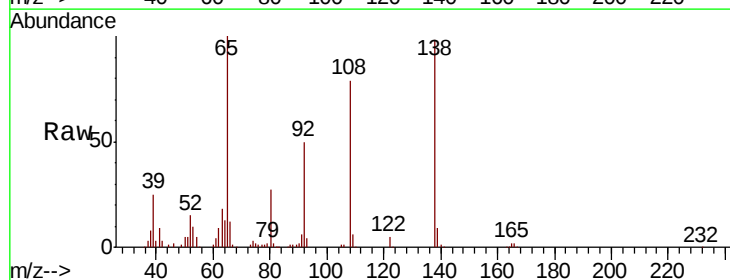


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

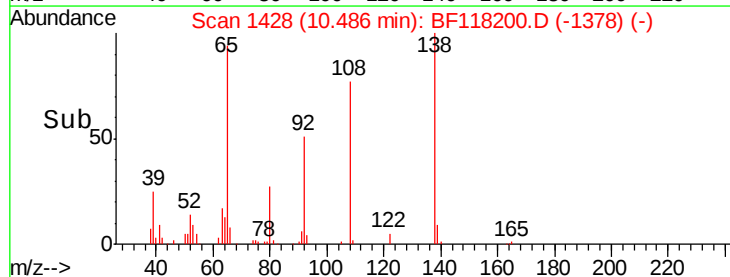
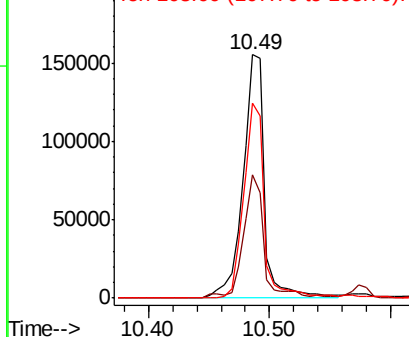


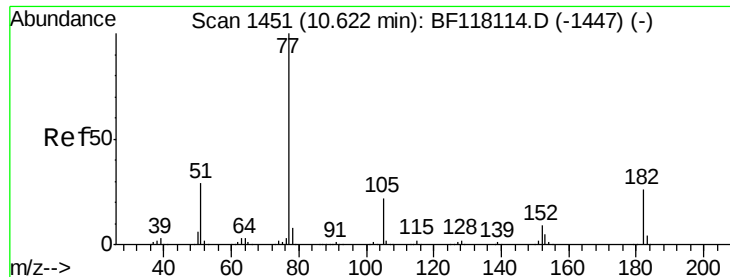
#62
4-Nitroaniline
Concen: 37.187 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:138 Resp: 193873
Ion Ratio Lower Upper
138 100
92 50.9 27.1 67.1
108 80.3 59.0 99.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.866 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 622123

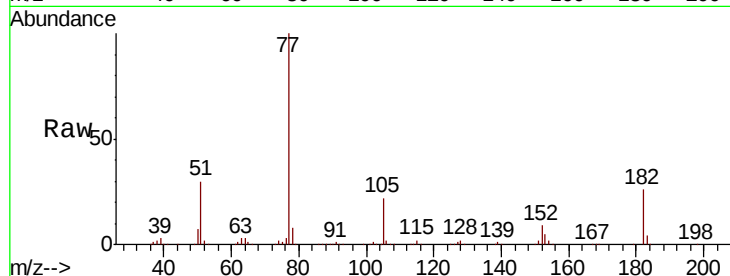
Ion Ratio Lower Upper

77 100

182 25.8 5.7 45.7

105 21.7 2.2 42.2

51 29.7 9.6 49.6

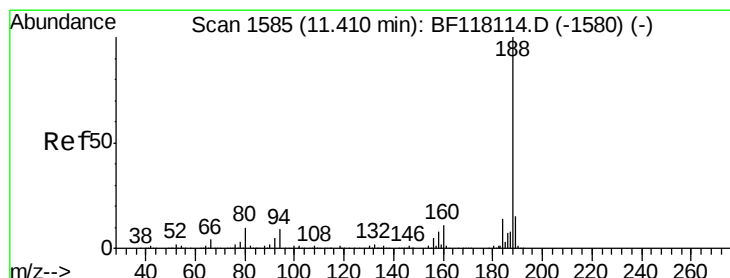
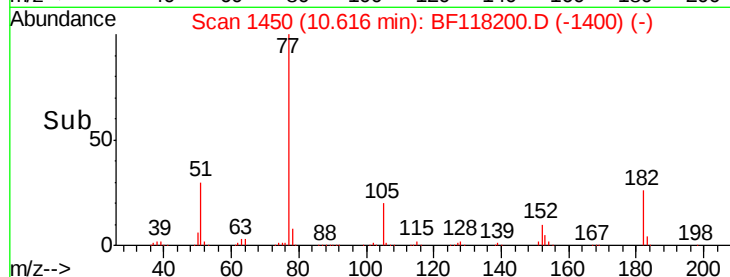
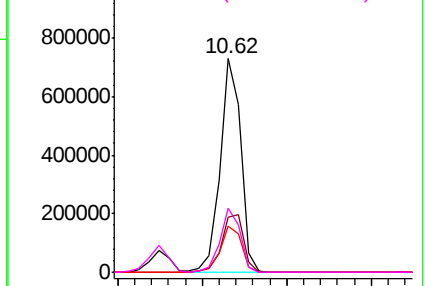


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

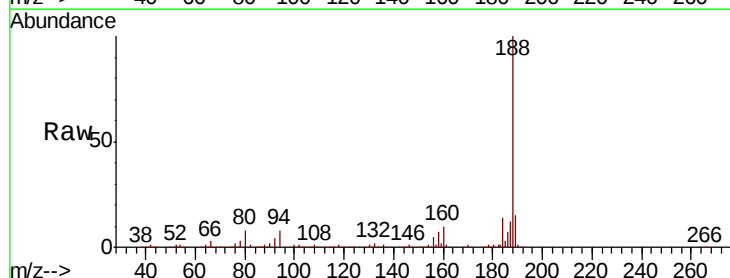
Tgt Ion: 188 Resp: 482329

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

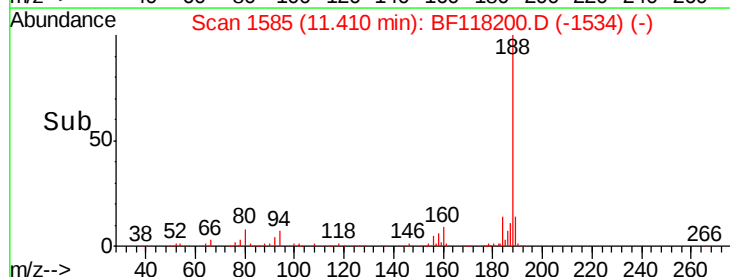
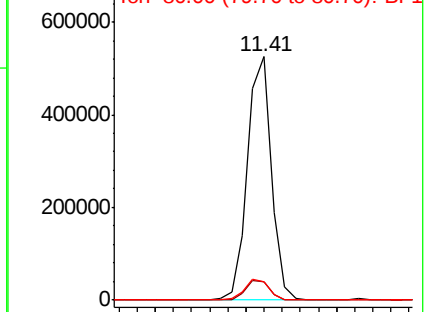
80 7.8 7.9 11.9#

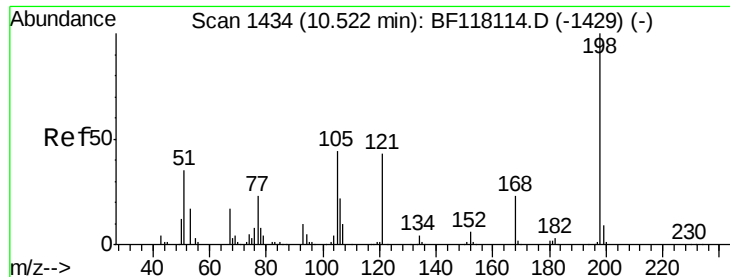


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.758 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

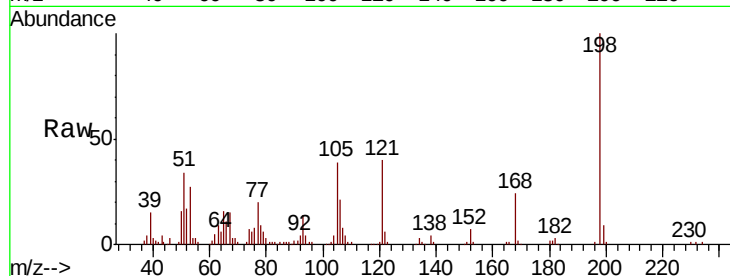
Tot Ion:198 Resp: 95248

Ion Ratio Lower Upper

198 100

51 33.7 22.0 62.0

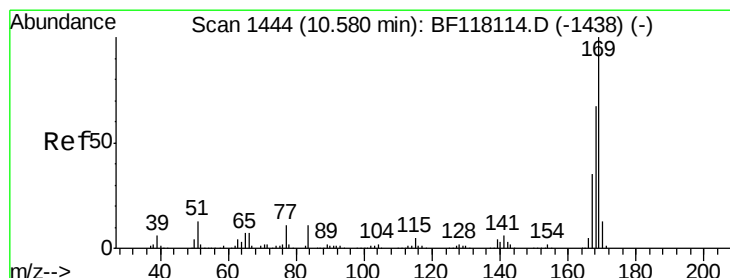
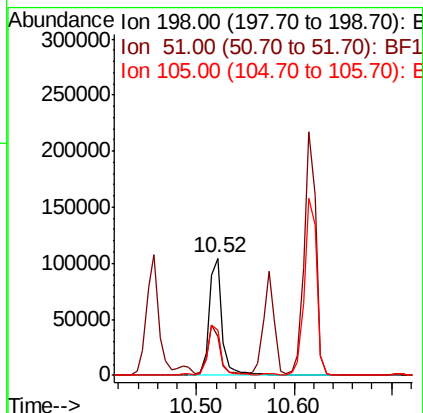
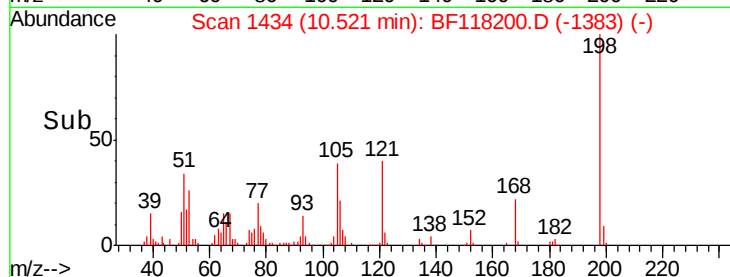
105 38.9 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.131 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

