

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117198.D
 Acq On : 20 Sep 2019 20:57
 Operator : HP/JU
 Sample : SP4897
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	28215	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	126945	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	69024	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	108364	20.00	ng	0.01
76) Chrysene-d12	13.98	240	70183	20.00	ng	0.00
87) Perylene-d12	15.43	264	58322	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.61	99	8025	3.44	ng	0.15
23) Nitrobenzene-d5	7.33	82	11998	4.97	ng	-0.06
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.92	244	424	0.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	39303	51.973	ng	97
3) Pyridine	3.42	79	93947	45.388	ng	93
4) n-Nitrosodimethylamine	3.39	42	47205	66.456	ng	# 75
6) Aniline	6.48	93	135970	45.217	ng	91
8) 2-Chlorophenol	6.61	128	128616	65.970	ng	95
9) Benzaldehyde	6.37	77	89715	88.266	ng	95
10) Phenol	6.47	94	158721	61.645	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	118456	62.597	ng	99
12) 1,3-Dichlorobenzene	6.76	146	130941	59.852	ng	96
13) 1,4-Dichlorobenzene	6.83	146	134532	60.257	ng	99
14) 1,2-Dichlorobenzene	6.99	146	126181	60.703	ng	96
15) Benzyl Alcohol	6.97	79	118195	65.993	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	109460	58.547	ng	83
17) 2-Methylphenol	7.08	107	104593	64.012	ng	# 90
18) Hexachloroethane	7.33	117	53645	62.458	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	98340	69.147	ng	92
20) 3+4-Methylphenols	7.23	107	143747	70.628	ng	# 84
22) Acetophenone	7.23	105	195640	60.658	ng	96
24) Nitrobenzene	7.40	77	144602	60.606	ng	96
25) Isophorone	7.65	82	265743	62.121	ng	99
26) 2-Nitrophenol	7.72	139	65793	64.198	ng	97
27) 2,4-Dimethylphenol	7.76	122	113165	69.632	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	155670	59.064	ng	99
29) 2,4-Dichlorophenol	7.96	162	108903	63.951	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	108178	58.800	ng	100
31) Naphthalene	8.12	128	370767	60.729	ng	99
32) Benzoic acid	7.92	122	59846	48.663	ng	96
33) 4-Chloroaniline	8.17	127	85876	31.713	ng	99
34) Hexachlorobutadiene	8.24	225	63287	60.632	ng	96
35) Caprolactam	8.56	113	18966	32.905	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	125710	63.310	ng	97
37) 2-Methylnaphthalene	8.82	142	262271	63.794	ng	97
38) 1-Methylnaphthalene	8.92	142	241788	62.794	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105534	59.209	ng	98

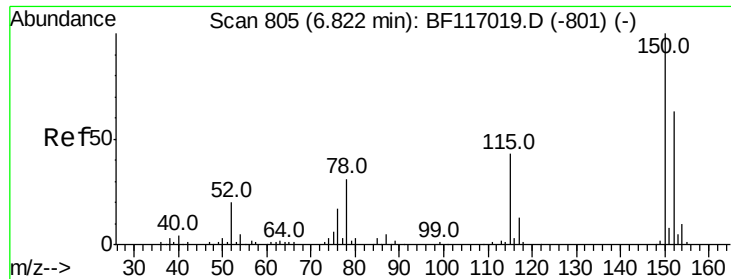
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
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 Operator : HP/JU
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Quant Time: Sep 20 23:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	114328	138.726	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	70263	58.089	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	74455	57.613	ng	96
46) 1,1'-Biphenyl	9.28	154	316024	58.369	ng	99
47) 2-Chloronaphthalene	9.30	162	246357	57.654	ng	100
48) 2-Nitroaniline	9.40	65	76597	55.887	ng	90
49) Acenaphthylene	9.72	152	380224	59.399	ng	99
50) Dimethylphthalate	9.58	163	289427	59.221	ng	99
51) 2,6-Dinitrotoluene	9.65	165	61746	62.033	ng #	76
52) Acenaphthene	9.89	154	221490	58.371	ng	99
53) 3-Nitroaniline	9.82	138	38594	30.731	ng	93
54) 2,4-Dinitrophenol	9.93	184	45009	101.889	ng	97
55) Dibenzofuran	10.06	168	342447	61.167	ng	98
56) 4-Nitrophenol	9.99	139	75405	92.642	ng	83
57) 2,4-Dinitrotoluene	10.06	165	80073	61.973	ng #	86
58) Fluorene	10.41	166	278785	61.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57896	58.543	ng #	97
60) Diethylphthalate	10.28	149	303315	63.083	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	126526	64.844	ng	95
62) 4-Nitroaniline	10.44	138	64883	49.679	ng #	84
63) Azobenzene	10.56	77	307343	62.586	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	33132	64.355	ng	89
66) n-Nitrosodiphenylamine	10.52	169	241163	64.440	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	72934	65.905	ng	93
68) Hexachlorobenzene	10.96	284	73145	60.430	ng #	91
69) Atrazine	11.05	200	66192	111.723	ng	98
70) Pentachlorophenol	11.16	266	67631	119.199	ng	98
71) Phenanthrene	11.37	178	371119	60.295	ng	99
72) Anthracene	11.42	178	391124	62.243	ng	100
73) Carbazole	11.57	167	335113	56.183	ng	98
74) Di-n-butylphthalate	11.90	149	486001	68.484	ng	98
75) Fluoranthene	12.56	202	370010	58.506	ng	98
77) Benzidine	12.67	184	224173	99.158	ng	99
78) Pyrene	12.79	202	360650	61.243	ng	99
80) Butylbenzylphthalate	13.39	149	190059	68.303	ng	97
81) Benzo(a)anthracene	13.97	228	274552	58.552	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	54109	35.810	ng	97
83) Chrysene	14.01	228	264862	57.915	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	276573	77.088	ng	98
85) Di-n-octyl phthalate	14.56	149	427984	75.791	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	195540	58.606	ng	97
88) Benzo(b)fluoranthene	15.02	252	210235	59.510	ng	99
89) Benzo(k)fluoranthene	15.04	252	209319	62.548	ng	98
90) Benzo(a)pyrene	15.37	252	193386	62.381	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	166392	67.376	ng	97
92) Benzo(g,h,i)perylene	17.32	276	149121	60.595	ng	95

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

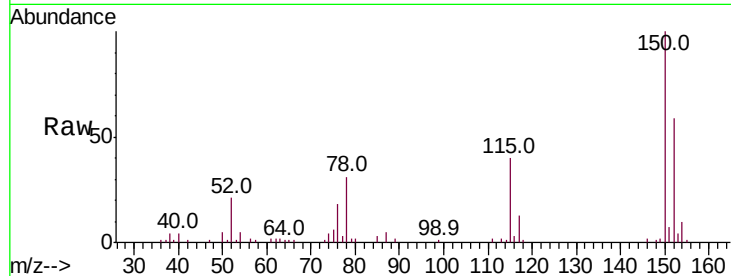


#1

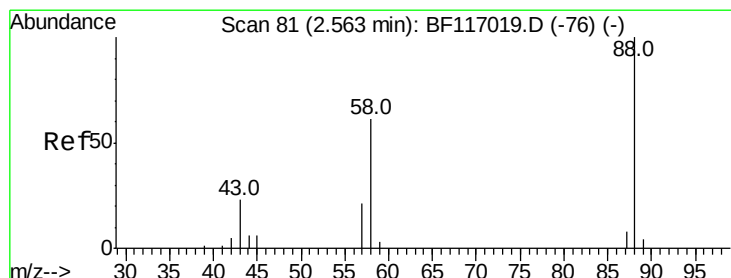
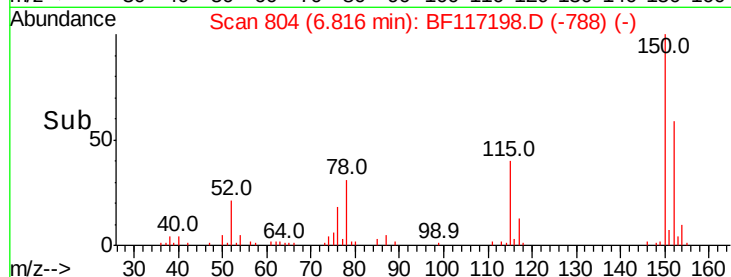
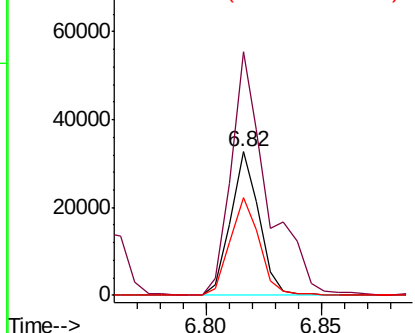
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28215
Ion Ratio Lower Upper
152 100
150 169.9 127.5 191.3
115 67.9 55.0 82.4



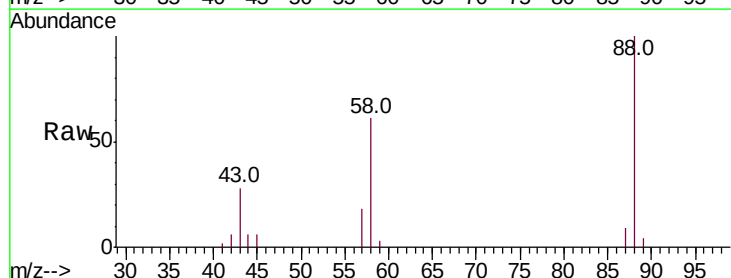
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



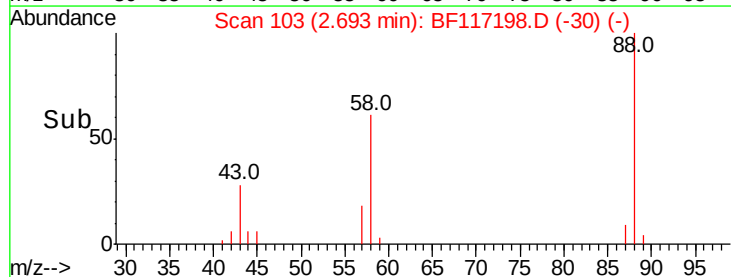
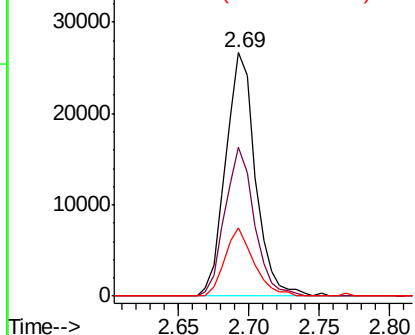
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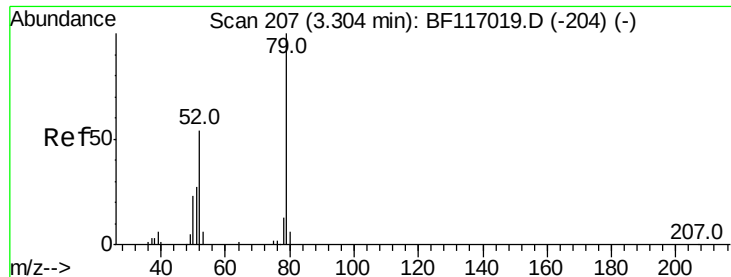
1,4-Dioxane
Concen: 51.973 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.13 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion: 88 Resp: 39303
Ion Ratio Lower Upper
88 100
58 60.1 49.3 73.9
43 27.1 18.8 28.2



