

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118121.D
 Acq On : 7 Dec 2019 10:59
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:41:19 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	6.87	152	144310	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	553920	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	295877	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	555253	20.00	ng	0.00
76) Chrysene-d12	14.06	240	408017	20.00	ng	0.00
87) Perylene-d12	15.55	264	357172	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	645569	78.35	ng	0.00
7) Phenol-d6	6.50	99	800750	80.35	ng	0.00
23) Nitrobenzene-d5	7.44	82	756523	76.83	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	278891	77.59	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1513165	77.82	ng	0.00
79) Terphenyl-d14	13.00	244	1778374	74.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	135982	39.141	ng	99
3) Pyridine	3.37	79	353171	39.402	ng	99
4) n-Nitrosodimethylamine	3.33	42	152384	39.519	ng	97
6) Aniline	6.53	93	515267	40.420	ng	99
8) 2-Chlorophenol	6.66	128	365987	39.393	ng	98
9) Benzaldehyde	6.42	77	210255	40.892	ng	98
10) Phenol	6.51	94	453700	39.920	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	321382	39.098	ng	98
12) 1,3-Dichlorobenzene	6.81	146	427904	39.427	ng	99
13) 1,4-Dichlorobenzene	6.89	146	436803	39.969	ng	97
14) 1,2-Dichlorobenzene	7.04	146	403996	39.364	ng	97
15) Benzyl Alcohol	7.01	79	311523	40.045	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	390083	39.469	ng	99
17) 2-Methylphenol	7.12	107	293334	39.697	ng	98
18) Hexachloroethane	7.39	117	155548	38.627	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	237320	39.189	ng	98
20) 3+4-Methylphenols	7.27	107	378697	40.801	ng	# 80
22) Acetophenone	7.28	105	513146	38.560	ng	97
24) Nitrobenzene	7.46	77	369709	38.218	ng	98
25) Isophorone	7.69	82	633326	37.944	ng	97
26) 2-Nitrophenol	7.77	139	201565	38.984	ng	91
27) 2,4-Dimethylphenol	7.80	122	267863	38.839	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	416223	38.162	ng	99
29) 2,4-Dichlorophenol	8.02	162	313979	39.051	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	362608	38.591	ng	99
31) Naphthalene	8.18	128	1082063	38.896	ng	100
32) Benzoic acid	7.94	122	242856	38.999	ng	97
33) 4-Chloroaniline	8.23	127	467942	38.956	ng	97
34) Hexachlorobutadiene	8.30	225	218980	38.865	ng	99
35) Caprolactam	8.60	113	98166	39.591	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	328433	38.817	ng	97
37) 2-Methylnaphthalene	8.87	142	735032	39.028	ng	99
38) 1-Methylnaphthalene	8.97	142	691044	39.078	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	337945	37.704	ng	99

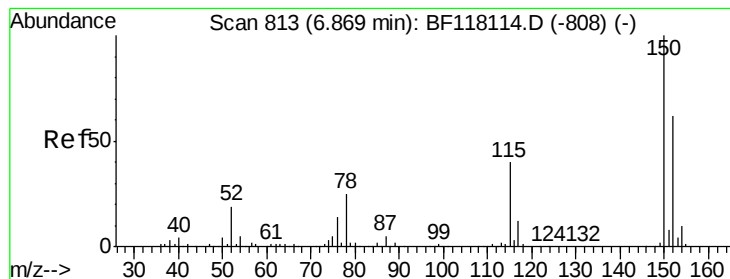
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	154976	38.590	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	231361	38.660	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	240594	38.804	ng	96
46) 1,1'-Biphenyl	9.34	154	905070	38.785	ng	98
47) 2-Chloronaphthalene	9.36	162	725884	38.670	ng	97
48) 2-Nitroaniline	9.46	65	209465	39.130	ng	96
49) Acenaphthylene	9.78	152	1081231	39.053	ng	99
50) Dimethylphthalate	9.64	163	846597	38.737	ng	99
51) 2,6-Dinitrotoluene	9.70	165	184047	38.729	ng	93
52) Acenaphthene	9.95	154	646117	38.234	ng	97
53) 3-Nitroaniline	9.87	138	218879	39.137	ng	97
54) 2,4-Dinitrophenol	9.98	184	87233	36.896	ng	93
55) Dibenzofuran	10.13	168	973523	39.316	ng	97
56) 4-Nitrophenol	10.03	139	153581	39.571	ng	93
57) 2,4-Dinitrotoluene	10.11	165	249715	39.369	ng	# 94
58) Fluorene	10.47	166	762212	38.735	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	200205	39.139	ng	99
60) Diethylphthalate	10.34	149	833179	38.694	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	384700	38.855	ng	95
62) 4-Nitroaniline	10.49	138	232015	39.777	ng	98
63) Azobenzene	10.62	77	716347	38.971	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	116649	38.041	ng	89
66) n-Nitrosodiphenylamine	10.58	169	669842	38.631	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	244000	38.496	ng	# 93
68) Hexachlorobenzene	11.02	284	289414	38.794	ng	94
69) Atrazine	11.10	200	190055	39.379	ng	98
70) Pentachlorophenol	11.22	266	138527	39.484	ng	97
71) Phenanthrene	11.43	178	1159879	39.296	ng	99
72) Anthracene	11.49	178	1163576	39.517	ng	99
73) Carbazole	11.65	167	1050238	39.754	ng	99
74) Di-n-butylphthalate	11.97	149	1296067	39.200	ng	99
75) Fluoranthene	12.63	202	1195924	39.629	ng	98
77) Benzidine	12.74	184	452728	42.149	ng	99
78) Pyrene	12.86	202	1214925	37.785	ng	99
80) Butylbenzylphthalate	13.47	149	546986	37.563	ng	98
81) Benzo(a)anthracene	14.05	228	1083059	38.389	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	360802	38.939	ng	98
83) Chrysene	14.09	228	1033613	38.353	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	725870	37.803	ng	98
85) Di-n-octyl phthalate	14.65	149	1115958	38.367	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	795812	35.095	ng	99
88) Benzo(b)fluoranthene	15.12	252	912014	38.608	ng	97
89) Benzo(k)fluoranthene	15.12	252	912014	40.189	ng	98
90) Benzo(a)pyrene	15.49	252	793258	38.022	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	652519	36.465	ng	100
92) Benzo(g,h,i)perylene	17.52	276	628158	36.531	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

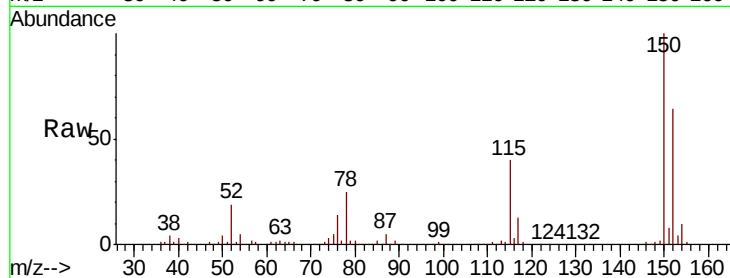
Tot Ion:152 Resp: 144310

Ion Ratio Lower Upper

152 100

150 157.2 128.3 192.5

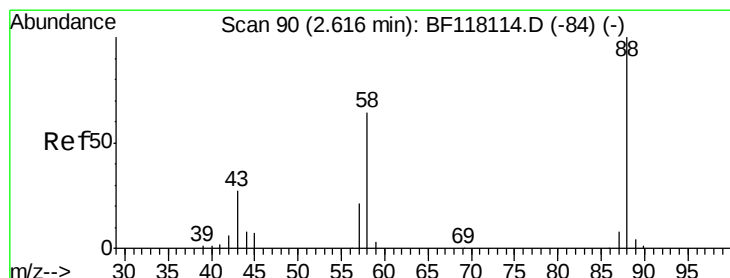
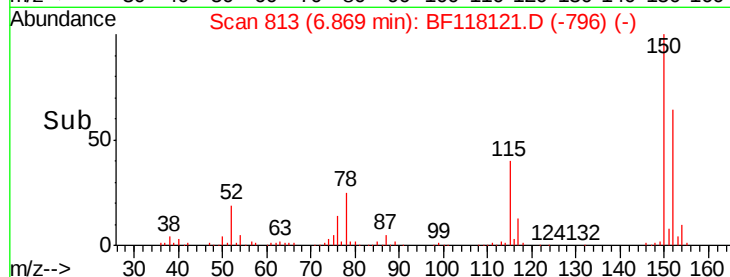
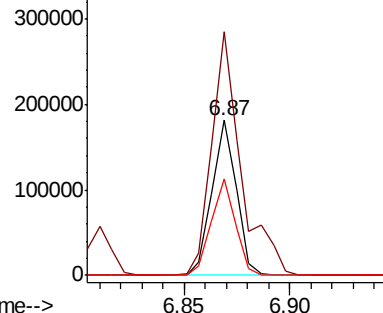
115 62.4 51.1 76.7



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: 39.141 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

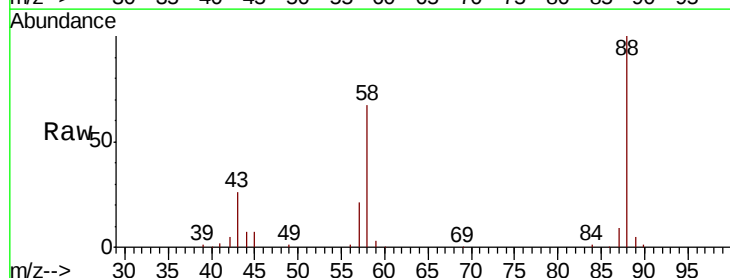
Tgt Ion: 88 Resp: 135982

Ion Ratio Lower Upper

88 100

58 66.0 52.2 78.4

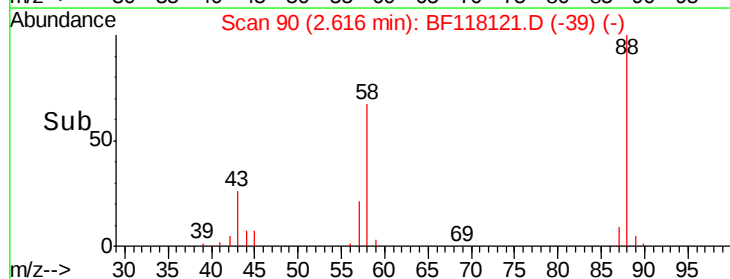
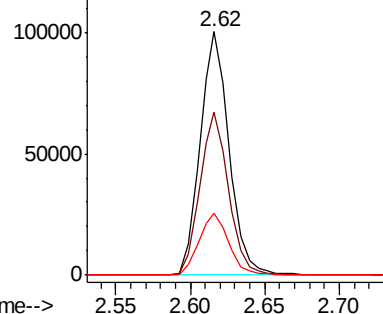
43 26.0 21.4 32.2

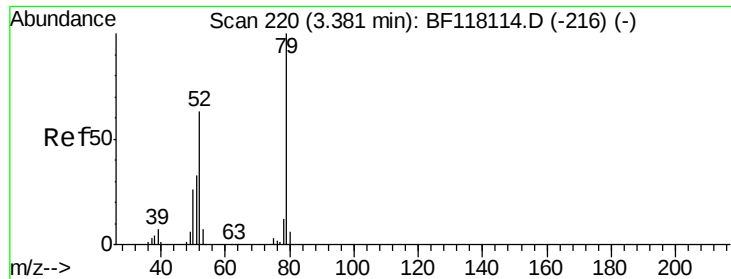


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.402 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

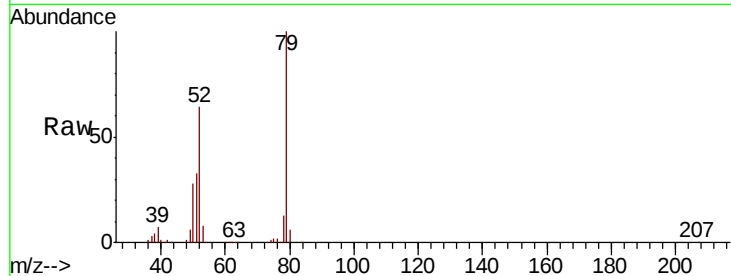
Tot Ion: 79 Resp: 353171

Ion Ratio Lower Upper

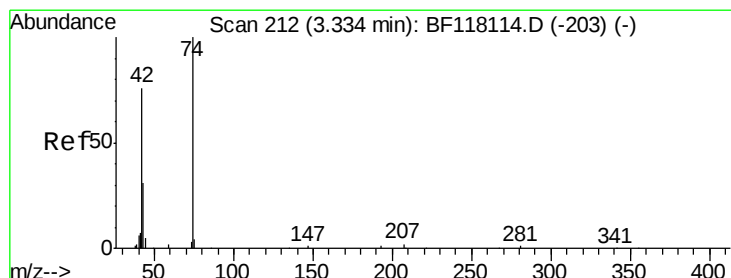
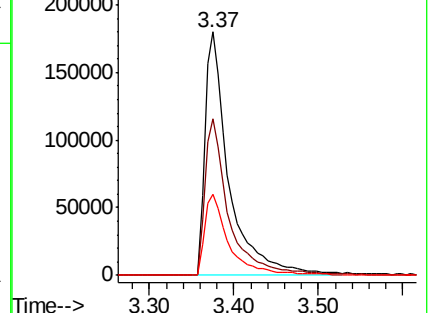
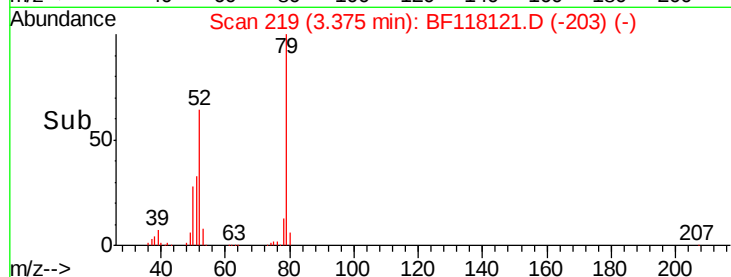
79 100

52 64.4 50.7 76.1

51 33.4 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.519 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

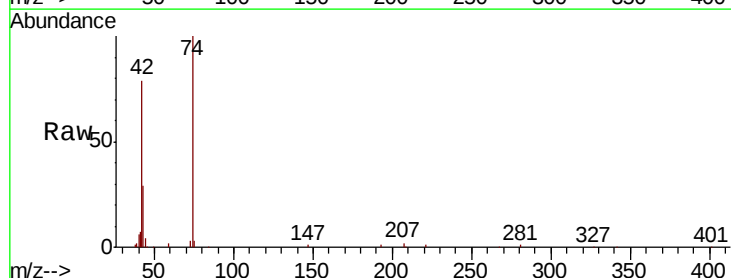
Tgt Ion: 42 Resp: 152384

Ion Ratio Lower Upper

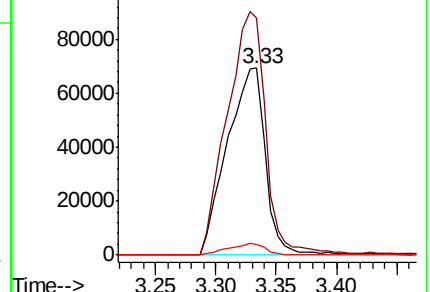
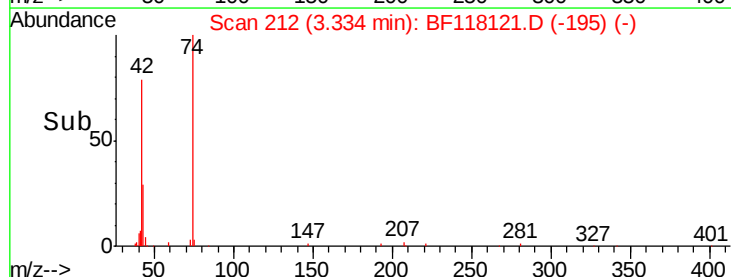
42 100

74 127.0 104.6 157.0

44 5.6 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.352 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampled :

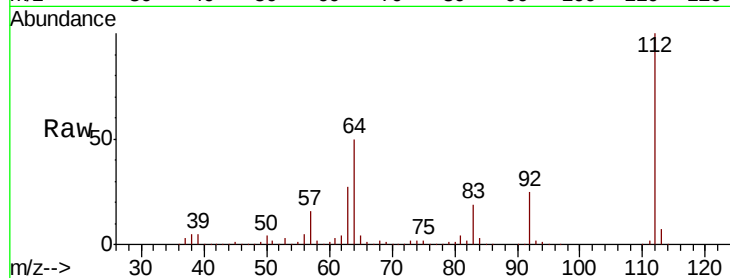
Tot Ion: 112 Resp: 645569

Ion Ratio Lower Upper

112 100

64 50.4 41.3 61.9

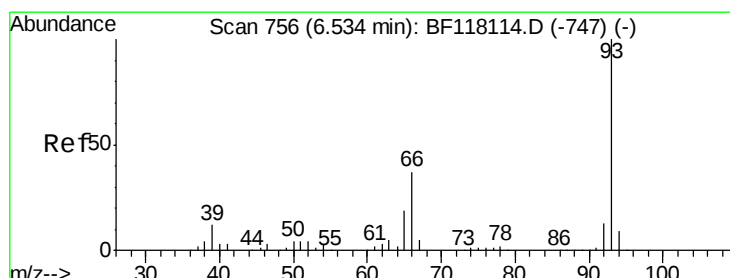
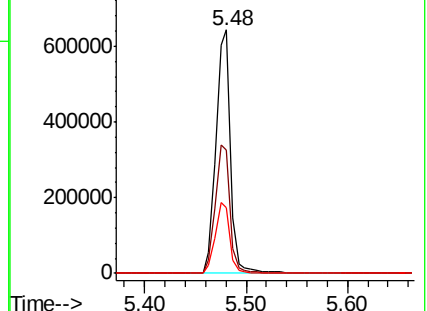
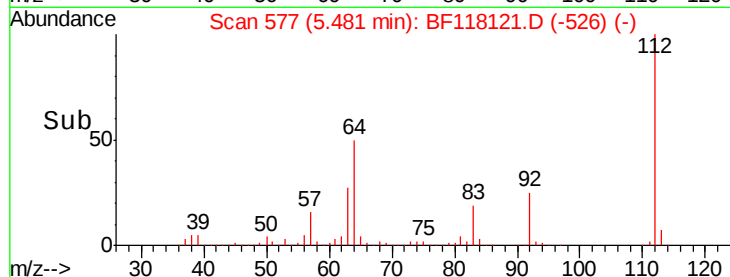
63 27.0 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.420 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

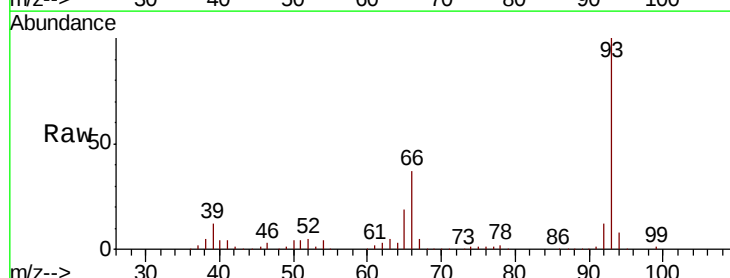
Tgt Ion: 93 Resp: 515267

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.2

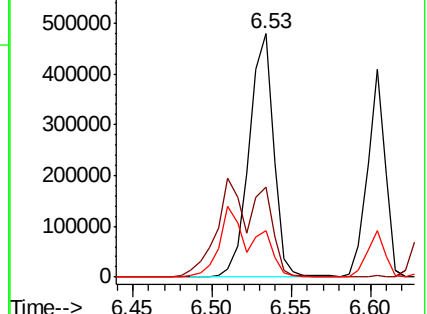
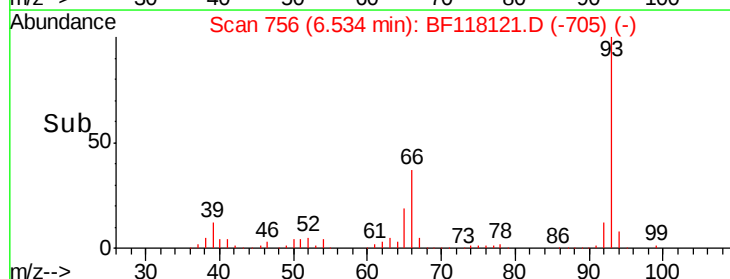
65 19.3 15.5 23.3

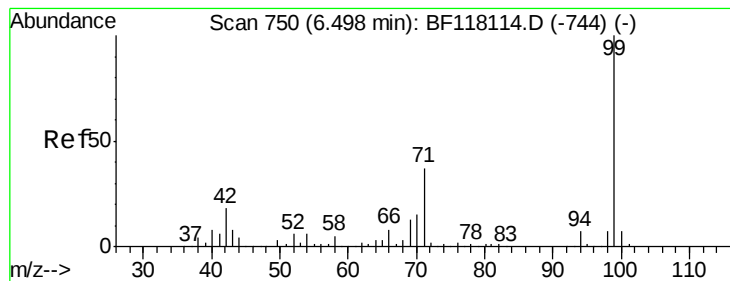


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.350 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

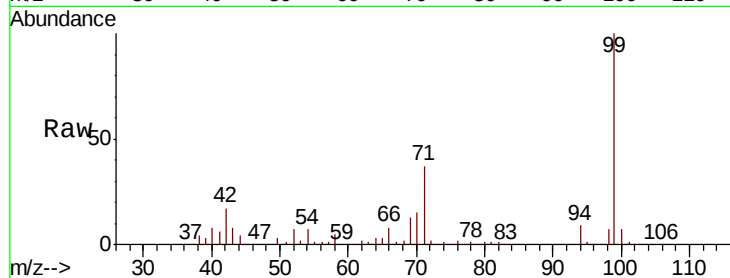
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 800750

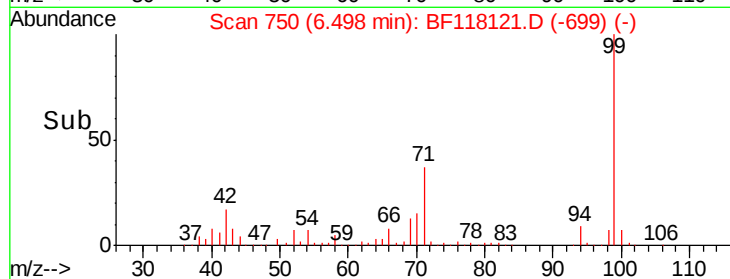
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	37.1	29.7	44.5



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: 39.393 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

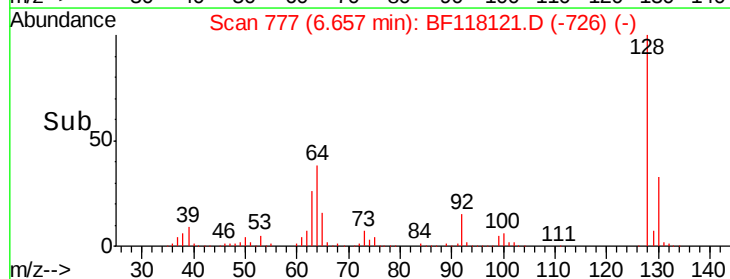
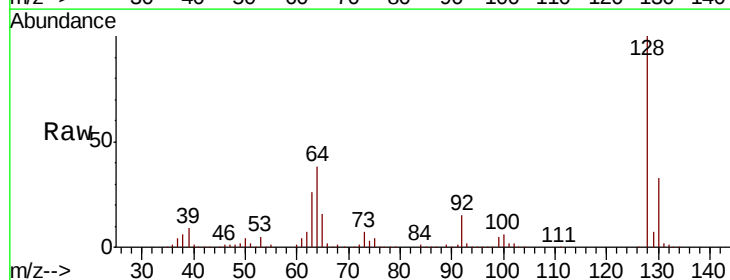
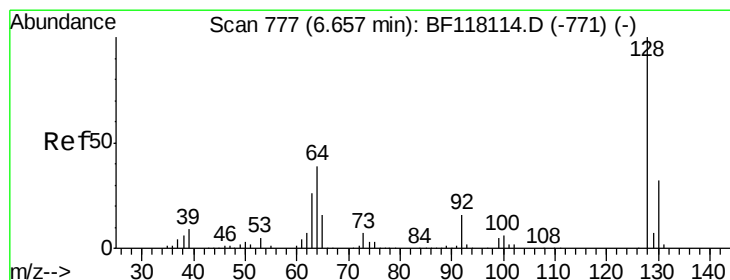
Tgt Ion:128 Resp: 365987

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.1	52.1
64	38.2	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



Time-->



#9

Benzaldehyde

Concen: 40.892 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampled :

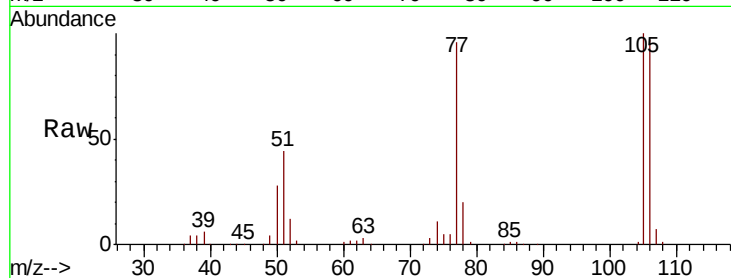
Tot Ion: 77 Resp: 210255

Ion Ratio Lower Upper

77 100

105 104.3 86.4 126.4

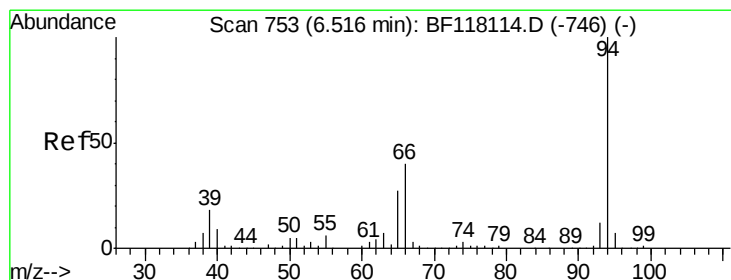
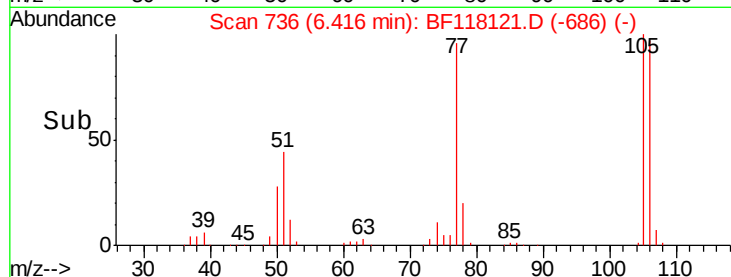
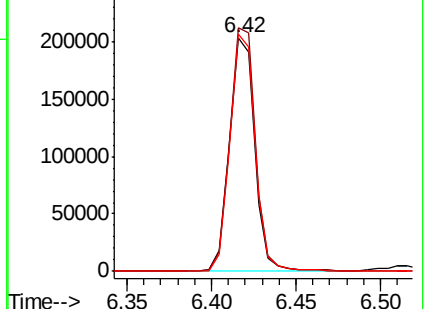
106 101.5 83.8 123.8



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: 39.920 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

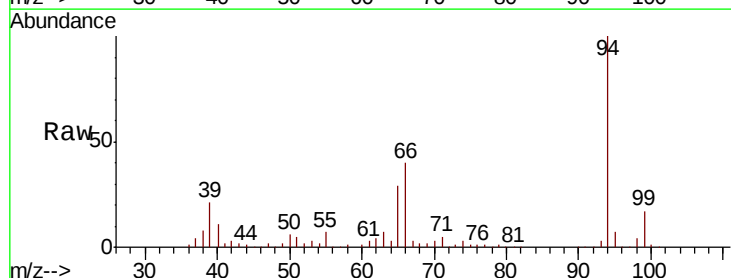
Tgt Ion: 94 Resp: 453700

Ion Ratio Lower Upper

94 100

65 28.9 7.3 47.3

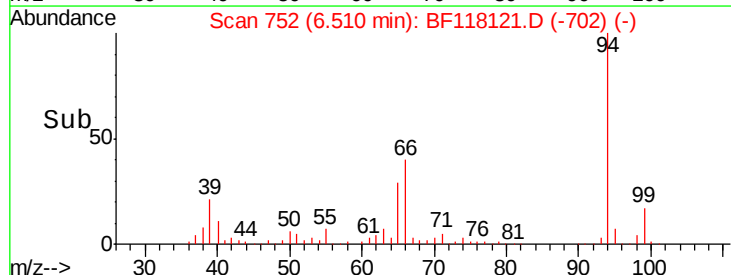
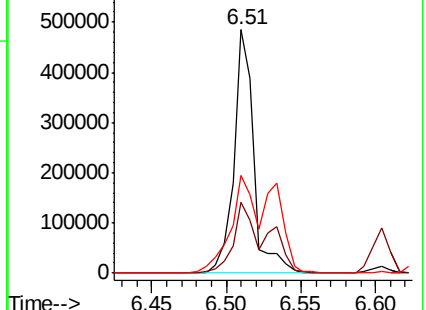
66 40.3 20.2 60.2