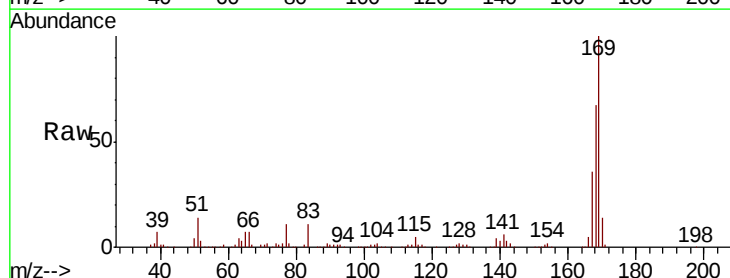
Tgt Ion:169 Resp: 589397

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.2

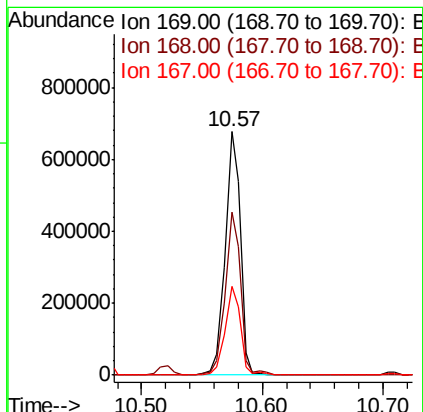
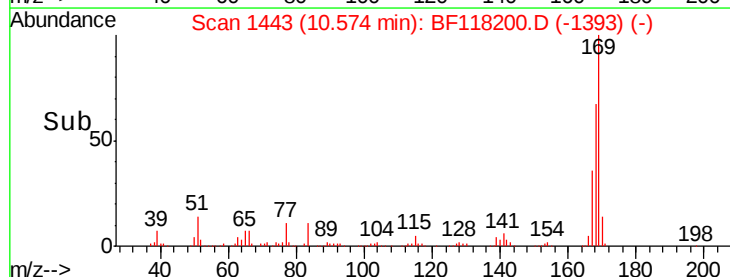
167 36.4 28.4 42.6

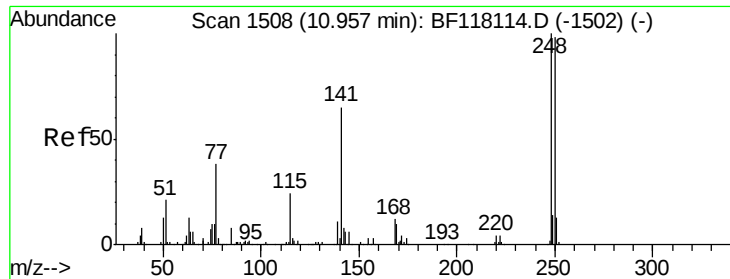


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

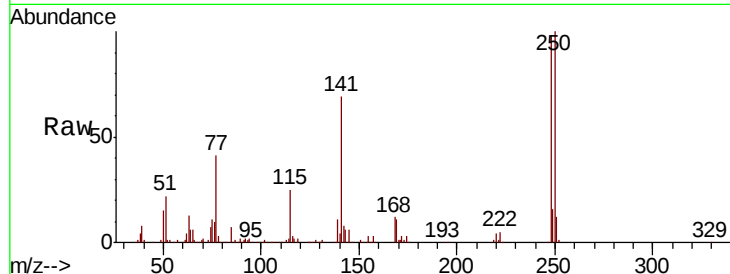




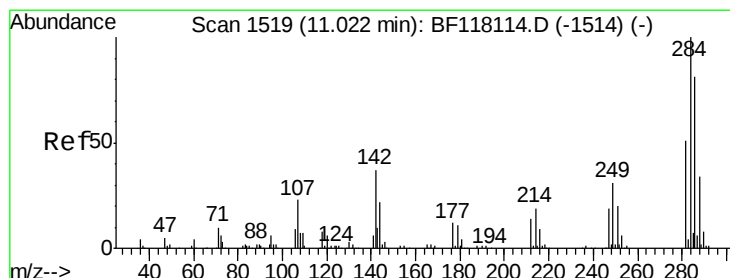
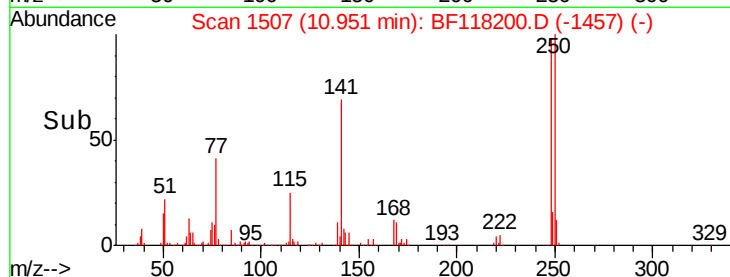
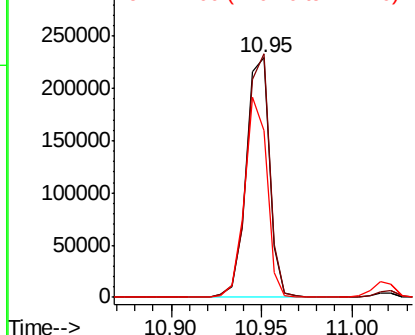
#67
4-Bromophenyl-phenylether
Concen: 37.317 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 205461
Ion Ratio Lower Upper
248 100
250 101.8 78.3 117.5
141 69.9 52.2 78.4

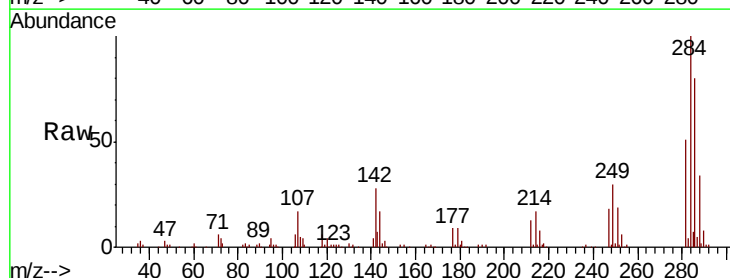


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

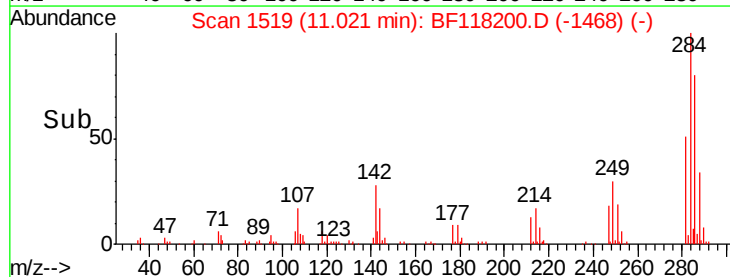
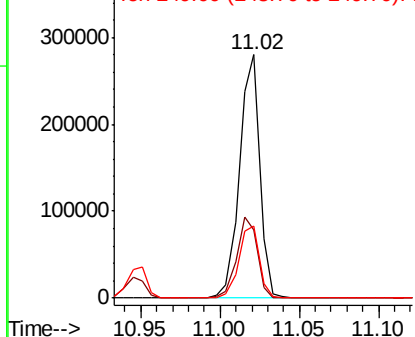


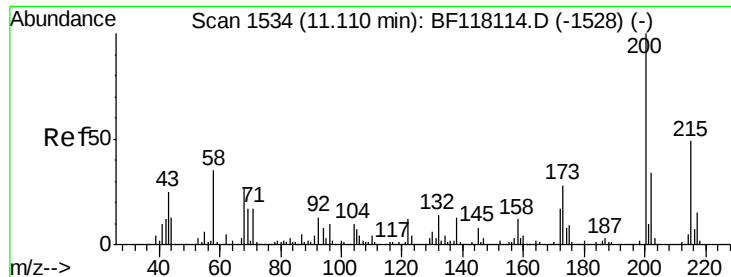
#68
Hexachlorobenzene
Concen: 38.163 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:284 Resp: 247319
Ion Ratio Lower Upper
284 100
142 28.2 29.7 44.5#
249 29.9 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

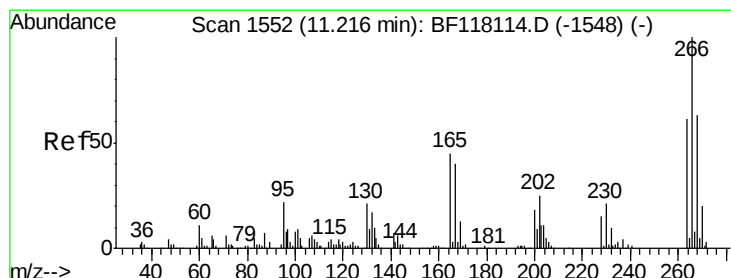
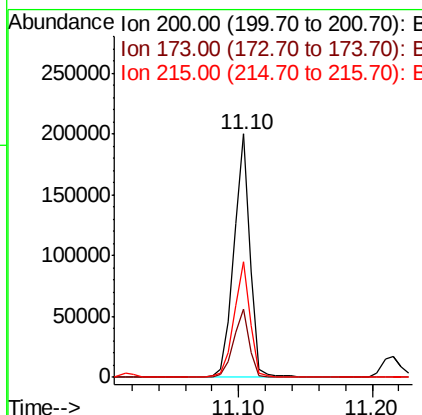
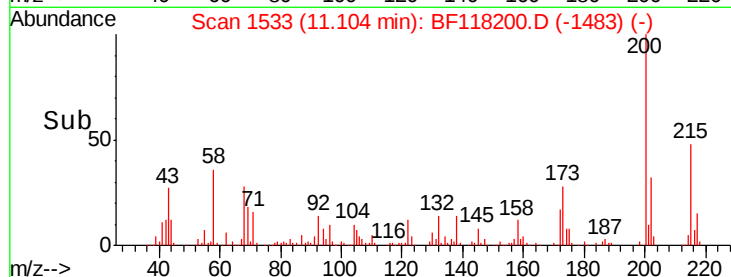
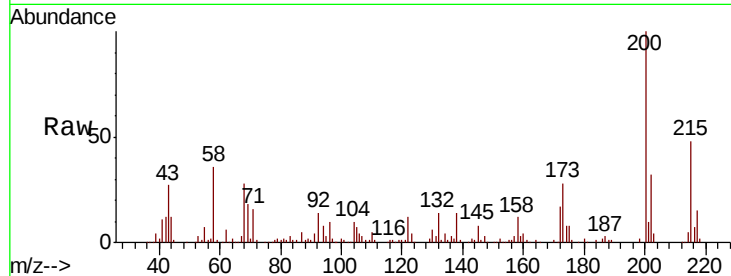