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: 45.388 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.12 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

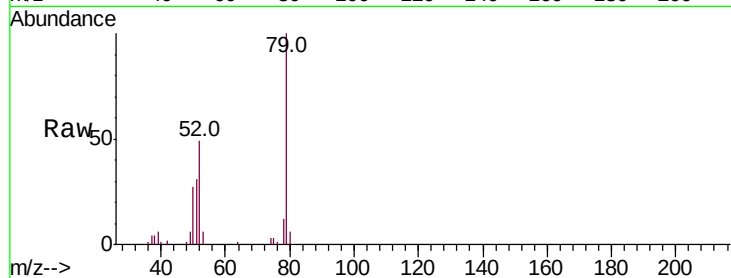
Tot Ion: 79 Resp: 93947

Ion Ratio Lower Upper

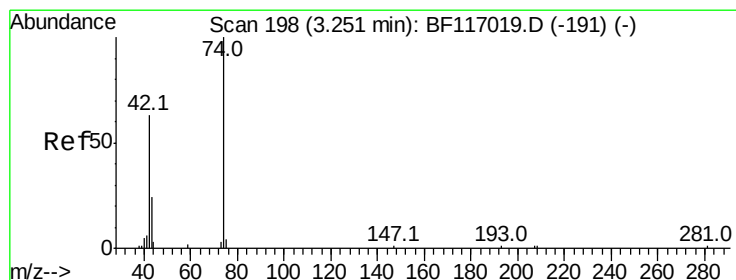
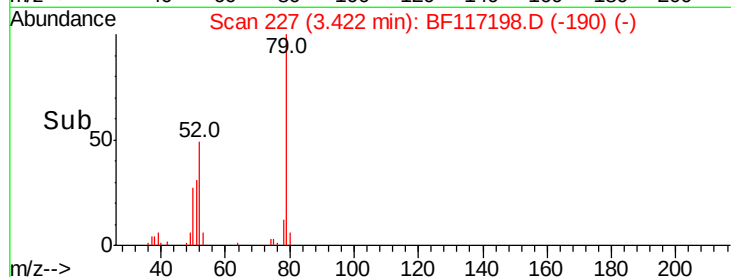
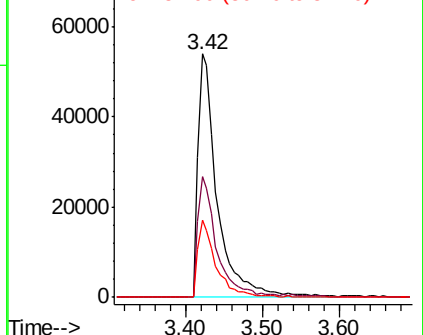
79 100

52 49.4 43.5 65.3

51 31.5 21.8 32.6



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: 66.456 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.14 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

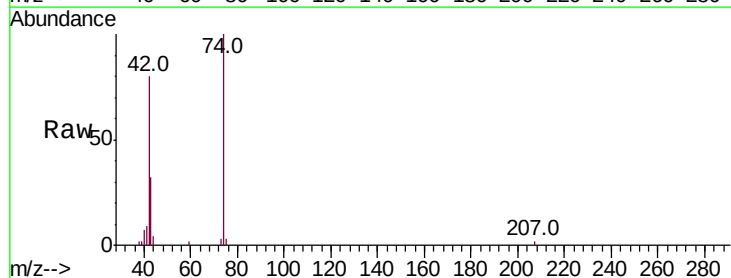
Tgt Ion: 42 Resp: 47205

Ion Ratio Lower Upper

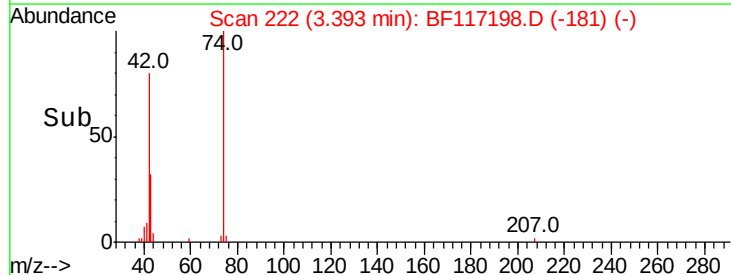
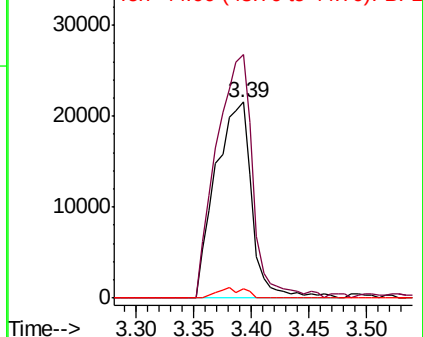
42 100

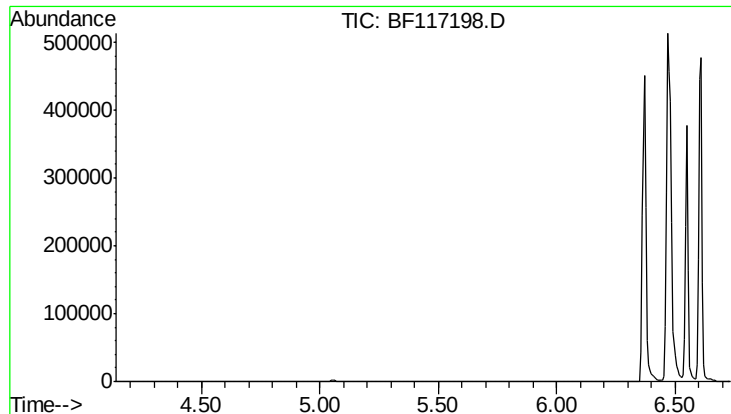
74 124.4 127.1 190.7#

44 4.8 4.3 6.5



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

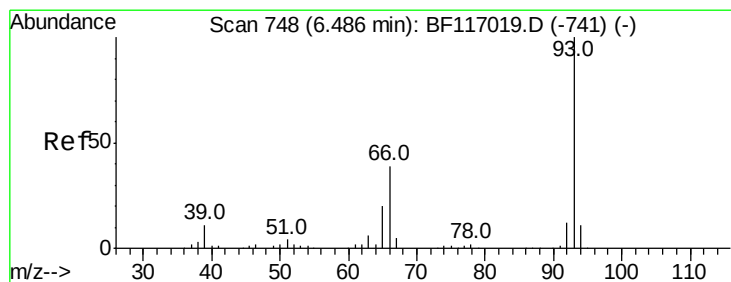
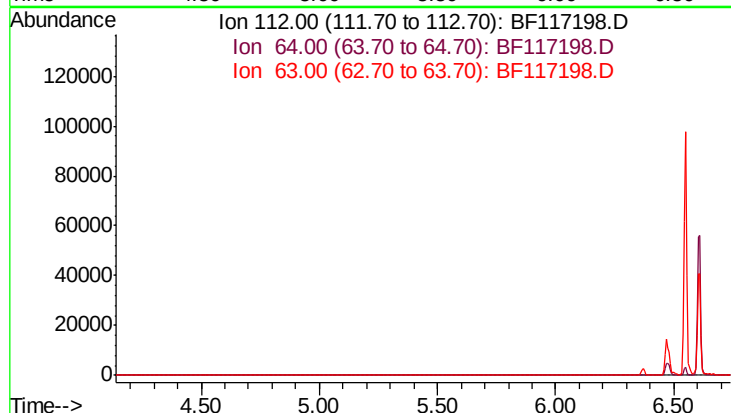




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

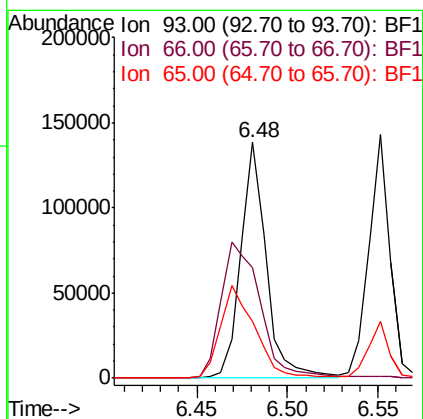
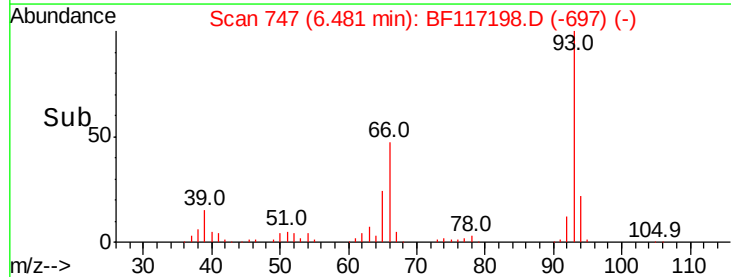
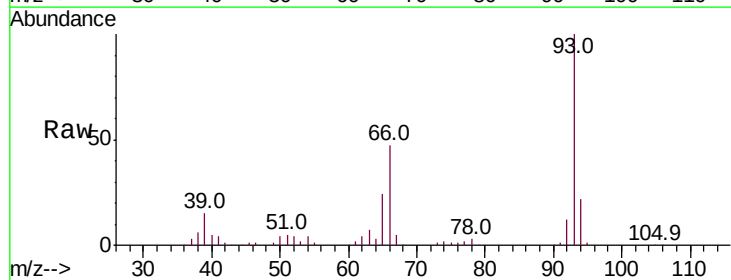
Instrument :
 BNA_F
 ClientSampleId :

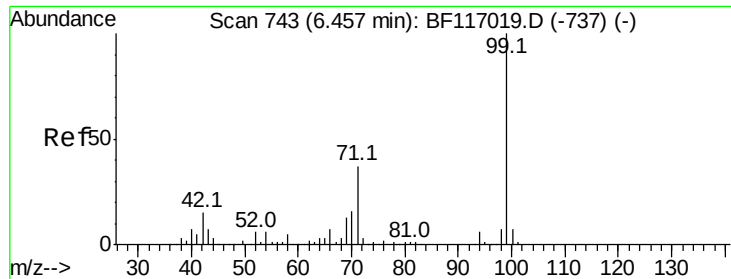
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 57.1
 63 31.1



#6
 Aniline
 Concen: 45.217 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion: 93 Resp: 135970
 Ion Ratio Lower Upper
 93 100
 66 46.8 32.6 49.0
 65 23.9 16.7 25.1





#7

Phenol-d6

Concen: 3.436 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.15 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