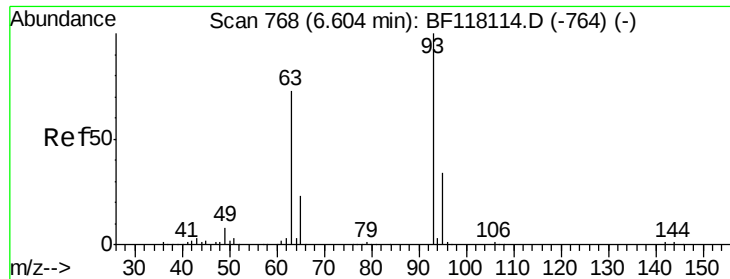


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

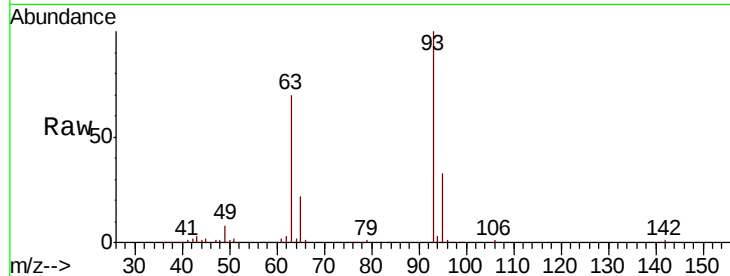




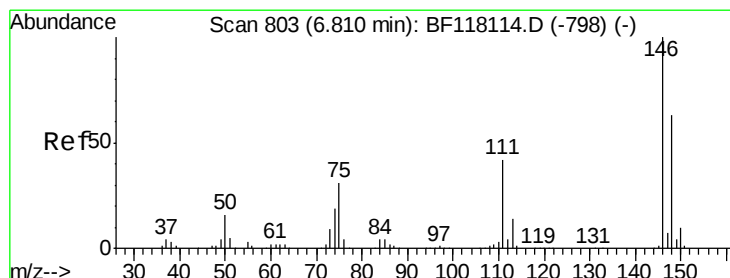
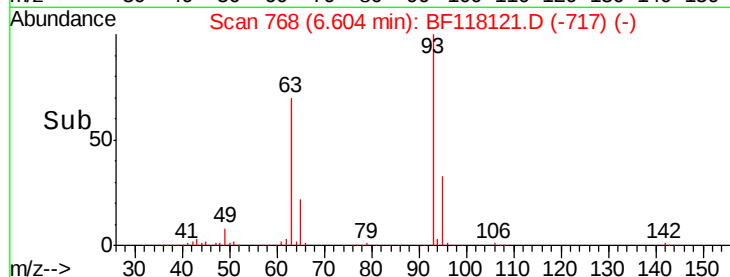
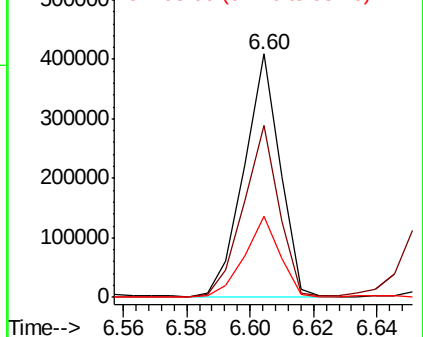
#11
bis(2-Chloroethyl)ether
Concen: 39.098 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 321382
Ion Ratio Lower Upper
93 100
63 70.4 53.2 93.2
95 33.4 13.8 53.8

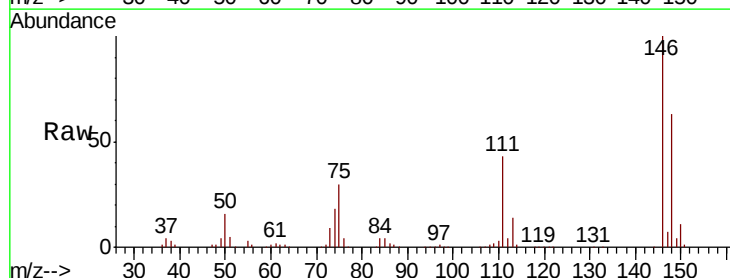


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

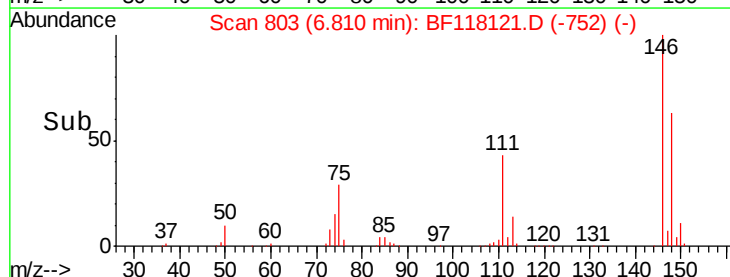
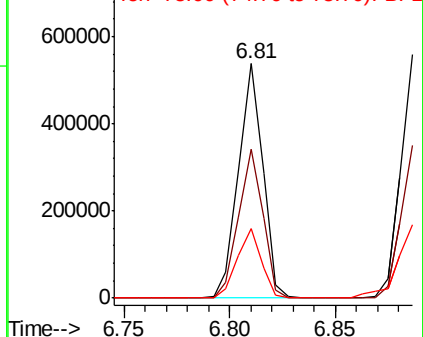


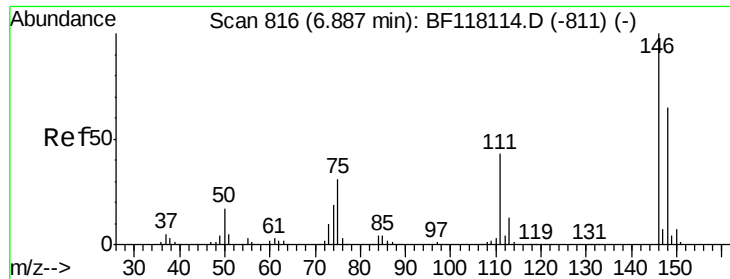
#12
1,3-Dichlorobenzene
Concen: 39.427 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion: 146 Resp: 427904
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 29.9 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

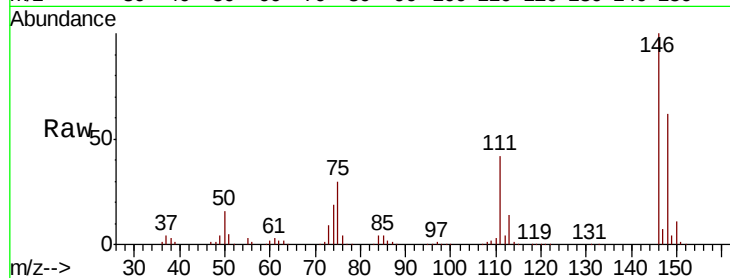




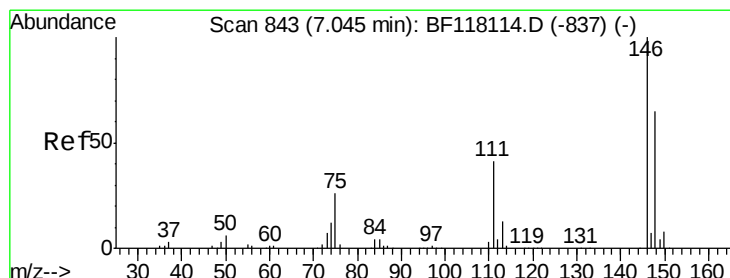
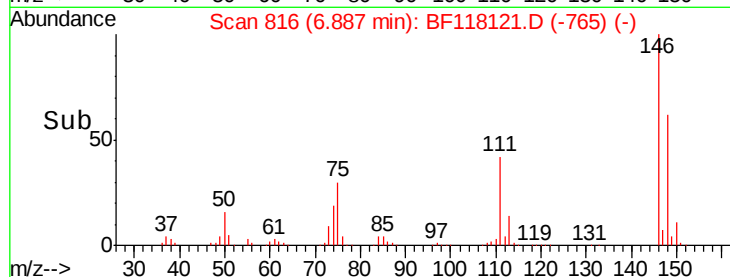
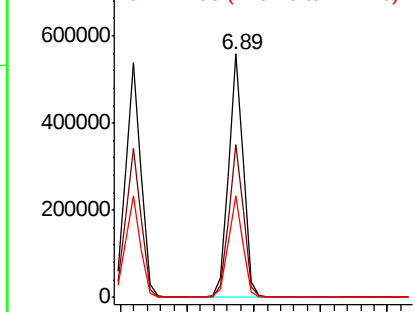
#13
 1,4-Dichlorobenzene
 Concen: 39.969 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 436803
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.1 78.1
 111 41.7 34.6 52.0

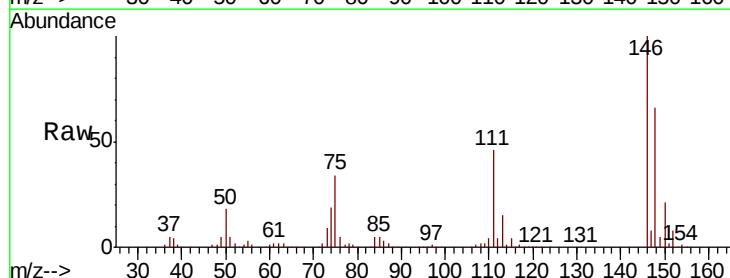


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

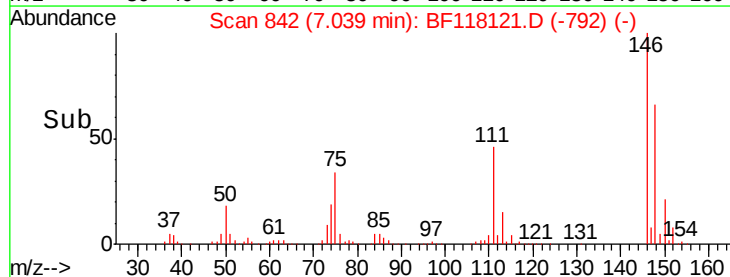
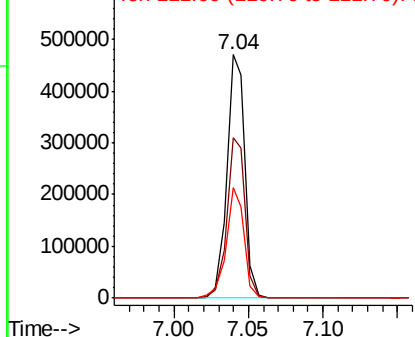


#14
 1,2-Dichlorobenzene
 Concen: 39.364 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:146 Resp: 403996
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.2
 111 45.5 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: 40.045 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

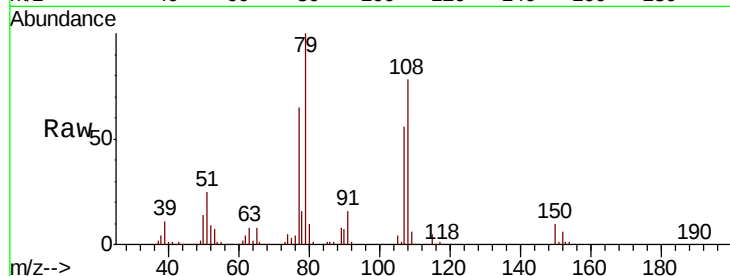
Tot Ion: 79 Resp: 311523

Ion Ratio Lower Upper

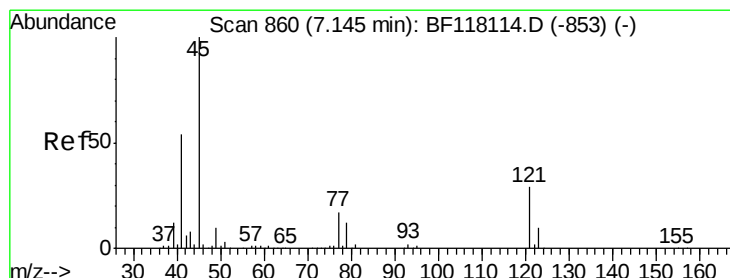
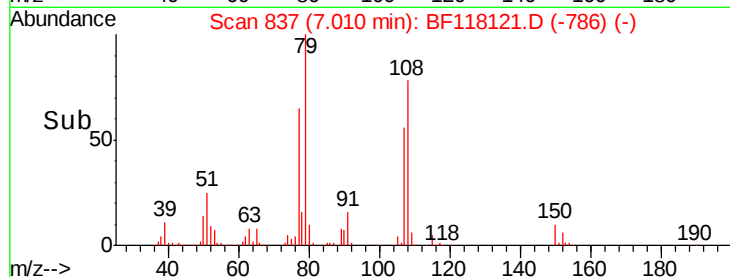
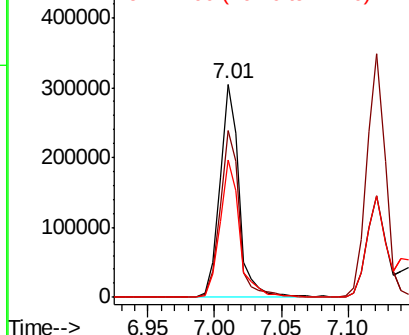
79 100

108 78.4 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: 39.469 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

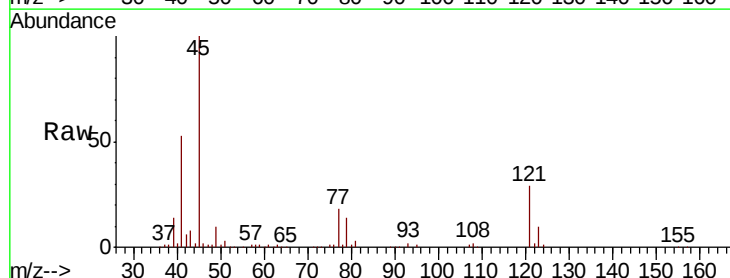
Tgt Ion: 45 Resp: 390083

Ion Ratio Lower Upper

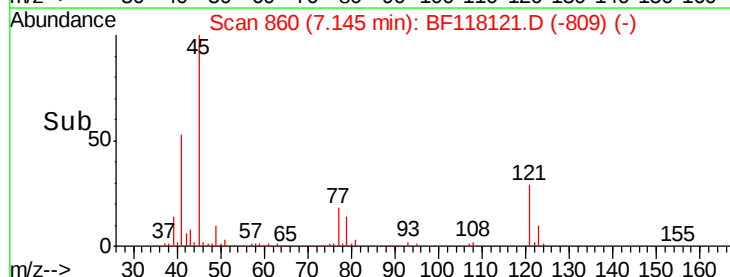
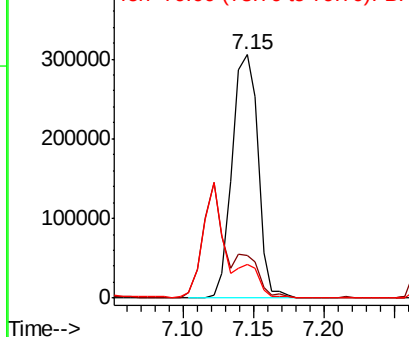
45 100

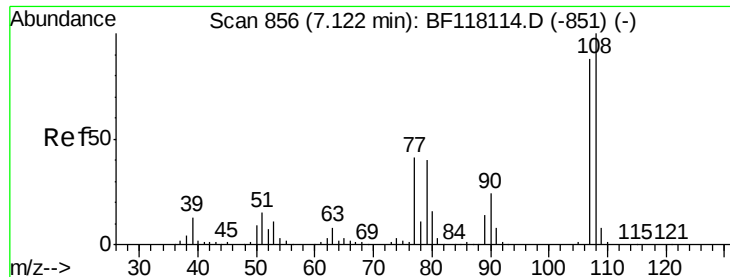
77 17.8 0.0 38.0

79 14.0 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

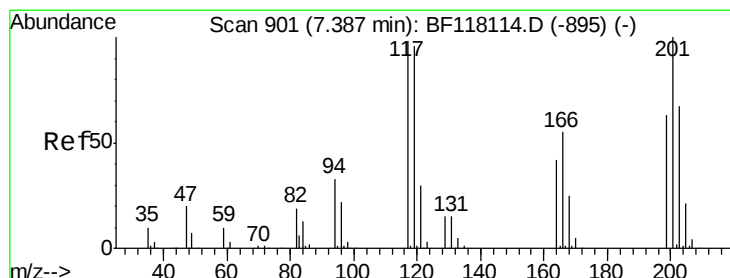
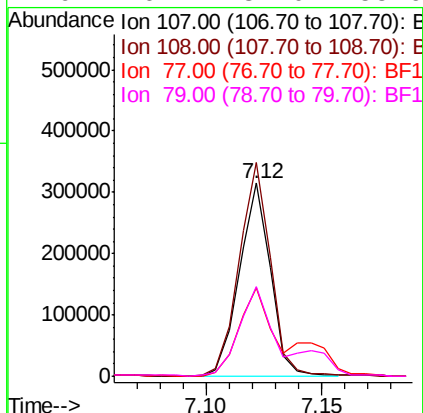
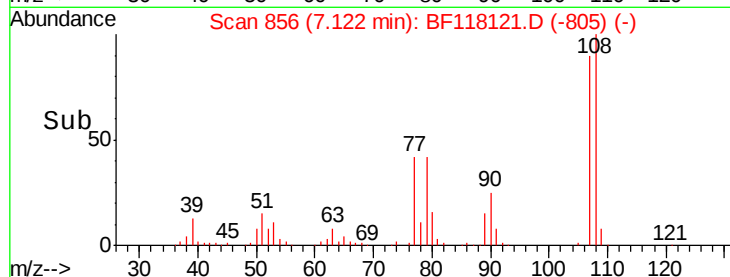
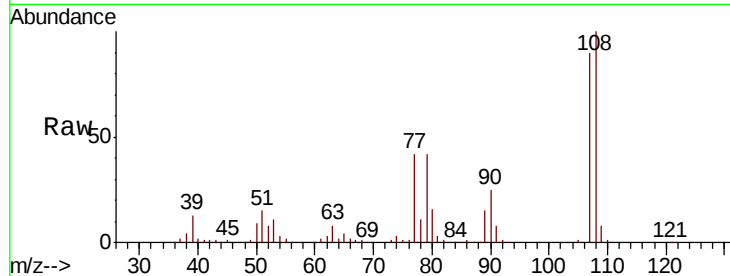




#17
2-Methylphenol
Concen: 39.697 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

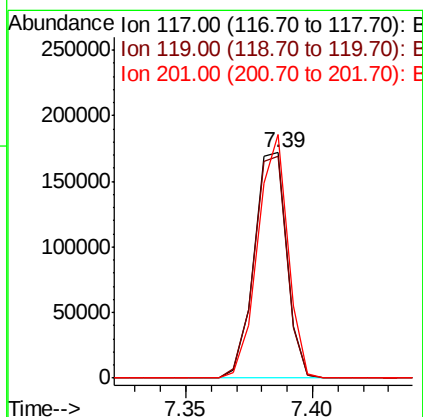
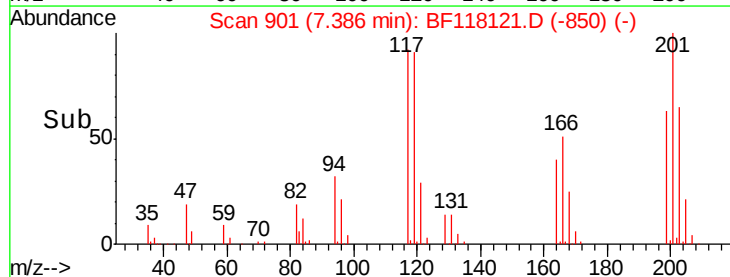
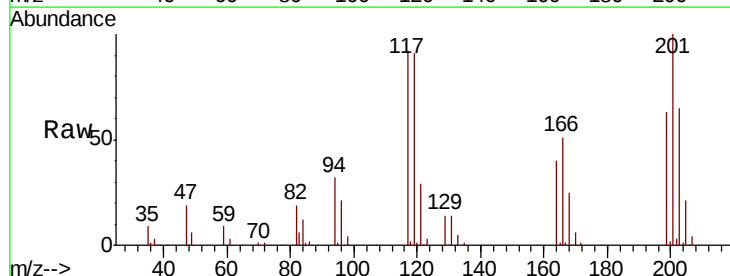
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	293334
Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.1	136.7
77	46.1	37.8	56.6
79	46.4	37.0	55.6



#18
Hexachloroethane
Concen: 38.627 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:	117	Resp:	155548
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.2	117.4
201	108.2	81.6	122.4

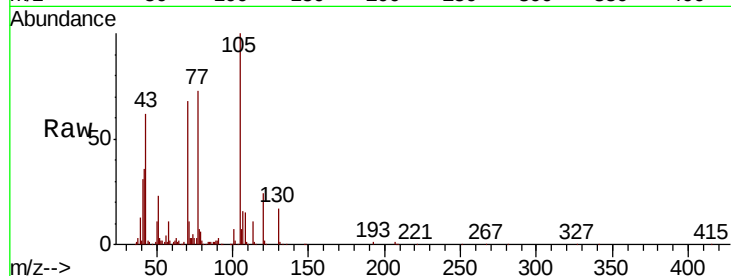




#19
n-Nitroso-di-n-propylamine
Concen: 39.189 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	43.2	64.8
101	10.4	8.1	12.1
130	25.2	19.8	29.8



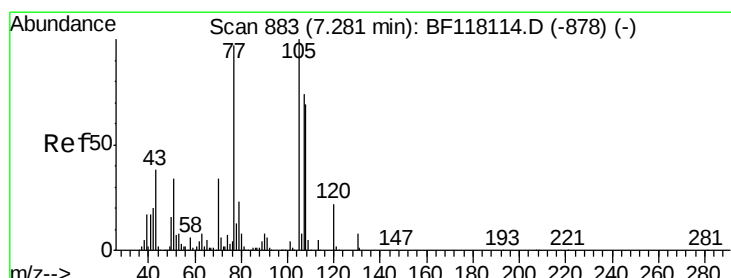
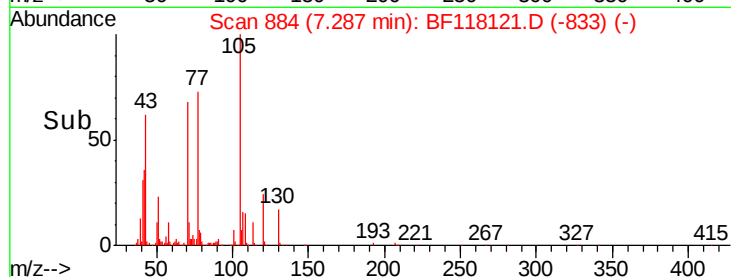
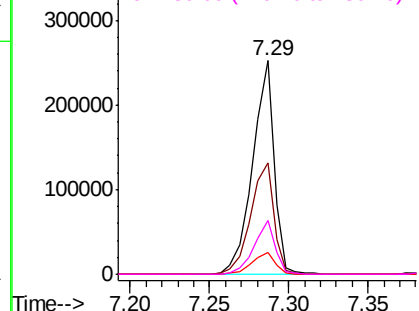
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.801 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.2	113.2
77	94.0	110.9	150.9#
79	28.0	11.5	51.5

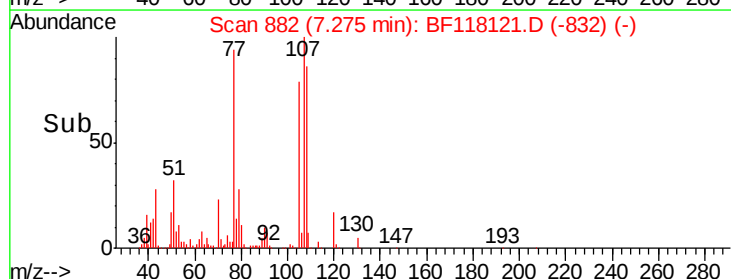
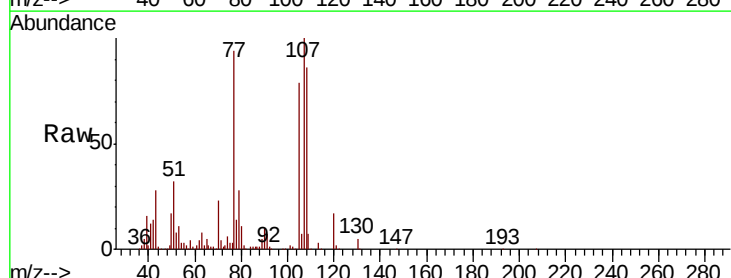
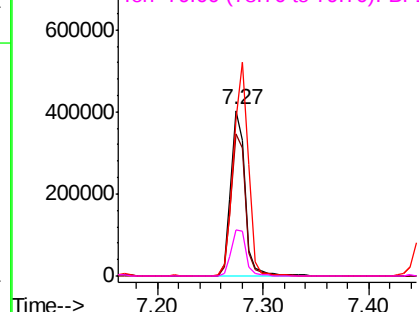
Abundance

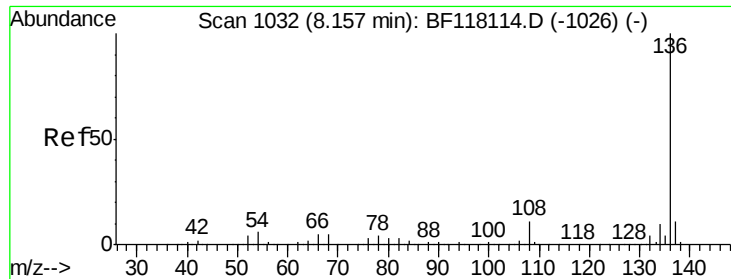
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

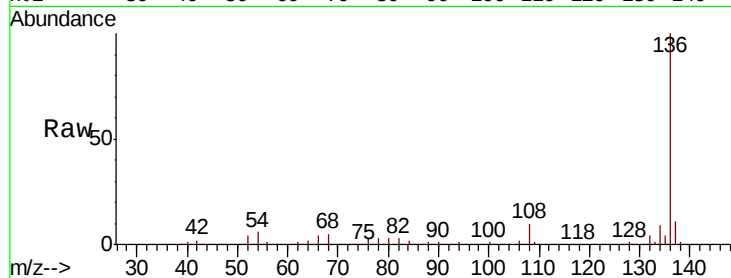




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	553920
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	6.3	5.0 7.6
68	4.6	3.8 5.8



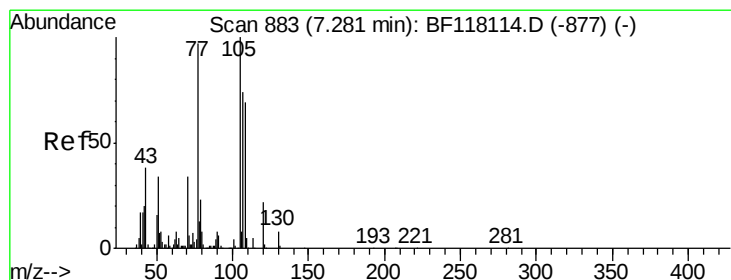
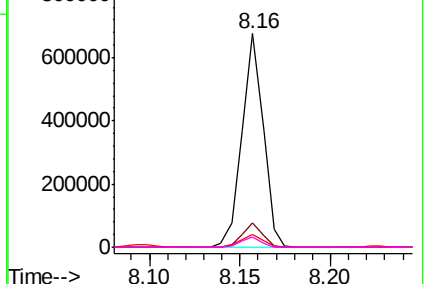
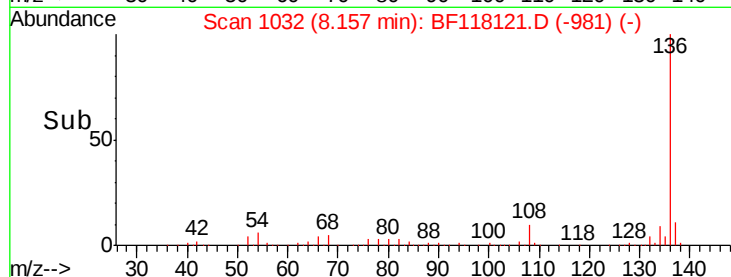
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

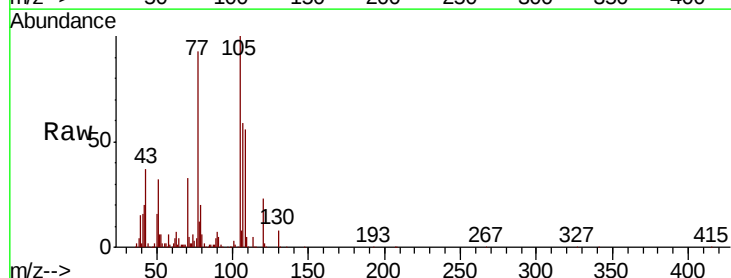
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.560 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:105	Resp:	513146
Ion Ratio	Lower	Upper
105	100	
71	5.3	4.7 7.1
51	31.5	27.1 40.7
120	22.5	17.8 26.6



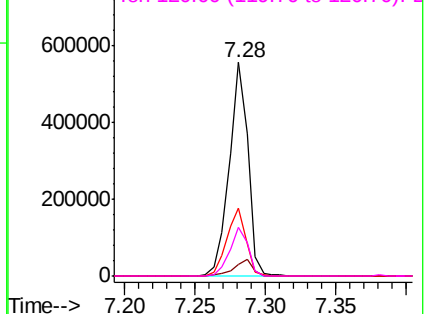
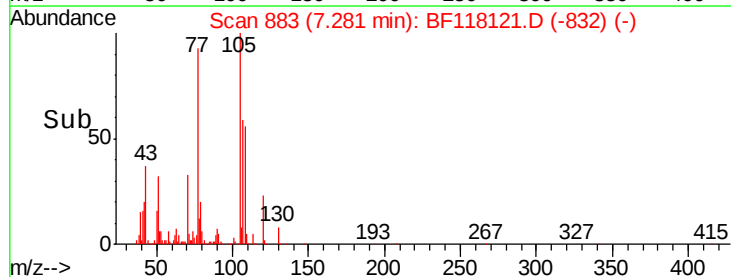
Abundance

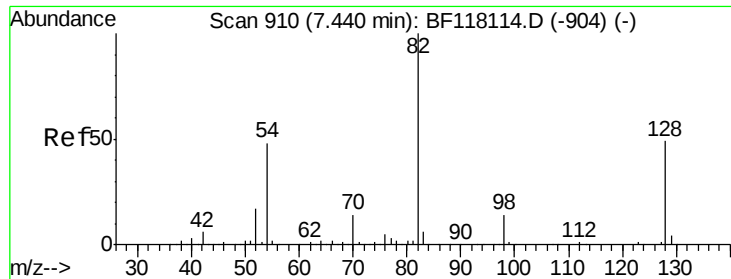
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

