

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118160.D
 Acq On : 10 Dec 2019 10:56
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 13:31:55 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	138386	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	523934	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	268940	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	489179	20.00	ng	0.00
76) Chrysene-d12	14.07	240	339069	20.00	ng	0.00
87) Perylene-d12	15.56	264	286138	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	632125	80.00	ng	0.00
7) Phenol-d6	6.50	99	770327	80.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	732147	78.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	248632	76.10	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1410888	79.83	ng	0.00
79) Terphenyl-d14	13.00	244	1521352	77.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	126659	38.018	ng	100
3) Pyridine	3.39	79	335937	39.084	ng	97
4) n-Nitrosodimethylamine	3.35	42	148434	40.143	ng	99
6) Aniline	6.53	93	494382	40.441	ng	99
8) 2-Chlorophenol	6.66	128	357367	40.112	ng	96
9) Benzaldehyde	6.42	77	202726	41.216	ng	96
10) Phenol	6.52	94	434884	39.902	ng	91
11) bis(2-Chloroethyl)ether	6.61	93	305729	38.786	ng	95
12) 1,3-Dichlorobenzene	6.82	146	415058	39.880	ng	98
13) 1,4-Dichlorobenzene	6.89	146	420480	40.122	ng	98
14) 1,2-Dichlorobenzene	7.05	146	393845	40.018	ng	97
15) Benzyl Alcohol	7.02	79	302211	40.511	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	367311	38.756	ng	97
17) 2-Methylphenol	7.13	107	284134	40.098	ng	97
18) Hexachloroethane	7.39	117	148143	38.363	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	226718	39.041	ng	97
20) 3+4-Methylphenols	7.28	107	359484	40.389	ng	90
22) Acetophenone	7.29	105	494873	39.315	ng	# 95
24) Nitrobenzene	7.46	77	359052	39.241	ng	98
25) Isophorone	7.70	82	596410	37.777	ng	99
26) 2-Nitrophenol	7.77	139	194500	39.770	ng	95
27) 2,4-Dimethylphenol	7.81	122	250921	38.464	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	387067	37.520	ng	100
29) 2,4-Dichlorophenol	8.02	162	296997	39.053	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	346813	39.022	ng	99
31) Naphthalene	8.18	128	1031513	39.201	ng	99
32) Benzoic acid	7.95	122	230851	39.193	ng	98
33) 4-Chloroaniline	8.23	127	436547	38.423	ng	96
34) Hexachlorobutadiene	8.30	225	207570	38.948	ng	100
35) Caprolactam	8.61	113	91128	38.856	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	311293	38.897	ng	99
37) 2-Methylnaphthalene	8.87	142	688337	38.640	ng	99
38) 1-Methylnaphthalene	8.97	142	641770	38.368	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	319913	39.267	ng	99

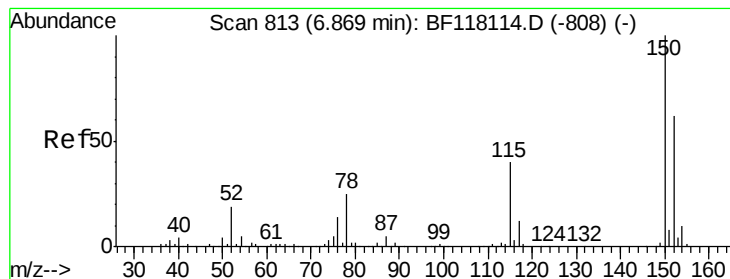
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118160.D
 Acq On : 10 Dec 2019 10:56
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 13:31:55 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)
41) Hexachlorocyclopentadiene	9.03	237	127628	34.964	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	217550	39.993	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	223798	39.710	ng	98
46) 1,1'-Biphenyl	9.34	154	845070	39.841	ng	100
47) 2-Chloronaphthalene	9.37	162	670056	39.271	ng	97
48) 2-Nitroaniline	9.46	65	193312	39.729	ng	98
49) Acenaphthylene	9.79	152	998019	39.658	ng	99
50) Dimethylphthalate	9.64	163	756510	38.082	ng	99
51) 2,6-Dinitrotoluene	9.70	165	169684	39.283	ng	97
52) Acenaphthene	9.96	154	588469	38.311	ng	99
53) 3-Nitroaniline	9.88	138	203600	40.052	ng	94
54) 2,4-Dinitrophenol	9.99	184	81694	38.014	ng	97
55) Dibenzofuran	10.13	168	883518	39.255	ng	100
56) 4-Nitrophenol	10.04	139	131650	37.317	ng	98
57) 2,4-Dinitrotoluene	10.12	165	224425	38.926	ng	94
58) Fluorene	10.47	166	704868	39.408	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	177886	38.259	ng	99
60) Diethylphthalate	10.34	149	733225	37.463	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	347200	38.580	ng	99
62) 4-Nitroaniline	10.50	138	213502	40.270	ng	96
63) Azobenzene	10.62	77	642215	38.437	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	102095	37.792	ng	95
66) n-Nitrosodiphenylamine	10.58	169	604072	39.543	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	213823	38.292	ng	99
68) Hexachlorobenzene	11.03	284	252677	38.444	ng	94
69) Atrazine	11.11	200	165539	38.752	ng	98
70) Pentachlorophenol	11.22	266	116167	37.584	ng	98
71) Phenanthrene	11.44	178	1026842	39.488	ng	99
72) Anthracene	11.49	178	1037966	40.012	ng	99
73) Carbazole	11.65	167	933632	40.113	ng	100
74) Di-n-butylphthalate	11.97	149	1085067	37.251	ng	99
75) Fluoranthene	12.63	202	1040313	39.129	ng	98
77) Benzidine	12.75	184	438814	49.161	ng	99
78) Pyrene	12.87	202	1050042	39.298	ng	97
80) Butylbenzylphthalate	13.47	149	446395	36.889	ng	99
81) Benzo(a)anthracene	14.06	228	900338	38.401	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	301984	39.219	ng	100
83) Chrysene	14.10	228	861329	38.459	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	547410	34.306	ng	100
85) Di-n-octyl phthalate	14.65	149	813970	33.675	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	689444	36.587	ng	100
88) Benzo(b)fluoranthene	15.12	252	767213	40.541	ng	98
89) Benzo(k)fluoranthene	15.15	252	665717	36.618	ng	98
90) Benzo(a)pyrene	15.50	252	641921	38.407	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	563996	39.343	ng	98
92) Benzo(g,h,i)perylene	17.53	276	562067	40.802	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampled :

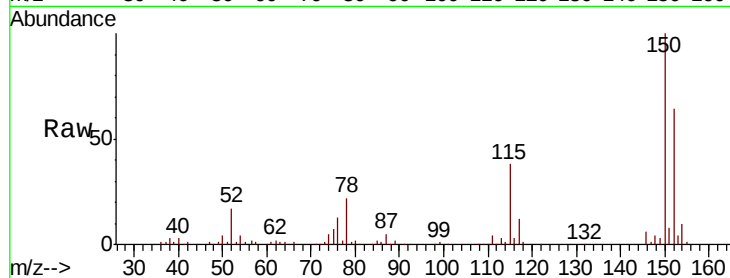
Tot Ion:152 Resp: 138386

Ion Ratio Lower Upper

152 100

150 156.6 128.3 192.5

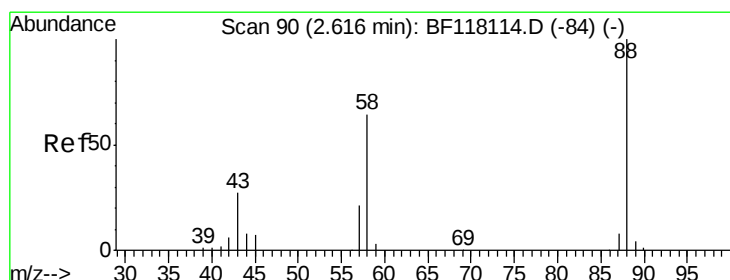
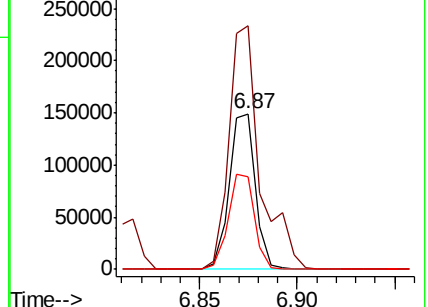
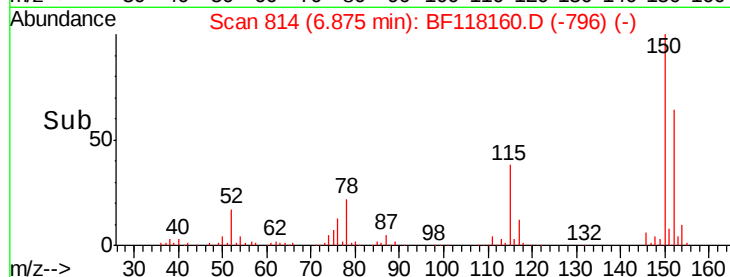
115 59.9 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.018 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

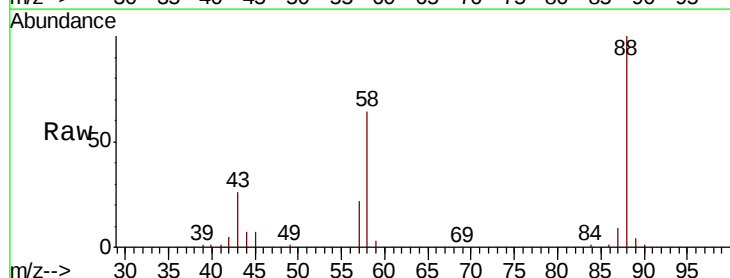
Tgt Ion: 88 Resp: 126659

Ion Ratio Lower Upper

88 100

58 65.3 52.2 78.4

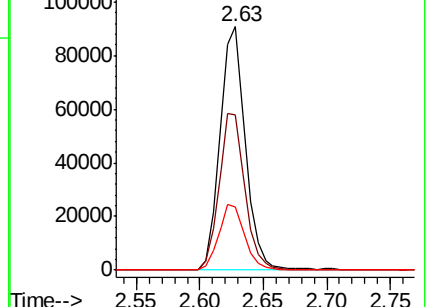
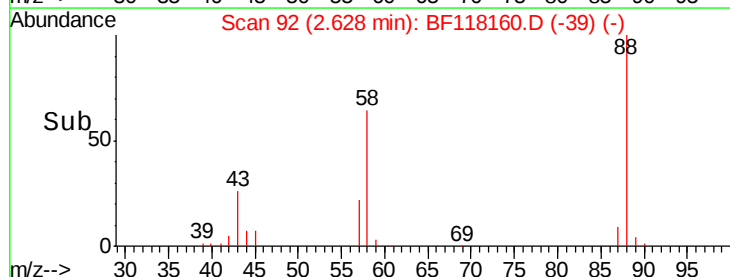
43 27.4 21.4 32.2

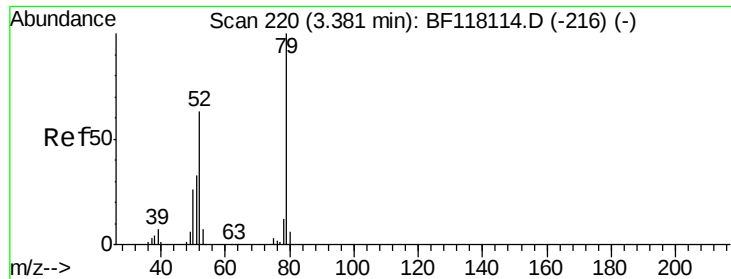


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.084 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

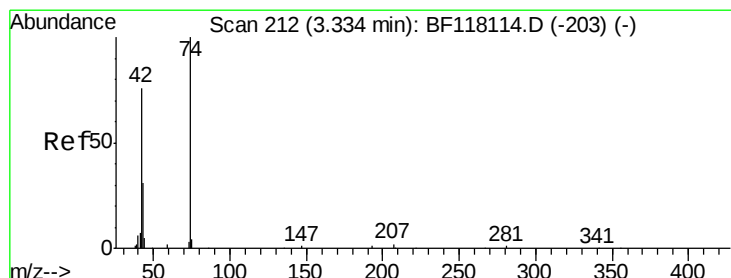
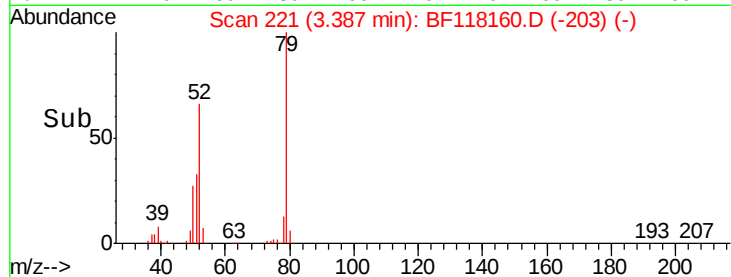
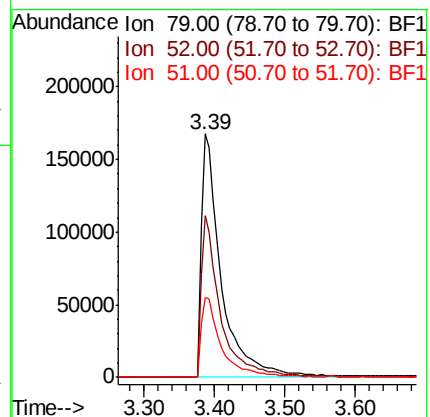
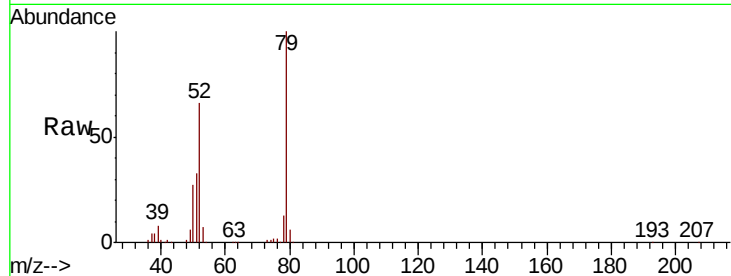
Tot Ion: 79 Resp: 335937

Ion Ratio Lower Upper

79 100

52 66.4 50.7 76.1

51 32.7 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 40.143 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

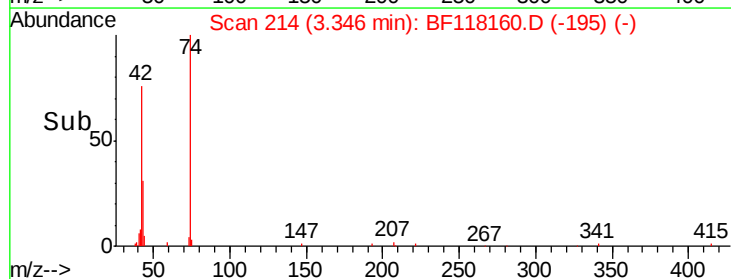
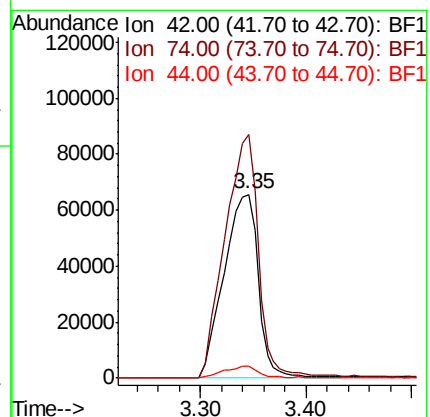
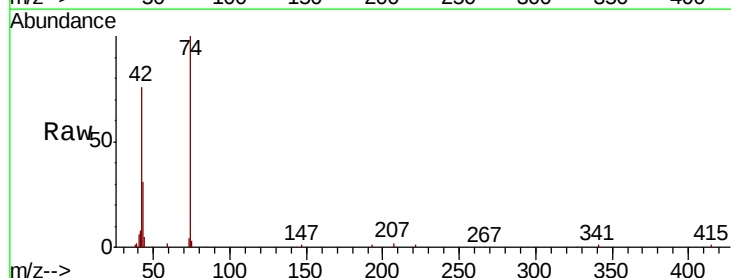
Tgt Ion: 42 Resp: 148434

Ion Ratio Lower Upper

42 100

74 132.3 104.6 157.0

44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 80.004 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampled :

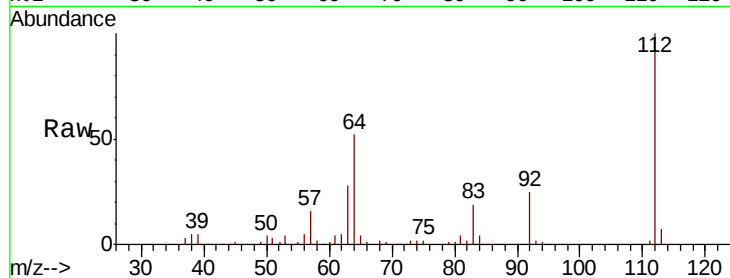
Tot Ion: 112 Resp: 632125

Ion Ratio Lower Upper

112 100

64 51.7 41.3 61.9

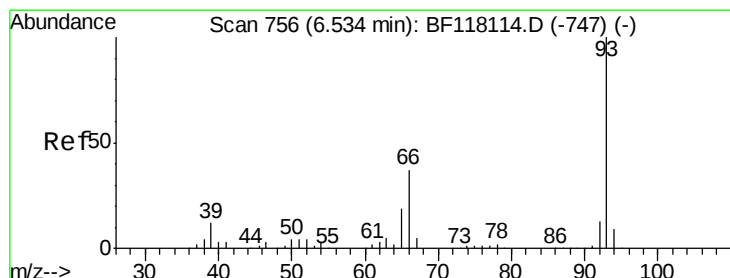
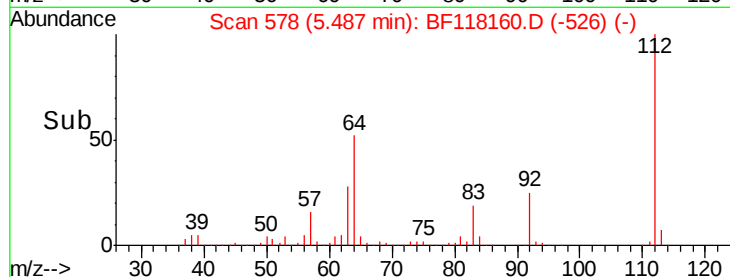
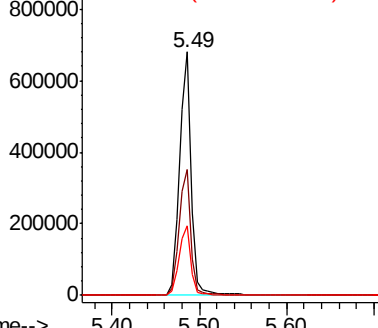
63 28.4 22.4 33.6



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: 40.441 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

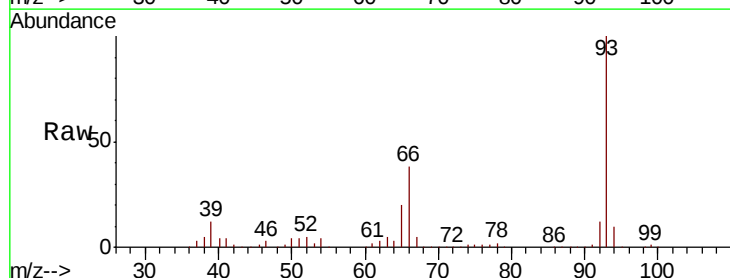
Tgt Ion: 93 Resp: 494382

Ion Ratio Lower Upper

93 100

66 38.5 30.2 45.2

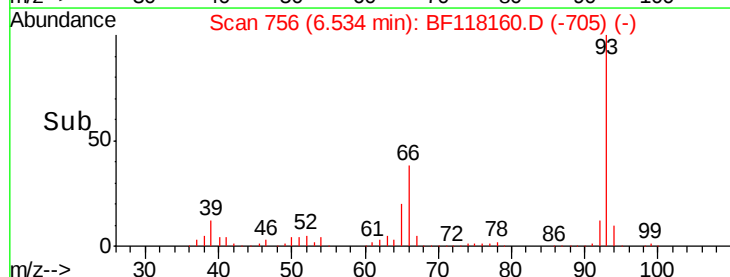
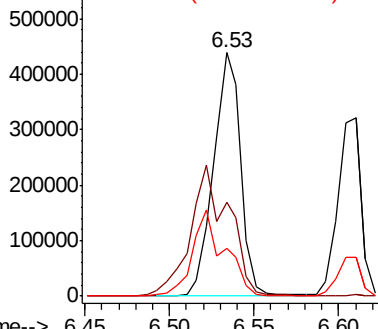
65 19.6 15.5 23.3

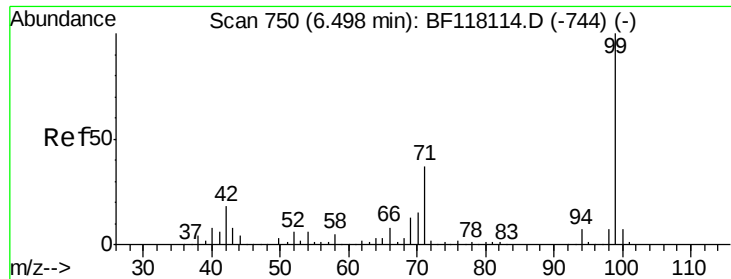


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.606 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

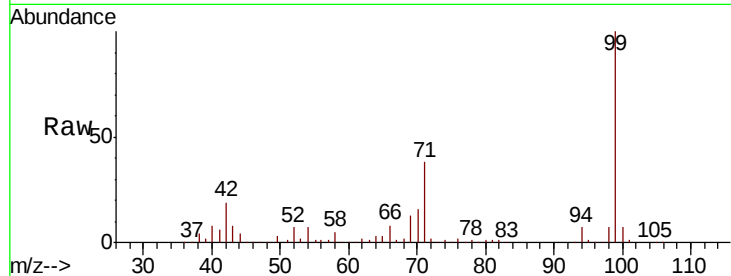
Tot Ion: 99 Resp: 770327

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

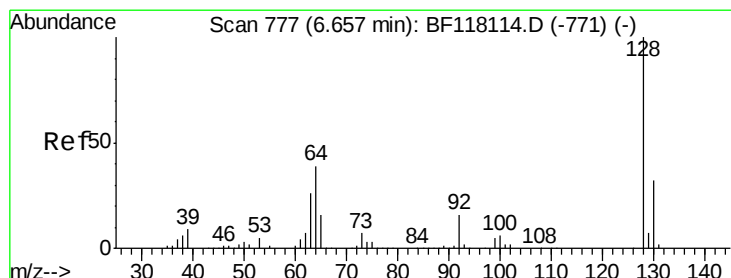
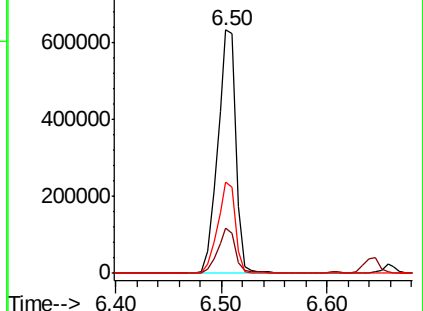
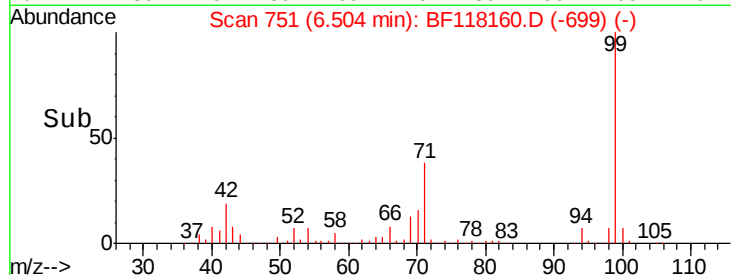
71 37.6 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.112 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

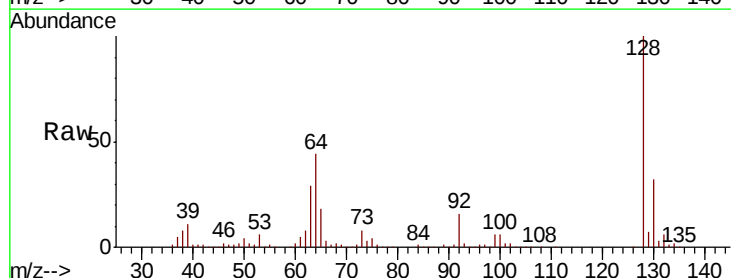
Tgt Ion: 128 Resp: 357367

Ion Ratio Lower Upper

128 100

130 32.0 12.1 52.1

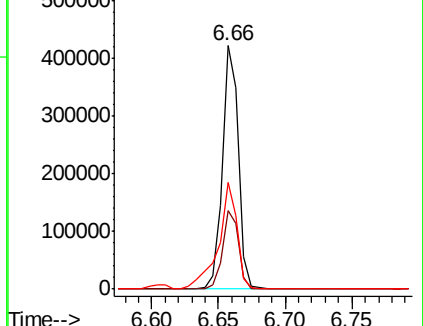
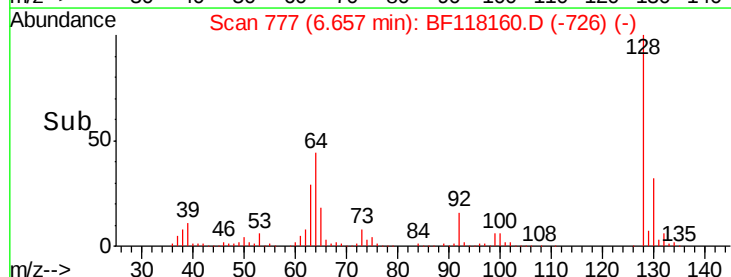
64 43.8 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

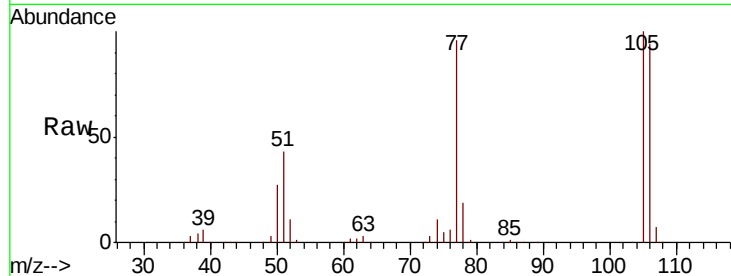




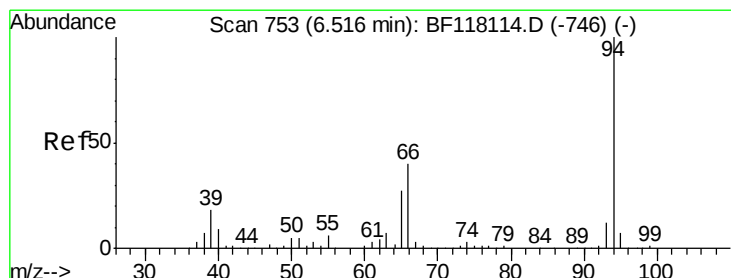
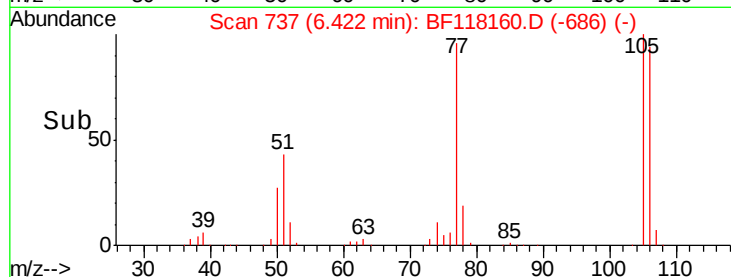
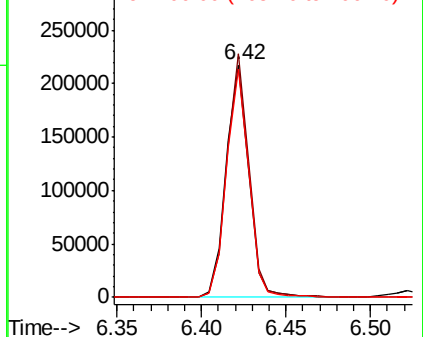
#9
Benzaldehyde
Concen: 41.216 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 202726
Ion Ratio Lower Upper
77 100
105 104.7 86.4 126.4
106 98.0 83.8 123.8

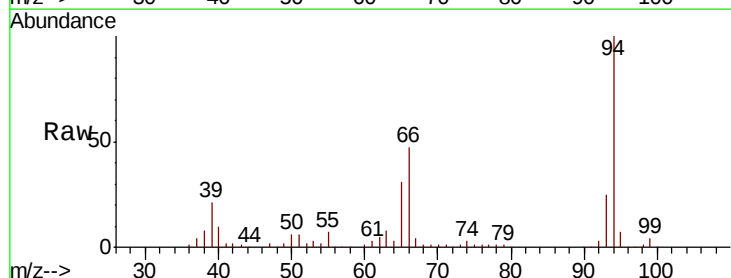


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

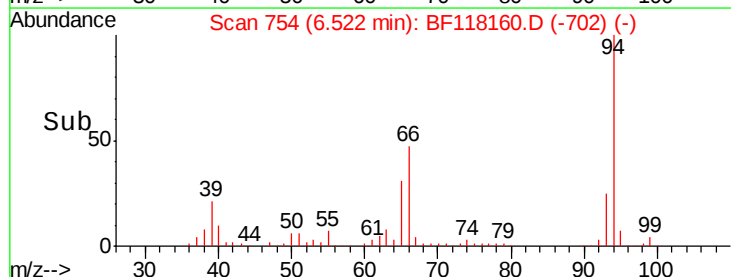
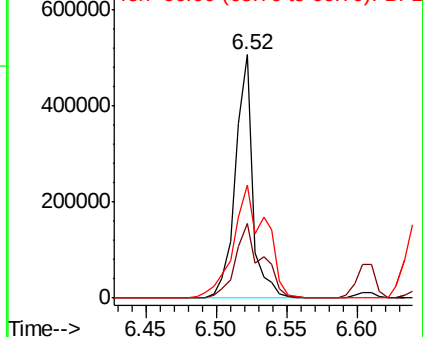