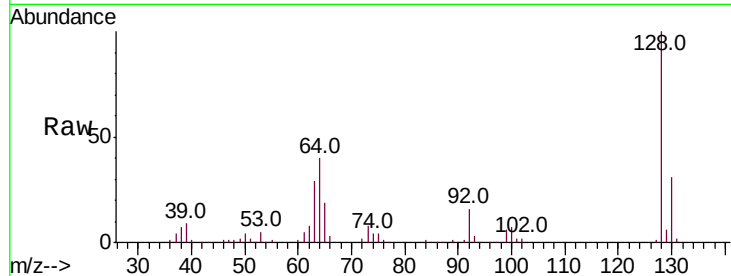
Tot Ion: 99 Resp: 8025

Ion Ratio Lower Upper

99 100

42 4.1 12.2 18.2#

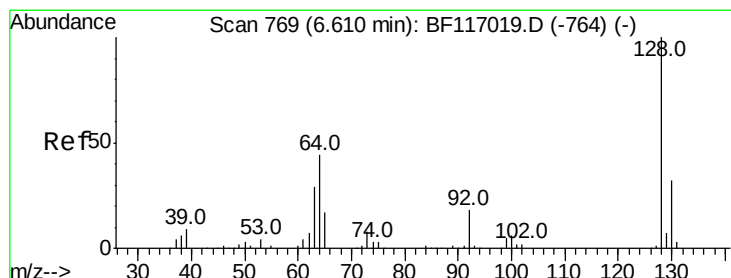
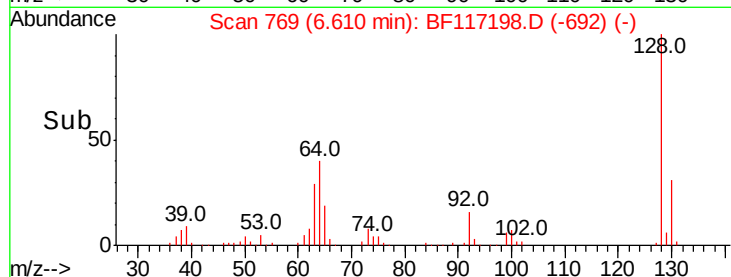
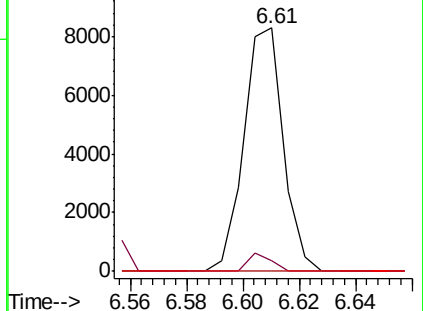
71 0.0 29.8 44.8#



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: 65.970 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

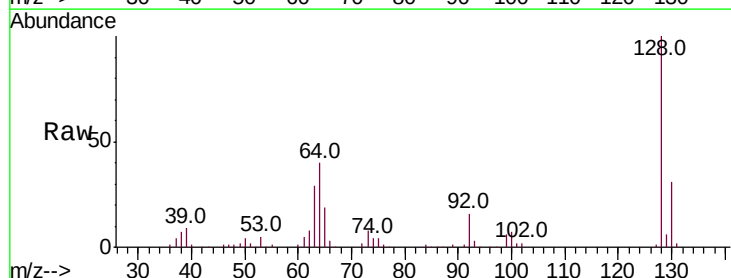
Tgt Ion:128 Resp: 128616

Ion Ratio Lower Upper

128 100

130 31.4 11.8 51.8

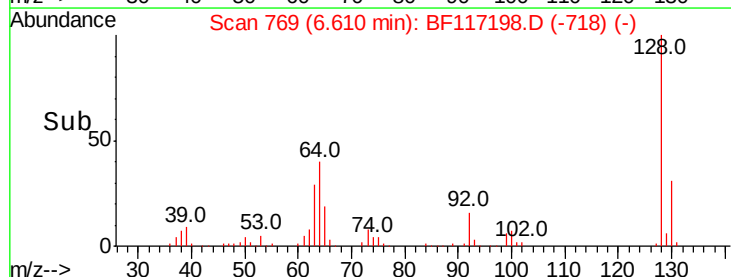
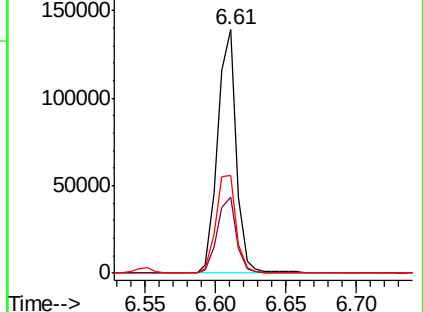
64 40.1 25.0 65.0

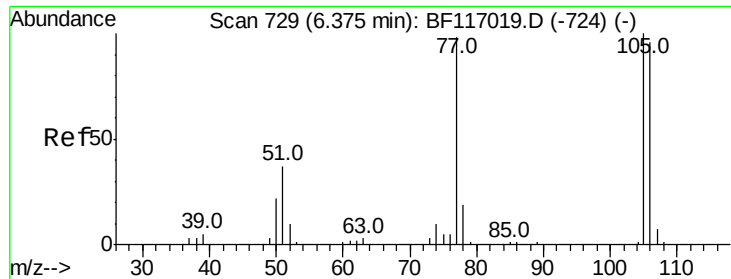


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 88.266 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

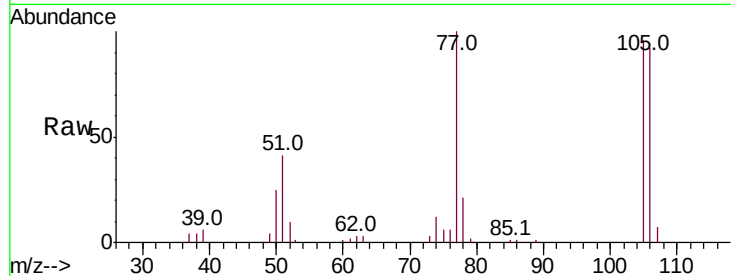
Tot Ion: 77 Resp: 89715

Ion Ratio Lower Upper

77 100

105 96.5 81.8 121.8

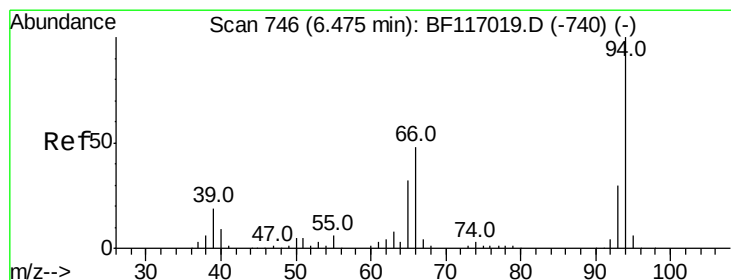
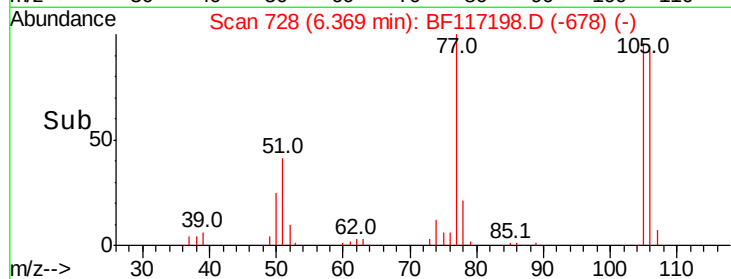
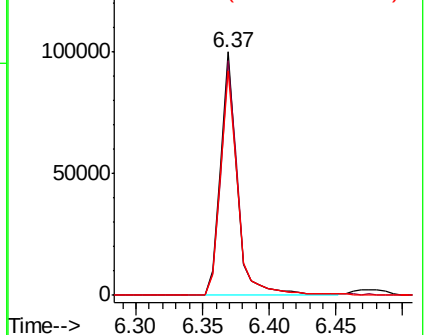
106 92.4 77.3 117.3



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: 61.645 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

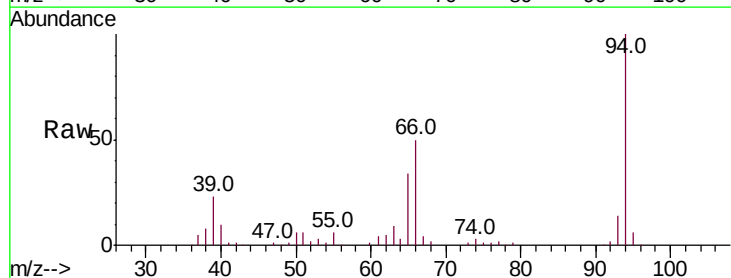
Tgt Ion: 94 Resp: 158721

Ion Ratio Lower Upper

94 100

65 33.9 12.5 52.5

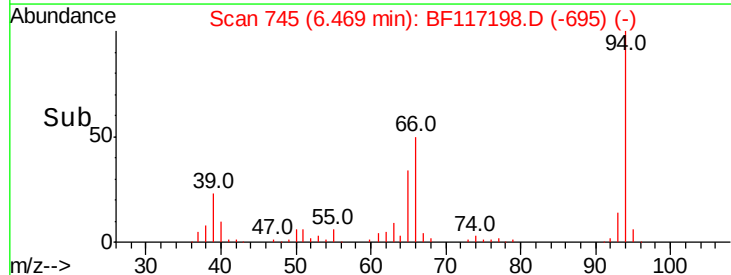
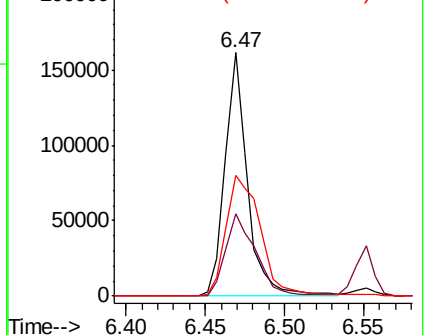
66 49.6 28.9 68.9

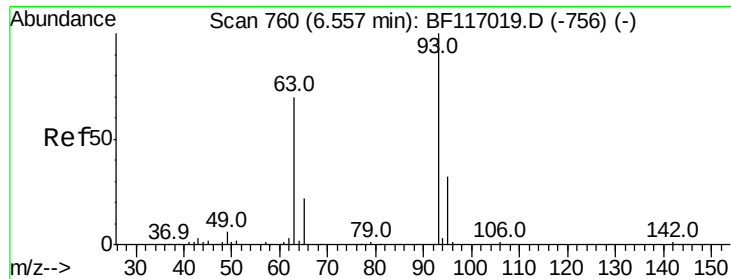


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

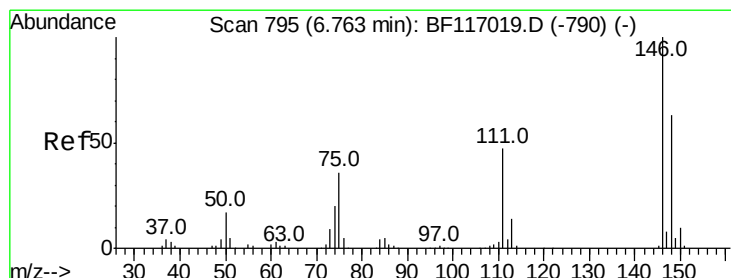
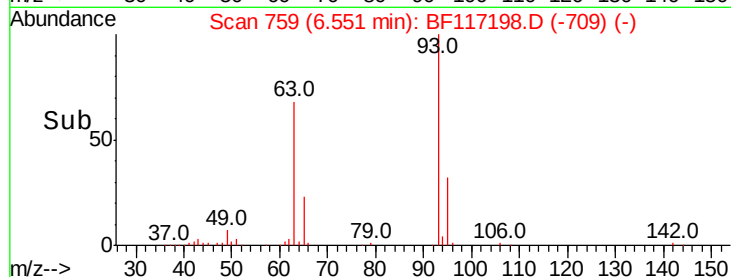
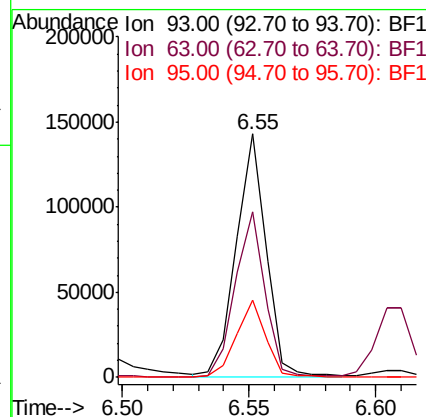
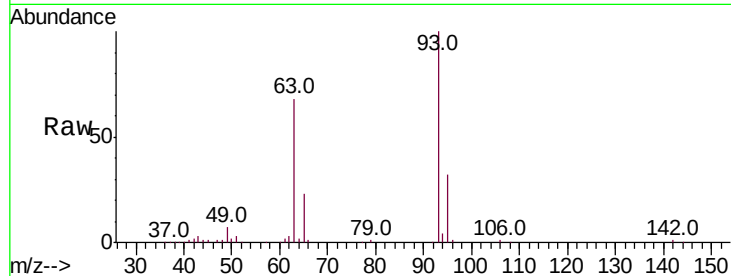




