

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118119.D
 Acq On : 6 Dec 2019 17:43
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 18:10:45 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	144431	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	555337	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	296860	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	554395	20.00	ng	0.00
76) Chrysene-d12	14.07	240	411565	20.00	ng	0.00
87) Perylene-d12	15.56	264	379715	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	656235	79.58	ng	0.00
7) Phenol-d6	6.50	99	788481	79.05	ng	0.00
23) Nitrobenzene-d5	7.44	82	765940	77.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274877	76.22	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1510674	77.43	ng	0.00
79) Terphenyl-d14	13.00	244	1787577	74.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	134225	38.603	ng	99
3) Pyridine	3.39	79	359525	40.077	ng	99
4) n-Nitrosodimethylamine	3.34	42	153729	39.835	ng	98
6) Aniline	6.53	93	517177	40.535	ng	99
8) 2-Chlorophenol	6.66	128	368167	39.595	ng	98
9) Benzaldehyde	6.42	77	209658	40.676	ng	95
10) Phenol	6.52	94	456050	40.093	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	322888	39.248	ng	98
12) 1,3-Dichlorobenzene	6.82	146	429294	39.522	ng	97
13) 1,4-Dichlorobenzene	6.89	146	434106	39.689	ng	97
14) 1,2-Dichlorobenzene	7.05	146	406303	39.556	ng	99
15) Benzyl Alcohol	7.02	79	311899	40.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	397464	40.182	ng	99
17) 2-Methylphenol	7.13	107	294601	39.835	ng	98
18) Hexachloroethane	7.39	117	159464	39.566	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	239207	39.468	ng	99
20) 3+4-Methylphenols	7.28	107	378635	40.760	ng	# 88
22) Acetophenone	7.29	105	521536	39.090	ng	# 93
24) Nitrobenzene	7.46	77	376342	38.804	ng	97
25) Isophorone	7.70	82	639524	38.217	ng	99
26) 2-Nitrophenol	7.77	139	203232	39.206	ng	97
27) 2,4-Dimethylphenol	7.81	122	267621	38.704	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	421102	38.511	ng	99
29) 2,4-Dichlorophenol	8.02	162	315422	39.131	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	365990	38.851	ng	98
31) Naphthalene	8.19	128	1089713	39.071	ng	99
32) Benzoic acid	7.94	122	246482	39.481	ng	97
33) 4-Chloroaniline	8.23	127	467465	38.817	ng	97
34) Hexachlorobutadiene	8.30	225	220603	39.053	ng	99
35) Caprolactam	8.60	113	97619	39.270	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	326419	38.480	ng	95
37) 2-Methylnaphthalene	8.87	142	733219	38.832	ng	99
38) 1-Methylnaphthalene	8.97	142	697483	39.341	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	345180	38.383	ng	99

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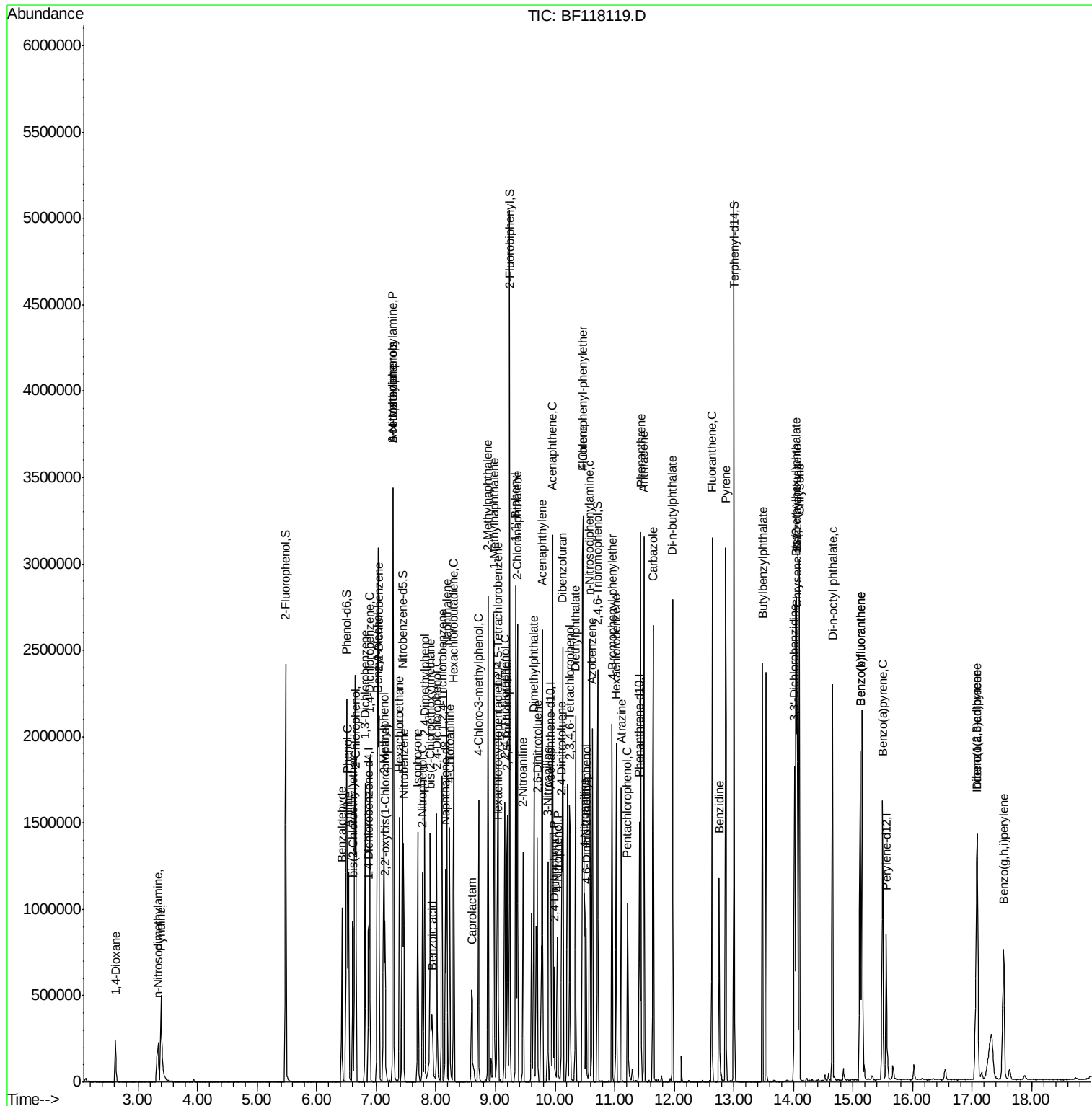
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	152431	37.831	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	230890	38.453	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	240475	38.656	ng	95
46) 1,1'-Biphenyl	9.34	154	903927	38.608	ng	100
47) 2-Chloronaphthalene	9.37	162	725322	38.512	ng	98
48) 2-Nitroaniline	9.46	65	210441	39.182	ng	97
49) Acenaphthylene	9.79	152	1089114	39.207	ng	99
50) Dimethylphthalate	9.65	163	833158	37.996	ng	99
51) 2,6-Dinitrotoluene	9.70	165	185099	38.821	ng	94
52) Acenaphthene	9.96	154	650403	38.361	ng	99
53) 3-Nitroaniline	9.88	138	217150	38.700	ng	95
54) 2,4-Dinitrophenol	9.99	184	92859	39.146	ng	92
55) Dibenzofuran	10.13	168	962409	38.739	ng	99
56) 4-Nitrophenol	10.04	139	155119	39.834	ng	92
57) 2,4-Dinitrotoluene	10.12	165	247870	38.949	ng	# 92
58) Fluorene	10.47	166	763249	38.659	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	198905	38.756	ng	98
60) Diethylphthalate	10.35	149	842092	38.979	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	379821	38.235	ng	95
62) 4-Nitroaniline	10.49	138	230739	39.428	ng	98
63) Azobenzene	10.63	77	713024	38.662	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	120144	39.241	ng	85
66) n-Nitrosodiphenylamine	10.58	169	670338	38.719	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	243093	38.412	ng	94
68) Hexachlorobenzene	11.03	284	292253	39.235	ng	# 91
69) Atrazine	11.11	200	189569	39.323	ng	98
70) Pentachlorophenol	11.22	266	137923	39.373	ng	97
71) Phenanthrene	11.44	178	1155766	39.217	ng	100
72) Anthracene	11.49	178	1144116	38.916	ng	99
73) Carbazole	11.65	167	1026644	38.921	ng	100
74) Di-n-butylphthalate	11.97	149	1276889	38.679	ng	99
75) Fluoranthene	12.63	202	1174732	38.987	ng	98
77) Benzidine	12.75	184	423308	39.070	ng	98
78) Pyrene	12.86	202	1198759	36.961	ng	100
80) Butylbenzylphthalate	13.48	149	543698	37.015	ng	96
81) Benzo(a)anthracene	14.06	228	1087986	38.231	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	353336	37.805	ng	99
83) Chrysene	14.10	228	1039963	38.256	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	738089	38.108	ng	99
85) Di-n-octyl phthalate	14.66	149	1173471	39.996	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	834255	36.473	ng	100
88) Benzo(b)fluoranthene	15.12	252	958264	38.158	ng	98
89) Benzo(k)fluoranthene	15.12	252	958264	39.720	ng	99
90) Benzo(a)pyrene	15.50	252	855495	38.571	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	691133	36.330	ng	99
92) Benzo(g,h,i)perylene	17.53	276	651596	35.644	ng	99

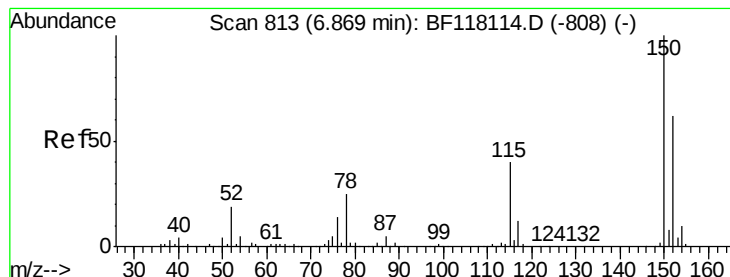
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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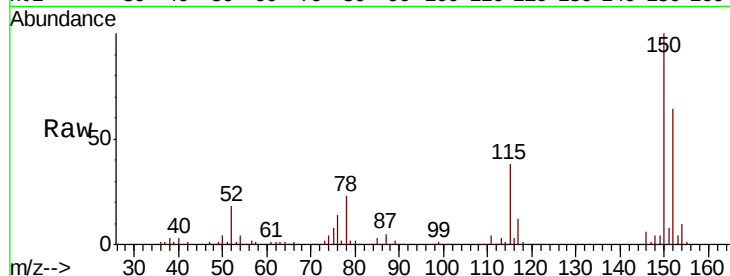




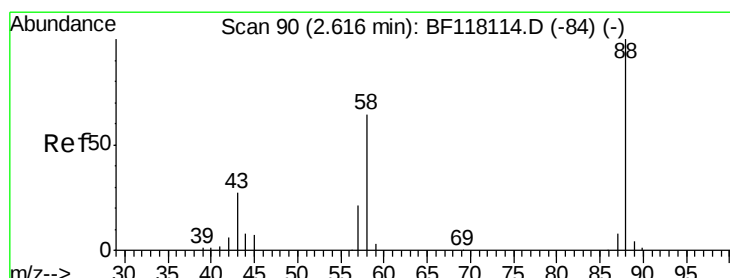
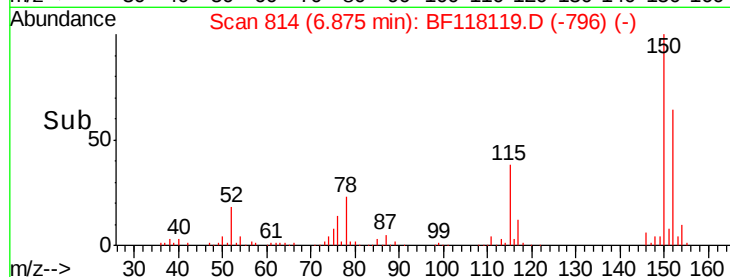
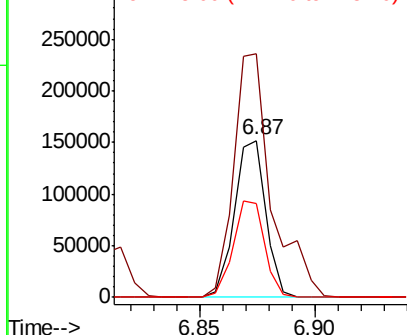
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 144431
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.3 192.5
 115 59.7 51.1 76.7

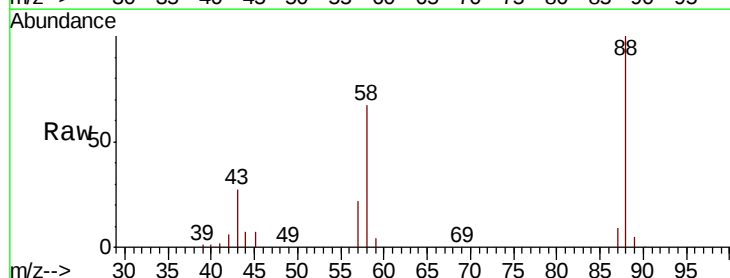


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

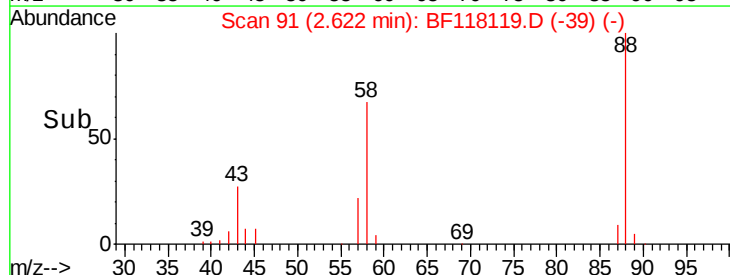
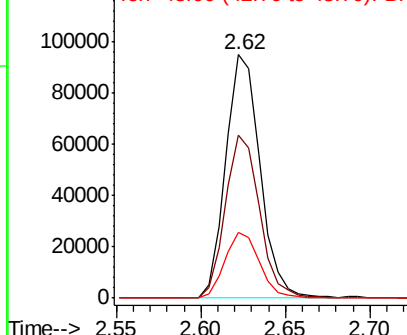


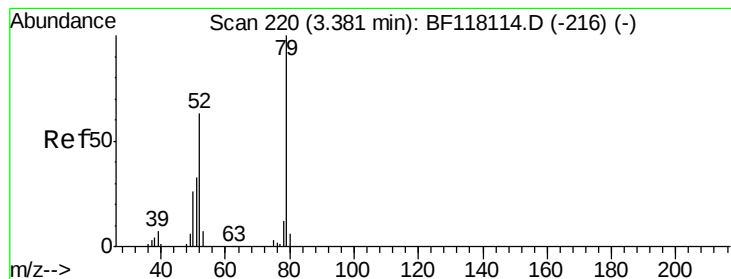
#2
 1,4-Dioxane
 Concen: 38.603 ng
 RT: 2.62 min Scan# 91
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion: 88 Resp: 134225
 Ion Ratio Lower Upper
 88 100
 58 66.6 52.2 78.4
 43 27.1 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: 40.077 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

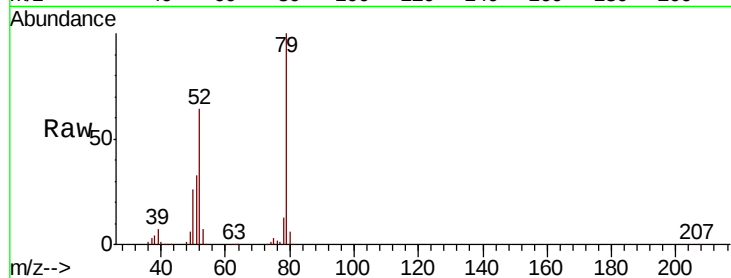
Tot Ion: 79 Resp: 359525

Ion Ratio Lower Upper

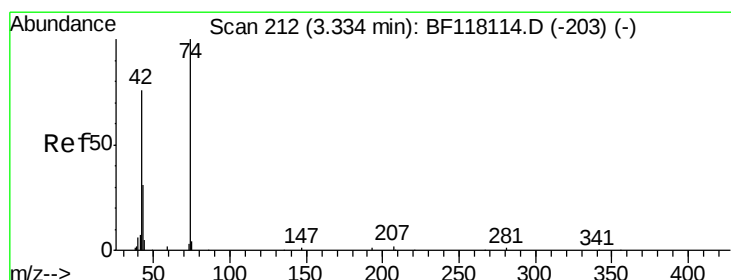
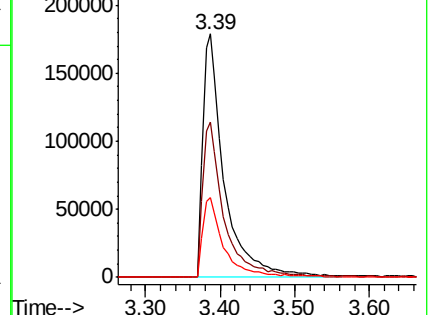
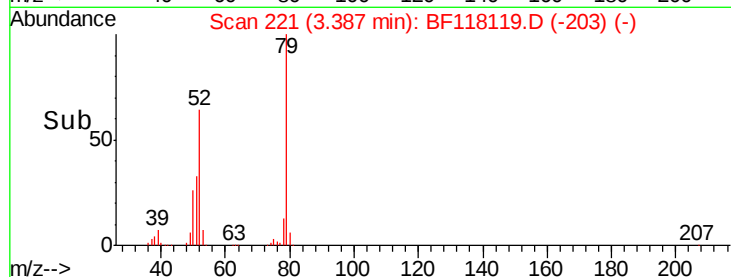
79 100

52 64.0 50.7 76.1

51 32.8 26.4 39.6



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



#4

n-Nitrosodimethylamine

Concen: 39.835 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

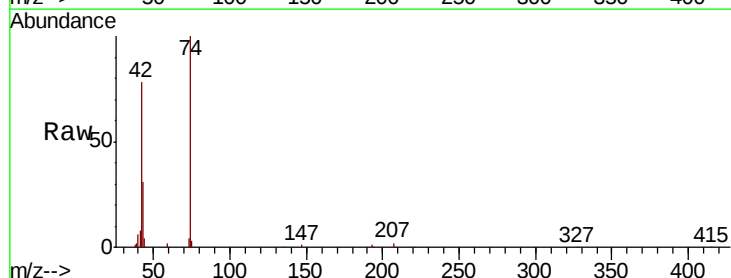
Tgt Ion: 42 Resp: 153729

Ion Ratio Lower Upper

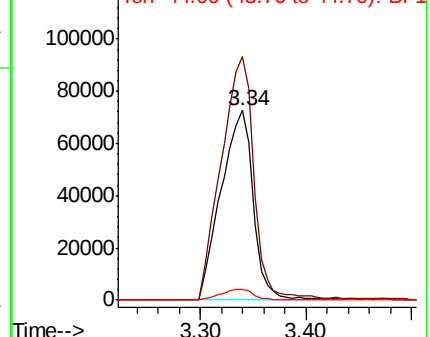
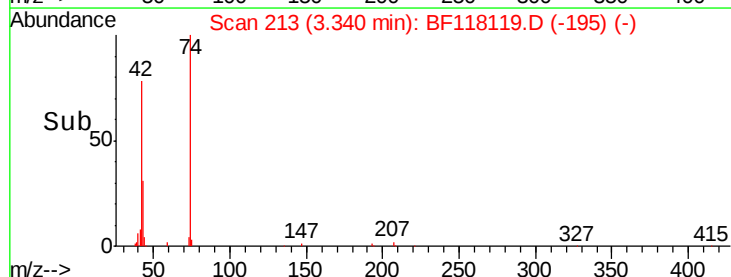
42 100

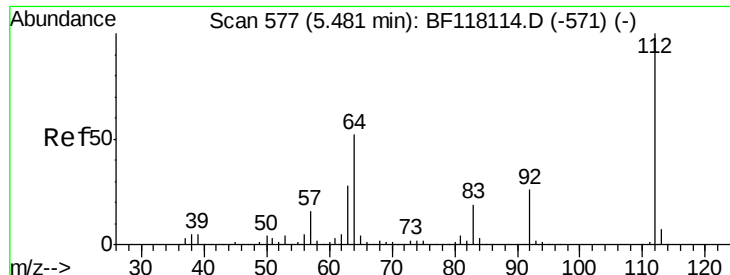
74 128.5 104.6 157.0

44 5.7 5.1 7.7



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





#5

2-Fluorophenol

Concen: 79.579 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampled :

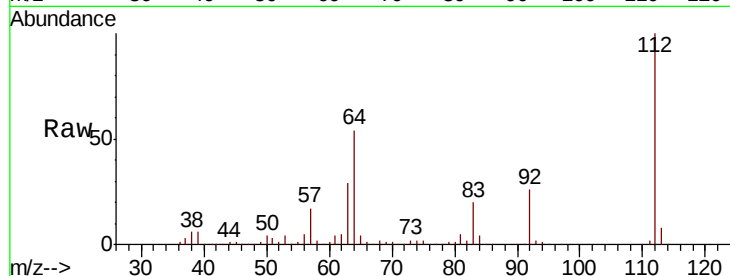
Tot Ion: 112 Resp: 656235

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

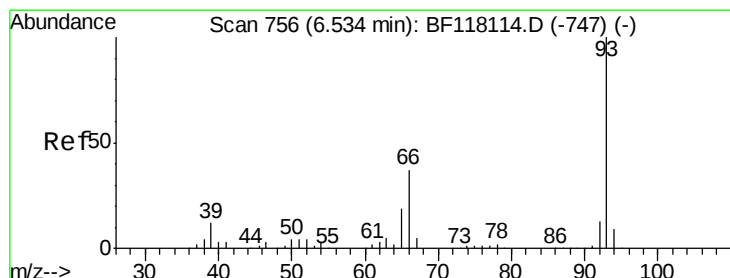
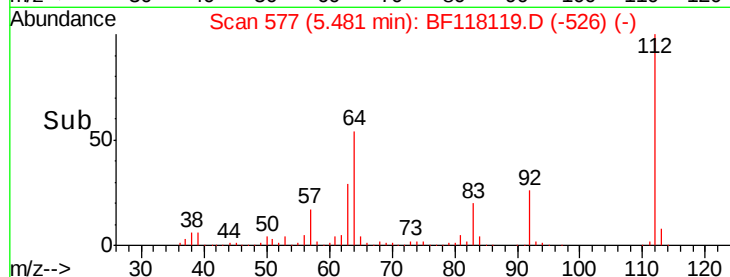
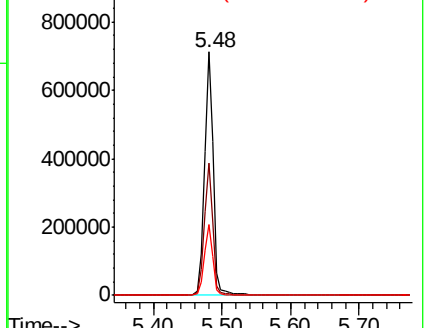
63 29.3 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.535 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

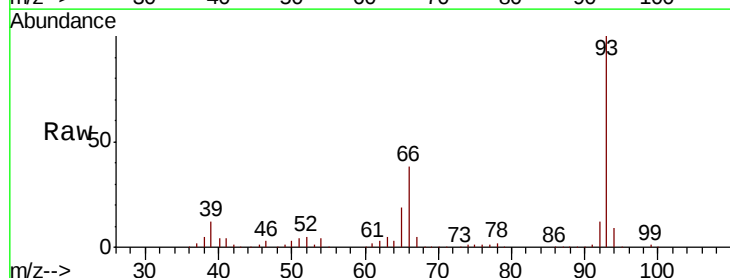
Tgt Ion: 93 Resp: 517177

Ion Ratio Lower Upper

93 100

66 38.3 30.2 45.2

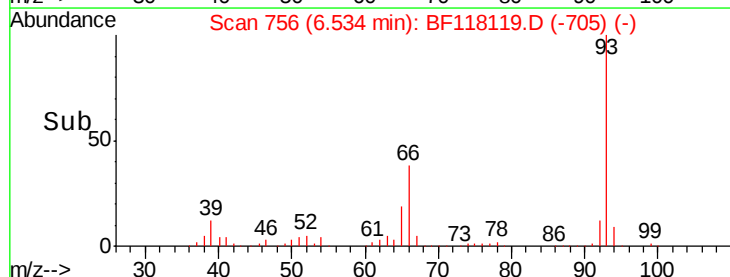
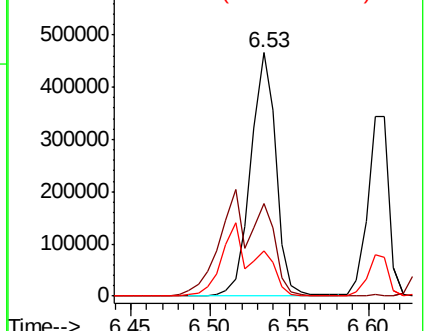
65 18.8 15.5 23.3

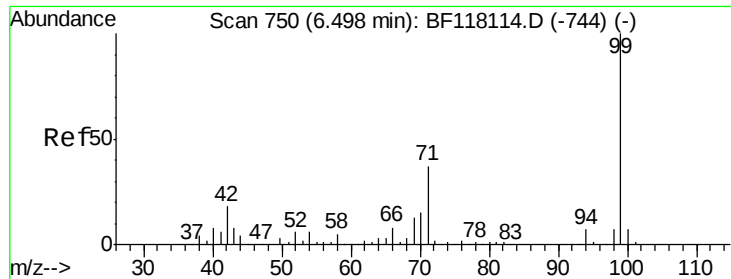


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.053 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

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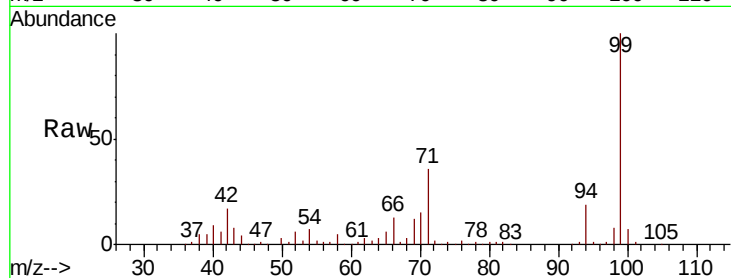
Tot Ion: 99 Resp: 788481

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

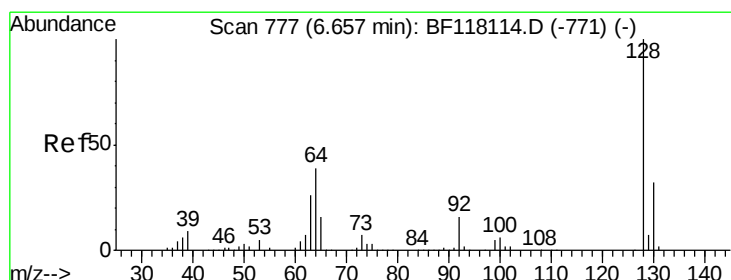
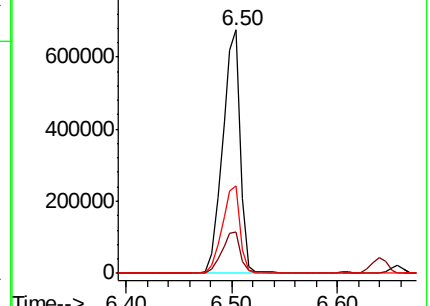
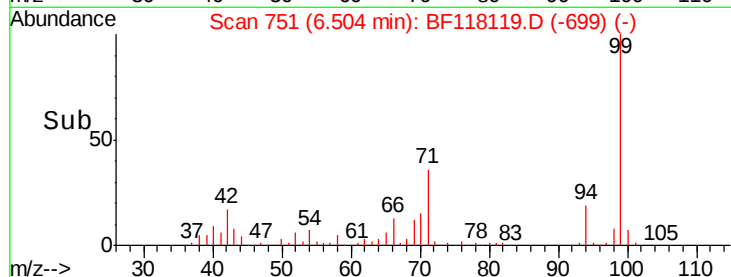
71 35.7 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.595 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

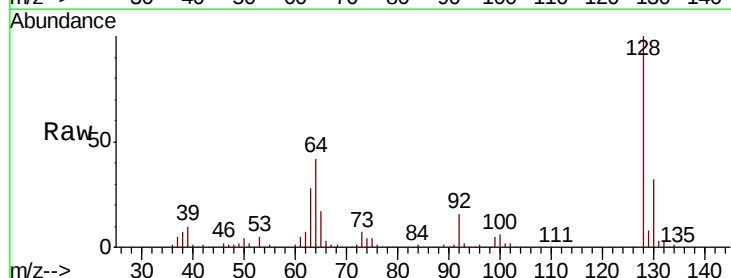
Tgt Ion:128 Resp: 368167

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

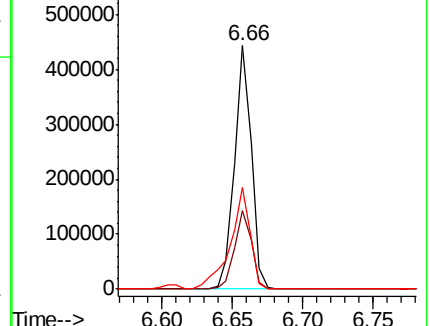
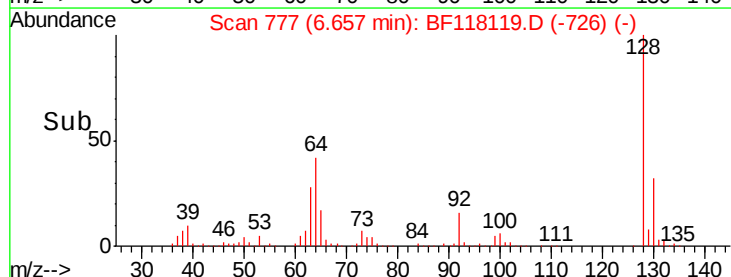
64 41.6 19.3 59.3

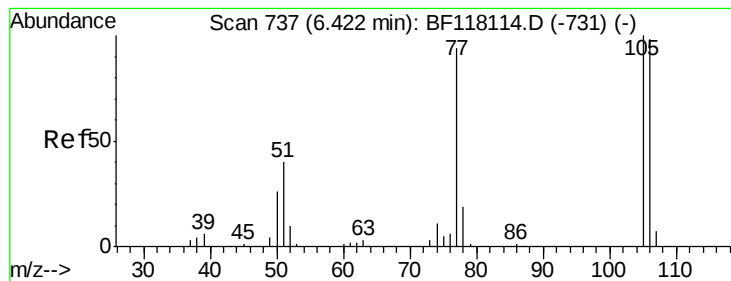


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.676 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampled :