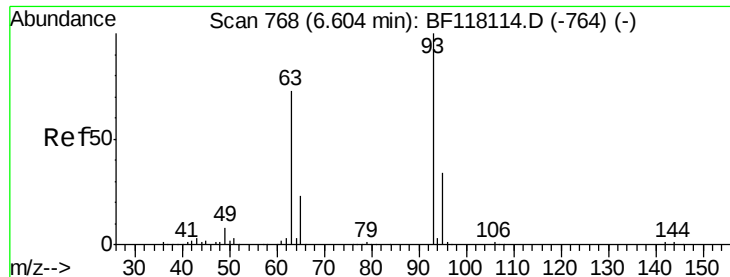
#10
Phenol
Concen: 39.902 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion: 94 Resp: 434884
Ion Ratio Lower Upper
94 100
65 30.9 7.3 47.3
66 46.5 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: 38.786 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

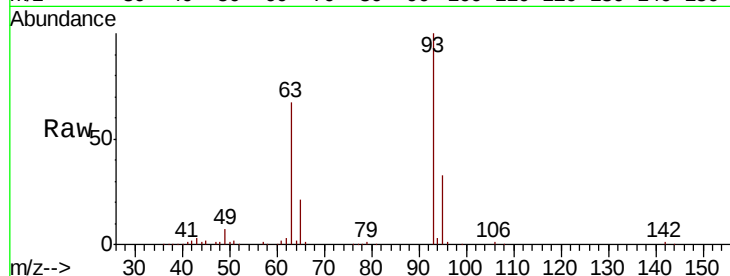
Tot Ion: 93 Resp: 305729

Ion Ratio Lower Upper

93 100

63 67.4 53.2 93.2

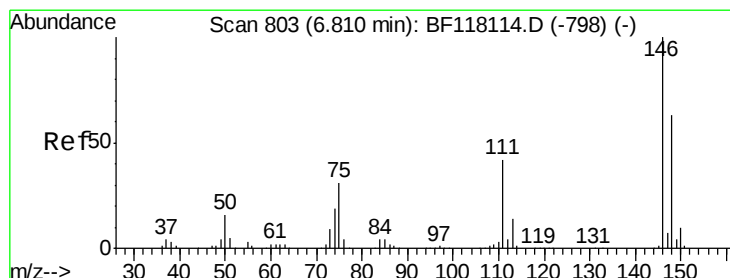
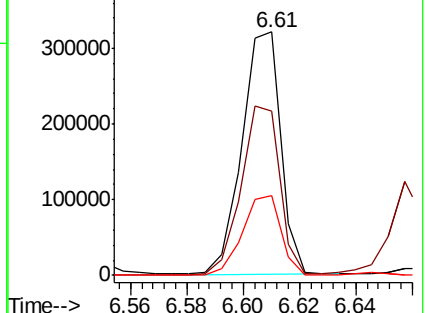
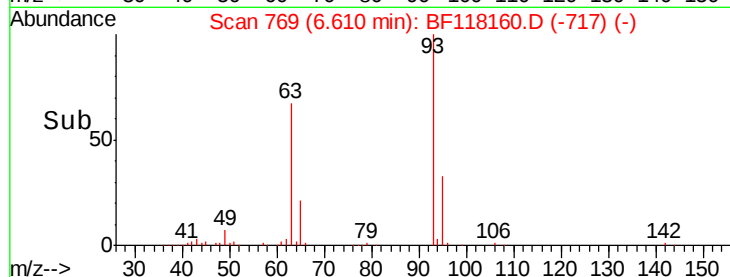
95 33.0 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.880 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

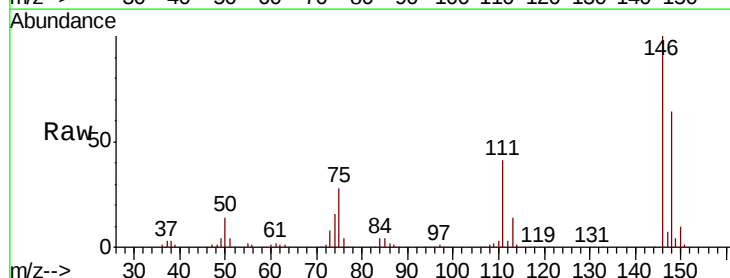
Tgt Ion: 146 Resp: 415058

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.4

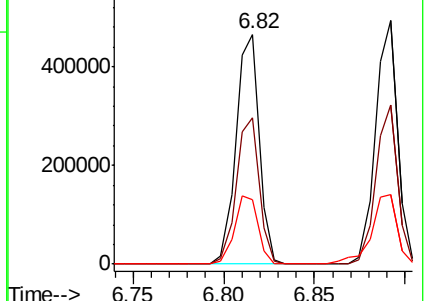
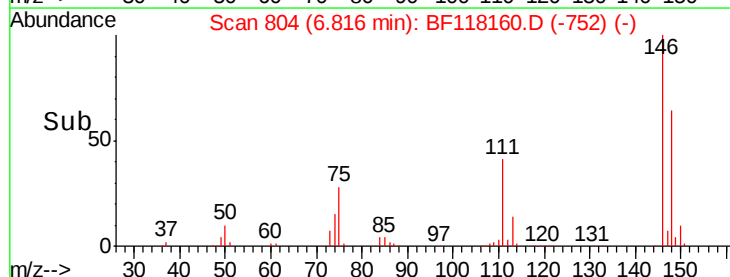
75 28.2 24.6 37.0

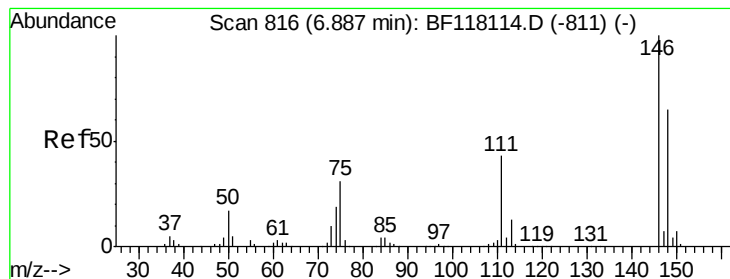


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

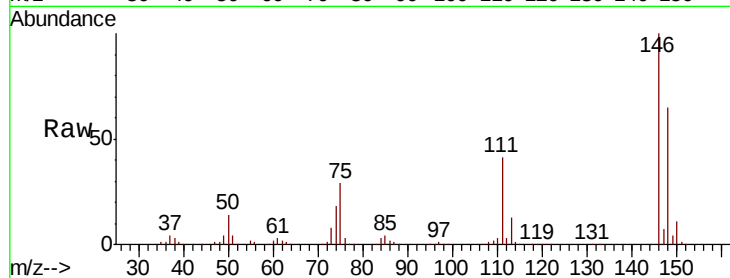




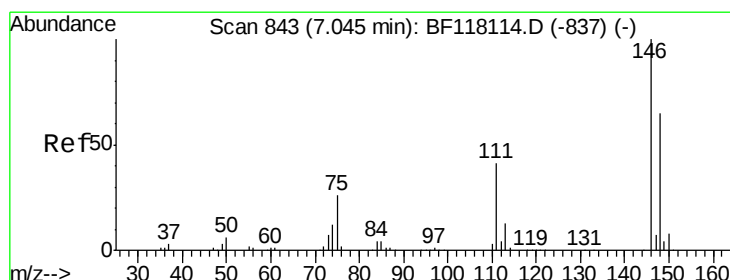
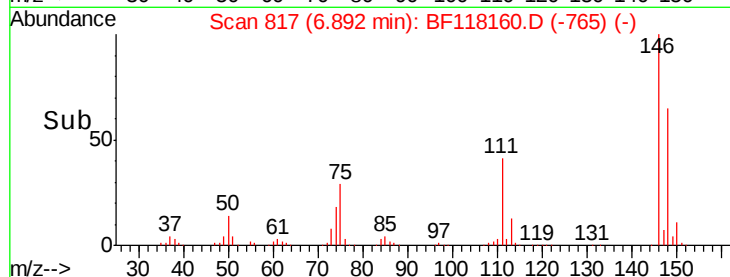
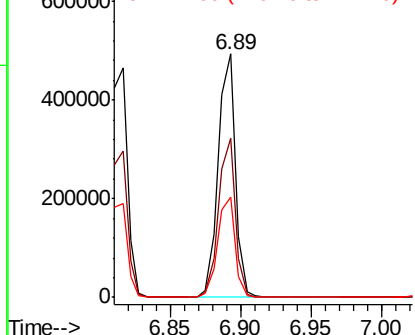
#13
 1,4-Dichlorobenzene
 Concen: 40.122 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 420480
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 40.9 34.6 52.0

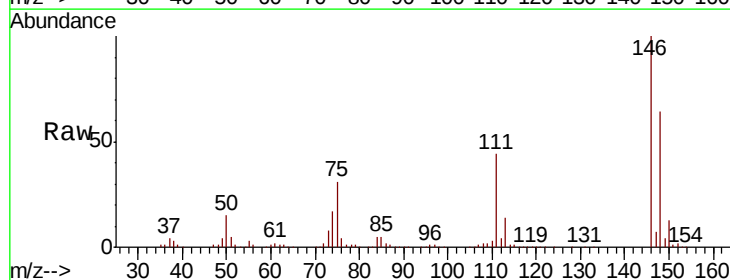


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

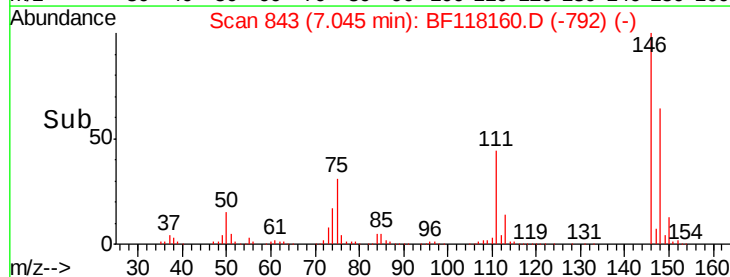
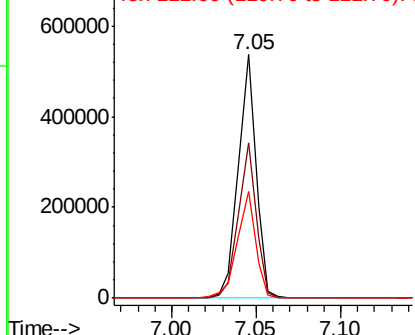


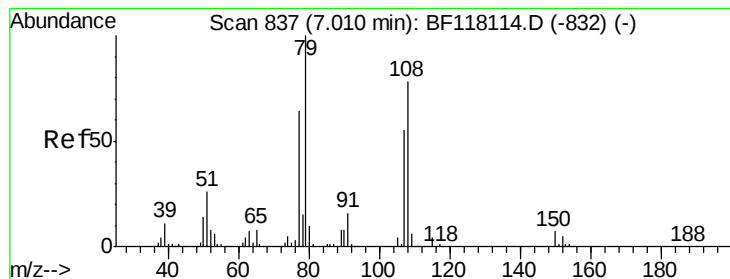
#14
 1,2-Dichlorobenzene
 Concen: 40.018 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion:146 Resp: 393845
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 43.6 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: 40.511 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

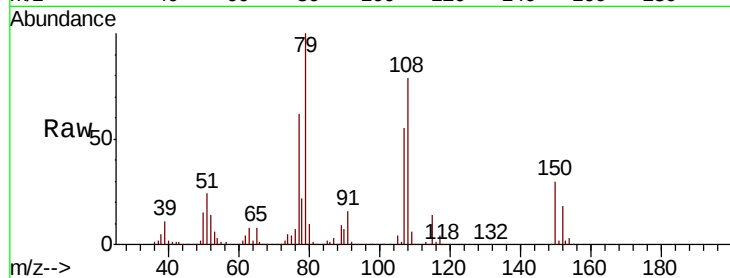
Tot Ion: 79 Resp: 302211

Ion Ratio Lower Upper

79 100

108 79.4 62.7 94.1

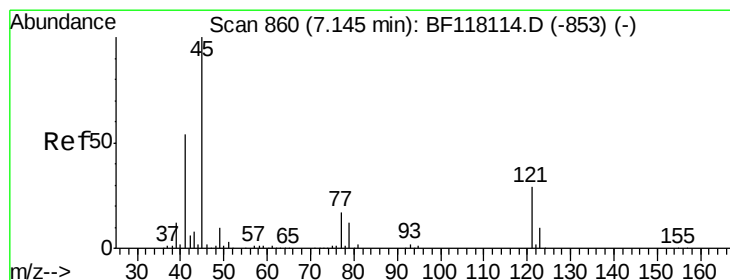
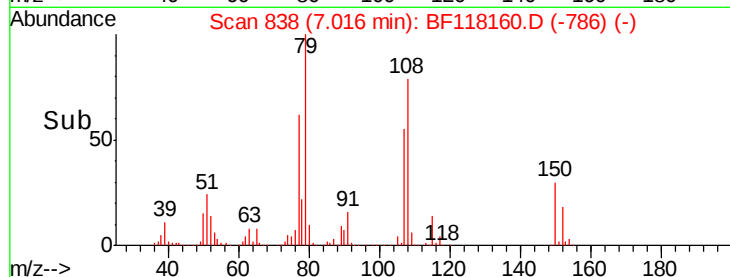
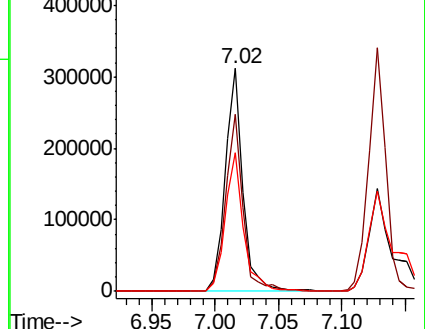
77 62.0 51.4 77.2



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: 38.756 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

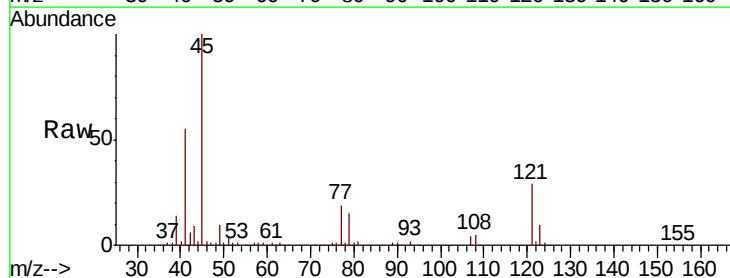
Tgt Ion: 45 Resp: 367311

Ion Ratio Lower Upper

45 100

77 19.0 0.0 38.0

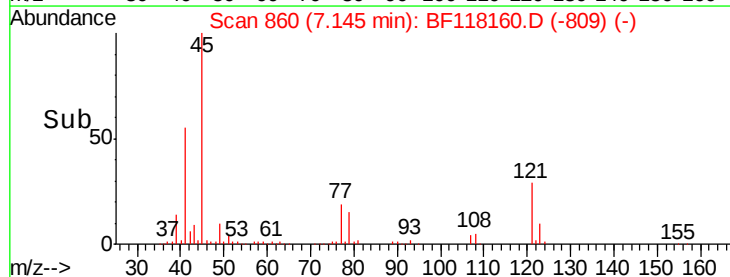
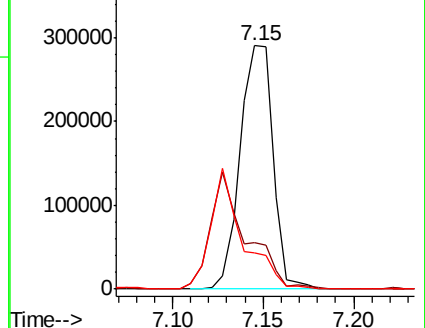
79 14.7 0.0 33.2

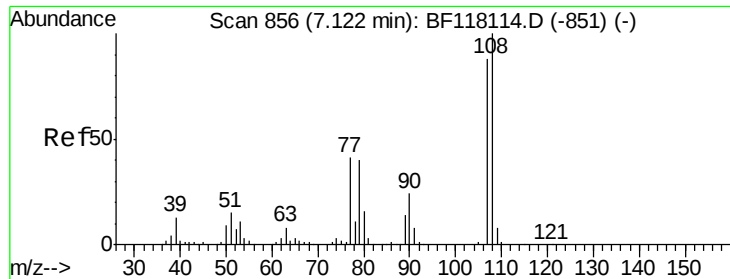


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

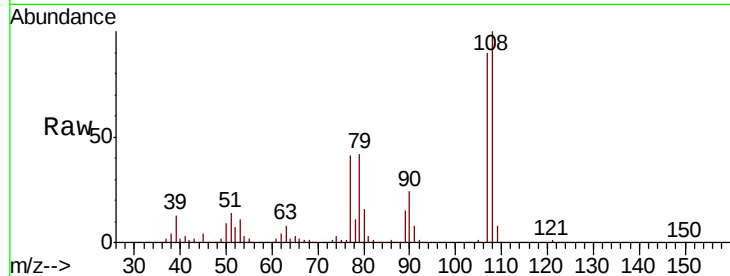




#17
2-Methylphenol
Concen: 40.098 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.1	136.7
77	45.2	37.8	56.6
79	46.9	37.0	55.6



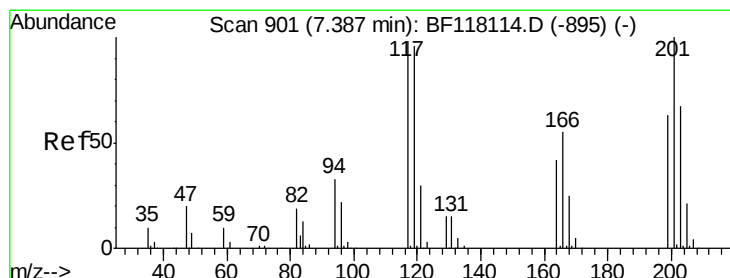
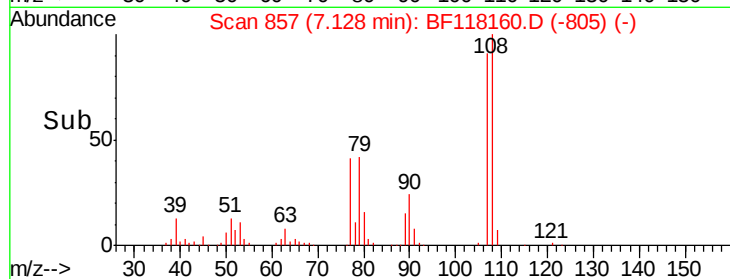
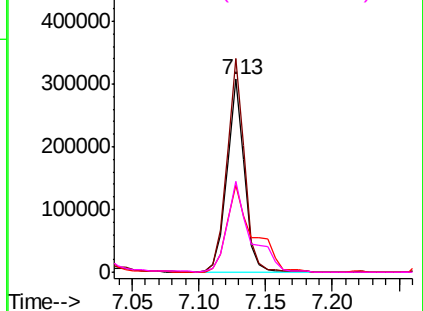
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

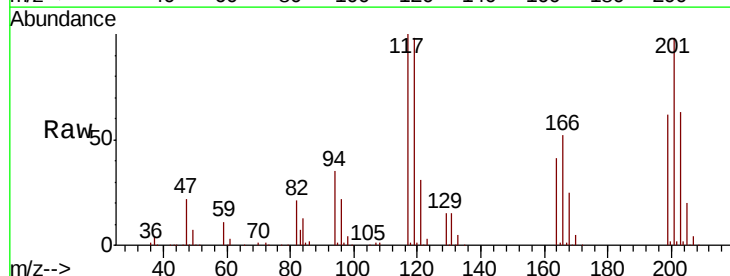
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.363 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.2	117.4
201	98.1	81.6	122.4

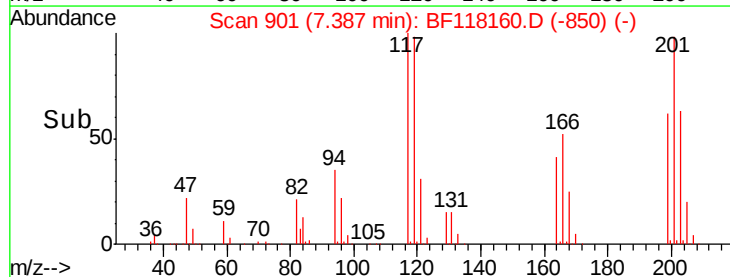
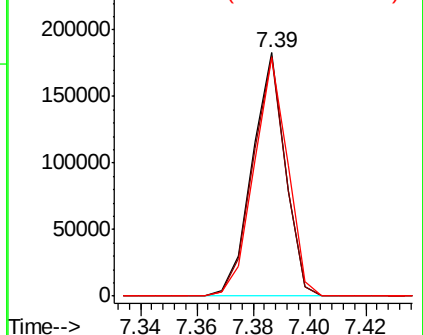


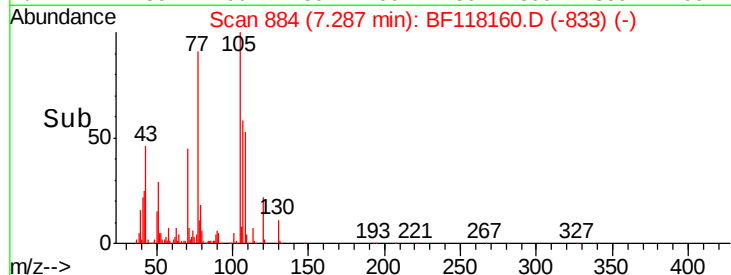
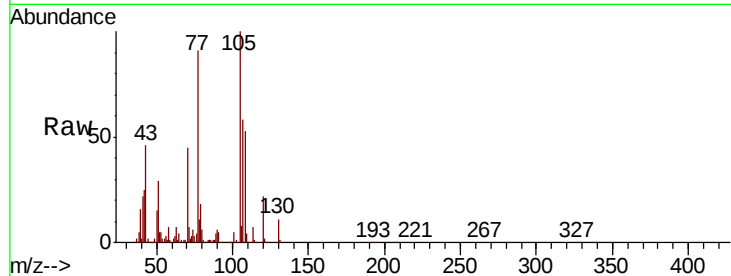
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

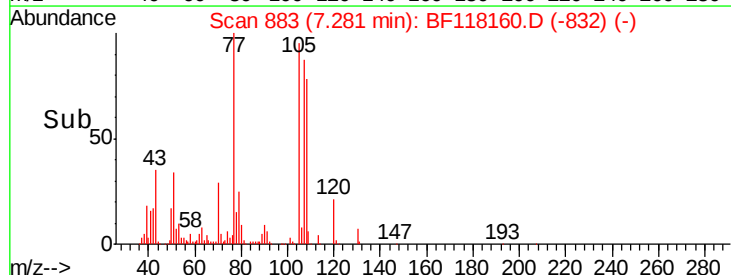
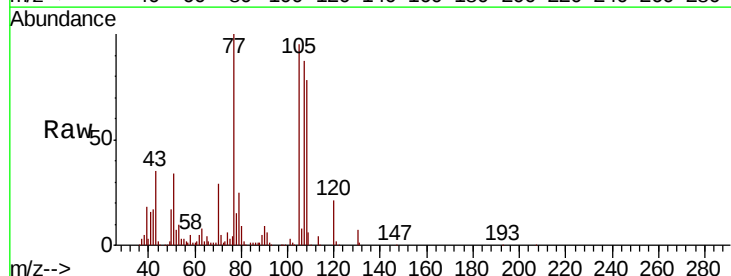
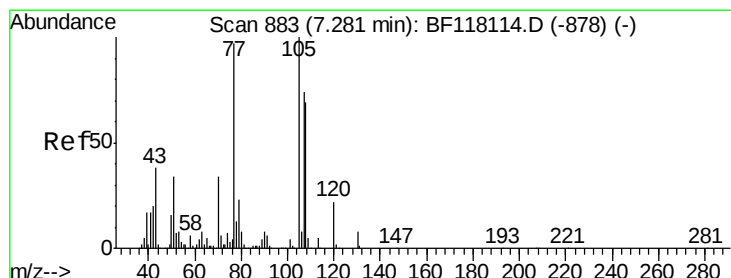
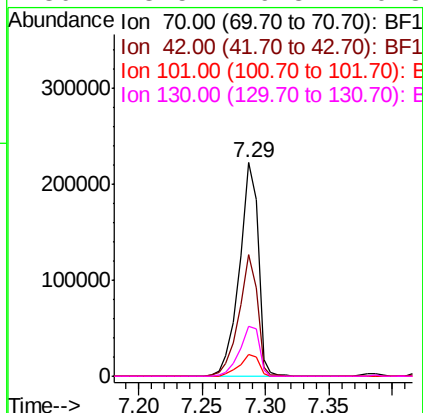




#19
n-Nitroso-di-n-propylamine
Concen: 39.041 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

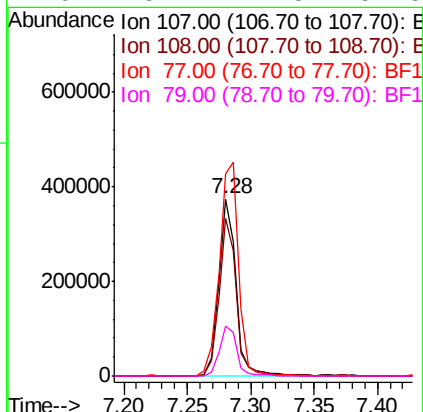
Instrument :
BNA_F
ClientSampleId :

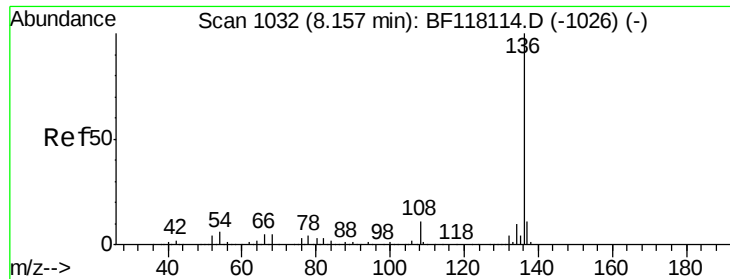
Tot Ion:	70	Resp:	226718
Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.2	64.8
101	10.1	8.1	12.1
130	23.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 40.389 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:	107	Resp:	359484
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.2	113.2
77	114.4	110.9	150.9
79	28.2	11.5	51.5

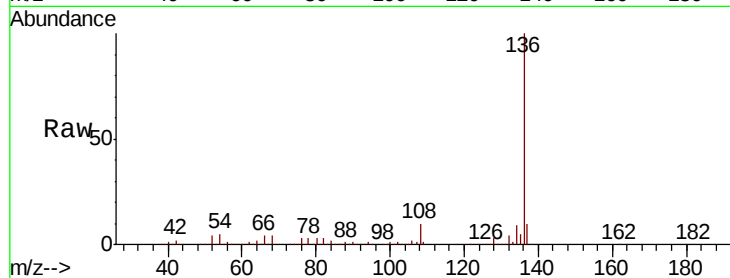




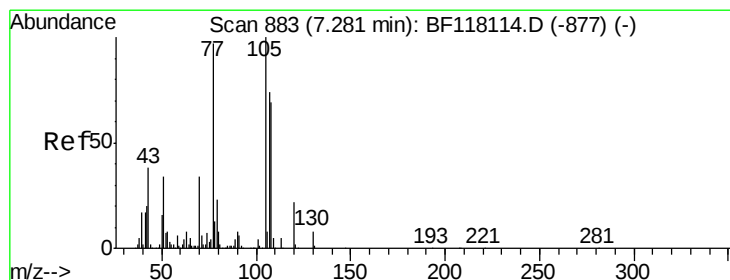
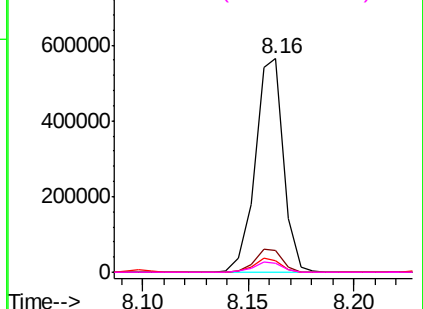
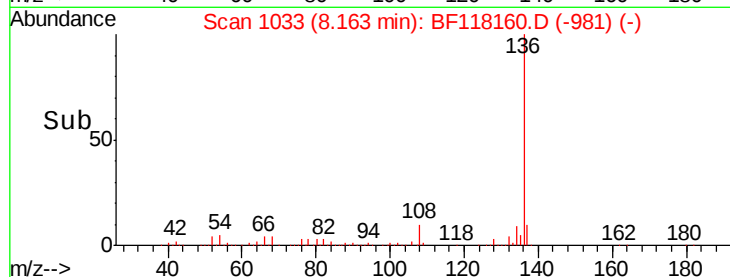
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	523934	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.0	13.6	
54 5.2	5.0	7.6	
68 4.0	3.8	5.8	