#11
 bis(2-Chloroethyl)ether
 Concen: 62.597 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

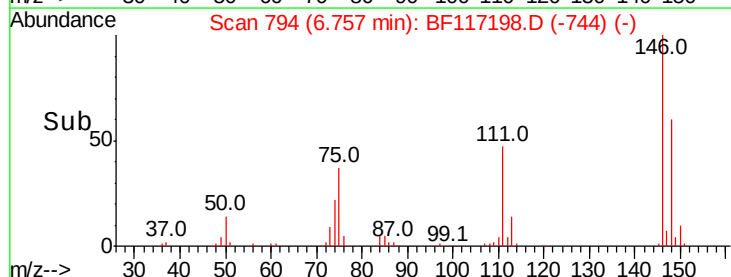
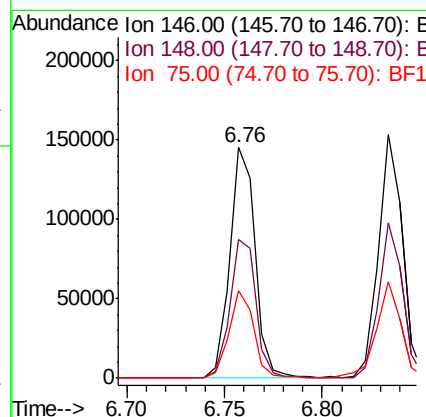
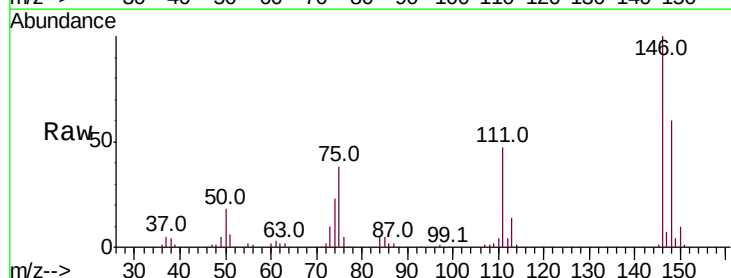
Instrument :
 BNA_F
 ClientSampleId :

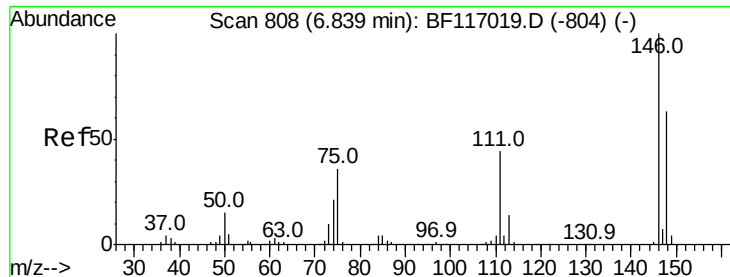
Tot Ion:	93	Resp:	118456
Ion	Ratio	Lower	Upper
93	100		
63	68.3	49.3	89.3
95	31.9	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 59.852 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:	146	Resp:	130941
Ion	Ratio	Lower	Upper
146	100		
148	60.4	50.8	76.2
75	37.8	28.7	43.1

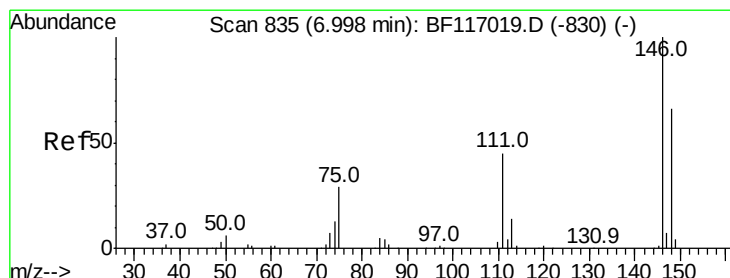
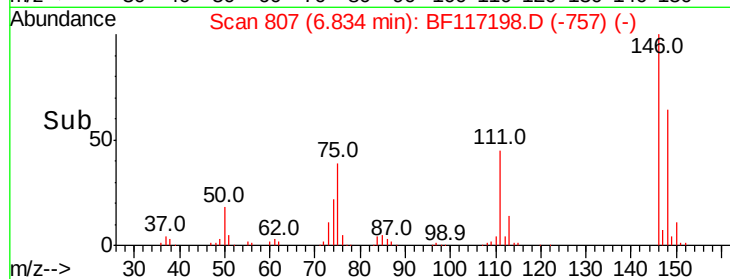
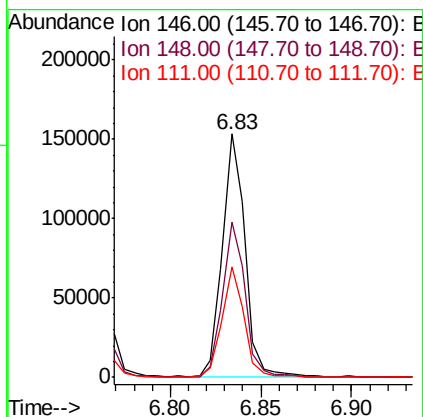
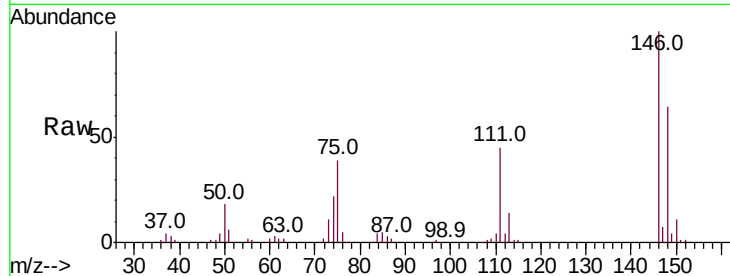




#13
 1,4-Dichlorobenzene
 Concen: 60.257 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

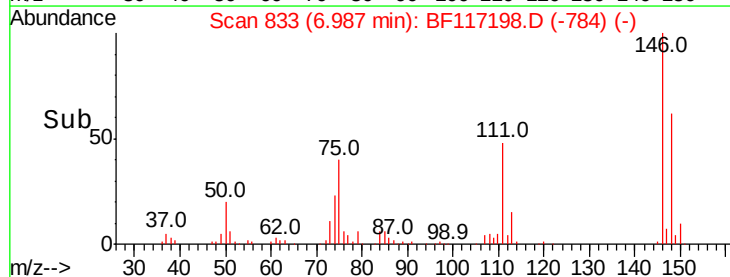
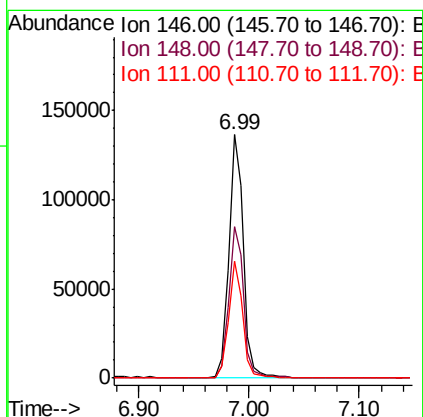
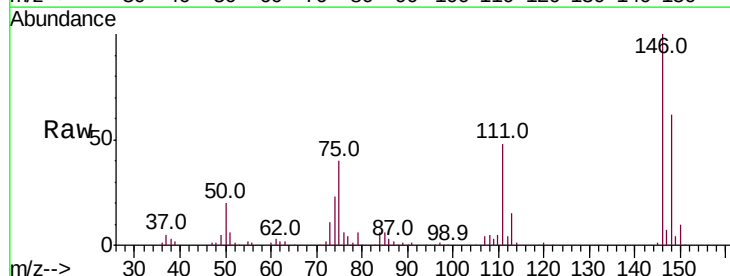
Instrument :
 BNA_F
 ClientSampleId :

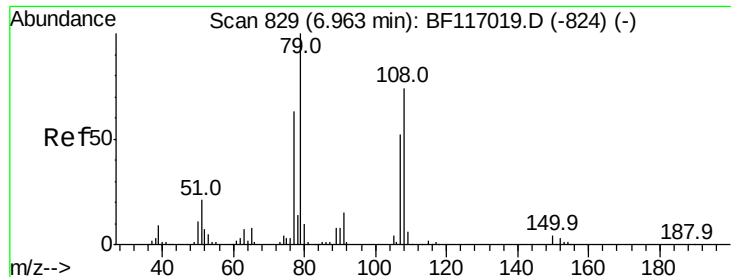
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	45.4	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 60.703 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.6	78.8
111	48.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 65.993 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

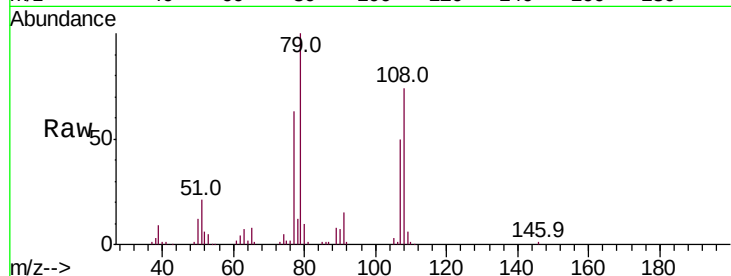
Tot Ion: 79 Resp: 118195

Ion Ratio Lower Upper

79 100

108 74.3 59.4 89.0

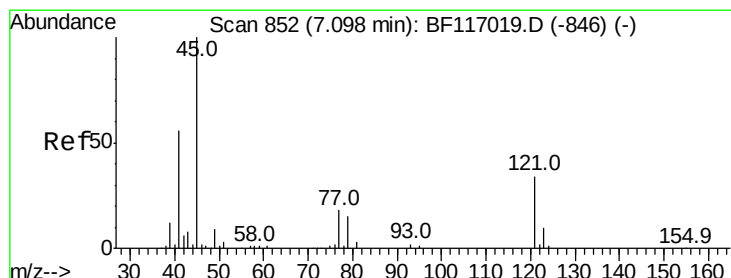
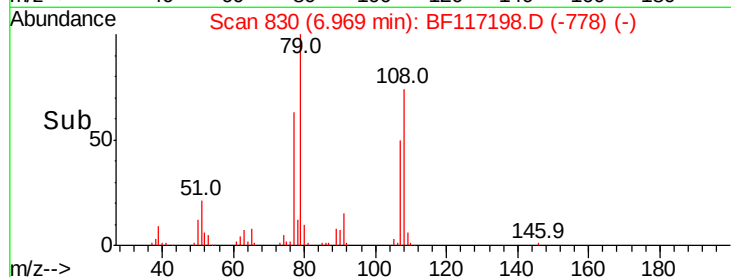
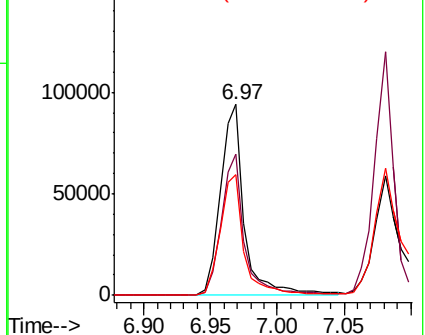
77 63.4 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.547 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