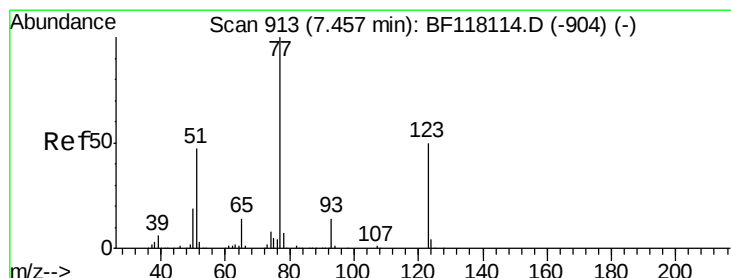
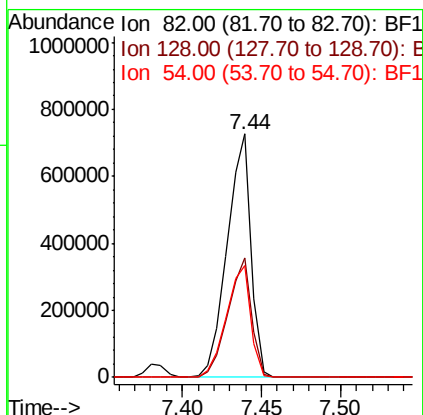
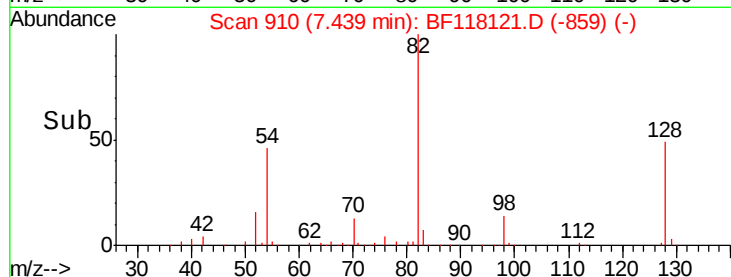
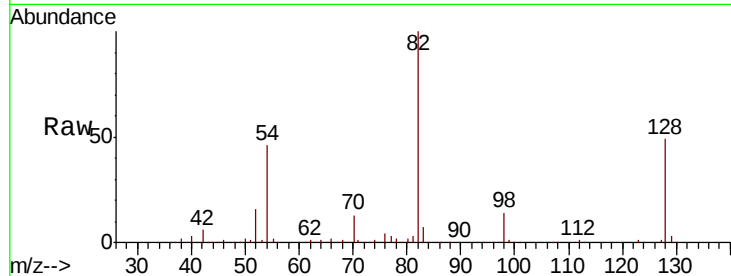




#23
 Nitrobenzene-d5
 Concen: 76.835 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

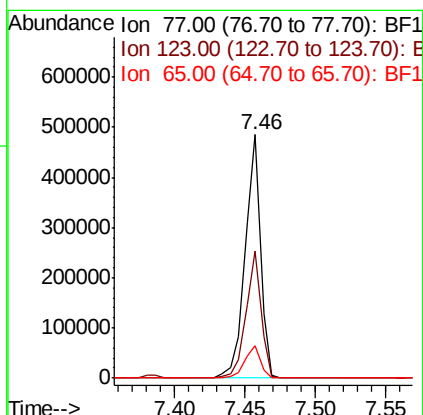
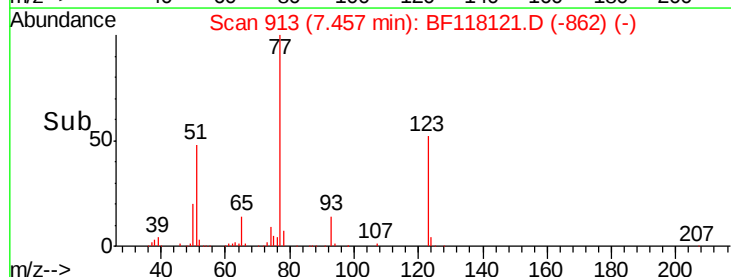
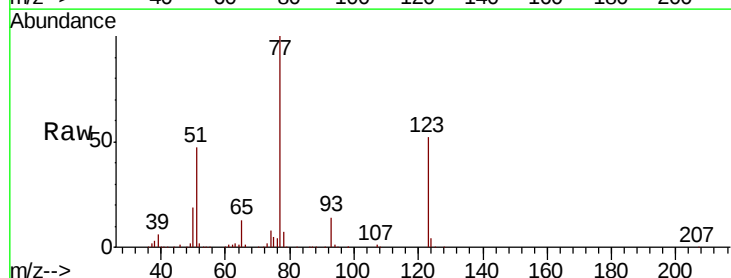
Instrument :
 BNA_F
 ClientSampleId :

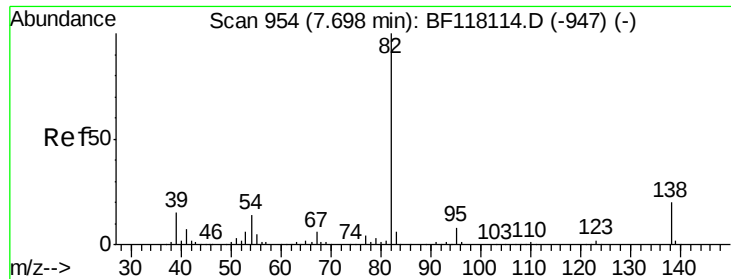
Tot Ion: 82 Resp: 756523
 Ion Ratio Lower Upper
 82 100
 128 49.1 39.1 58.7
 54 46.1 38.2 57.2



#24
 Nitrobenzene
 Concen: 38.218 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion: 77 Resp: 369709
 Ion Ratio Lower Upper
 77 100
 123 52.0 40.1 60.1
 65 13.5 10.9 16.3

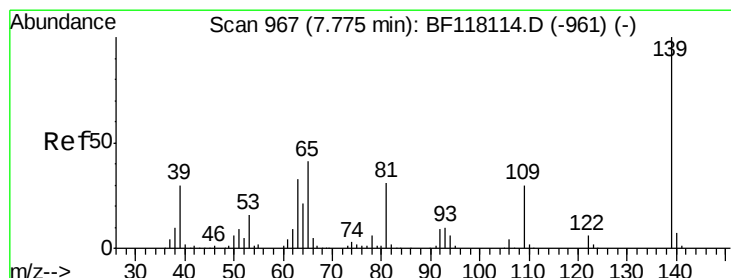
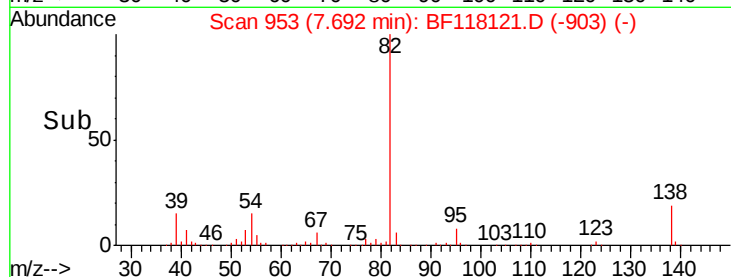
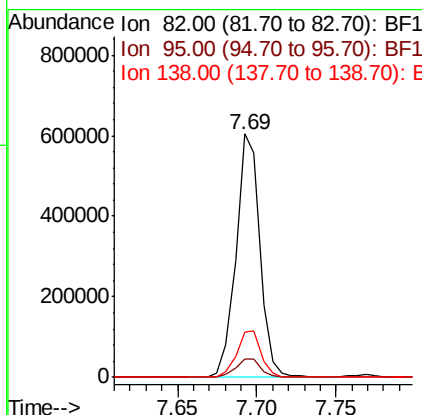
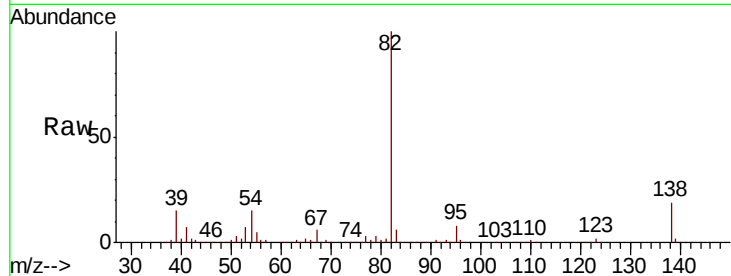




#25
Isophorone
Concen: 37.944 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

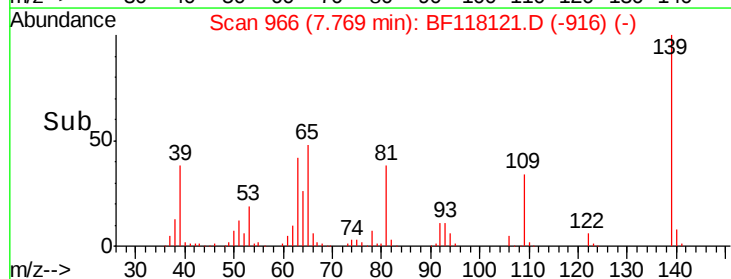
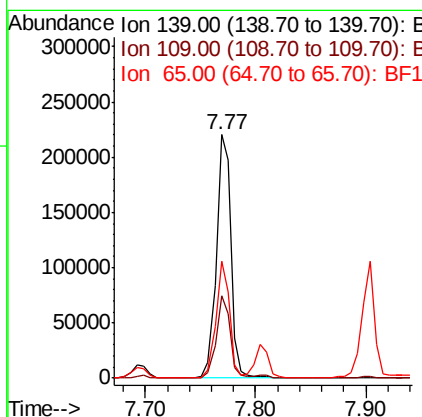
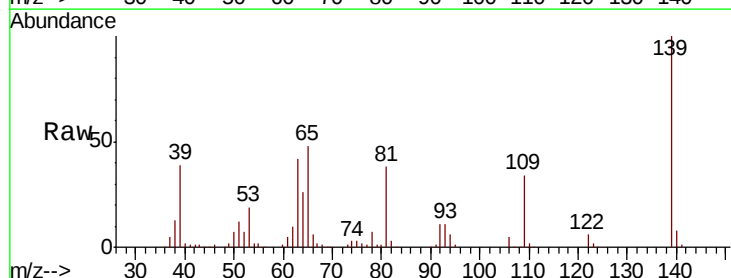
Instrument :
BNA_F
ClientSampleId :

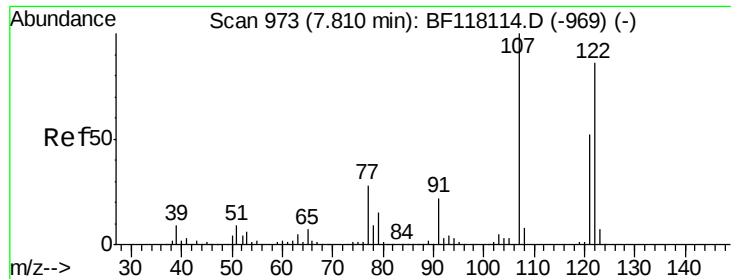
Tot Ion: 82 Resp: 633326
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 18.8 16.3 24.5



#26
2-Nitrophenol
Concen: 38.984 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion: 139 Resp: 201565
Ion Ratio Lower Upper
139 100
109 33.7 23.9 35.9
65 48.2 33.0 49.6

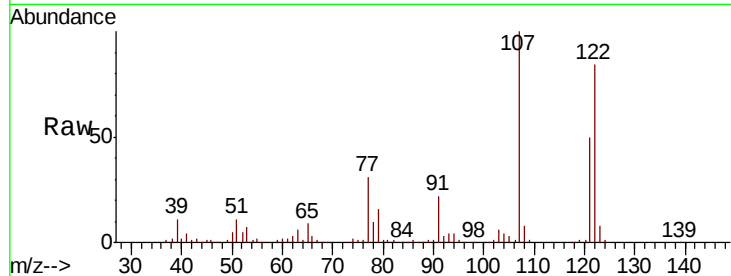




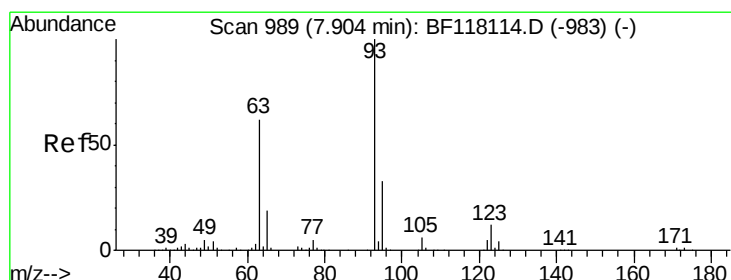
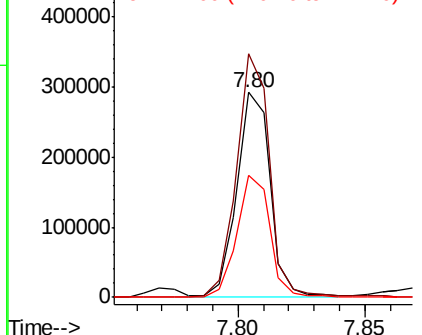
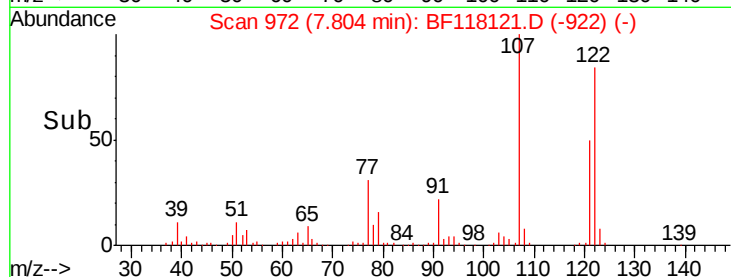
#27
2,4-Dimethylphenol
Concen: 38.839 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 267863
Ion Ratio Lower Upper
122 100
107 118.8 92.9 139.3
121 59.4 48.3 72.5

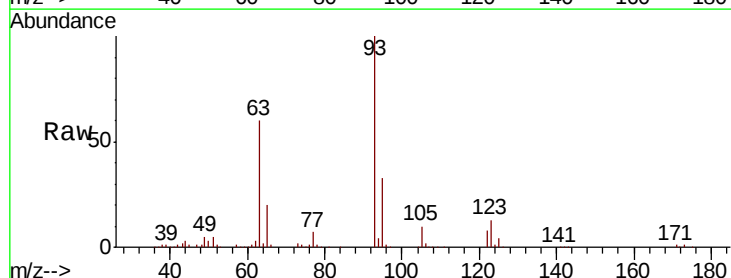


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

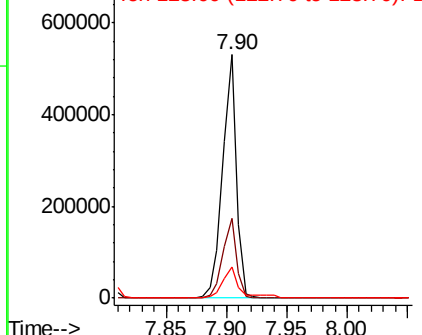
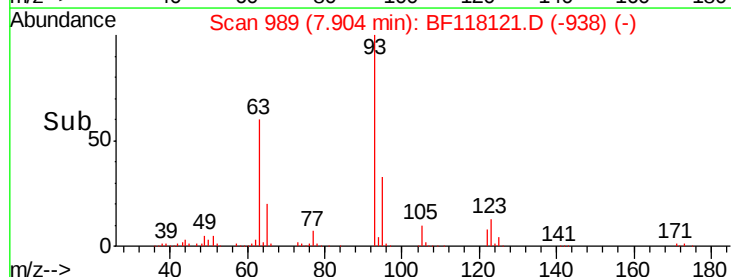


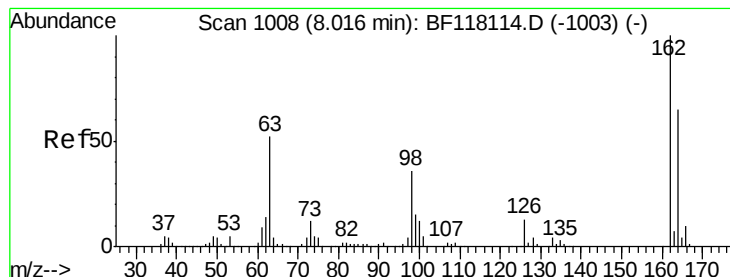
#28
bis(2-Chloroethoxy)methane
Concen: 38.162 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion: 93 Resp: 416223
Ion Ratio Lower Upper
93 100
95 32.9 26.7 40.1
123 12.9 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: 39.051 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampled :

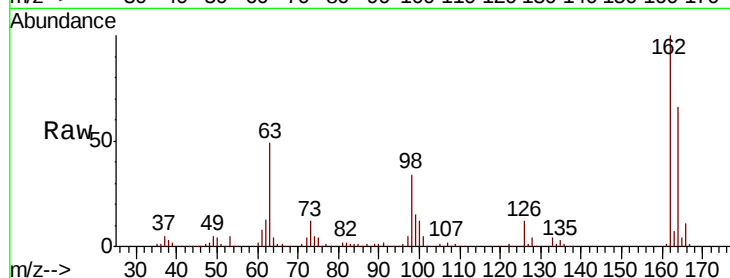
Tot Ion:162 Resp: 313979

Ion Ratio Lower Upper

162 100

164 65.7 45.2 85.2

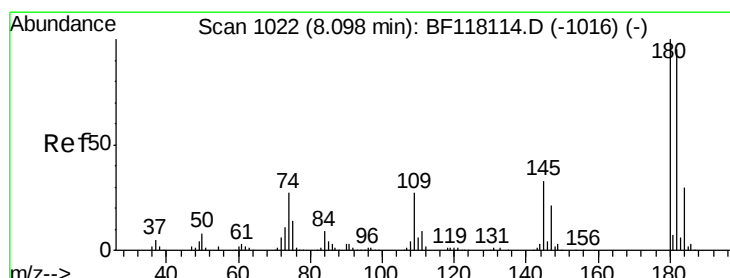
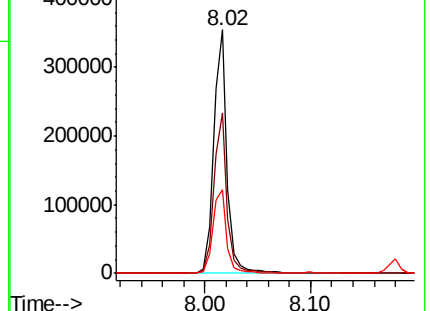
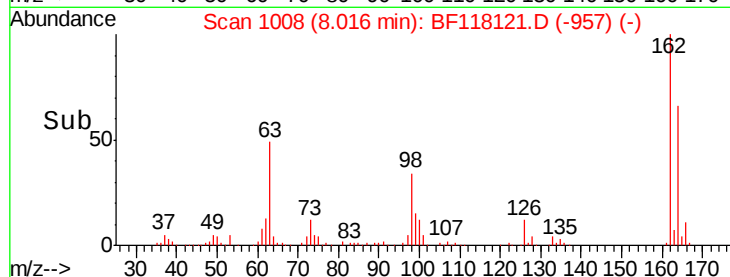
98 34.4 15.9 55.9



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: 38.591 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

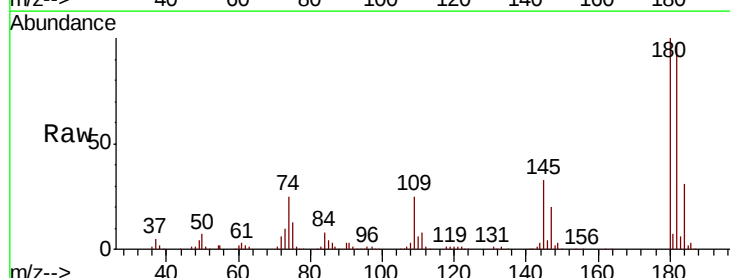
Tgt Ion:180 Resp: 362608

Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

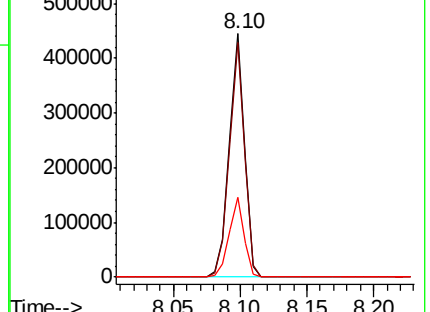
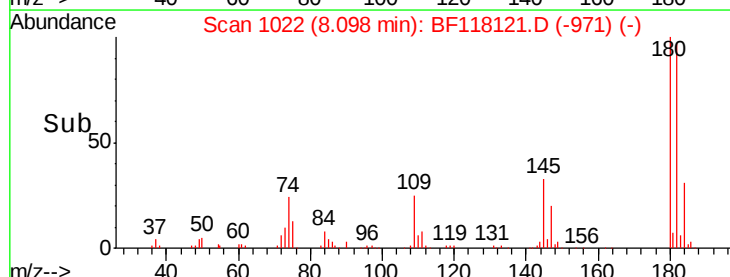
145 32.9 26.1 39.1

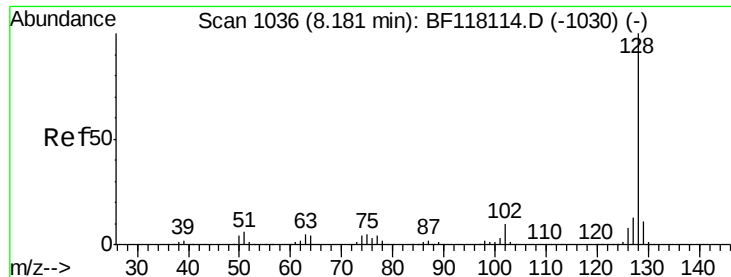


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

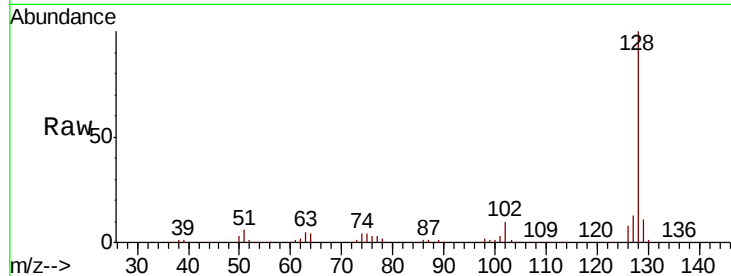




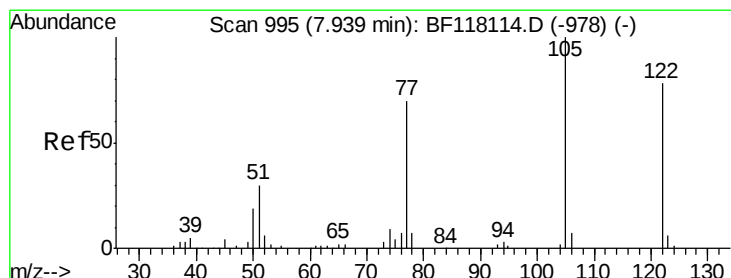
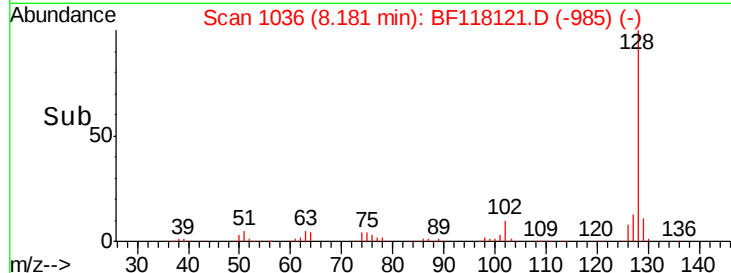
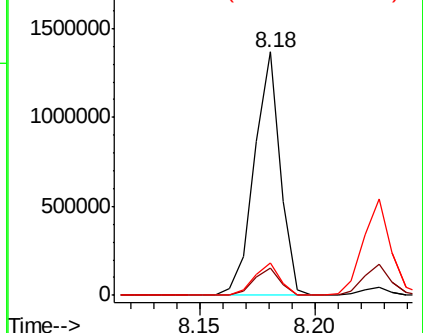
#31
Naphthalene
Concen: 38.896 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1082063
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 10.6 16.0

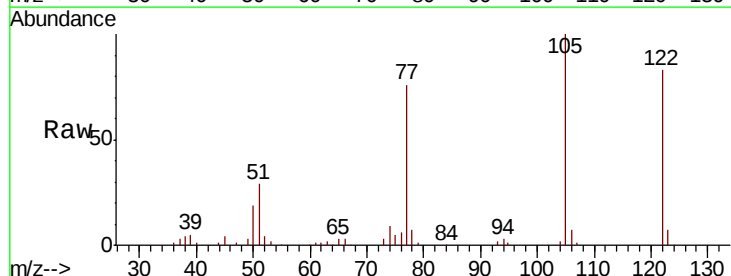


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

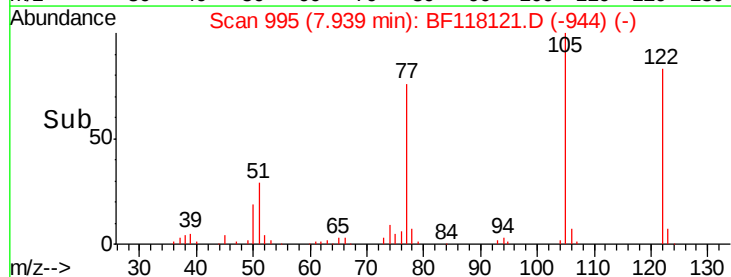
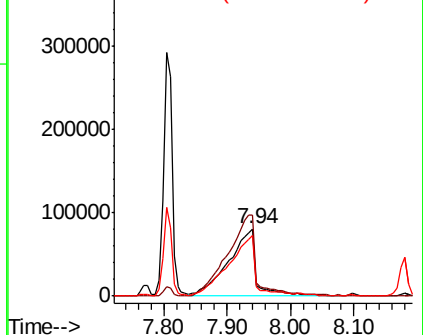


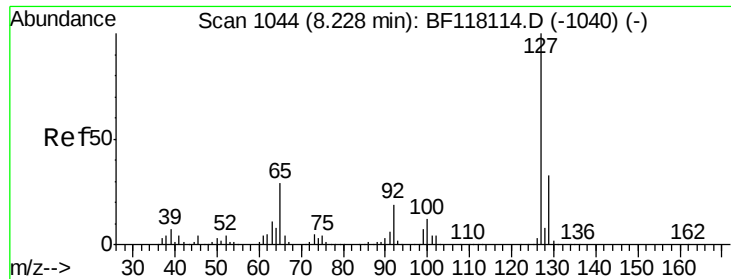
#32
Benzoic acid
Concen: 38.999 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:122 Resp: 242856
Ion Ratio Lower Upper
122 100
105 119.8 104.7 144.7
77 90.6 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

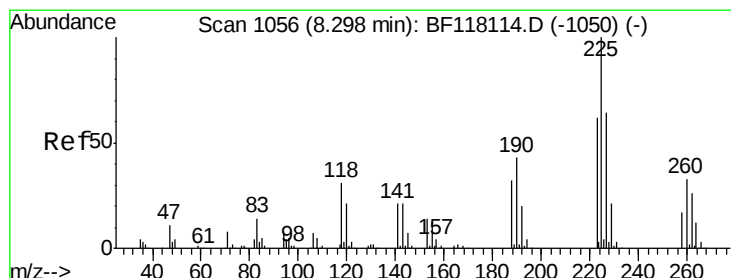
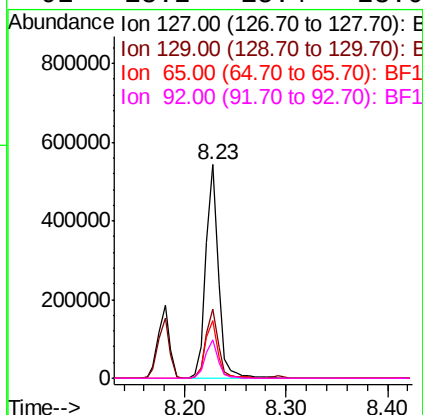
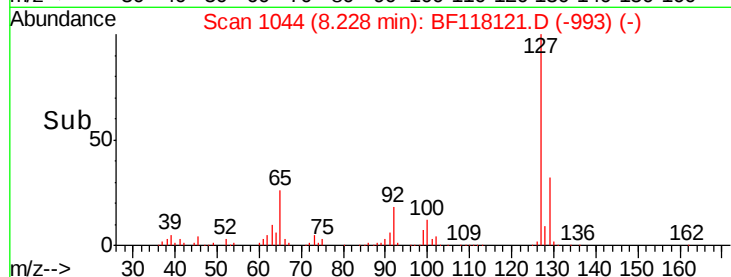
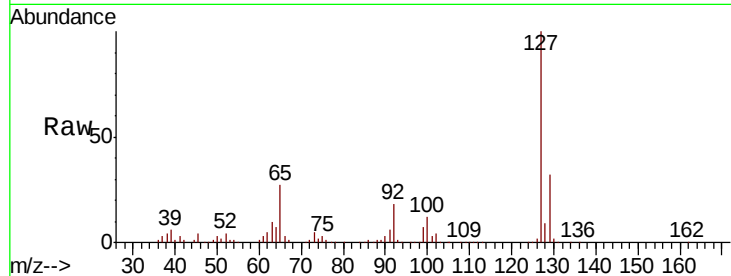




#33
4-Chloroaniline
Concen: 38.956 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