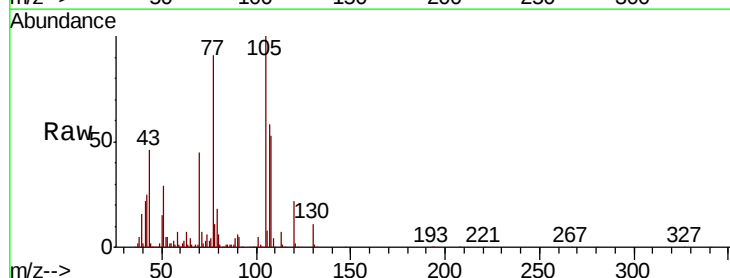


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

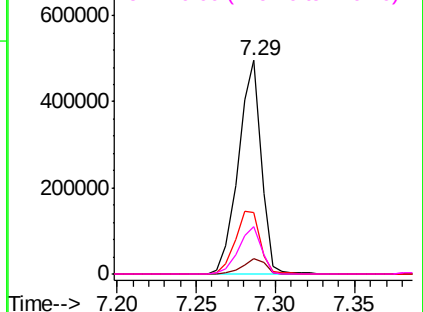
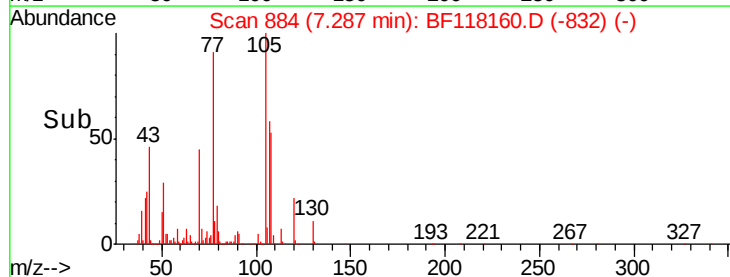


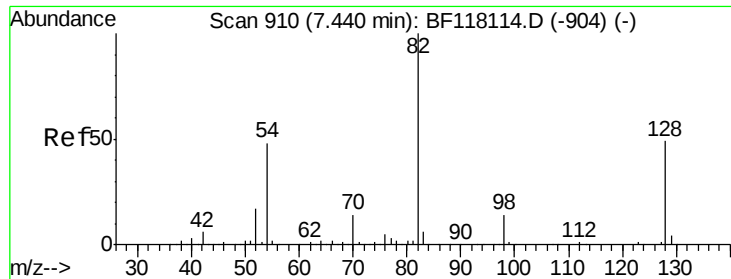
#22
Acetophenone
Concen: 39.315 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt	Ion:105	Resp:	494873
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.7	7.1#
51	28.9	27.1	40.7
120	22.0	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

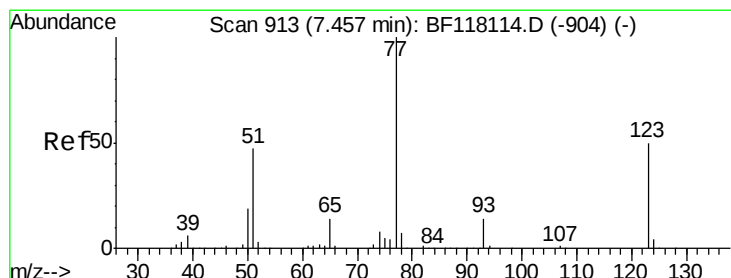
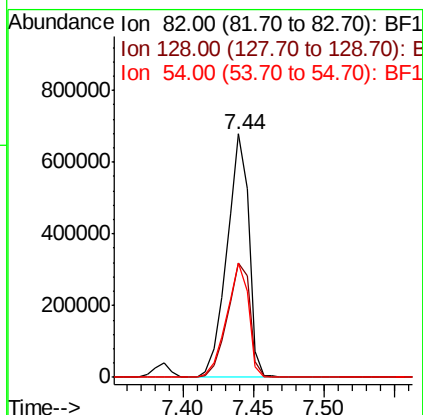
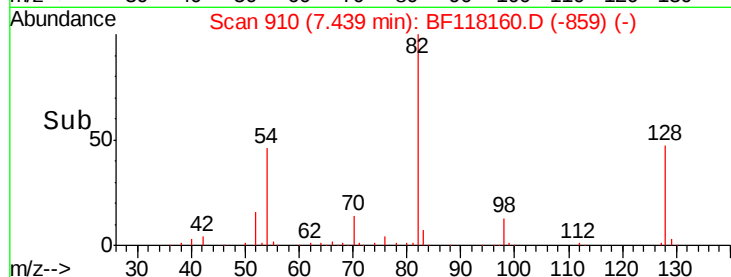
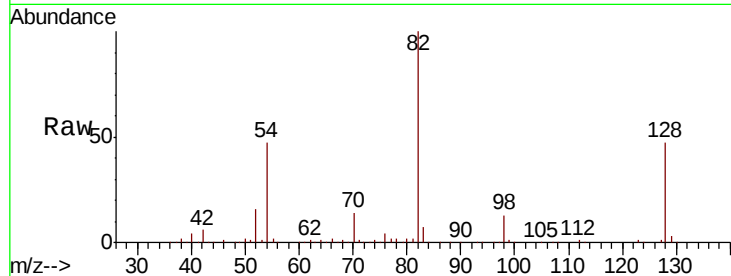




#23
Nitrobenzene-d5
Concen: 78.615 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

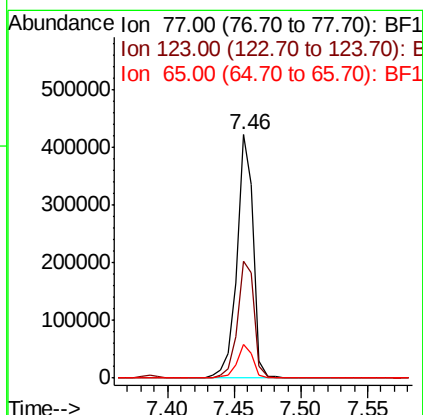
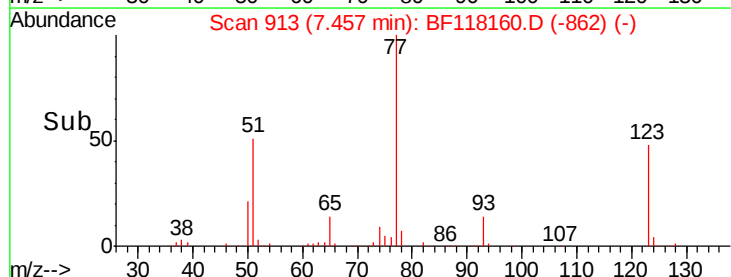
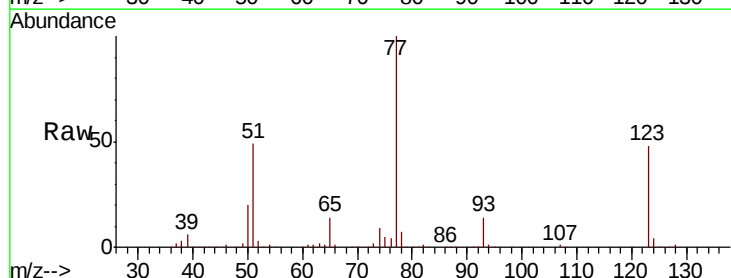
Instrument :
BNA_F
ClientSampleId :

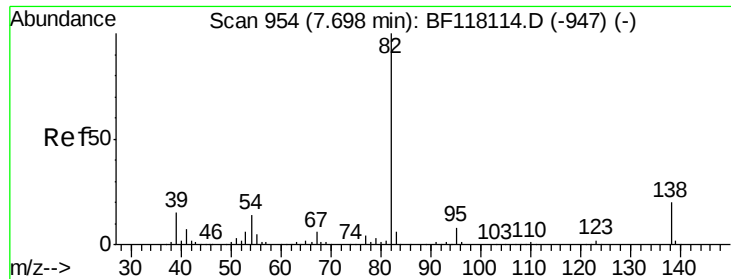
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	39.1	58.7
54	46.7	38.2	57.2



#24
Nitrobenzene
Concen: 39.241 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	40.1	60.1
65	13.7	10.9	16.3





#25

Isophorone

Concen: 37.777 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

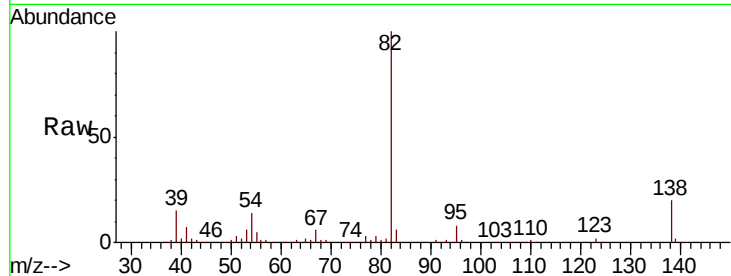
Tot Ion: 82 Resp: 596410

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

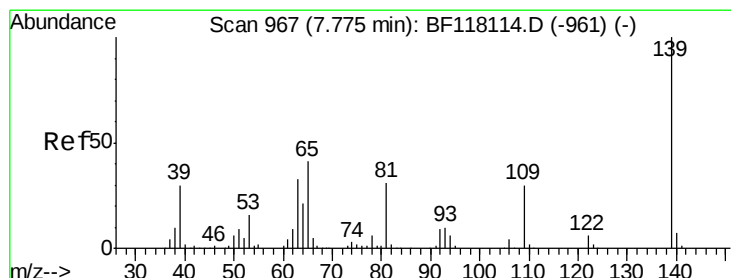
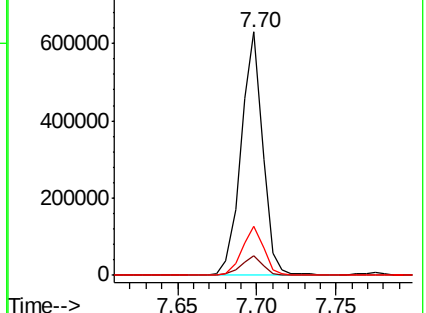
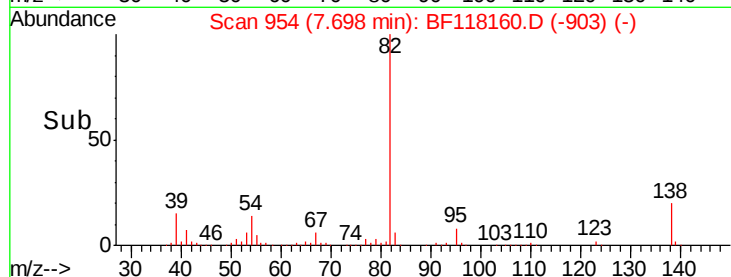
138 20.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.770 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

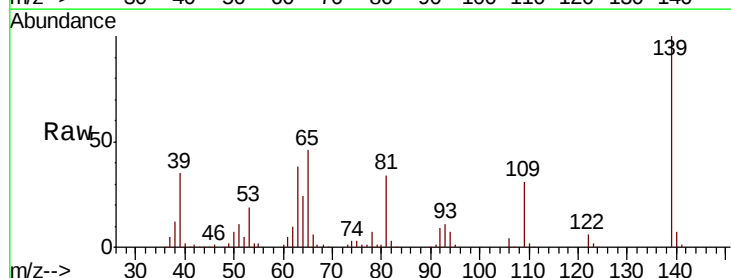
Tgt Ion: 139 Resp: 194500

Ion Ratio Lower Upper

139 100

109 30.9 23.9 35.9

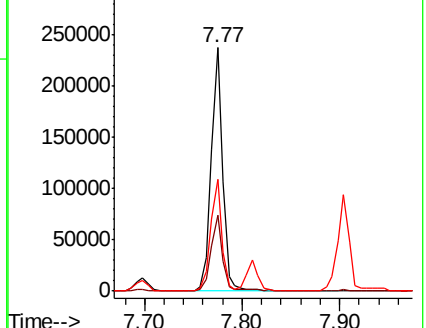
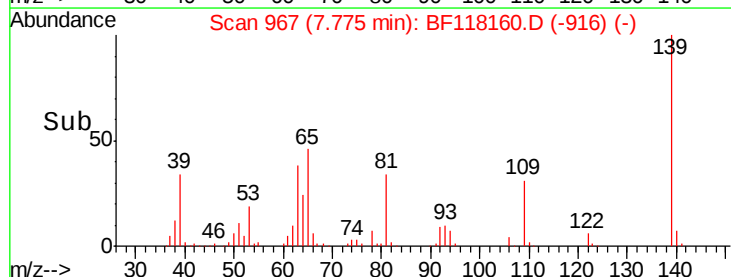
65 45.8 33.0 49.6

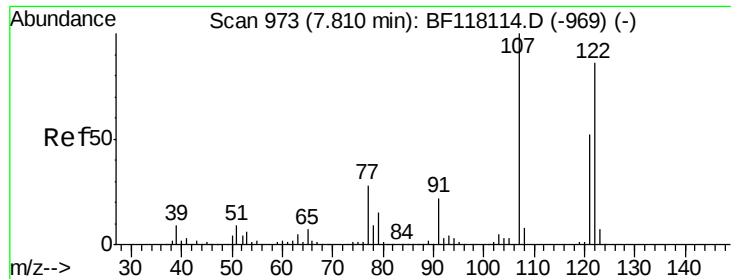


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.464 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampled :

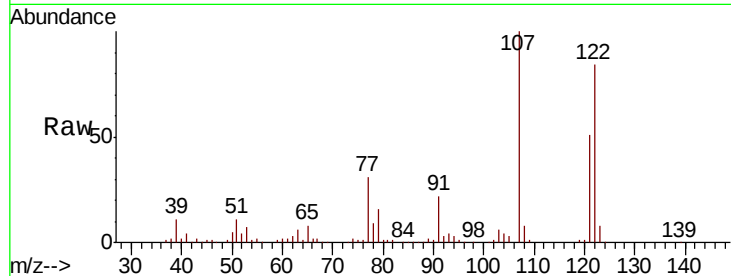
Tot Ion:122 Resp: 250921

Ion Ratio Lower Upper

122 100

107 119.1 92.9 139.3

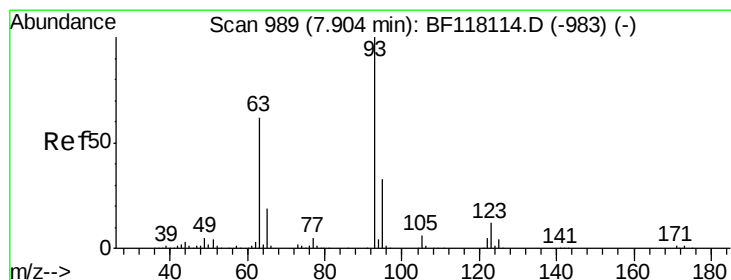
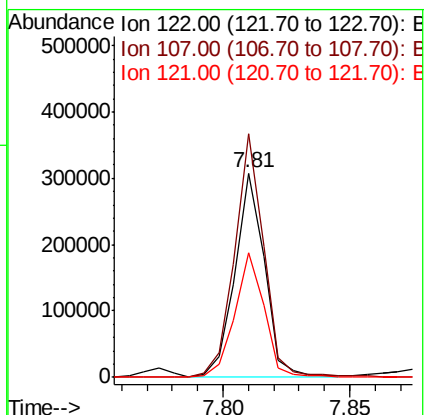
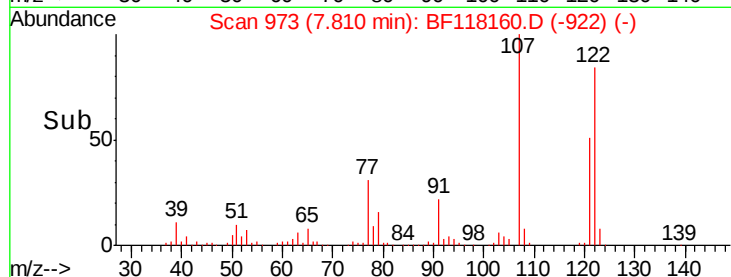
121 60.7 48.3 72.5



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: 37.520 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

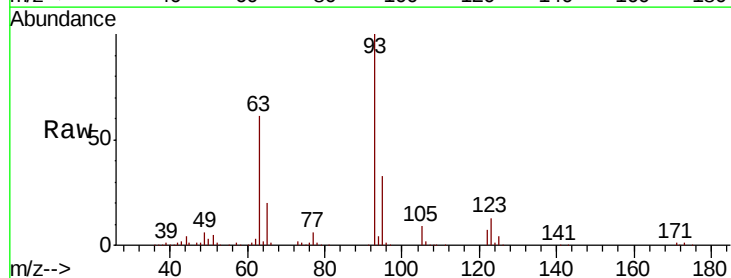
Tgt Ion: 93 Resp: 387067

Ion Ratio Lower Upper

93 100

95 33.2 26.7 40.1

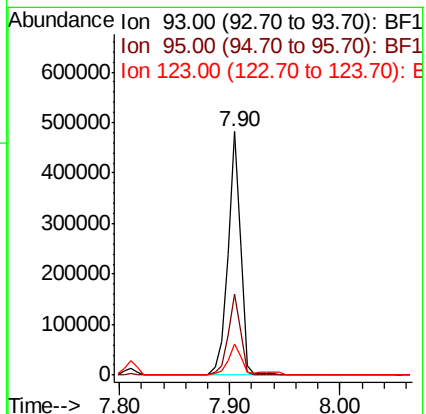
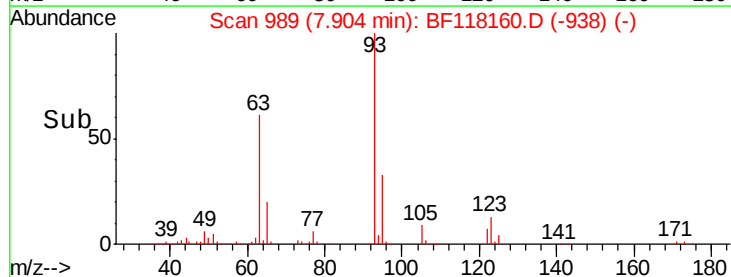
123 12.6 10.0 15.0

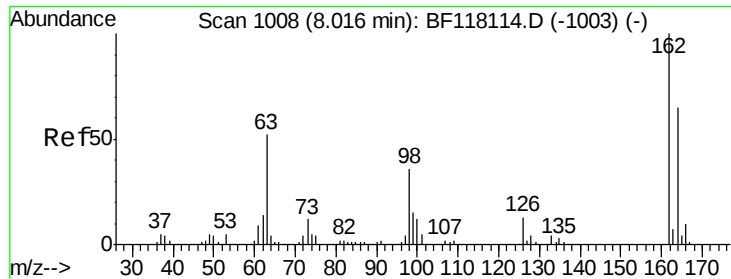


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

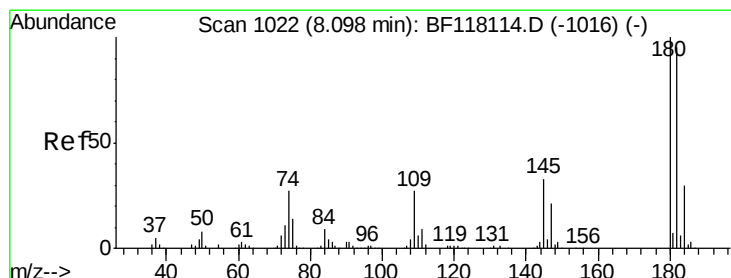
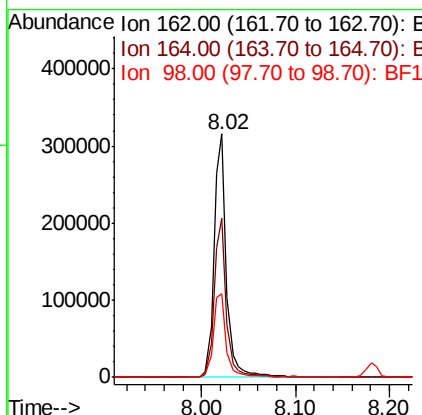
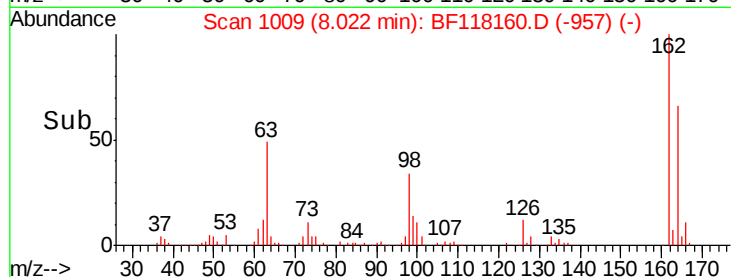
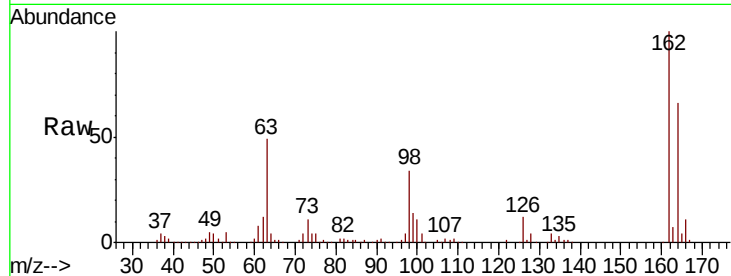




#29
 2,4-Dichlorophenol
 Concen: 39.053 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

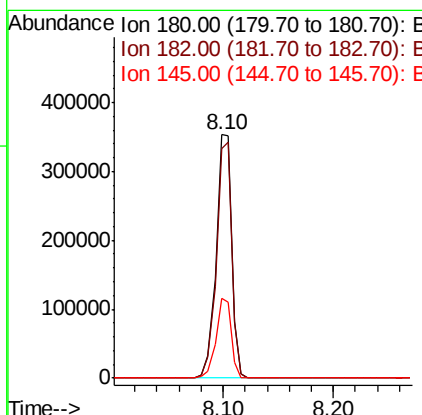
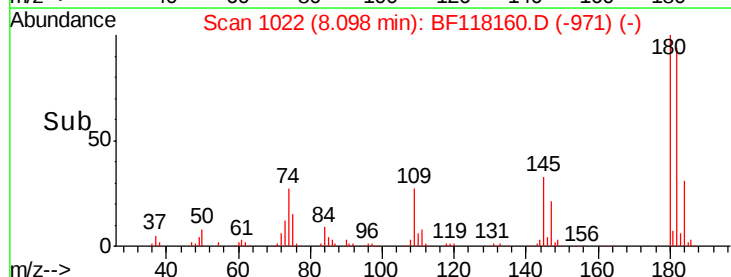
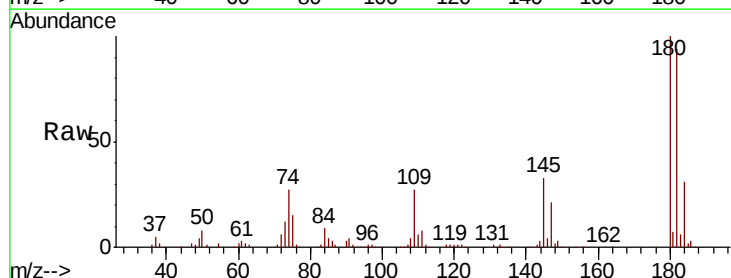
Instrument :
 BNA_F
 ClientSampled :

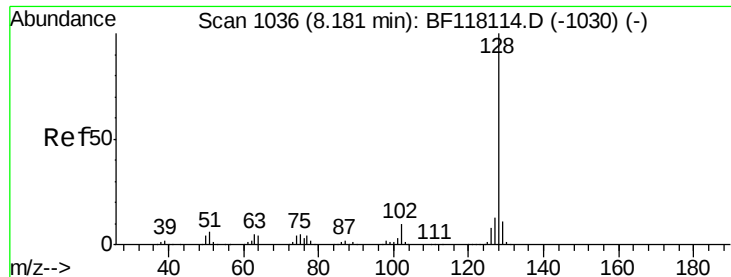
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.2	85.2
98	34.3	15.9	55.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.022 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.1	114.1
145	32.6	26.1	39.1

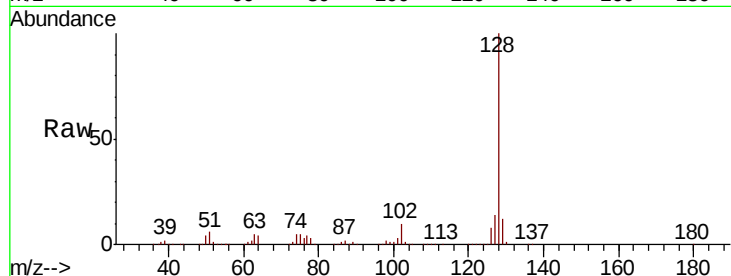




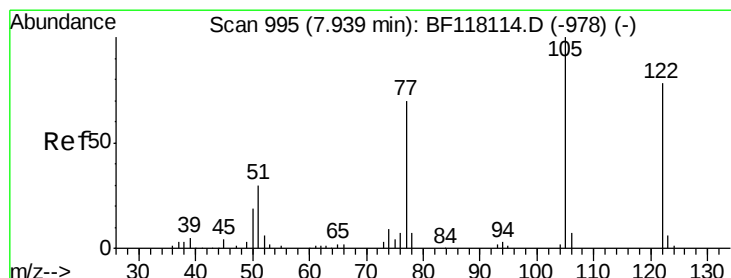
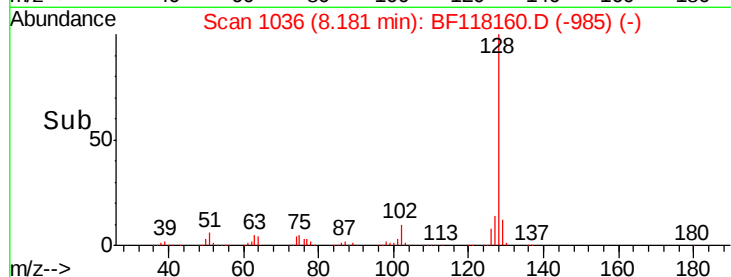
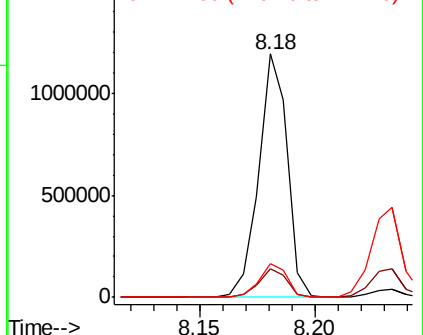
#31
Naphthalene
Concen: 39.201 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1031513
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 10.6 16.0

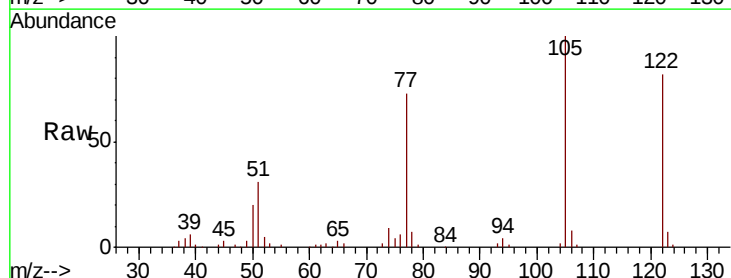


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

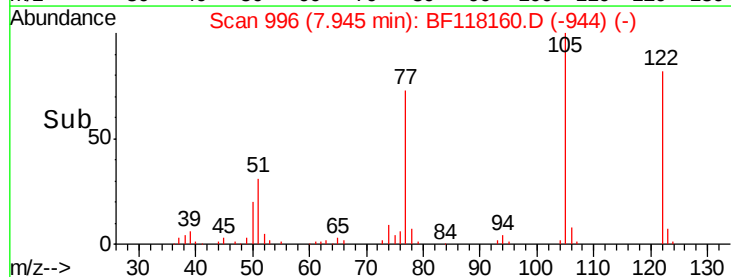
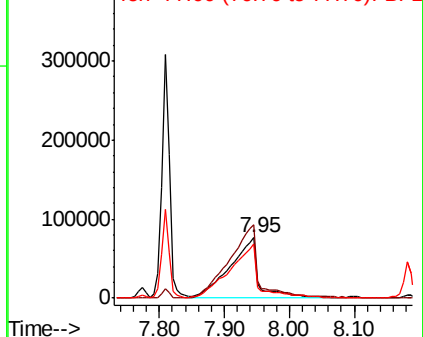


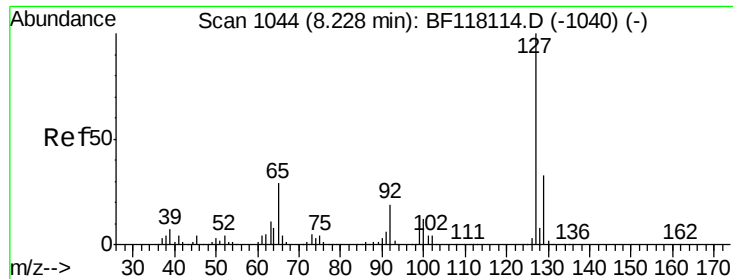
#32
Benzoic acid
Concen: 39.193 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:122 Resp: 230851
Ion Ratio Lower Upper
122 100
105 121.5 104.7 144.7
77 88.8 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

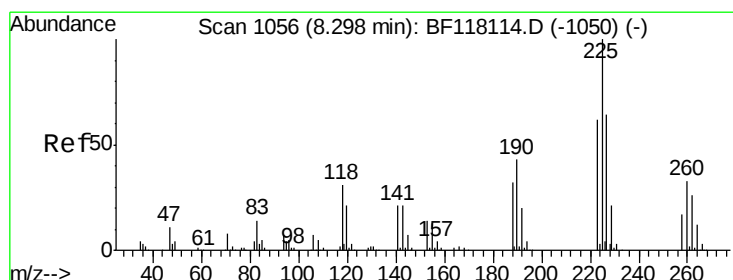
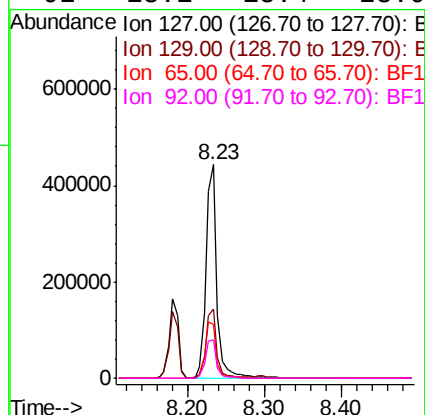
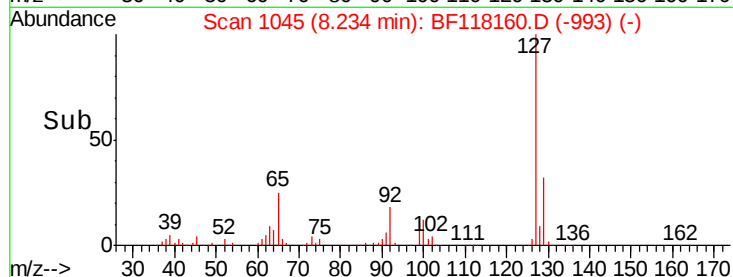
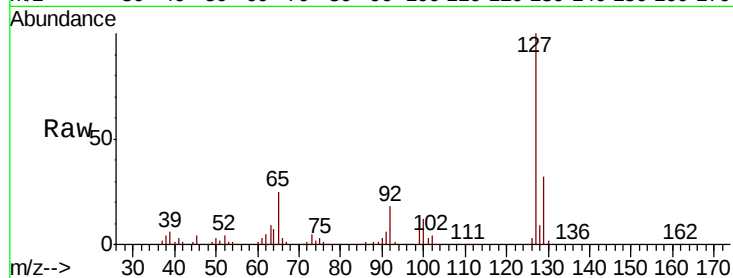