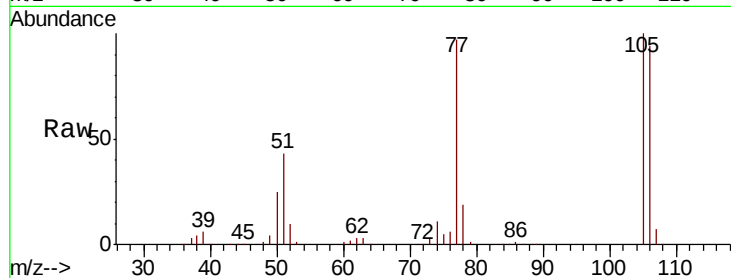
Tot Ion: 77 Resp: 209658

Ion Ratio Lower Upper

77 100

105 103.1 86.4 126.4

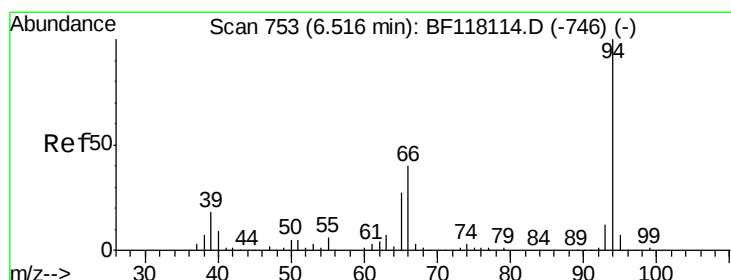
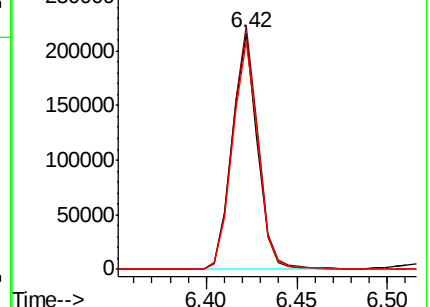
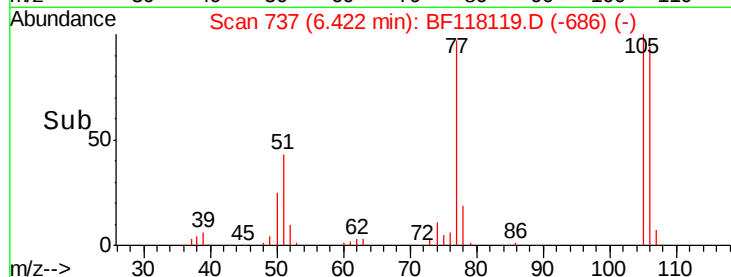
106 96.9 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.093 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

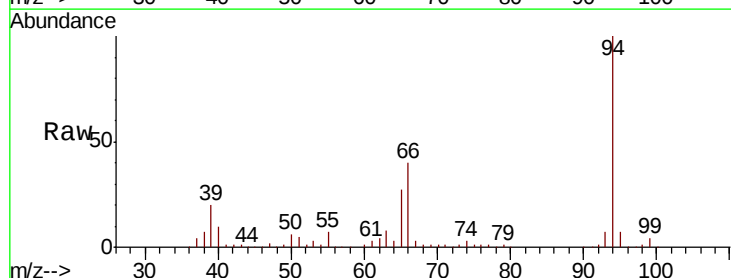
Tgt Ion: 94 Resp: 456050

Ion Ratio Lower Upper

94 100

65 27.4 7.3 47.3

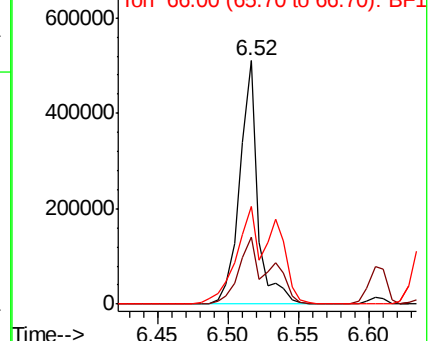
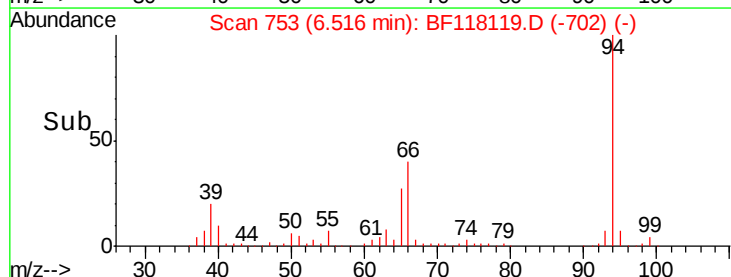
66 40.1 20.2 60.2

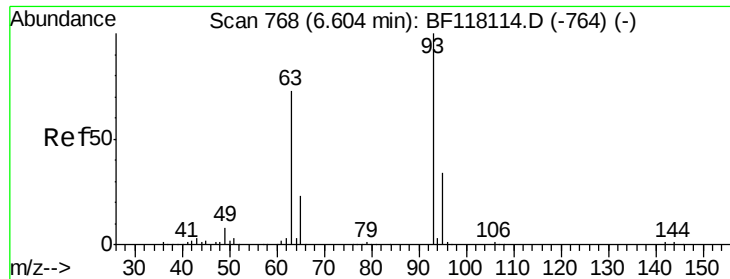


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

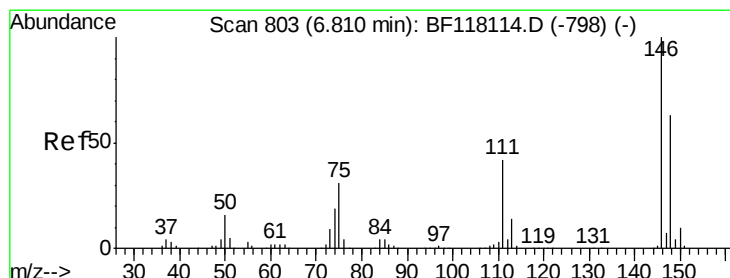
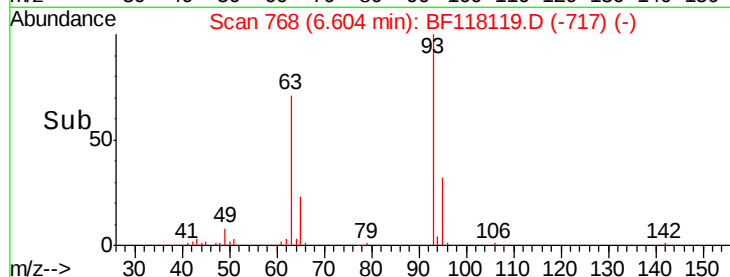
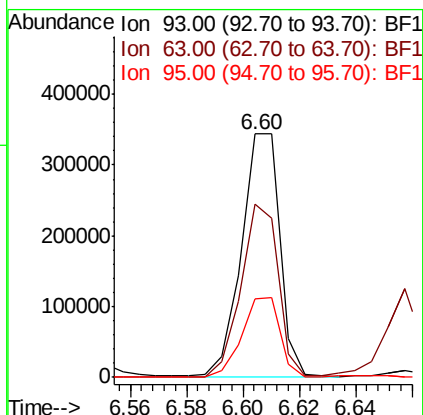
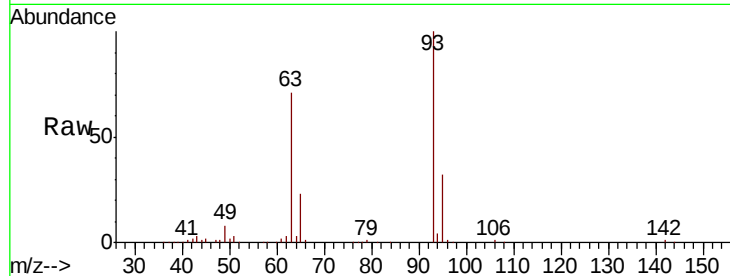




#11
bis(2-Chloroethyl)ether
Concen: 39.248 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

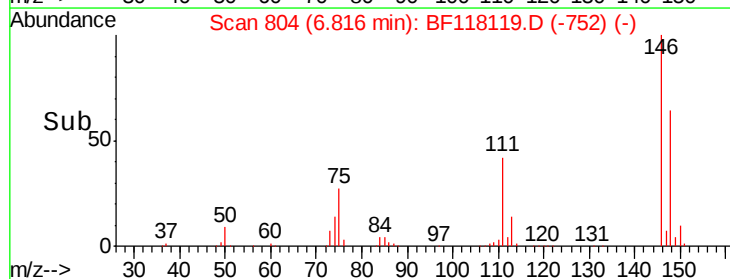
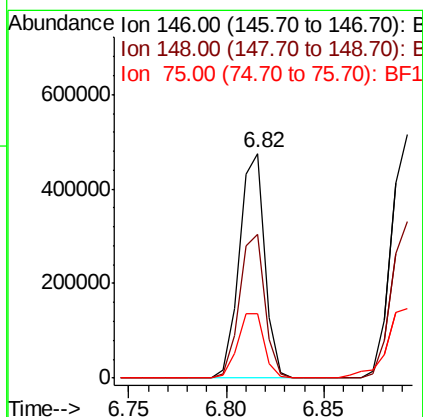
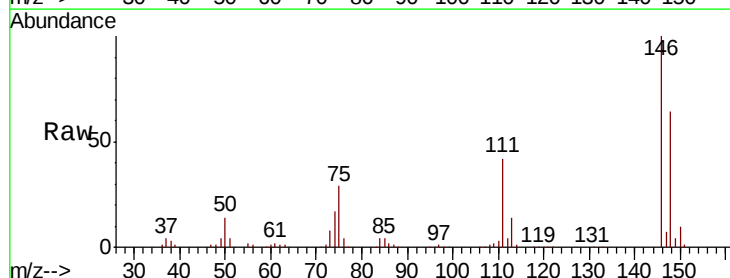
Instrument :
BNA_F
ClientSampleId :

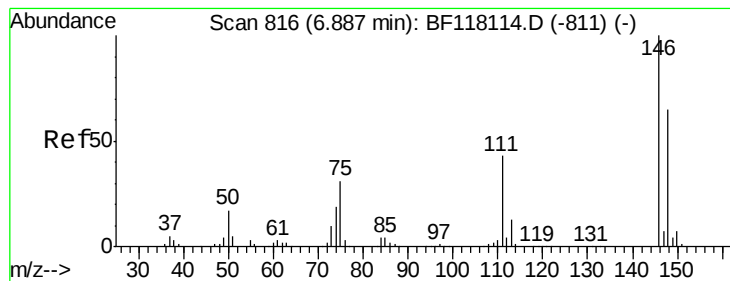
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	53.2	93.2
95	32.5	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 39.522 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
75	28.5	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 39.689 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

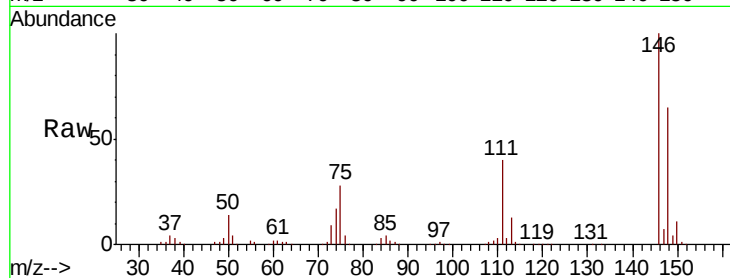
Tot Ion:146 Resp: 434106

Ion Ratio Lower Upper

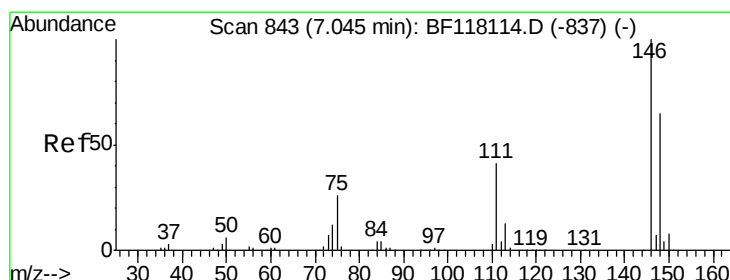
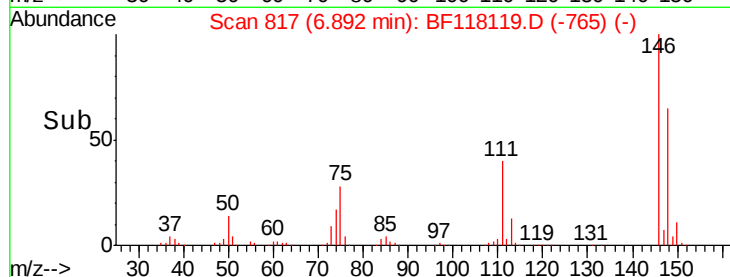
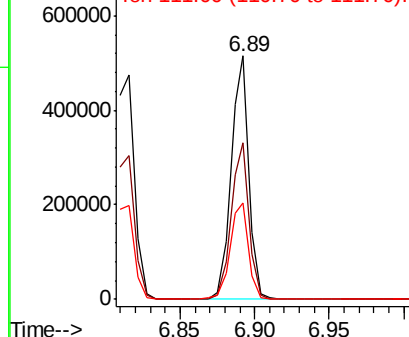
146 100

148 64.5 52.1 78.1

111 39.6 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 39.556 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

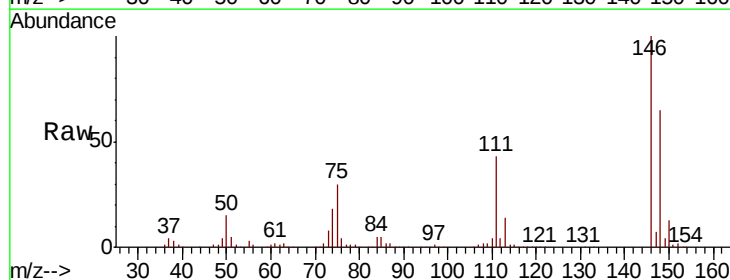
Tgt Ion:146 Resp: 406303

Ion Ratio Lower Upper

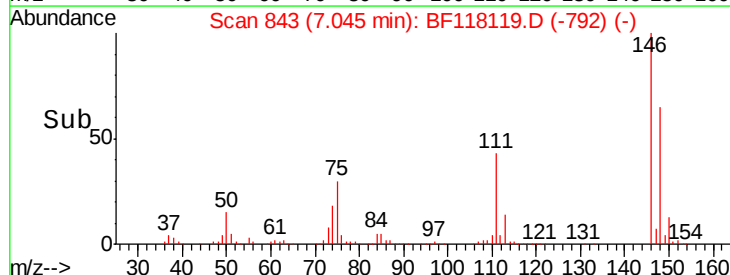
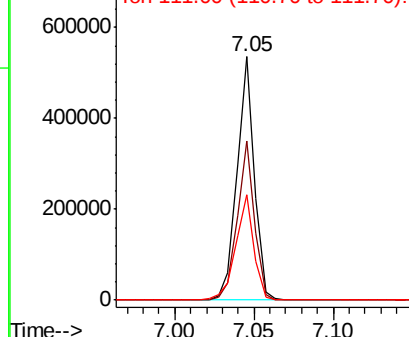
146 100

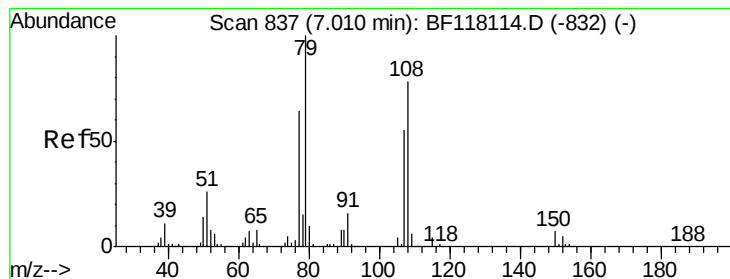
148 65.3 52.2 78.2

111 43.3 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: 40.060 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampled :

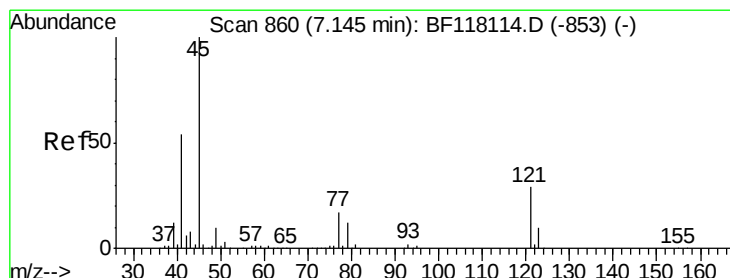
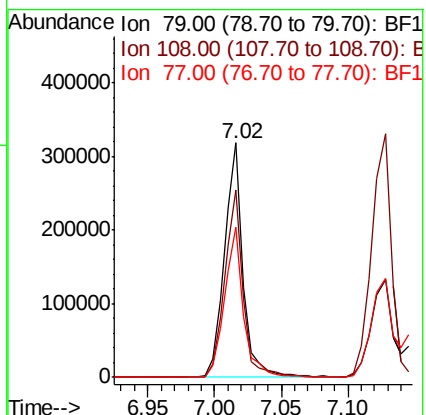
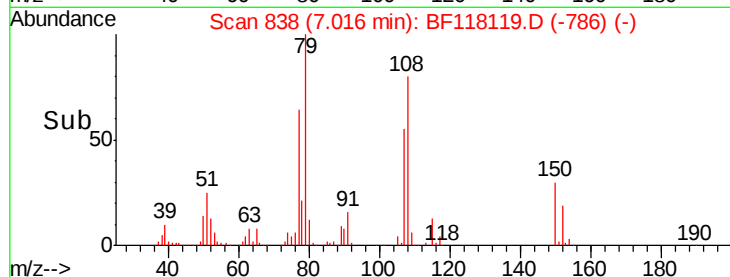
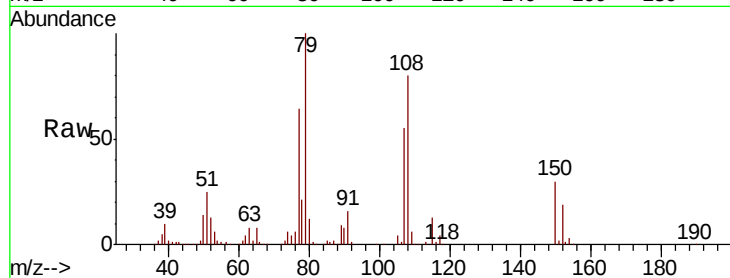
Tot Ion: 79 Resp: 311899

Ion Ratio Lower Upper

79 100

108 80.1 62.7 94.1

77 64.1 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.182 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

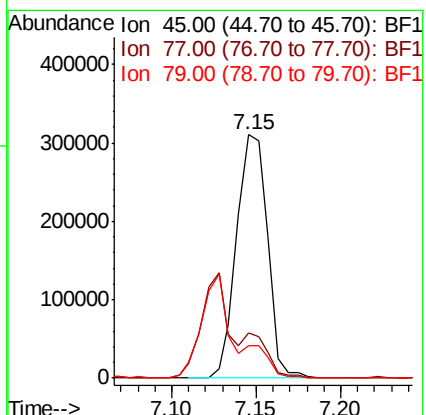
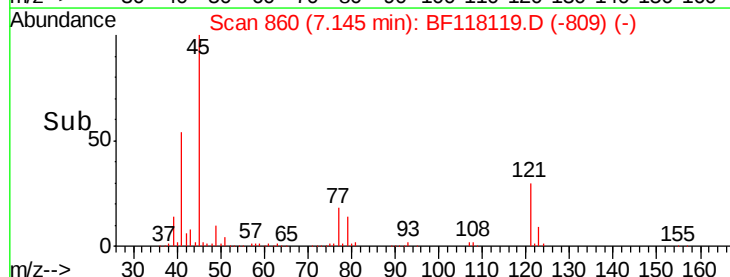
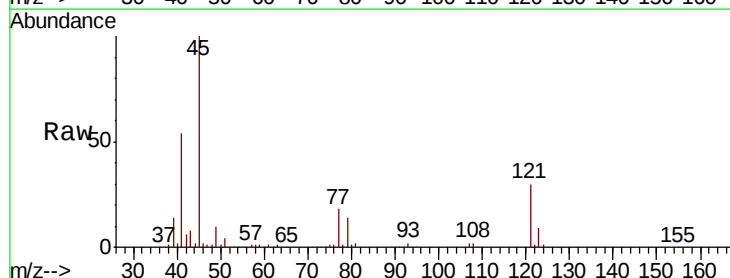
Tgt Ion: 45 Resp: 397464

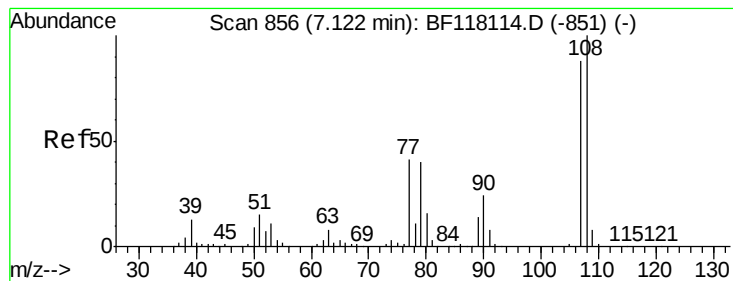
Ion Ratio Lower Upper

45 100

77 18.5 0.0 38.0

79 13.5 0.0 33.2

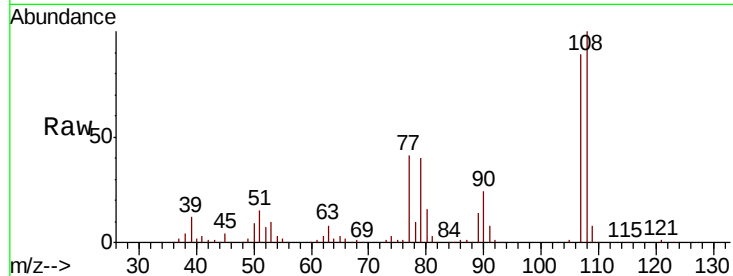




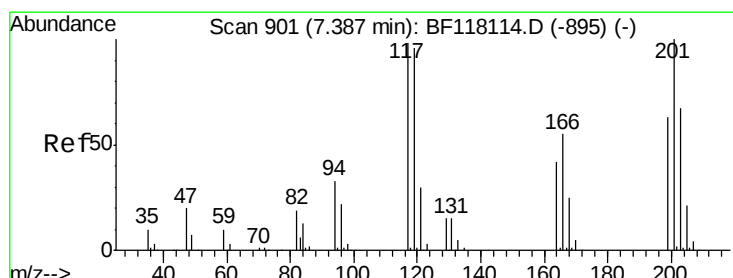
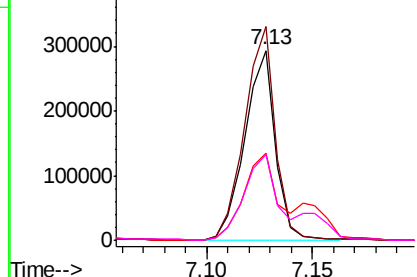
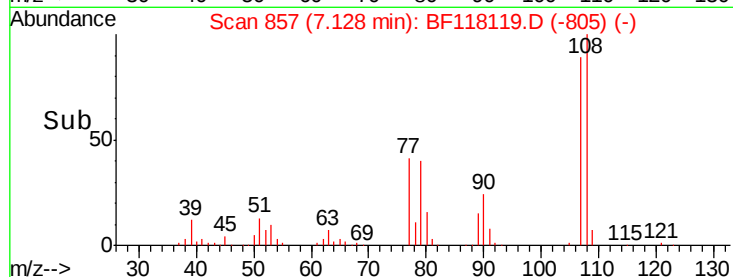
#17
2-Methylphenol
Concen: 39.835 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	294601
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	45.8	37.8	56.6
79	45.1	37.0	55.6

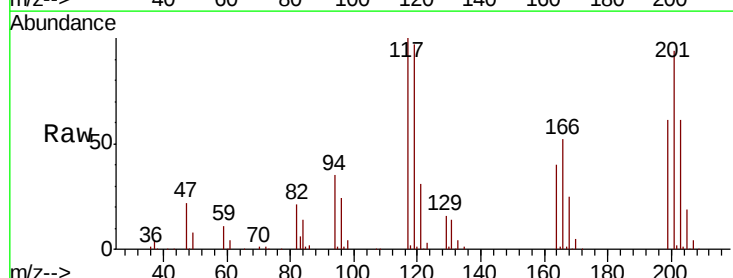


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

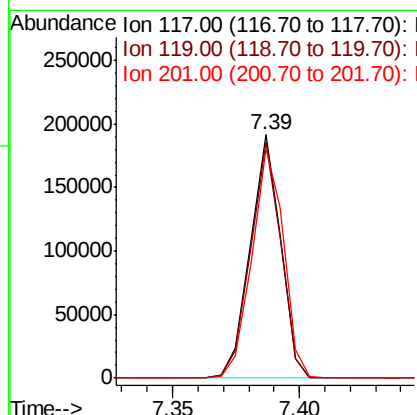
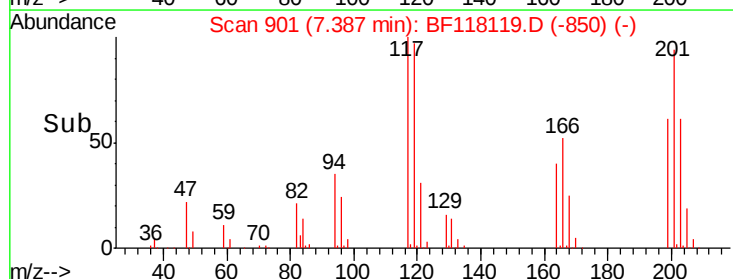


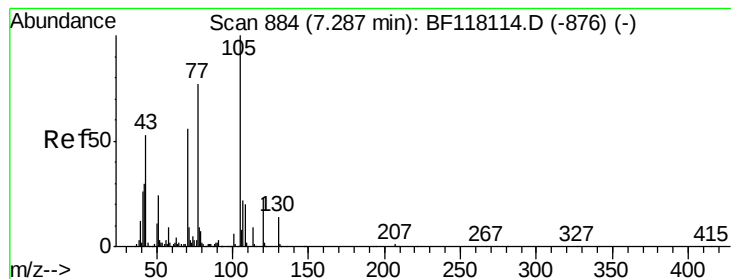
#18
Hexachloroethane
Concen: 39.566 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:	117	Resp:	159464
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.4
201	94.1	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: 39.468 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 239207

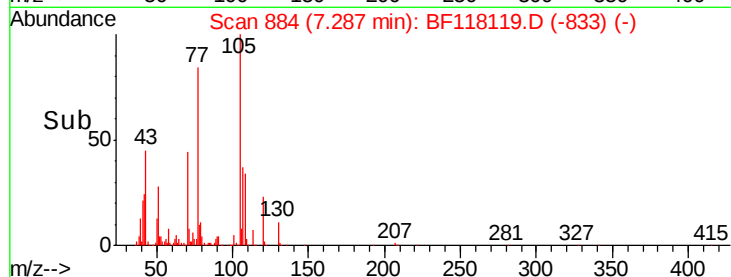
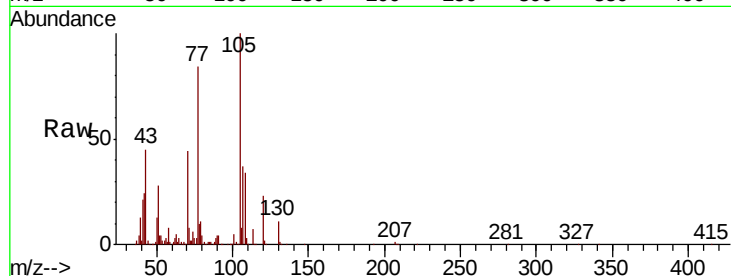
Ion Ratio Lower Upper

70 100

42 55.2 43.2 64.8

101 10.5 8.1 12.1

130 24.2 19.8 29.8

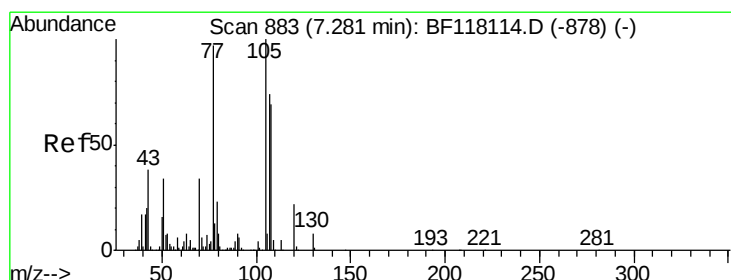
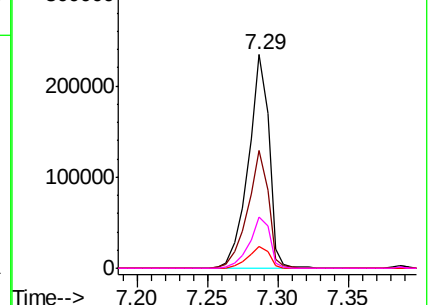


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.760 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion: 107 Resp: 378635

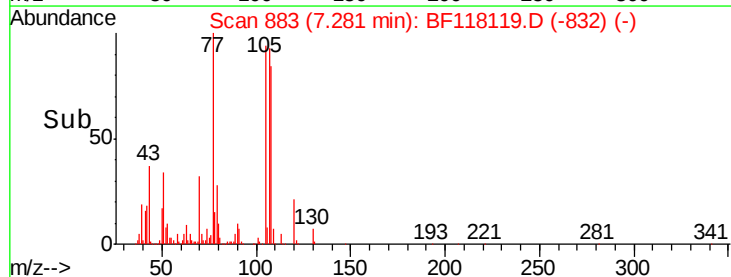
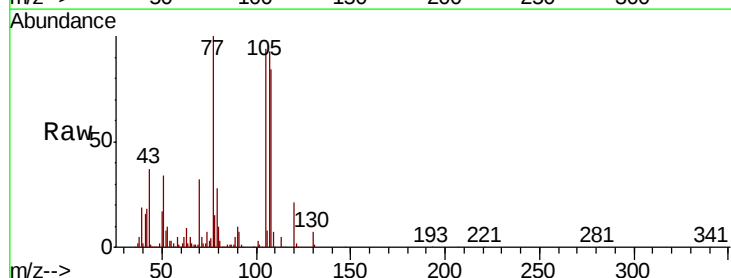
Ion Ratio Lower Upper