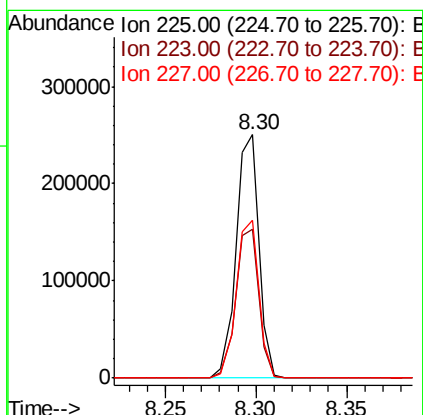
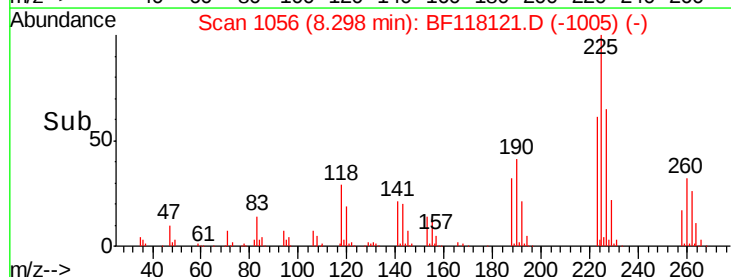
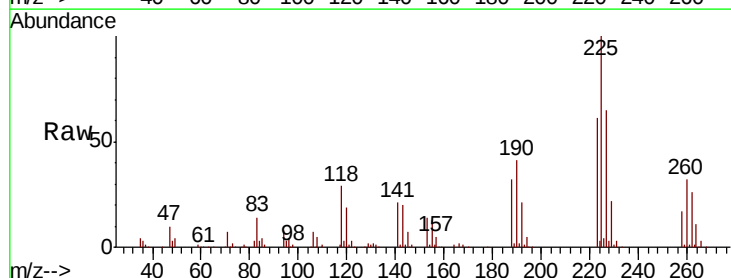
Instrument :
BNA_F
ClientSampleId :

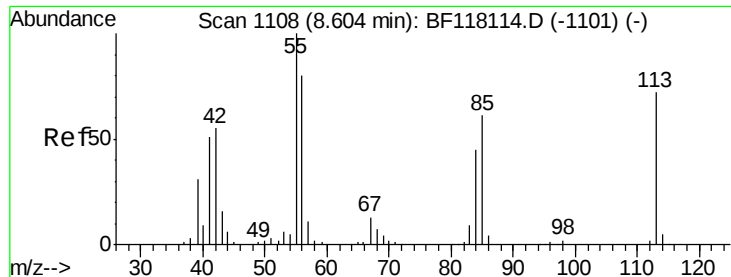
Tot Ion:	127	Resp:	467942
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	26.7	23.2	34.8
92	18.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.865 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:	225	Resp:	218980
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.6	74.4
227	64.7	51.0	76.6

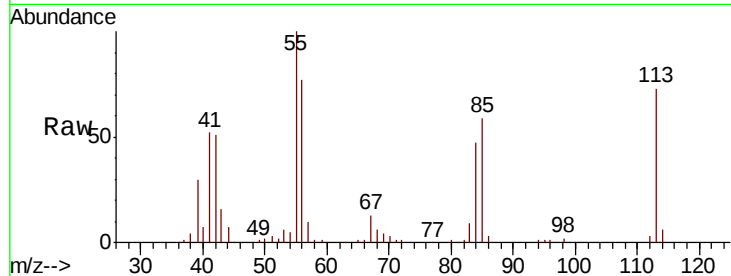




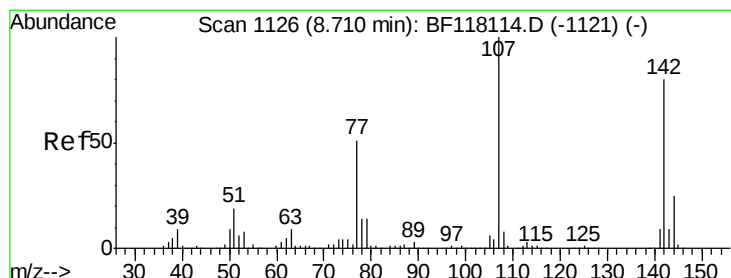
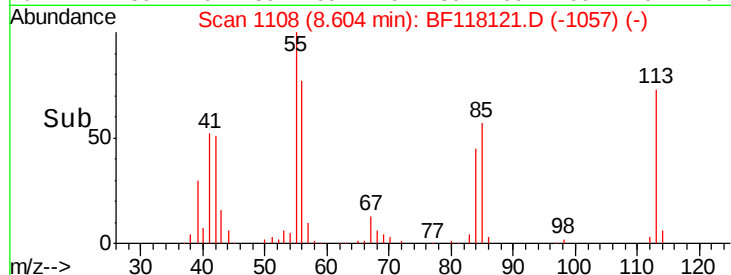
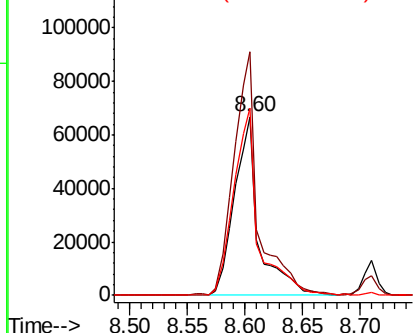
#35
 Caprolactam
 Concen: 39.591 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 98166
 Ion Ratio Lower Upper
 113 100
 55 136.4 118.9 158.9
 56 104.7 91.4 131.4

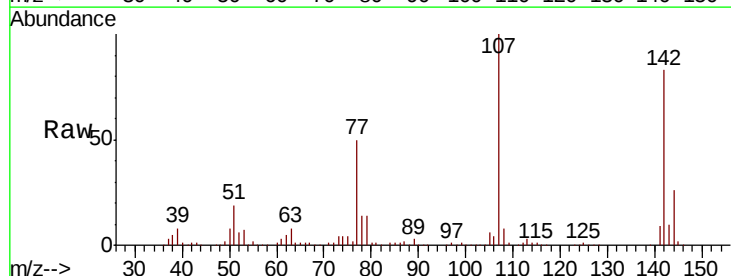


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

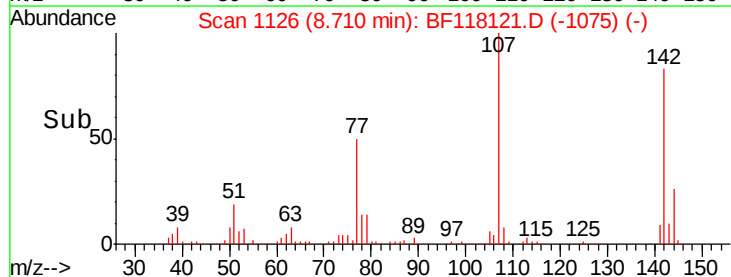
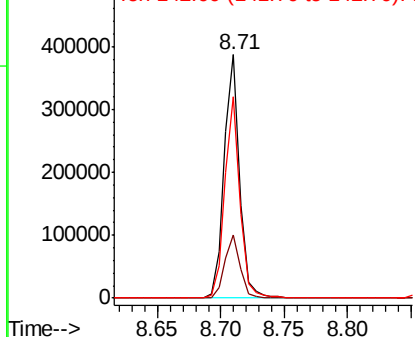


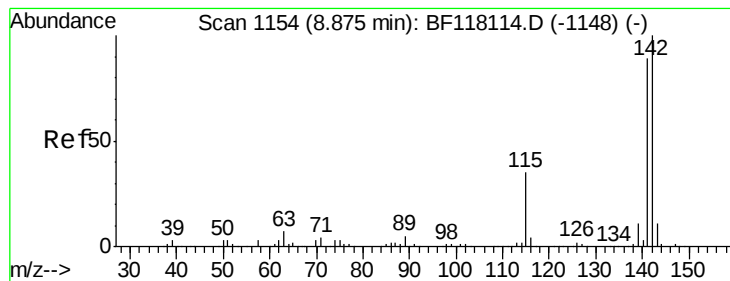
#36
 4-Chloro-3-methylphenol
 Concen: 38.817 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:107 Resp: 328433
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.3 30.5
 142 82.7 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: 39.028 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

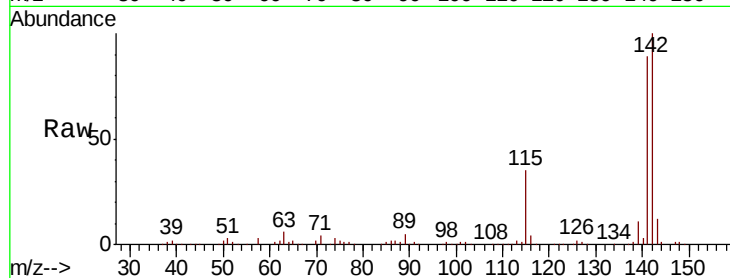
Tot Ion:142 Resp: 735032

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0

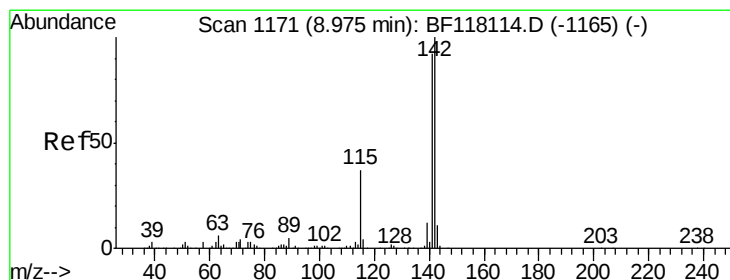
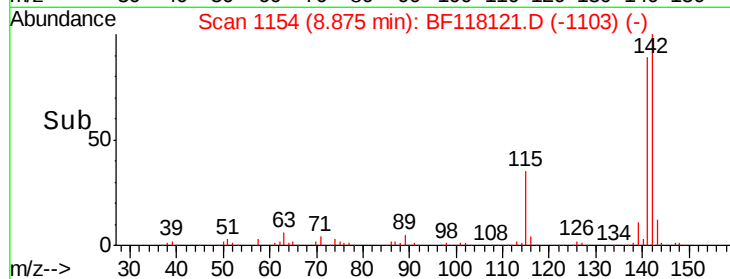
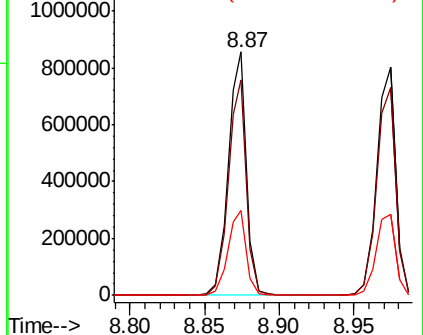
115 34.8 28.2 42.4



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: 39.078 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

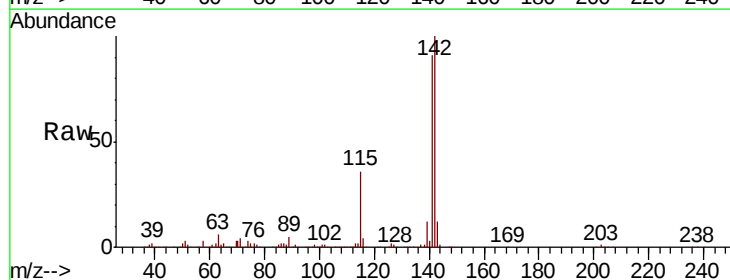
Tgt Ion:142 Resp: 691044

Ion Ratio Lower Upper

142 100

141 91.4 74.0 111.0

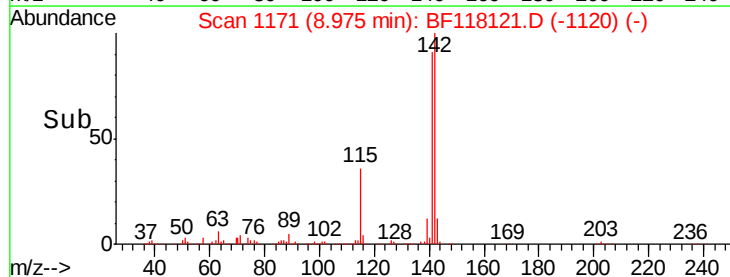
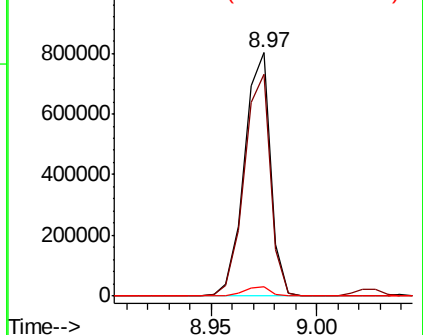
116 3.9 3.2 4.8

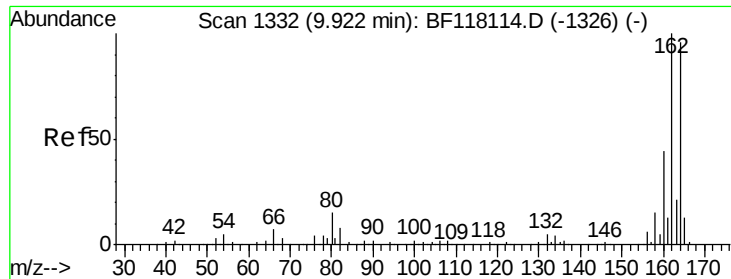


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1332

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

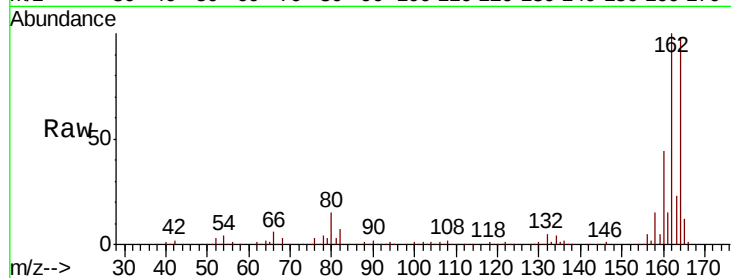
Tot Ion:164 Resp: 295877

Ion Ratio Lower Upper

164 100

162 102.2 83.4 125.0

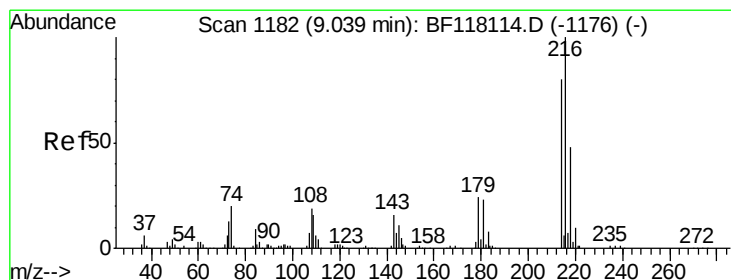
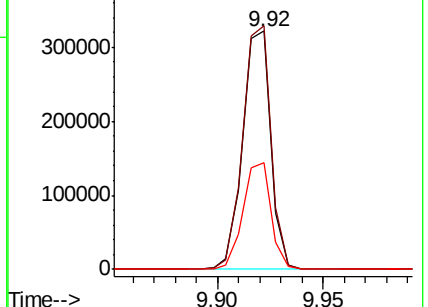
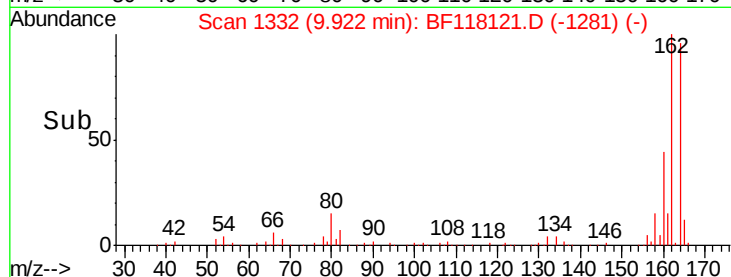
160 45.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.704 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Tgt Ion:216 Resp: 337945

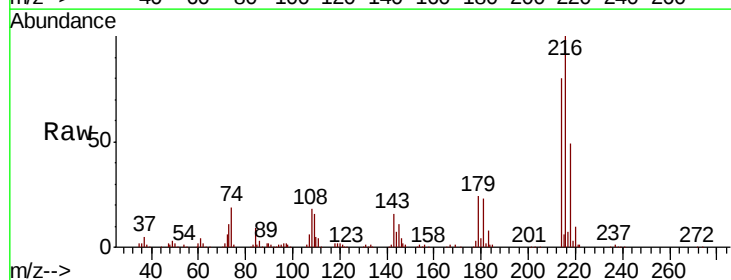
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 23.4 18.6 27.8

108 19.2 15.4 23.0

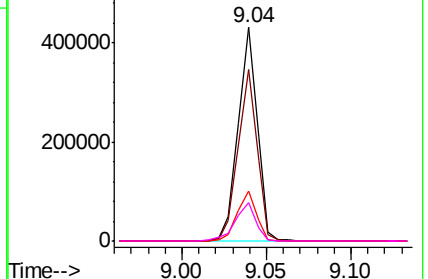
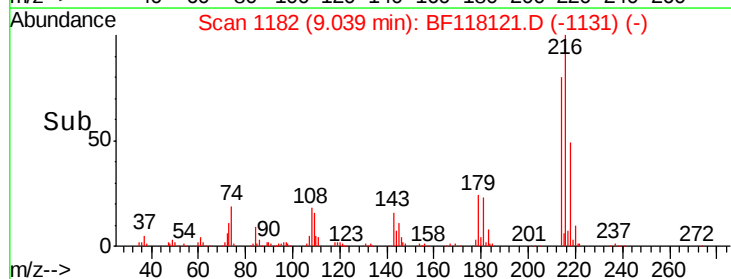


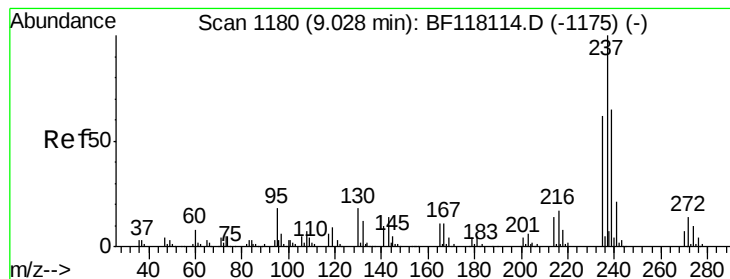
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.590 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

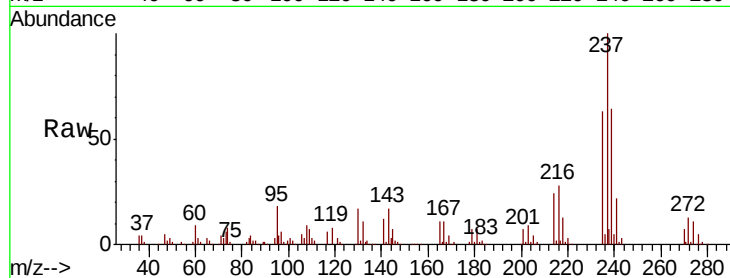
Tot Ion:237 Resp: 154976

Ion Ratio Lower Upper

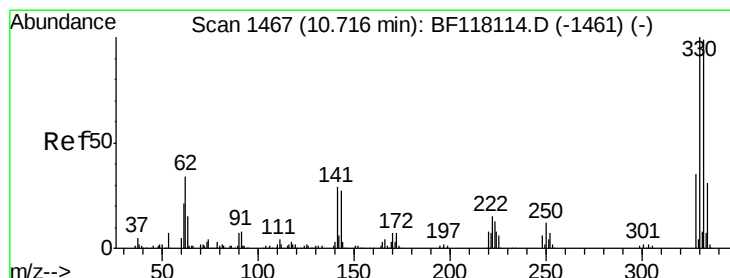
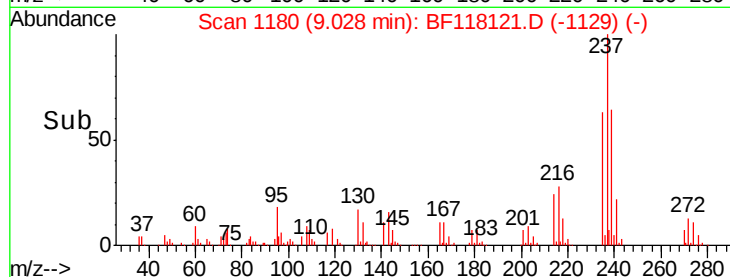
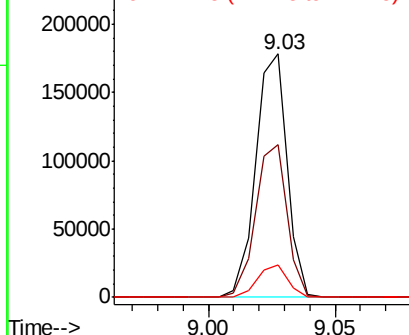
237 100

235 62.7 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: 77.591 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

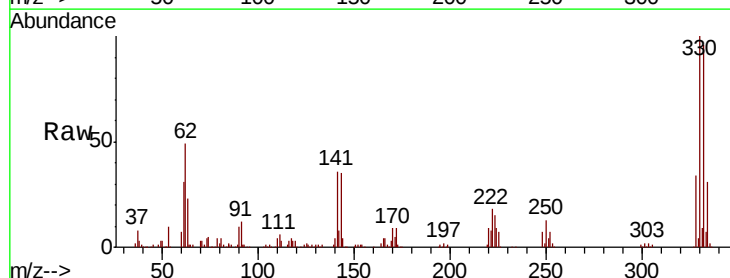
Tgt Ion:330 Resp: 278891

Ion Ratio Lower Upper

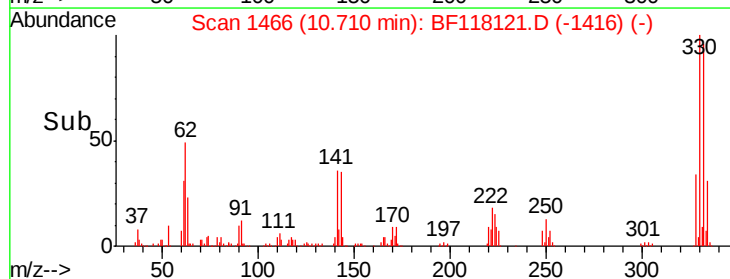
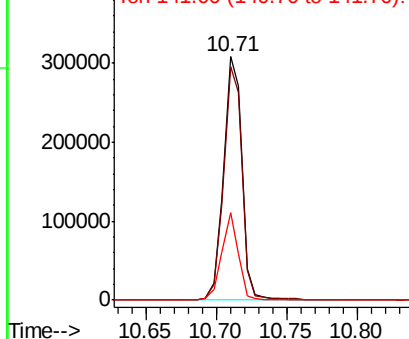
330 100

332 96.5 78.1 117.1

141 32.4 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

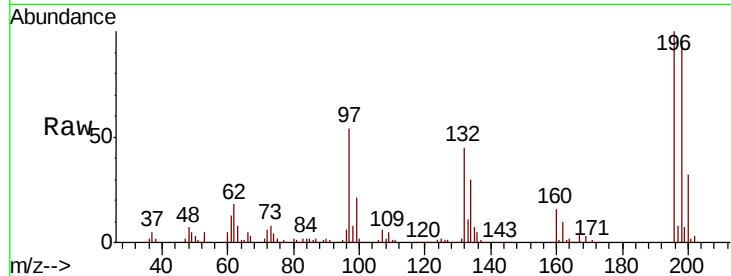




#43
 2,4,6-Trichlorophenol
 Concen: 38.660 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	231361
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.0	112.4
200	31.6	24.5	36.7

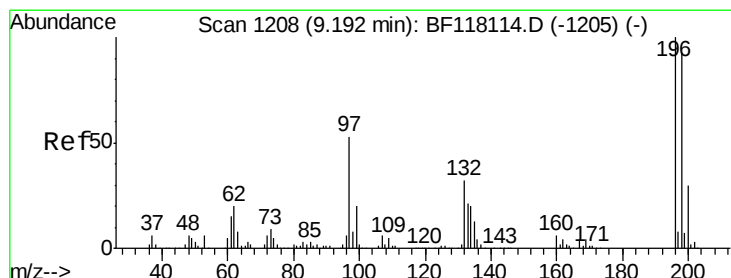
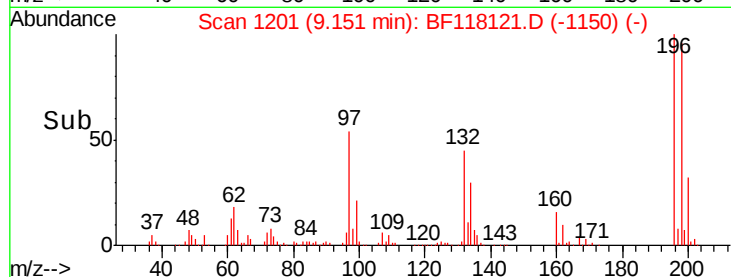
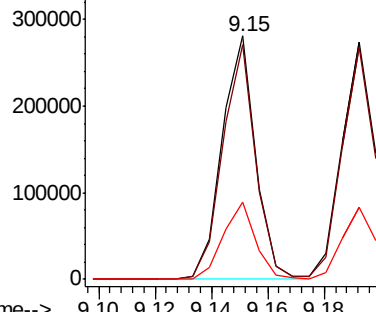


Abundance

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: 38.804 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion	196	Resp	240594
Ion Ratio	Lower	Upper	
196	100		
198	97.8	74.2	111.4
97	50.2	42.5	63.7
132	30.3	25.4	38.2

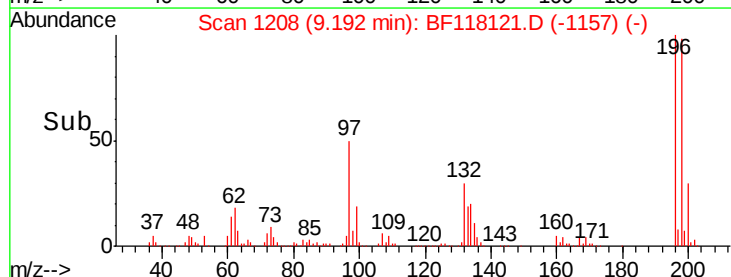
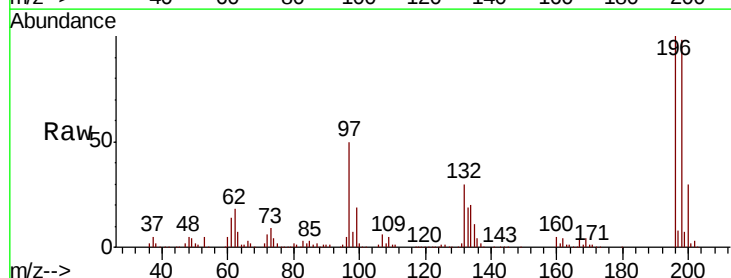
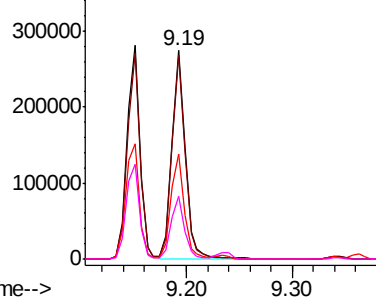
Abundance

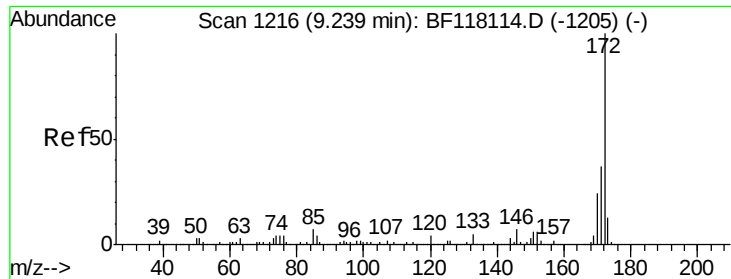
Ion 196.00 (195.70 to 196.70): E

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

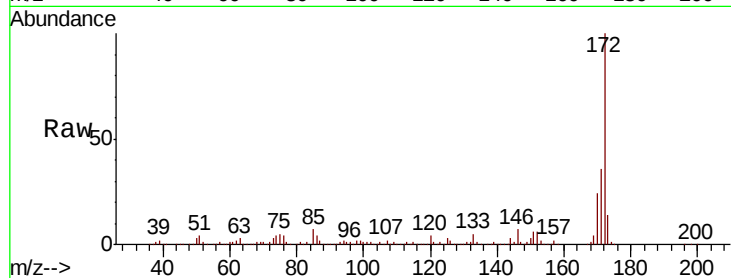




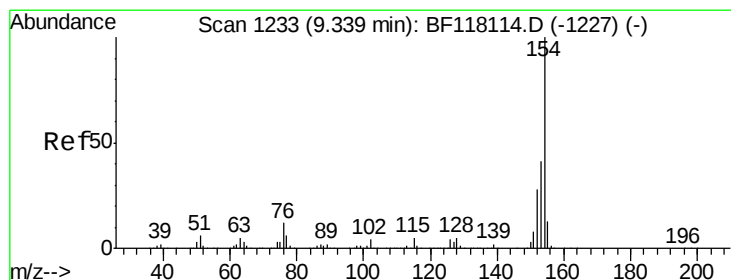
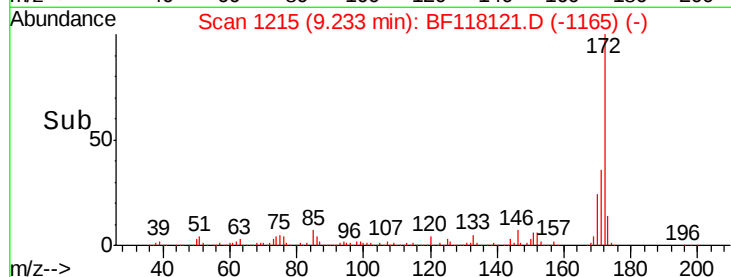
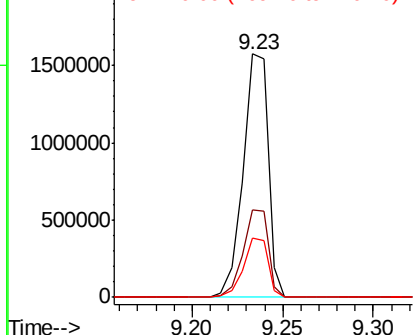
#45
2-Fluorobiphenyl
Concen: 77.820 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1513165
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.4 19.4 29.2