#33
4-Chloroaniline
Concen: 38.423 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

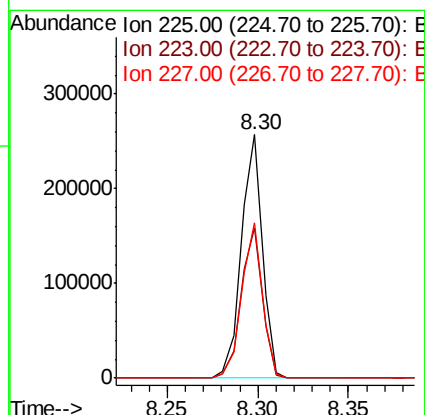
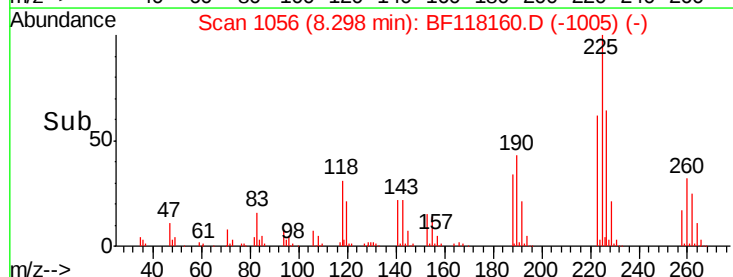
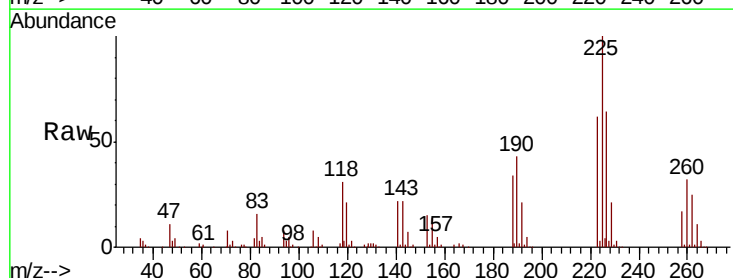
Instrument :
BNA_F
ClientSampleId :

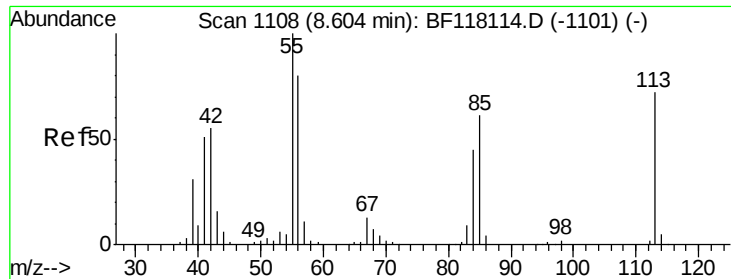
Tot Ion:	127	Resp:	436547
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	25.3	23.2	34.8
92	18.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.948 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:	225	Resp:	207570
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.6	74.4
227	63.7	51.0	76.6

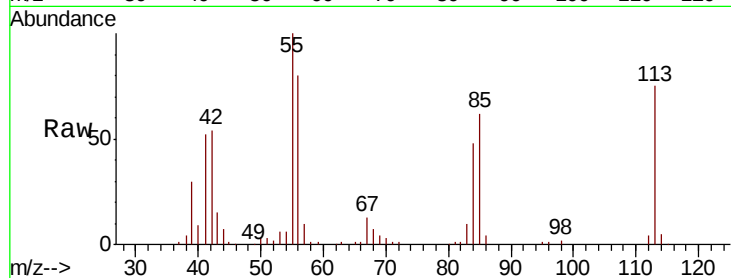




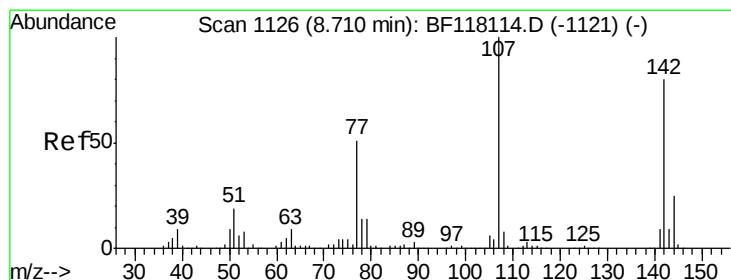
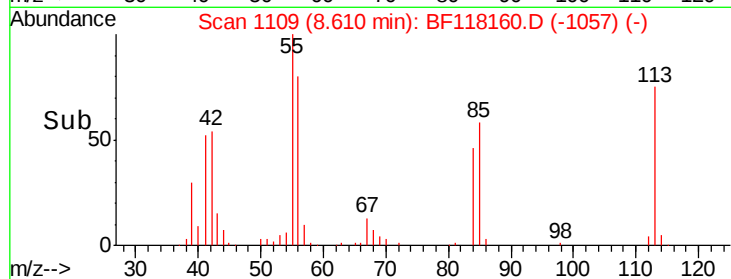
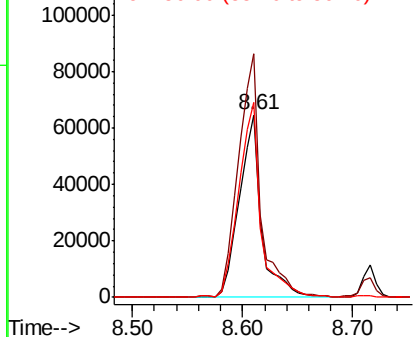
#35
Caprolactam
Concen: 38.856 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 91128
Ion Ratio Lower Upper
113 100
55 133.2 118.9 158.9
56 106.6 91.4 131.4

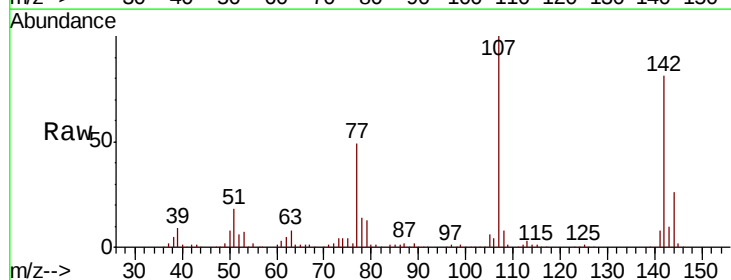


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

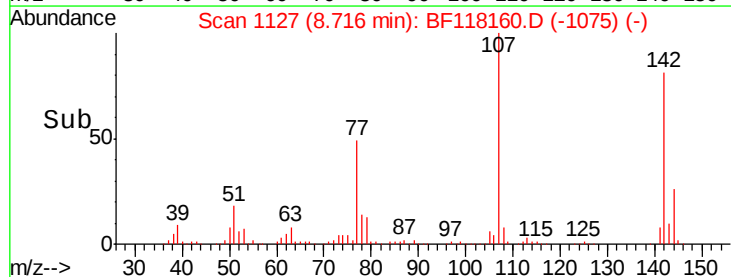
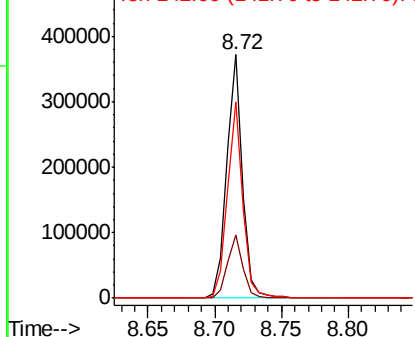


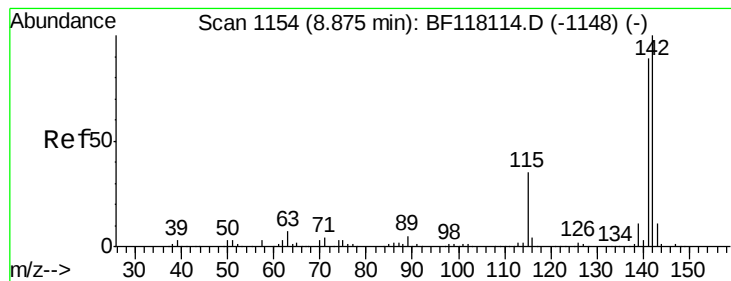
#36
4-Chloro-3-methylphenol
Concen: 38.897 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:107 Resp: 311293
Ion Ratio Lower Upper
107 100
144 25.9 20.3 30.5
142 80.8 63.7 95.5



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

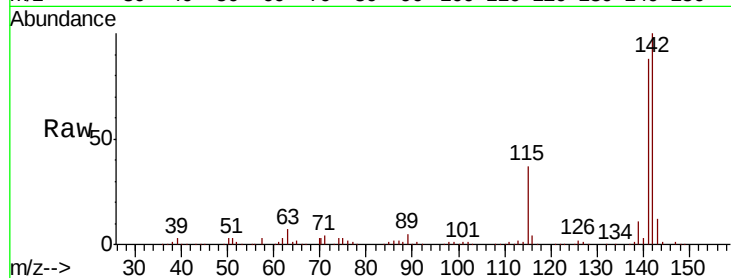




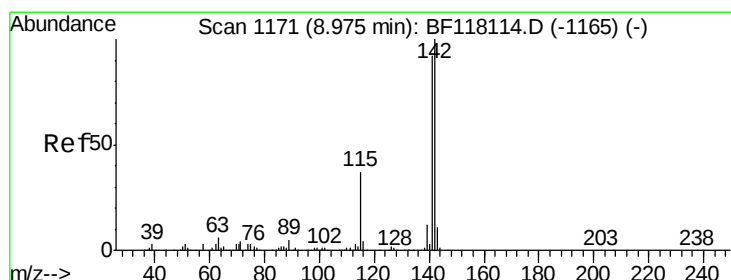
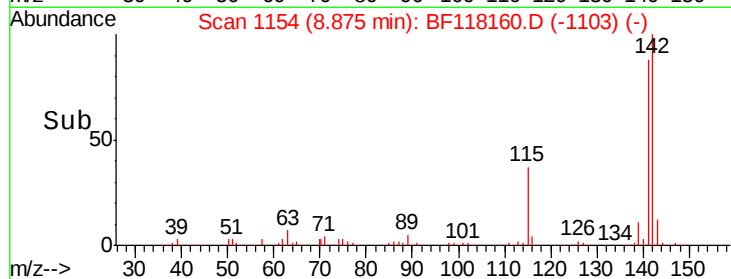
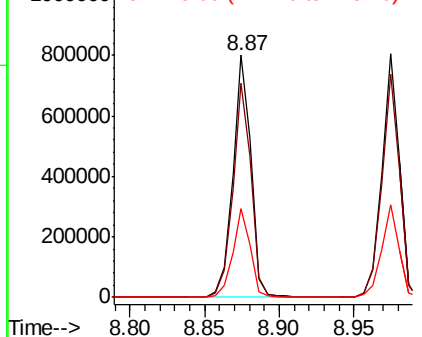
#37
 2-Methylnaphthalene
 Concen: 38.640 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0
115	36.6	28.2	42.4

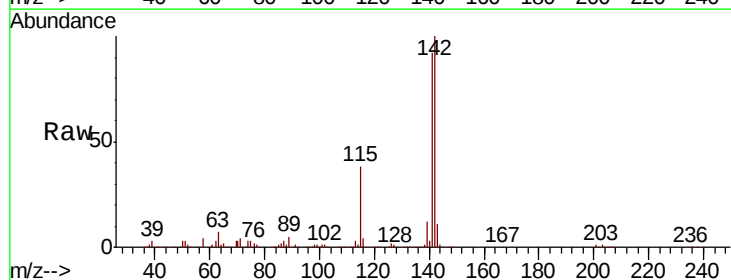


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

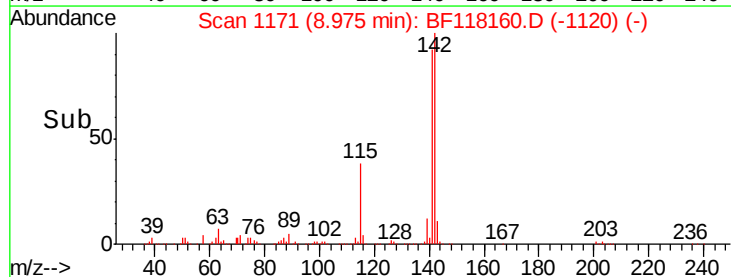
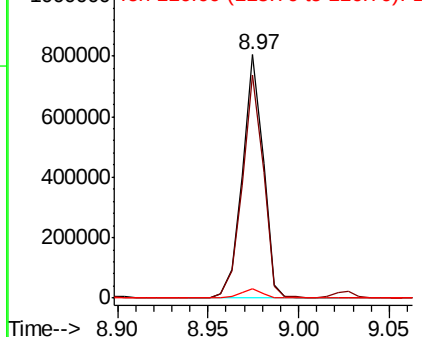


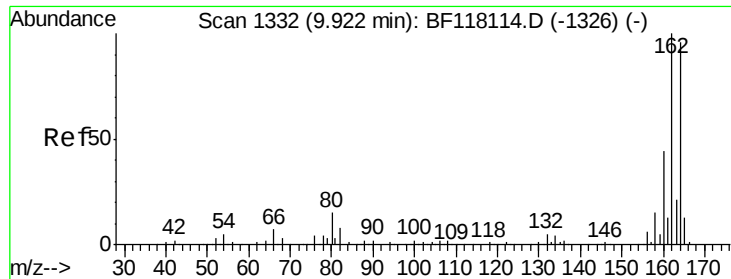
#38
 1-Methylnaphthalene
 Concen: 38.368 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.0	111.0
116	4.0	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

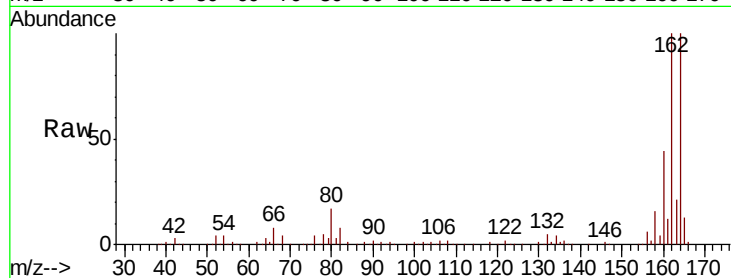




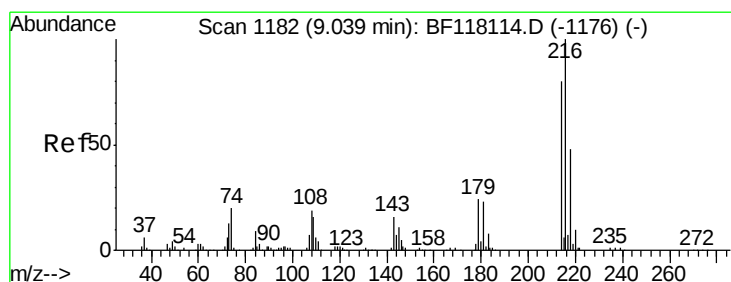
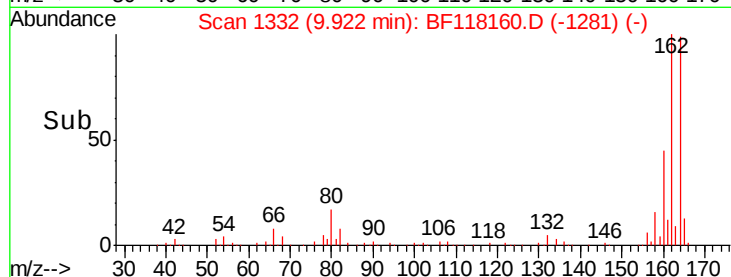
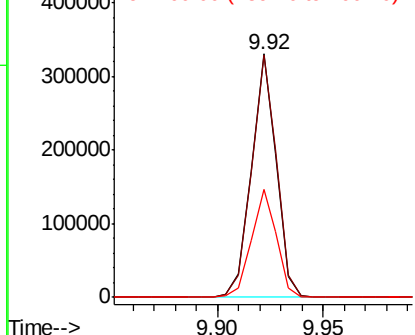
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 268940
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 44.4 36.6 54.8

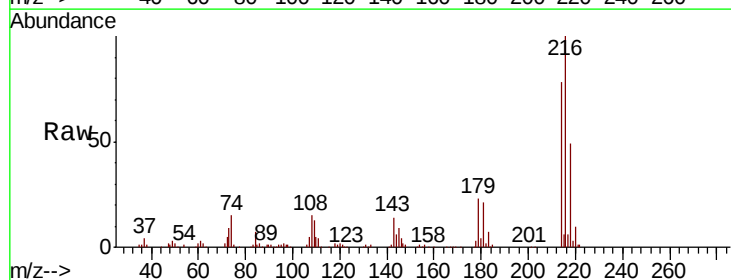


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

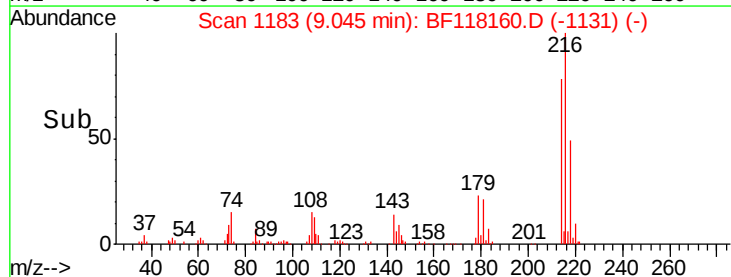
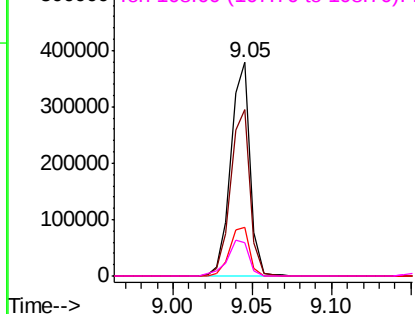


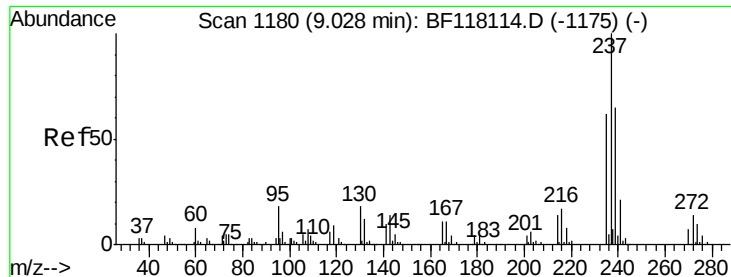
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.267 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:216 Resp: 319913
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 23.5 18.6 27.8
108 18.8 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: 34.964 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

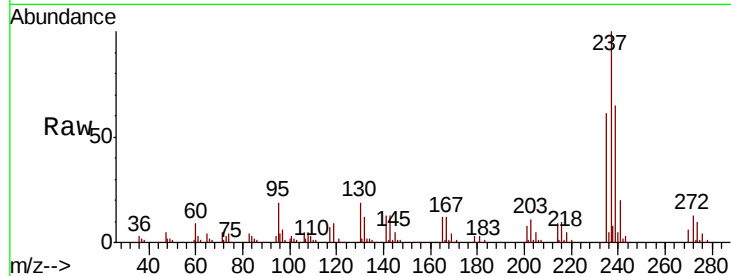
Tot Ion:237 Resp: 127628

Ion Ratio Lower Upper

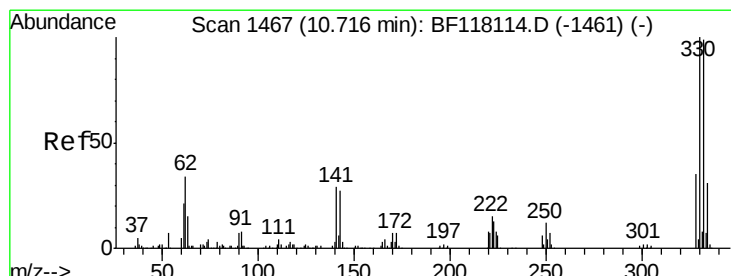
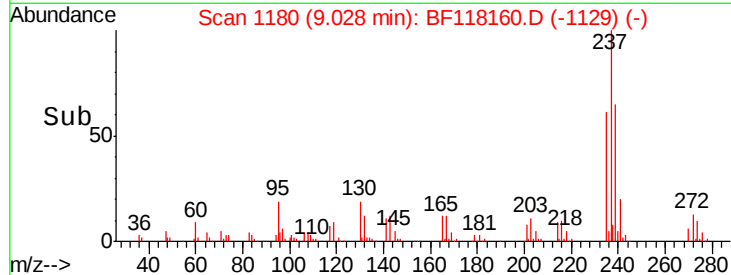
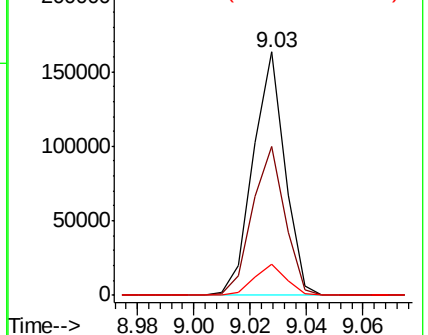
237 100

235 61.4 41.5 81.5

272 12.9 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: 76.101 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

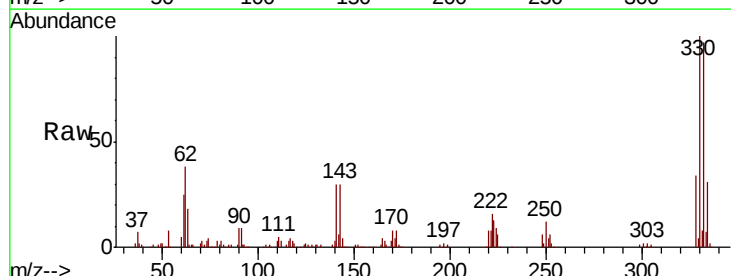
Tgt Ion:330 Resp: 248632

Ion Ratio Lower Upper

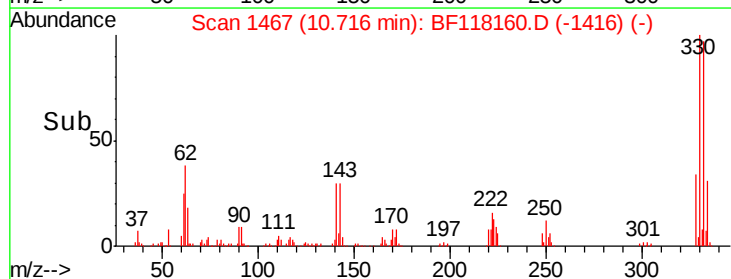
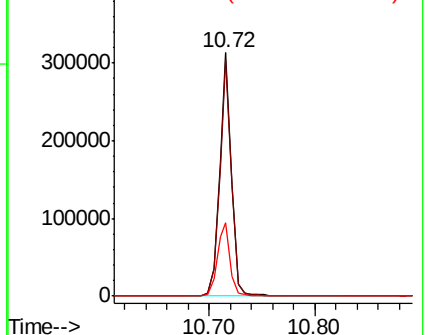
330 100

332 96.8 78.1 117.1

141 32.5 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

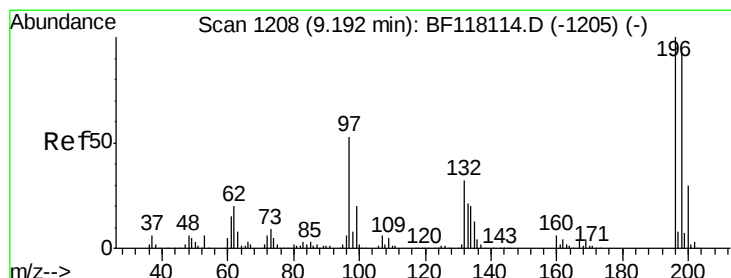
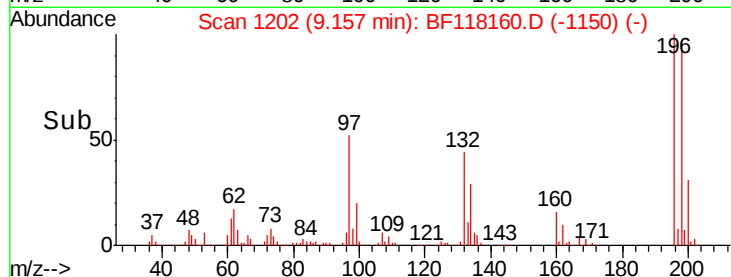
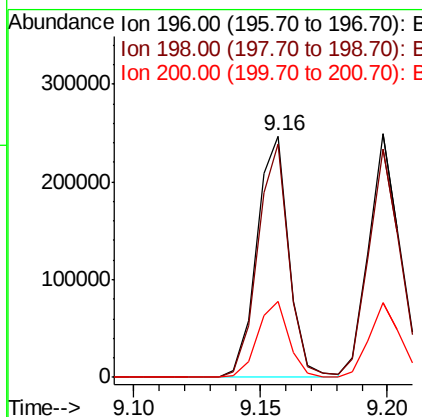
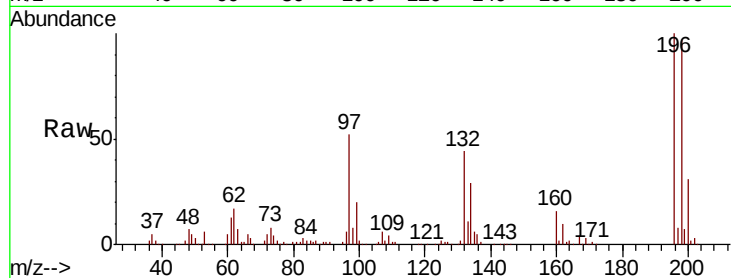




#43
 2,4,6-Trichlorophenol
 Concen: 39.993 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

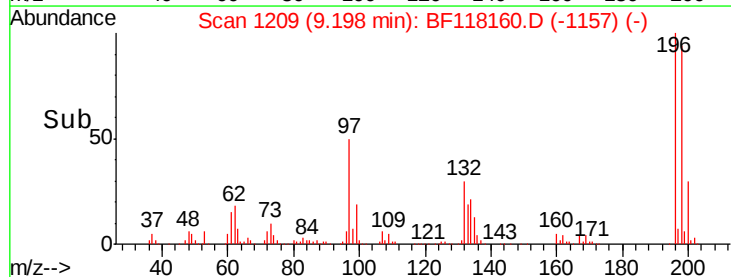
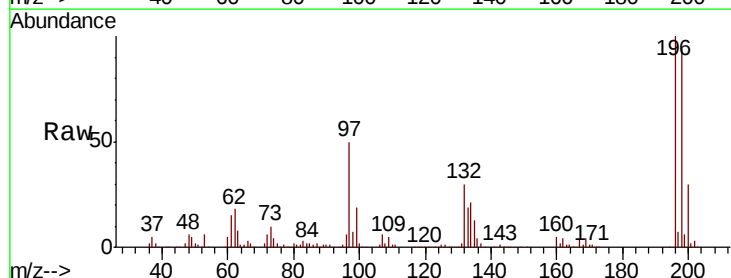
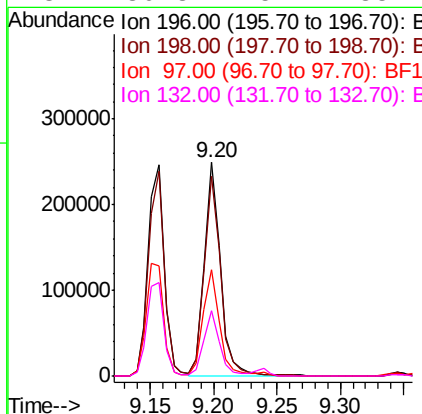
Instrument :
 BNA_F
 ClientSampleId :

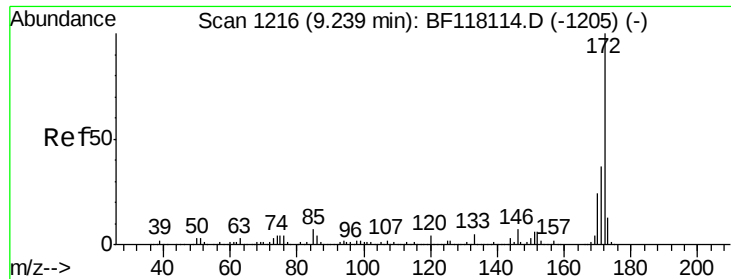
Tot Ion	196	Resp	217550
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.0	112.4
200	31.3	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 39.710 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion	196	Resp	223798
Ion Ratio	Lower	Upper	
196	100		
198	93.7	74.2	111.4
97	49.8	42.5	63.7
132	30.3	25.4	38.2