107 100

108 90.1 73.2 113.2

77 107.4 110.9 150.9#

79 30.3 11.5 51.5

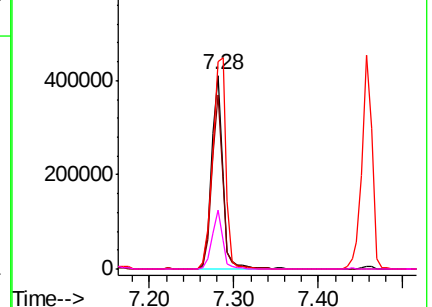


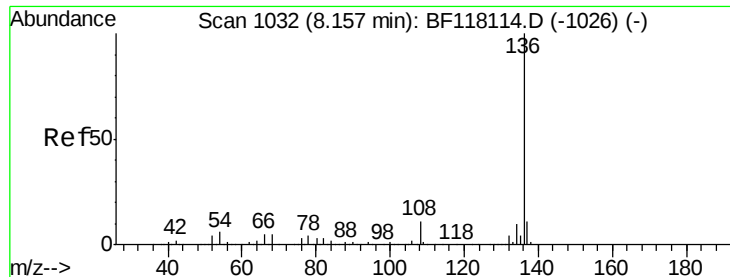
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

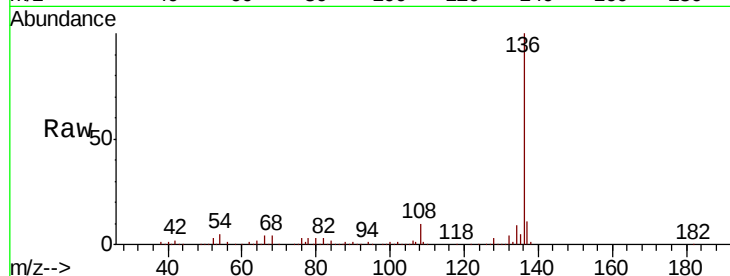




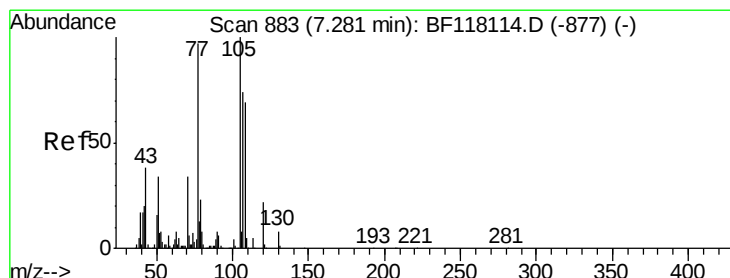
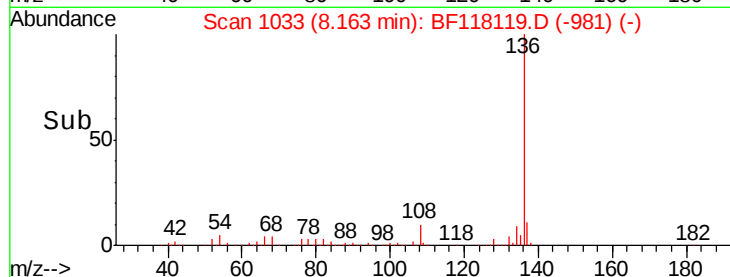
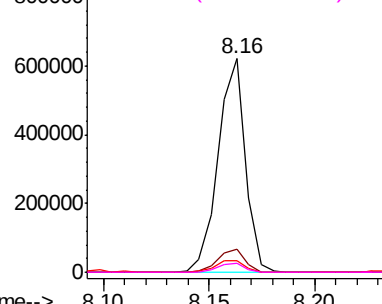
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	555337
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	5.4	5.0 7.6
68	4.3	3.8 5.8

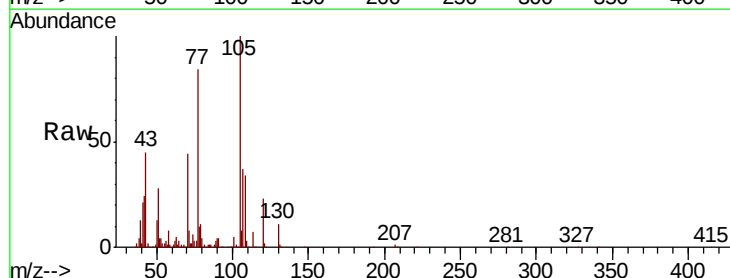


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

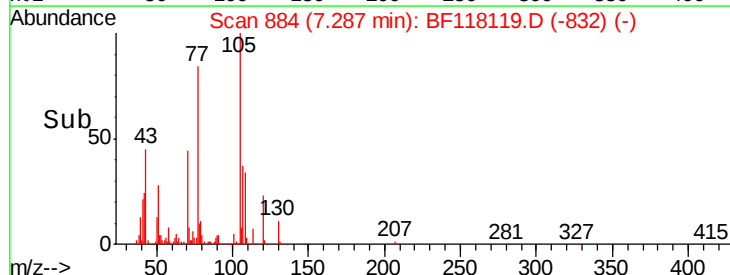
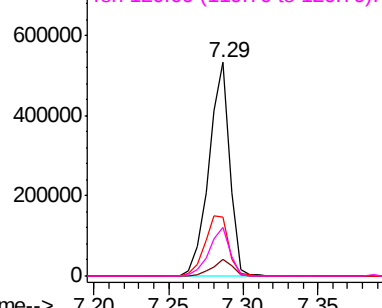


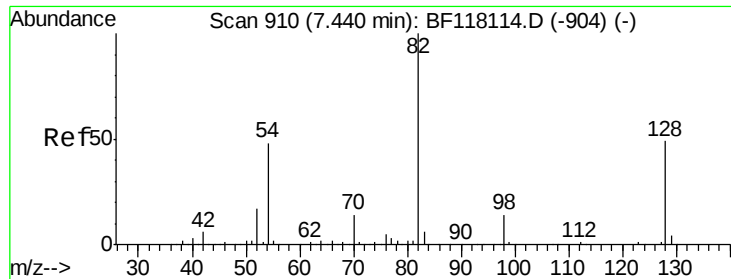
#22
Acetophenone
Concen: 39.090 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:105	Resp:	521536
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.7 7.1#
51	27.7	27.1 40.7
120	22.8	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

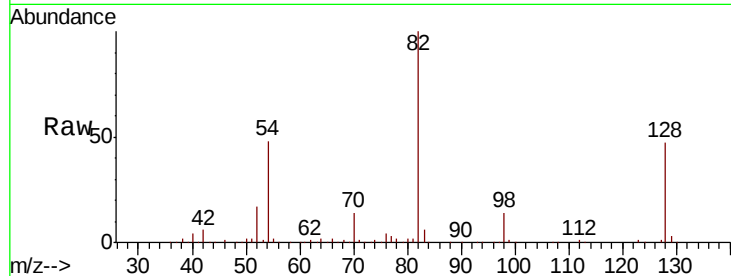




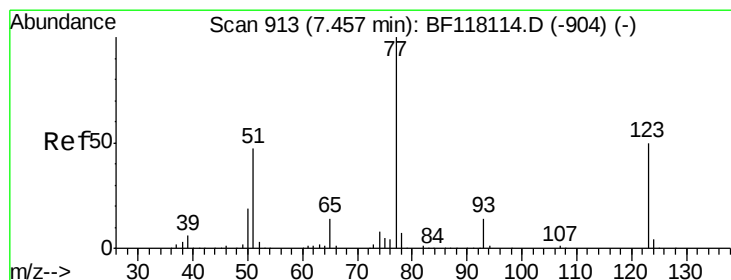
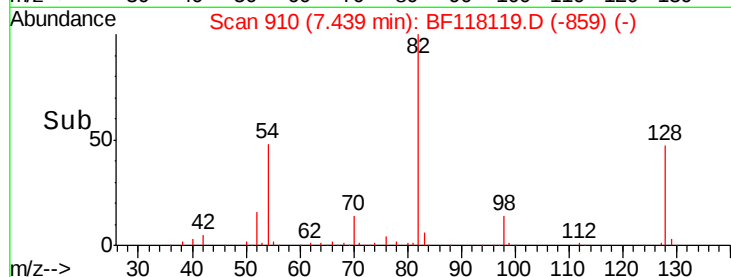
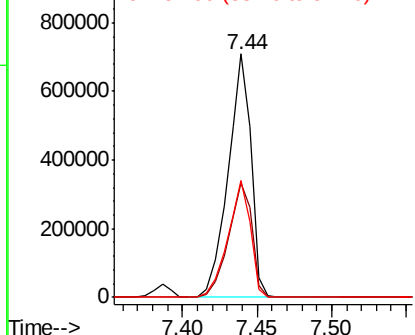
#23
 Nitrobenzene-d5
 Concen: 77.593 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 765940
 Ion Ratio Lower Upper
 82 100
 128 47.0 39.1 58.7
 54 47.9 38.2 57.2

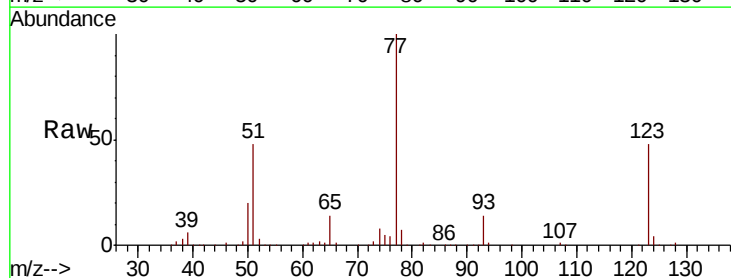


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

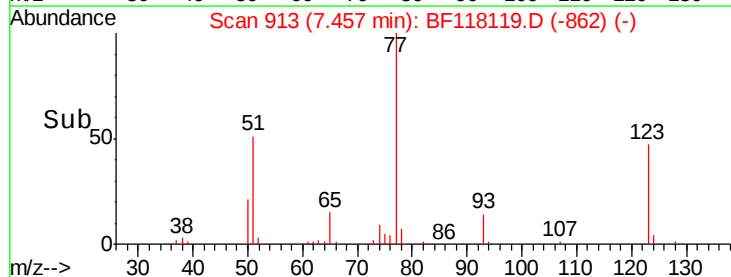
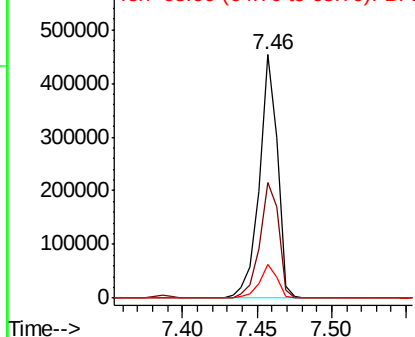


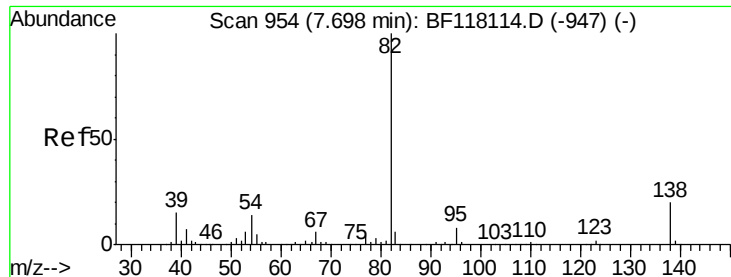
#24
 Nitrobenzene
 Concen: 38.804 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion: 77 Resp: 376342
 Ion Ratio Lower Upper
 77 100
 123 47.7 40.1 60.1
 65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.217 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

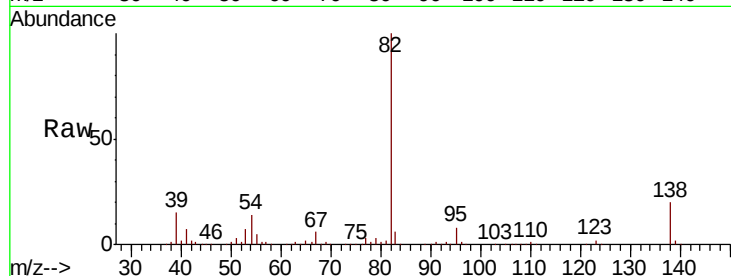
Tot Ion: 82 Resp: 639524

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

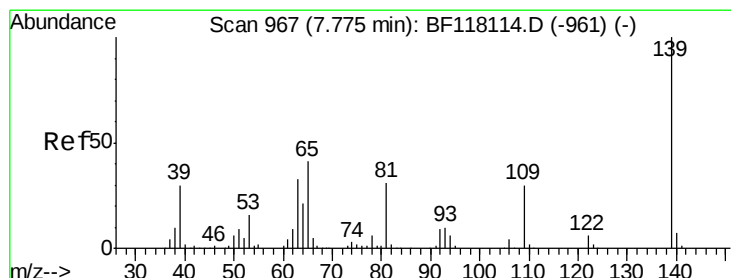
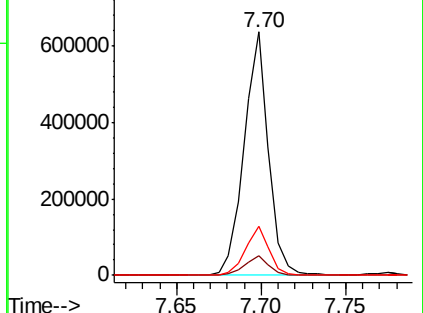
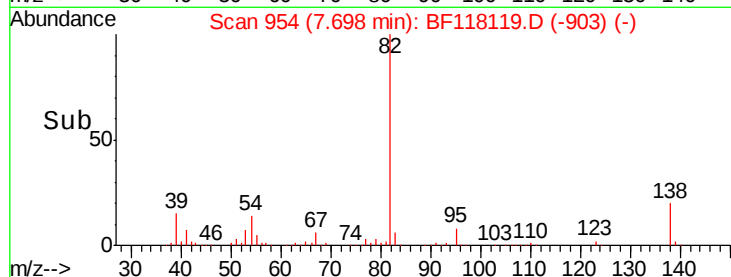
138 20.0 16.3 24.5



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: 39.206 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

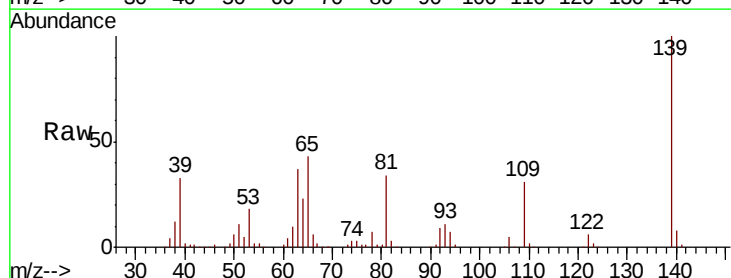
Tgt Ion: 139 Resp: 203232

Ion Ratio Lower Upper

139 100

109 30.8 23.9 35.9

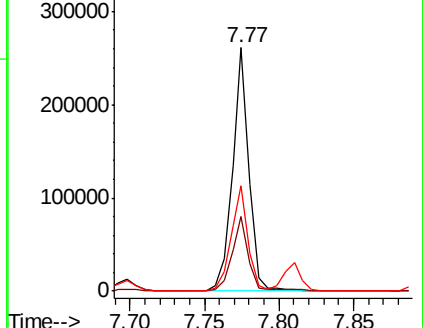
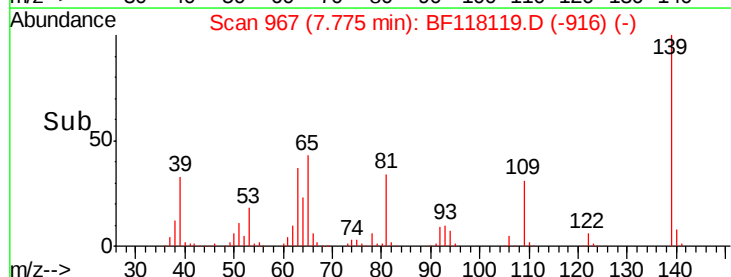
65 43.3 33.0 49.6

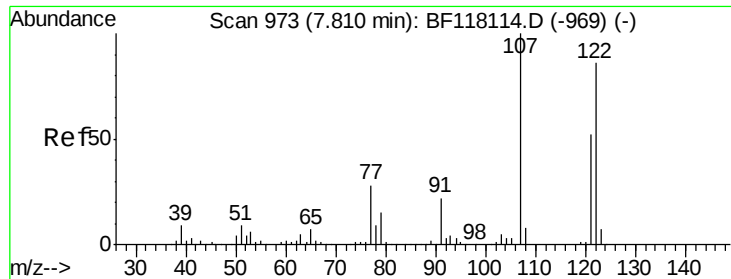


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

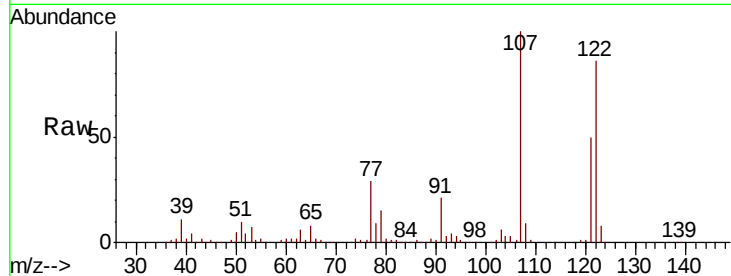




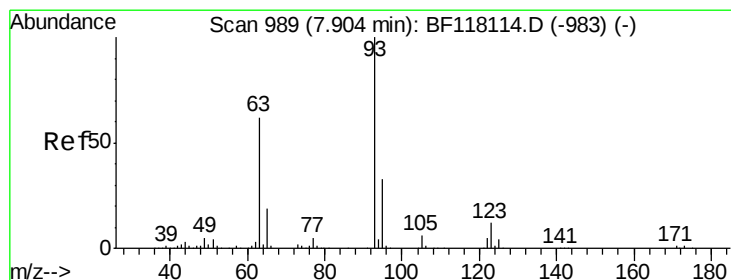
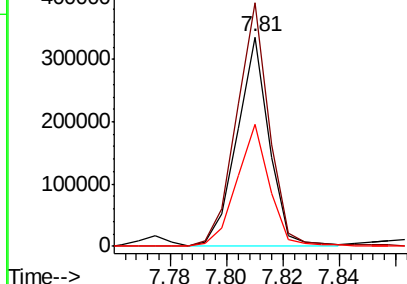
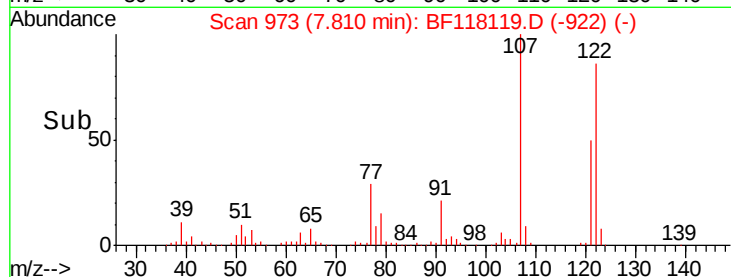
#27
 2,4-Dimethylphenol
 Concen: 38.704 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 267621
 Ion Ratio Lower Upper
 122 100
 107 116.3 92.9 139.3
 121 58.2 48.3 72.5

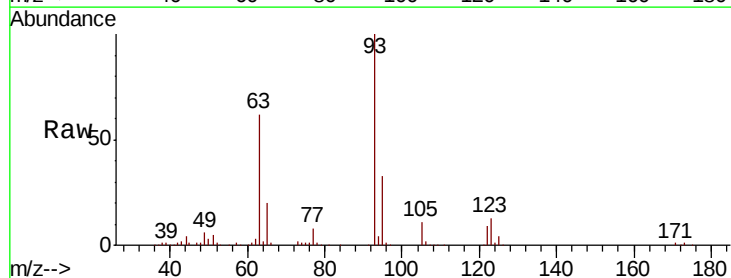


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

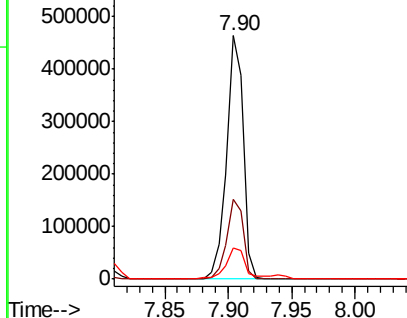
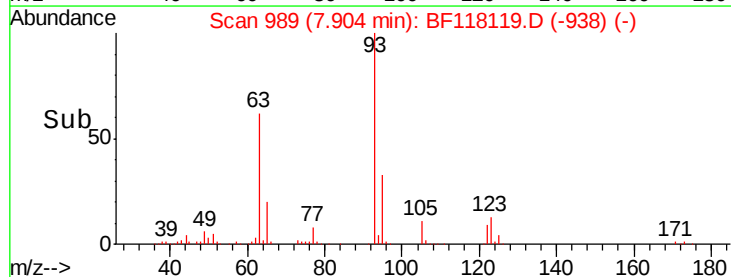


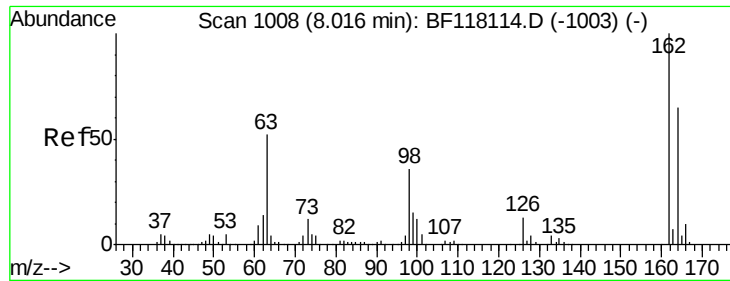
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.511 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion: 93 Resp: 421102
 Ion Ratio Lower Upper
 93 100
 95 32.7 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

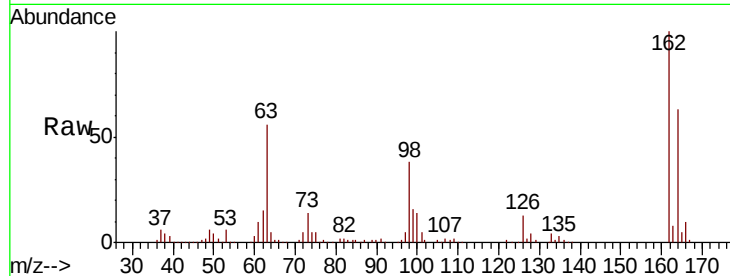




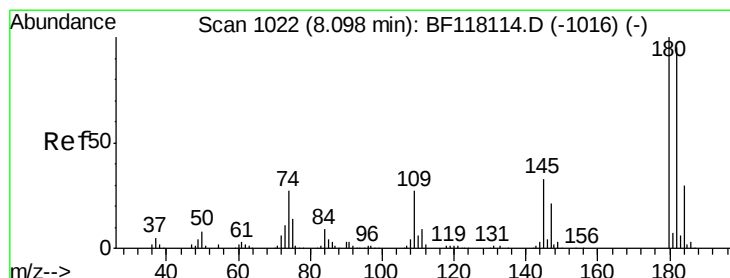
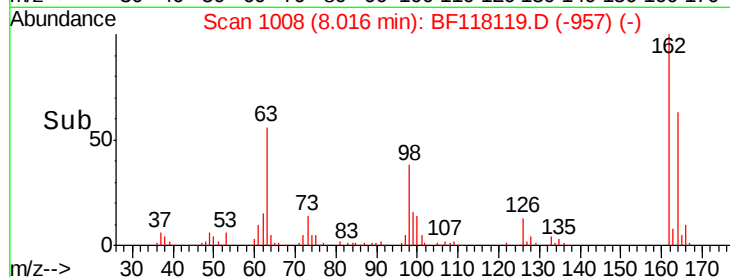
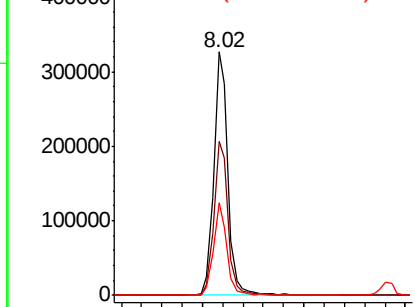
#29
 2,4-Dichlorophenol
 Concen: 39.131 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.2	85.2
98	38.1	15.9	55.9

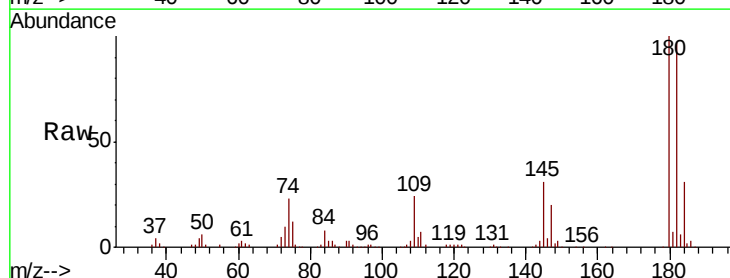


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

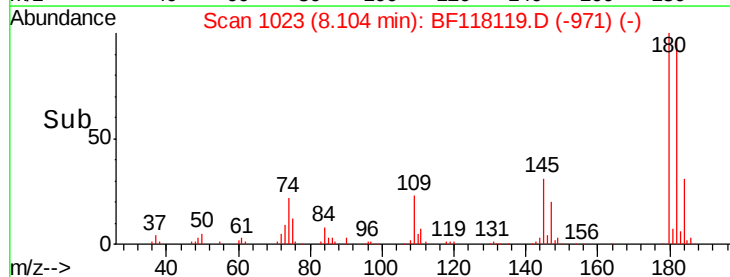
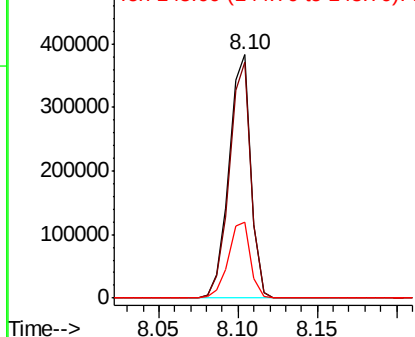


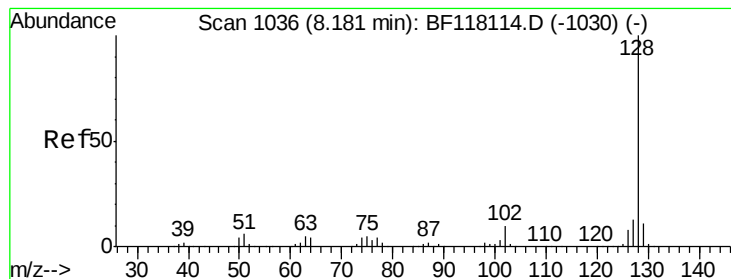
#30
 1,2,4-Trichlorobenzene
 Concen: 38.851 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
145	31.2	26.1	39.1



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





#31

Naphthalene

Concen: 39.071 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

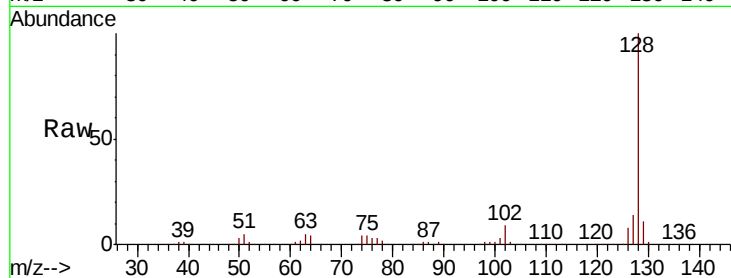
Tot Ion:128 Resp: 1089713

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

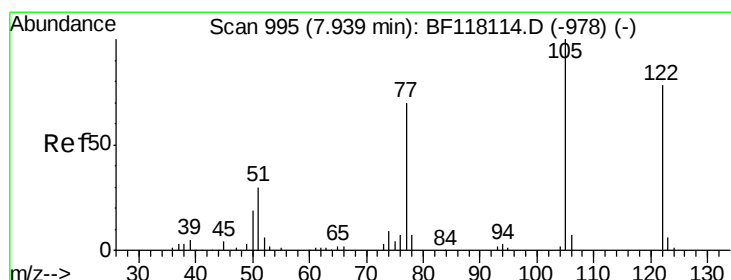
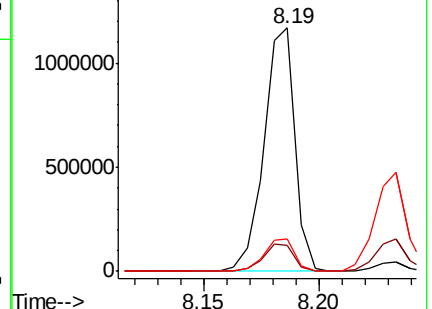
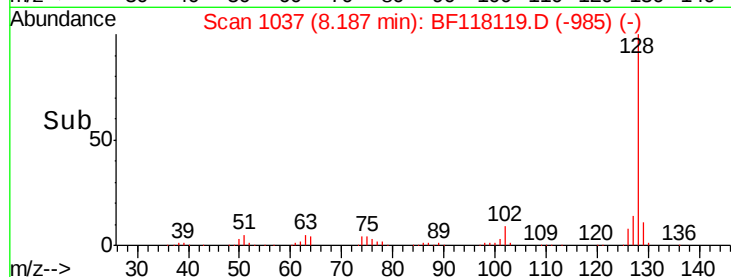
127 13.6 10.6 16.0



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: 39.481 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

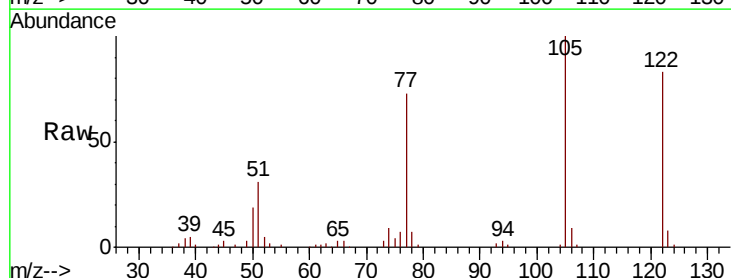
Tgt Ion:122 Resp: 246482

Ion Ratio Lower Upper

122 100

105 120.8 104.7 144.7

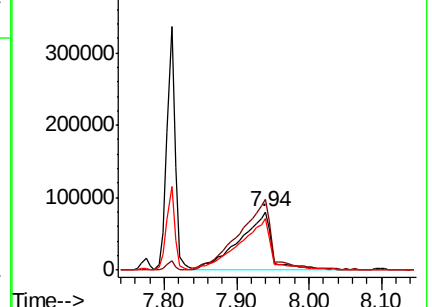
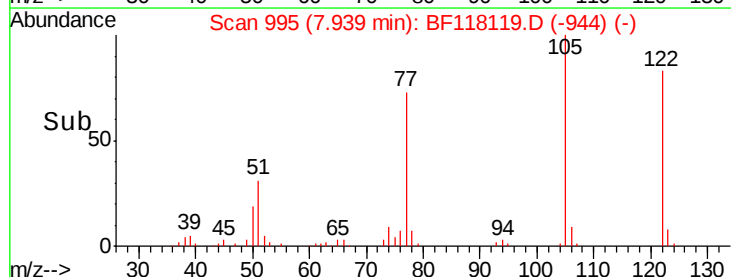
77 87.7 69.1 109.1