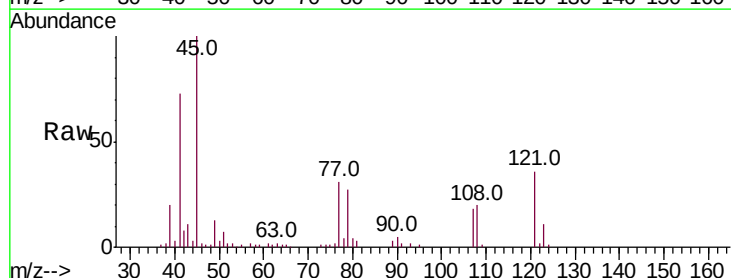
Tgt Ion: 45 Resp: 109460

Ion Ratio Lower Upper

45 100

77 31.0 2.7 42.7

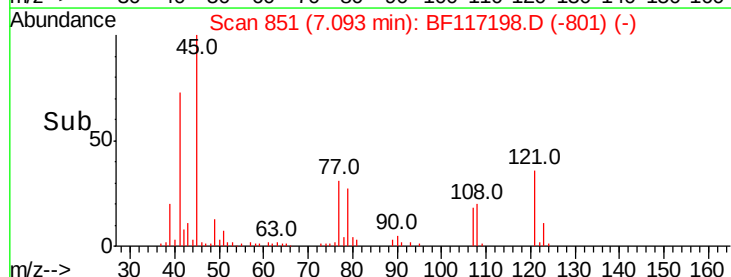
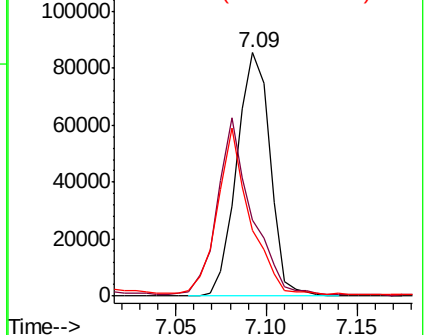
79 26.8 0.0 38.9

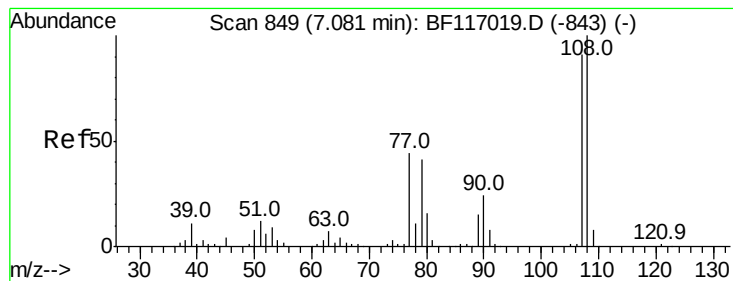


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

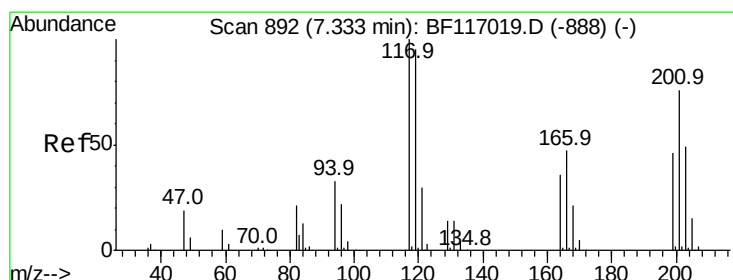
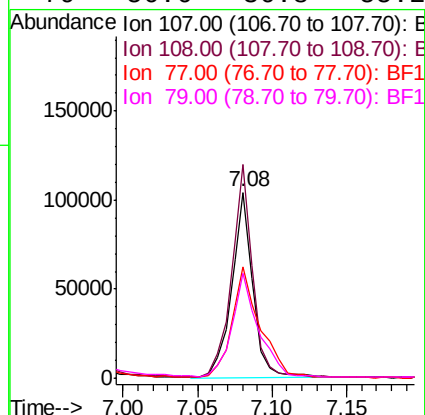
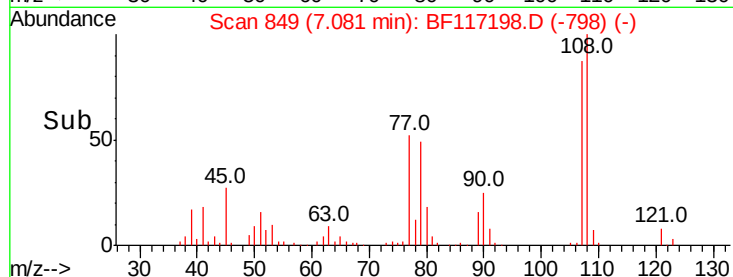
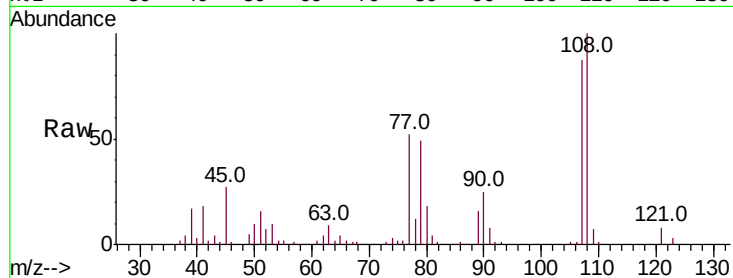




#17
2-Methylphenol
Concen: 64.012 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

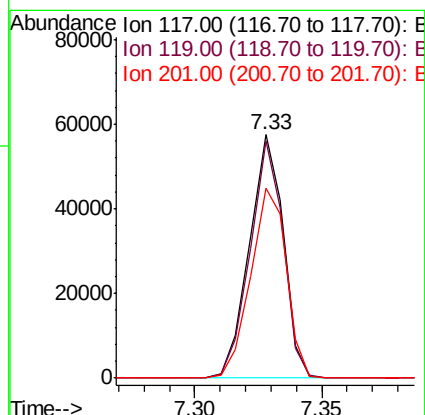
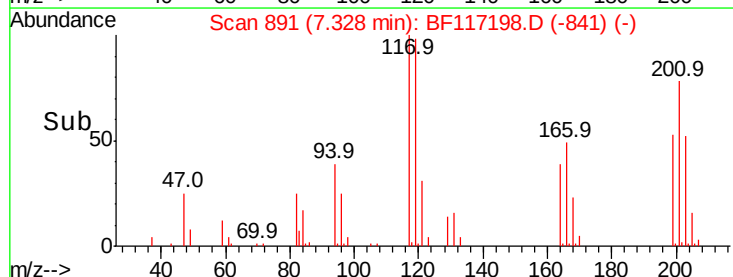
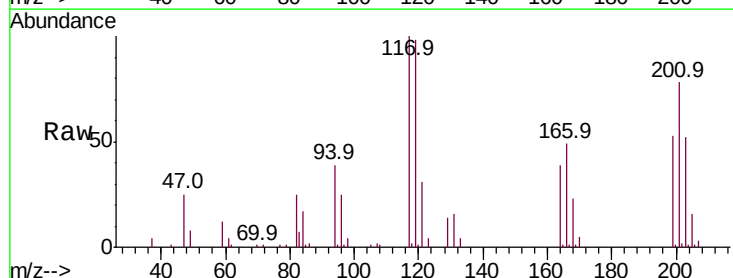
Instrument :
BNA_F
ClientSampleId :

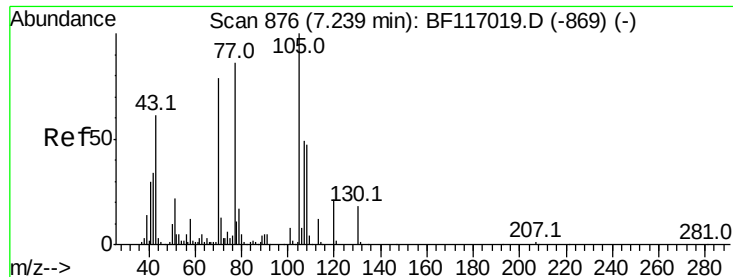
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	87.7	131.5
77	60.0	38.6	58.0#
79	56.6	36.8	55.2#



#18
Hexachloroethane
Concen: 62.458 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	77.8	60.9	91.3

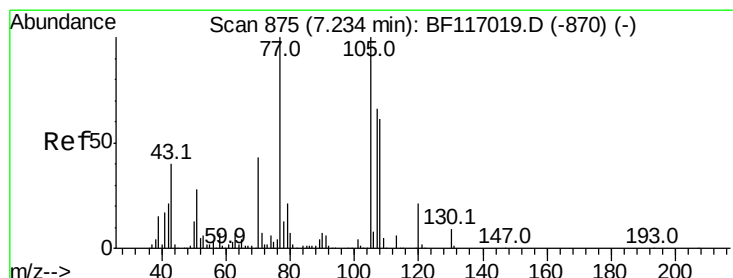
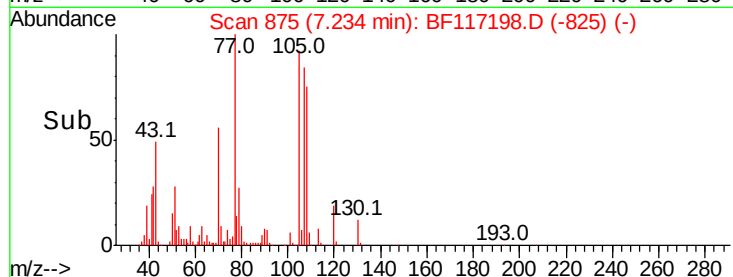
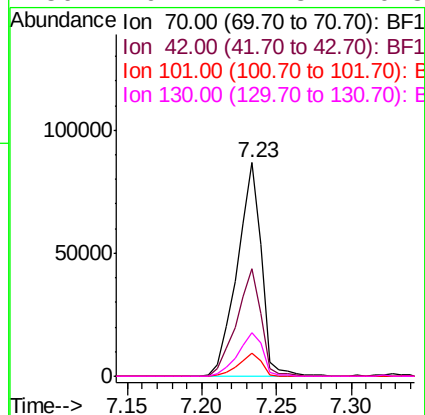
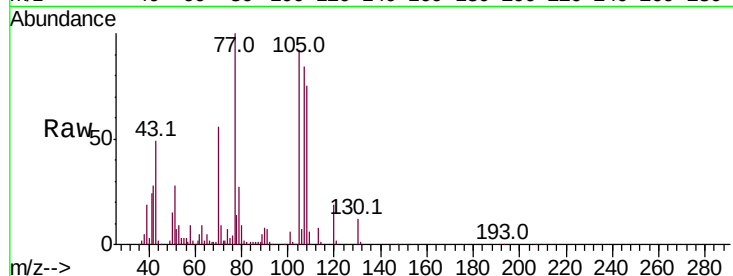




#19
n-Nitroso-di-n-propylamine
Concen: 69.147 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