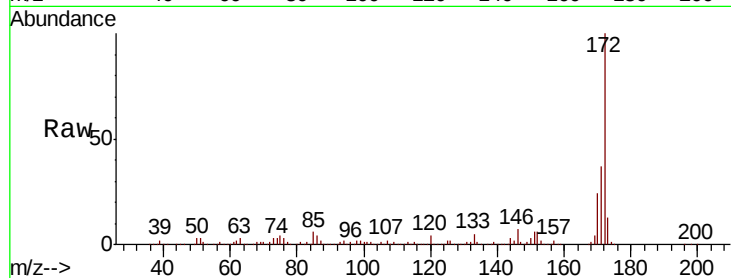




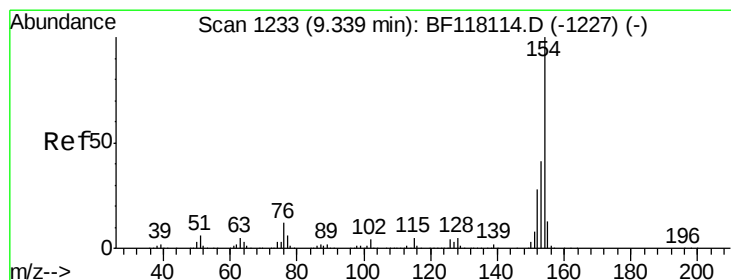
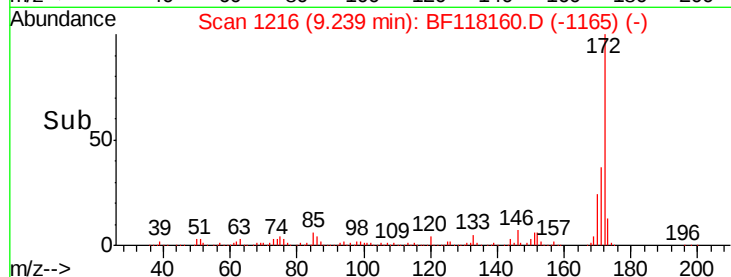
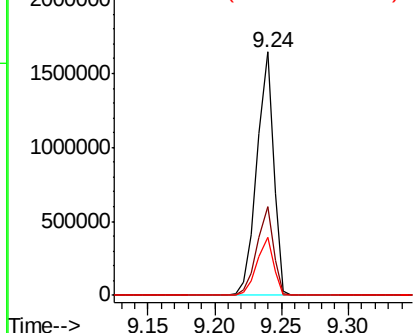
#45
2-Fluorobiphenyl
Concen: 79.827 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1410888
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.0 19.4 29.2

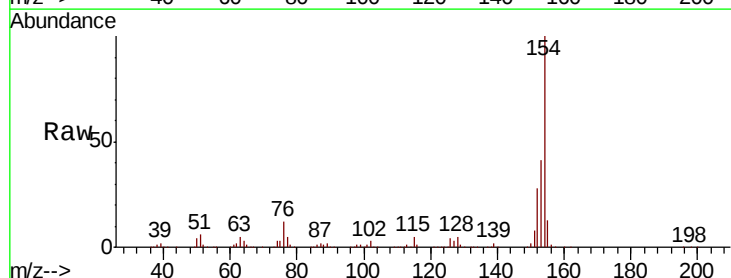


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

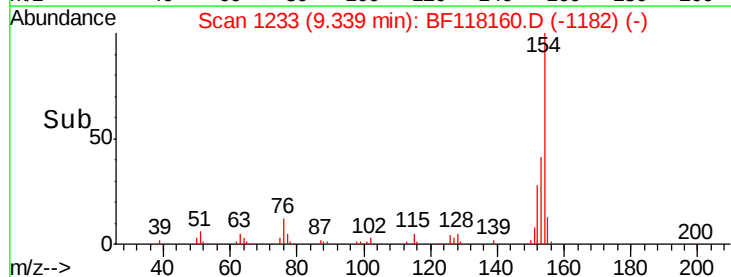
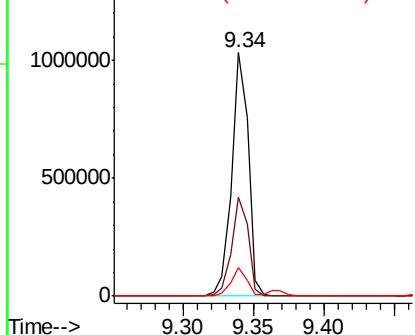


#46
1,1'-Biphenyl
Concen: 39.841 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:154 Resp: 845070
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 11.8 0.0 31.9



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

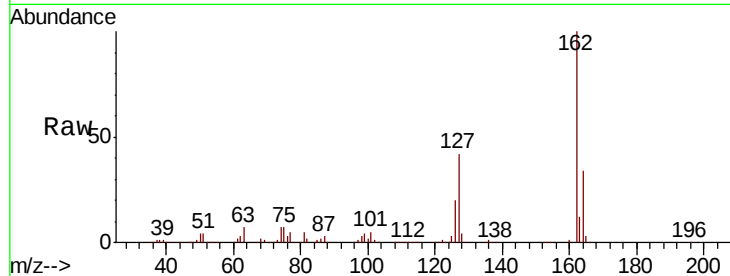




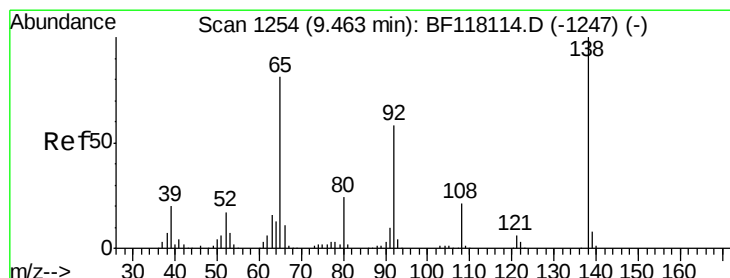
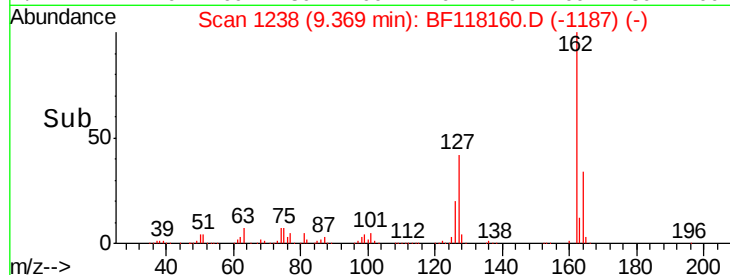
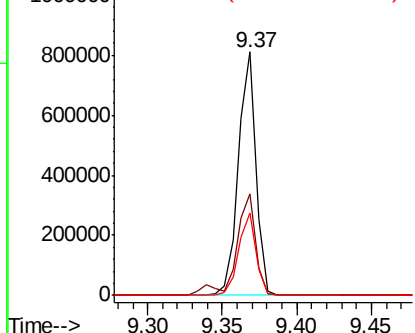
#47
 2-Chloronaphthalene
 Concen: 39.271 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	670056
Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.0	48.0
164	33.8	26.1	39.1

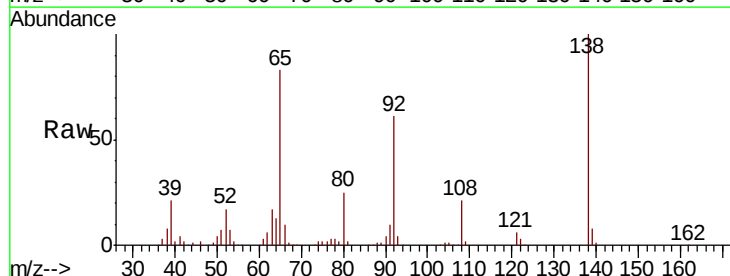


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

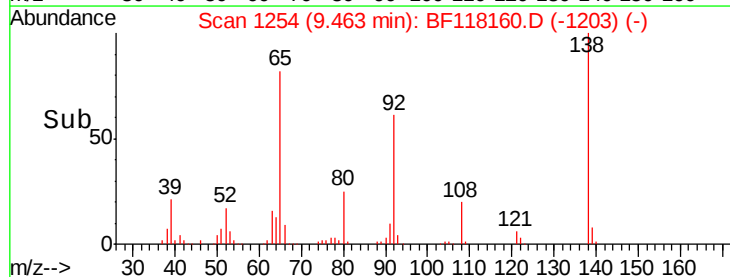
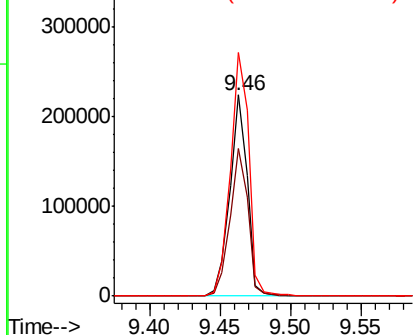


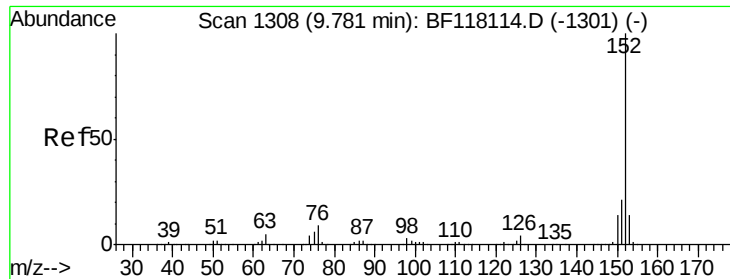
#48
 2-Nitroaniline
 Concen: 39.729 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion:	65	Resp:	193312
Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.8	86.6
138	121.1	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: 39.658 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

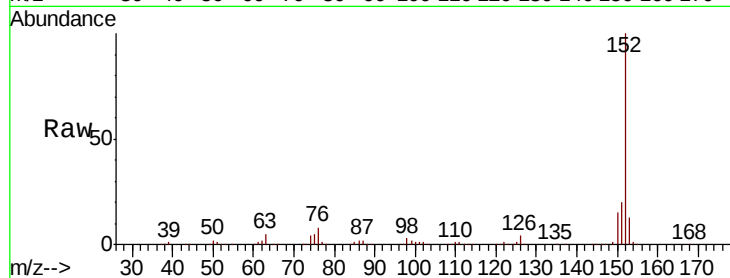
Tot Ion:152 Resp: 998019

Ion Ratio Lower Upper

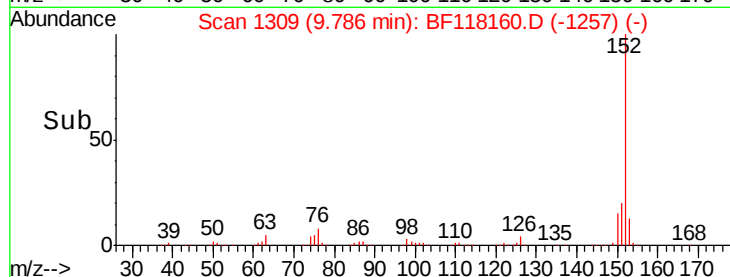
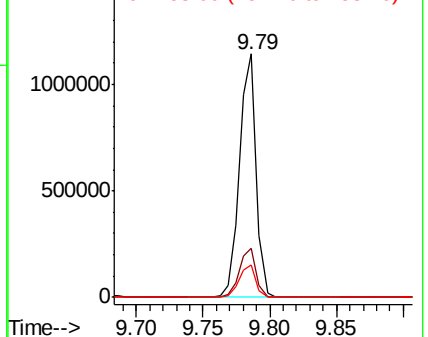
152 100

151 20.2 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: 38.082 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

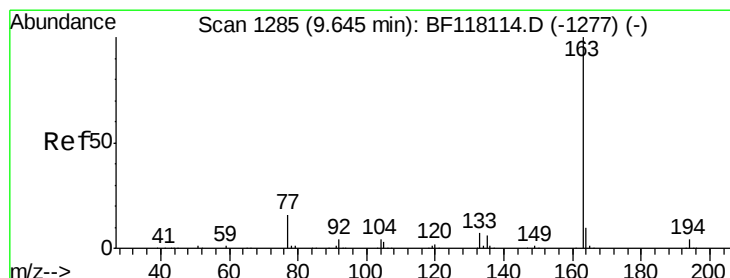
Tgt Ion:163 Resp: 756510

Ion Ratio Lower Upper

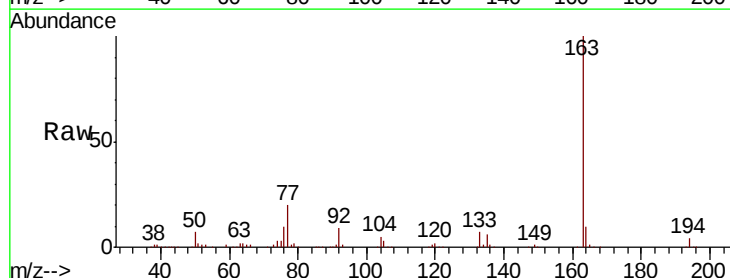
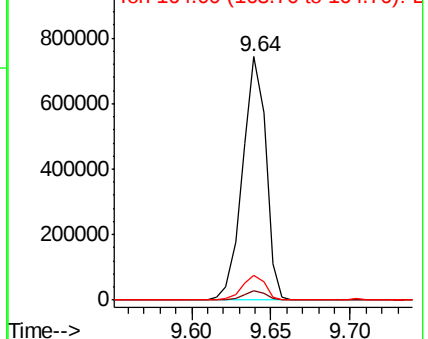
163 100

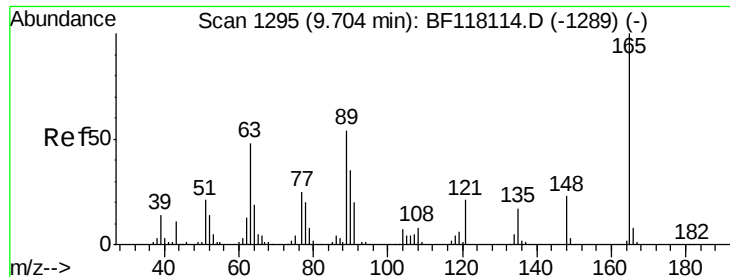
194 3.9 3.1 4.7

164 10.3 7.7 11.5



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

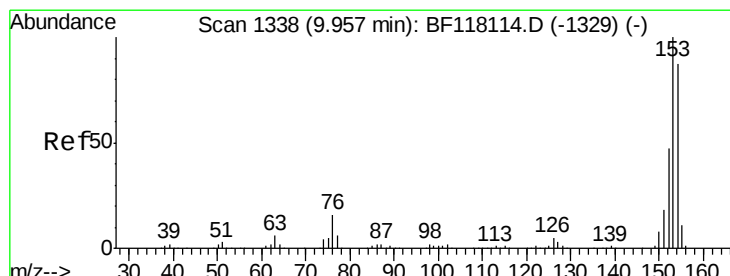
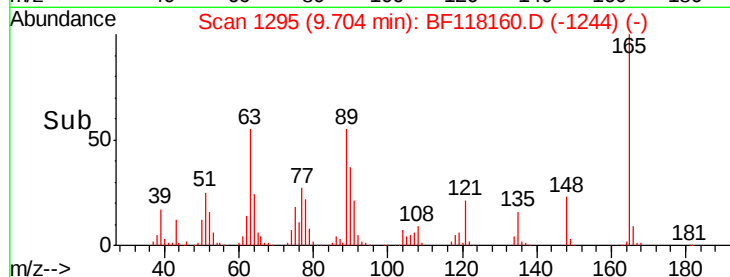
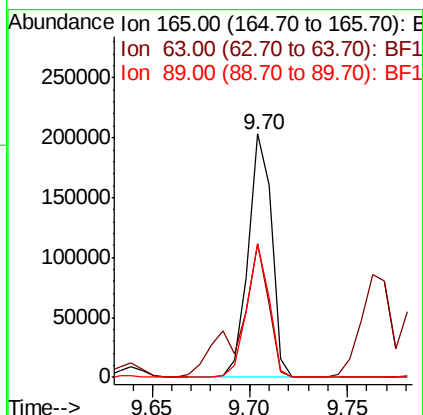
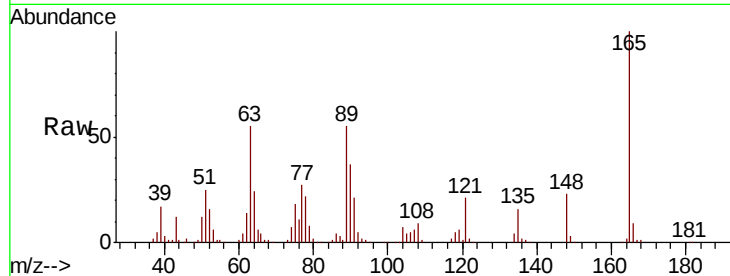




#51
 2,6-Dinitrotoluene
 Concen: 39.283 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

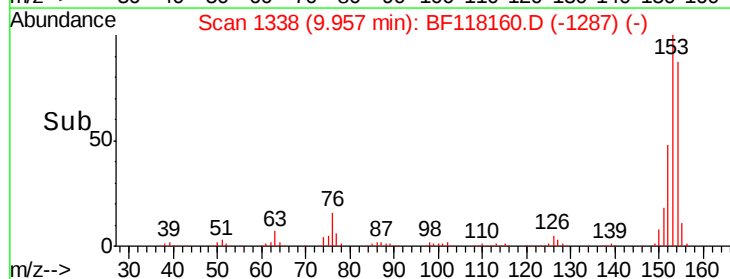
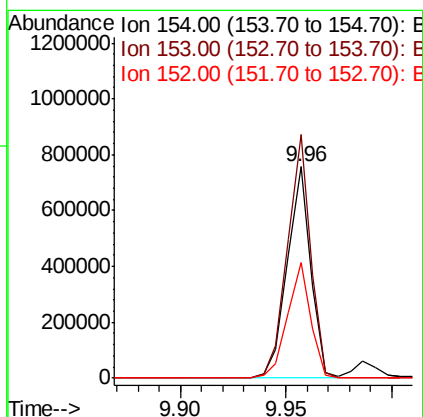
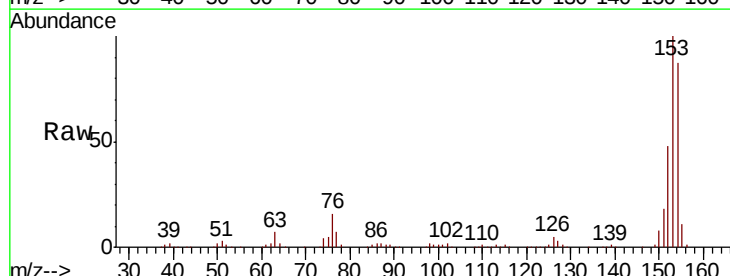
Instrument :
 BNA_F
 ClientSampled :

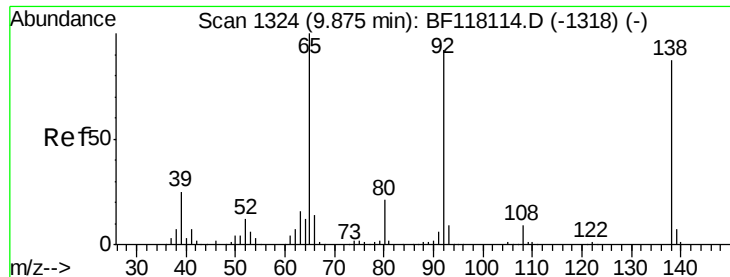
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	41.4	62.0
89	55.1	42.9	64.3



#52
 Acenaphthene
 Concen: 38.311 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.8	137.6
152	54.9	43.3	64.9

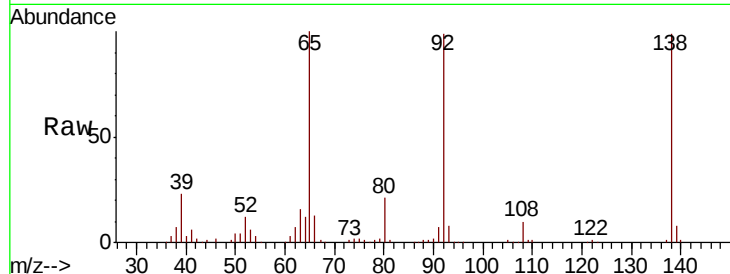




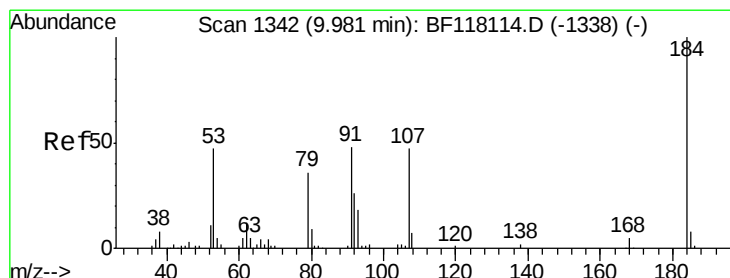
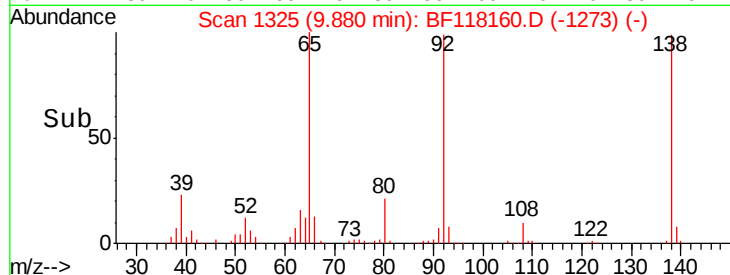
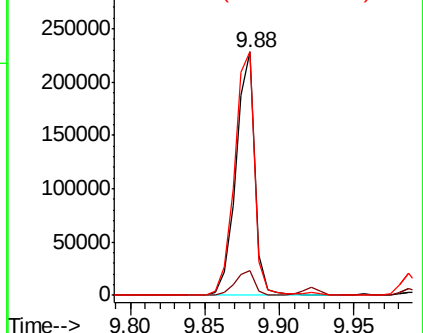
#53
3-Nitroaniline
Concen: 40.052 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 203600
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.4
92 99.9 84.9 127.3

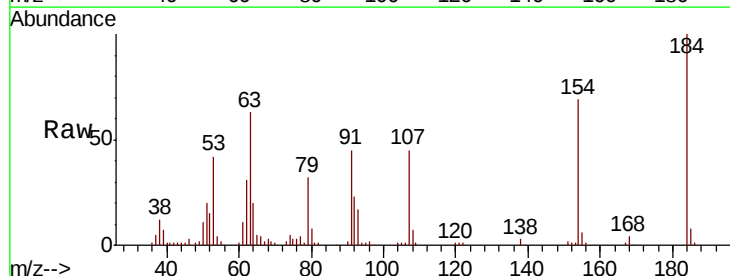


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

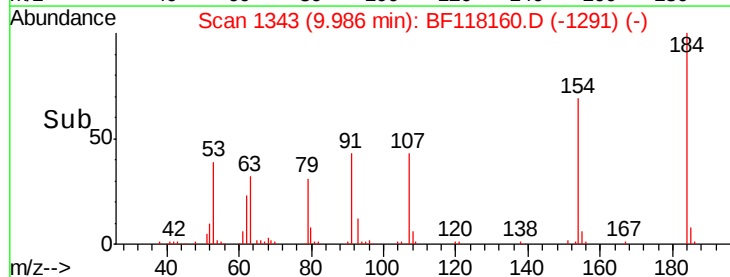
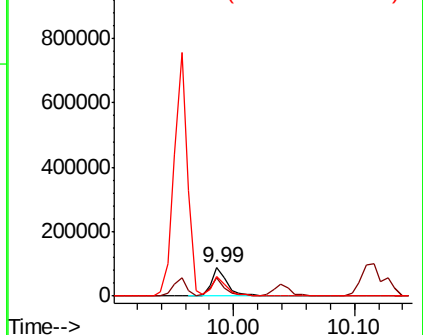


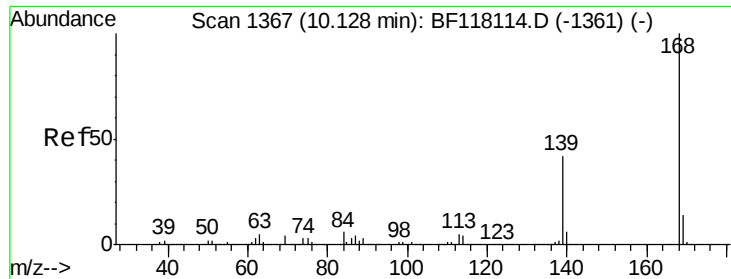
#54
2,4-Dinitrophenol
Concen: 38.014 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:184 Resp: 81694
Ion Ratio Lower Upper
184 100
63 63.4 53.9 80.9
154 69.0 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

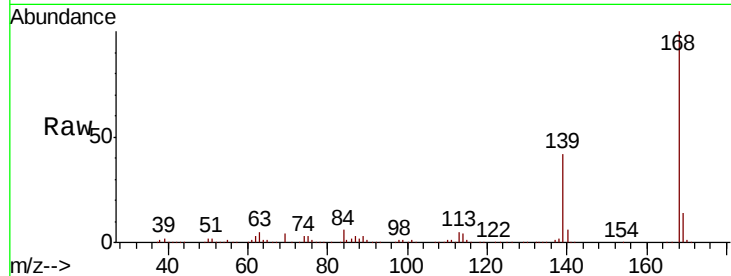




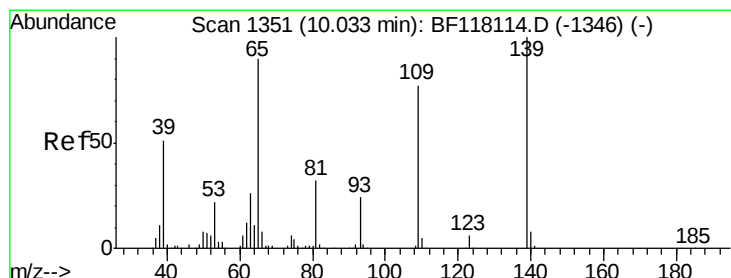
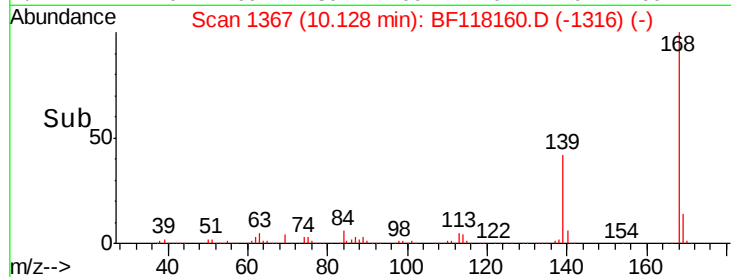
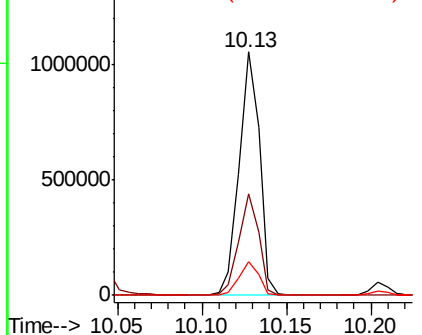
#55
Dibenzenofuran
Concen: 39.255 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 883518
Ion Ratio Lower Upper
168 100
139 41.7 33.4 50.0
169 13.7 11.0 16.6

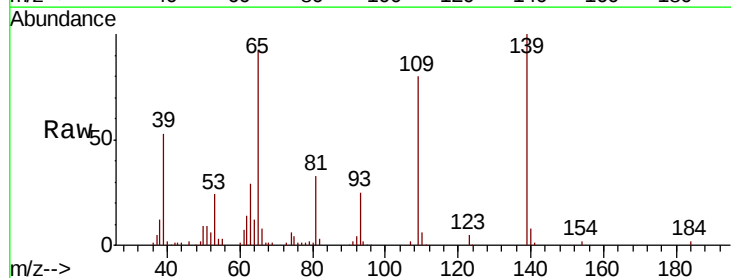


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

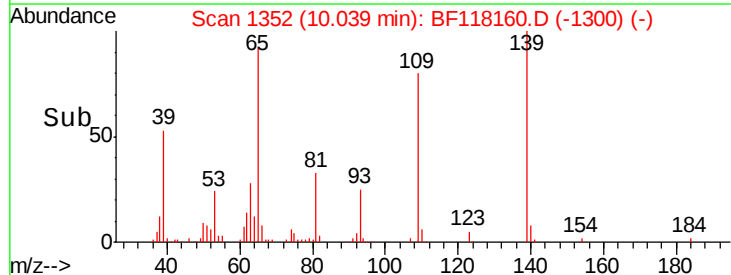
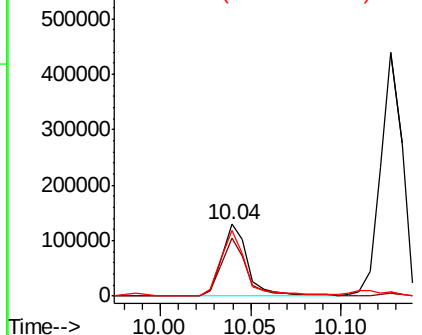


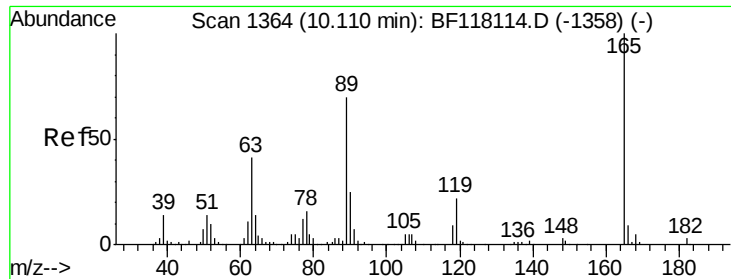
#56
4-Nitrophenol
Concen: 37.317 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:139 Resp: 131650
Ion Ratio Lower Upper
139 100
109 80.0 57.3 97.3
65 92.0 70.2 110.2