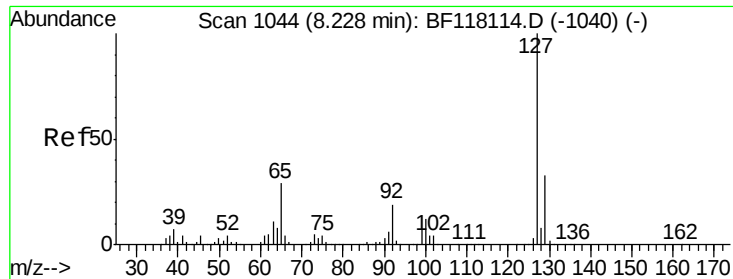


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

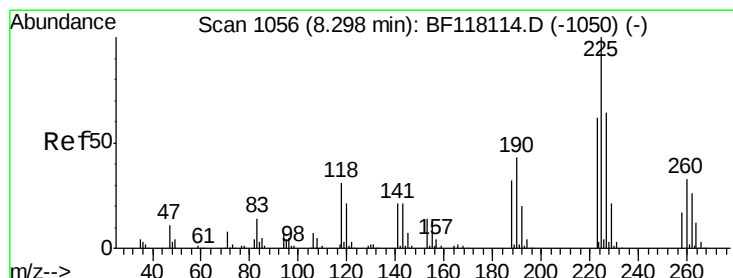
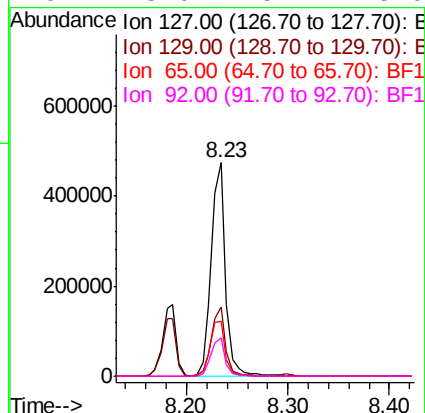
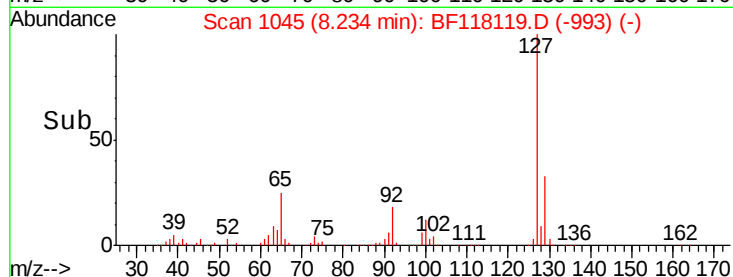
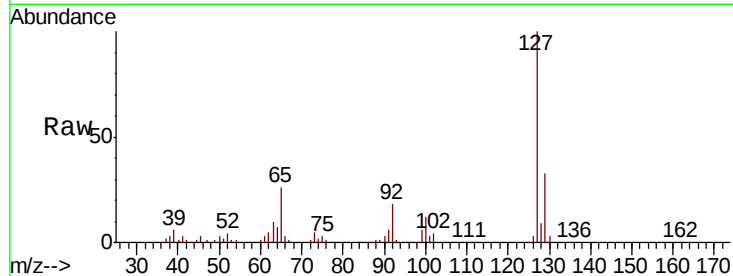




#33
4-Chloroaniline
Concen: 38.817 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

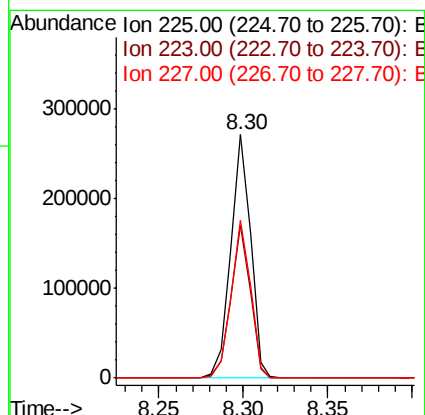
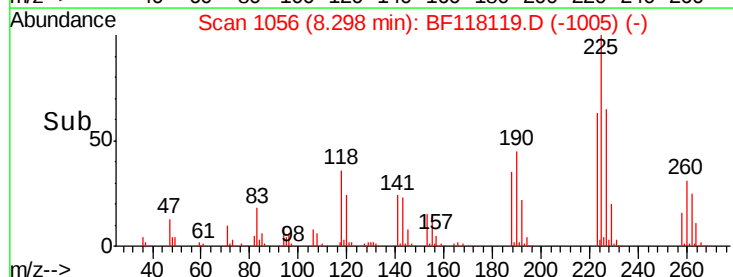
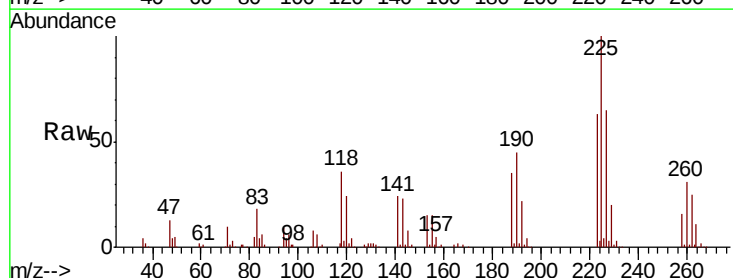
Instrument :
BNA_F
ClientSampleId :

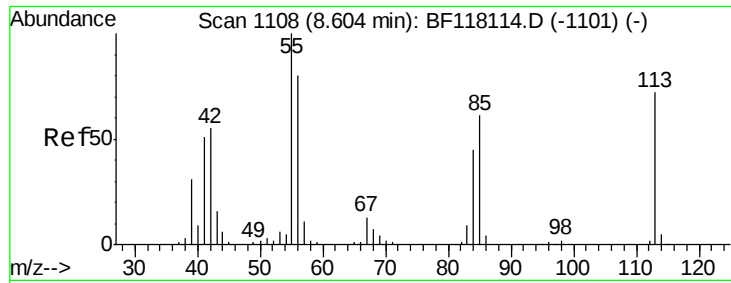
Tot Ion:	127	Resp:	467465
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	25.9	23.2	34.8
92	18.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:	225	Resp:	220603
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	64.8	51.0	76.6

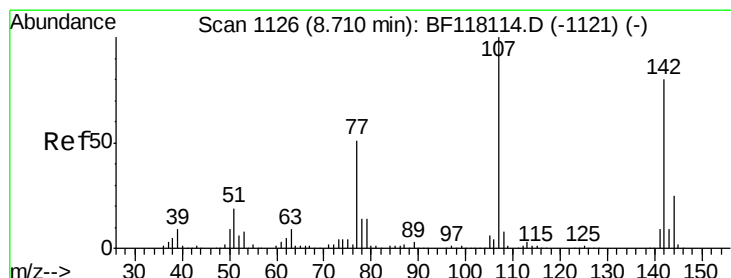
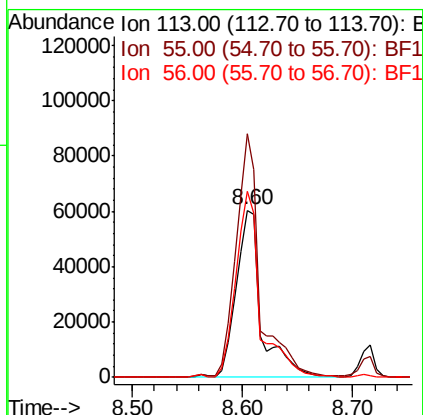
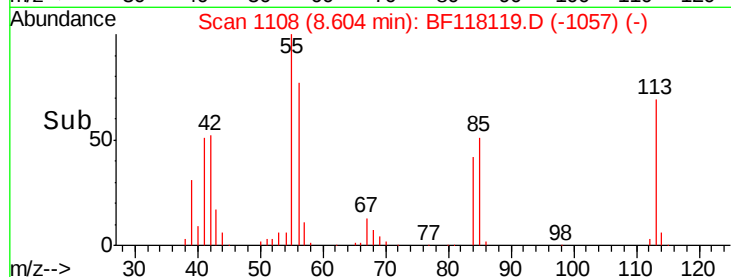
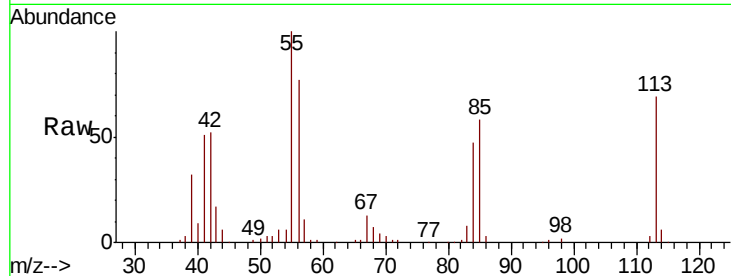




#35
Caprolactam
Concen: 39.270 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

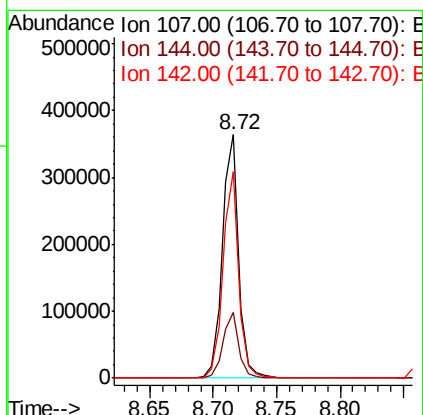
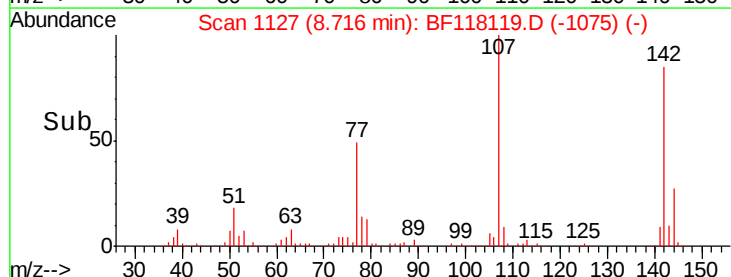
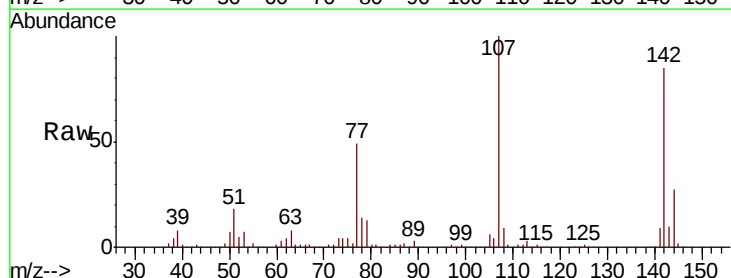
Instrument :
BNA_F
ClientSampled :

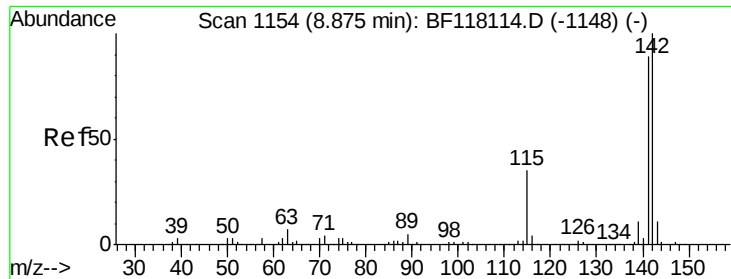
Tot Ion:113 Resp: 97619
Ion Ratio Lower Upper
113 100
55 145.5 118.9 158.9
56 111.5 91.4 131.4



#36
4-Chloro-3-methylphenol
Concen: 38.480 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:107 Resp: 326419
Ion Ratio Lower Upper
107 100
144 27.1 20.3 30.5
142 84.6 63.7 95.5

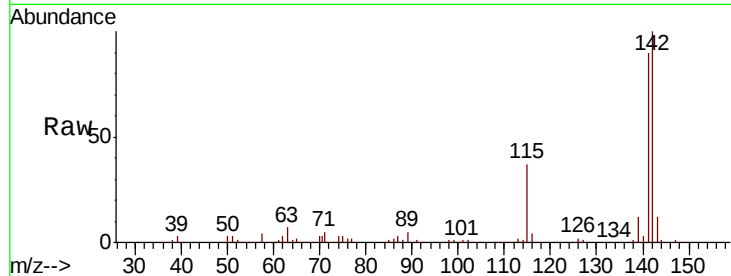




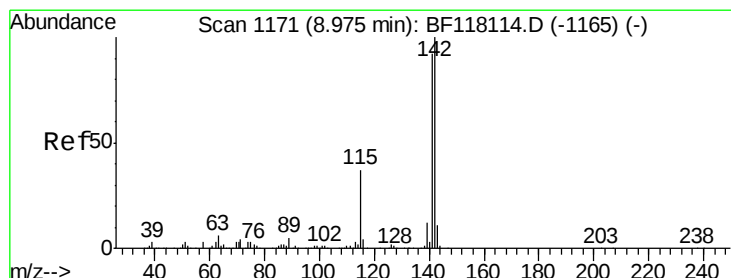
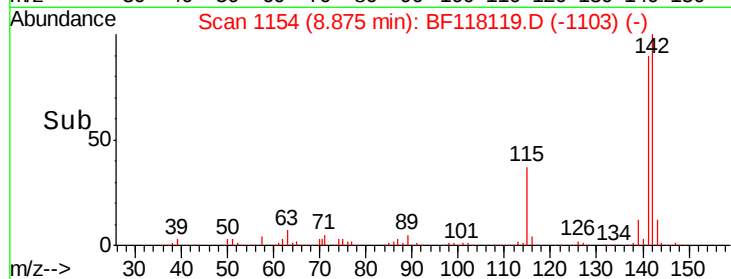
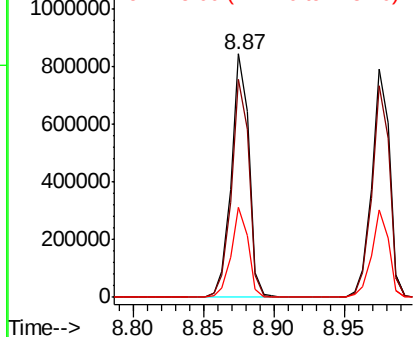
#37
2-Methylnaphthalene
Concen: 38.832 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	37.0	28.2	42.4

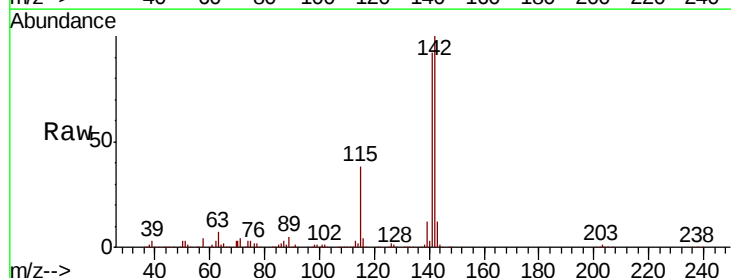


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

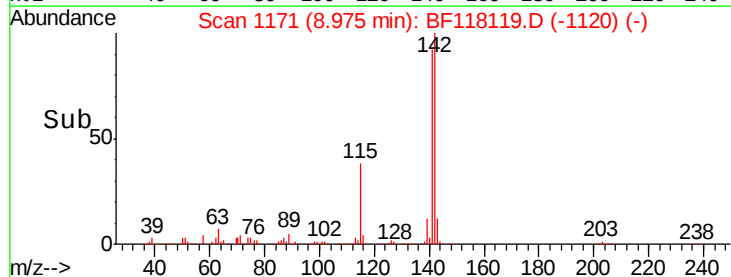
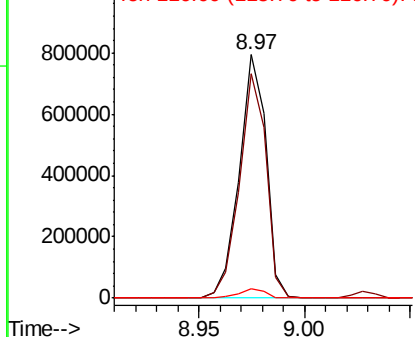


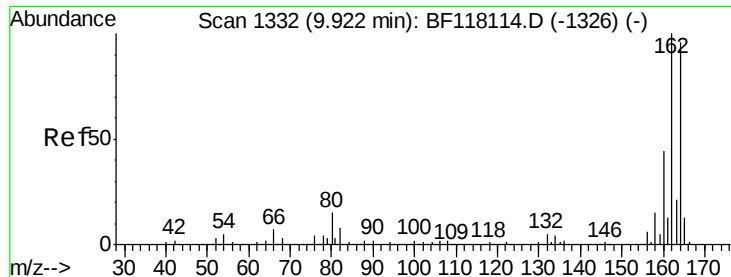
#38
1-Methylnaphthalene
Concen: 39.341 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	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: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

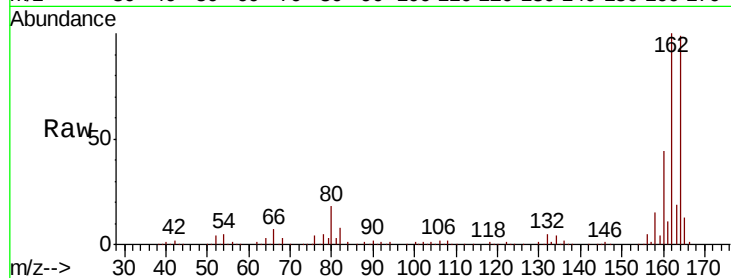
Tot Ion:164 Resp: 296860

Ion Ratio Lower Upper

164 100

162 100.5 83.4 125.0

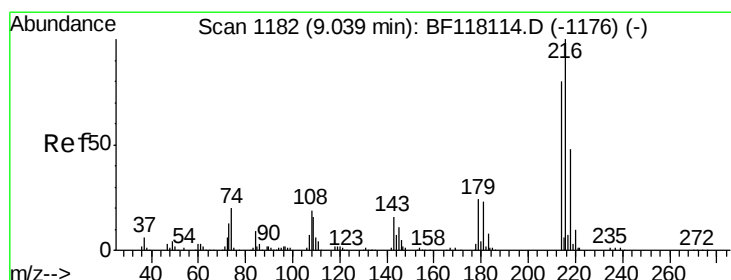
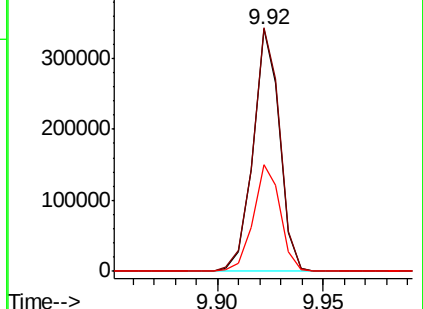
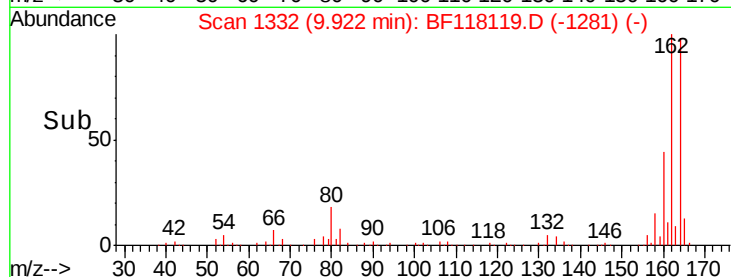
160 44.3 36.6 54.8



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: 38.383 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:216 Resp: 345180

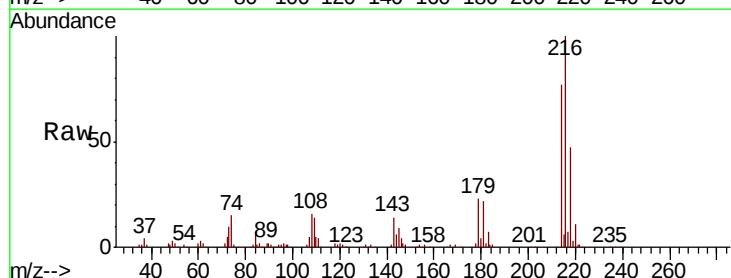
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 23.3 18.6 27.8

108 18.7 15.4 23.0

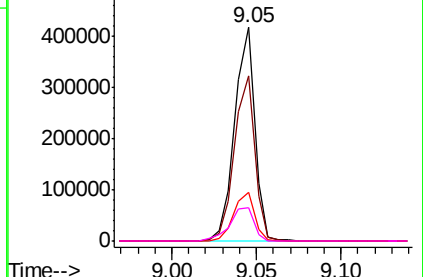
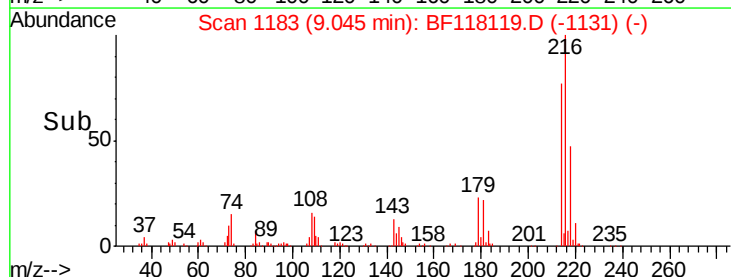


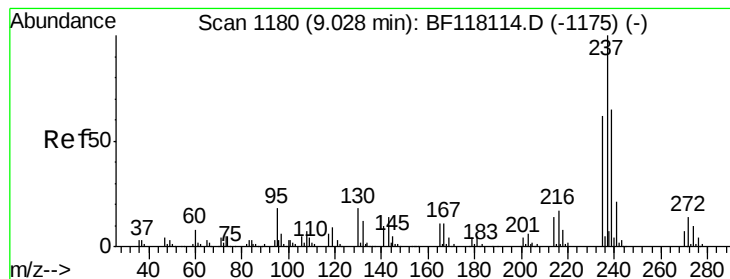
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.831 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

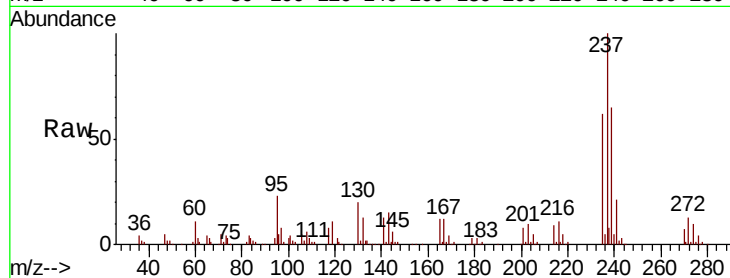
Tot Ion:237 Resp: 152431

Ion Ratio Lower Upper

237 100

235 62.4 41.5 81.5

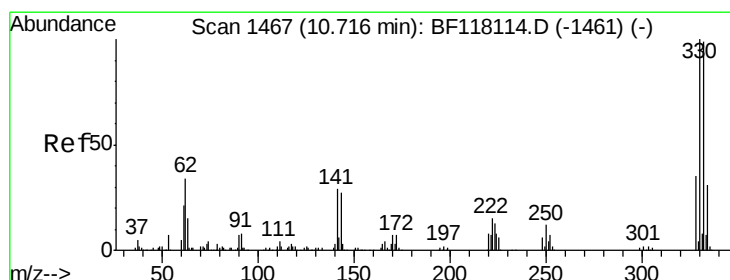
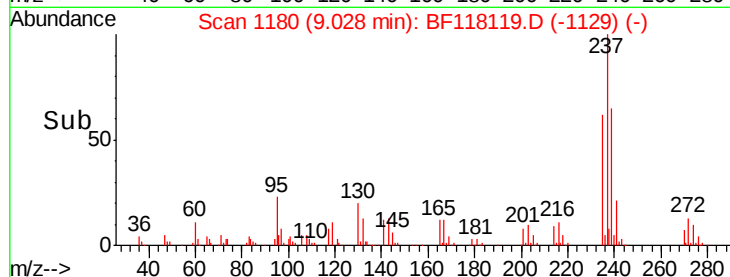
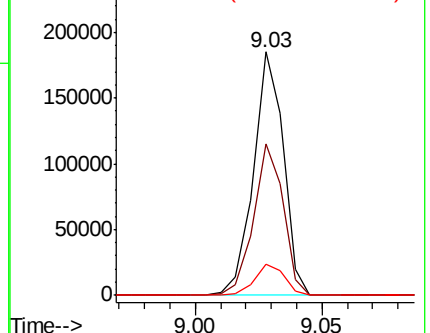
272 12.9 0.0 33.7



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: 76.221 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

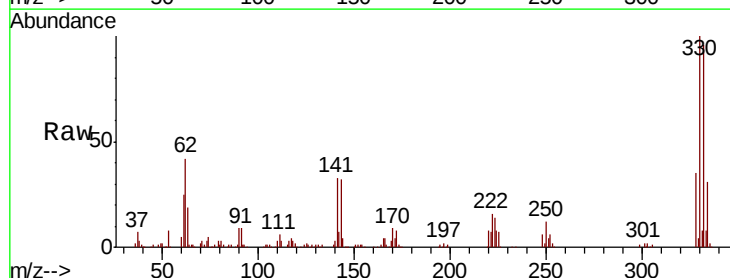
Tgt Ion:330 Resp: 274877

Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

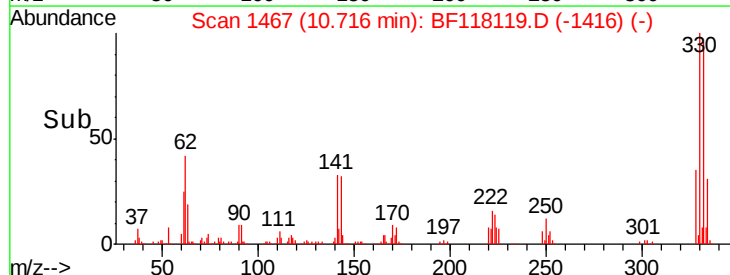
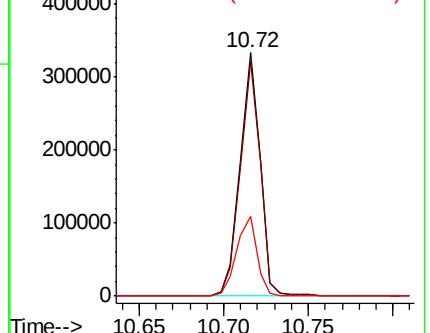
141 33.6 26.9 40.3

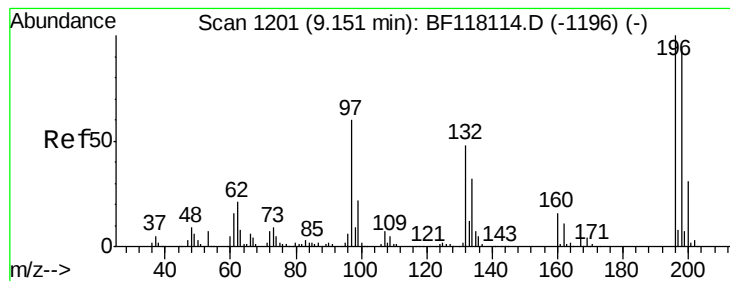


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.453 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

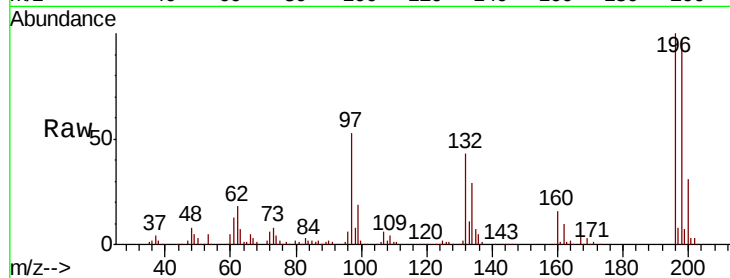
Tot Ion:196 Resp: 230890

Ion Ratio Lower Upper

196 100

198 97.5 75.0 112.4

200 31.2 24.5 36.7

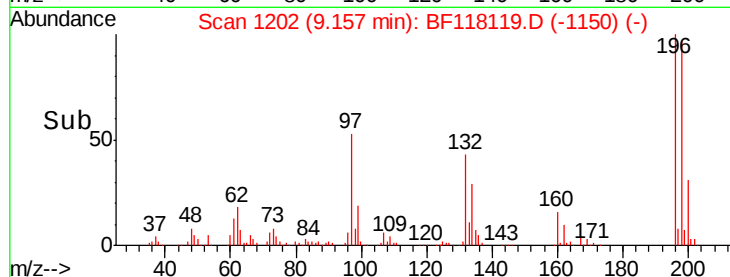
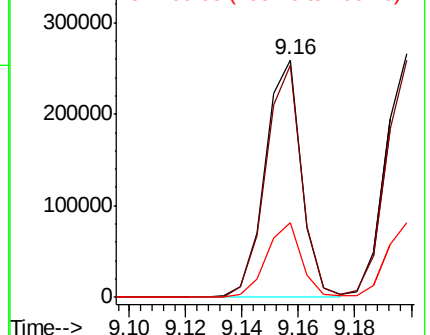


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.656 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:196 Resp: 240475

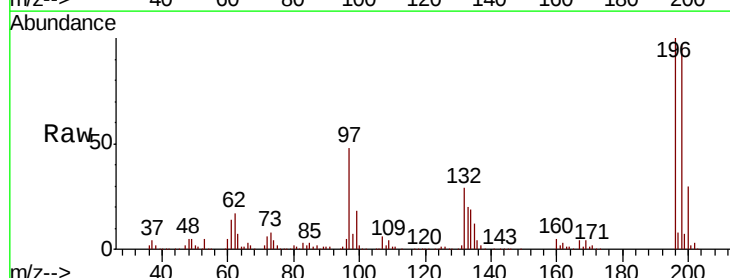
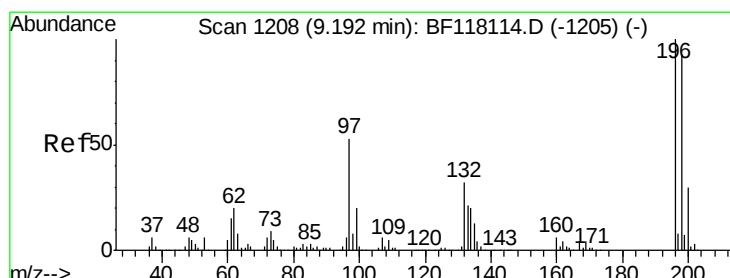
Ion Ratio Lower Upper