#69
Atrazine
Concen: 41.342 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

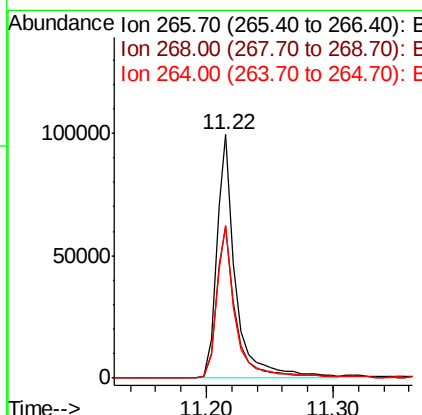
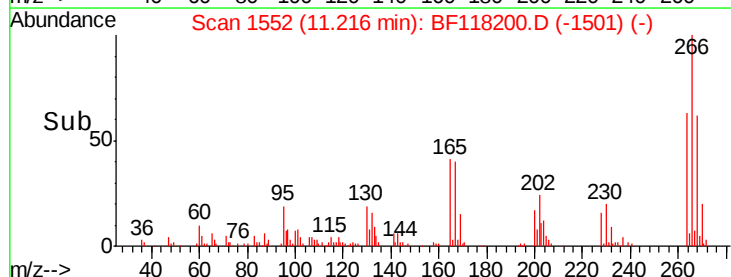
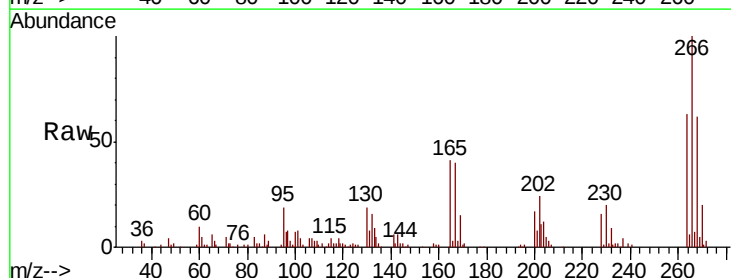
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

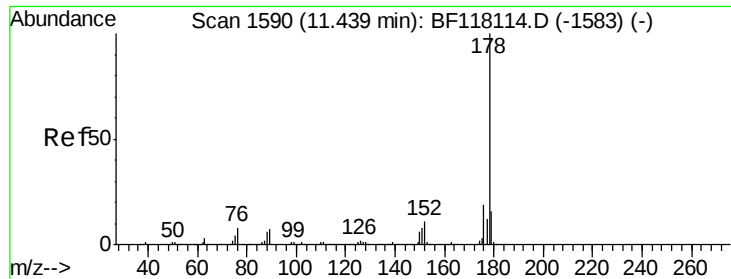
Tot Ion:200 Resp: 170792
Ion Ratio Lower Upper
200 100
173 27.9 8.1 48.1
215 47.6 29.0 69.0



#70
Pentachlorophenol
Concen: 34.168 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion:266 Resp: 104132
Ion Ratio Lower Upper
266 100
268 62.5 50.7 76.1
264 63.0 48.7 73.1





#71

Phenanthrene

Concen: 39.066 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

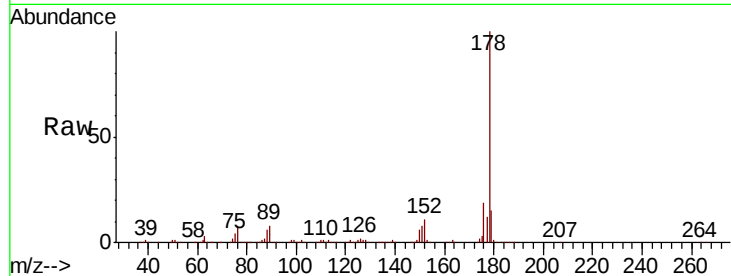
Tot Ion:178 Resp: 1001648

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

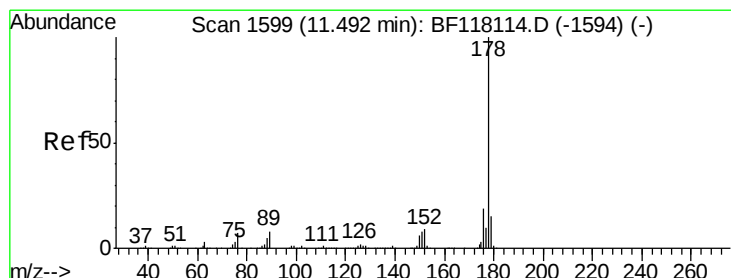
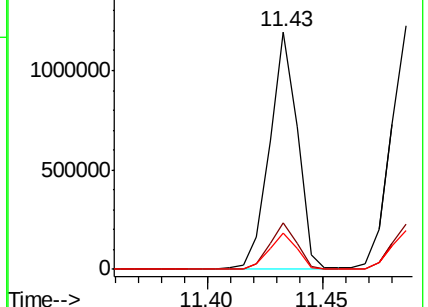
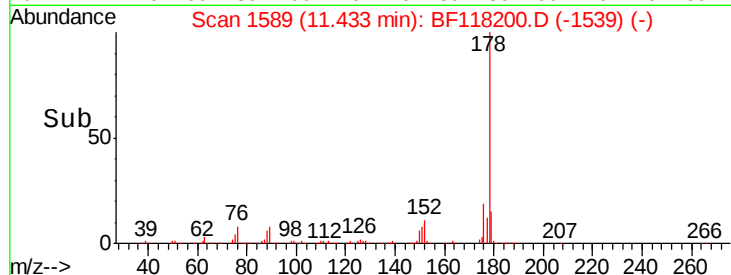
179 15.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.149 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

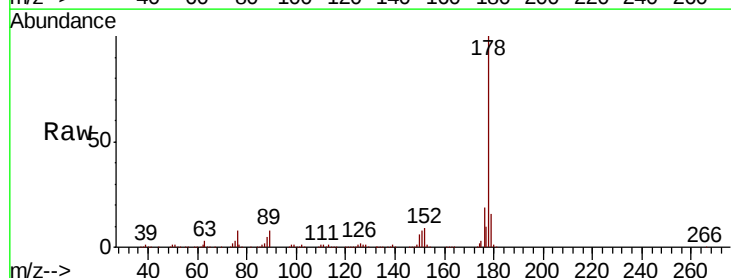
Tgt Ion:178 Resp: 1001349

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

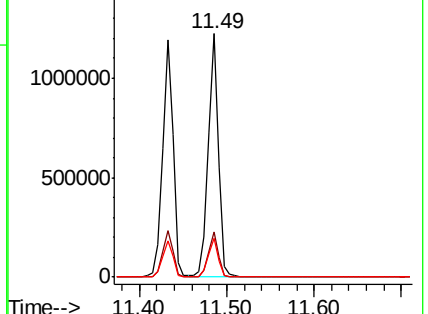
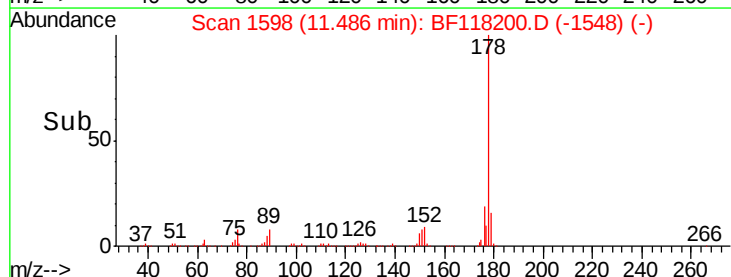
179 15.7 12.2 18.4

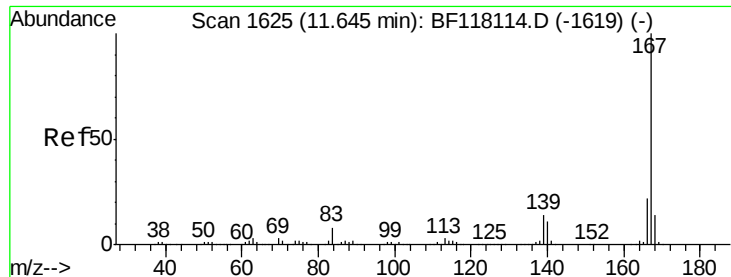


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.108 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