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

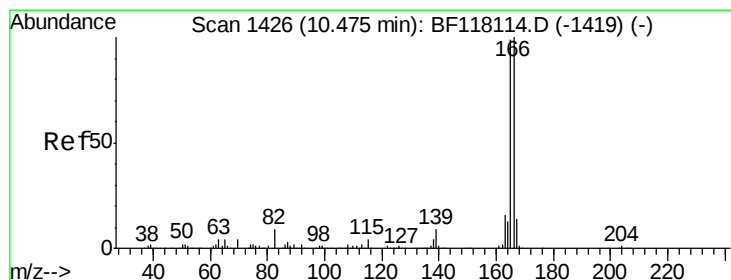
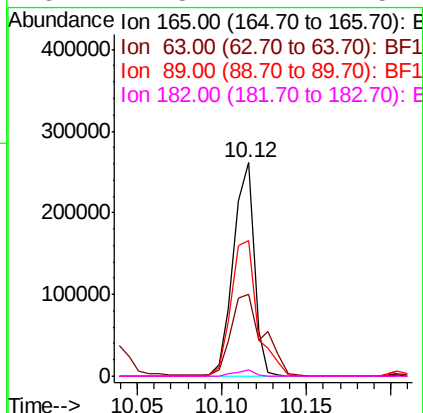
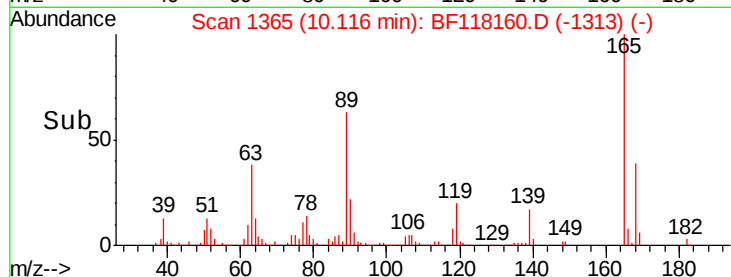
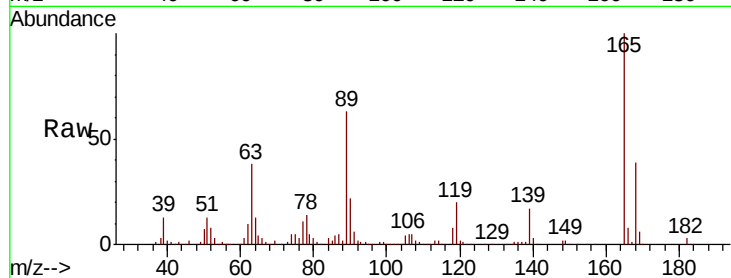




#57
2,4-Dinitrotoluene
Concen: 38.926 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

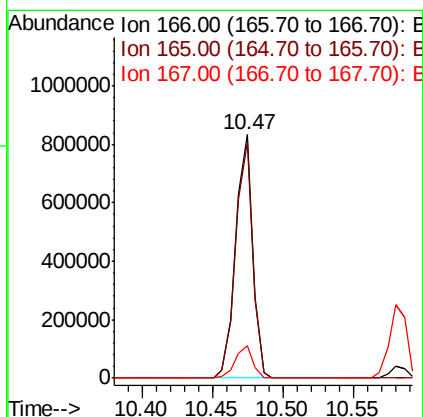
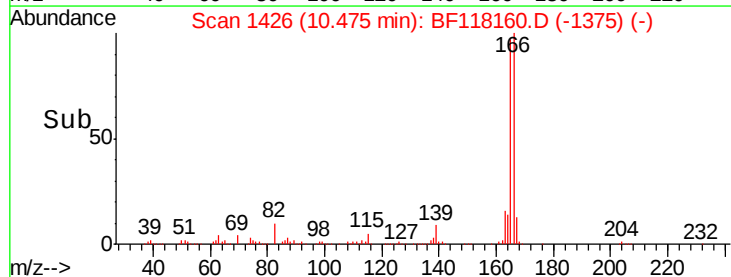
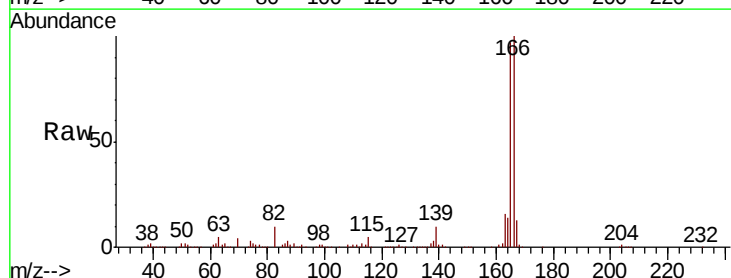
Instrument :
BNA_F
ClientSampleId :

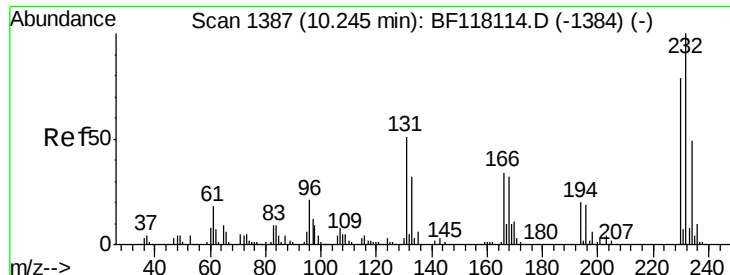
Tot Ion:165	Resp:	224425
Ion Ratio	Lower	Upper
165	100	
63	38.5	32.6 49.0
89	63.3	56.1 84.1
182	2.8	2.1 3.1



#58
Fluorene
Concen: 39.408 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:166	Resp:	704868
Ion Ratio	Lower	Upper
166	100	
165	97.1	79.0 118.4
167	13.3	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.259 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 177886

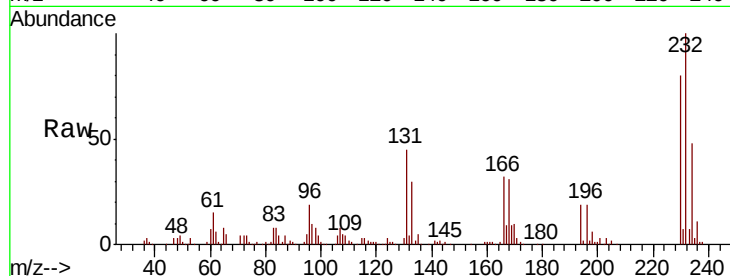
Ion Ratio Lower Upper

232 100

131 49.0 38.8 58.2

130 2.6 1.9 2.9

166 33.0 25.4 38.0

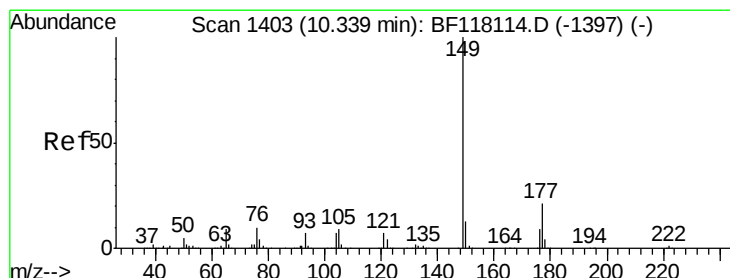
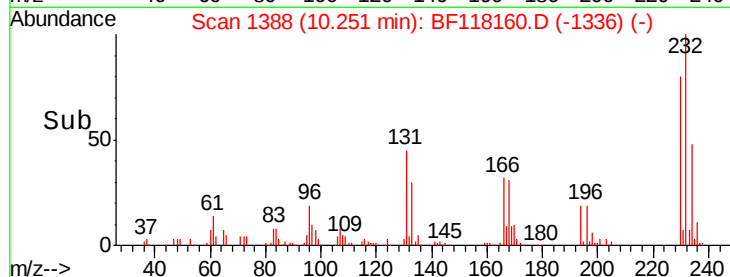
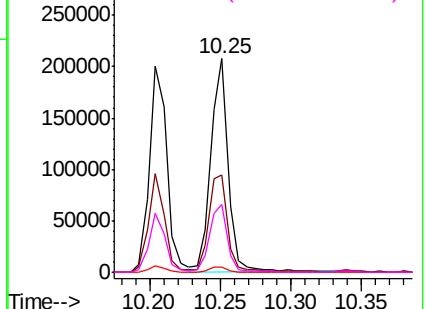


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.463 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

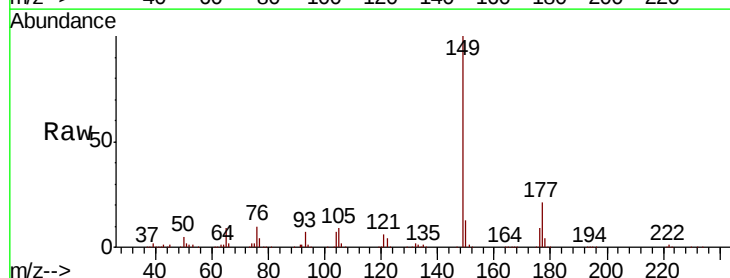
Tgt Ion:149 Resp: 733225

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.4

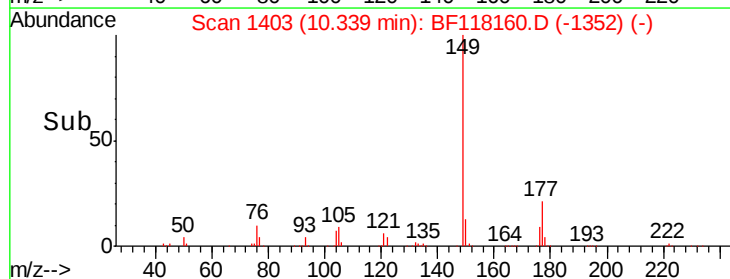
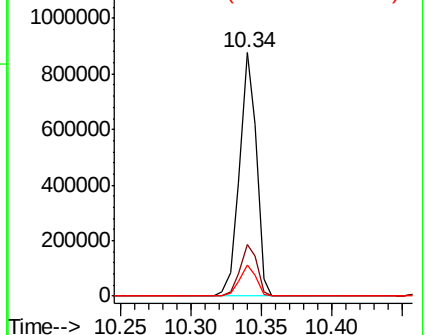
150 12.6 10.1 15.1

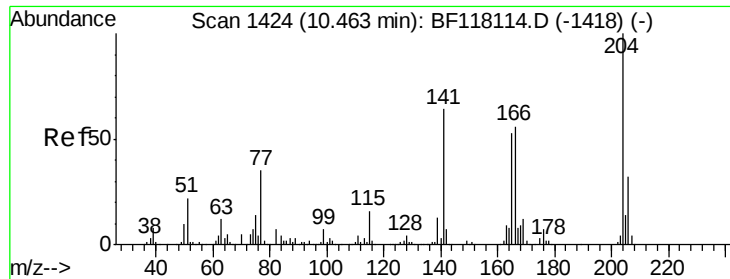


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

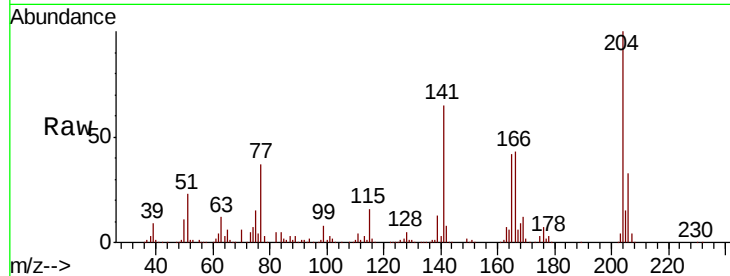




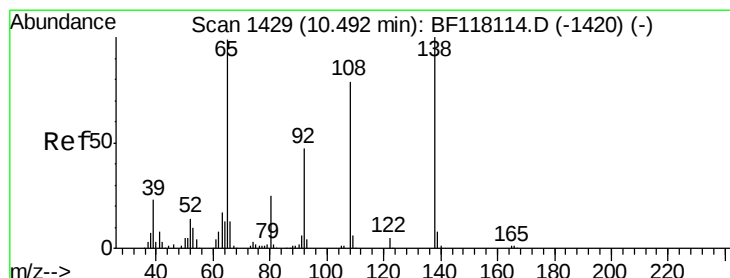
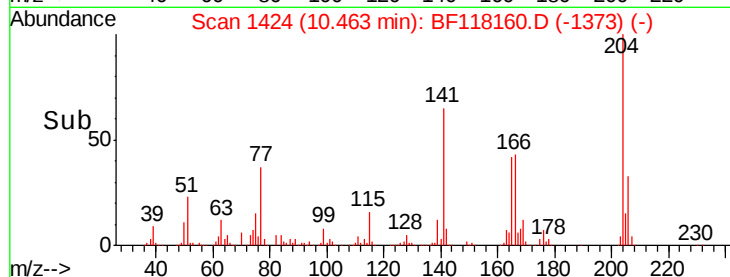
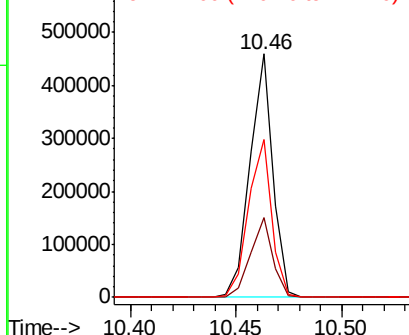
#61
4-Chlorophenyl-phenylether
Concen: 38.580 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 347200
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 64.6 51.0 76.6

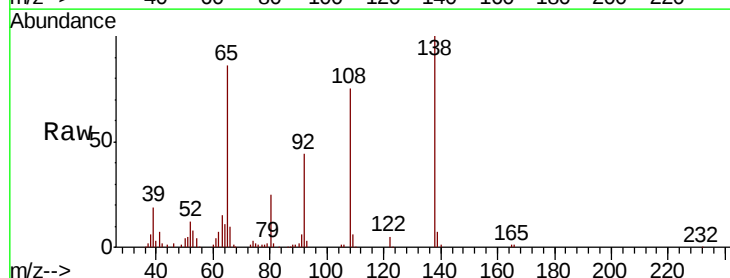


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

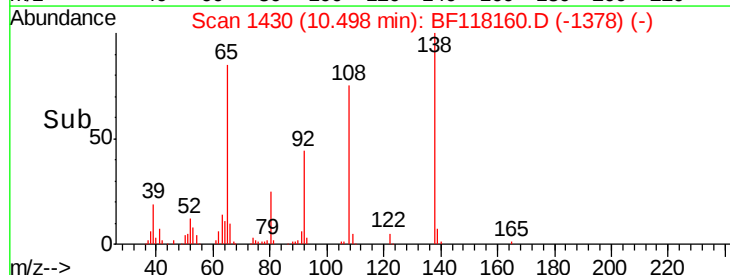
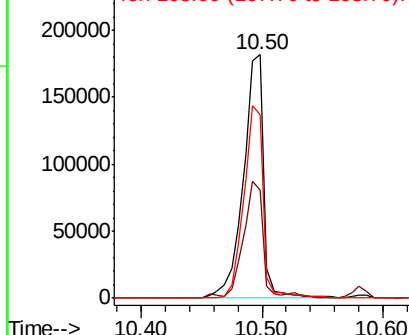


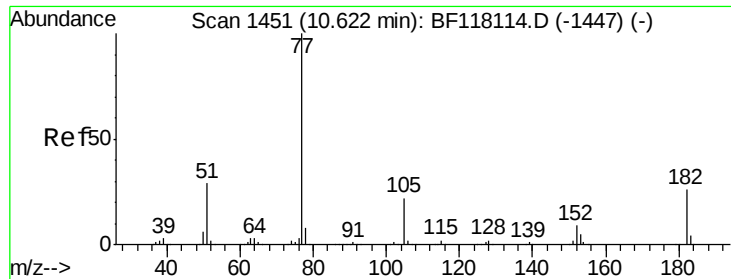
#62
4-Nitroaniline
Concen: 40.270 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:138 Resp: 213502
Ion Ratio Lower Upper
138 100
92 44.2 27.1 67.1
108 75.4 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: 38.437 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 642215

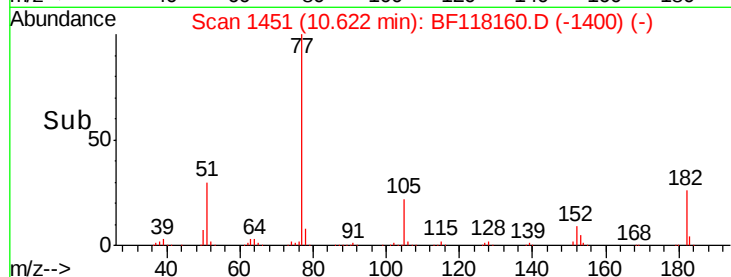
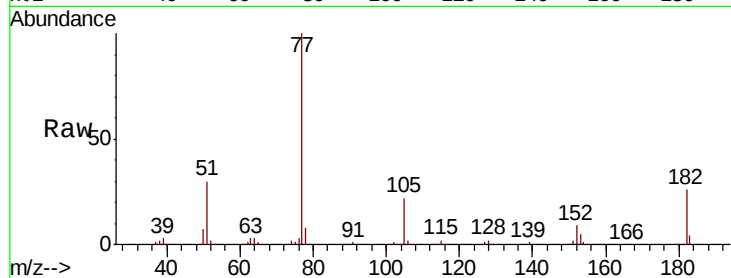
Ion Ratio Lower Upper

77 100

182 25.5 5.7 45.7

105 21.8 2.2 42.2

51 29.9 9.6 49.6

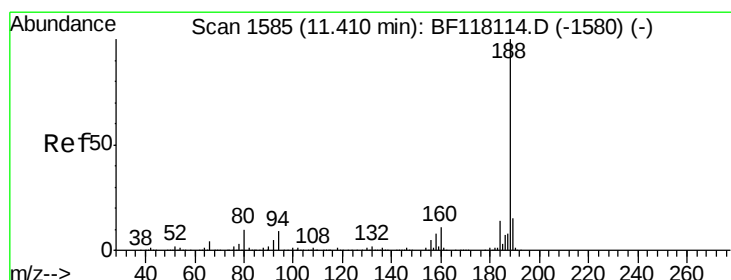
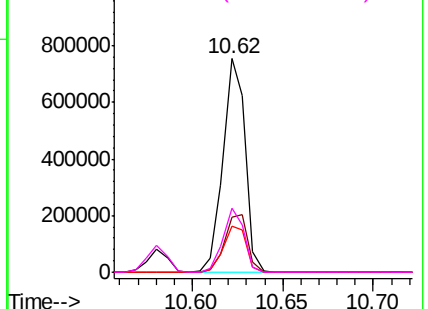


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

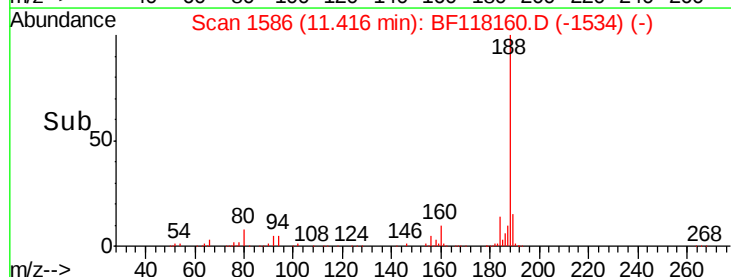
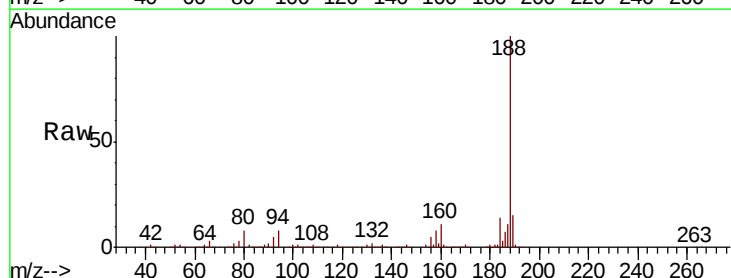
Tgt Ion: 188 Resp: 489179

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

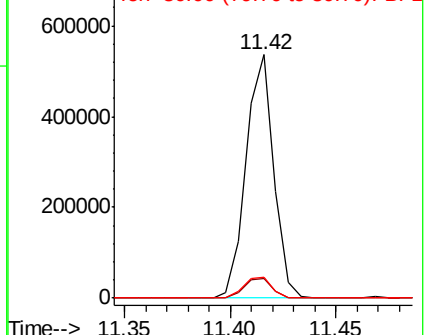
80 8.4 7.9 11.9

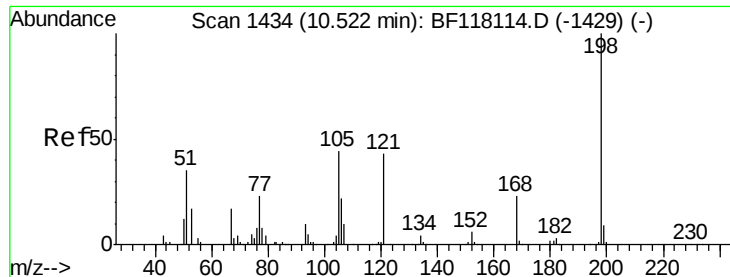


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 37.792 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

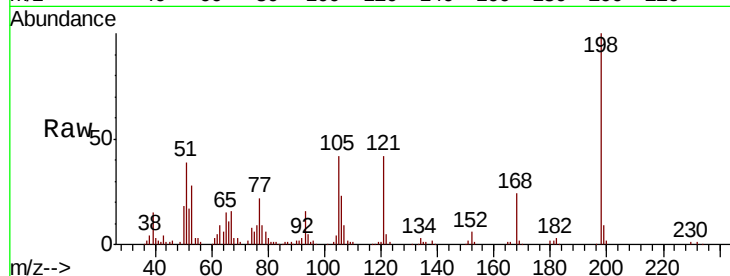
Tot Ion:198 Resp: 102095

Ion Ratio Lower Upper

198 100

51 38.6 22.0 62.0

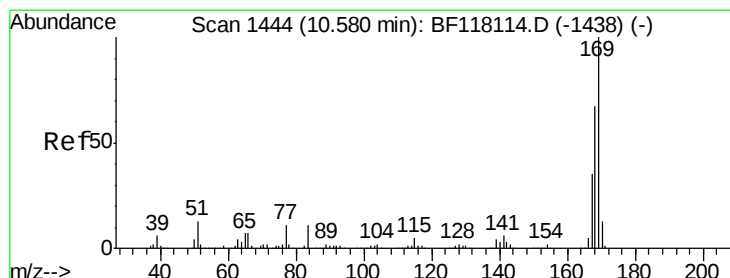
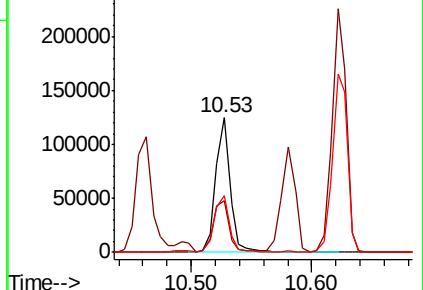
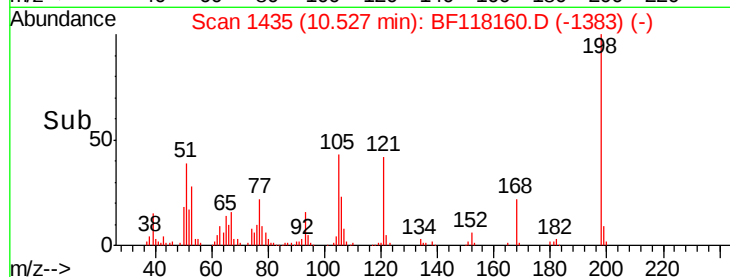
105 42.4 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.543 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

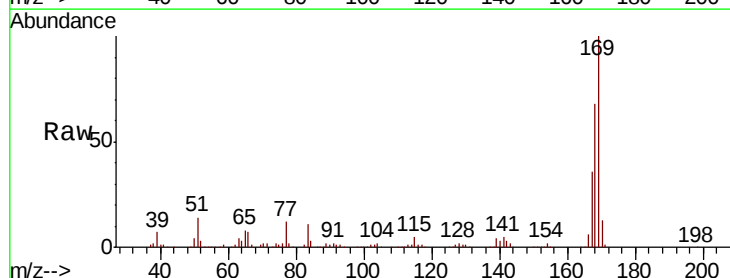
Tgt Ion:169 Resp: 604072

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.2

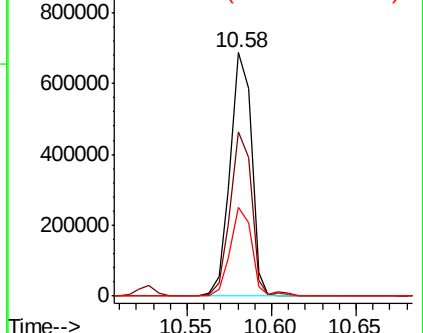
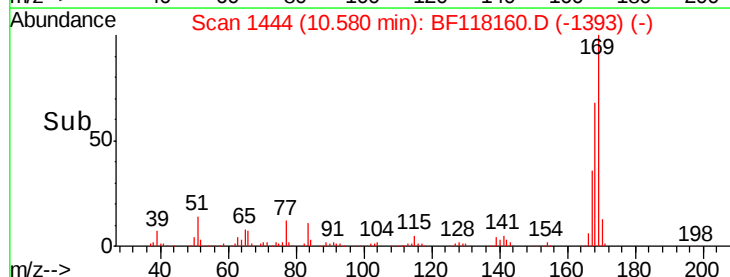
167 36.5 28.4 42.6

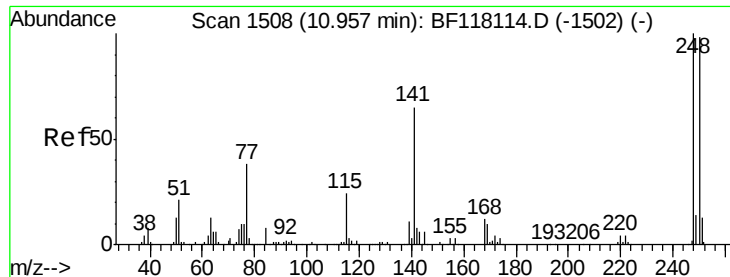


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

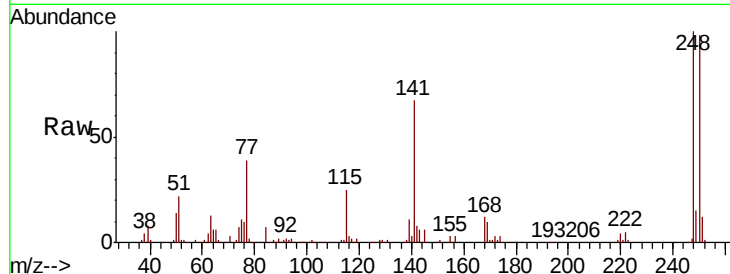




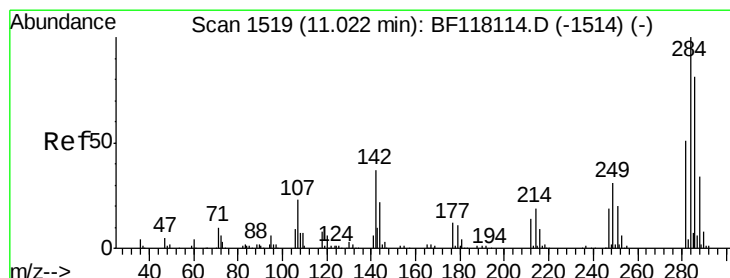
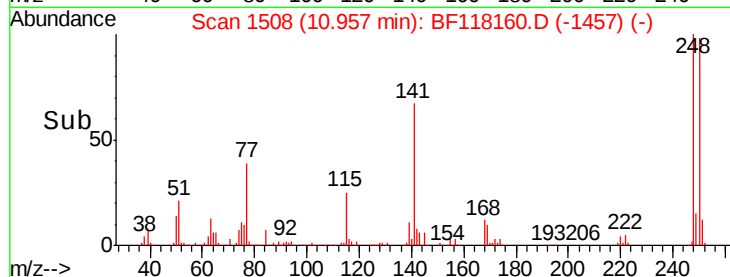
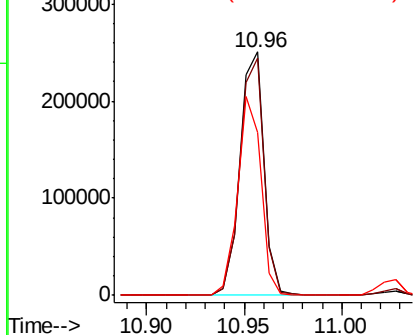
#67
4-Bromophenyl-phenylether
Concen: 38.292 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 213823
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 66.8 52.2 78.4

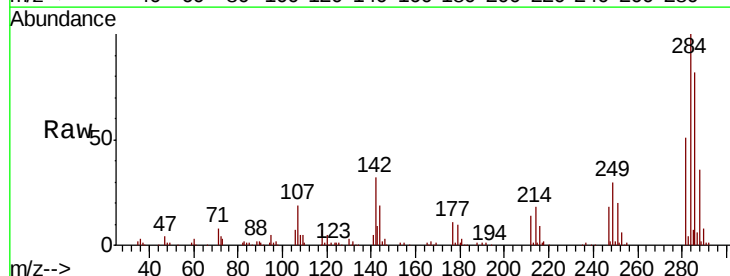


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

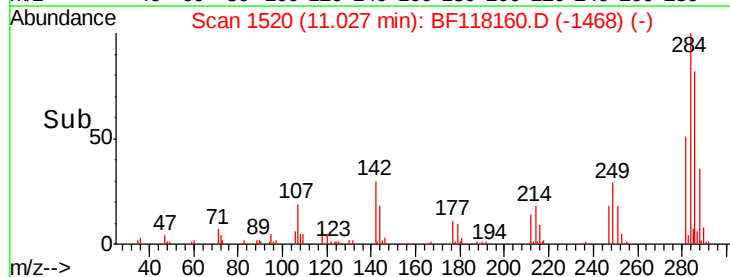
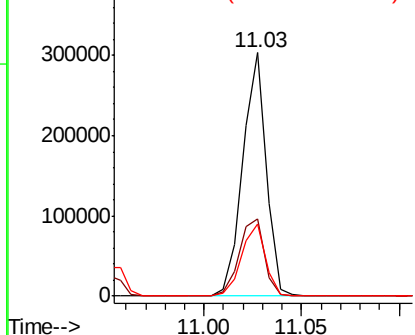