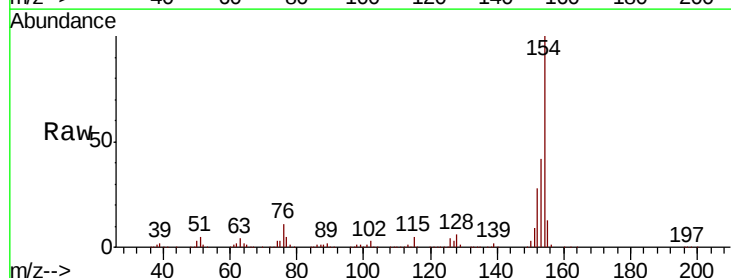


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

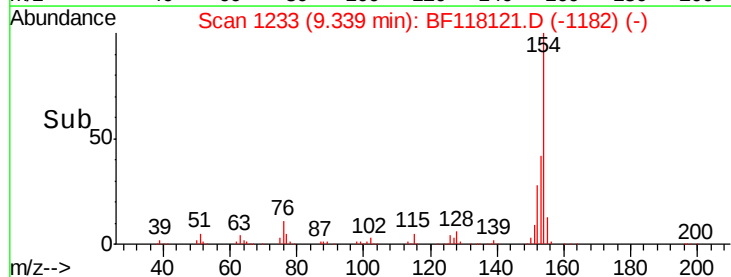
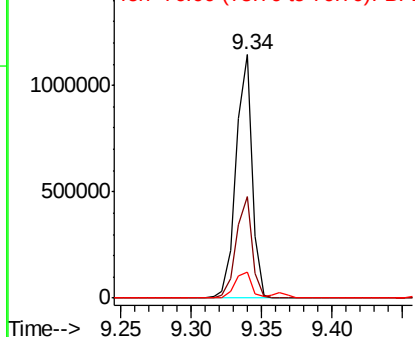


#46
1,1'-Biphenyl
Concen: 38.785 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:154 Resp: 905070
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 10.5 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

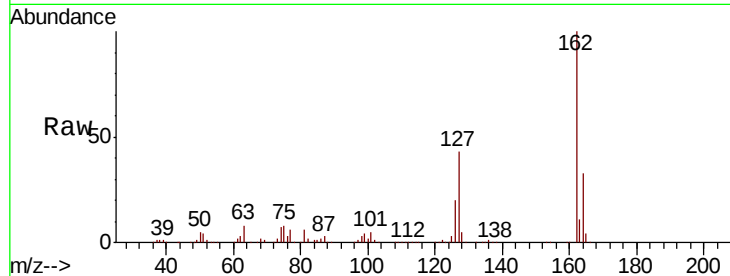




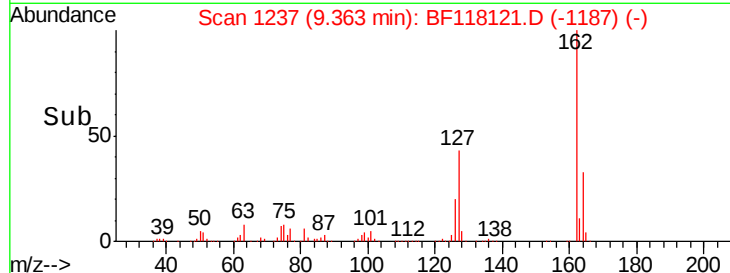
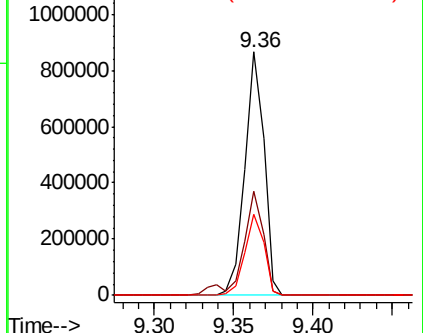
#47
 2-Chloronaphthalene
 Concen: 38.670 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.0	48.0
164	33.3	26.1	39.1

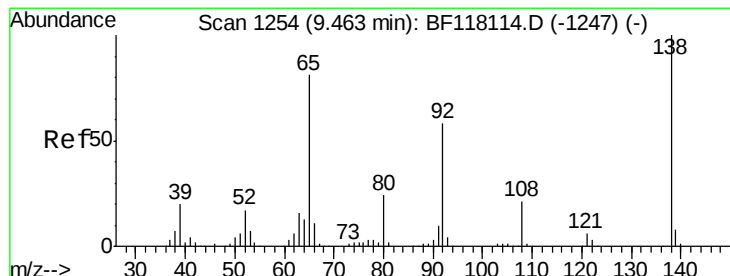


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

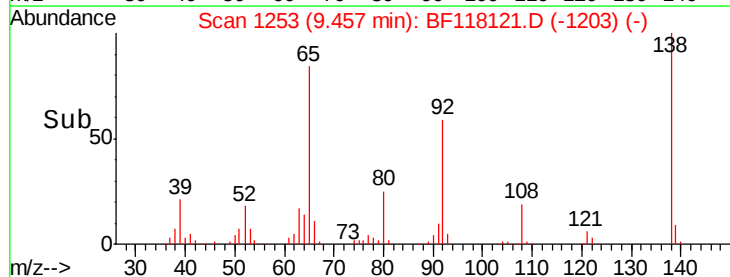
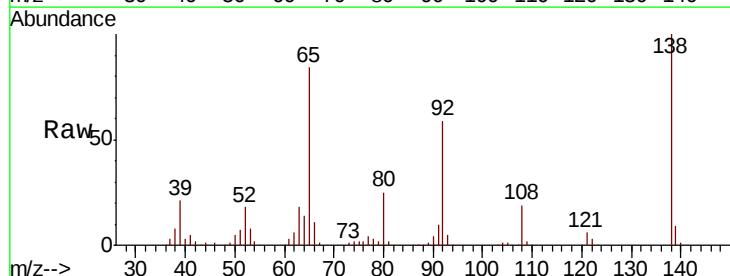
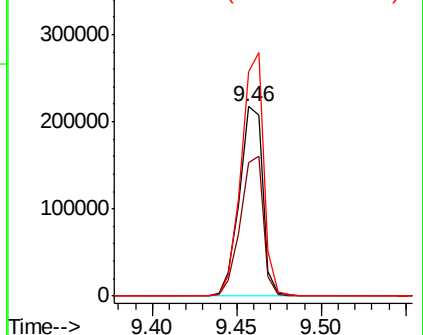


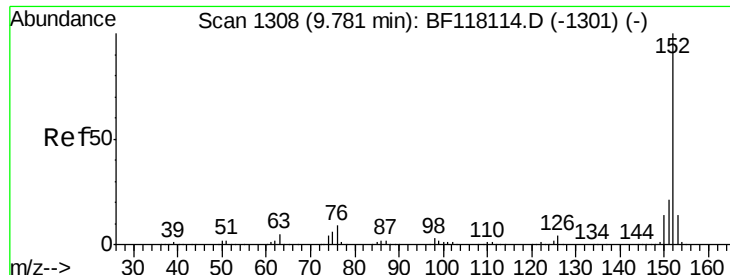
#48
 2-Nitroaniline
 Concen: 39.130 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.8	86.6
138	118.6	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: 39.053 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

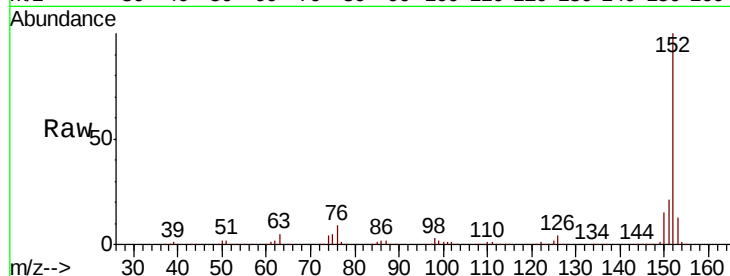
Tot Ion:152 Resp: 1081231

Ion Ratio Lower Upper

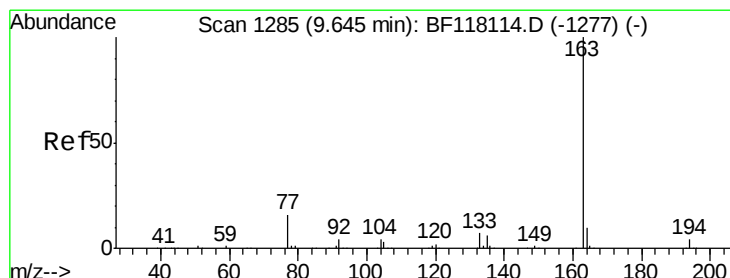
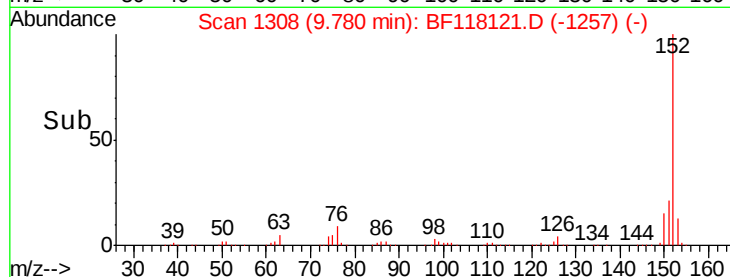
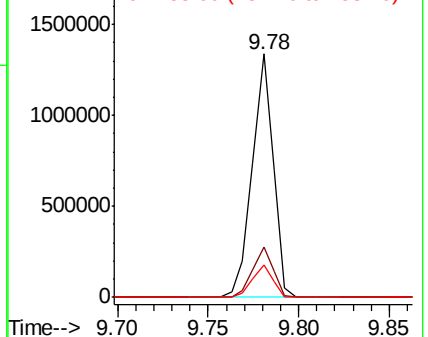
152 100

151 20.7 16.4 24.6

153 13.2 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: 38.737 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

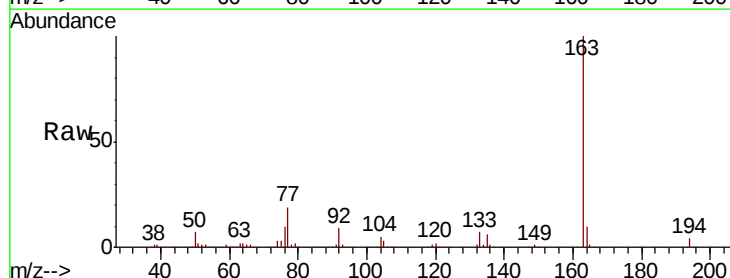
Tgt Ion:163 Resp: 846597

Ion Ratio Lower Upper

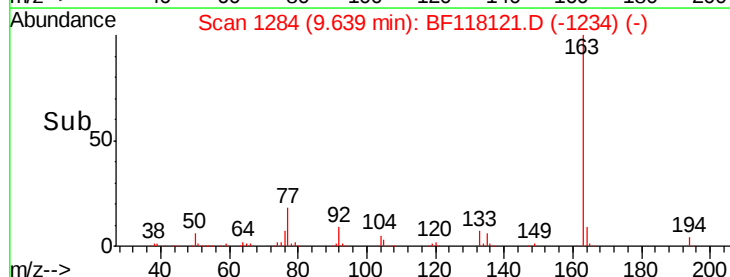
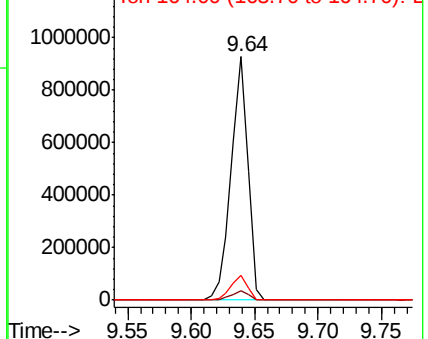
163 100

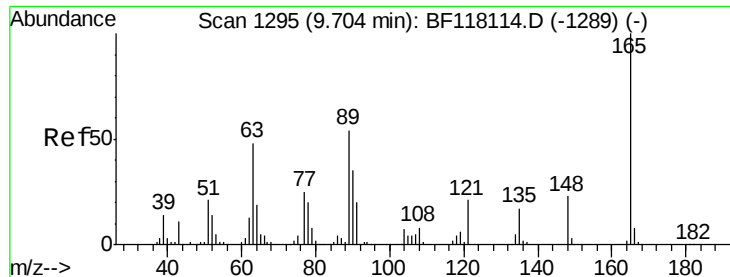
194 3.7 3.1 4.7

164 10.0 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

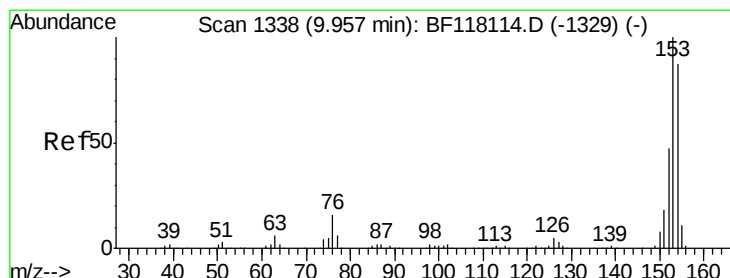
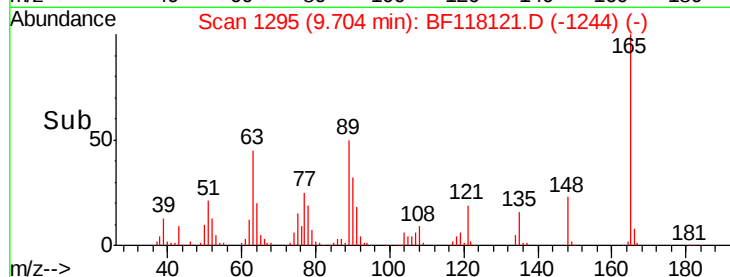
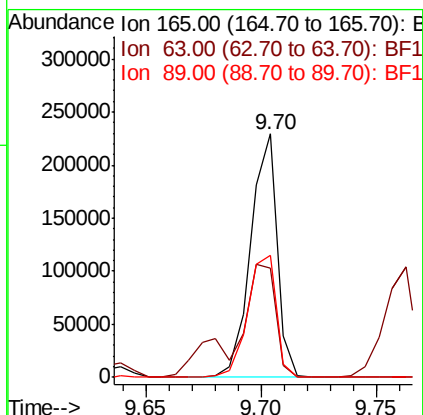
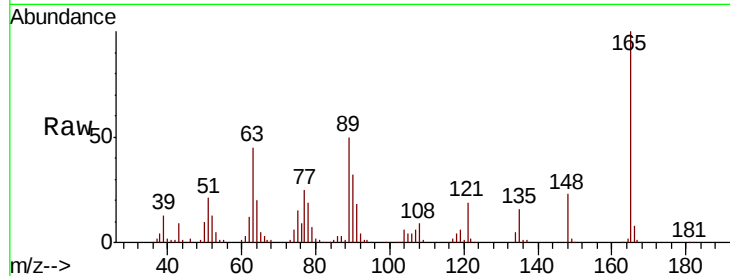




#51
 2,6-Dinitrotoluene
 Concen: 38.729 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

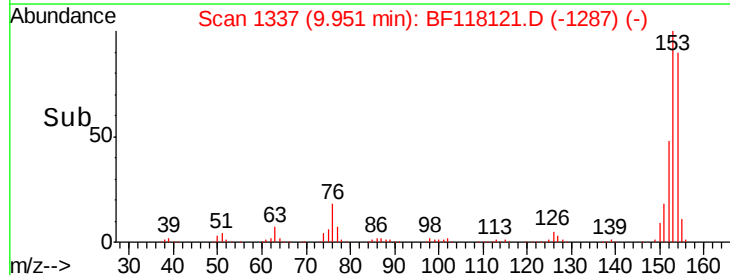
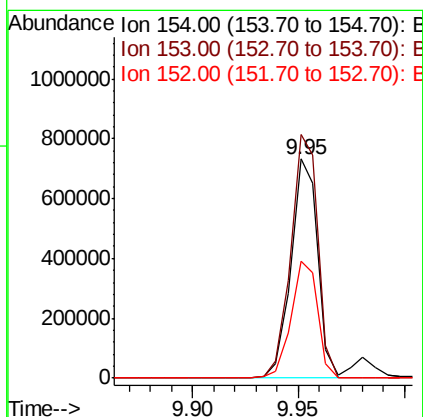
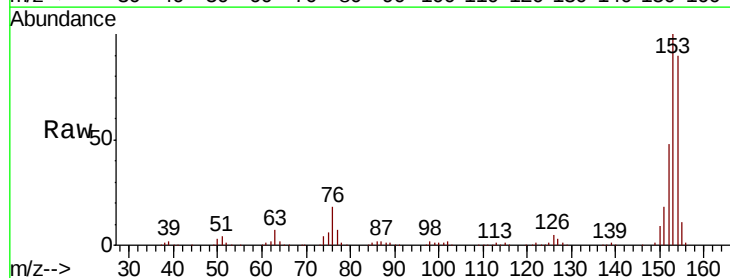
Instrument :
 BNA_F
 ClientSampleId :

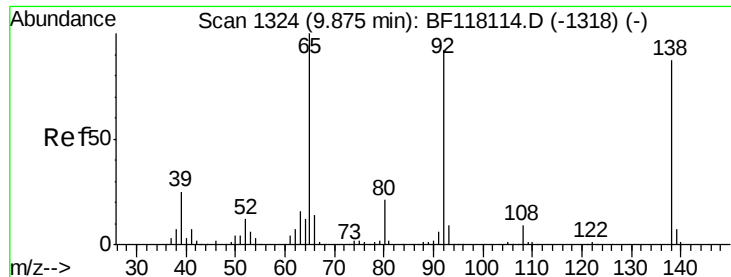
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	41.4	62.0
89	50.2	42.9	64.3



#52
 Acenaphthene
 Concen: 38.234 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.8	137.6
152	53.4	43.3	64.9

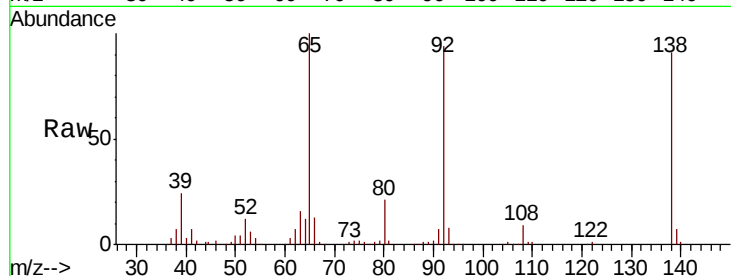




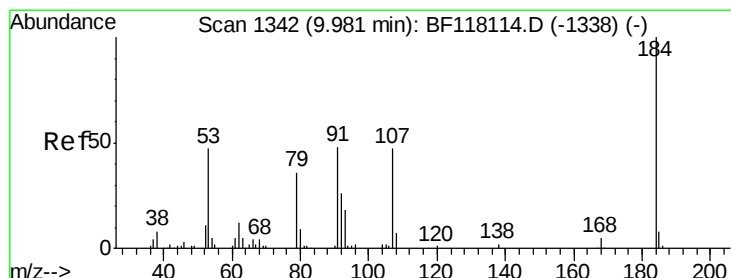
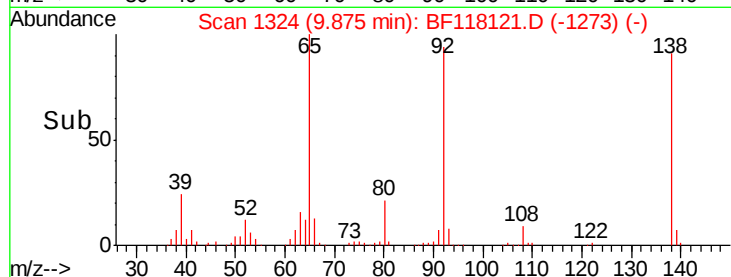
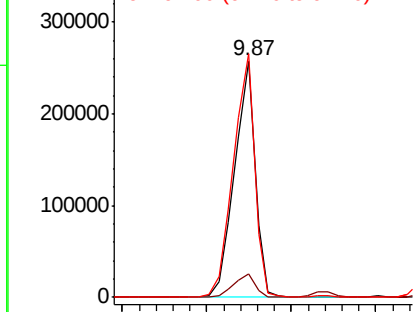
#53
3-Nitroaniline
Concen: 39.137 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 218879
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 103.0 84.9 127.3

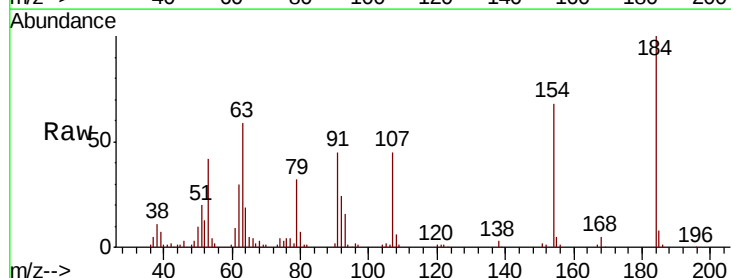


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

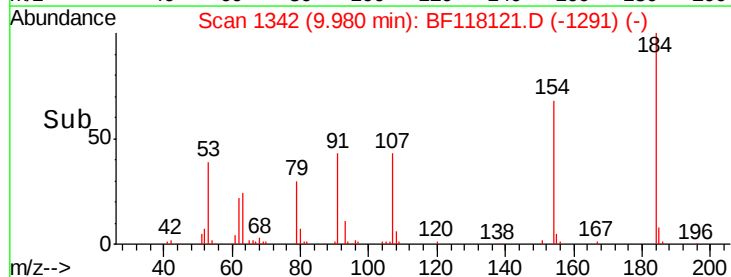
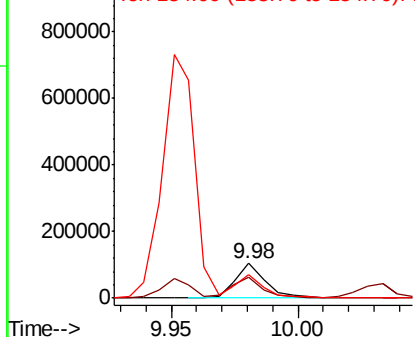


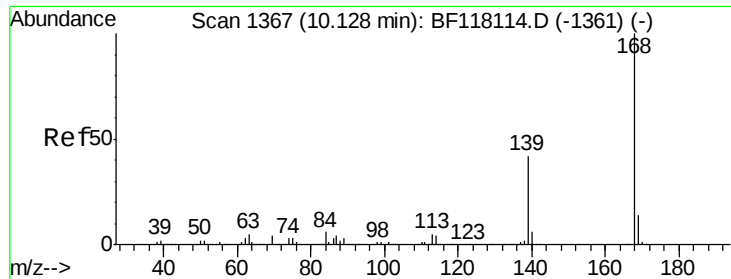
#54
2,4-Dinitrophenol
Concen: 36.896 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:184 Resp: 87233
Ion Ratio Lower Upper
184 100
63 59.1 53.9 80.9
154 68.0 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

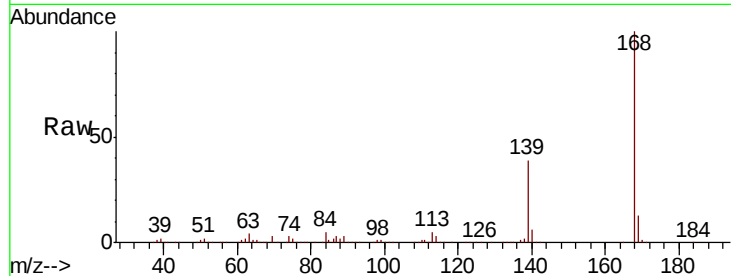




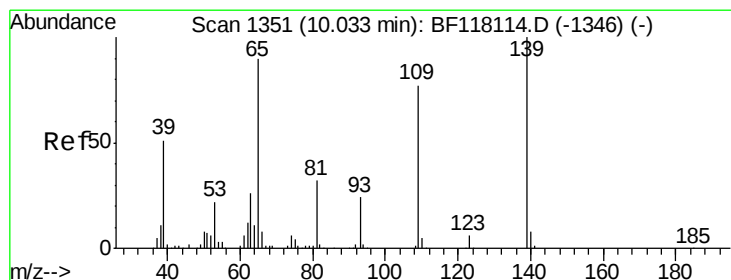
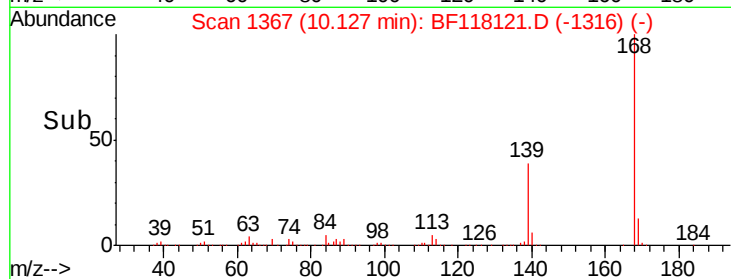
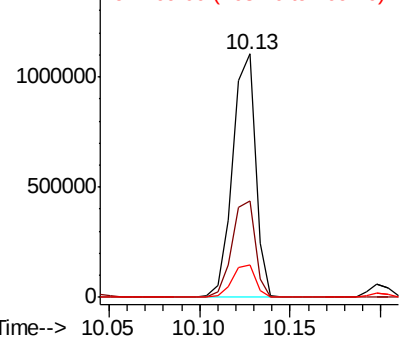
#55
Dibenzofuran
Concen: 39.316 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 973523
Ion Ratio Lower Upper
168 100
139 39.4 33.4 50.0
169 13.3 11.0 16.6

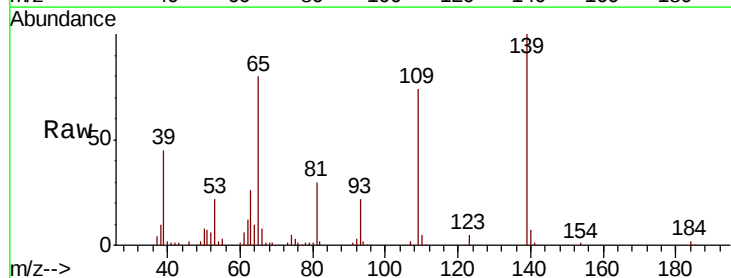


Abundance Ion 168.00 (167.70 to 168.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

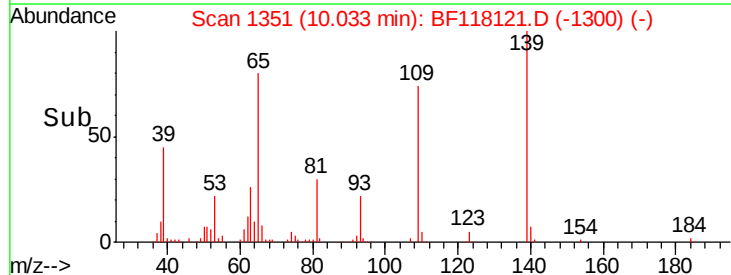
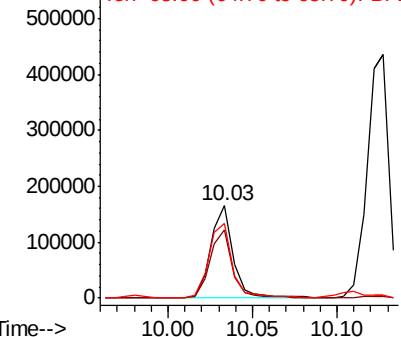


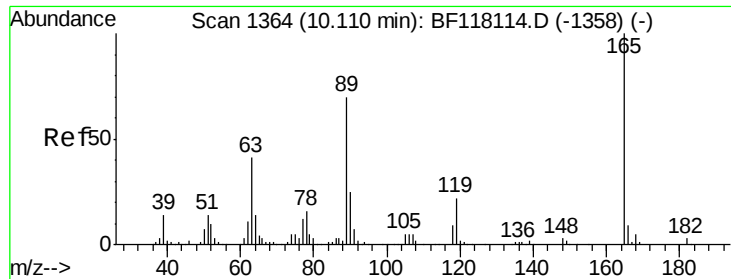
#56
4-Nitrophenol
Concen: 39.571 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:139 Resp: 153581
Ion Ratio Lower Upper
139 100
109 74.4 57.3 97.3
65 80.4 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