196 100

198 97.3 74.2 111.4

97 48.1 42.5 63.7

132 29.1 25.4 38.2



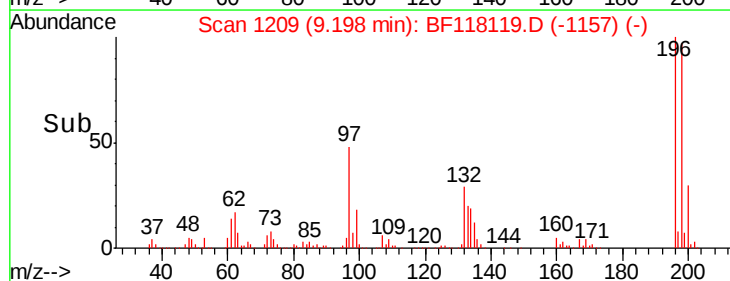
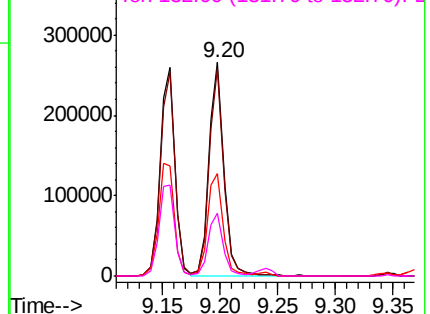
Abundance

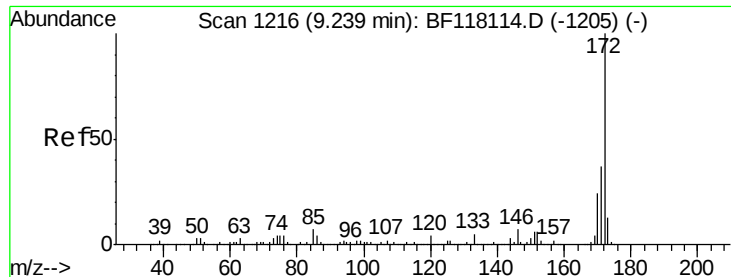
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

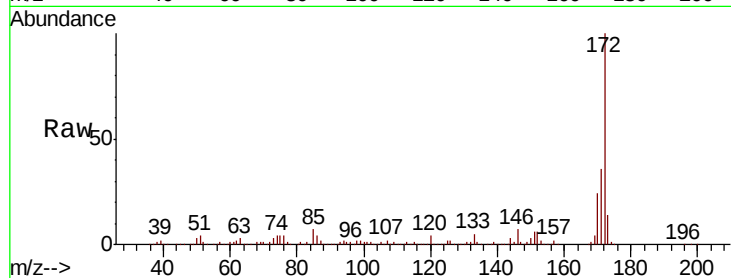




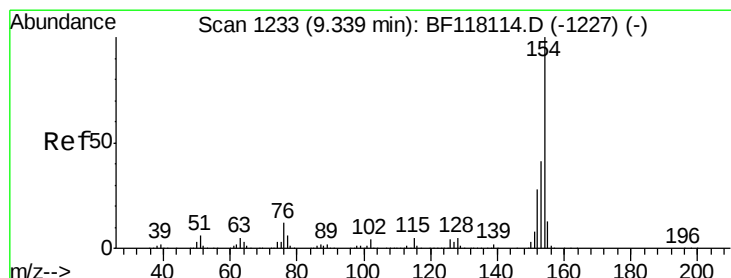
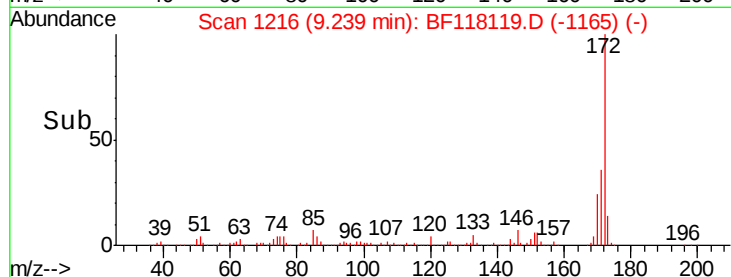
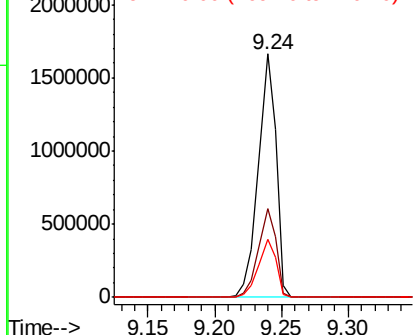
#45
2-Fluorobiphenyl
Concen: 77.434 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1510674
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.0 19.4 29.2

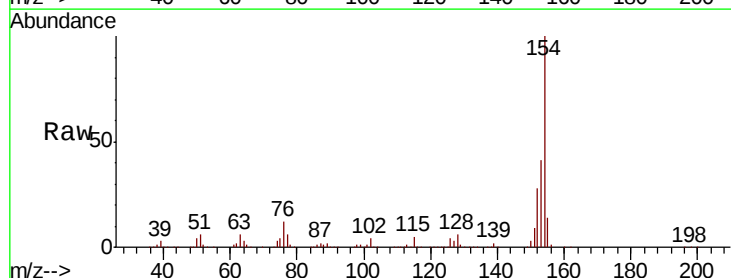


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

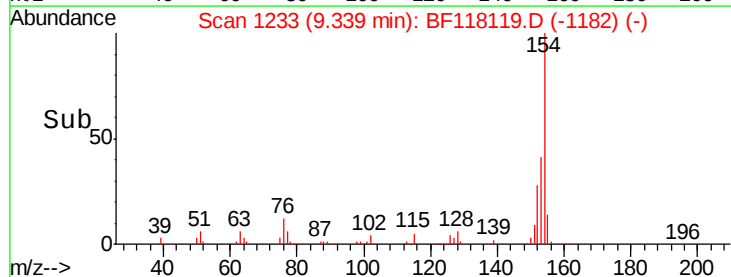
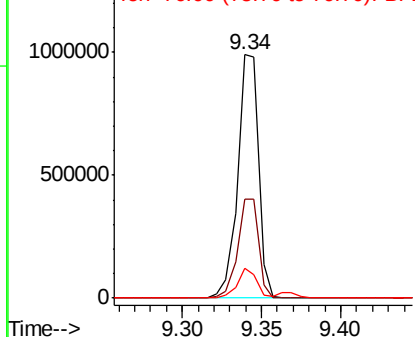


#46
1,1'-Biphenyl
Concen: 38.608 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:154 Resp: 903927
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.3 0.0 31.9



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

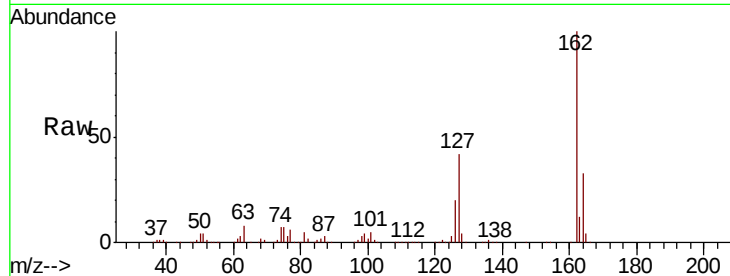




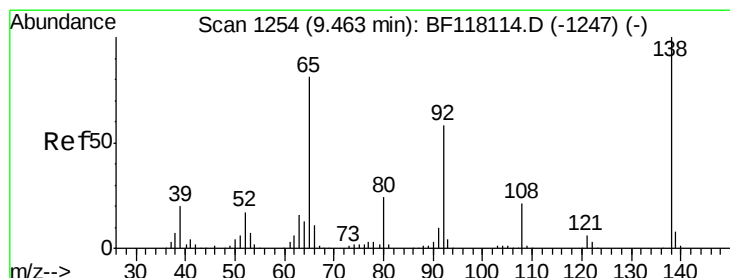
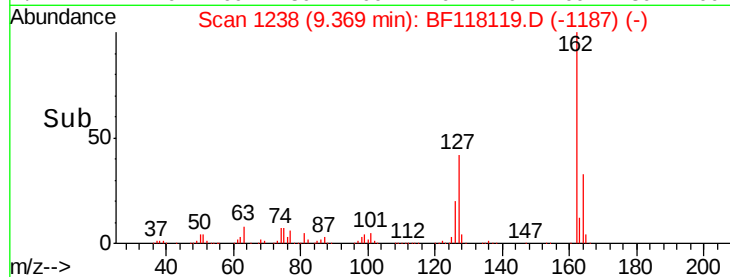
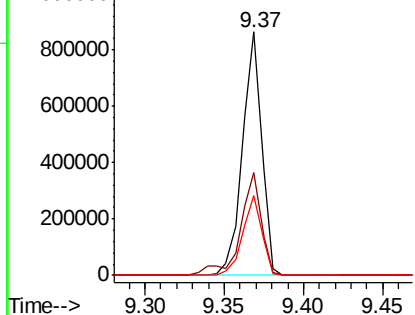
#47
 2-Chloronaphthalene
 Concen: 38.512 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	725322
Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.0	48.0
164	32.9	26.1	39.1

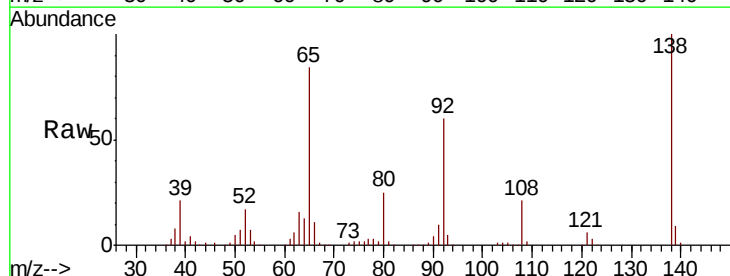


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

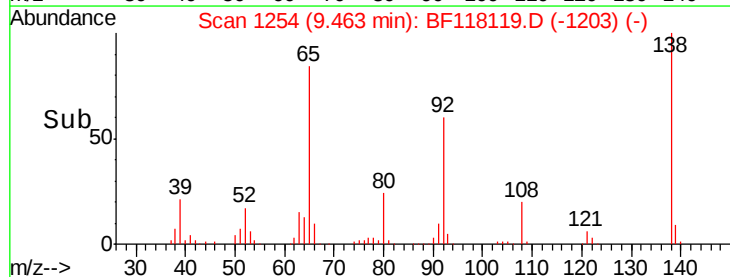
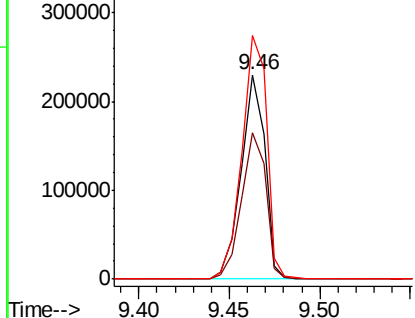


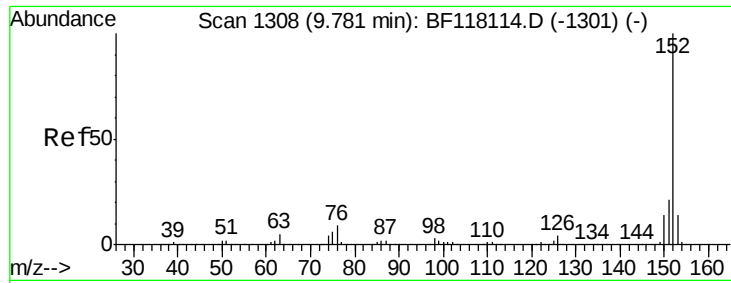
#48
 2-Nitroaniline
 Concen: 39.182 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion:	65	Resp:	210441
Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.8	86.6
138	119.1	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: 39.207 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

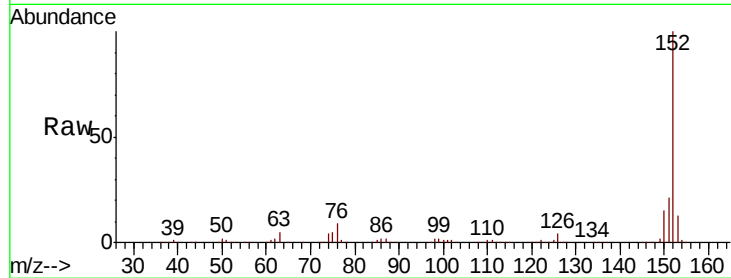
Tot Ion:152 Resp: 1089114

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

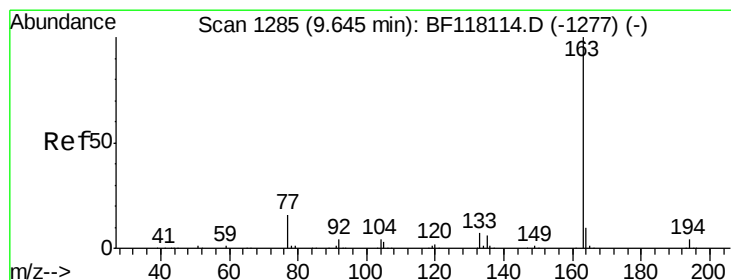
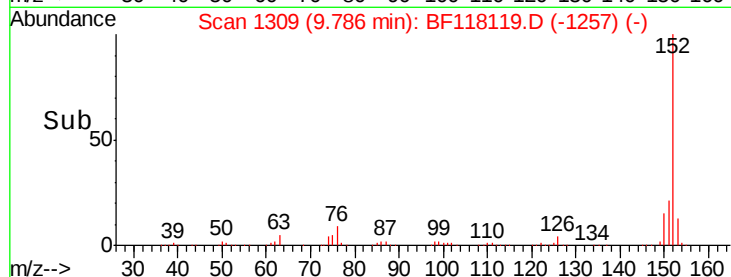
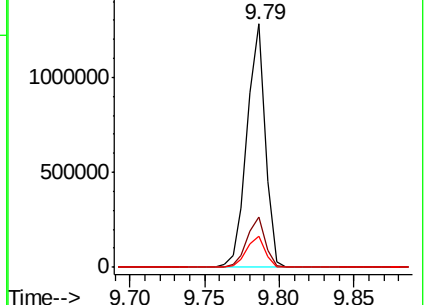
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.996 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

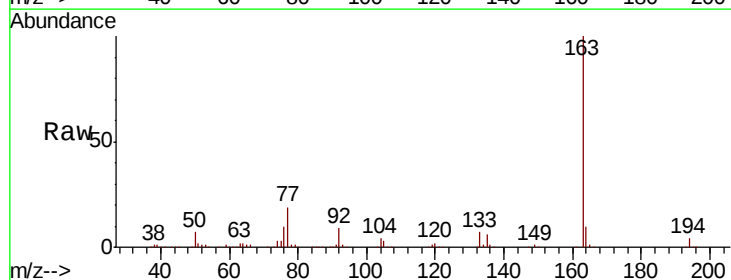
Tgt Ion:163 Resp: 833158

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

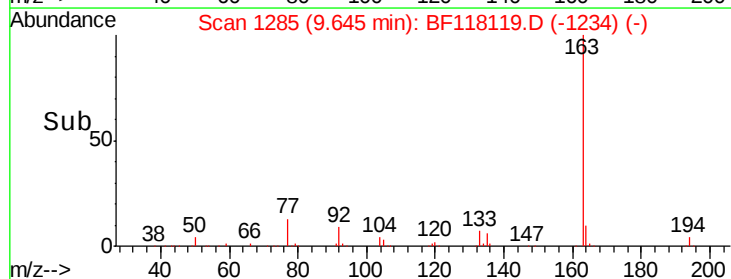
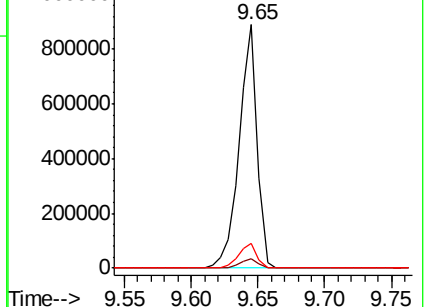
164 10.1 7.7 11.5

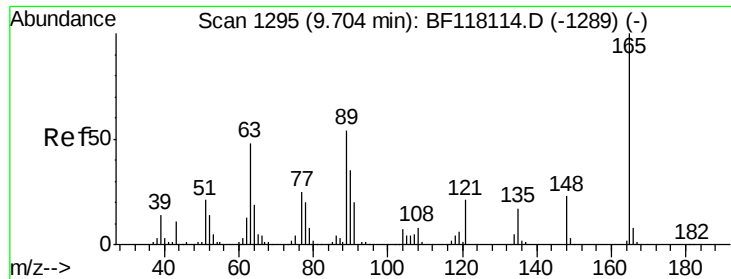


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.821 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

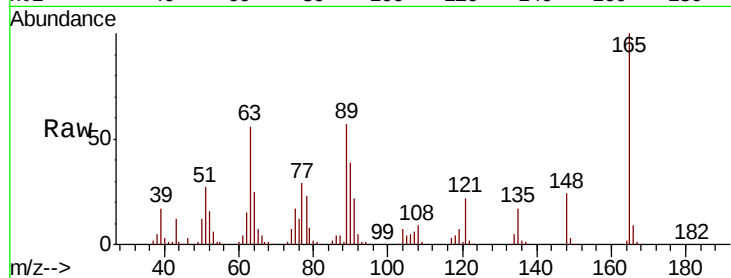
Tot Ion:165 Resp: 185099

Ion Ratio Lower Upper

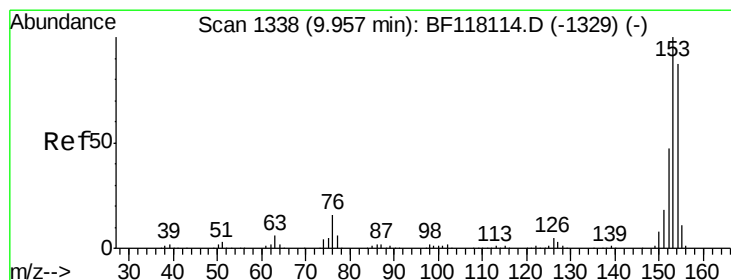
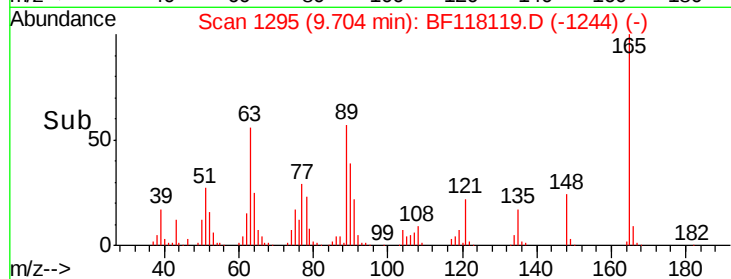
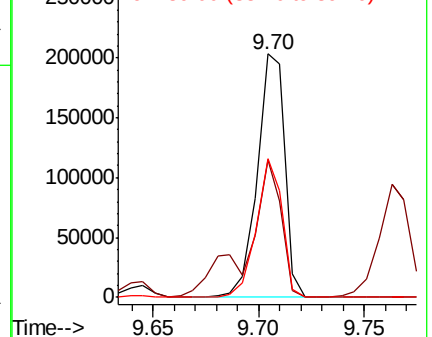
165 100

63 56.4 41.4 62.0

89 56.9 42.9 64.3



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



#52

Acenaphthene

Concen: 38.361 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

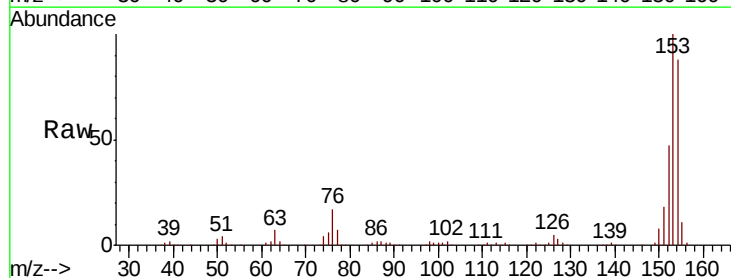
Tgt Ion:154 Resp: 650403

Ion Ratio Lower Upper

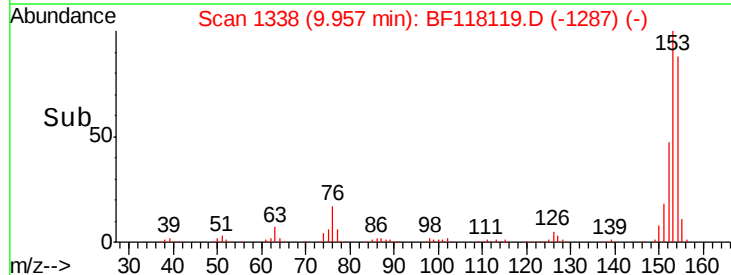
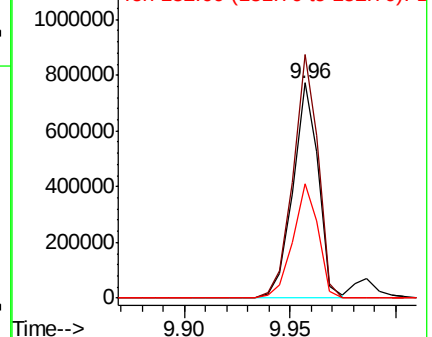
154 100

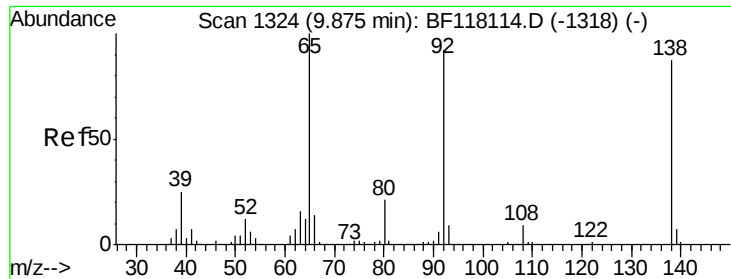
153 113.0 91.8 137.6

152 53.3 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

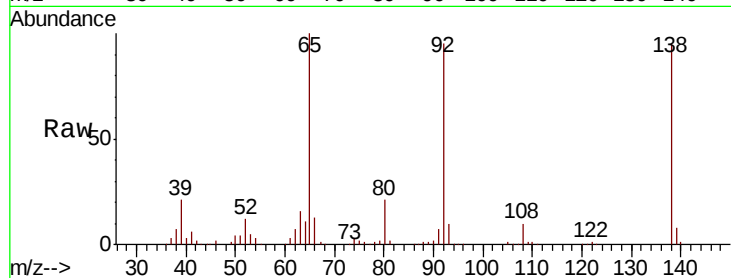




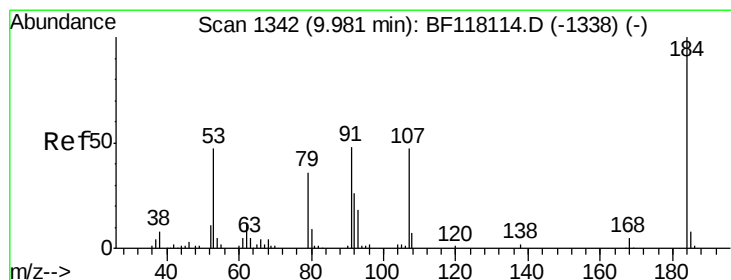
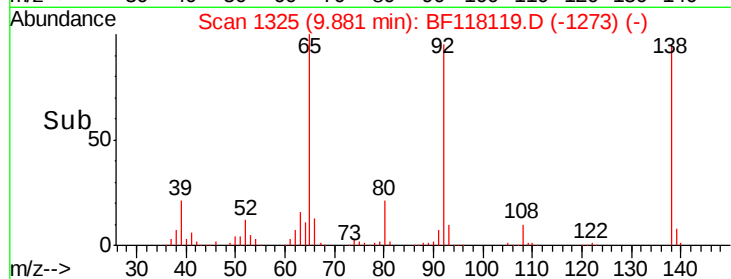
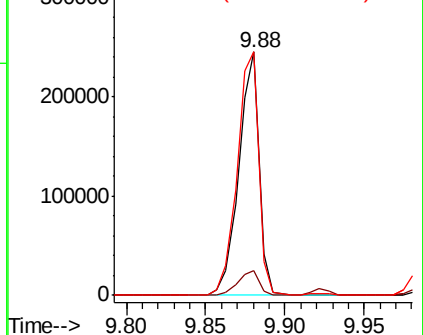
#53
3-Nitroaniline
Concen: 38.700 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 217150
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 100.2 84.9 127.3

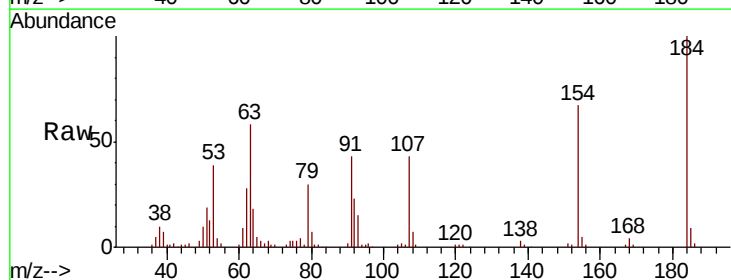


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

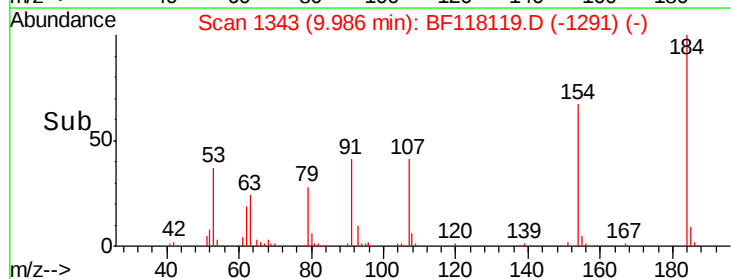
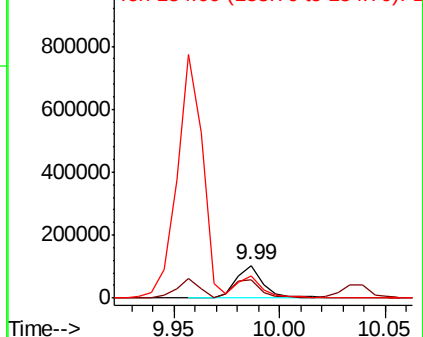


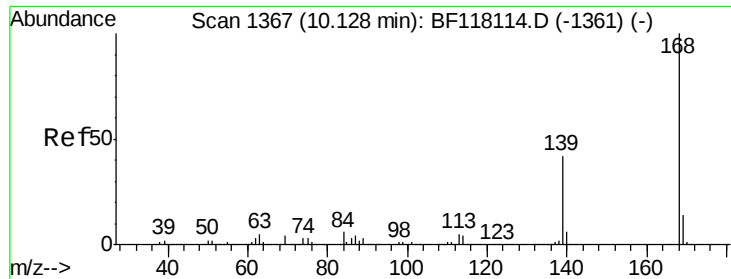
#54
2,4-Dinitrophenol
Concen: 39.146 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:184 Resp: 92859
Ion Ratio Lower Upper
184 100
63 57.6 53.9 80.9
154 66.5 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

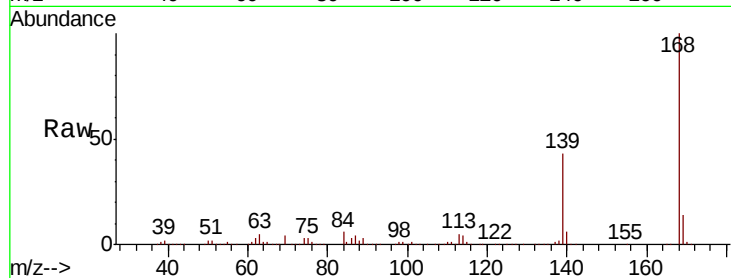




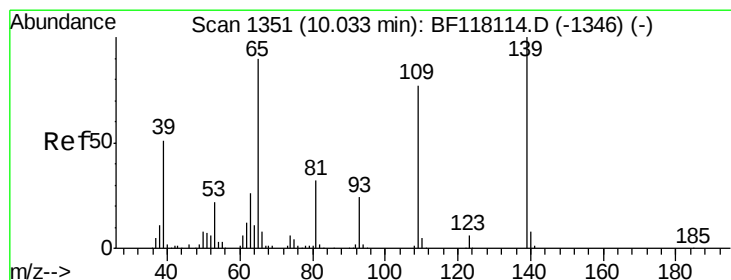
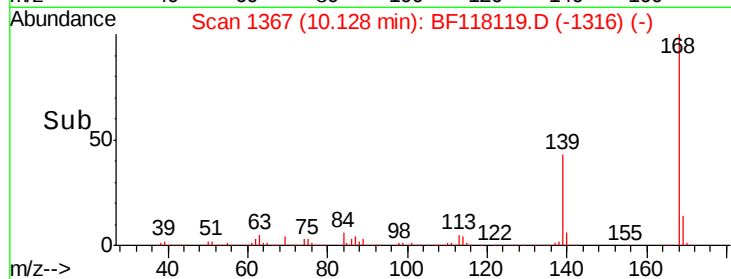
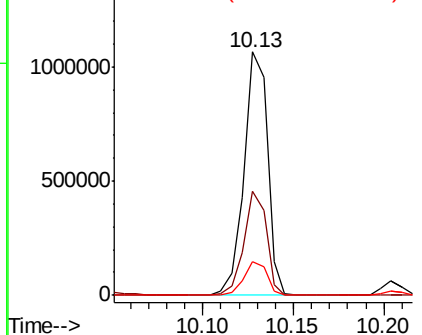
#55
Dibenzenofuran
Concen: 38.739 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 962409
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.0
169 13.7 11.0 16.6

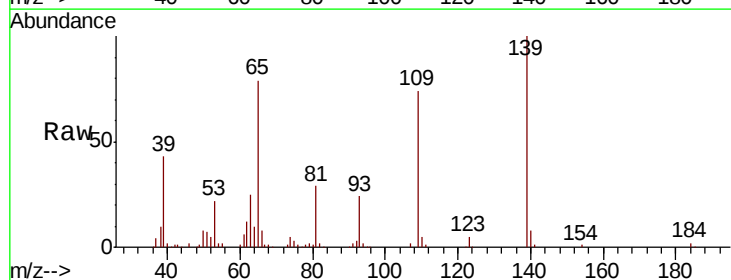


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

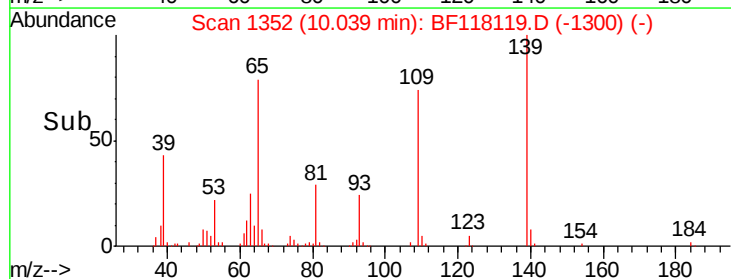
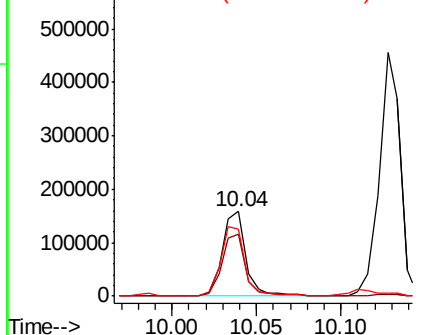