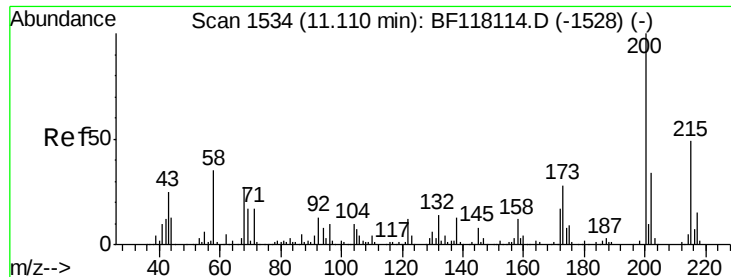
#68
Hexachlorobenzene
Concen: 38.444 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:284 Resp: 252677
Ion Ratio Lower Upper
284 100
142 31.9 29.7 44.5
249 29.7 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

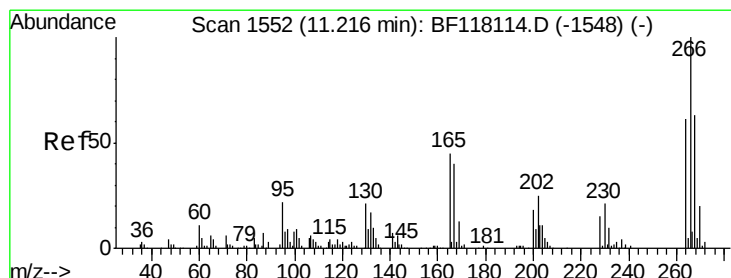
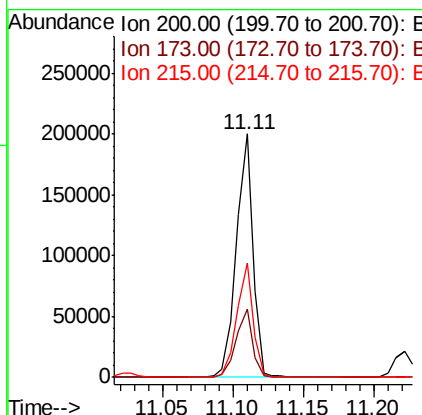
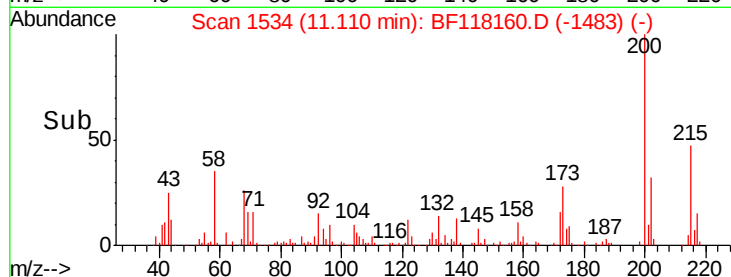
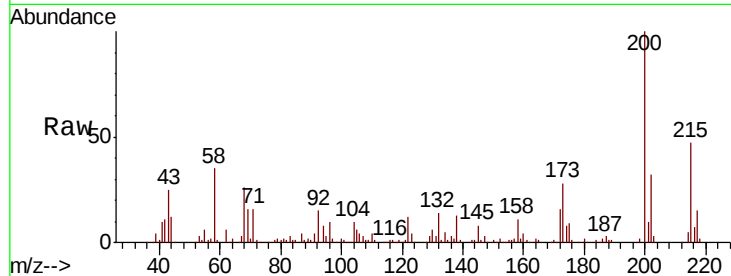




#69
Atrazine
Concen: 38.752 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

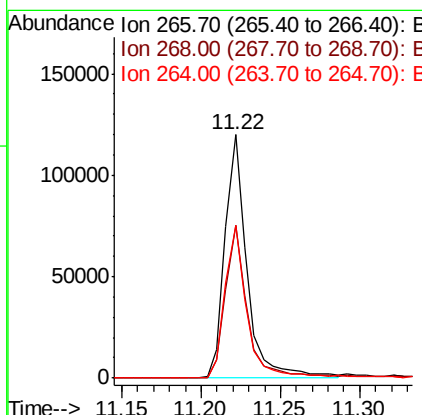
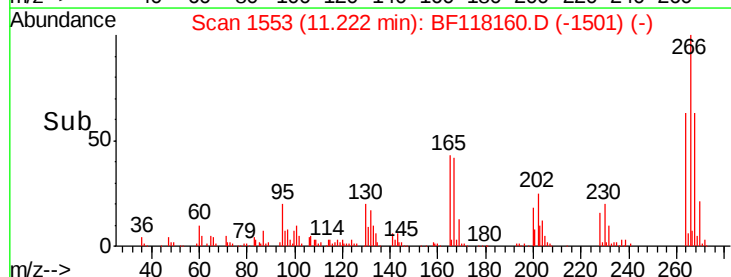
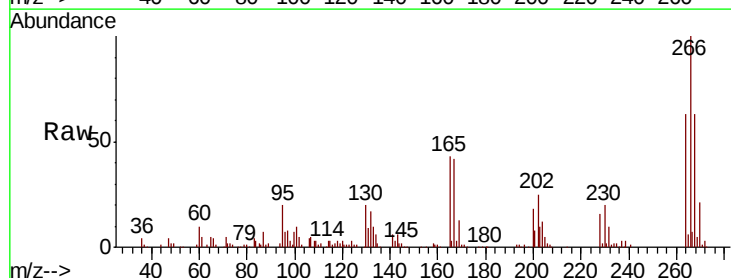
Instrument :
BNA_F
ClientSampled :

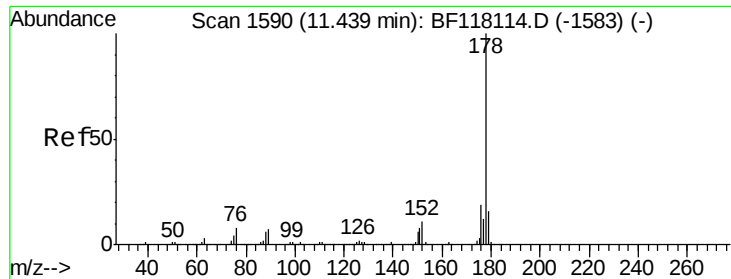
Tot Ion:200 Resp: 165539
Ion Ratio Lower Upper
200 100
173 28.1 8.1 48.1
215 47.0 29.0 69.0



#70
Pentachlorophenol
Concen: 37.584 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:266 Resp: 116167
Ion Ratio Lower Upper
266 100
268 62.6 50.7 76.1
264 62.9 48.7 73.1





#71

Phenanthrene

Concen: 39.488 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

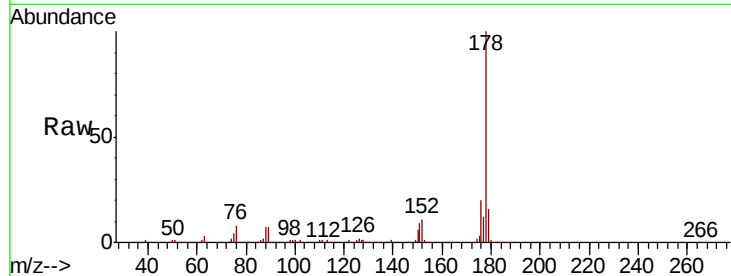
Tot Ion:178 Resp: 1026842

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

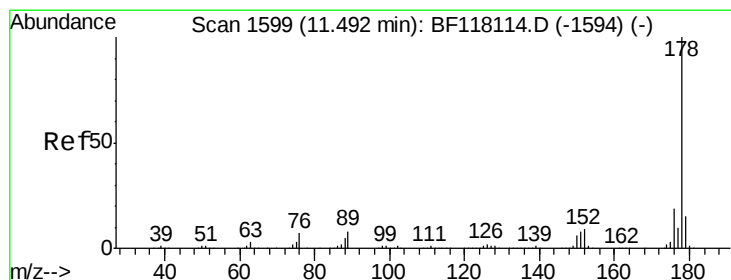
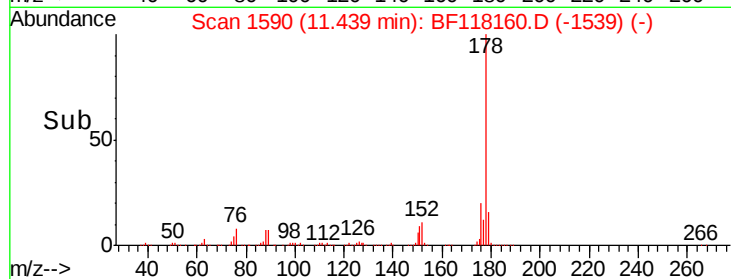
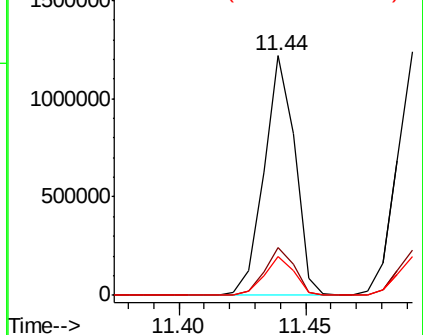
179 16.0 12.6 18.8



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: 40.012 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

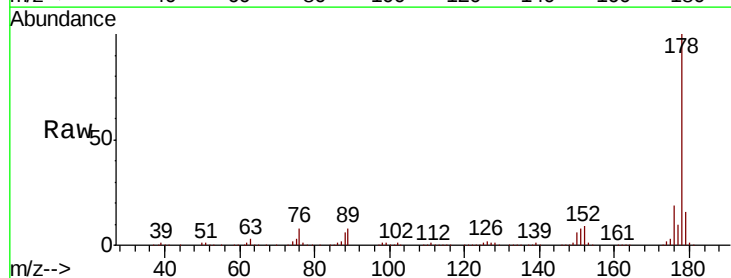
Tgt Ion:178 Resp: 1037966

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

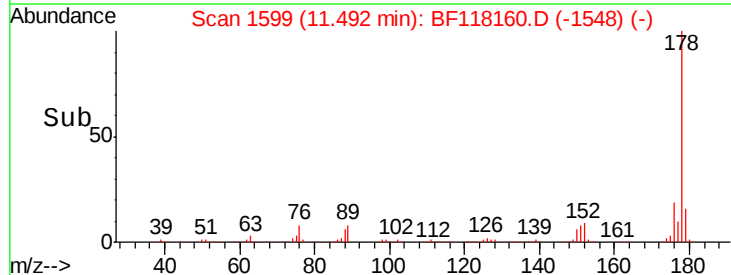
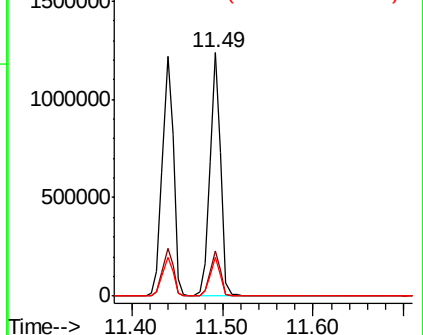
179 15.9 12.2 18.4



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

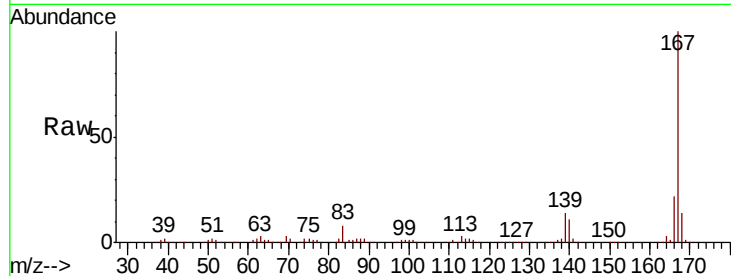




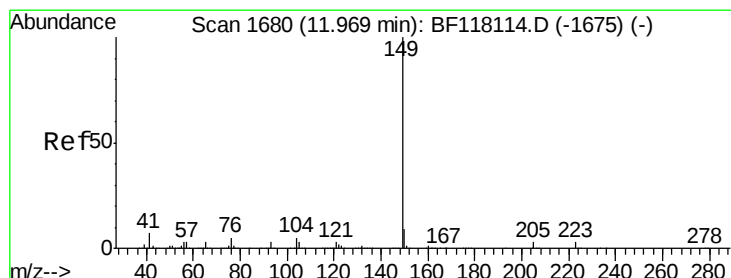
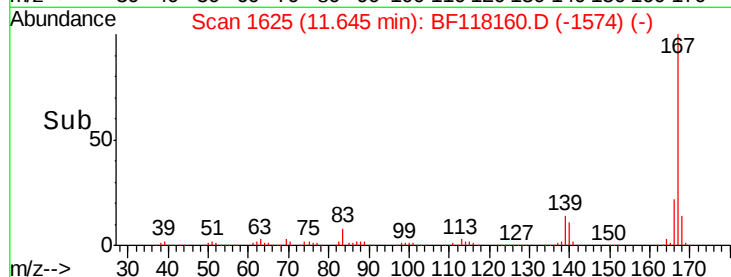
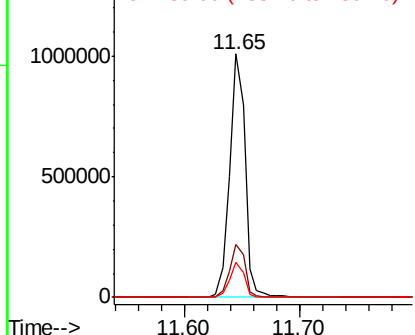
#73
 Carbazole
 Concen: 40.113 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 933632
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.4 11.4 17.0

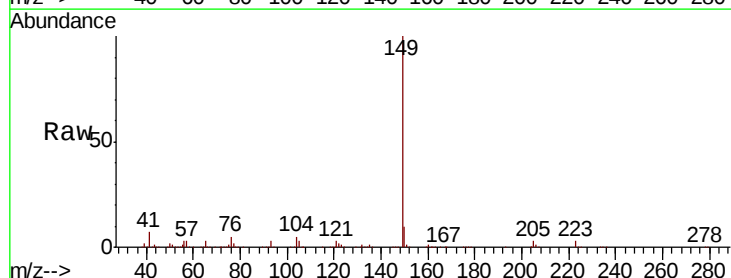


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

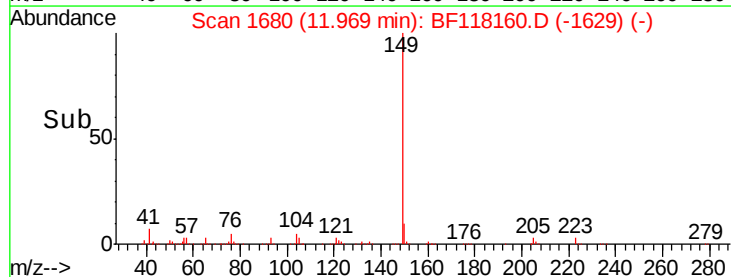
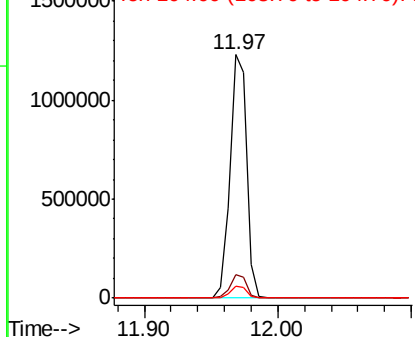


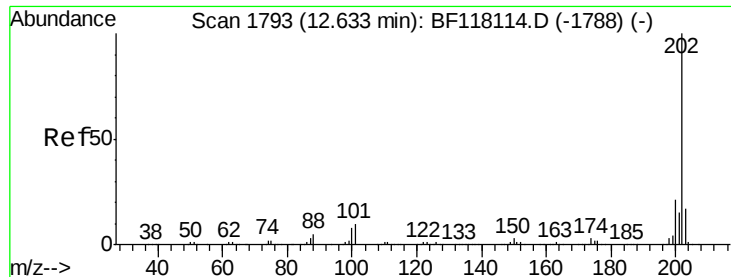
#74
 Di-n-butylphthalate
 Concen: 37.251 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion:149 Resp: 1085067
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 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

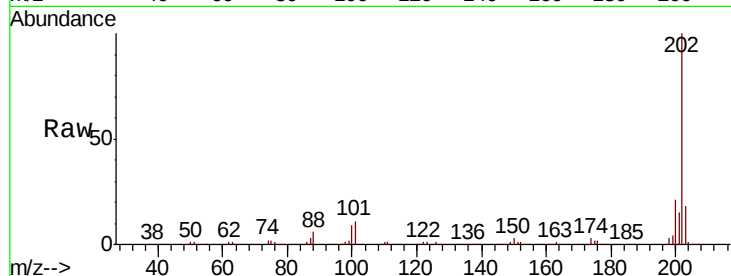




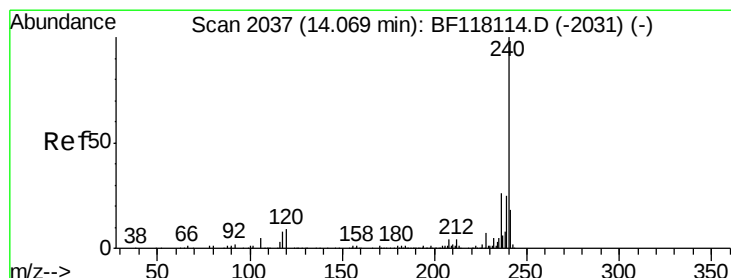
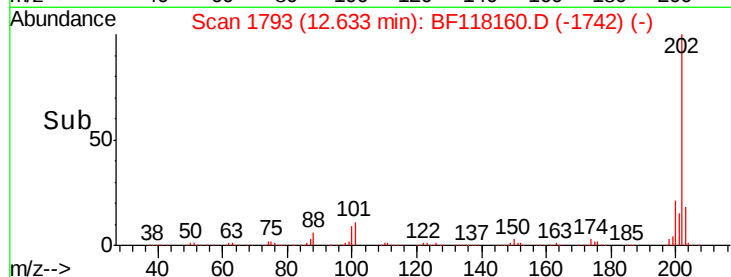
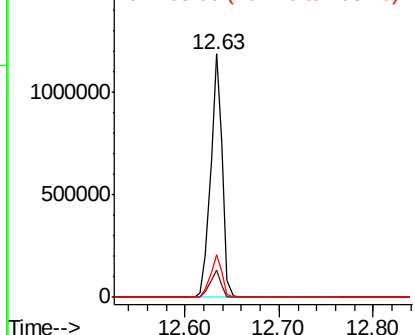
#75
 Fluoranthene
 Concen: 39.129 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1040313
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.4
 203 17.8 0.0 37.2

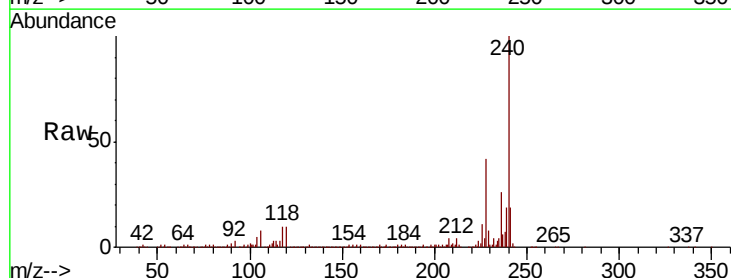


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

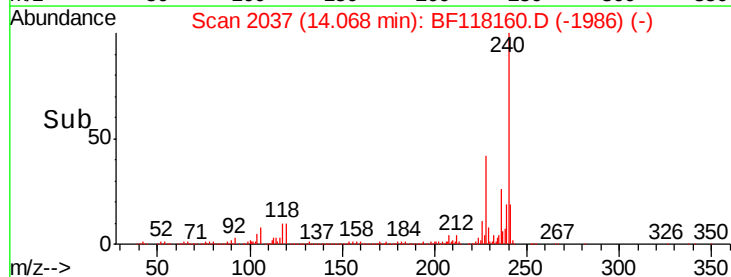
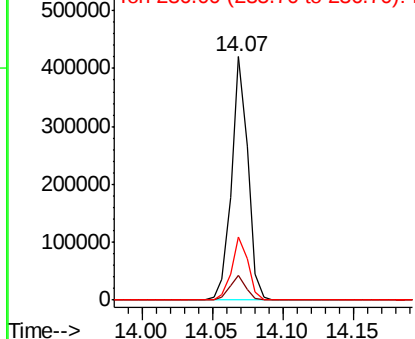


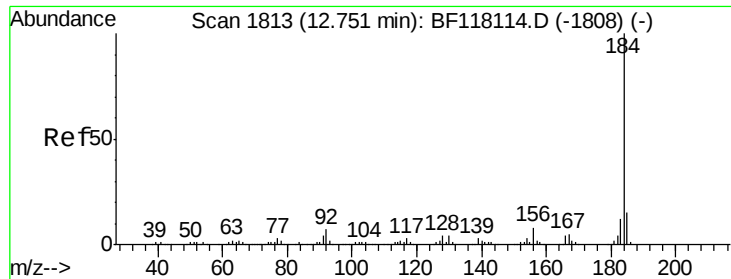
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF118160.D
 Acq: 10 Dec 2019 10:56

Tgt Ion:240 Resp: 339069
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.1 10.7
 236 25.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.161 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

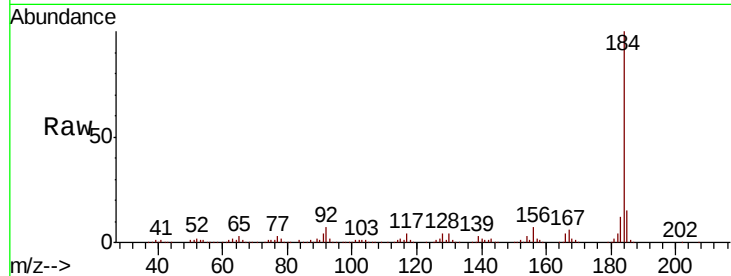
Tot Ion:184 Resp: 438814

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

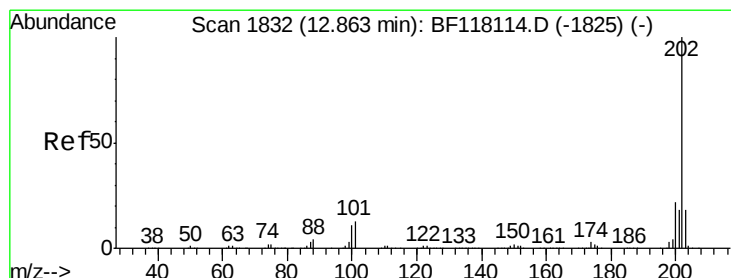
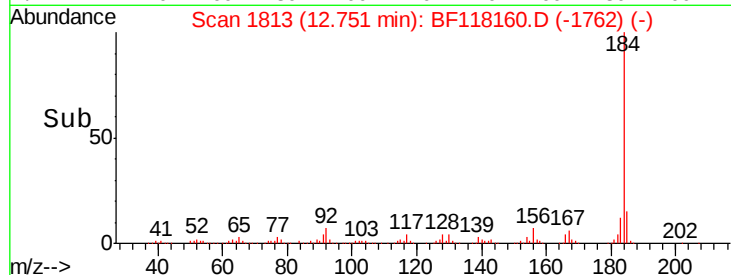
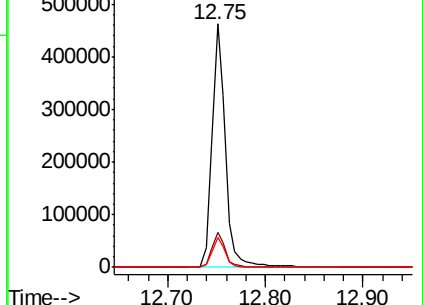
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.298 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

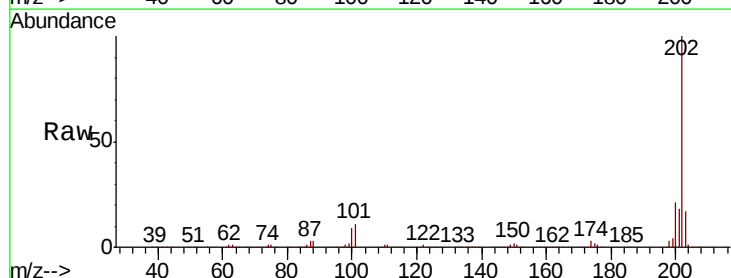
Tgt Ion:202 Resp: 1050042

Ion Ratio Lower Upper

202 100

200 20.6 17.5 26.3

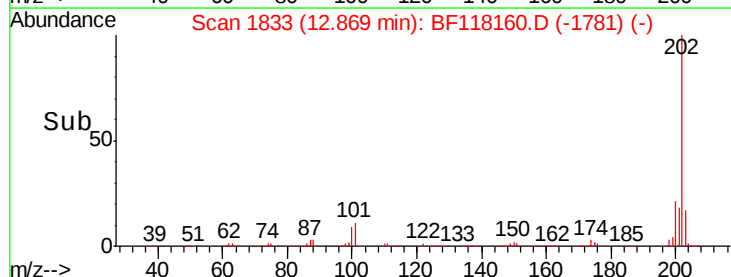
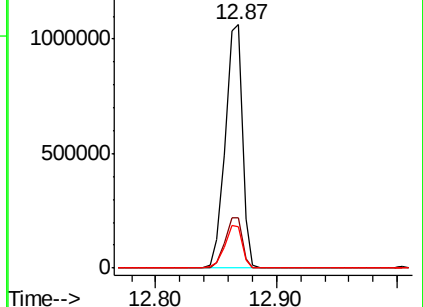
203 17.1 14.6 21.8

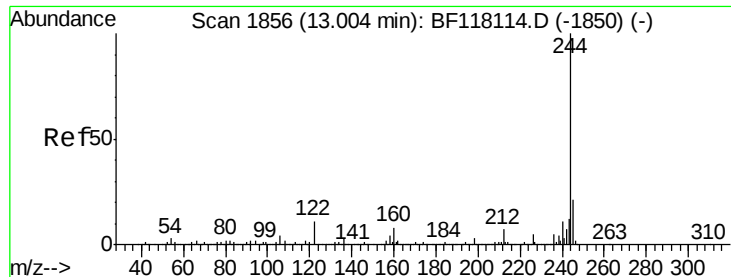


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.157 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

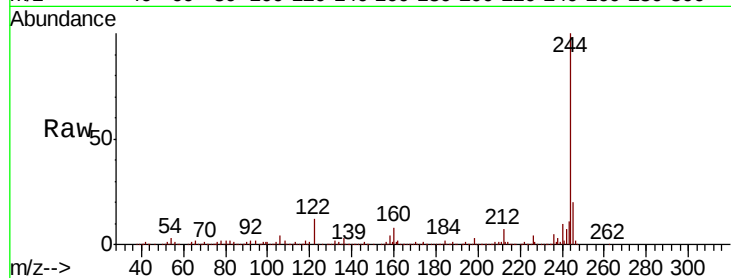
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1521352

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.9	9.0	13.6

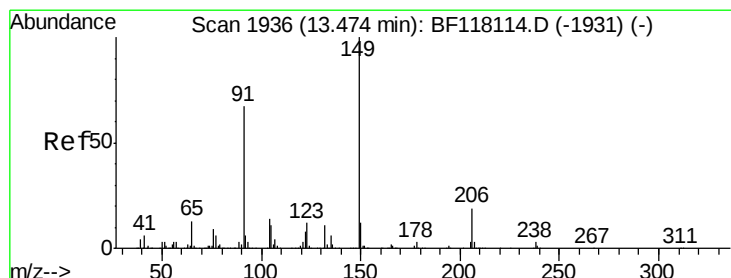
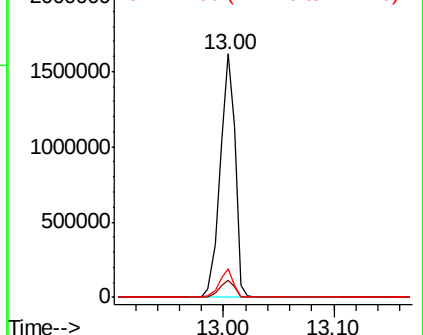
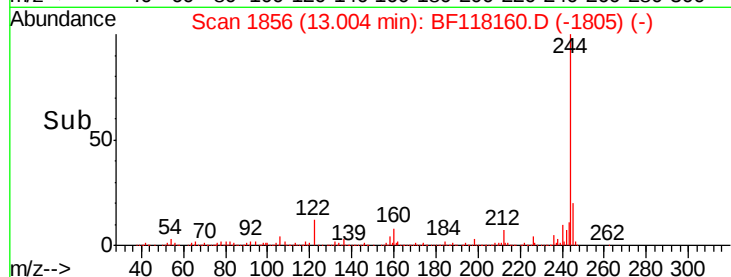


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.889 ng

RT: 13.47 min Scan# 1936

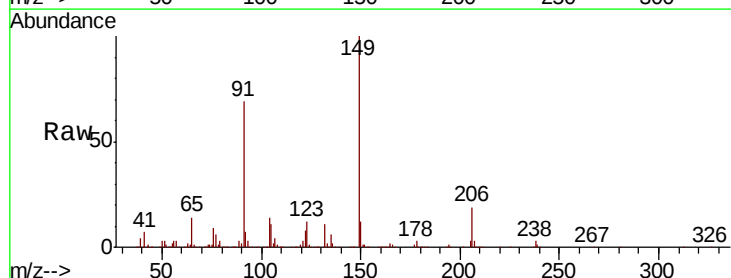
Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Tgt Ion:149 Resp: 446395