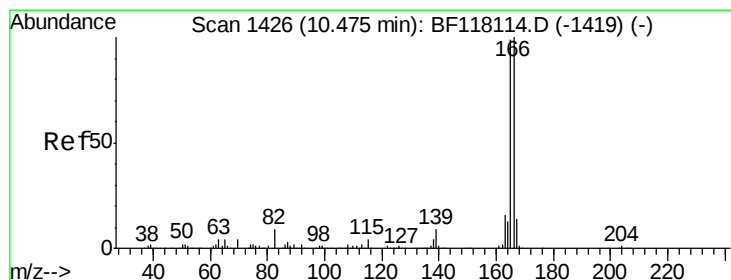
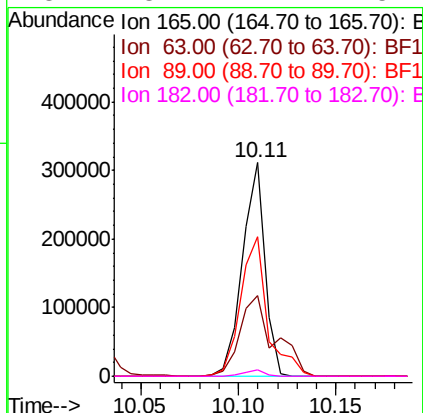
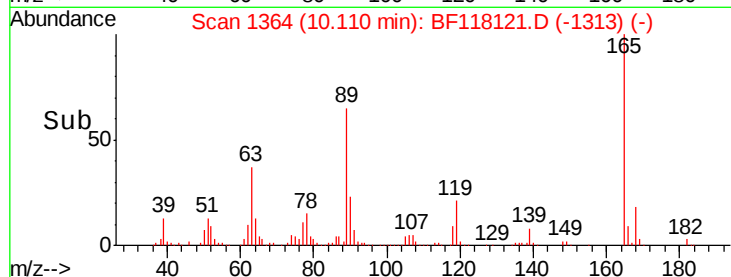
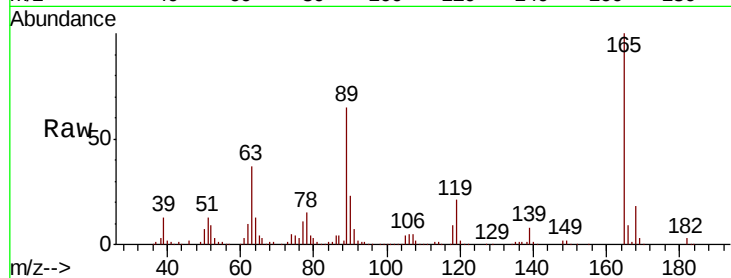




#57
2,4-Dinitrotoluene
Concen: 39.369 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

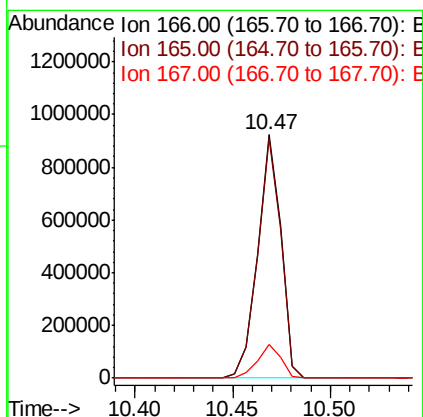
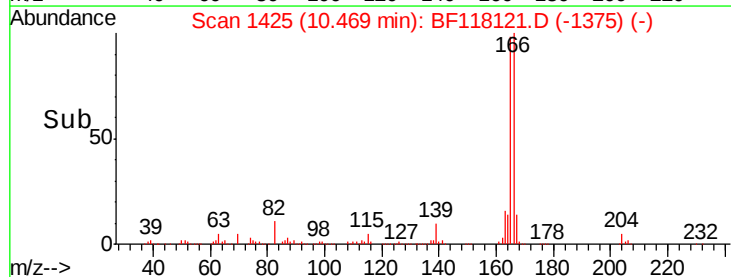
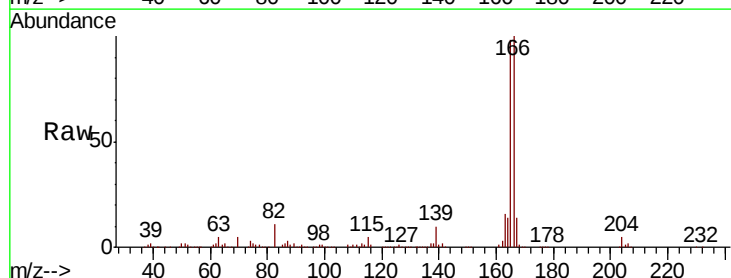
Instrument :
BNA_F
ClientSampleId :

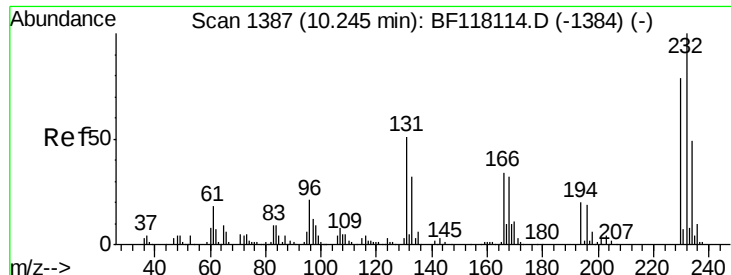
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	32.6	49.0
89	65.3	56.1	84.1
182	3.1	2.1	3.1#



#58
Fluorene
Concen: 38.735 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	14.0	10.9	16.3

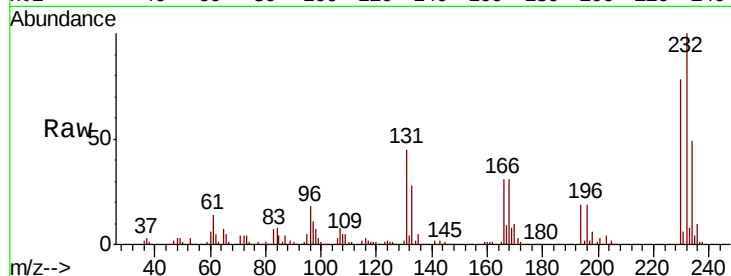




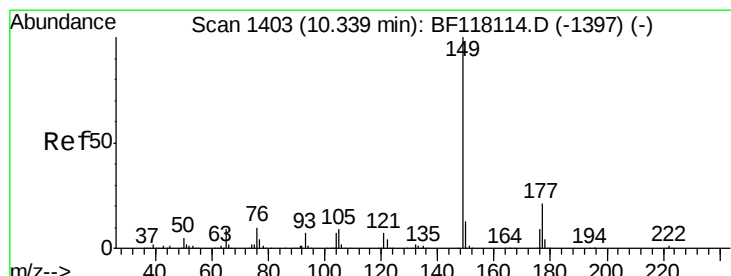
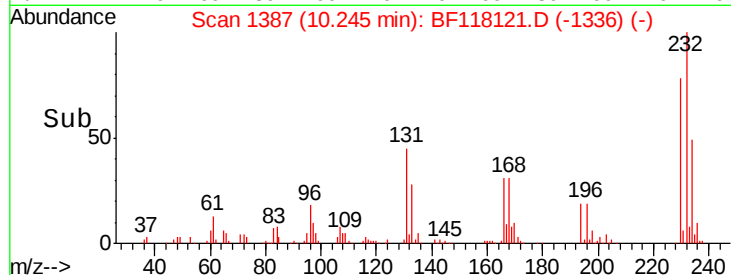
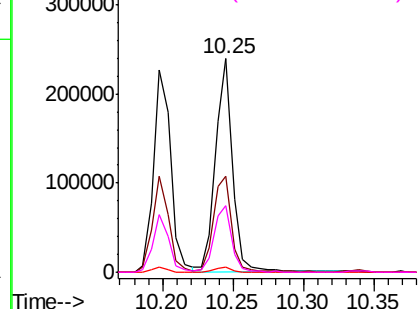
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.139 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	200205
Ion	Ratio	Lower	Upper
232	100		
131	48.9	38.8	58.2
130	2.4	1.9	2.9
166	32.6	25.4	38.0

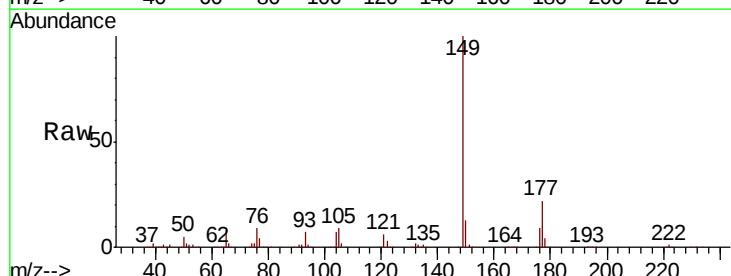


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

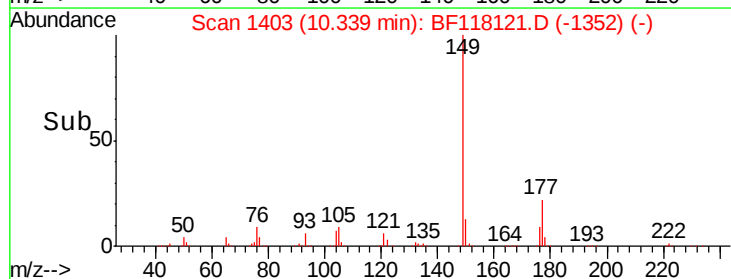
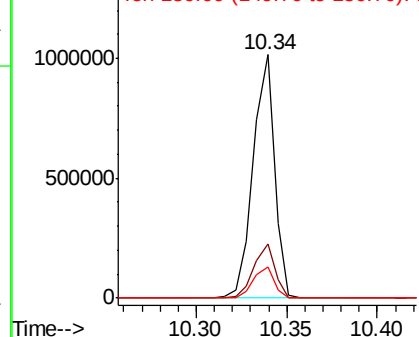


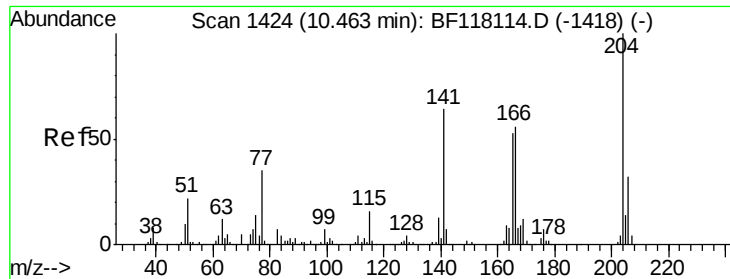
#60
 Diethylphthalate
 Concen: 38.694 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:	149	Resp:	833179
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.4
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

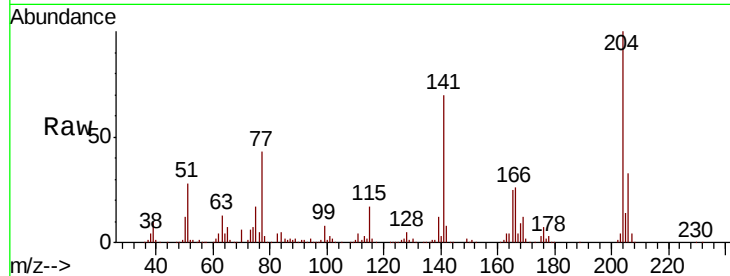




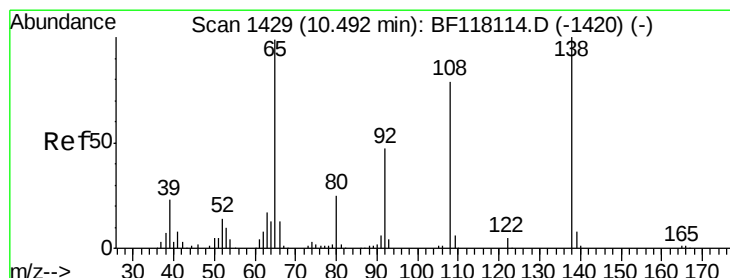
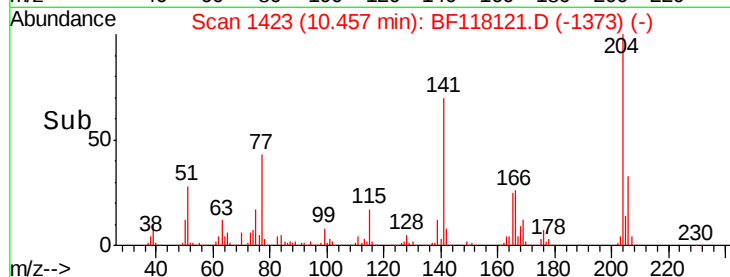
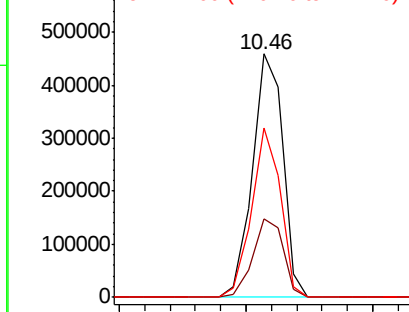
#61
4-Chlorophenyl-phenylether
Concen: 38.855 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 384700
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 69.6 51.0 76.6

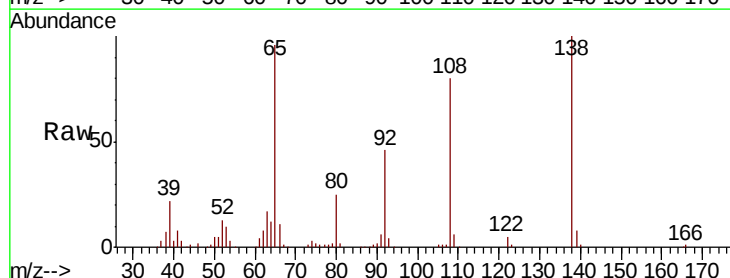


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

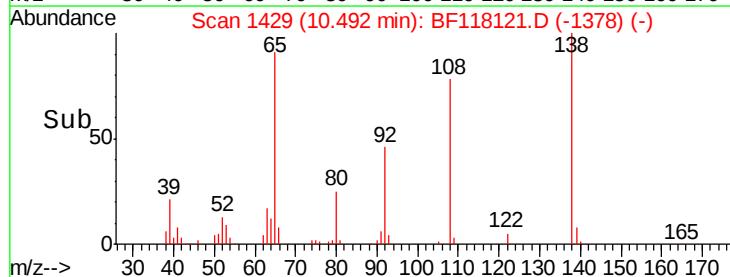
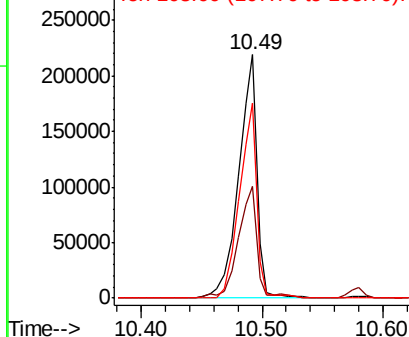


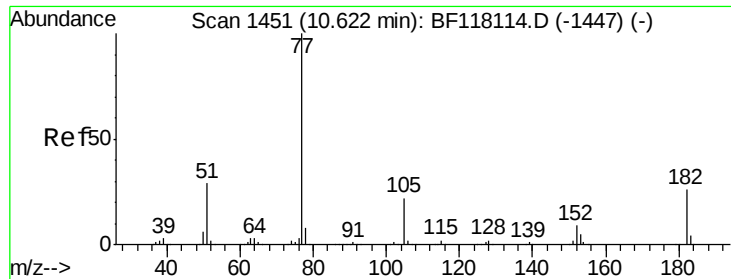
#62
4-Nitroaniline
Concen: 39.777 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:138 Resp: 232015
Ion Ratio Lower Upper
138 100
92 45.9 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: 38.971 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 716347

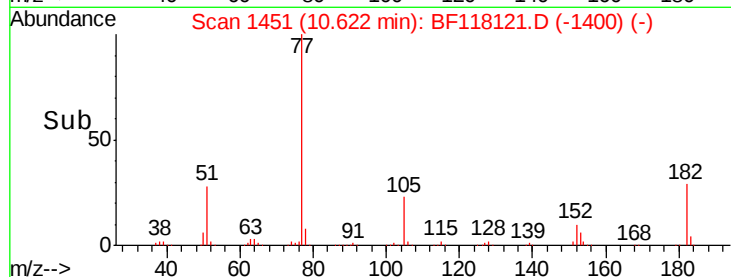
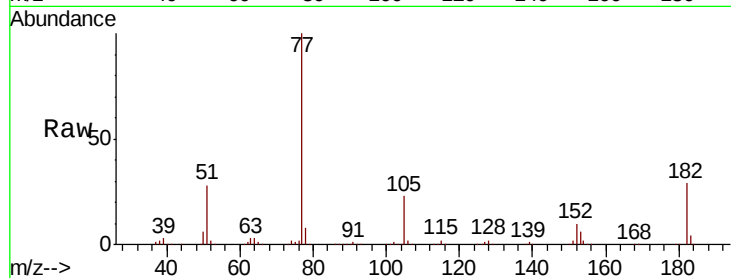
Ion Ratio Lower Upper

77 100

182 29.3 5.7 45.7

105 23.0 2.2 42.2

51 28.3 9.6 49.6

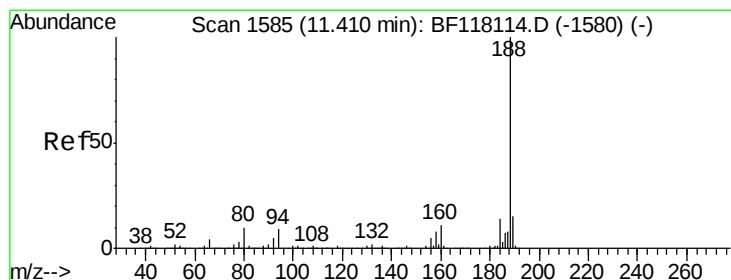
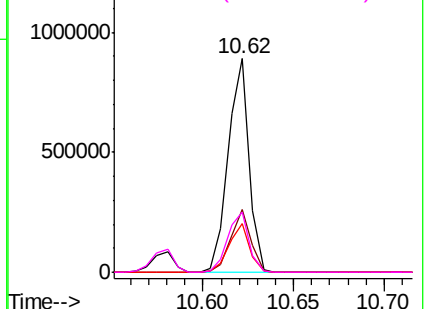


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118121.D

Acq: 7 Dec 2019 10:59

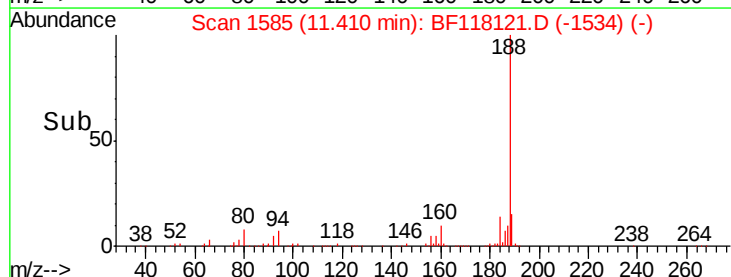
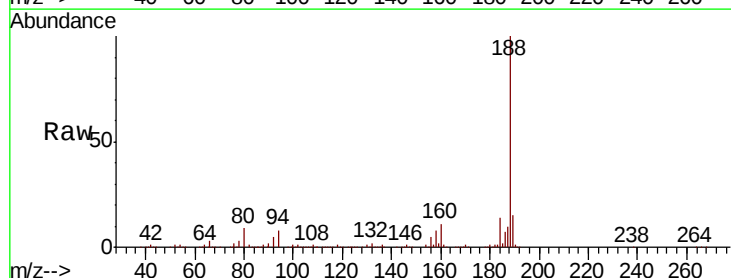
Tgt Ion: 188 Resp: 555253

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

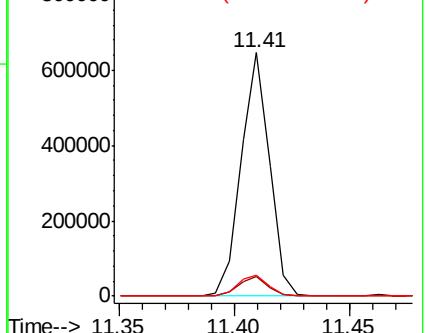
80 8.5 7.9 11.9

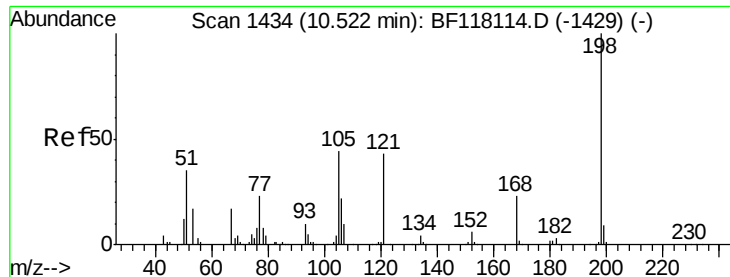


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

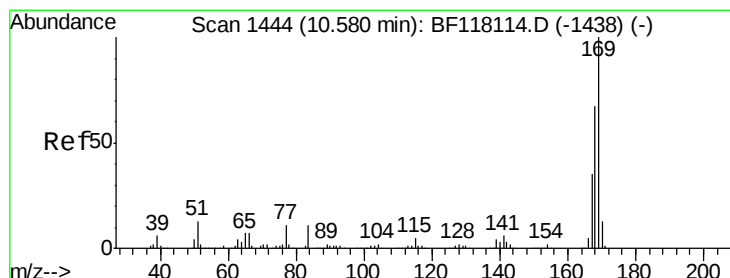
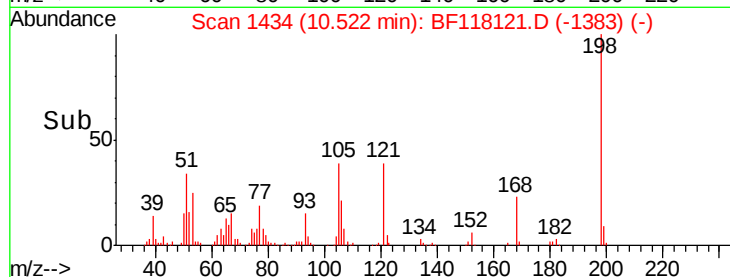
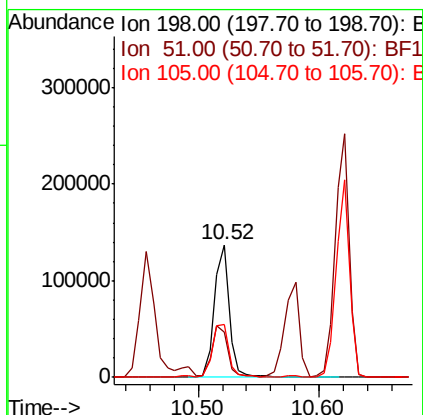
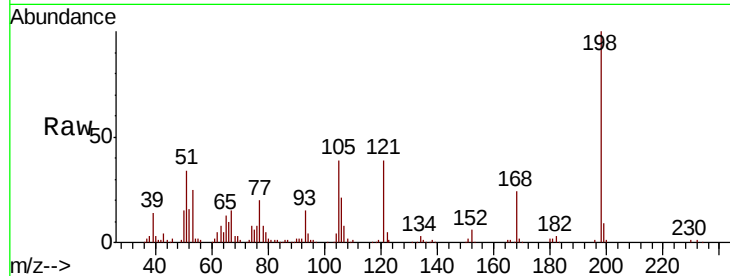




#65
4,6-Dinitro-2-methylphenol
Concen: 38.041 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

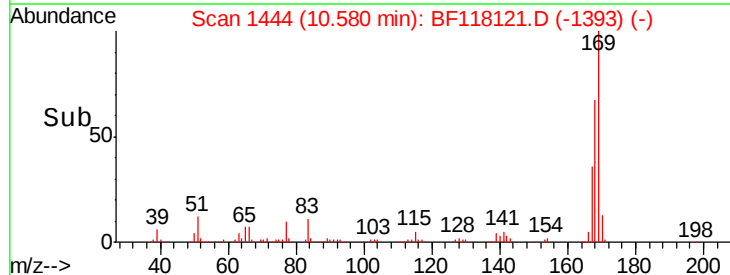
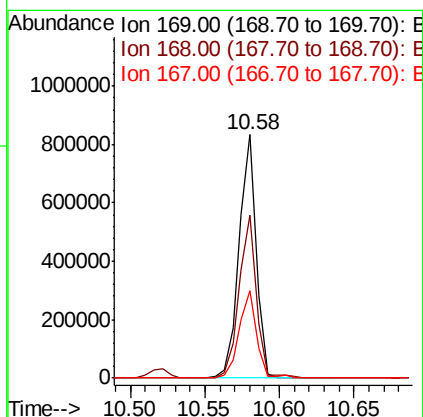
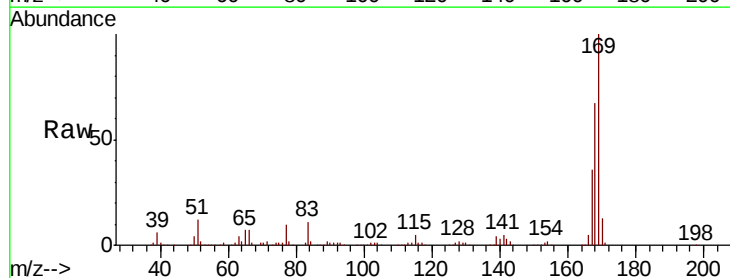
Instrument :
BNA_F
ClientSampleId :

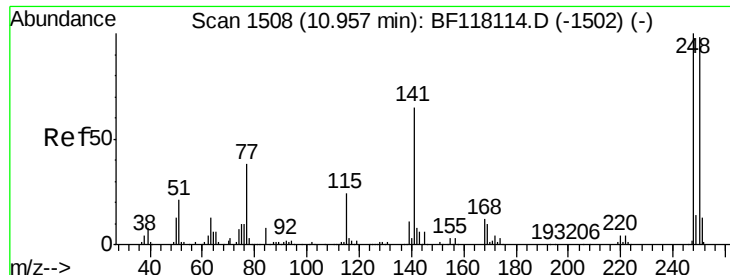
Tot Ion:198 Resp: 116649
Ion Ratio Lower Upper
198 100
51 33.9 22.0 62.0
105 39.4 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 38.631 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:169 Resp: 669842
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.1 28.4 42.6

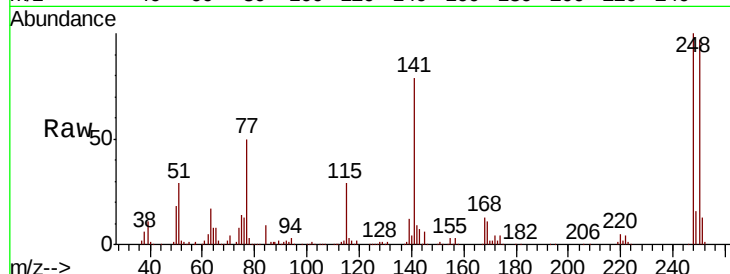




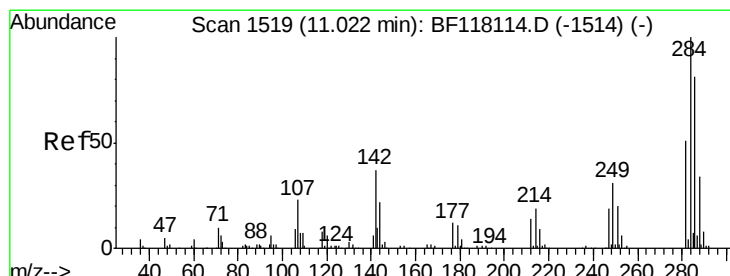
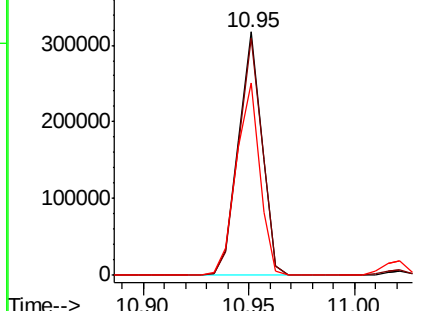
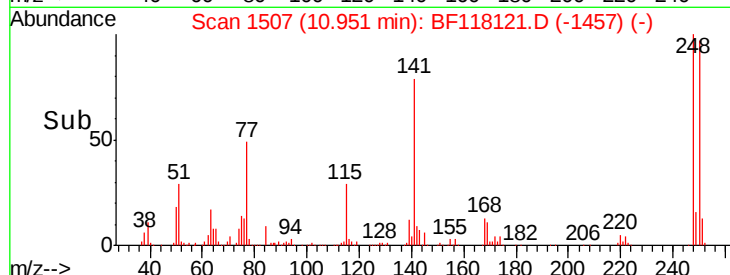
#67
4-Bromophenyl-phenylether
Concen: 38.496 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 244000
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 79.0 52.2 78.4#

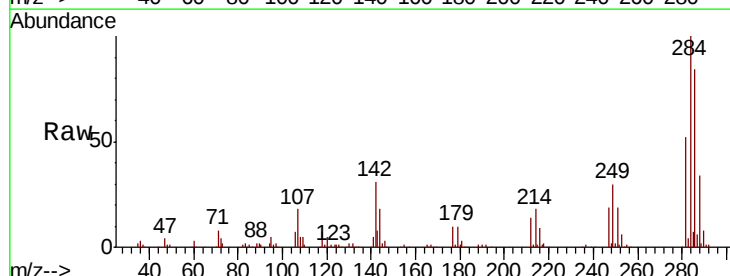


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

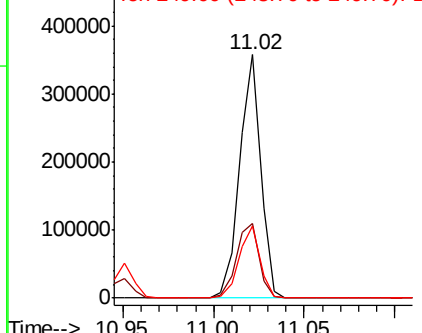
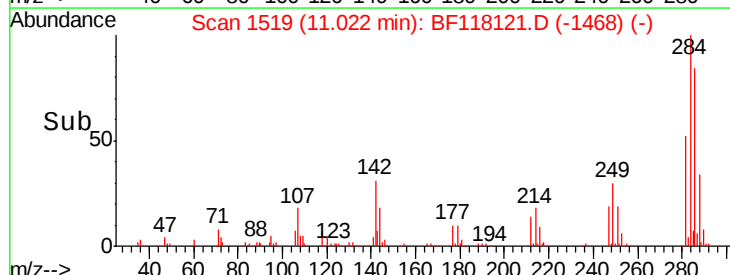