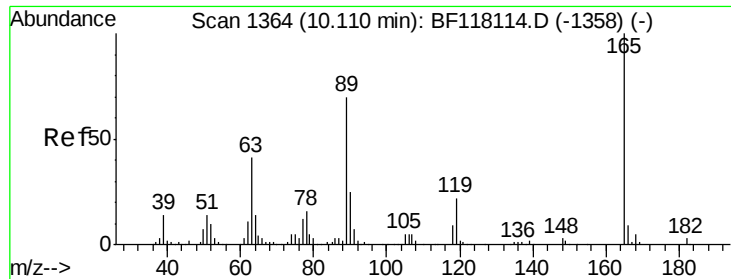
#56
4-Nitrophenol
Concen: 39.834 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:139 Resp: 155119
Ion Ratio Lower Upper
139 100
109 73.7 57.3 97.3
65 79.3 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

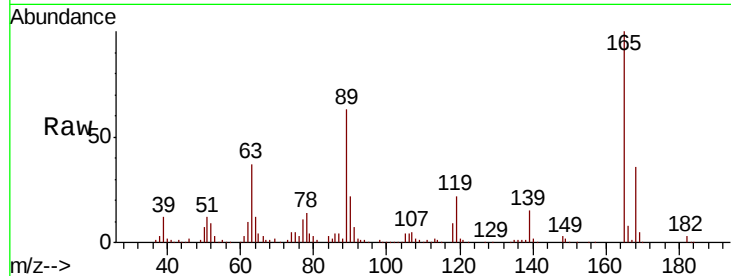




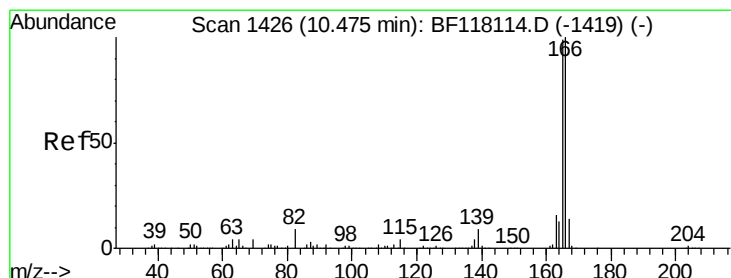
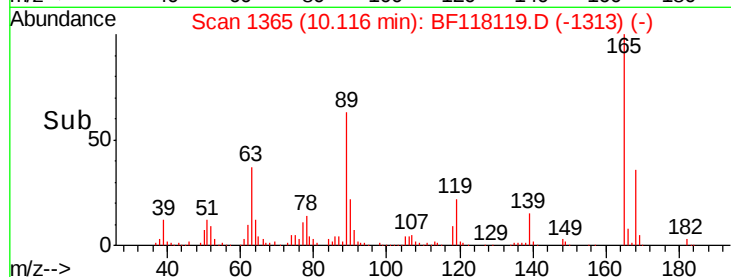
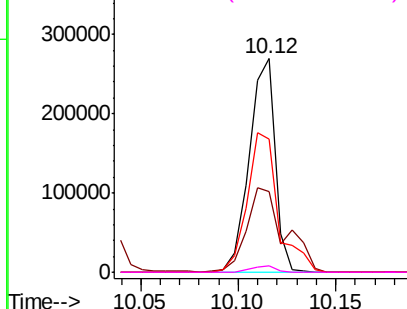
#57
 2,4-Dinitrotoluene
 Concen: 38.949 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	247870
Ion	Ratio	Lower	Upper
165	100		
63	37.5	32.6	49.0
89	62.6	56.1	84.1
182	3.2	2.1	3.1#

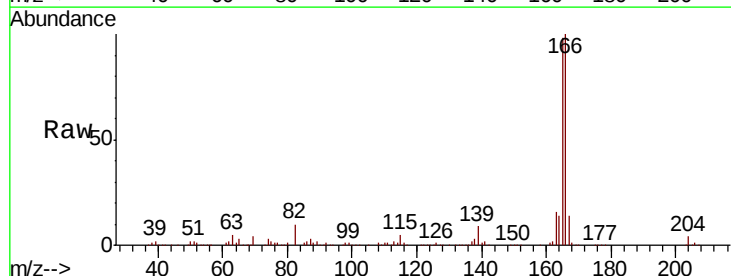


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

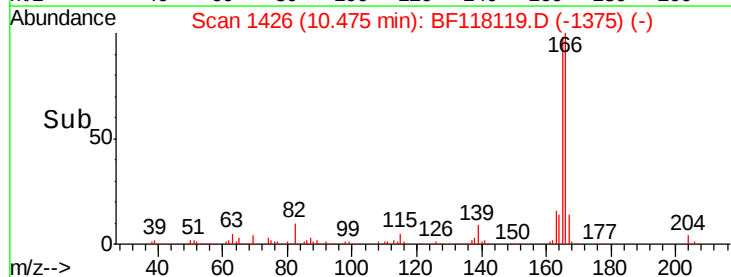
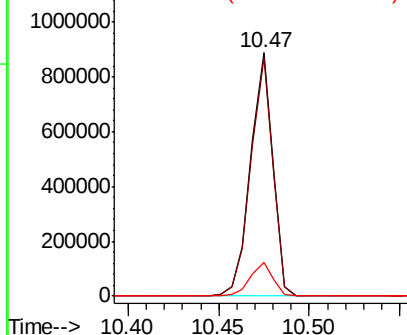


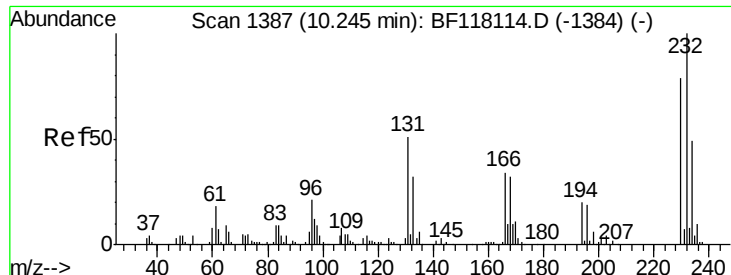
#58
 Fluorene
 Concen: 38.659 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion:	166	Resp:	763249
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.6	10.9	16.3



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

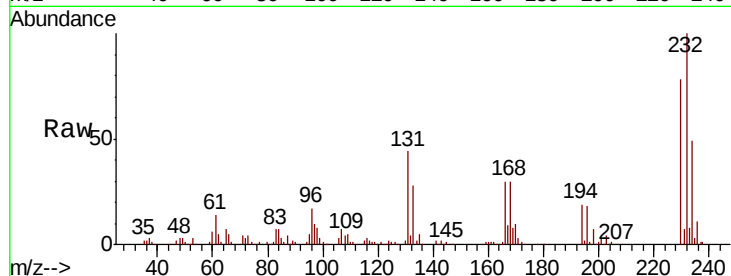




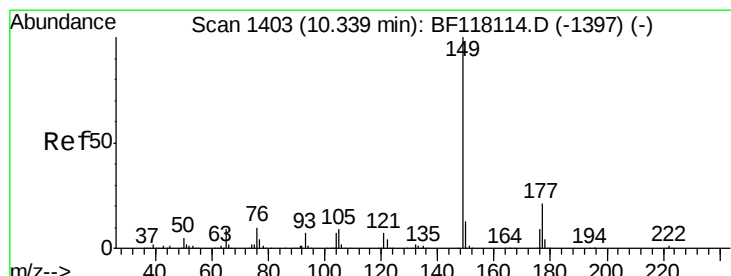
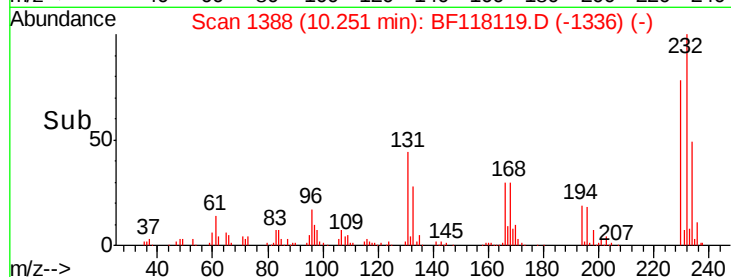
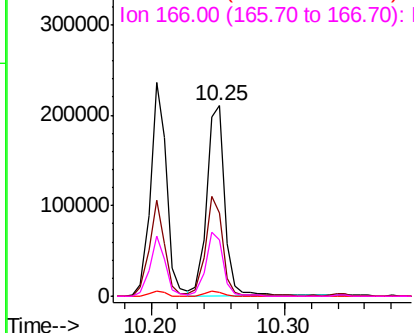
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.7	38.8	58.2
130	2.5	1.9	2.9
166	32.9	25.4	38.0

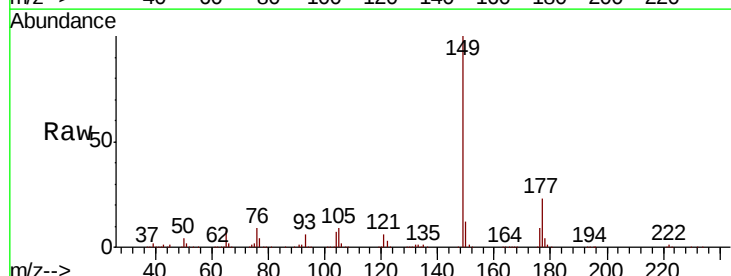


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

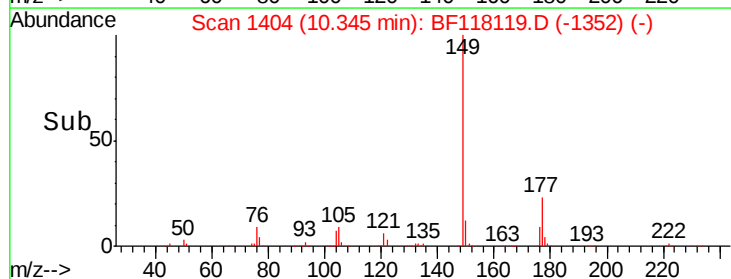
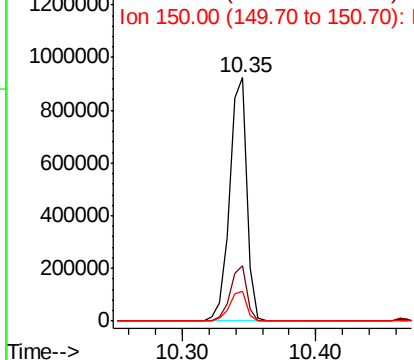


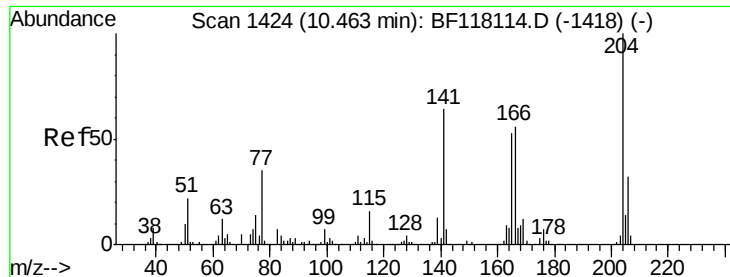
#60
Diethylphthalate
Concen: 38.979 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.4
150	12.3	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

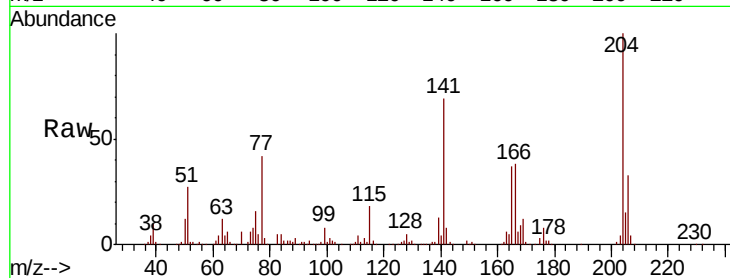




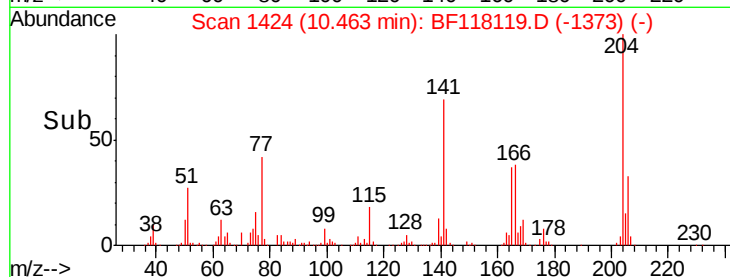
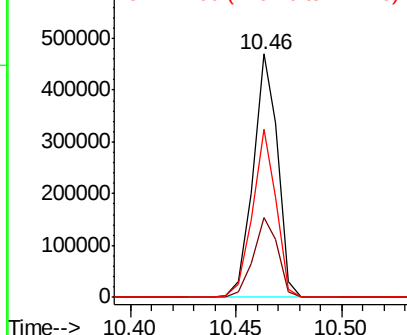
#61
4-Chlorophenyl-phenylether
Concen: 38.235 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 379821
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 69.1 51.0 76.6

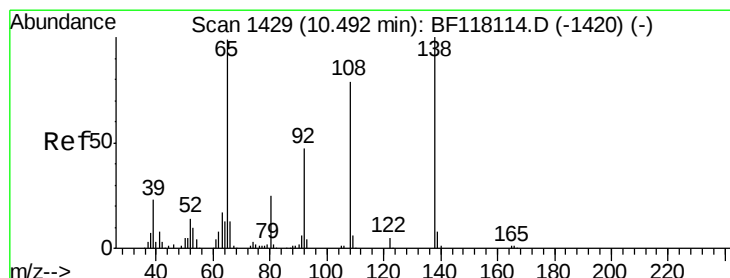


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

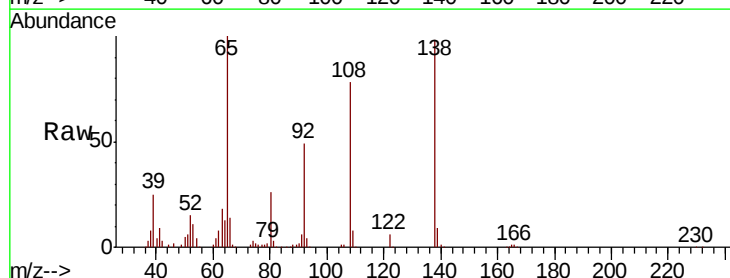
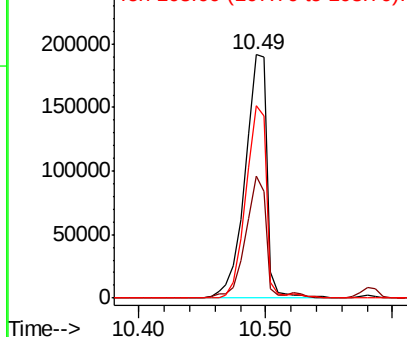


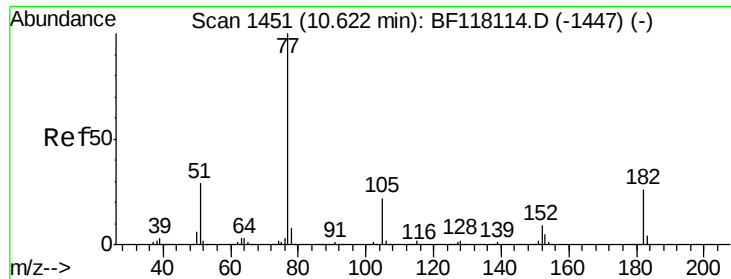
#62
4-Nitroaniline
Concen: 39.428 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:138 Resp: 230739
Ion Ratio Lower Upper
138 100
92 49.9 27.1 67.1
108 79.2 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: 38.662 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 713024

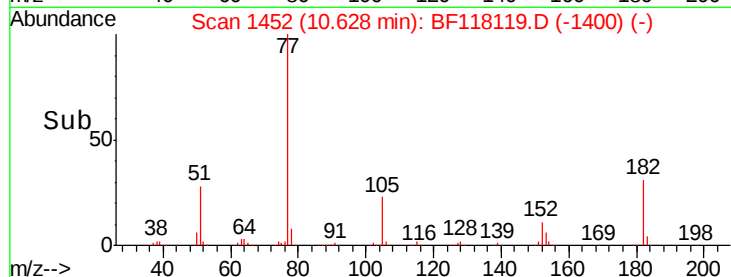
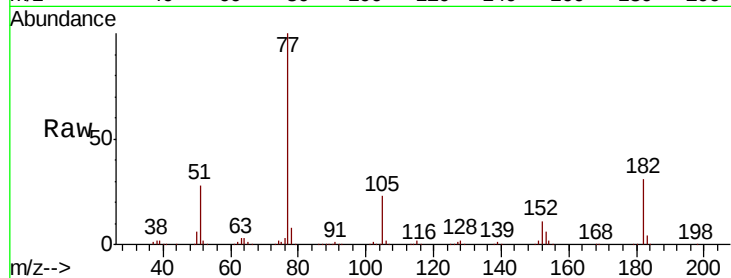
Ion Ratio Lower Upper

77 100

182 30.8 5.7 45.7

105 22.9 2.2 42.2

51 28.2 9.6 49.6

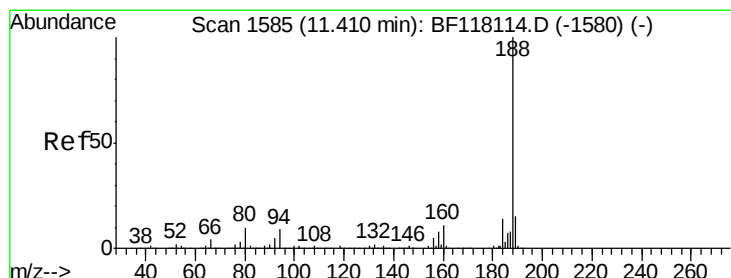
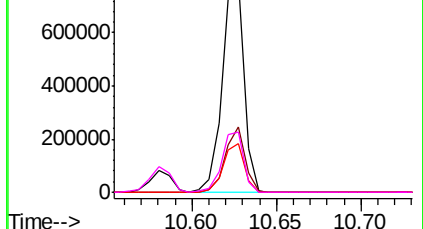


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118119.D

Acq: 6 Dec 2019 17:43

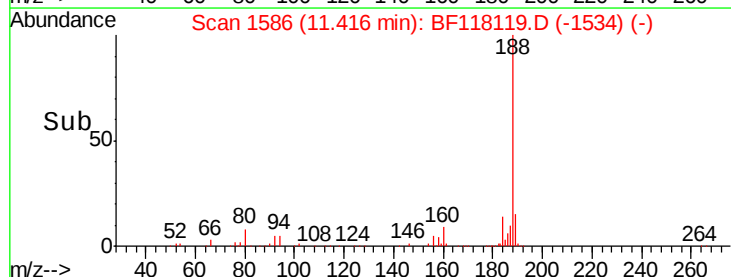
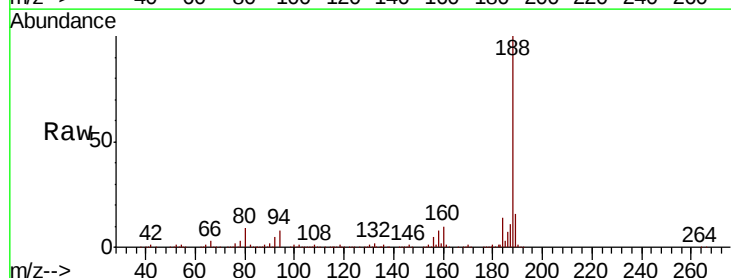
Tgt Ion: 188 Resp: 554395

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

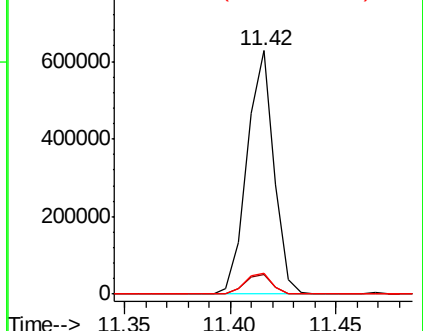
80 8.8 7.9 11.9

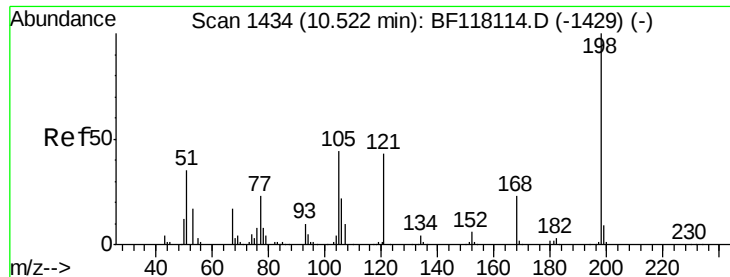


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

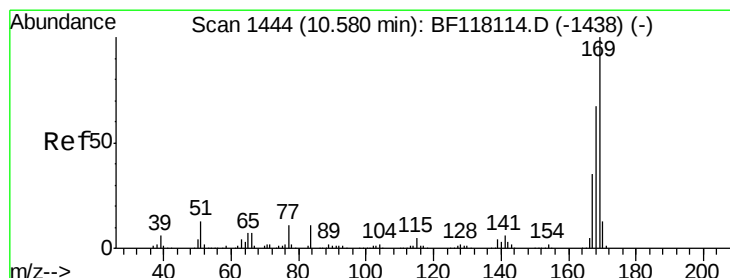
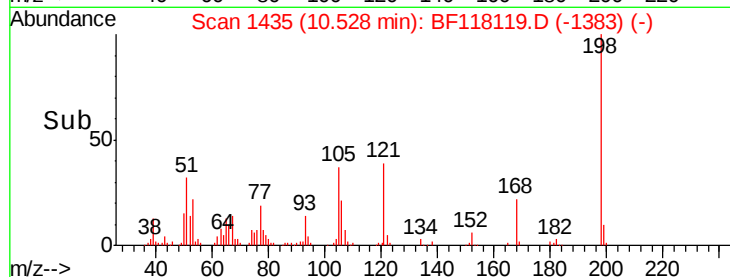
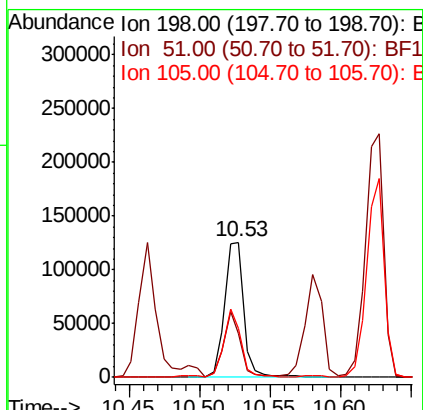
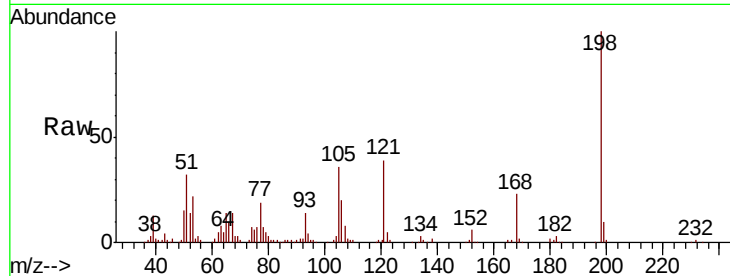




#65
4,6-Dinitro-2-methylphenol
Concen: 39.241 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

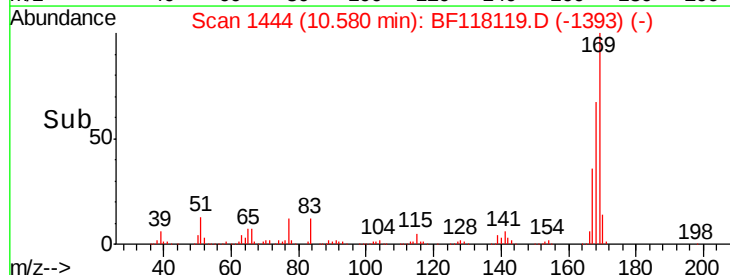
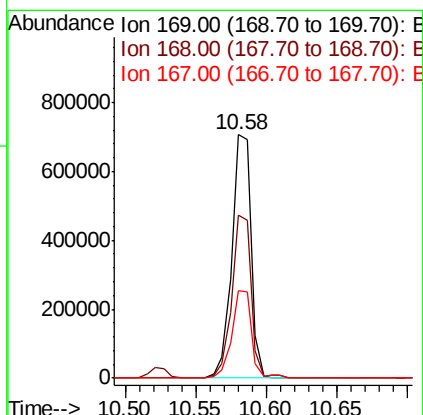
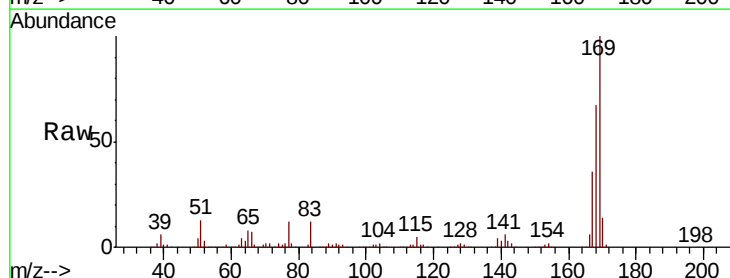
Instrument :
BNA_F
ClientSampleId :

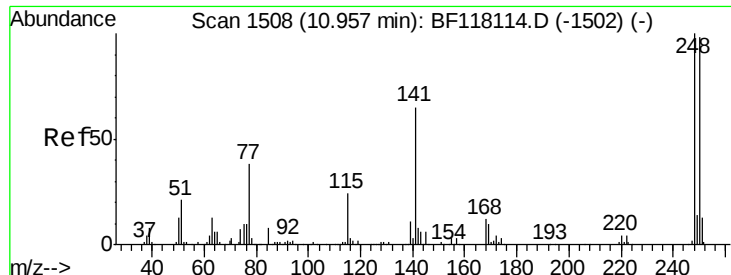
Tot Ion:198 Resp: 120144
Ion Ratio Lower Upper
198 100
51 32.4 22.0 62.0
105 36.4 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 38.719 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:169 Resp: 670338
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 35.7 28.4 42.6

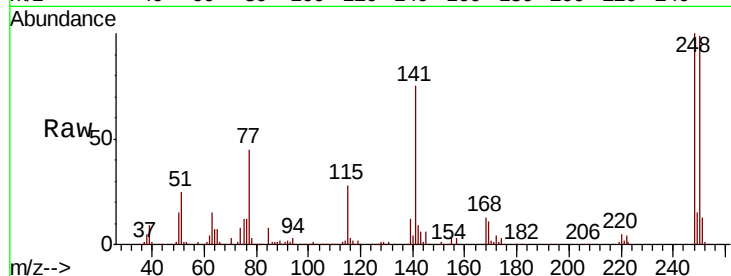




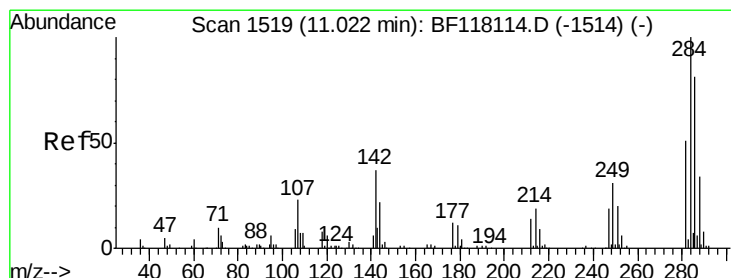
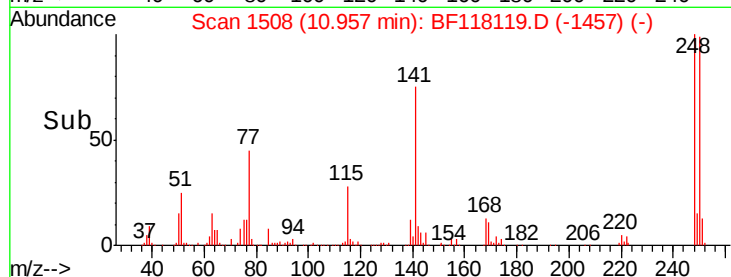
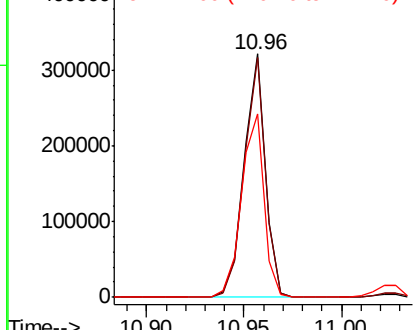
#67
4-Bromophenyl-phenylether
Concen: 38.412 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 243093
Ion Ratio Lower Upper
248 100
250 98.6 78.3 117.5
141 75.4 52.2 78.4

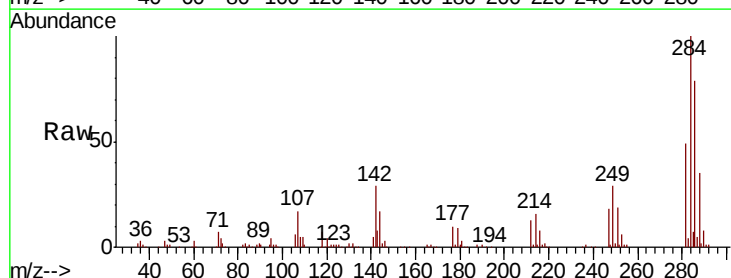


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

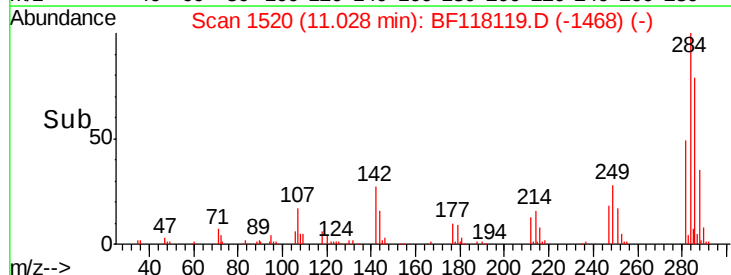
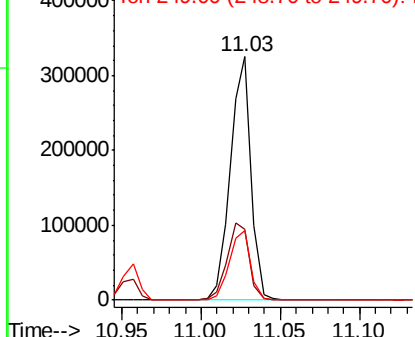