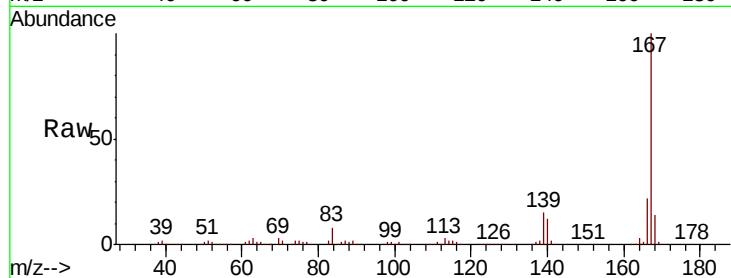
Tot Ion:167 Resp: 897499

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

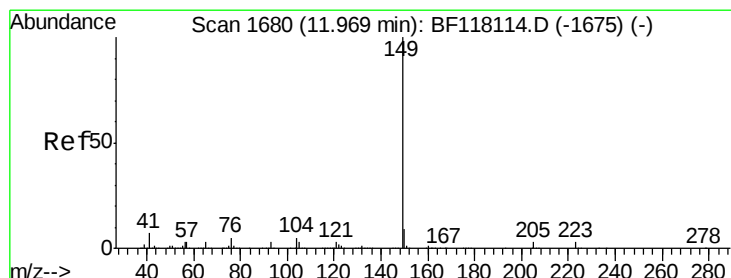
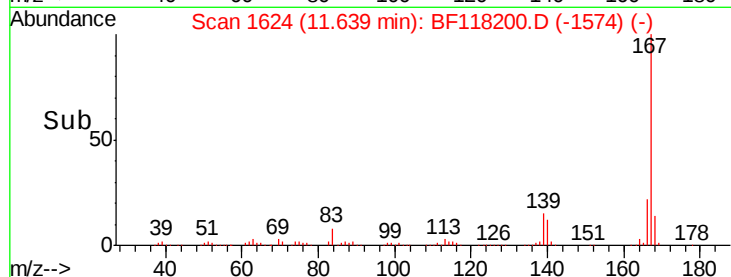
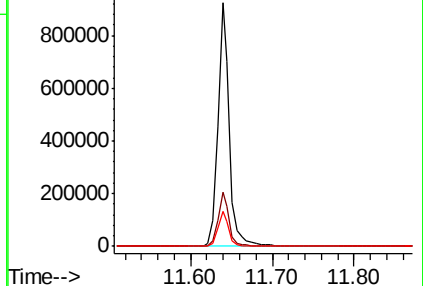
139 14.6 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.948 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

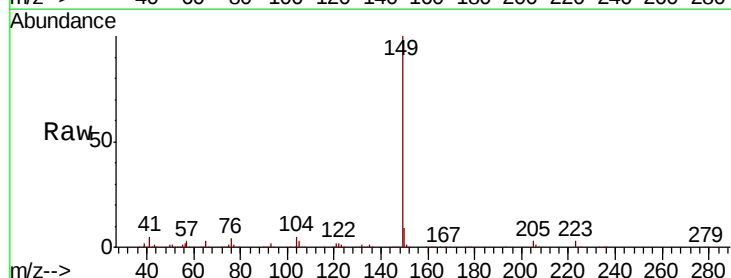
Tgt Ion:149 Resp: 1032461

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

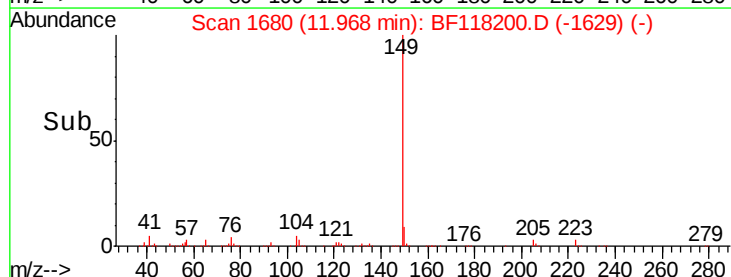
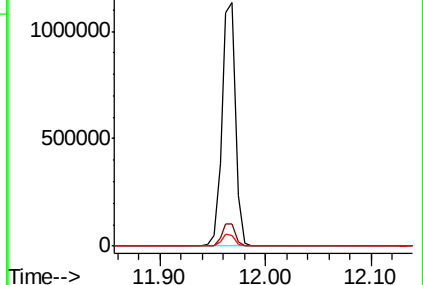
104 4.6 4.3 6.5

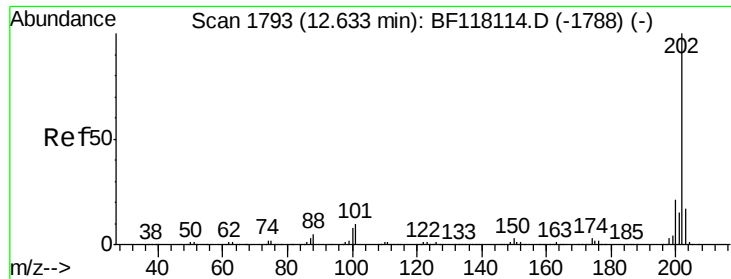


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.139 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

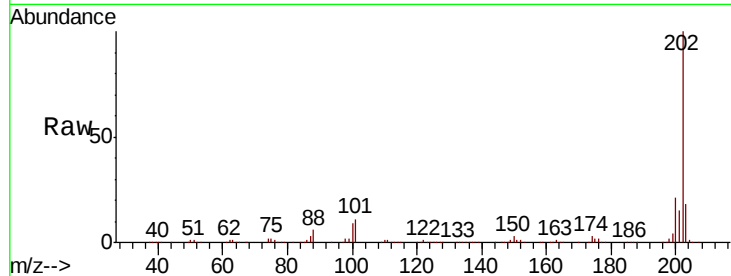
Tot Ion:202 Resp: 999781

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

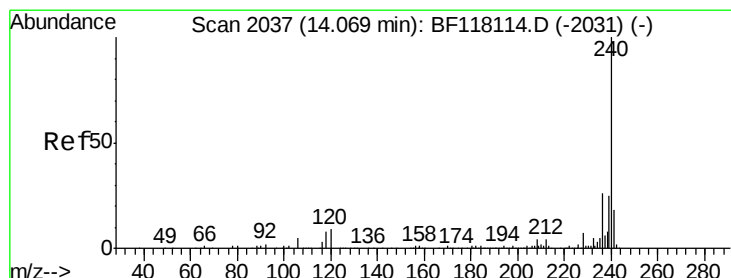
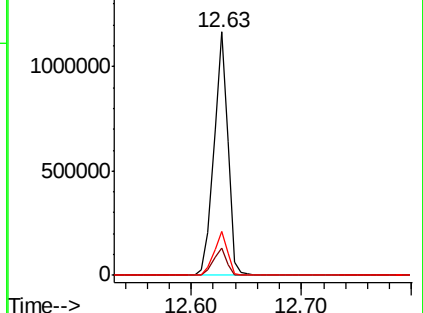
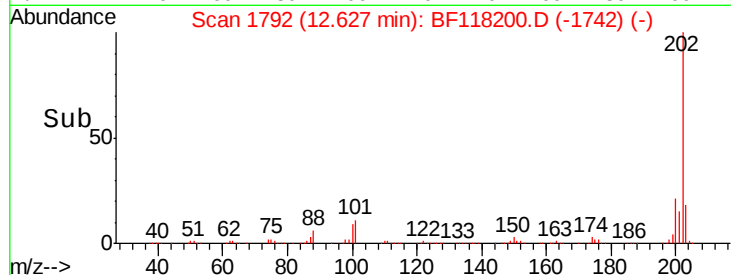
203 17.8 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

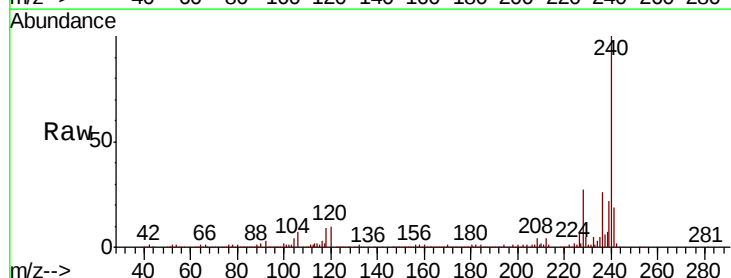
Tgt Ion:240 Resp: 326247

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

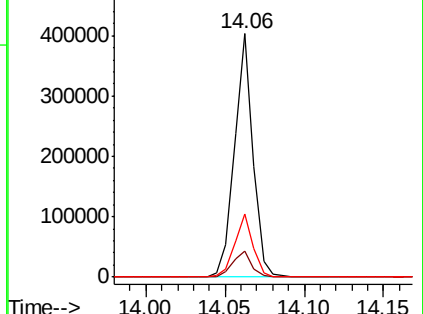
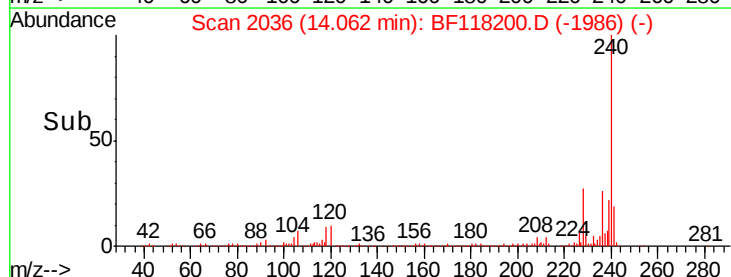
236 25.7 21.0 31.6

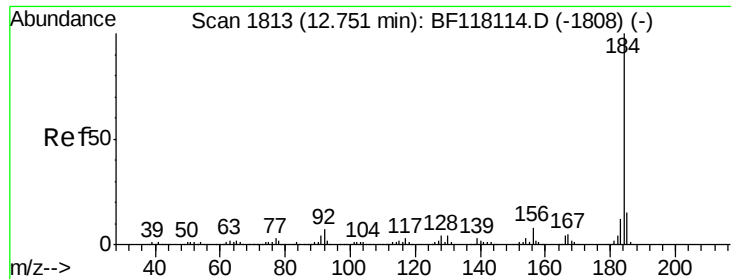


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.573 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