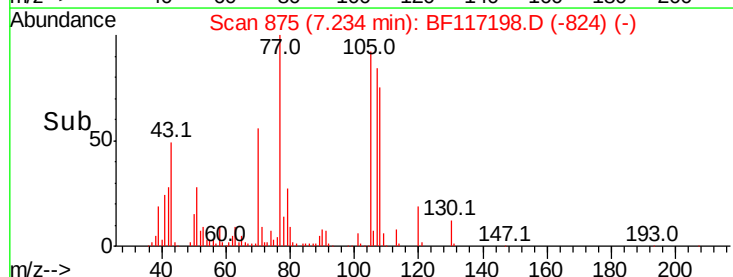
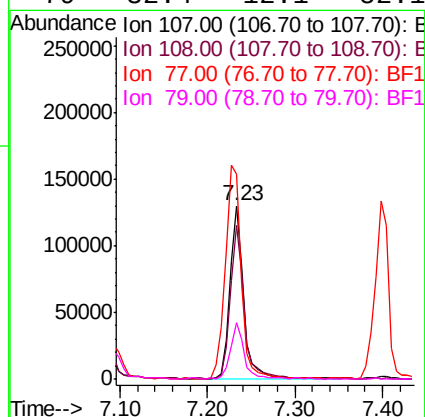
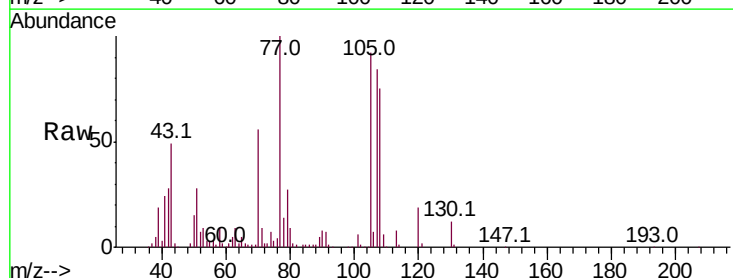
Instrument :
BNA_F
ClientSampleId :

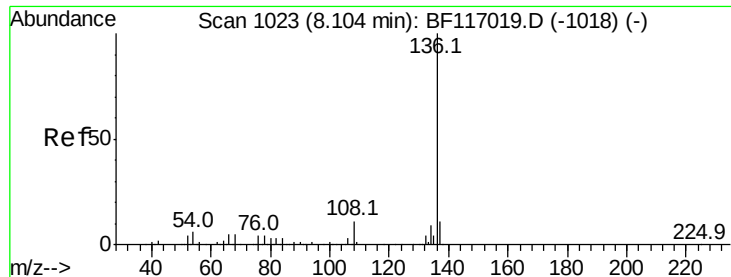
Tot Ion:	70	Resp:	98340
Ion	Ratio	Lower	Upper
70	100		
42	50.1	34.0	51.0
101	10.8	7.8	11.6
130	20.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 70.628 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:	107	Resp:	143747
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.6	112.6
77	118.7	132.1	172.1#
79	32.4	12.1	52.1

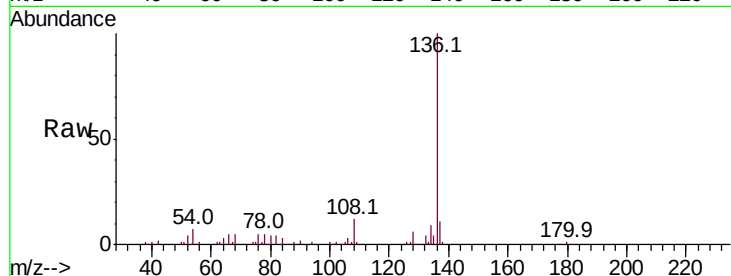




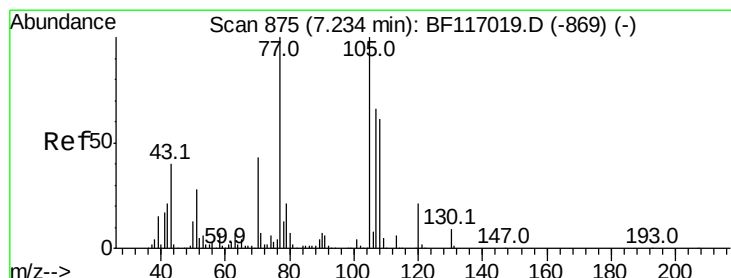
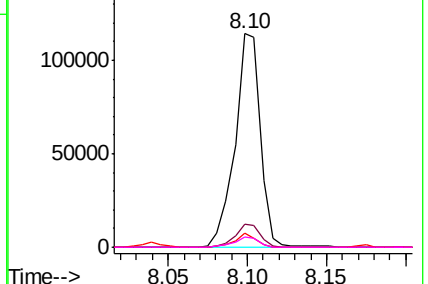
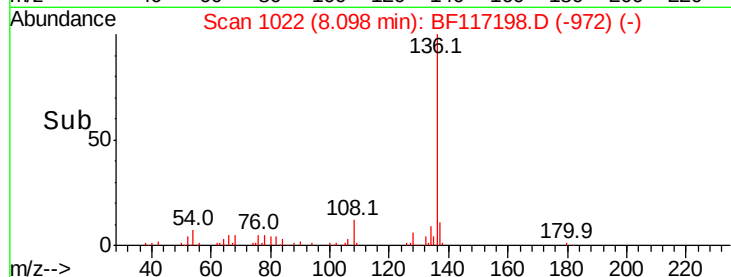
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	126945
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.6	4.5 6.7
68	4.9	4.0 6.0

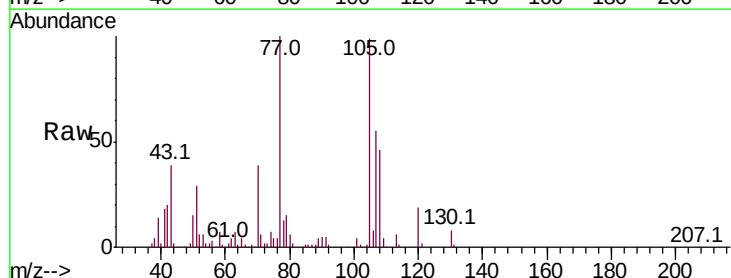


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

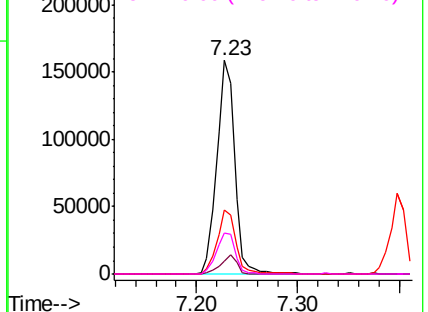
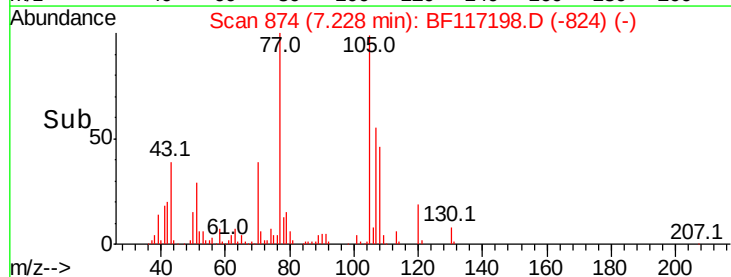


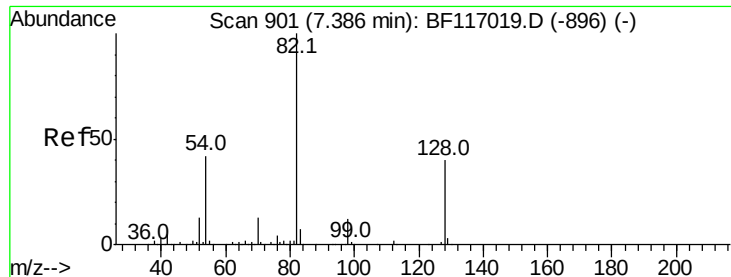
#22
Acetophenone
Concen: 60.658 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:105	Resp:	195640
Ion Ratio	Lower	Upper
105	100	
71	6.2	5.7 8.5
51	29.7	22.1 33.1
120	19.2	17.1 25.7



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

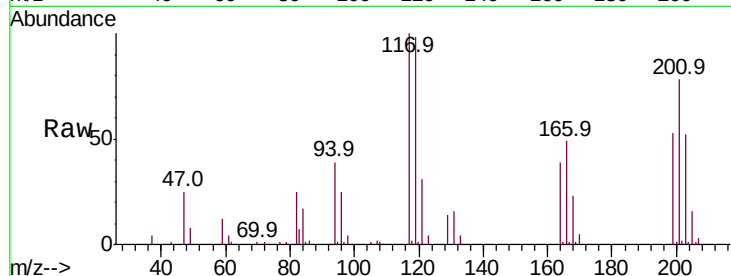




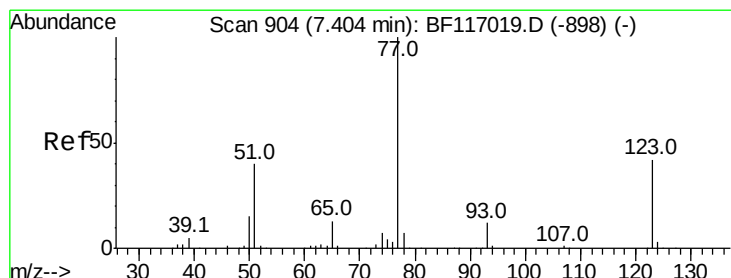
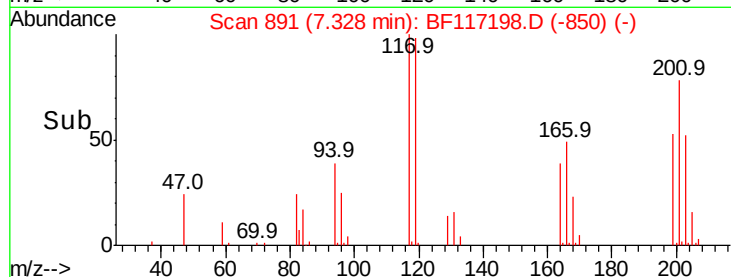
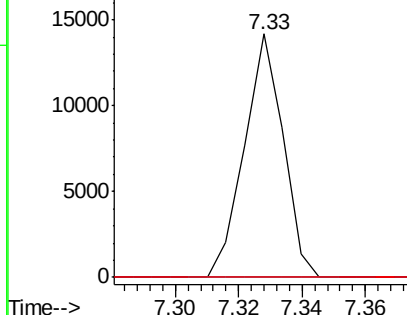
#23
 Nitrobenzene-d5
 Concen: 4.966 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.06 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	11998
Ion Ratio	100		
Lower		32.3	48.5#
Upper		33.3	49.9#

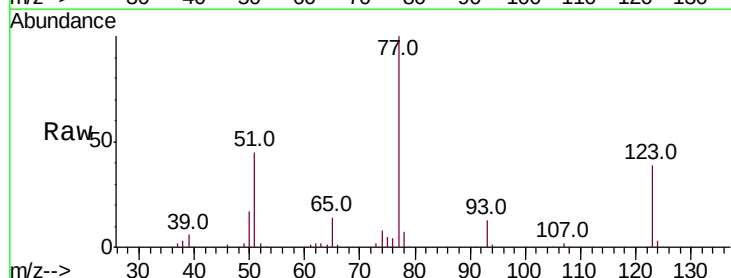


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

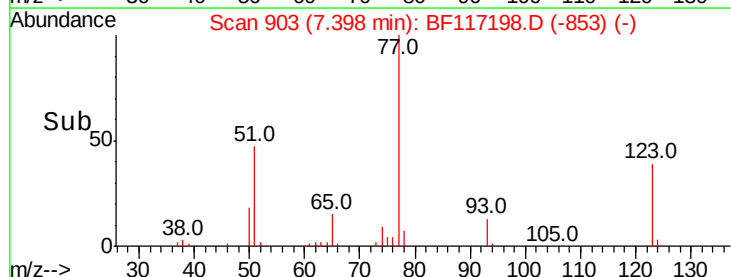
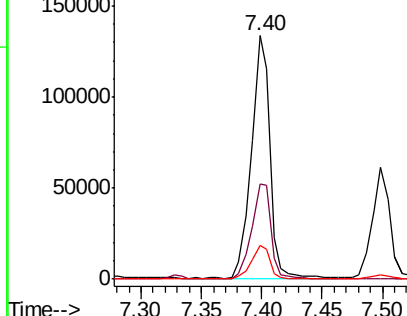