Ion	Ratio	Lower	Upper
149	100		
91	68.5	53.9	80.9
206	19.3	15.2	22.8

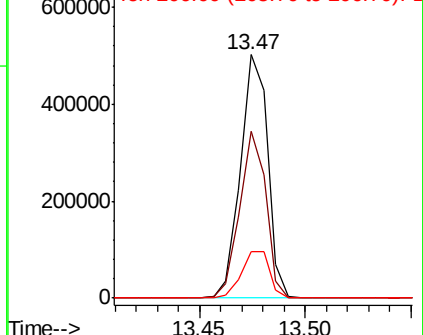
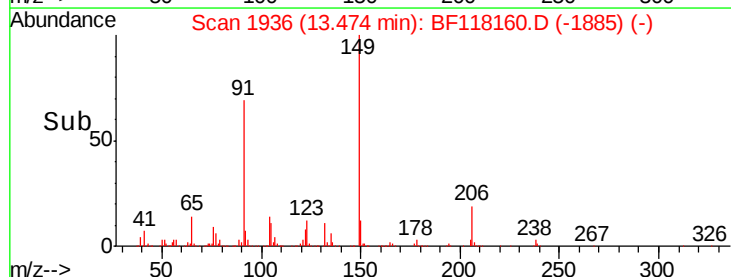


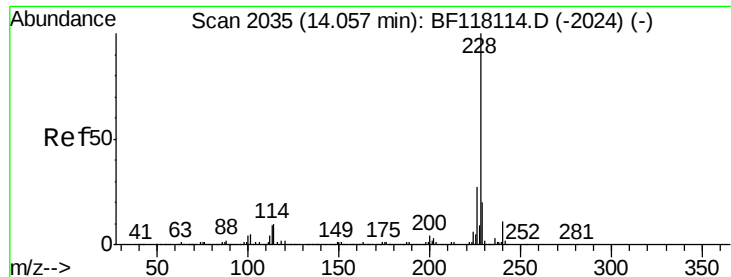
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.401 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampled :

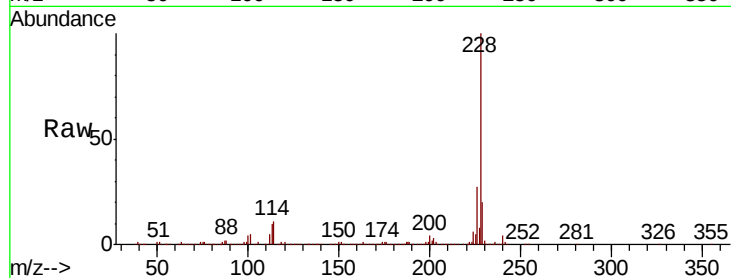
Tot Ion:228 Resp: 900338

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

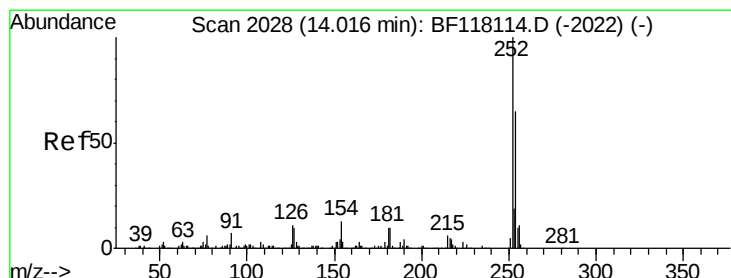
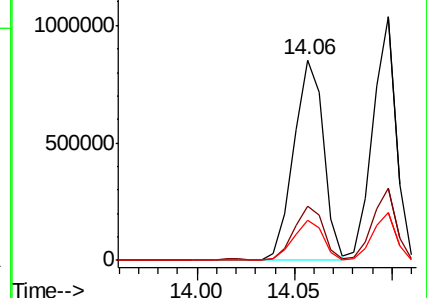
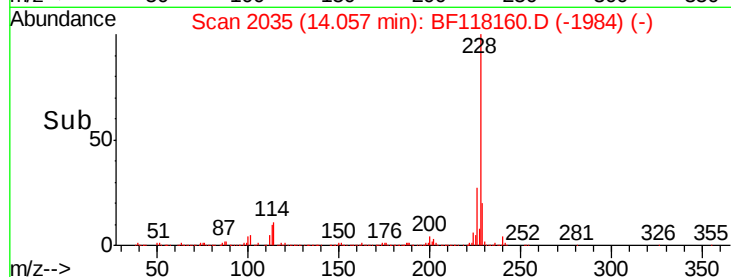
229 20.1 15.8 23.8



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: 39.219 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

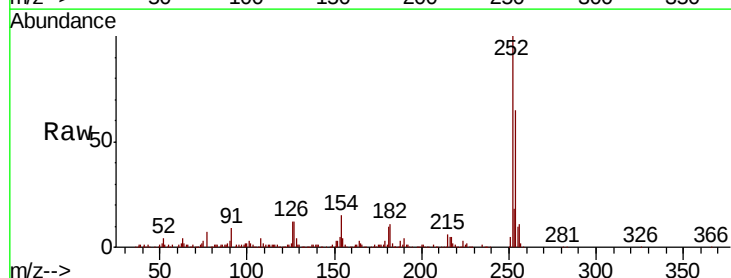
Tgt Ion:252 Resp: 301984

Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.4

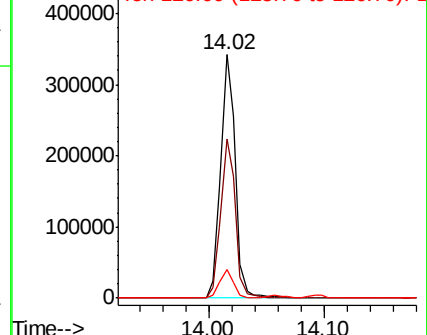
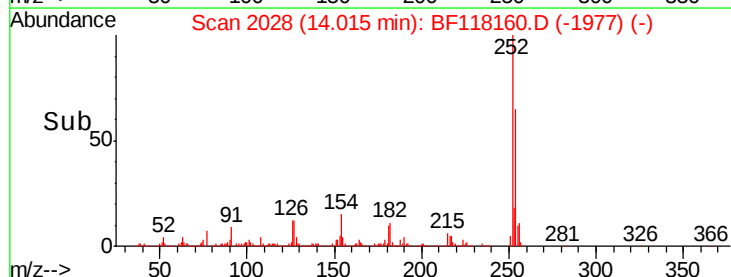
126 11.7 8.6 13.0

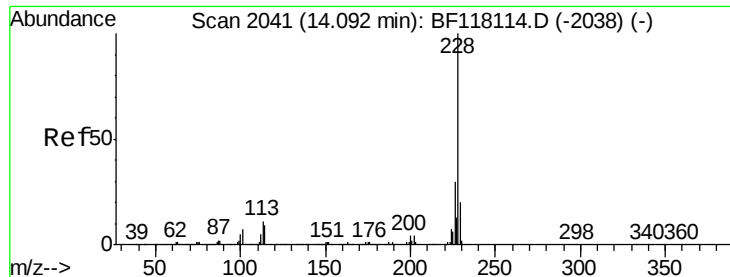


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.459 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

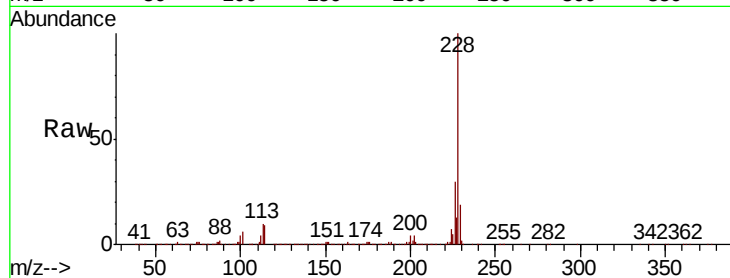
Tot Ion:228 Resp: 861329

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

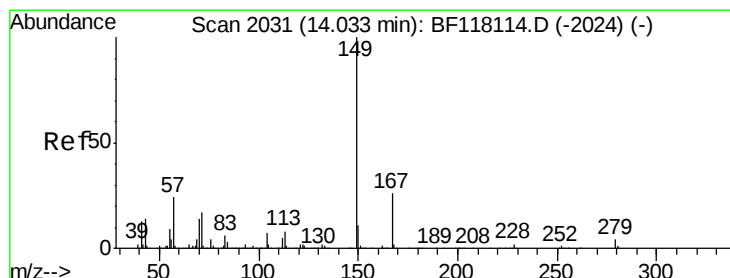
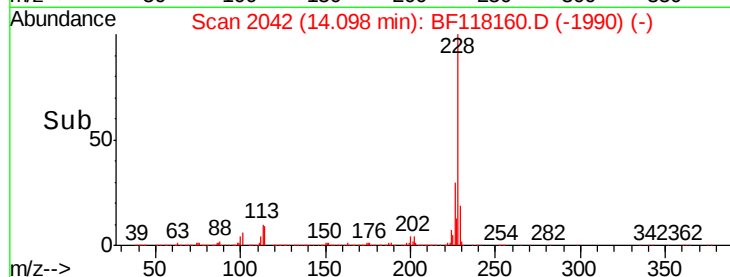
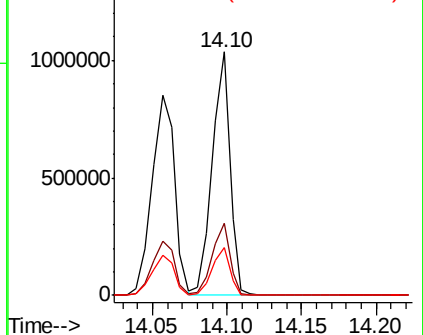
229 19.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.306 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

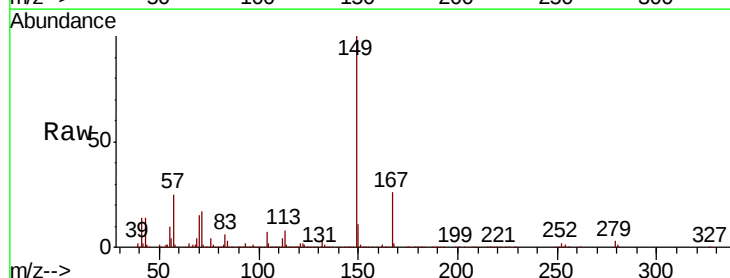
Tgt Ion:149 Resp: 547410

Ion Ratio Lower Upper

149 100

167 26.0 20.8 31.2

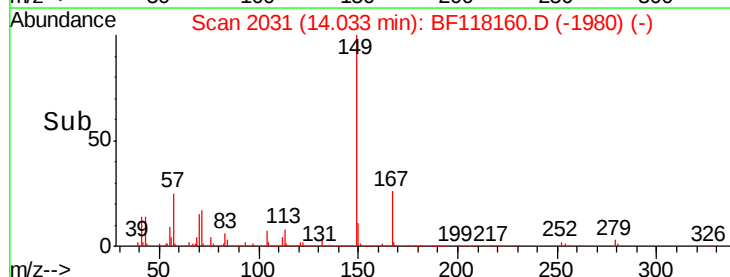
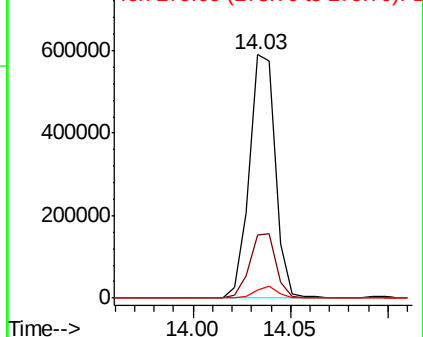
279 3.4 2.9 4.3

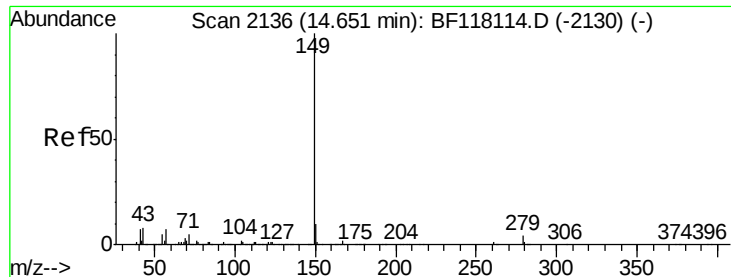


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.675 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

Instrument :

BNA_F

ClientSampleId :

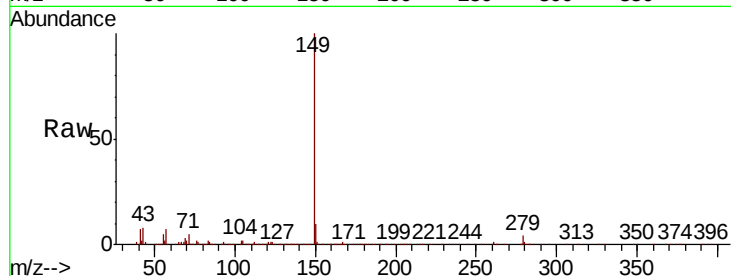
Tot Ion:149 Resp: 813970

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

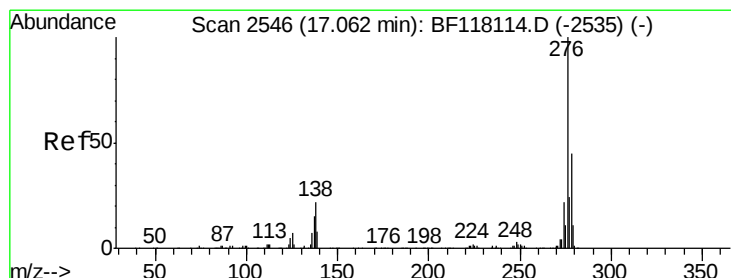
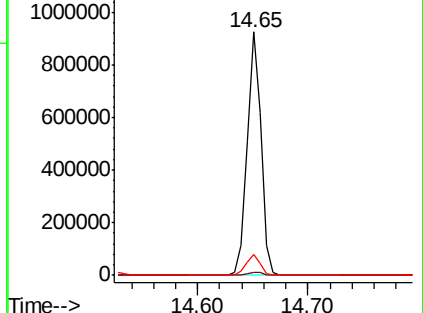
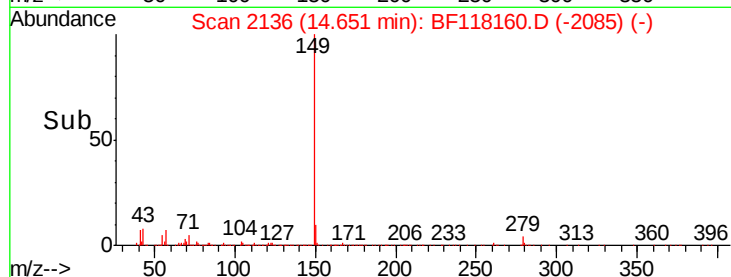
43 8.3 6.5 9.7



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.587 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF118160.D

Acq: 10 Dec 2019 10:56

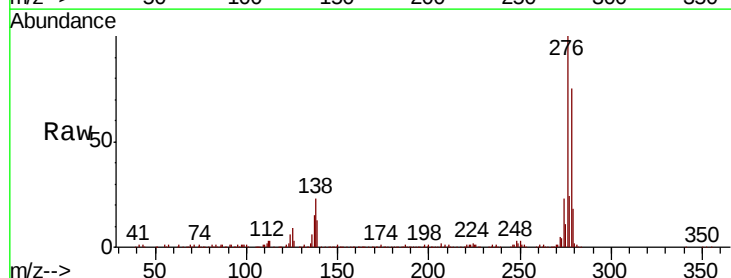
Tgt Ion:276 Resp: 689444

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

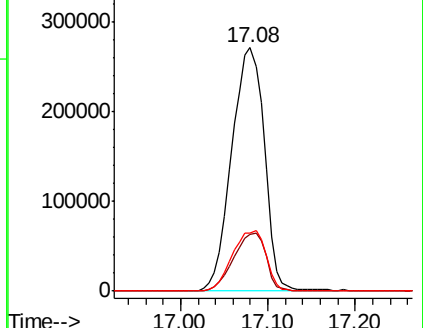
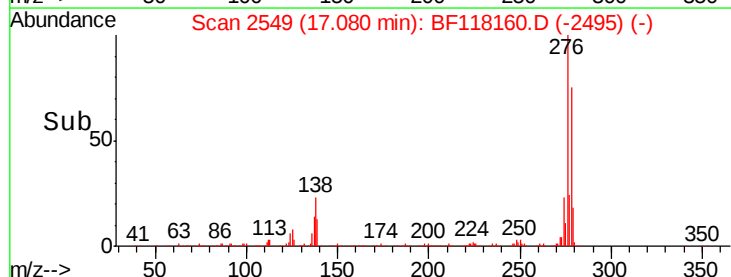
277 25.8 20.4 30.6

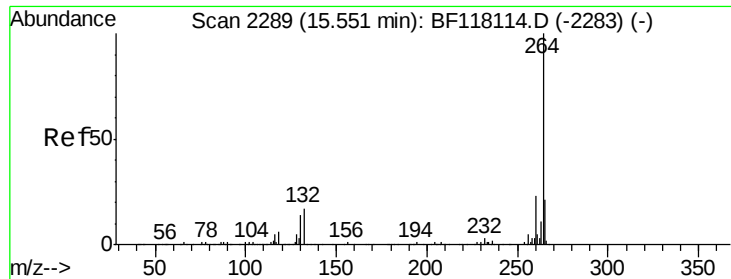


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

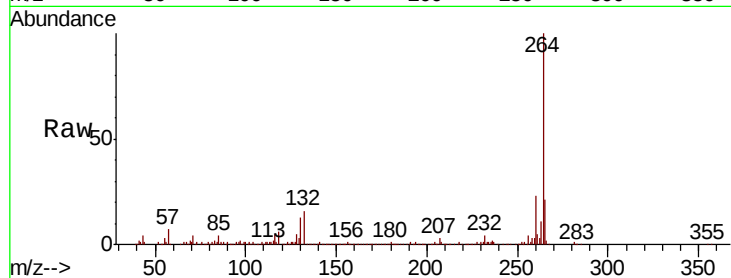




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.0	16.8	25.2

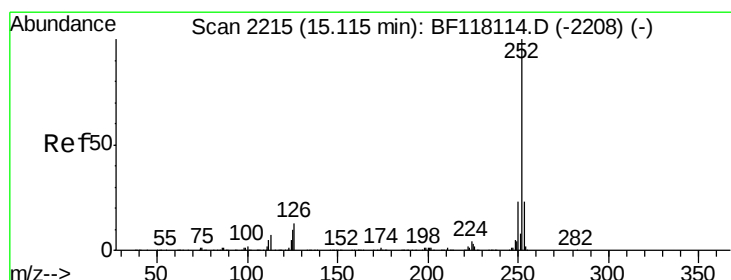
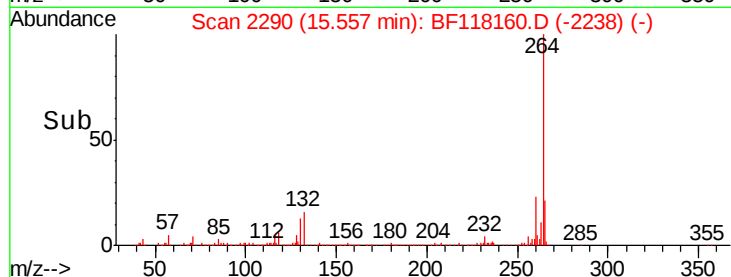
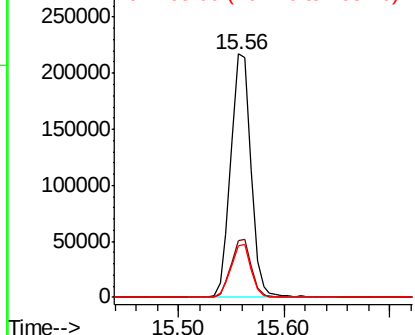


Abundance

Ion 264.00 (263.70 to 264.70): E

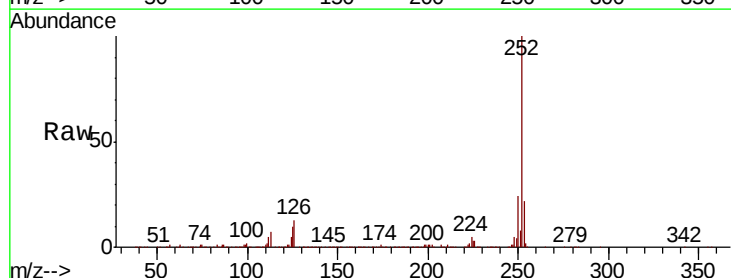
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.541 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.8	8.3	12.5

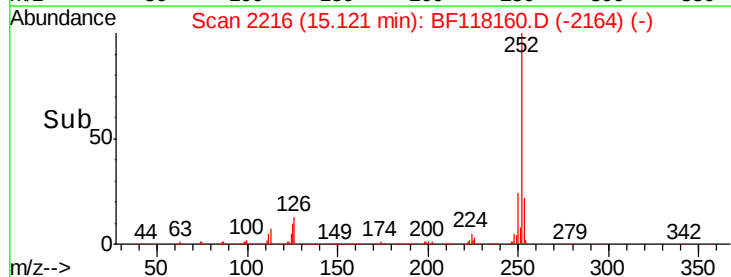
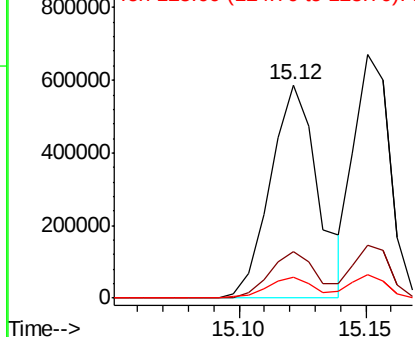


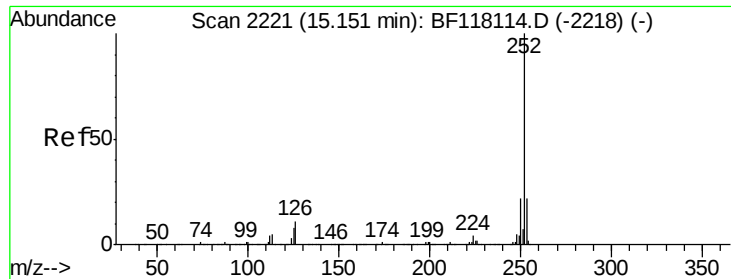
Abundance

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

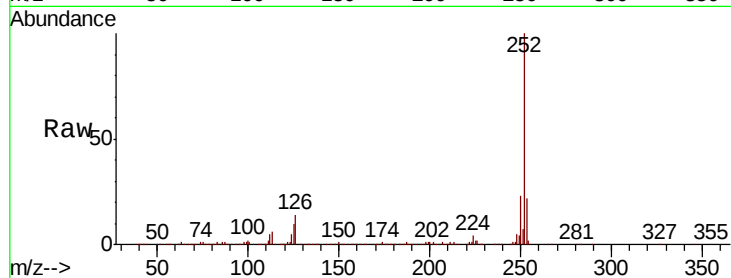




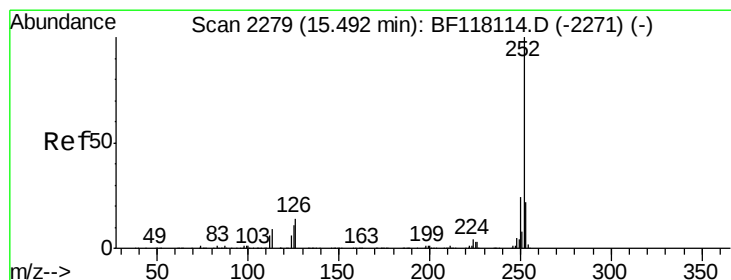
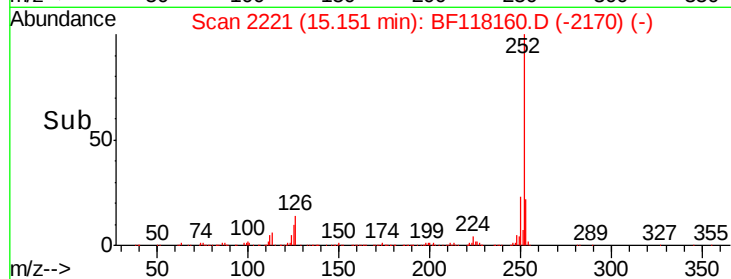
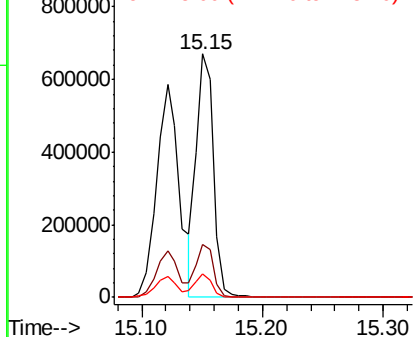
#89
Benzo(k)fluoranthene
Concen: 36.618 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 665717
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.7 6.7 10.1

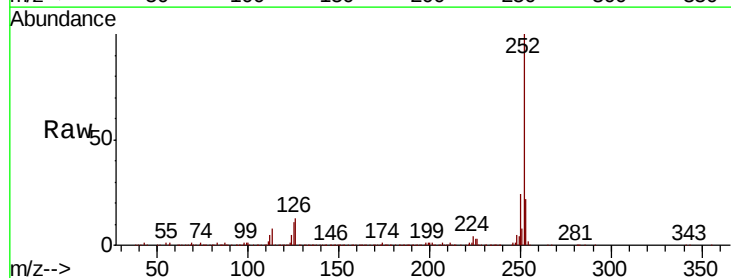


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

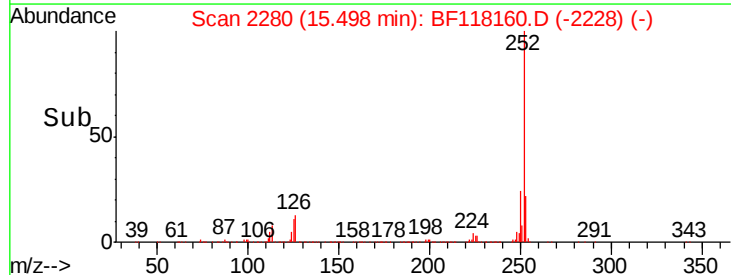
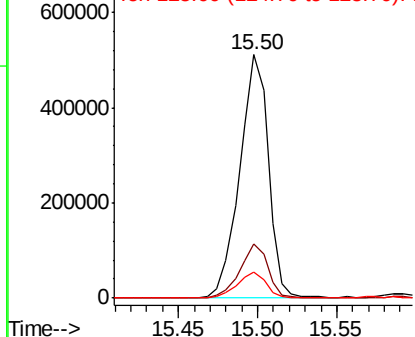


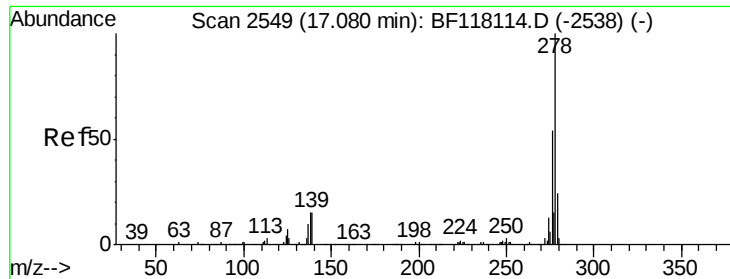
#90
Benzo(a)pyrene
Concen: 38.407 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion:252 Resp: 641921
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.7 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

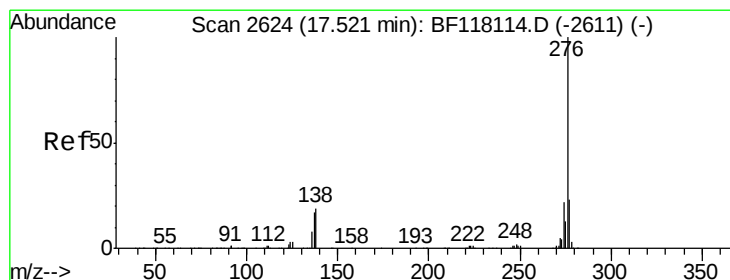
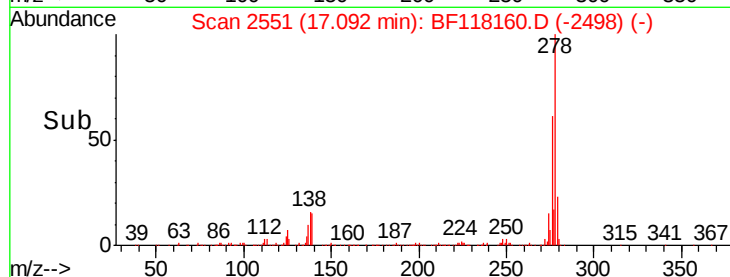
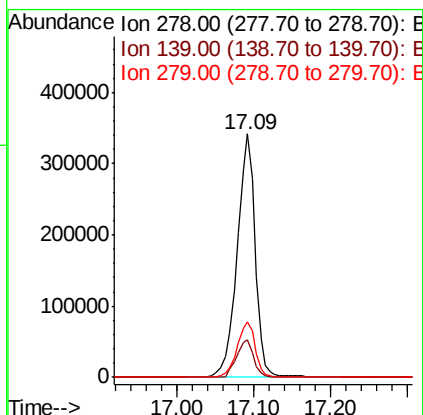
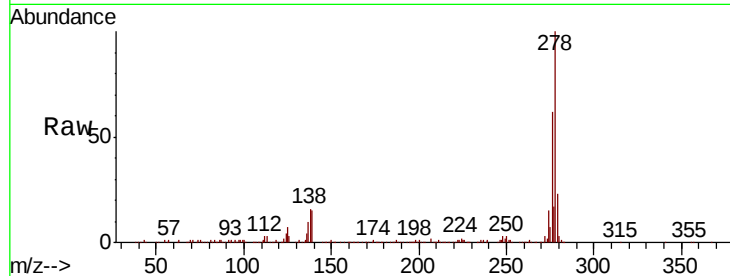




#91
Dibenzo(a,h)anthracene
Concen: 39.343 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	23.0	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.802 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118160.D
Acq: 10 Dec 2019 10:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.4
138	19.9	15.5	23.3