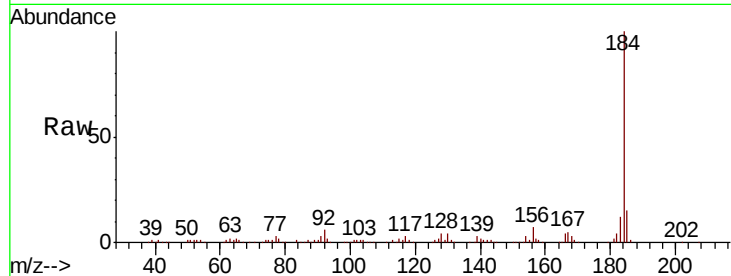
Tot Ion:184 Resp: 322692

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

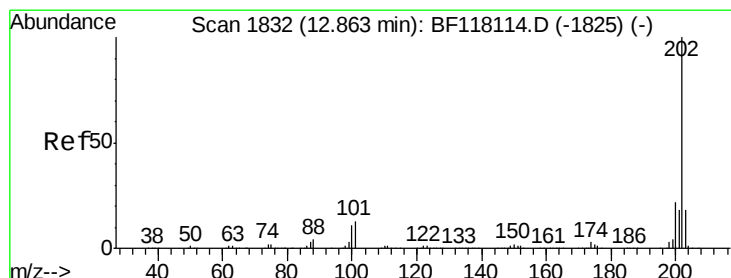
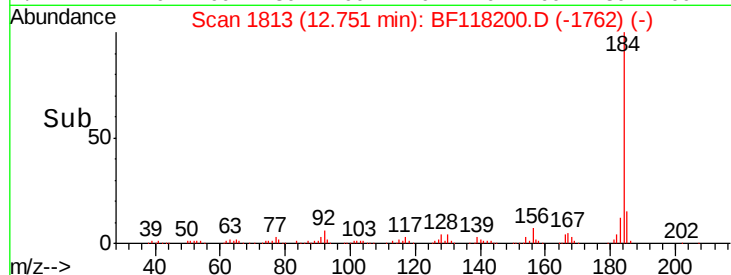
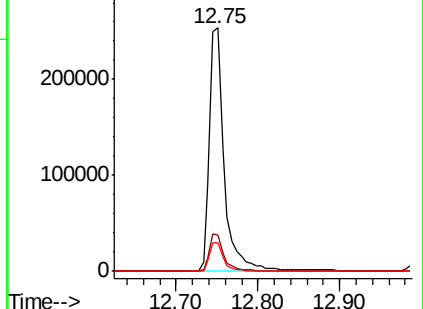
183 11.6 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.208 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

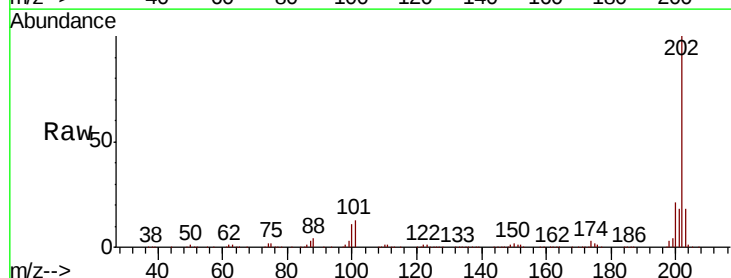
Tgt Ion:202 Resp: 1008038

Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

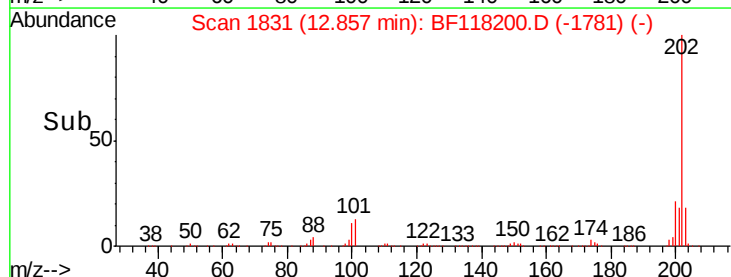
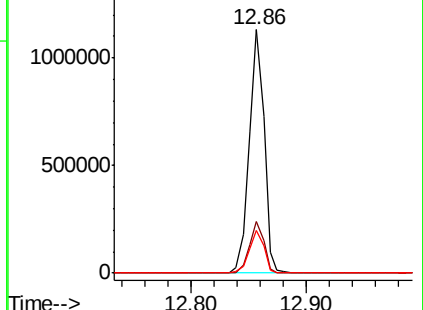
203 17.6 14.6 21.8

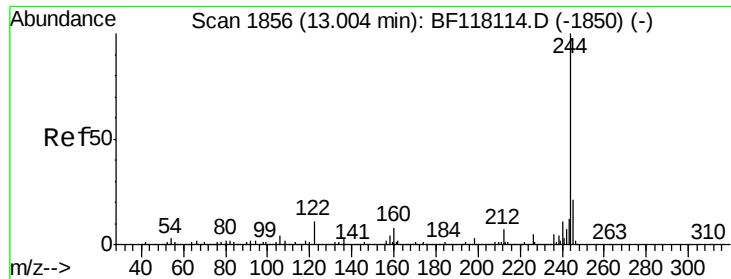


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.582 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

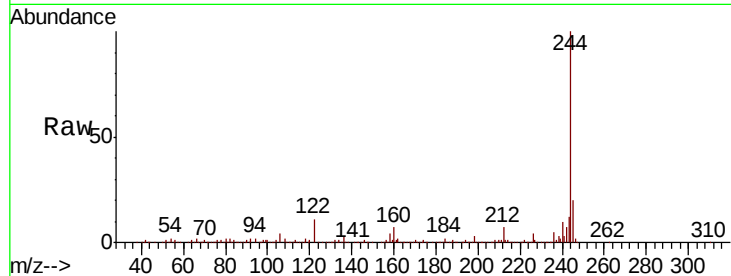
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1452920

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.5	9.0	13.6

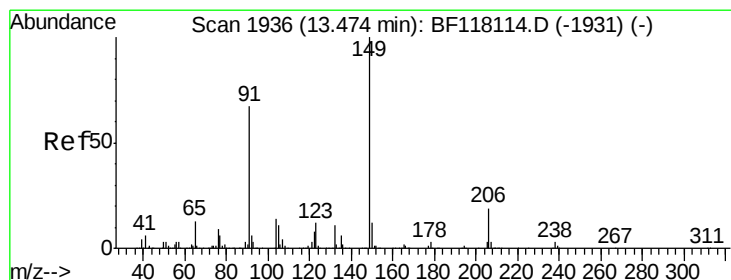
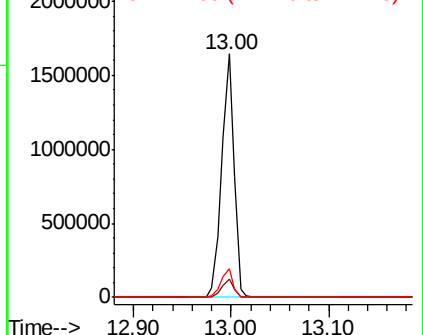
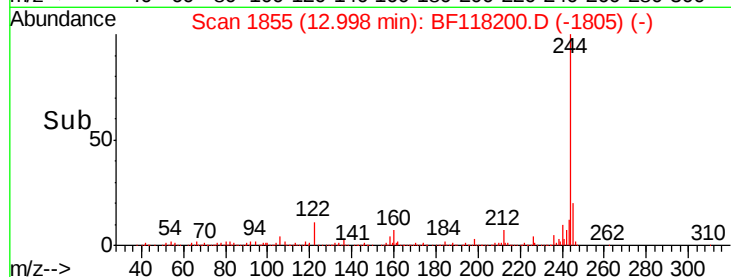


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.225 ng

RT: 13.47 min Scan# 1935

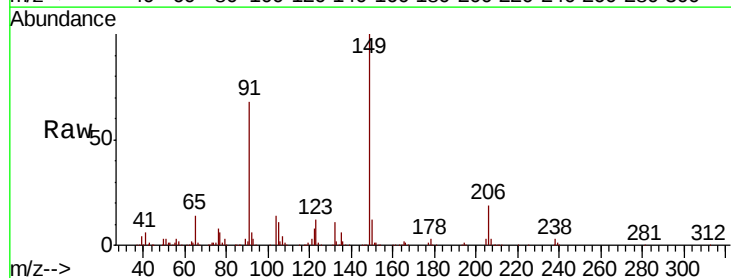
Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Tgt Ion:149 Resp: 421781

Ion	Ratio	Lower	Upper
149	100		
91	67.7	53.9	80.9
206	19.3	15.2	22.8

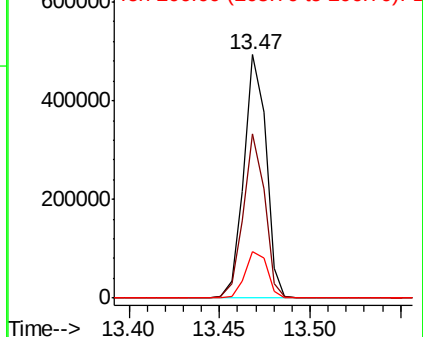
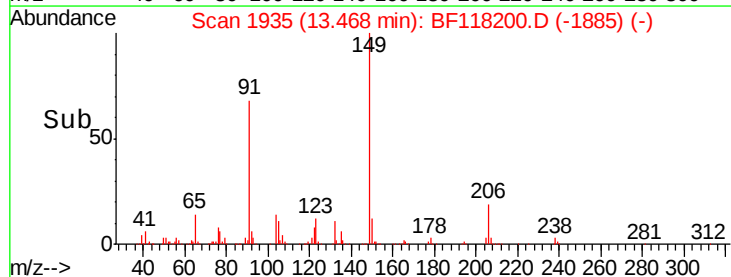


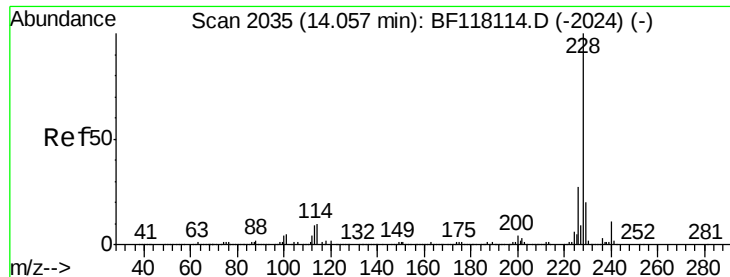
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.137 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