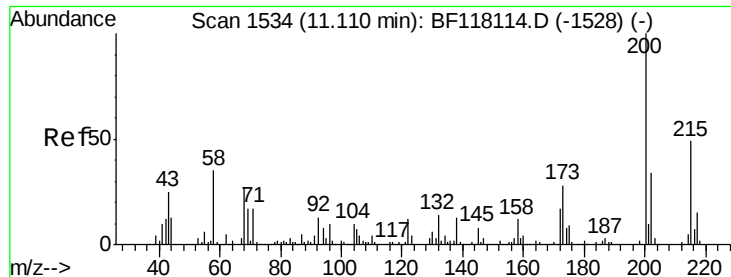
#68
Hexachlorobenzene
Concen: 39.235 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:284 Resp: 292253
Ion Ratio Lower Upper
284 100
142 29.0 29.7 44.5#
249 28.7 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

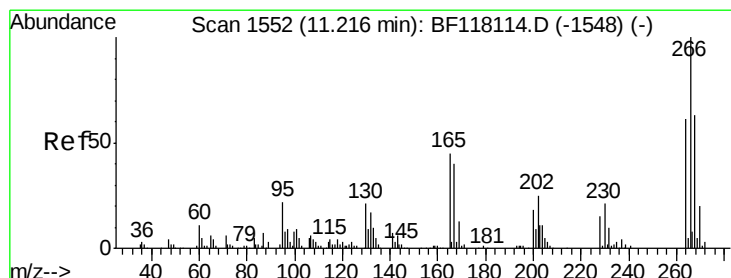
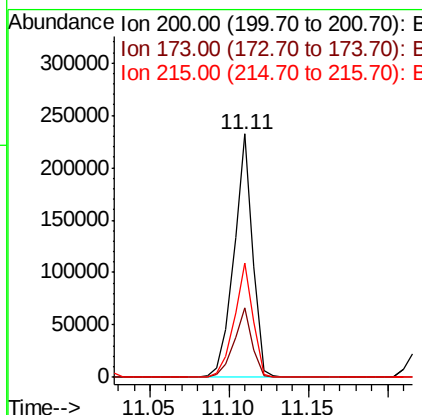
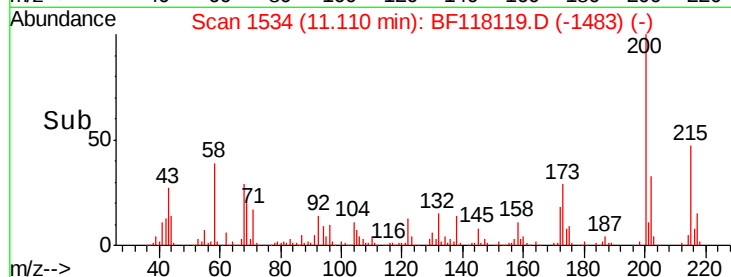
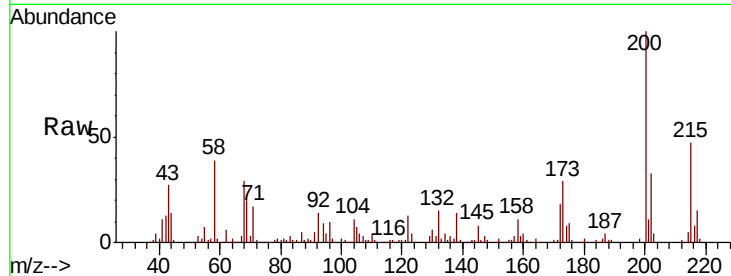




#69
Atrazine
Concen: 39.323 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

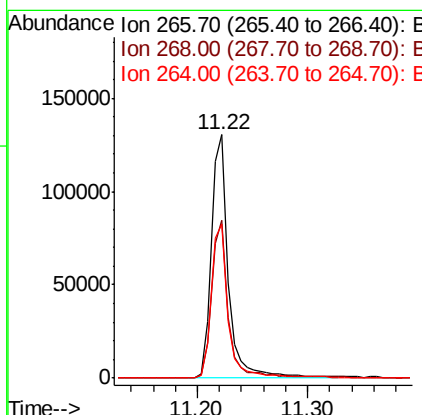
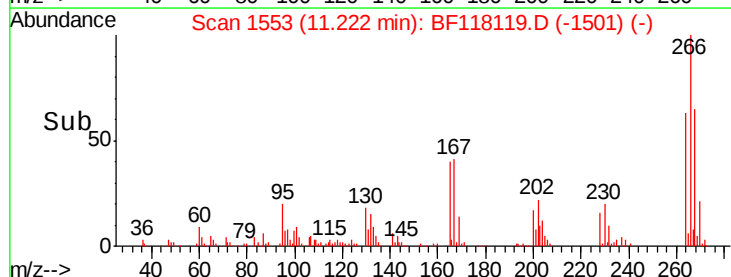
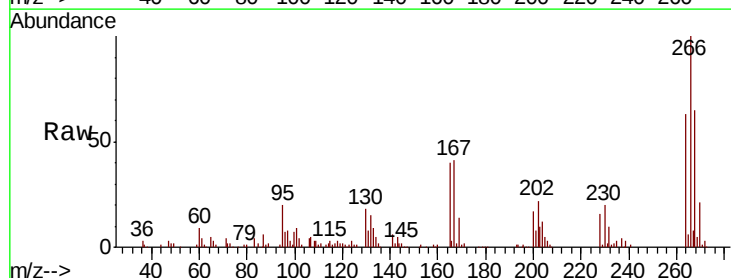
Instrument :
BNA_F
ClientSampleId :

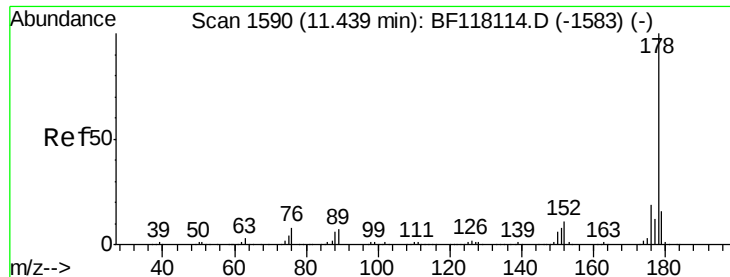
Tot Ion:200 Resp: 189569
Ion Ratio Lower Upper
200 100
173 28.5 8.1 48.1
215 47.2 29.0 69.0



#70
Pentachlorophenol
Concen: 39.373 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:266 Resp: 137923
Ion Ratio Lower Upper
266 100
268 65.0 50.7 76.1
264 63.1 48.7 73.1





#71

Phenanthrene

Concen: 39.217 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

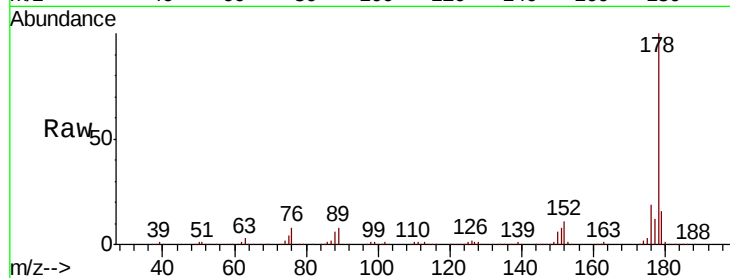
Tot Ion:178 Resp: 1155766

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

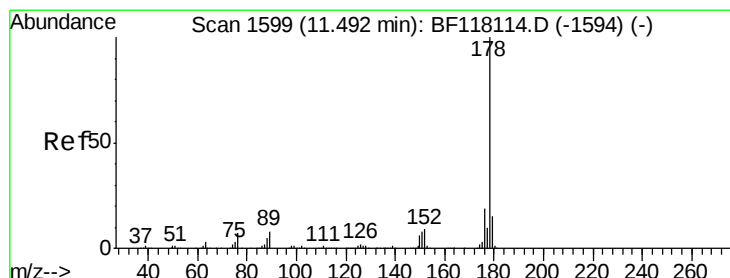
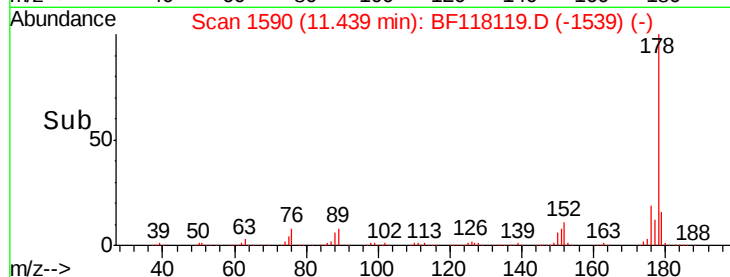
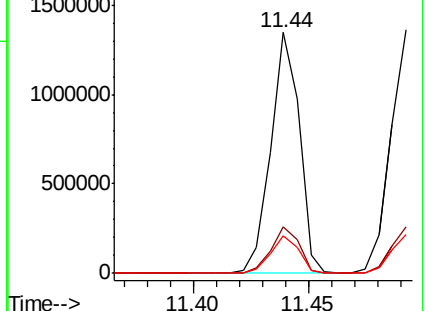
179 15.8 12.6 18.8



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: 38.916 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

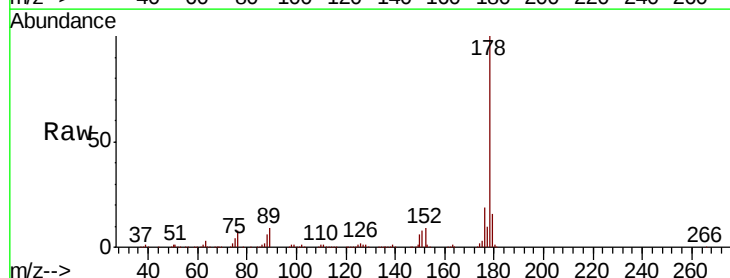
Tgt Ion:178 Resp: 1144116

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

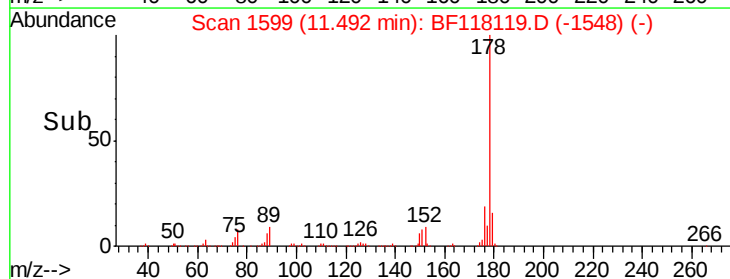
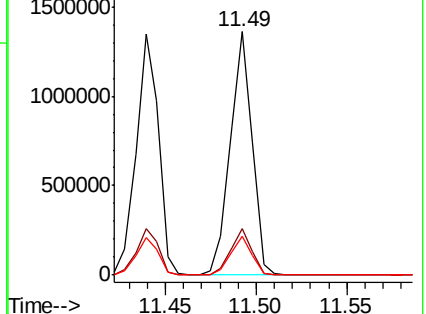
179 15.8 12.2 18.4



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

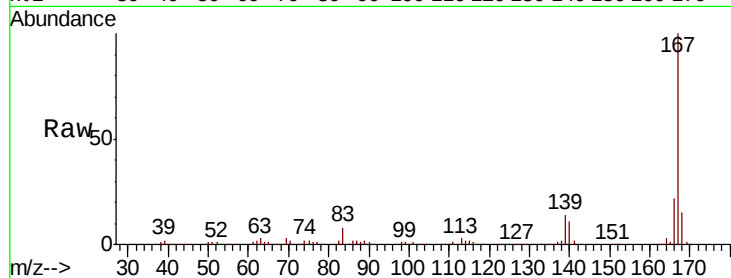




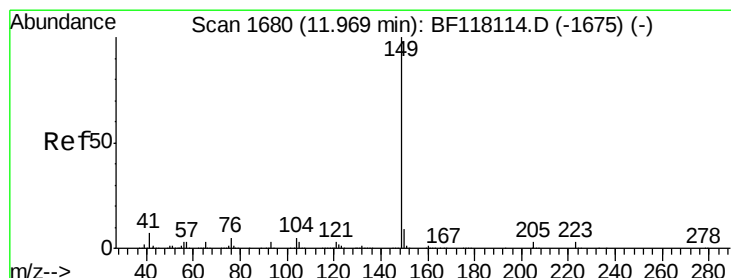
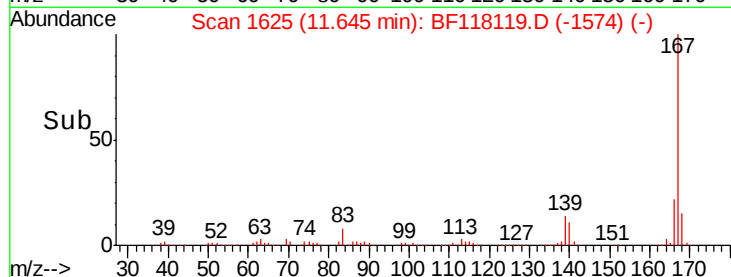
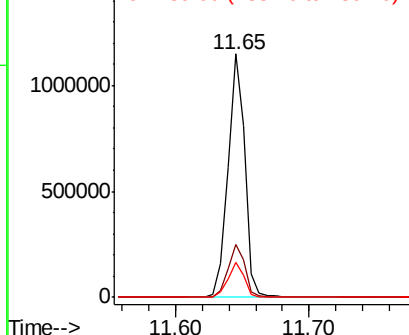
#73
 Carbazole
 Concen: 38.921 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1026644
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.3 11.4 17.0

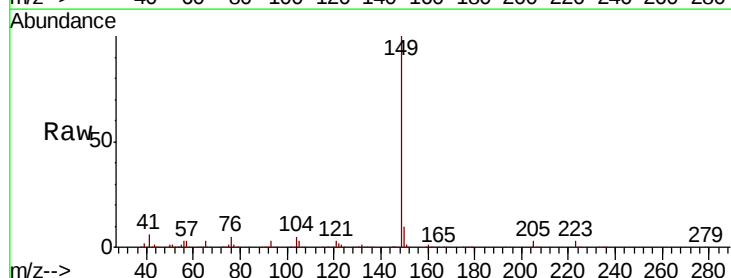


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

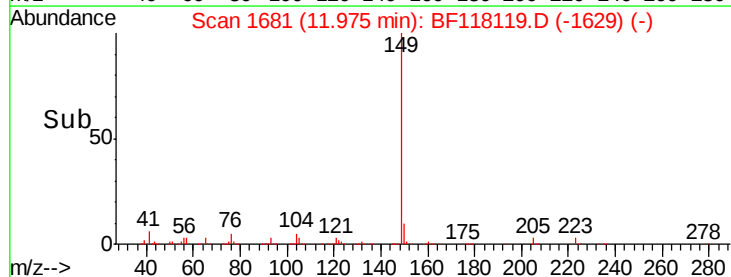
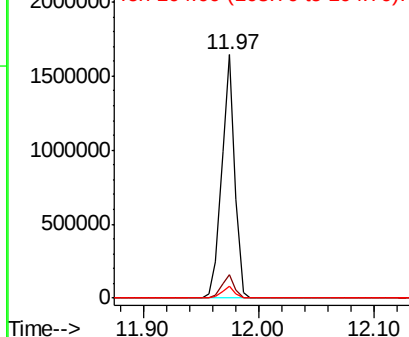


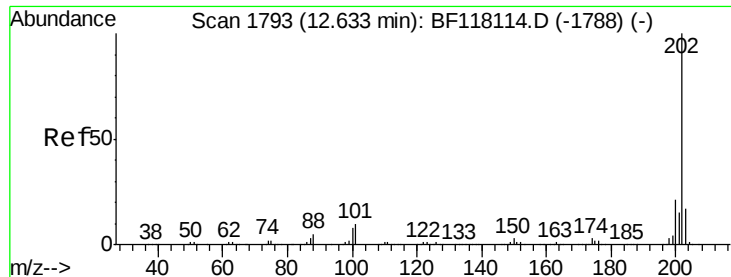
#74
 Di-n-butylphthalate
 Concen: 38.679 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion:149 Resp: 1276889
 Ion Ratio Lower Upper
 149 100
 150 9.7 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

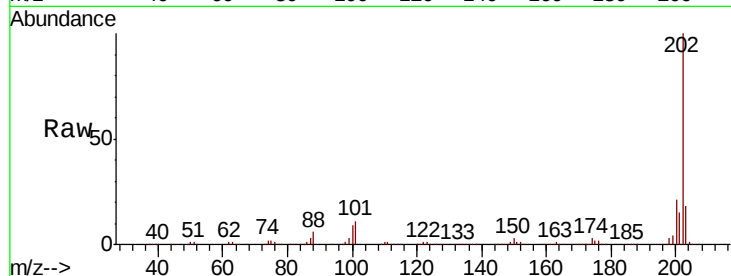




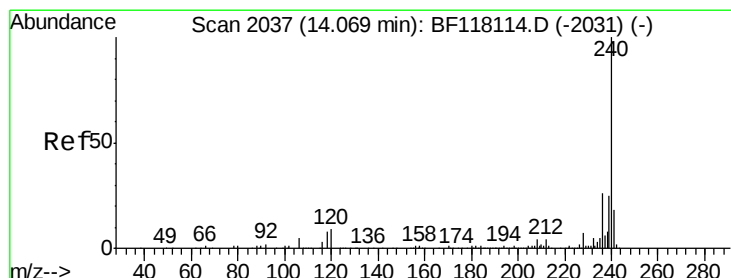
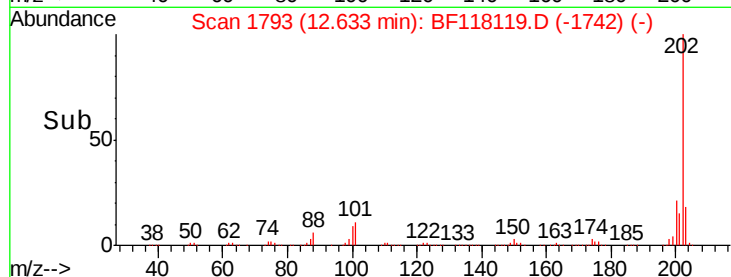
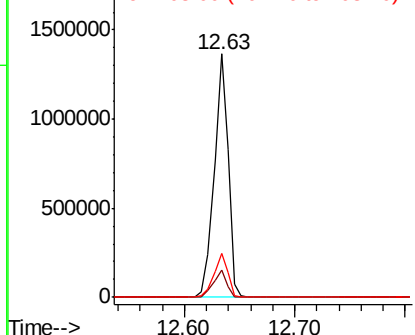
#75
Fluoranthene
Concen: 38.987 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1174732
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.4
203 17.9 0.0 37.2

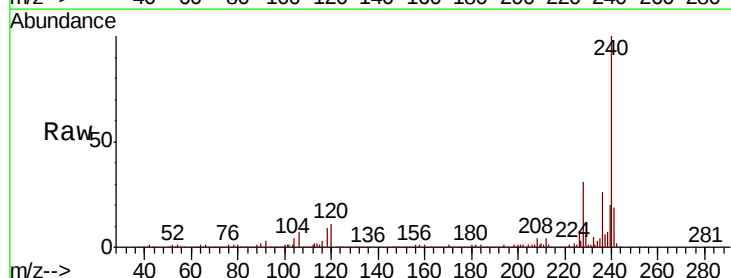


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

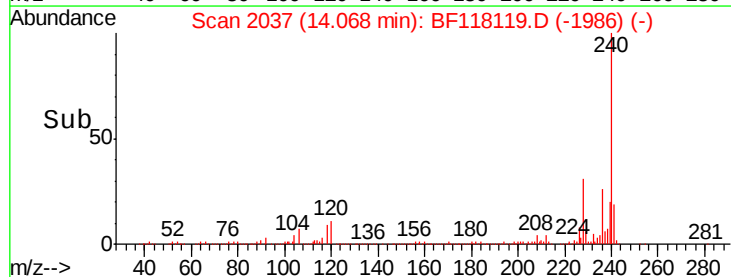
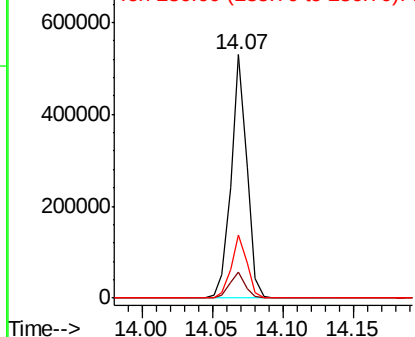


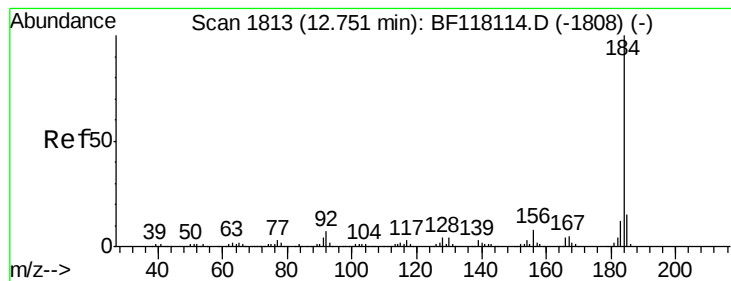
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:240 Resp: 411565
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 26.0 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: 39.070 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

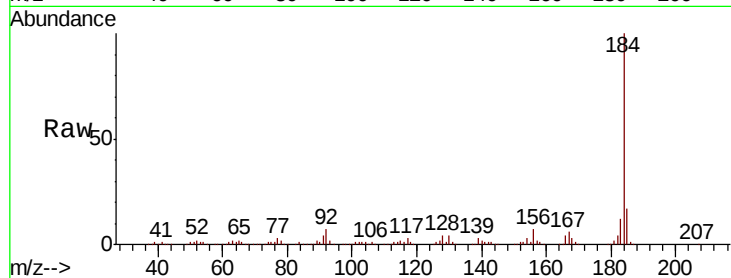
Tot Ion:184 Resp: 423308

Ion Ratio Lower Upper

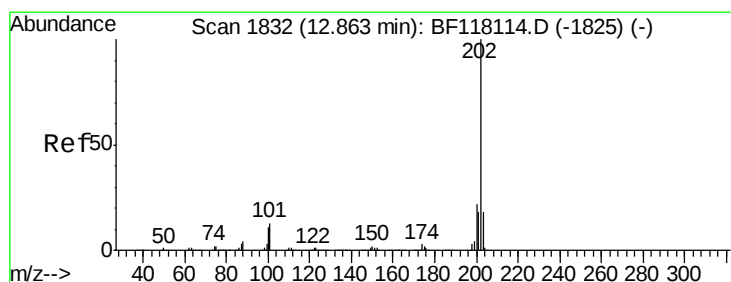
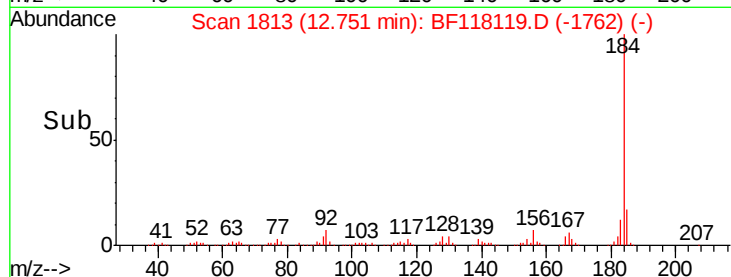
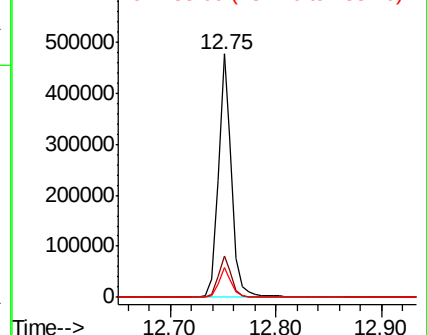
184 100

185 16.9 12.3 18.5

183 12.2 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: 36.961 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

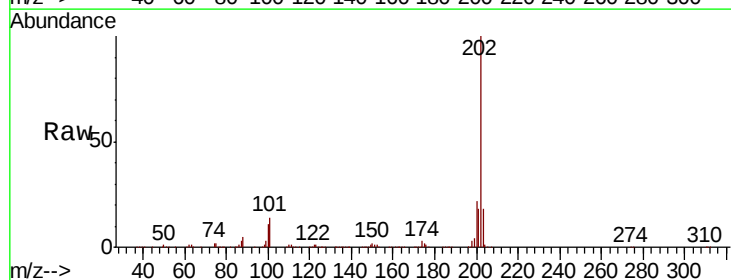
Tgt Ion:202 Resp: 1198759

Ion Ratio Lower Upper

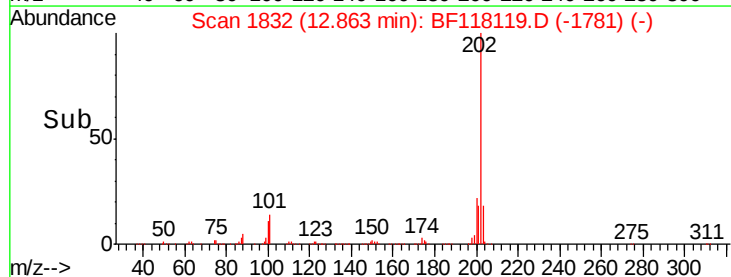
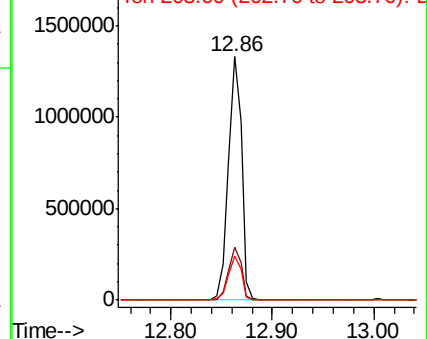
202 100

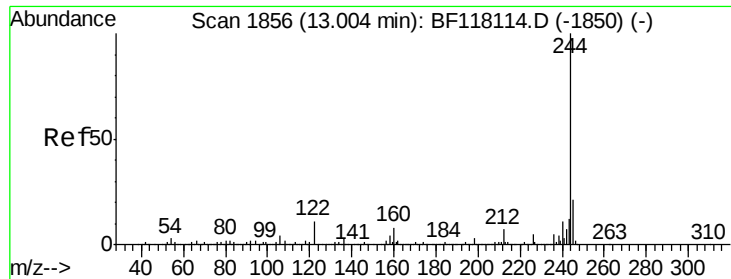
200 21.5 17.5 26.3

203 18.2 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.690 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

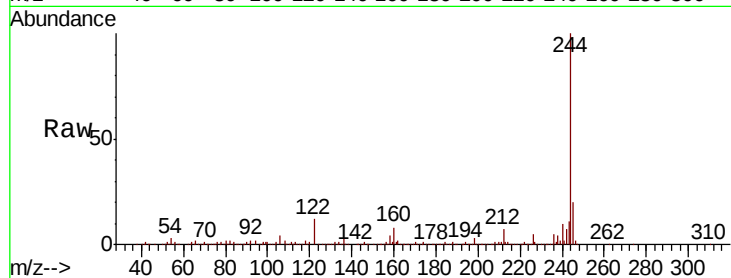
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1787577

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.7	9.0	13.6

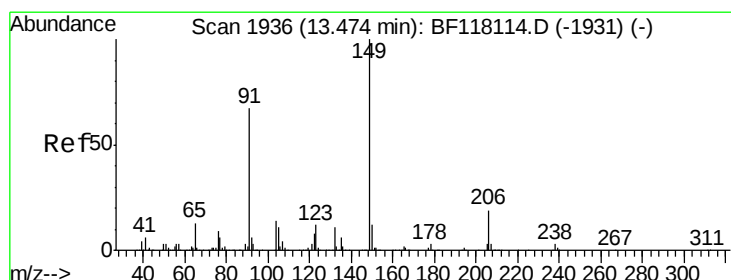
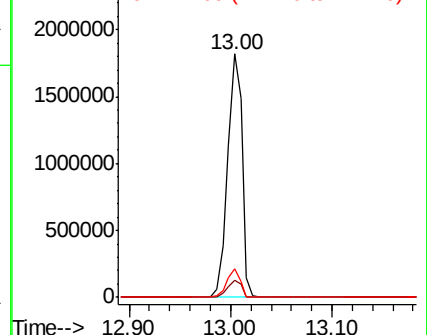
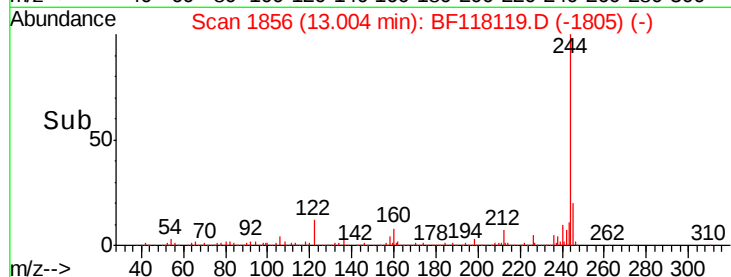


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.015 ng

RT: 13.48 min Scan# 1937

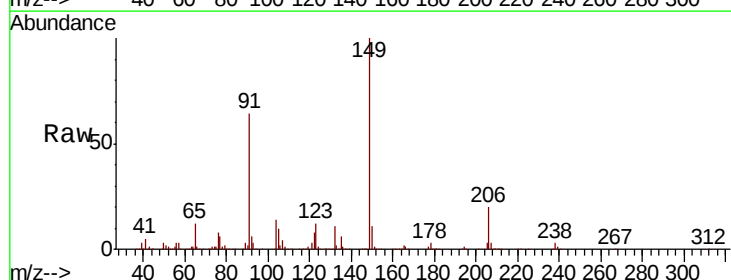
Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:149 Resp: 543698

Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.9	80.9
206	20.2	15.2	22.8

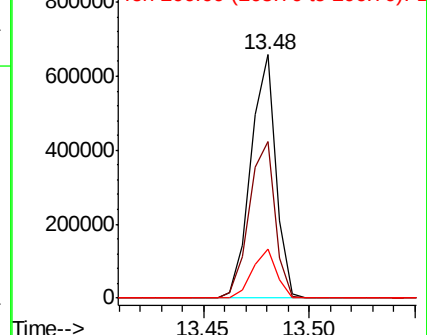
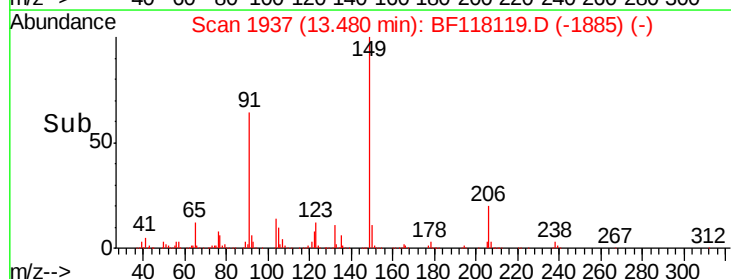


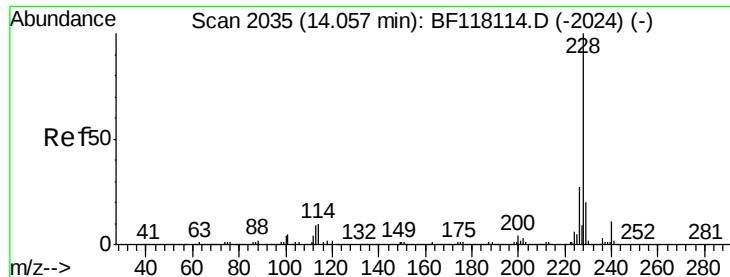
Abundance

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: 38.231 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

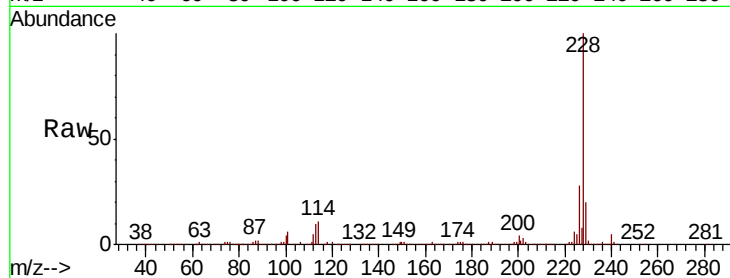
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1087986

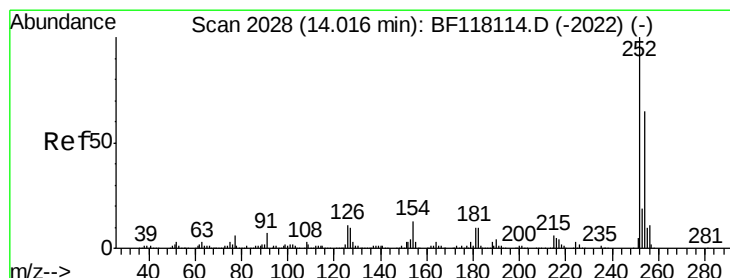
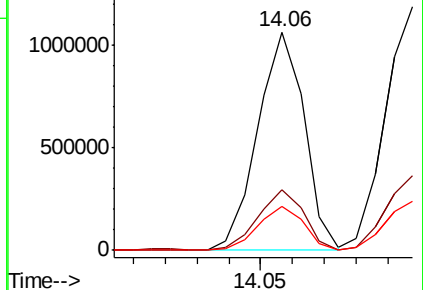
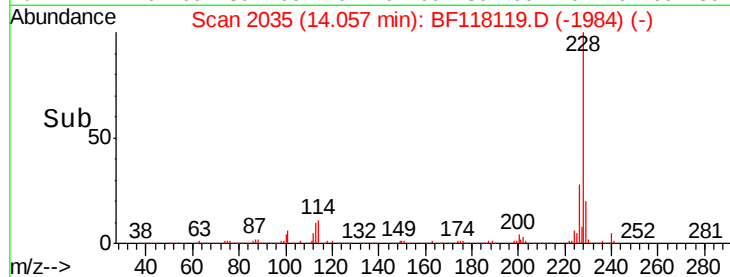
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.4	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.805 ng

RT: 14.02 min Scan# 2028

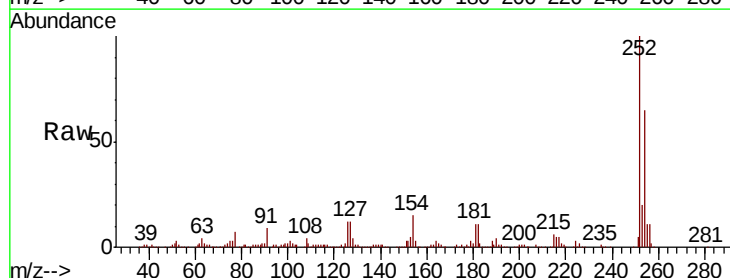
Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:252 Resp: 353336

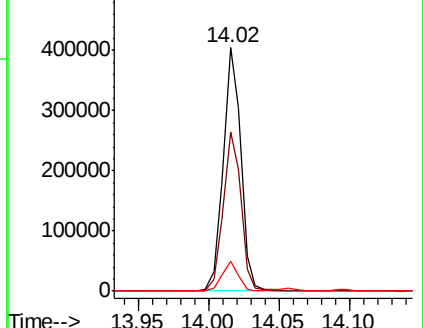
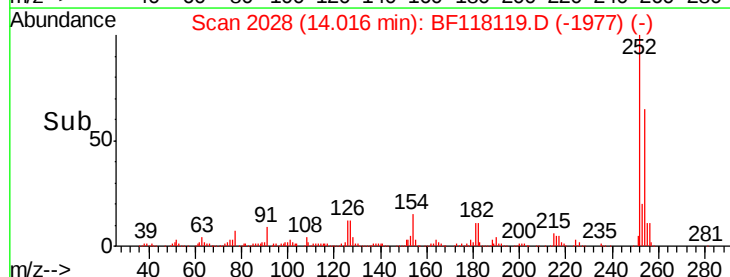
Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	12.3	8.6	13.0

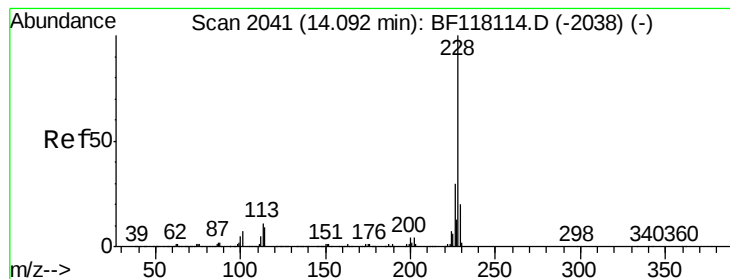


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.256 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

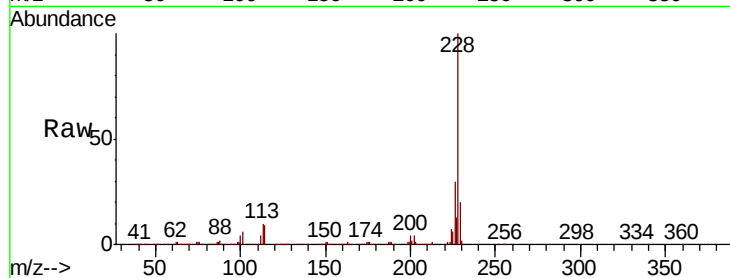
Tot Ion:228 Resp: 1039963

Ion Ratio Lower Upper

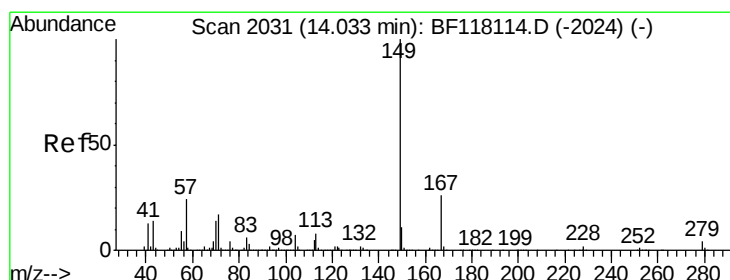
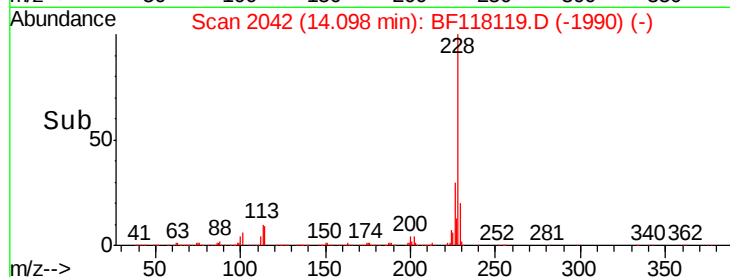
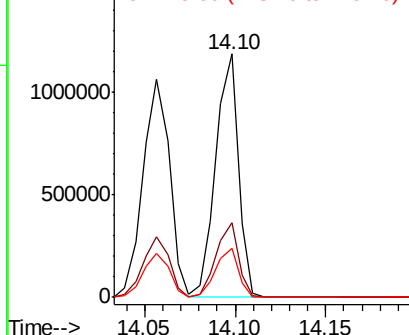
228 100

226 30.4 23.8 35.8

229 19.9 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: 38.108 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

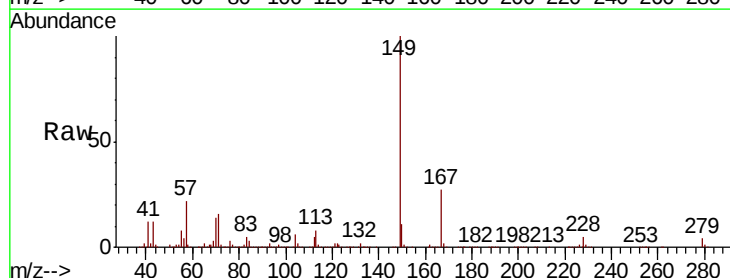
Tgt Ion:149 Resp: 738089

Ion Ratio Lower Upper

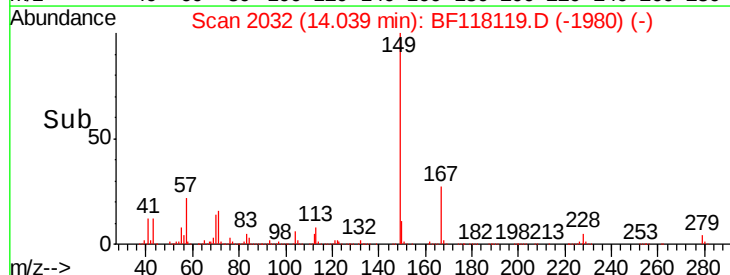
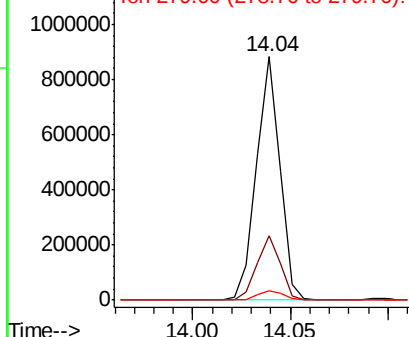
149 100

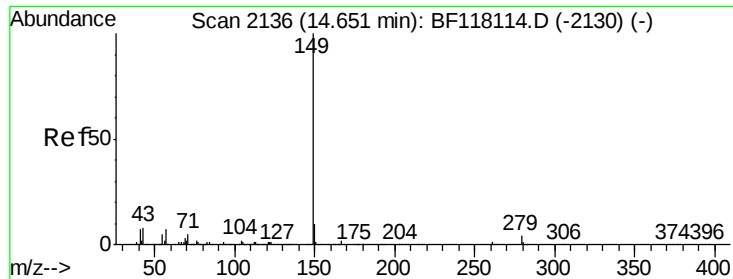
167 26.7 20.8 31.2

279 4.1 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

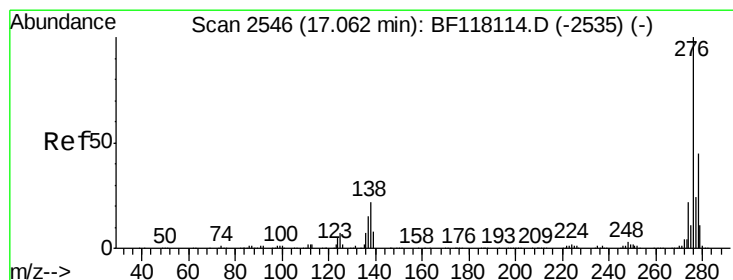
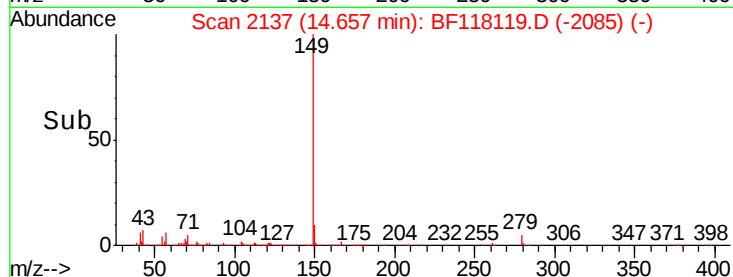
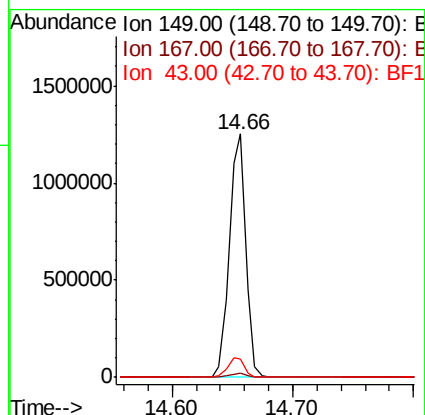
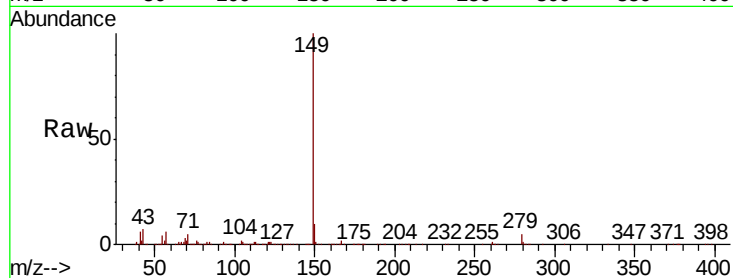




#85
Di-n-octyl phthalate
Concen: 39.996 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

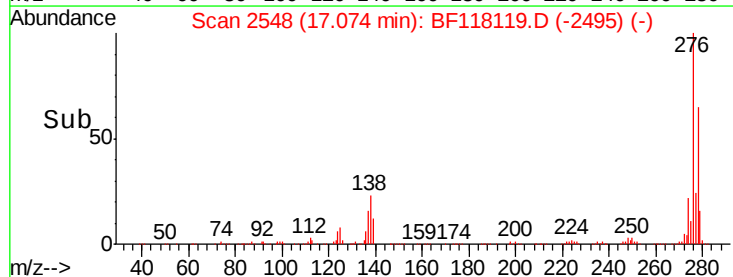
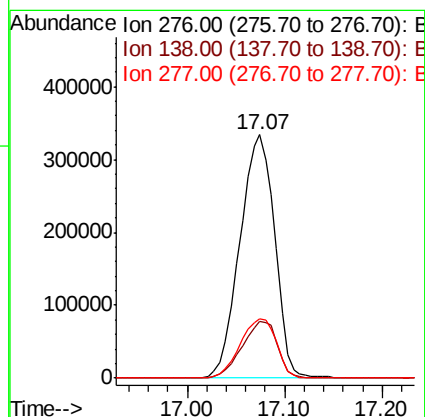
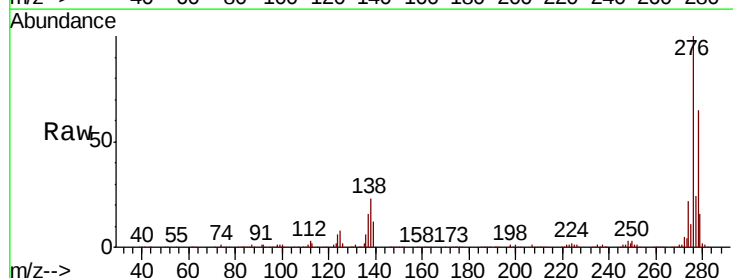
Instrument :
BNA_F
ClientSampleId :

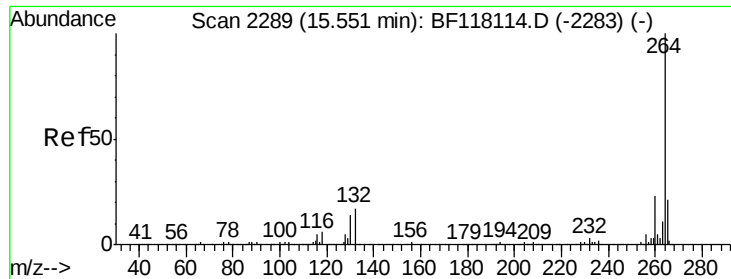
Tot Ion:149 Resp: 1173471
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.1 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.473 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:276 Resp: 834255
Ion Ratio Lower Upper
276 100
138 23.7 18.9 28.3
277 25.5 20.4 30.6

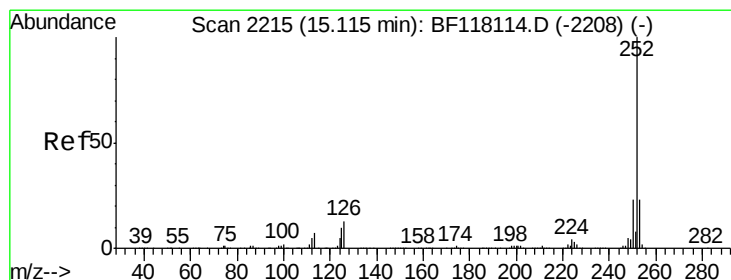
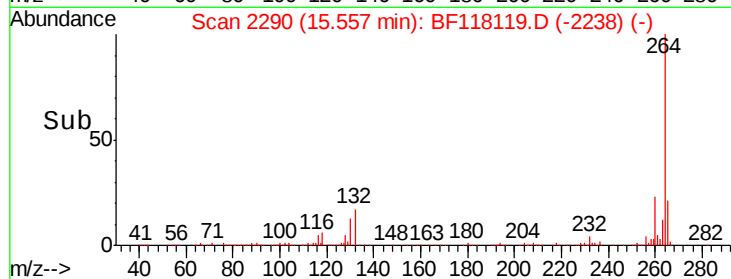
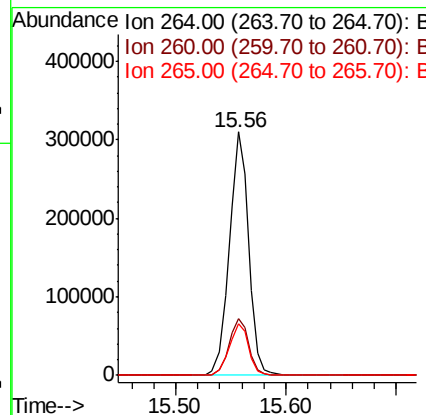
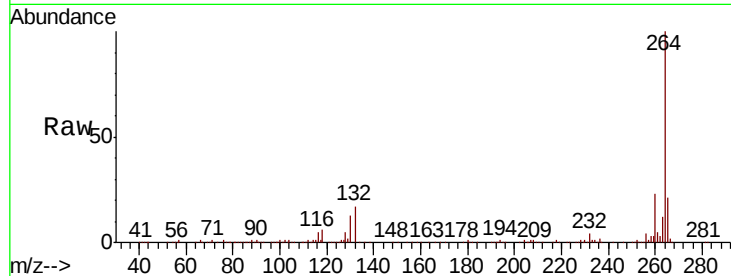




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

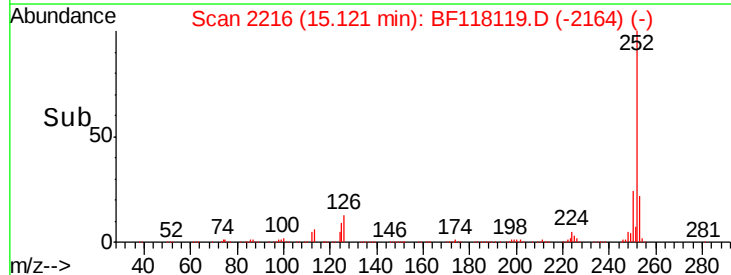
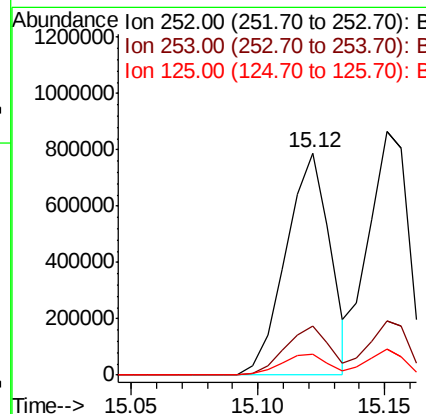
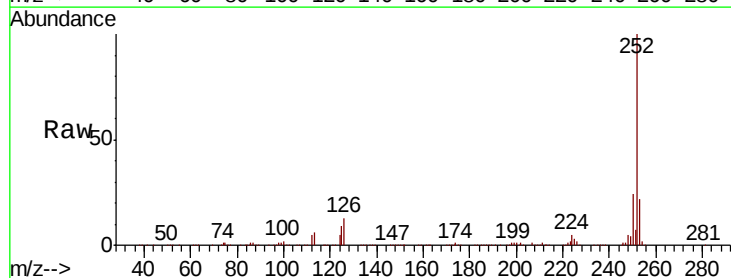
Instrument :
BNA_F
ClientSampleId :

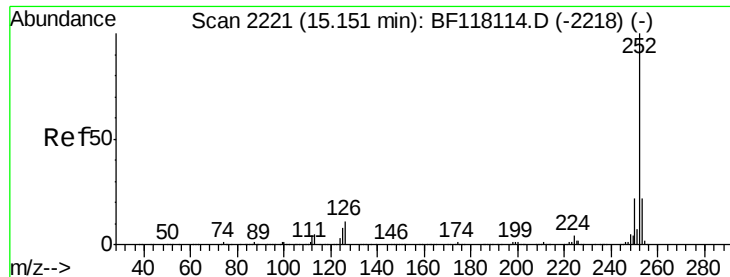
Tot Ion:264 Resp: 379715
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.2 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 38.158 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:252 Resp: 958264
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.3 8.3 12.5

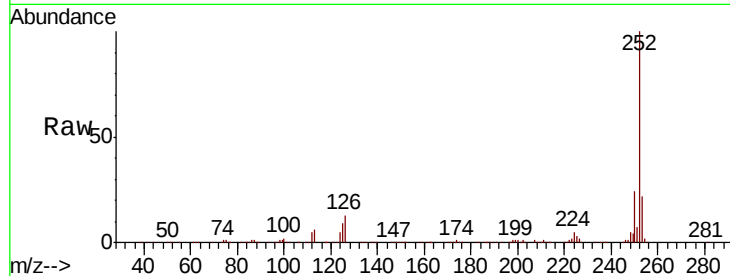




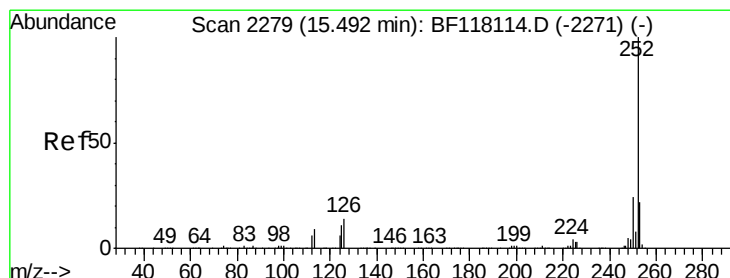
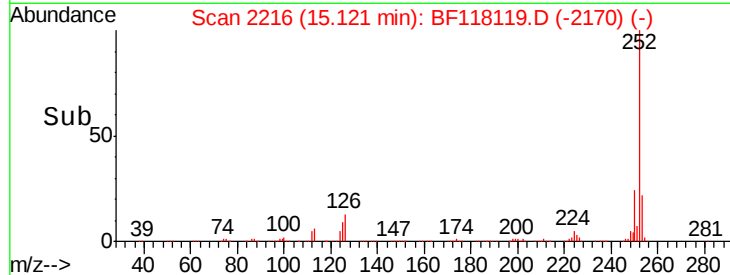
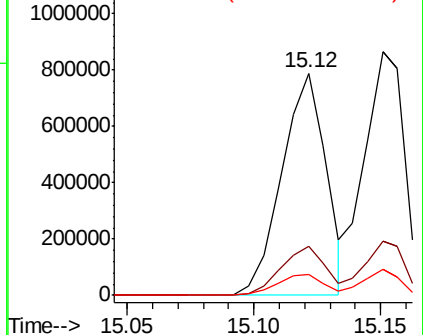
#89
Benzo(k)fluoranthene
Concen: 39.720 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 958264
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 6.7 10.1

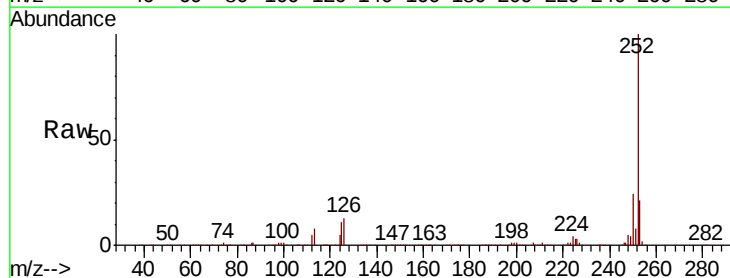


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

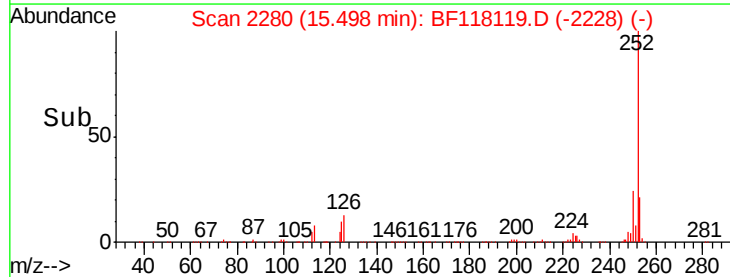
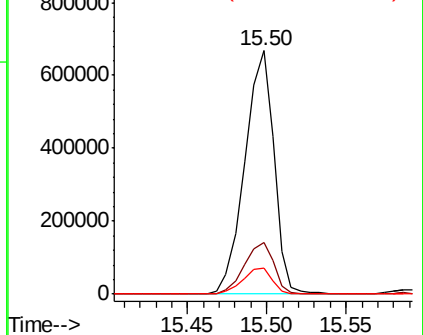


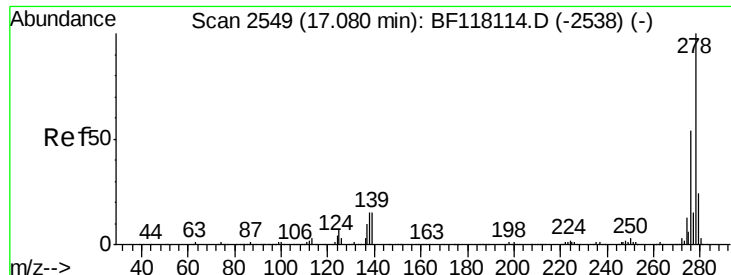
#90
Benzo(a)pyrene
Concen: 38.571 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:252 Resp: 855495
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 10.5 9.1 13.7



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

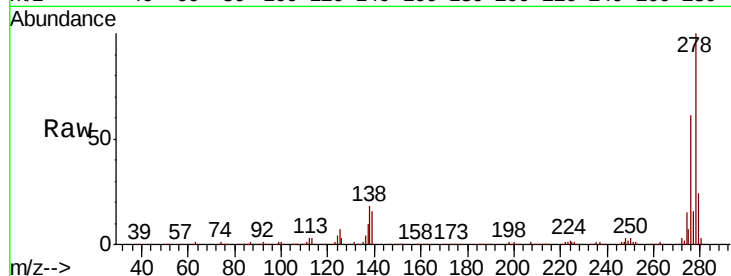




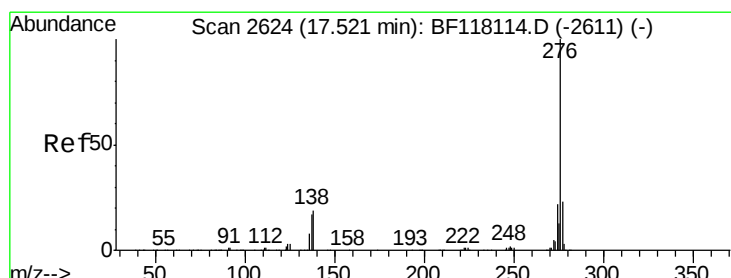
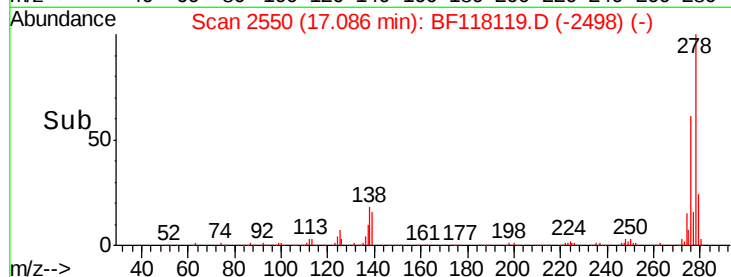
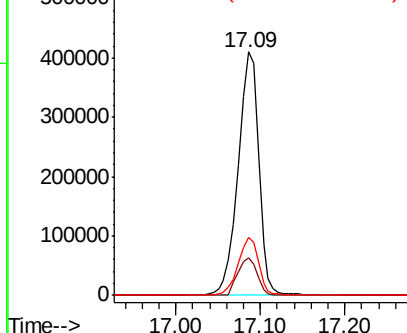
#91
Dibenzo(a,h)anthracene
Concen: 36.330 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 691133
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 23.9 19.0 28.4

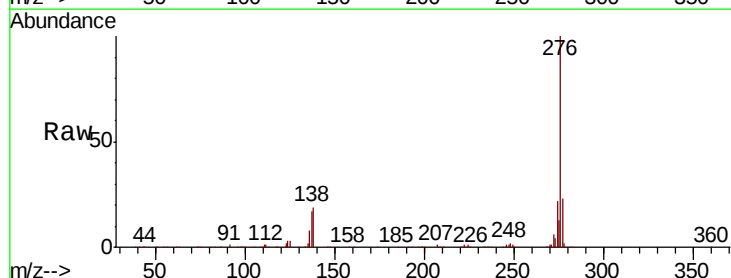


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.644 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion:276 Resp: 651596
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.4
138 19.1 15.5 23.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