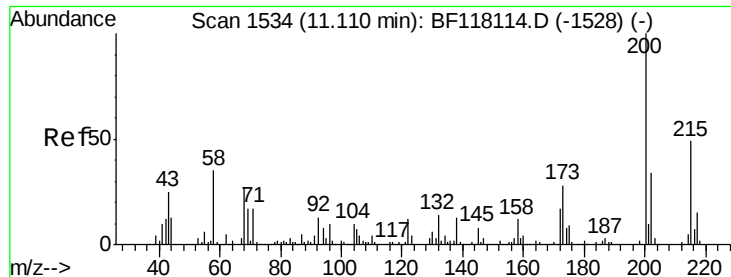
#68
Hexachlorobenzene
Concen: 38.794 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:284 Resp: 289414
Ion Ratio Lower Upper
284 100
142 30.9 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

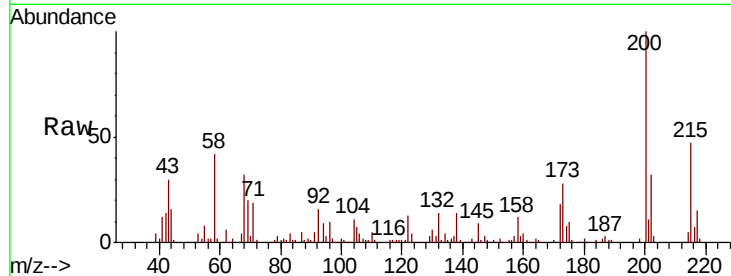




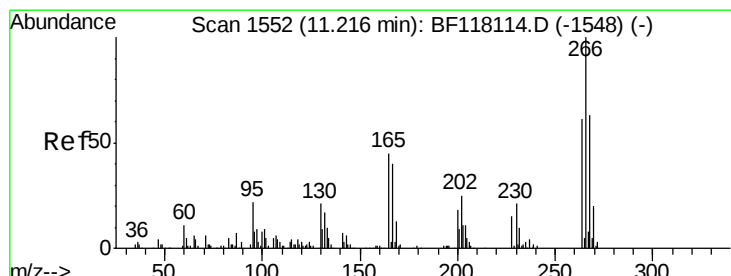
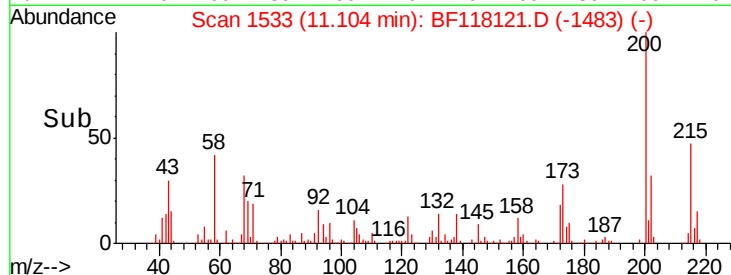
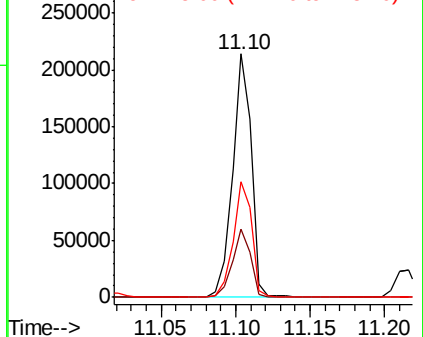
#69
Atrazine
Concen: 39.379 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 190055
Ion Ratio Lower Upper
200 100
173 27.8 8.1 48.1
215 47.4 29.0 69.0

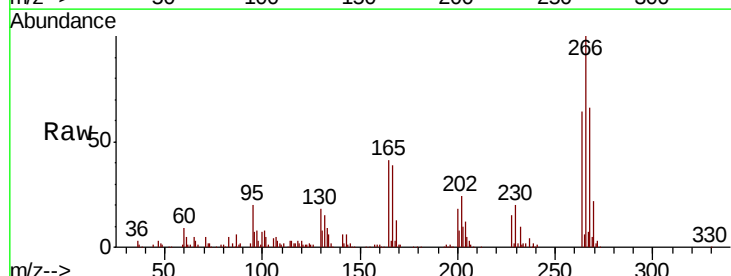


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

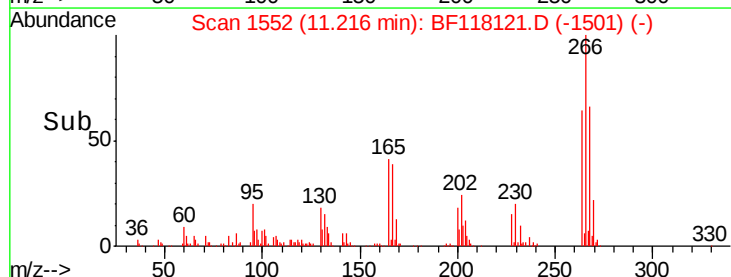
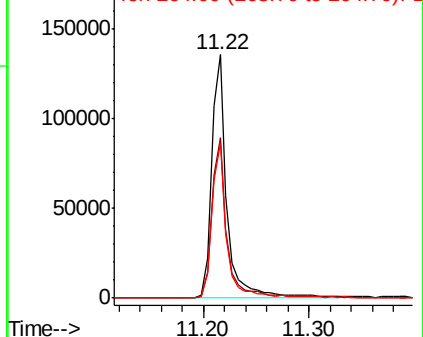


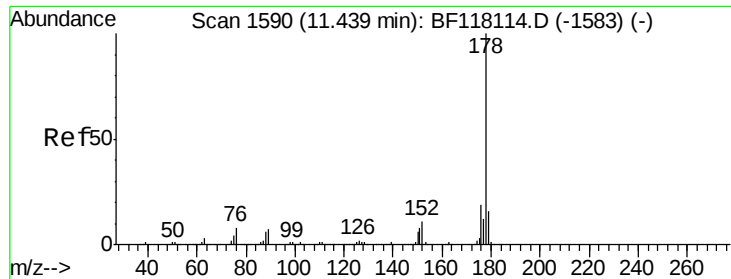
#70
Pentachlorophenol
Concen: 39.484 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:266 Resp: 138527
Ion Ratio Lower Upper
266 100
268 65.9 50.7 76.1
264 63.7 48.7 73.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.296 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

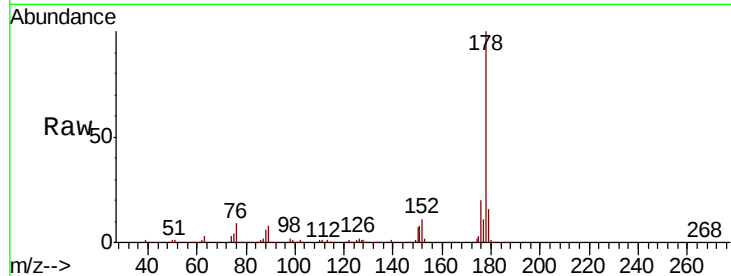
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1159879

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.6	12.6	18.8

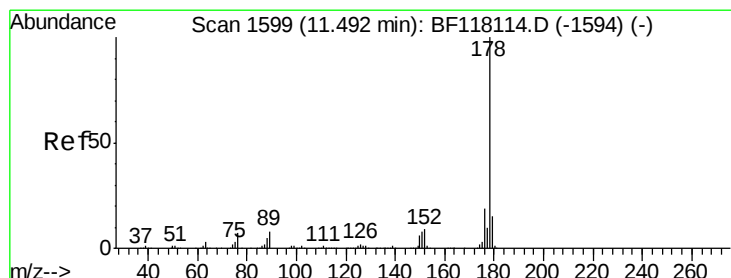
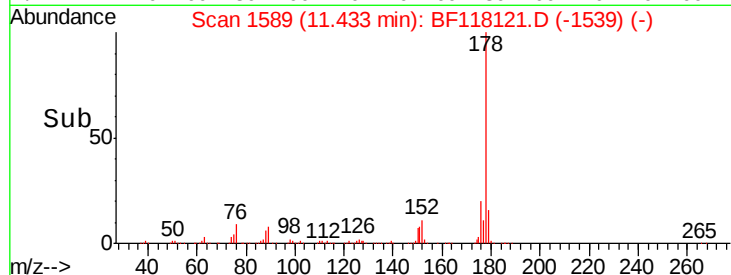
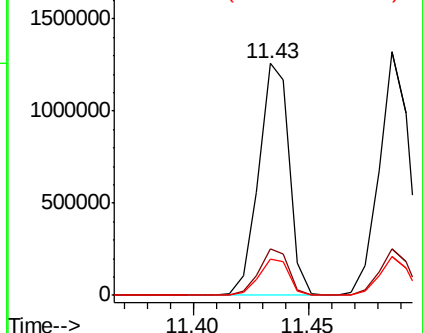


Abundance

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: 39.517 ng

RT: 11.49 min Scan# 1598

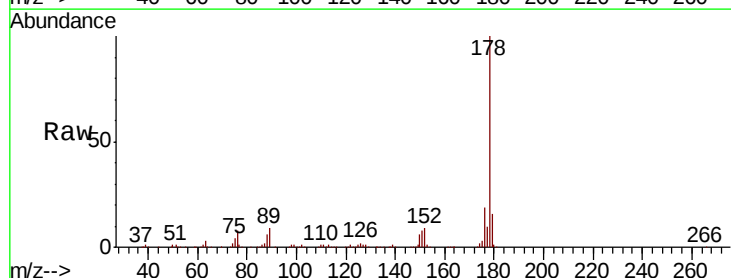
Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Tgt Ion:178 Resp: 1163576

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	16.0	12.2	18.4

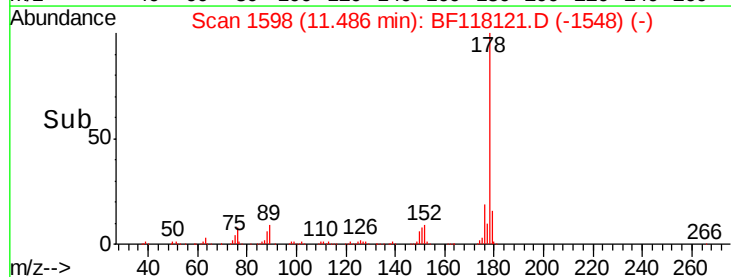
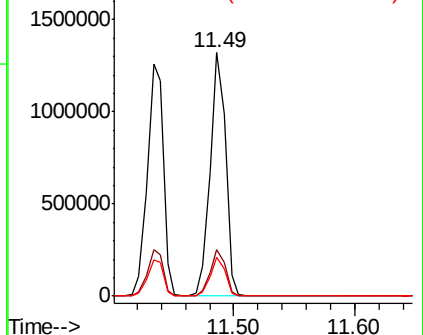


Abundance

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

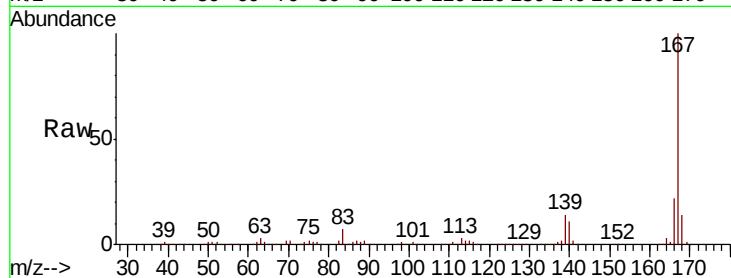




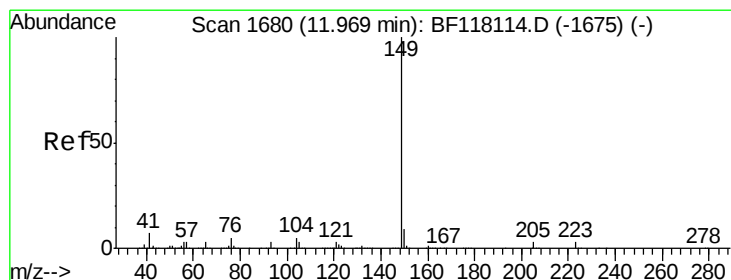
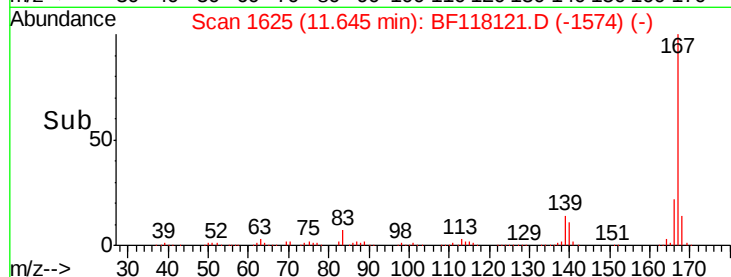
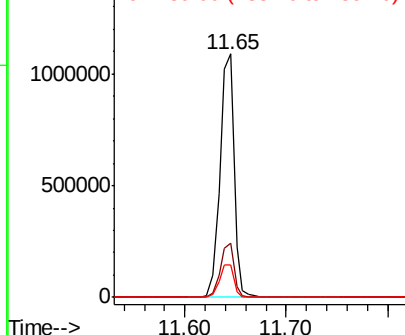
#73
 Carbazole
 Concen: 39.754 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1050238
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.6 11.4 17.0

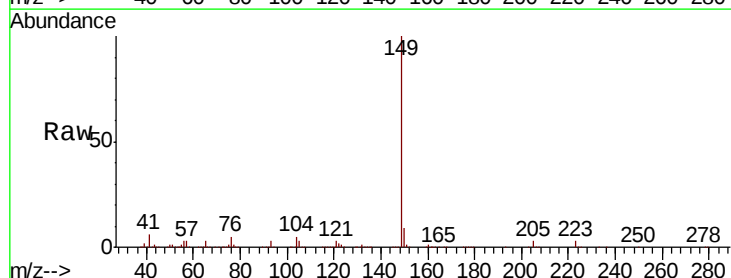


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

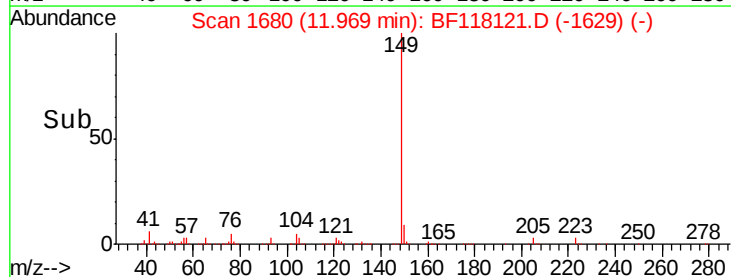
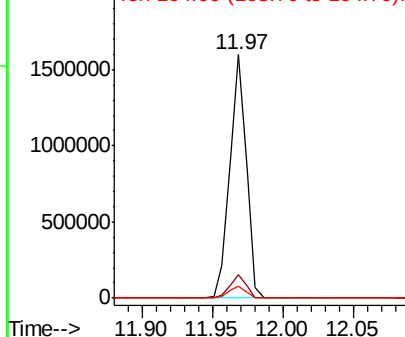


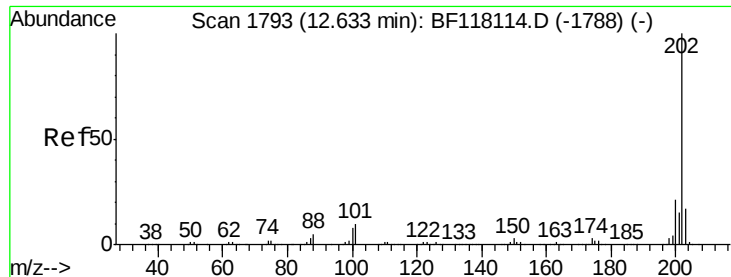
#74
 Di-n-butylphthalate
 Concen: 39.200 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:149 Resp: 1296067
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.0 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

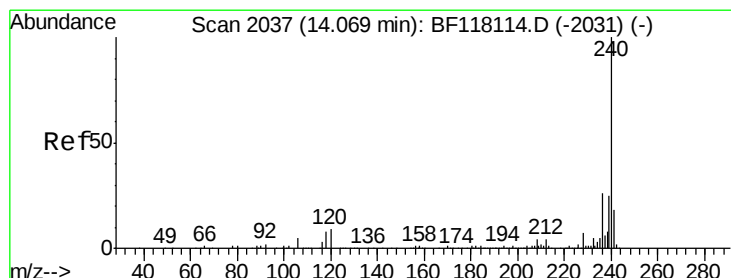
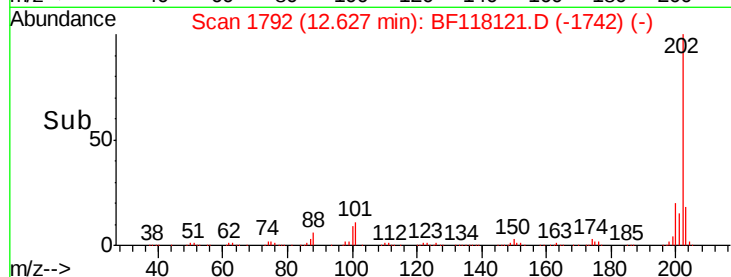
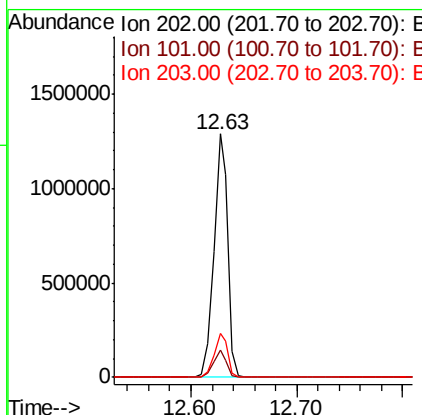
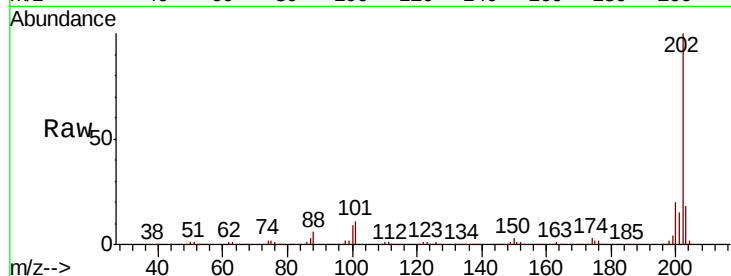




#75
 Fluoranthene
 Concen: 39.629 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

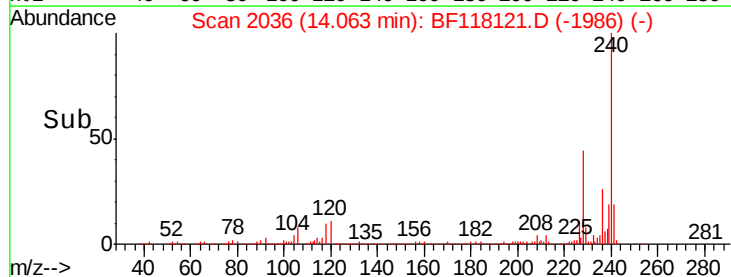
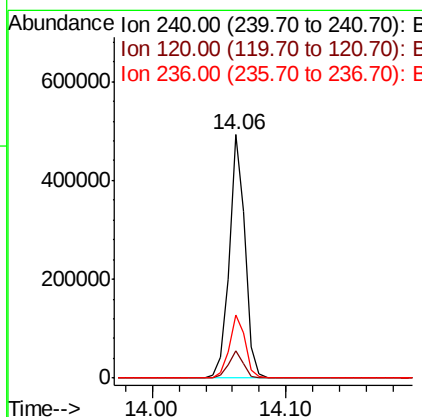
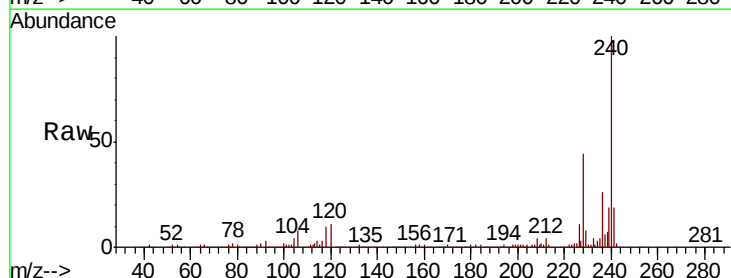
Instrument :
 BNA_F
 ClientSampleId :

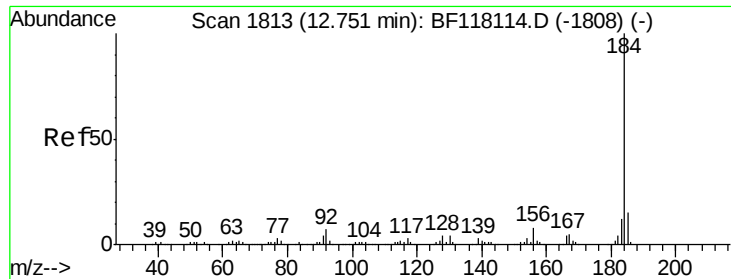
Tot Ion:202 Resp: 1195924
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.4
 203 17.9 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:240 Resp: 408017
 Ion Ratio Lower Upper
 240 100
 120 11.0 7.1 10.7#
 236 26.0 21.0 31.6

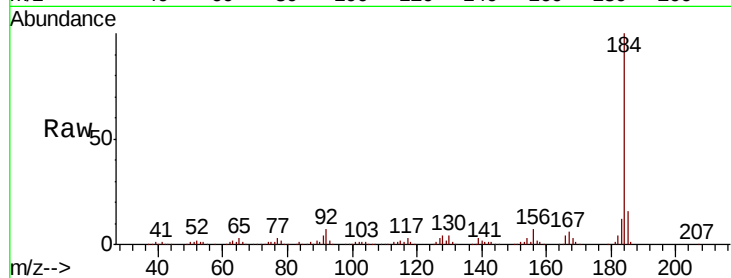




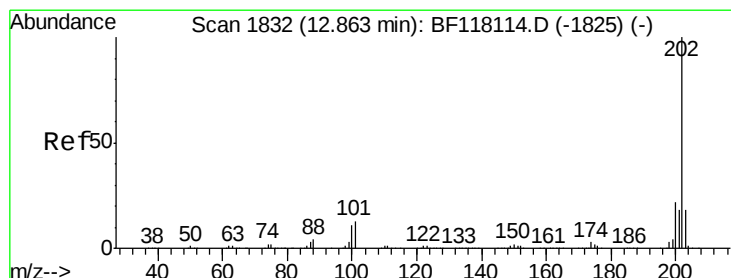
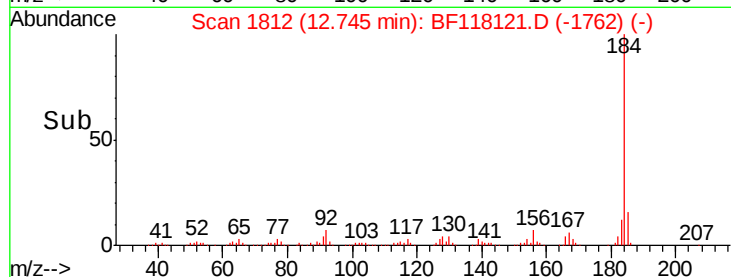
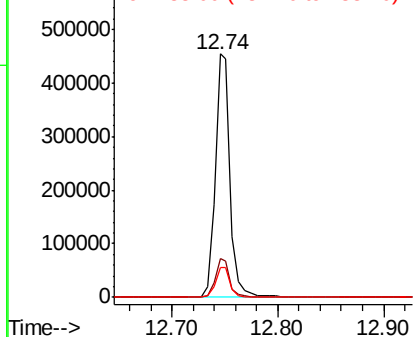
#77
Benzidine
Concen: 42.149 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 452728
Ion Ratio Lower Upper
184 100
185 15.8 12.3 18.5
183 12.4 9.9 14.9

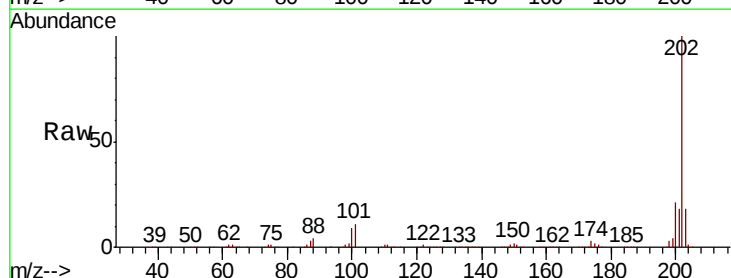


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

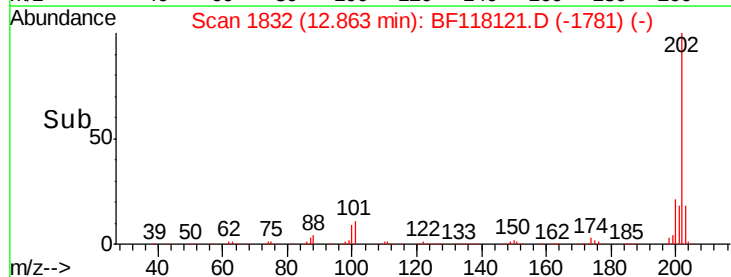
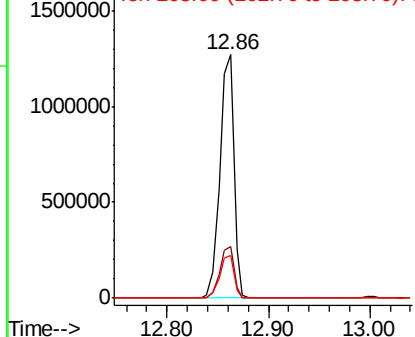


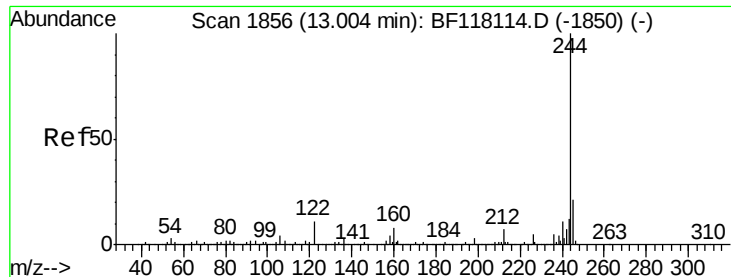
#78
Pyrene
Concen: 37.785 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:202 Resp: 1214925
Ion Ratio Lower Upper
202 100
200 21.3 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: 74.951 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampled :

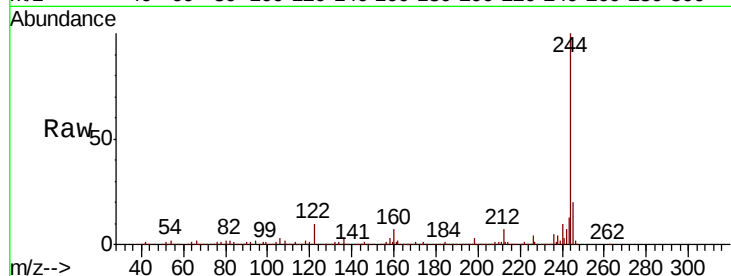
Tot Ion:244 Resp: 1778374

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

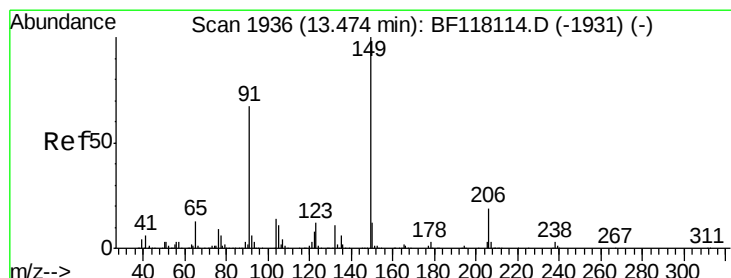
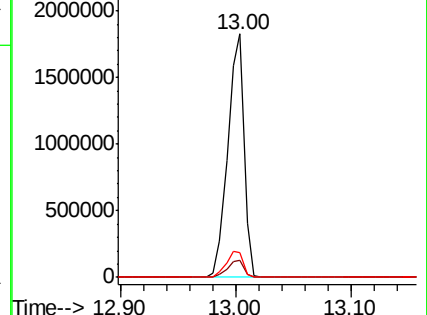
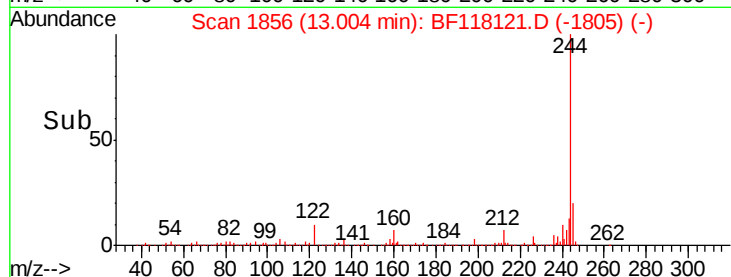
122 10.1 9.0 13.6



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: 37.563 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