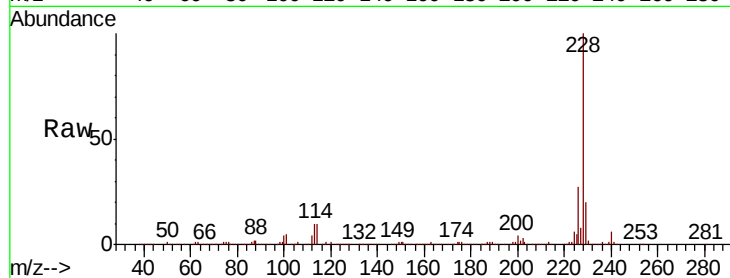
Tot Ion:228 Resp: 860329

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

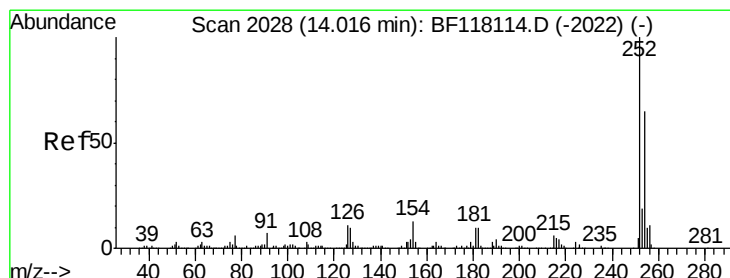
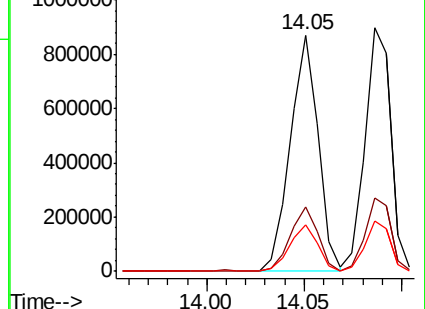
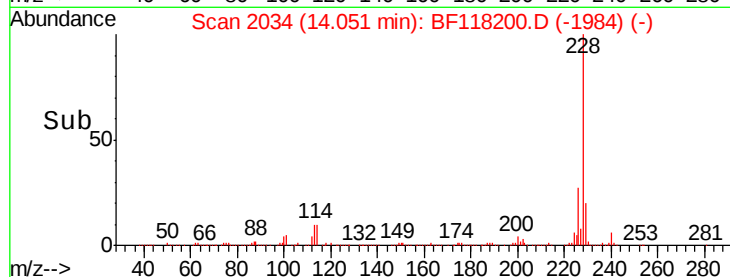
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.804 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

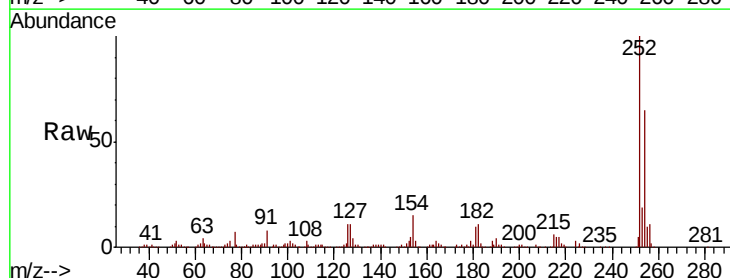
Tgt Ion:252 Resp: 280081

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.4

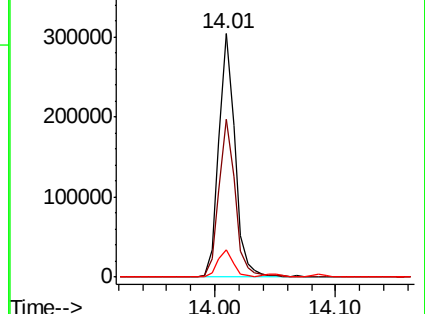
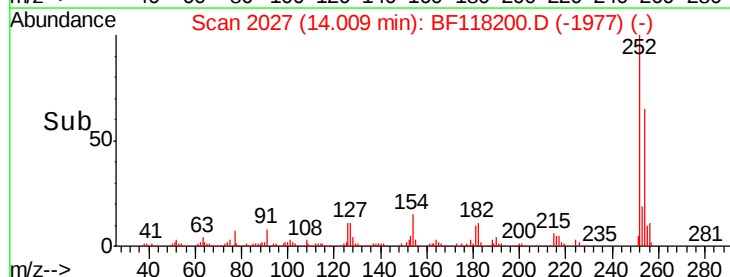
126 11.1 8.6 13.0

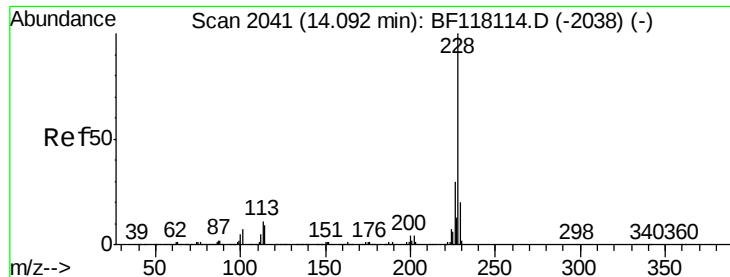


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.355 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

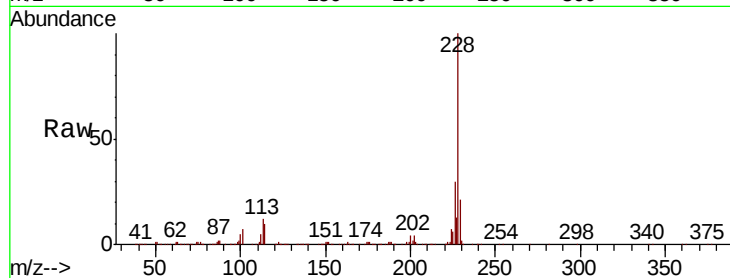
Tot Ion:228 Resp: 826498

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

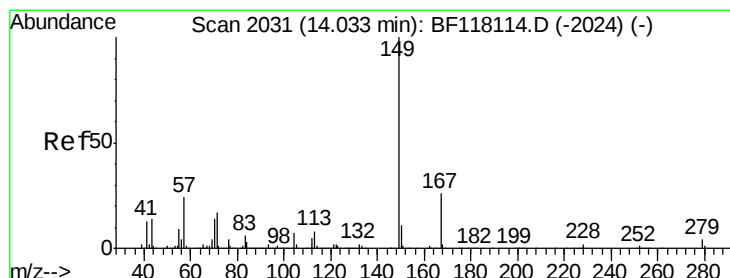
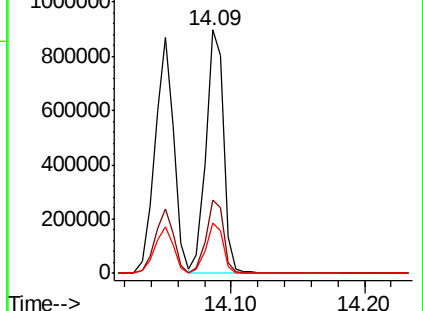
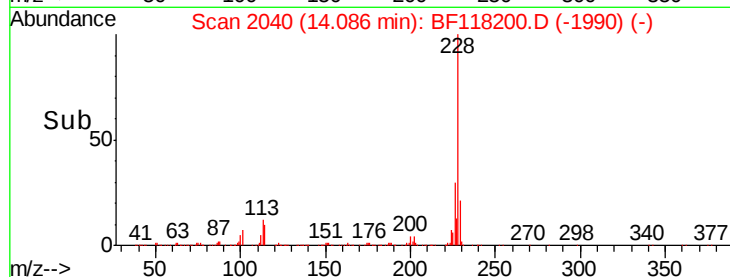
229 20.5 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.963 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

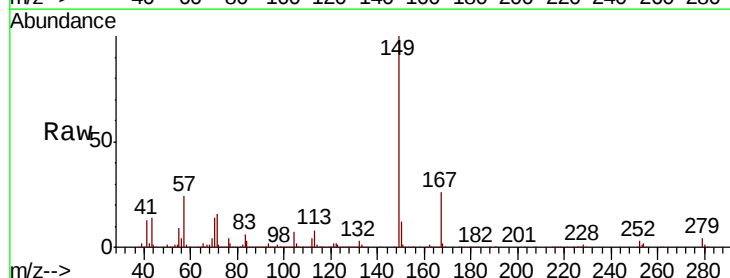
Tgt Ion:149 Resp: 521440

Ion Ratio Lower Upper

149 100

167 26.1 20.8 31.2

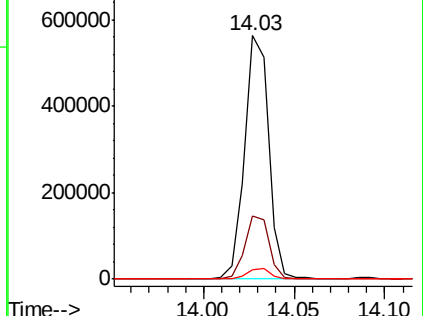
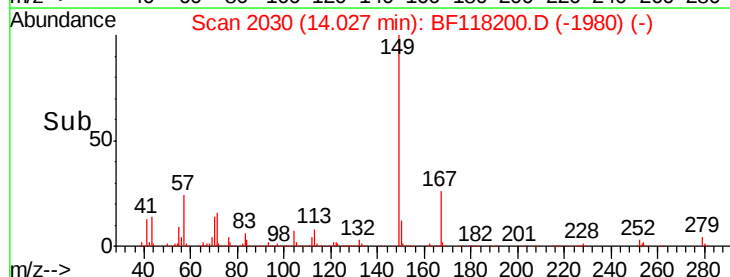
279 3.9 2.9 4.3