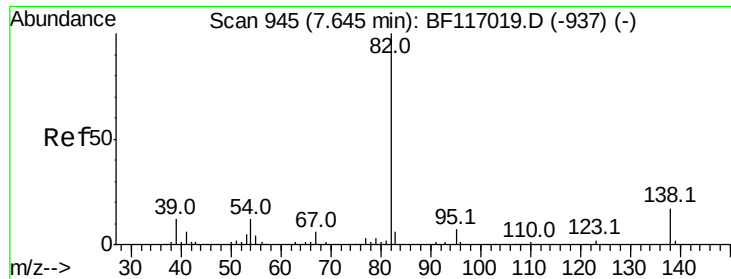
#24
 Nitrobenzene
 Concen: 60.606 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	77	Resp	144602
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		33.5	50.3
Upper		10.5	15.7



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: 62.121 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :

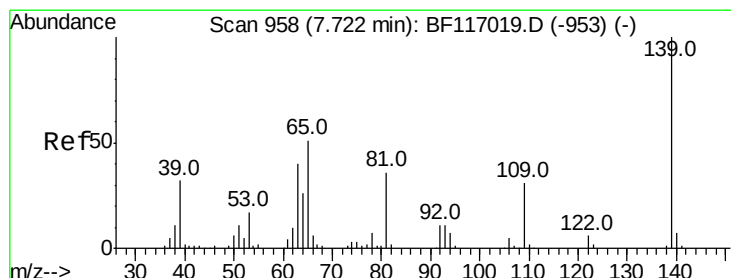
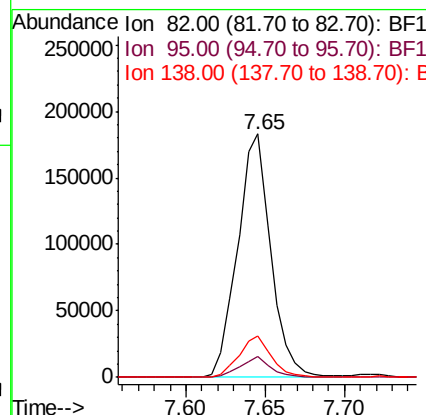
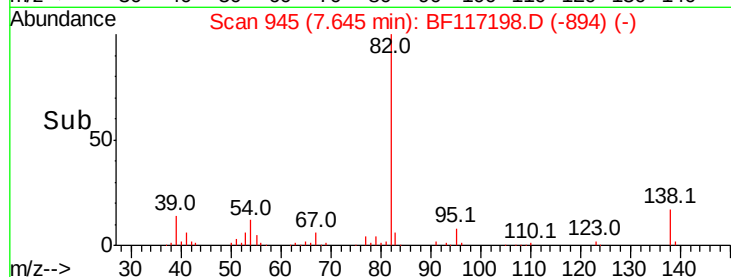
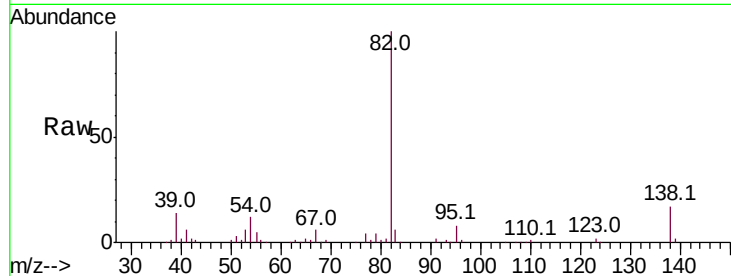
Tot Ion: 82 Resp: 265743

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

138 17.1 13.5 20.3



#26

2-Nitrophenol

Concen: 64.198 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

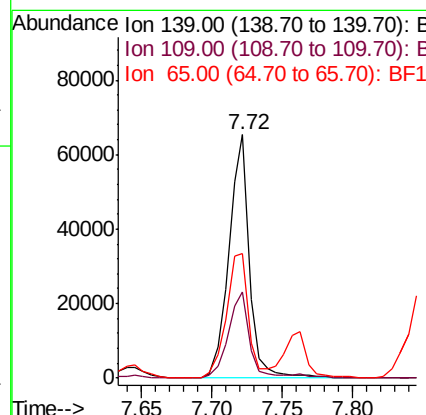
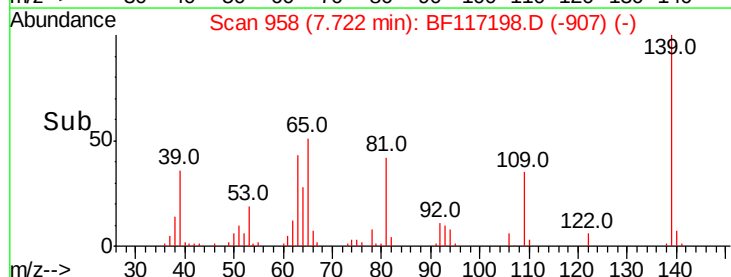
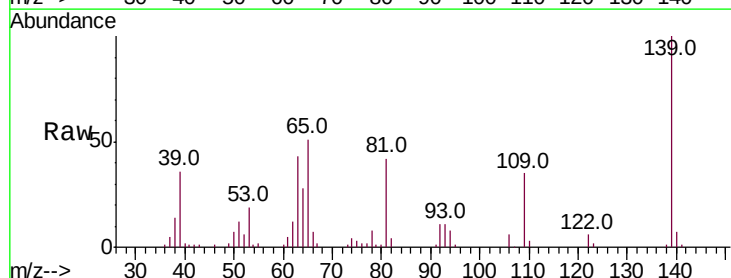
Tgt Ion: 139 Resp: 65793

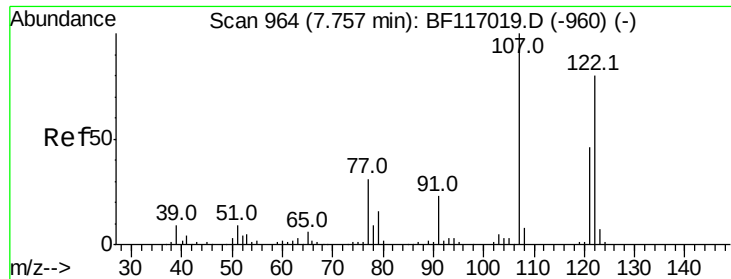
Ion Ratio Lower Upper

139 100

109 35.3 24.6 36.8

65 51.4 40.9 61.3

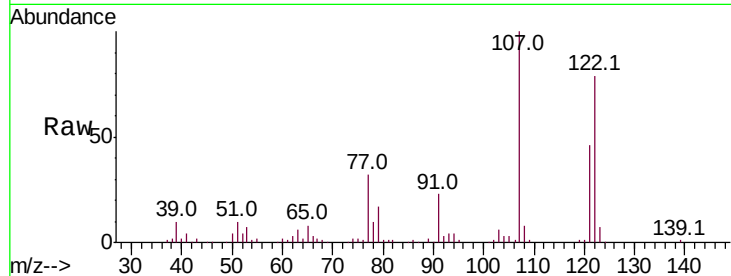




#27
 2,4-Dimethylphenol
 Concen: 69.632 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	98.9	148.3
121	57.8	45.3	67.9

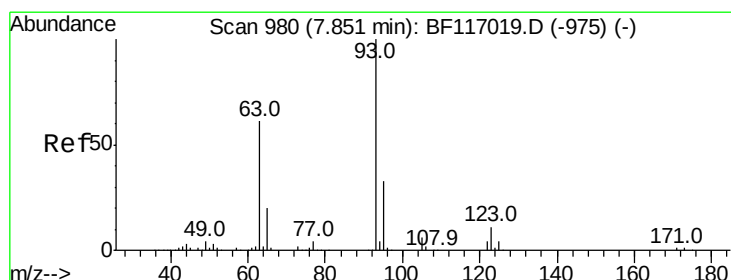
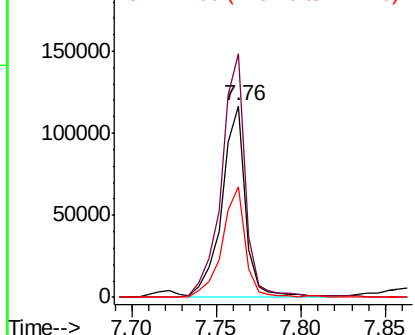
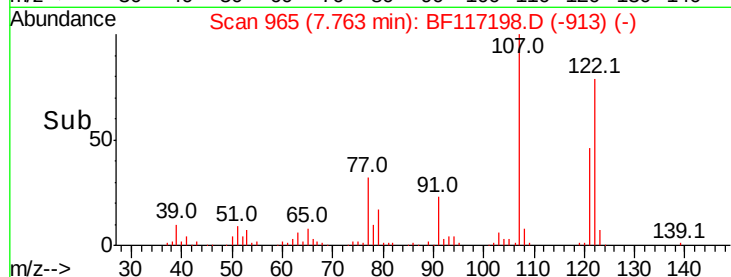


Abundance

Ion 122.00 (121.70 to 122.70): E

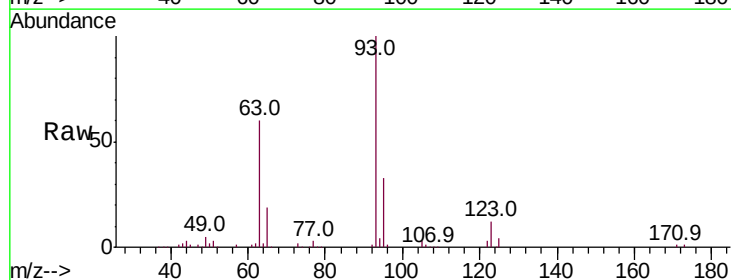
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.064 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	11.7	9.0	13.6

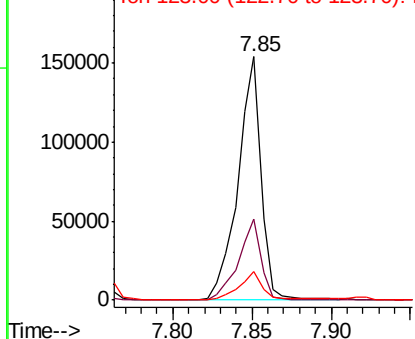
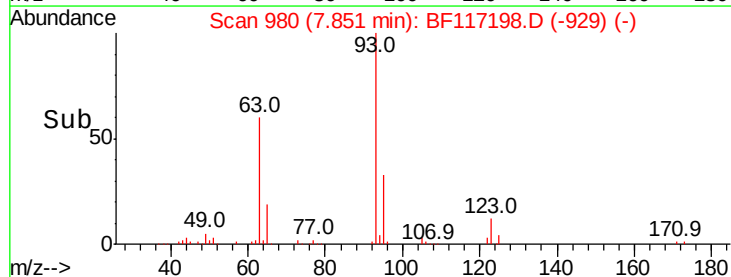