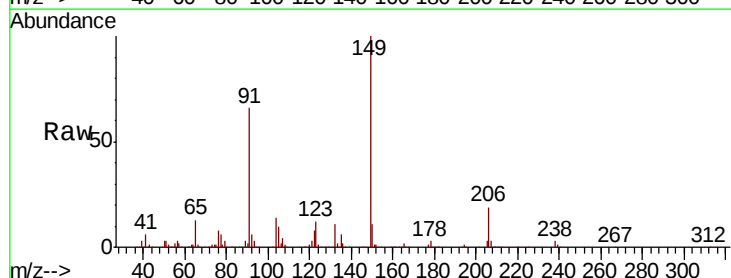
Tgt Ion:149 Resp: 546986

Ion Ratio Lower Upper

149 100

91 65.8 53.9 80.9

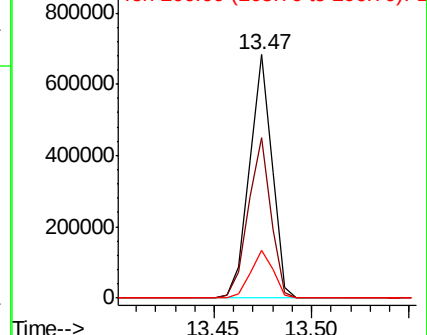
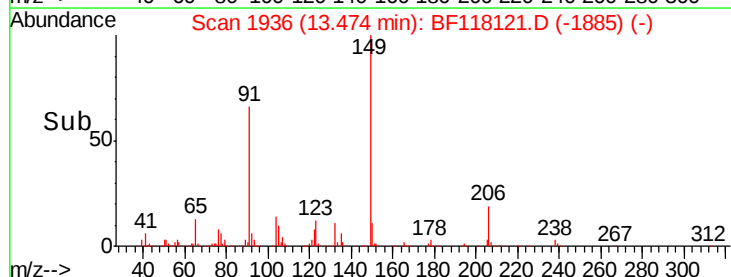
206 19.4 15.2 22.8



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

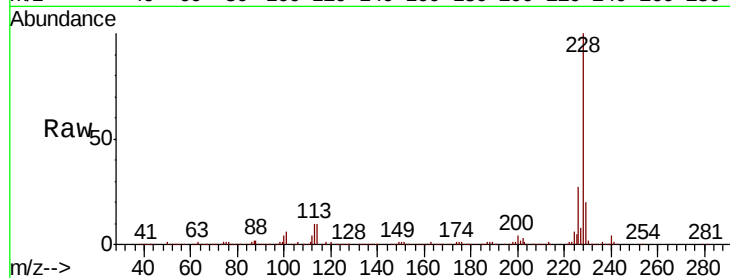




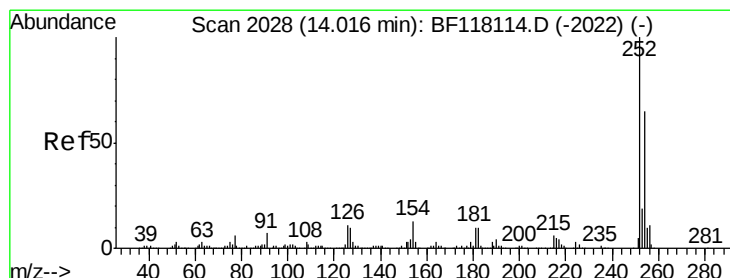
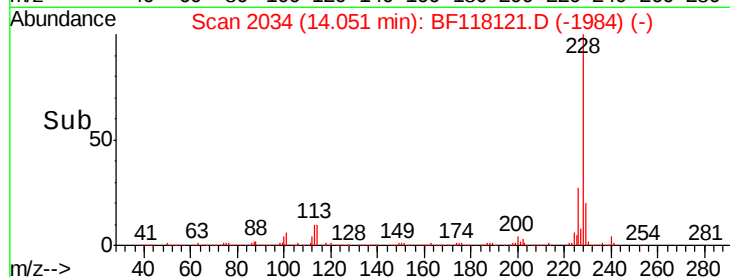
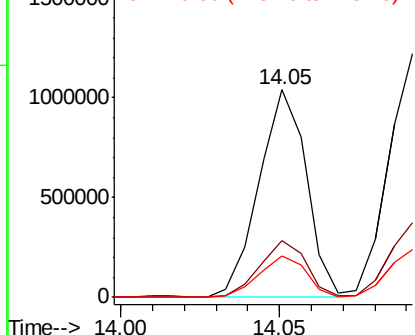
#81
Benzo(a)anthracene
Concen: 38.389 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1083059
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.8

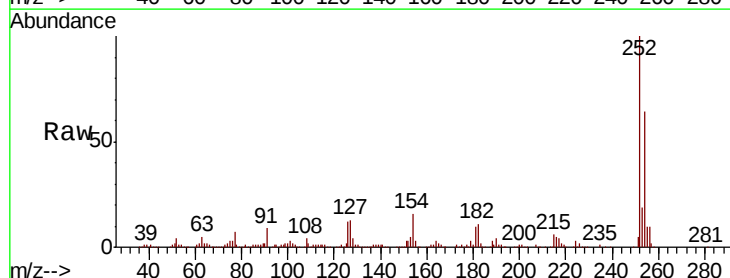


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

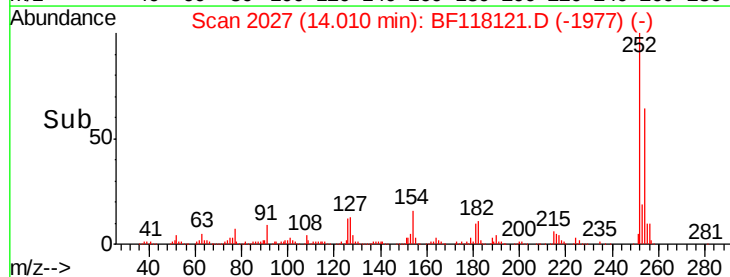
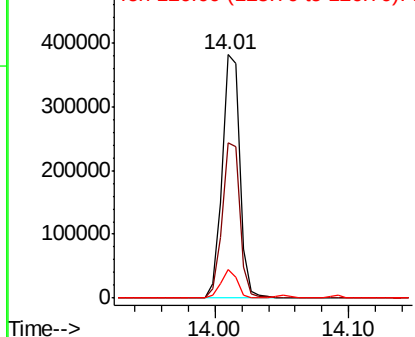


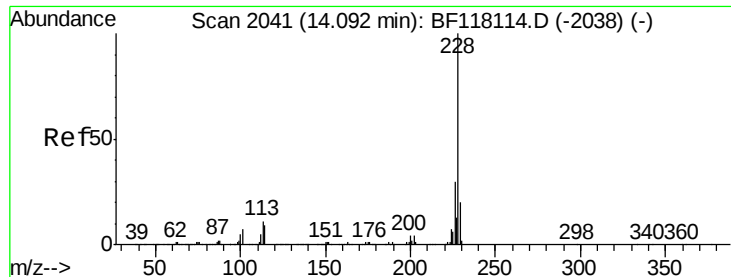
#82
3,3'-Dichlorobenzidine
Concen: 38.939 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:252 Resp: 360802
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.4
126 11.5 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

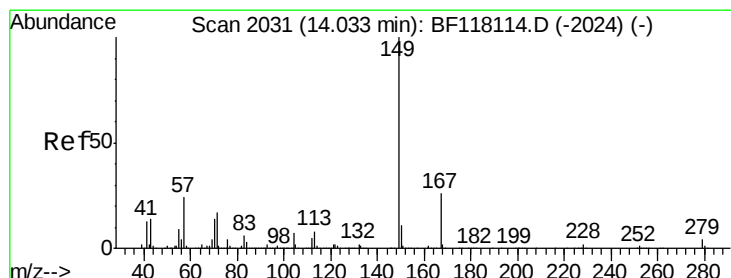
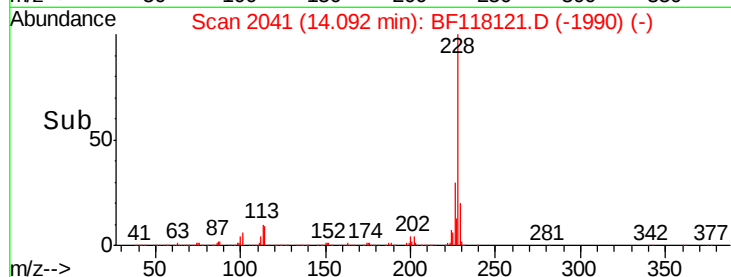
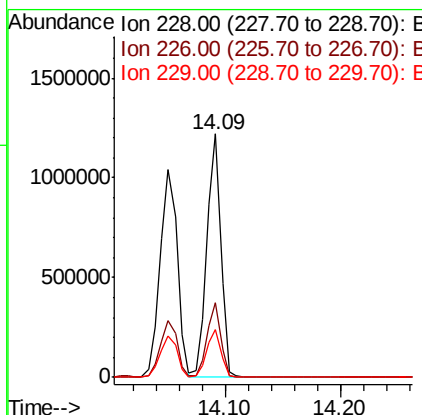
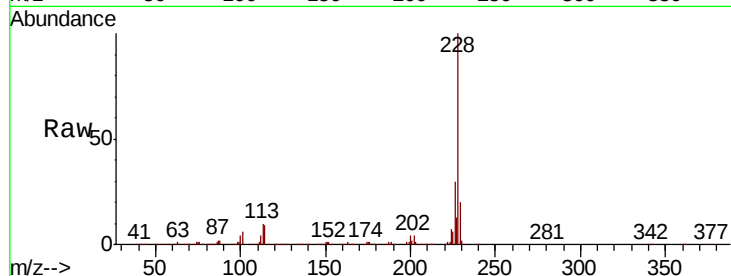




#83
 Chrvsene
 Concen: 38.353 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

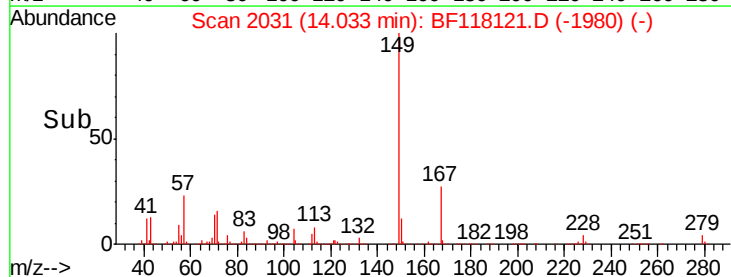
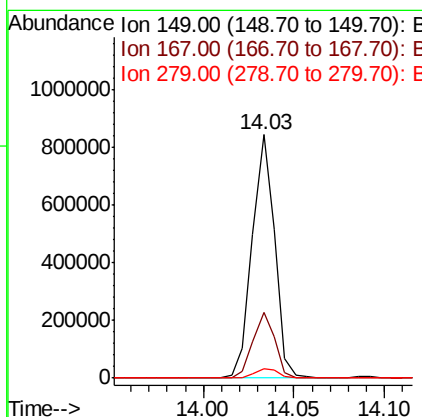
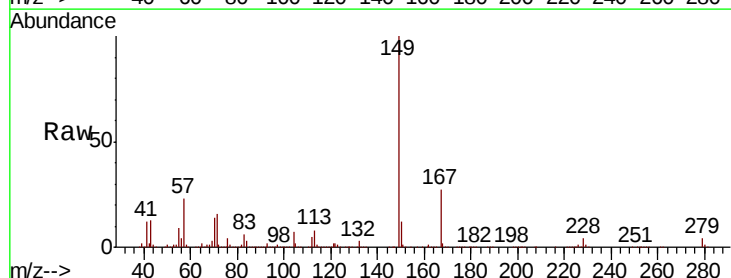
Instrument :
 BNA_F
 ClientSampleId :

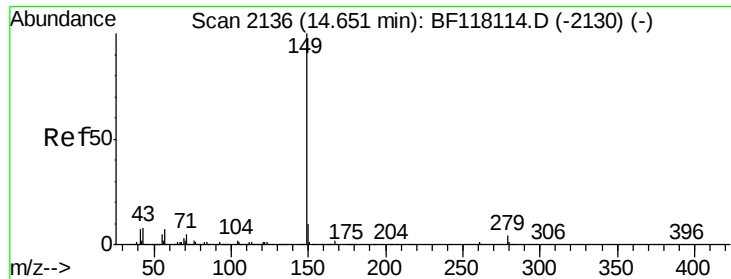
Tot Ion:228 Resp: 1033613
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.8 35.8
 229 19.8 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.803 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118121.D
 Acq: 7 Dec 2019 10:59

Tgt Ion:149 Resp: 725870
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.8 31.2
 279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 38.367 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Instrument :

BNA_F

ClientSampleId :

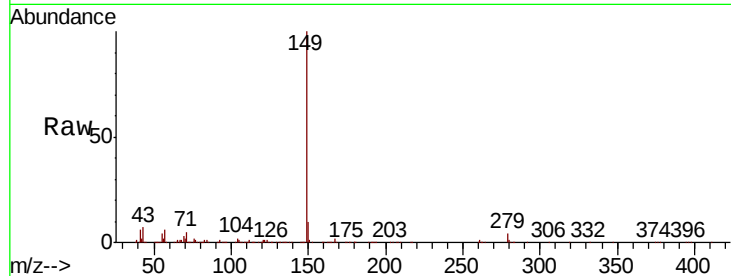
Tot Ion:149 Resp: 1115958

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

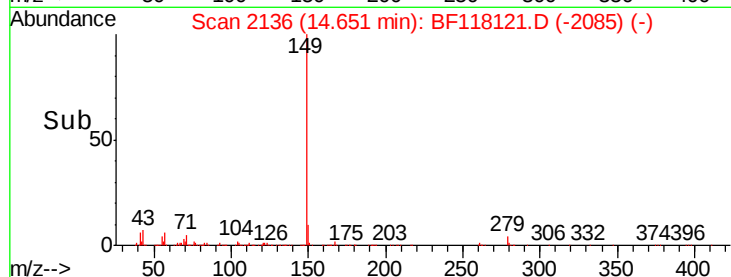
43 8.2 6.5 9.7



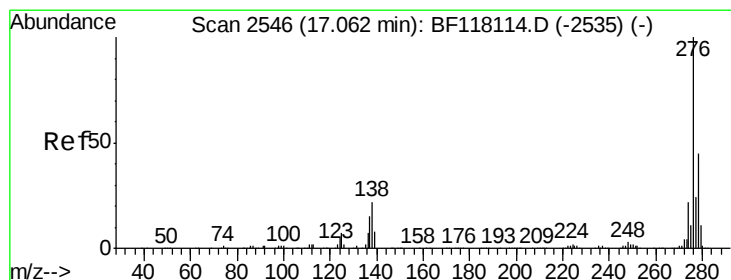
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.095 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

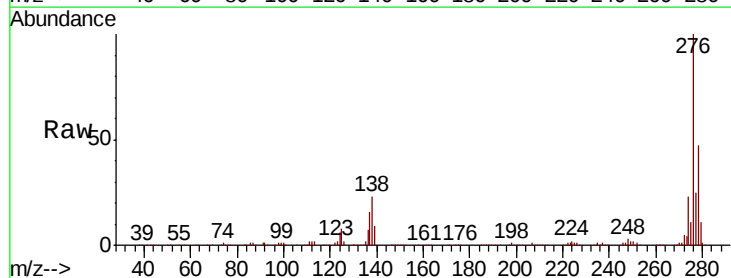
Tgt Ion:276 Resp: 795812

Ion Ratio Lower Upper

276 100

138 24.0 18.9 28.3

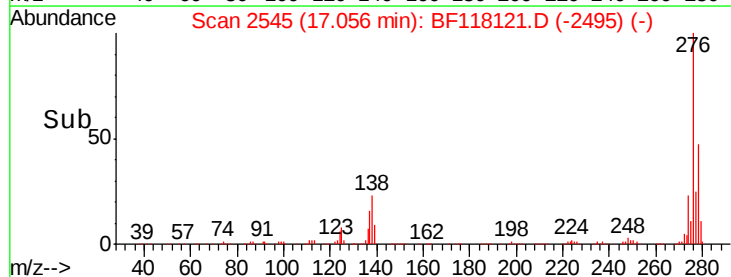
277 25.6 20.4 30.6



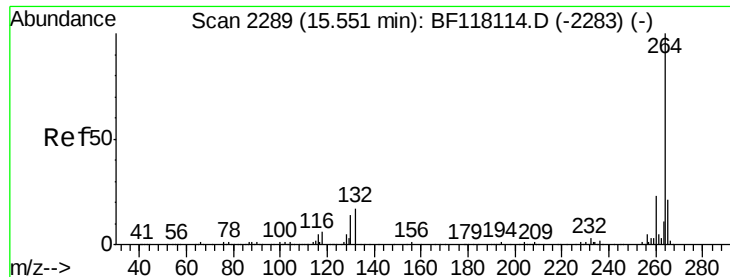
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



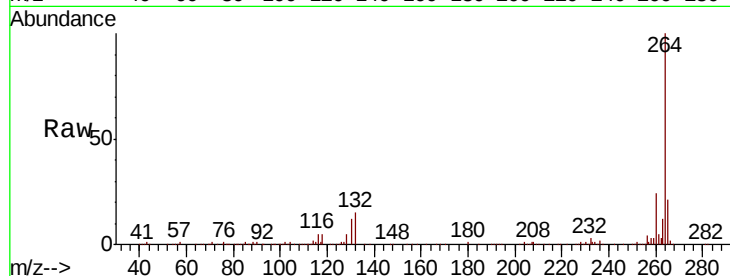
Time-->



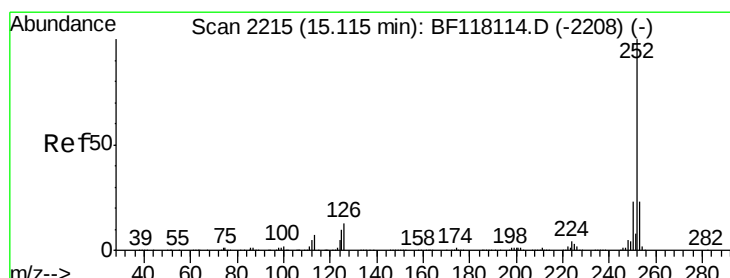
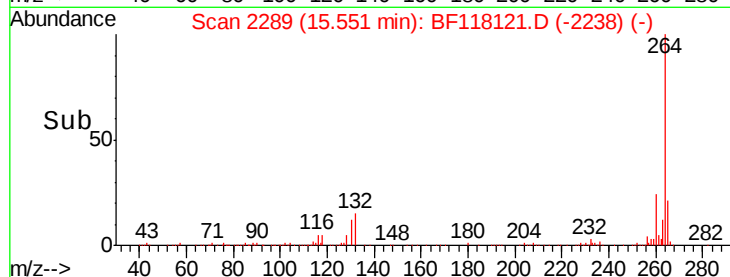
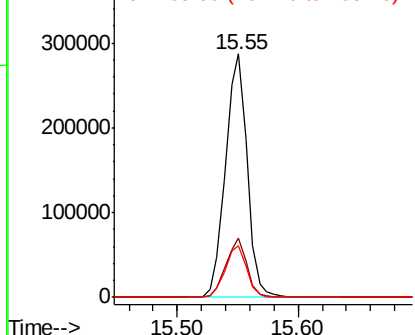
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 357172
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.4 16.8 25.2

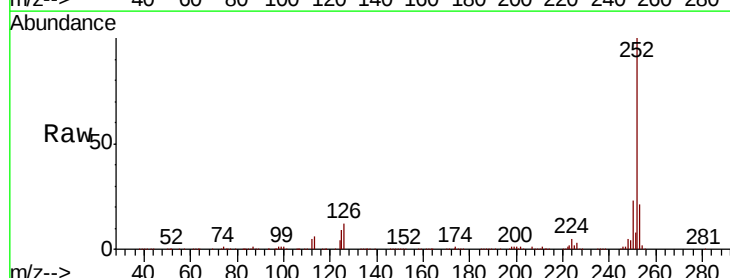


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

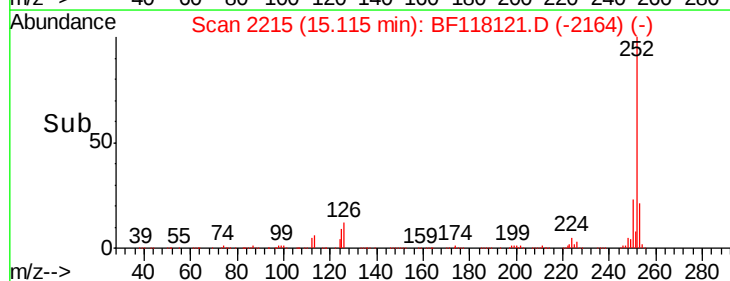
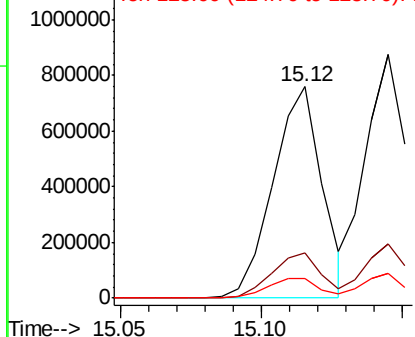


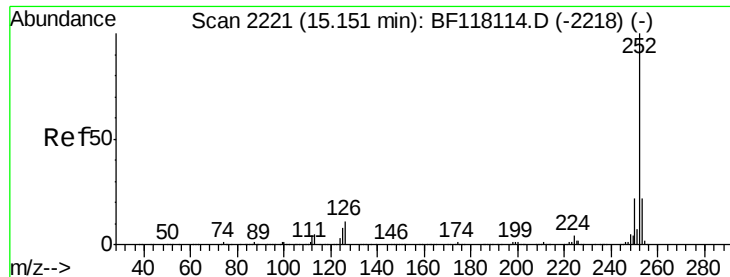
#88
Benzo(b)fluoranthene
Concen: 38.608 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:252 Resp: 912014
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 9.1 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

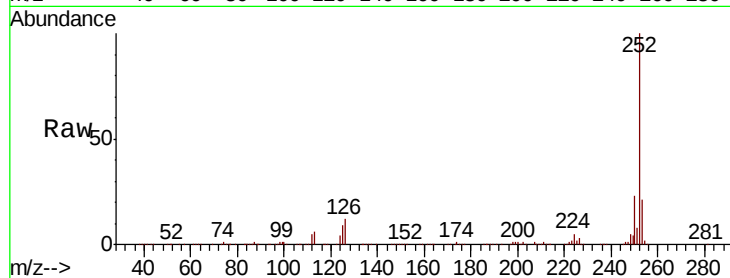




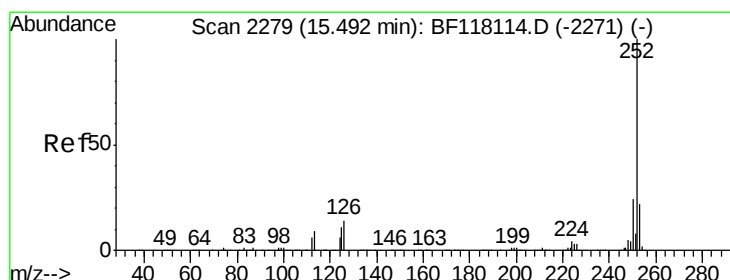
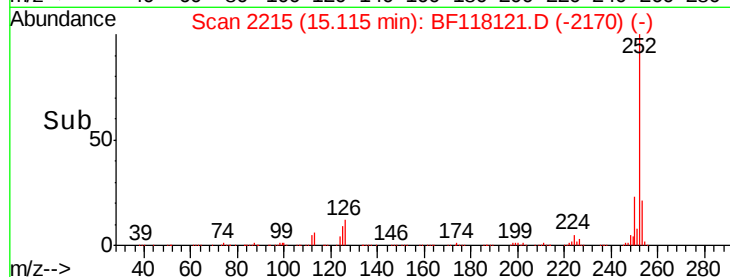
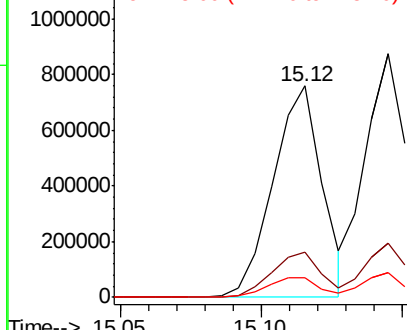
#89
Benzo(k)fluoranthene
Concen: 40.189 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 912014
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 9.1 6.7 10.1

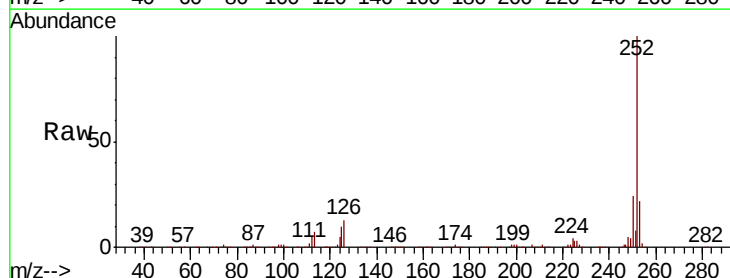


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

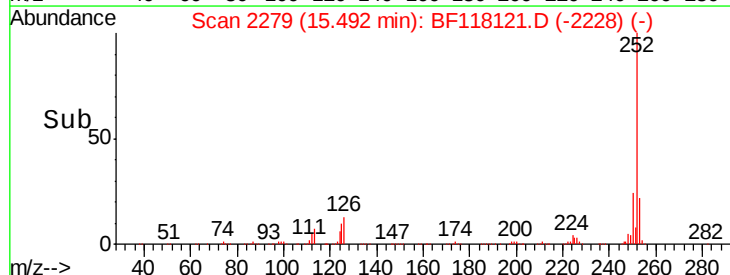
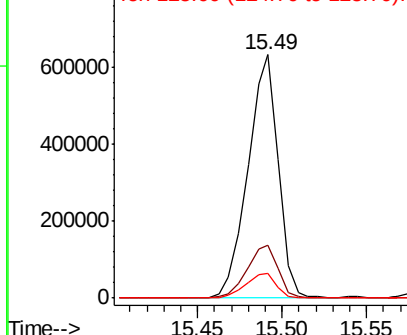


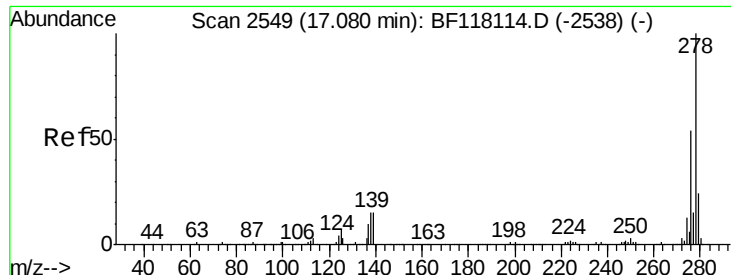
#90
Benzo(a)pyrene
Concen: 38.022 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118121.D
Acq: 7 Dec 2019 10:59

Tgt Ion:252 Resp: 793258
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.465 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

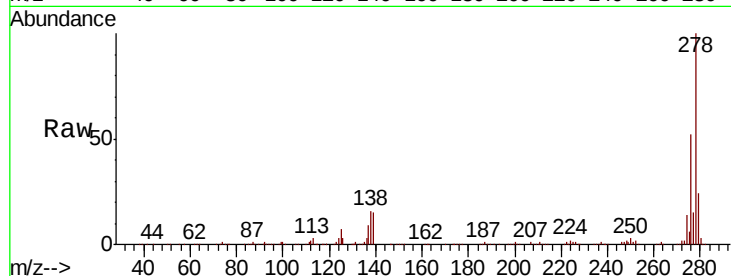
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 652519

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	23.6	19.0	28.4

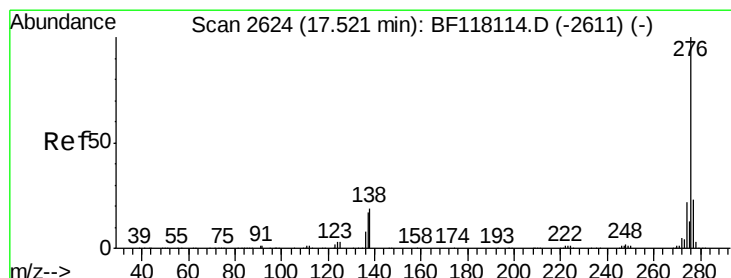
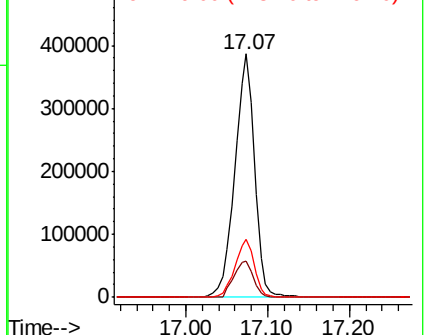
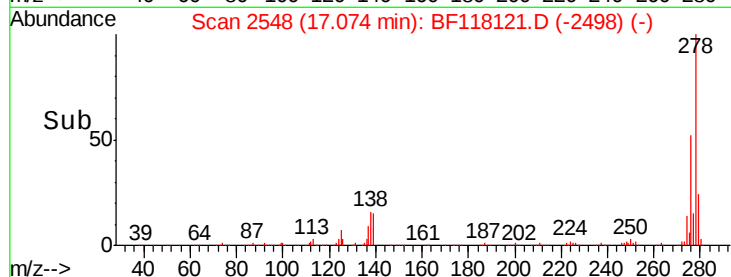


Abundance

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: 36.531 ng

RT: 17.52 min Scan# 2623

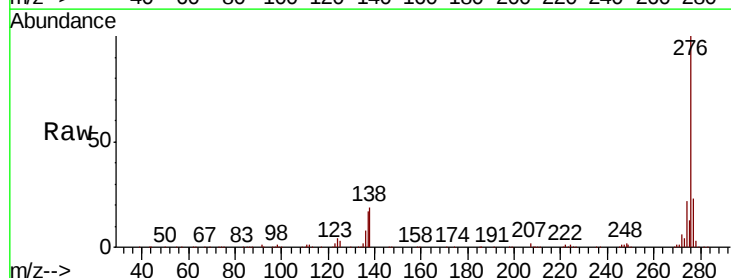
Delta R.T. -0.01 min

Lab File: BF118121.D

Acq: 7 Dec 2019 10:59

Tgt Ion:276 Resp: 628158

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.4
138	19.0	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