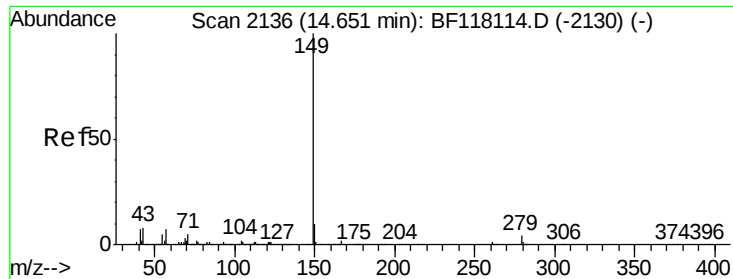


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.153 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

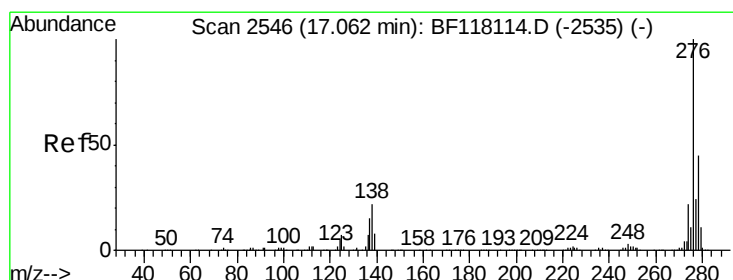
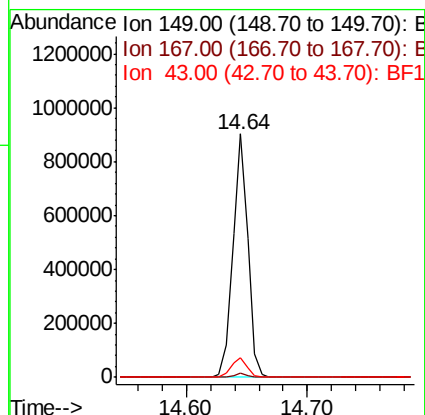
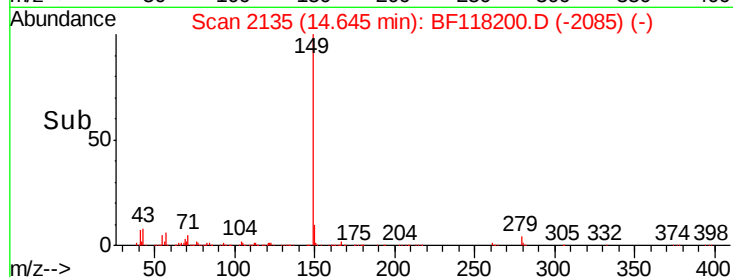
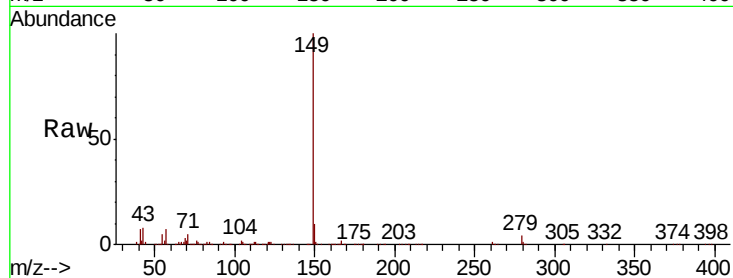
Tot Ion:149 Resp: 771053

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 6.5 9.7



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.333 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

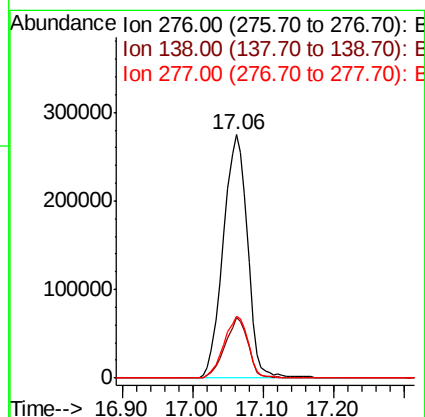
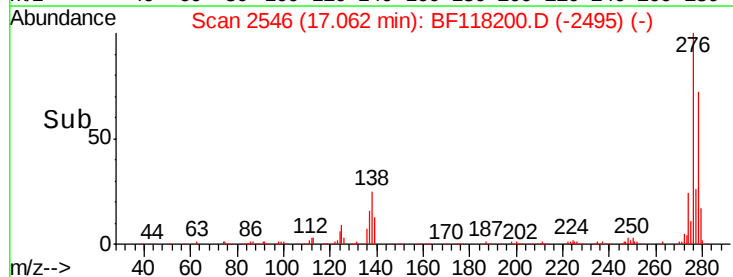
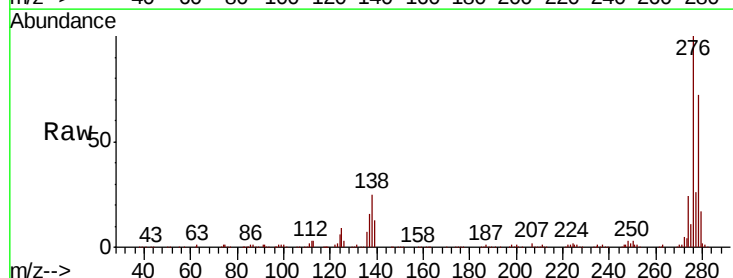
Tgt Ion:276 Resp: 658762

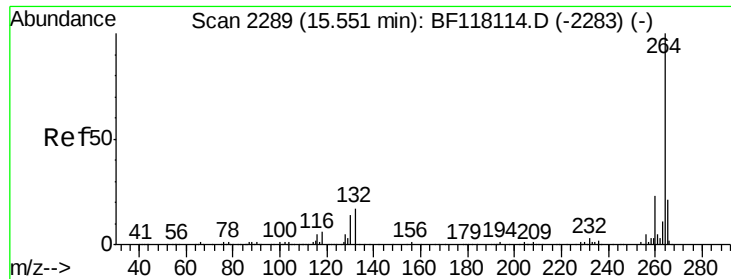
Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

277 25.5 20.4 30.6

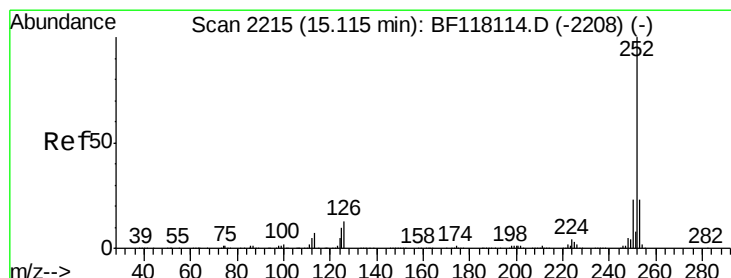
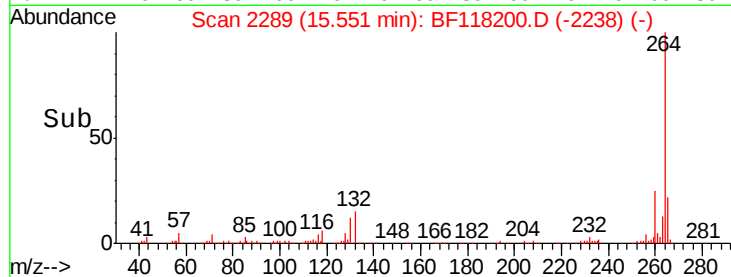
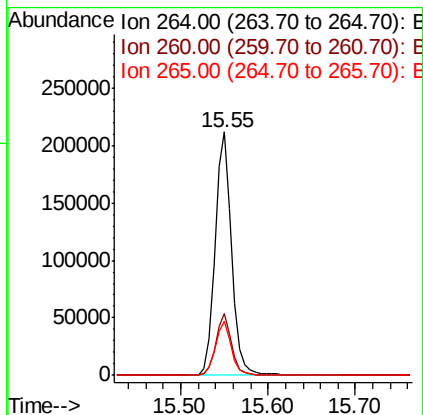
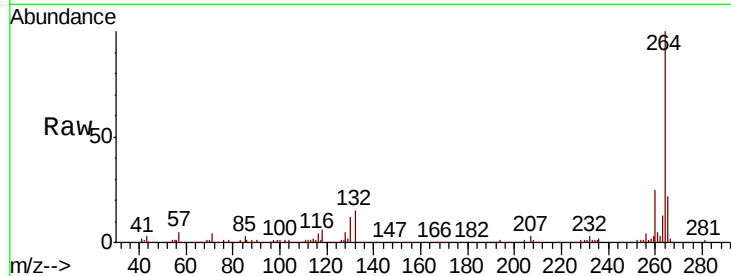




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

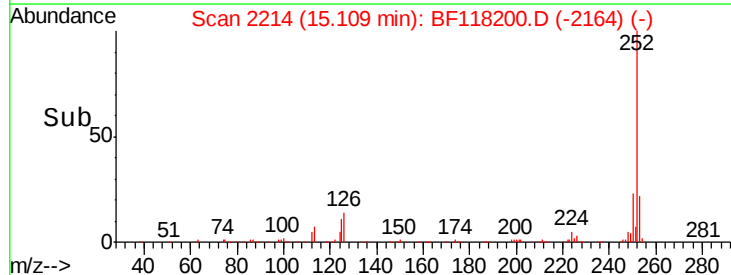
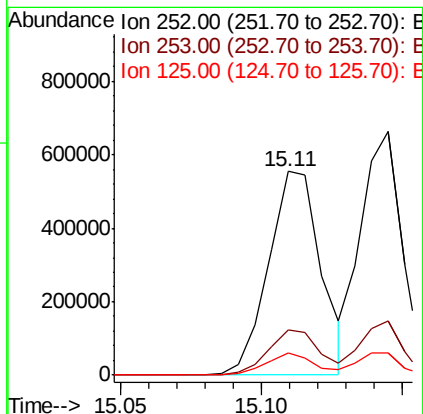
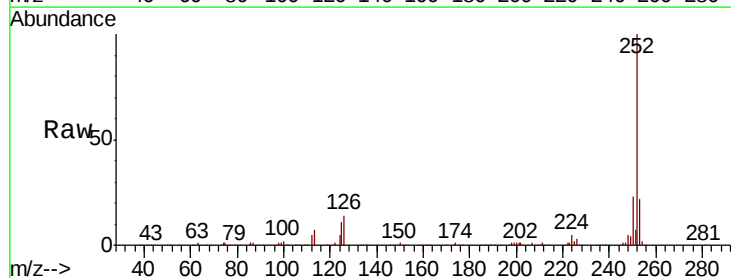
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

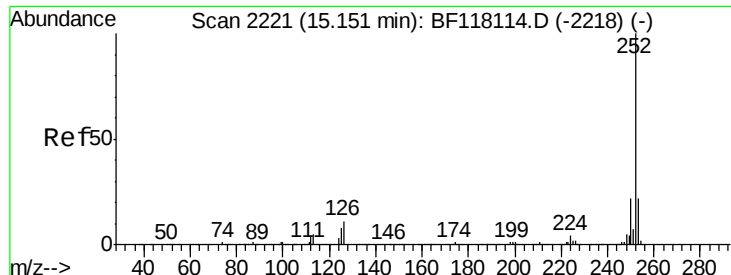
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	28.0
265	22.1	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 39.144 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118200.D
Acq: 16 Dec 2019 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.6	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 38.936 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

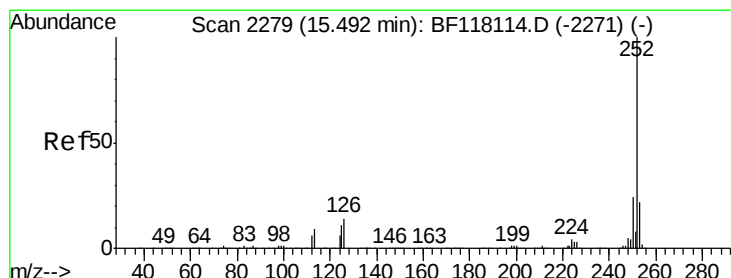
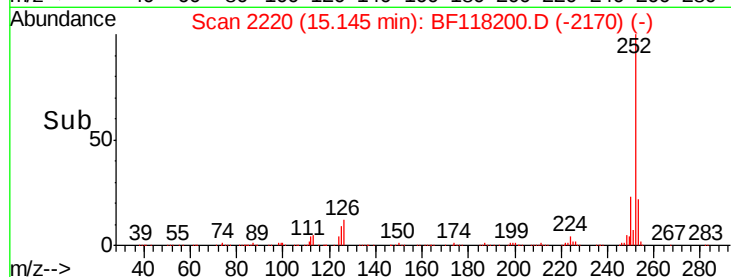
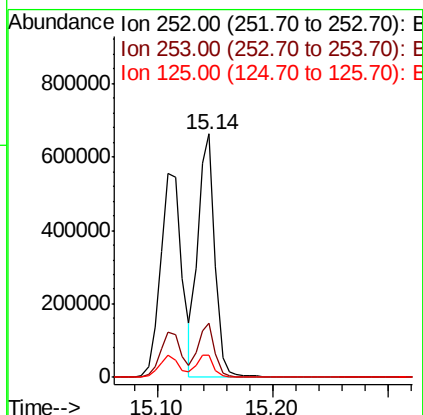
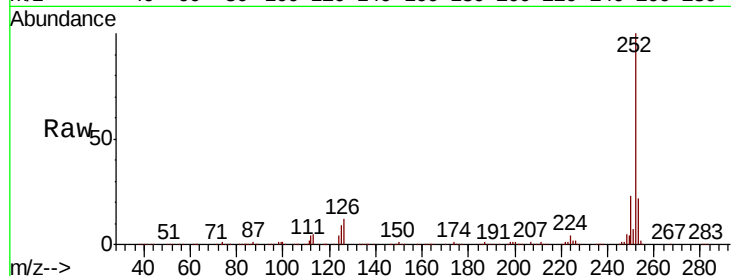
Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 685024

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.0	6.7	10.1



#90

Benzo(a)pyrene

Concen: 38.160 ng

RT: 15.49 min Scan# 2278

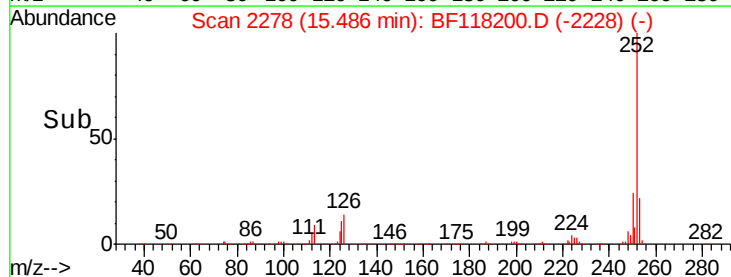
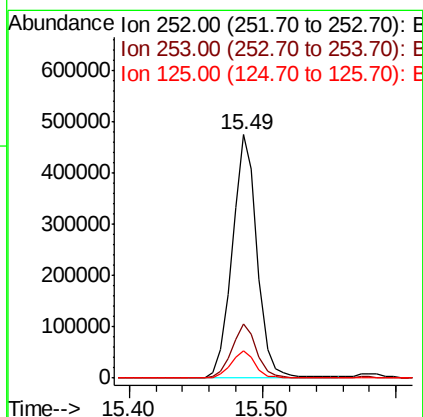
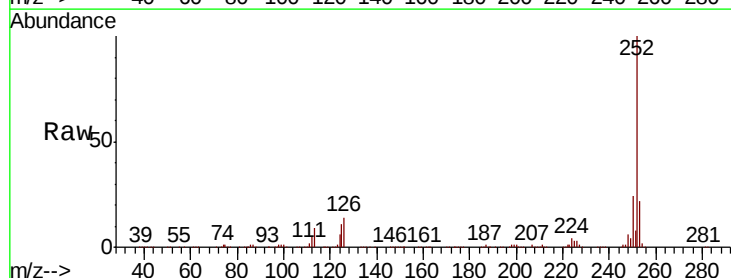
Delta R.T. -0.01 min

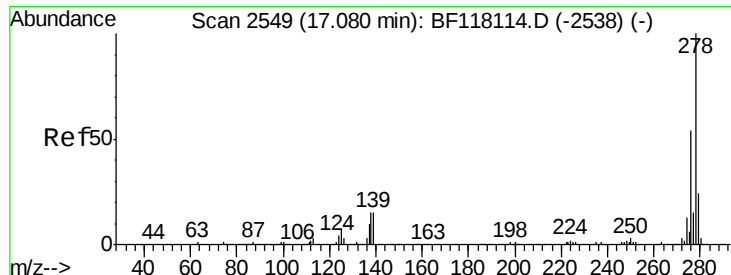
Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Tgt Ion:252 Resp: 617217

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.2	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.749 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

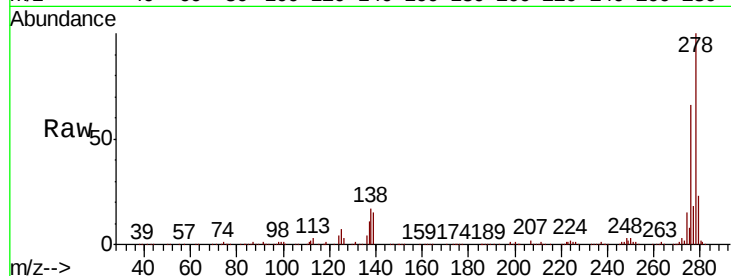
Tot Ion:278 Resp: 537574

Ion Ratio Lower Upper

278 100

139 14.6 11.7 17.5

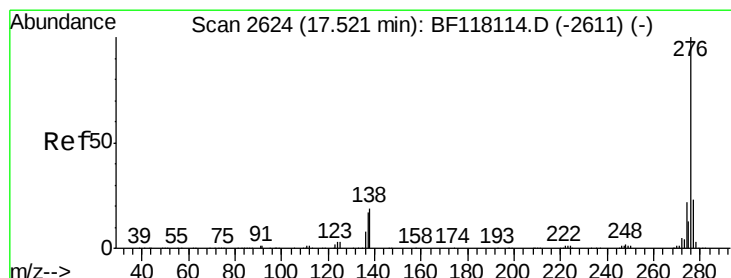
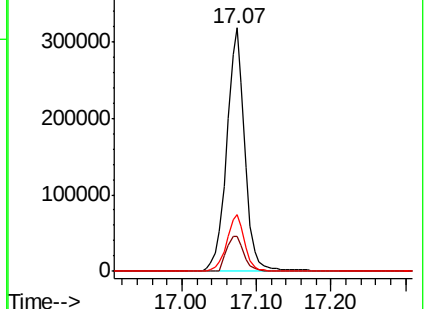
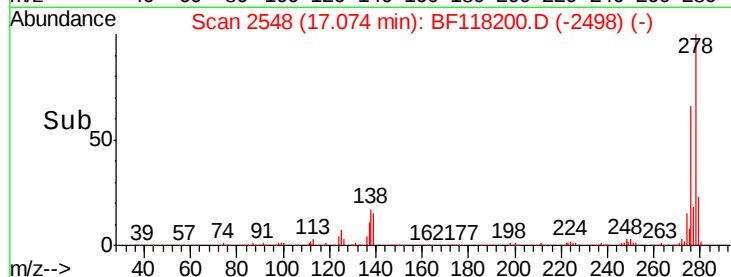
279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.553 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF118200.D

Acq: 16 Dec 2019 16:51

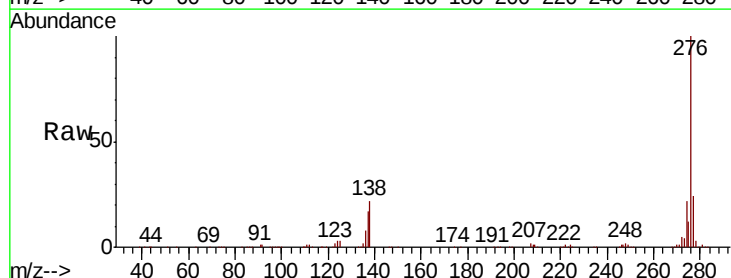
Tgt Ion:276 Resp: 527292

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 22.1 15.5 23.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