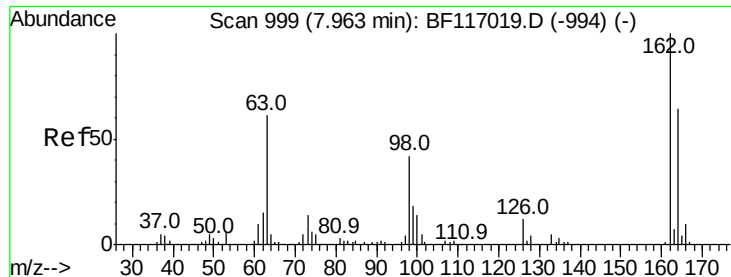
Abundance

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

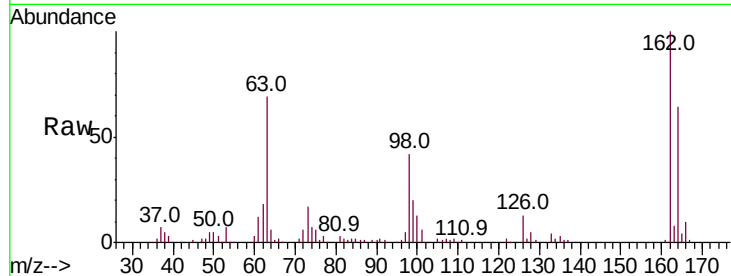




#29
 2,4-Dichlorophenol
 Concen: 63.951 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	42.4	22.1	62.1

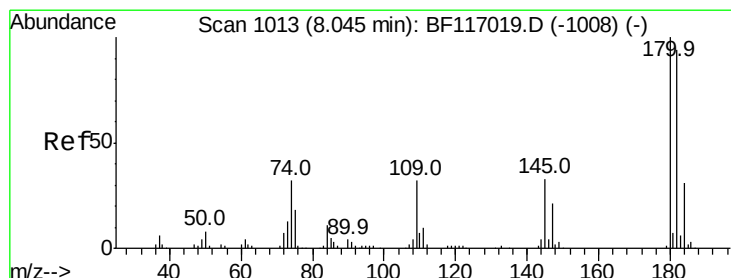
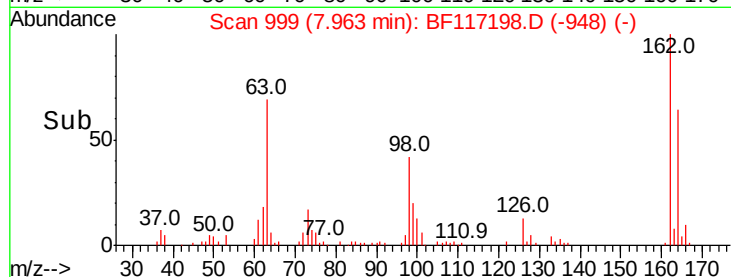
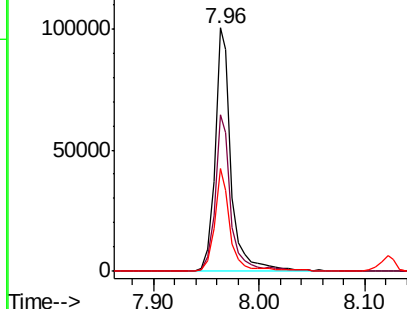


Abundance

Ion 162.00 (161.70 to 162.70): E

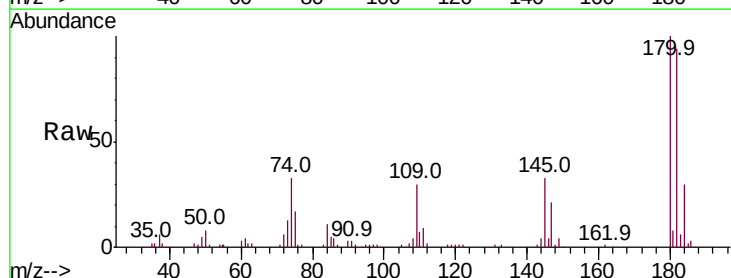
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 58.800 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	32.8	26.7	40.1

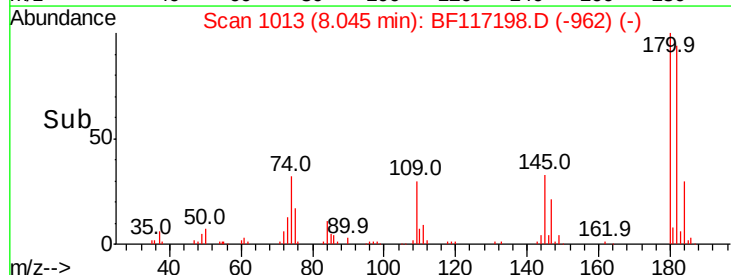
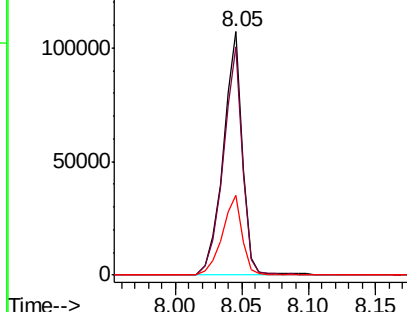


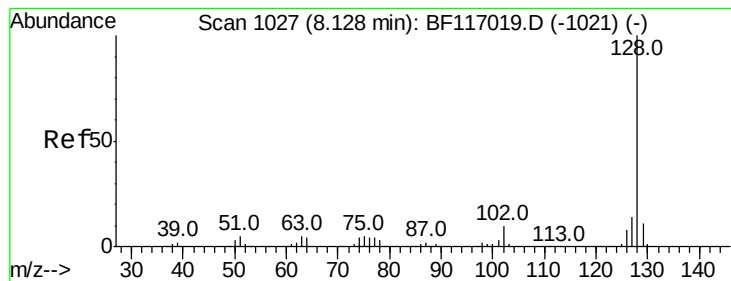
Abundance

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: 60.729 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

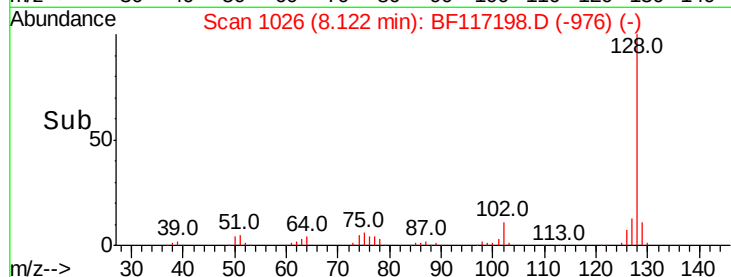
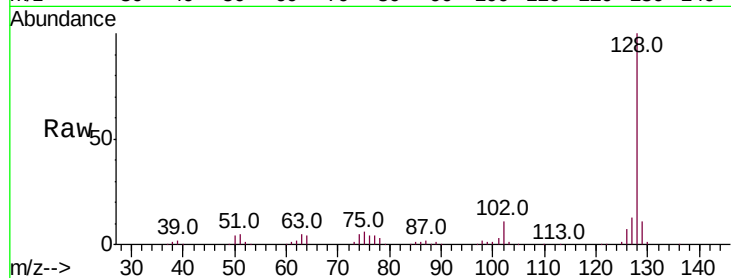
Tot Ion:128 Resp: 370767

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

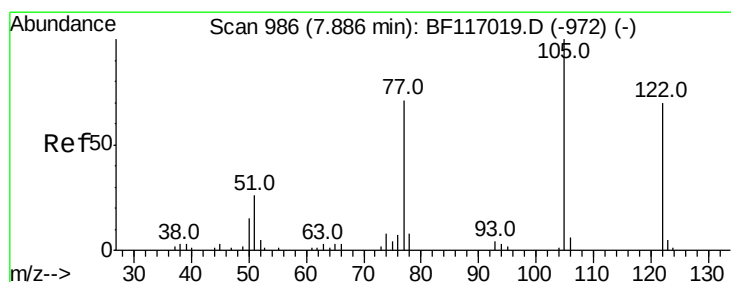
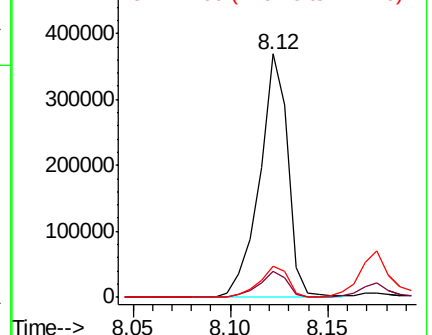
127 13.0 10.8 16.2



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: 48.663 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

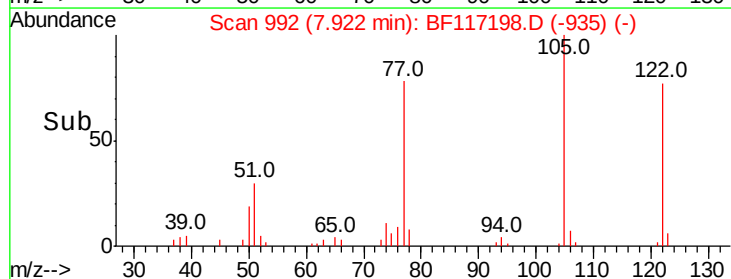
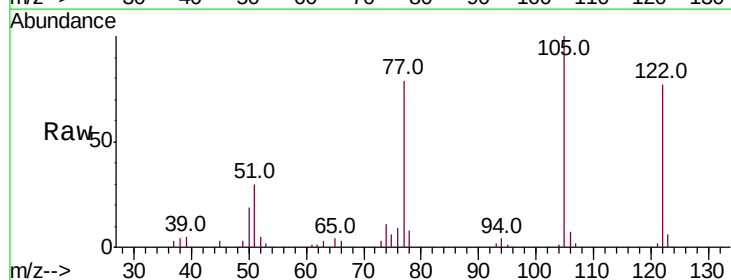
Tgt Ion:122 Resp: 59846

Ion Ratio Lower Upper

122 100

105 130.3 114.8 154.8

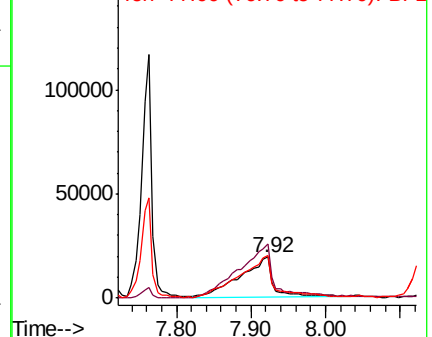
77 103.5 78.7 118.7

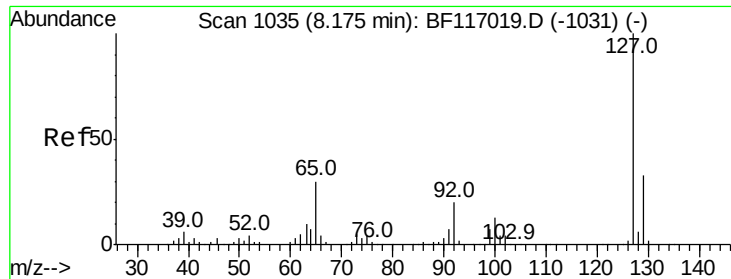


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

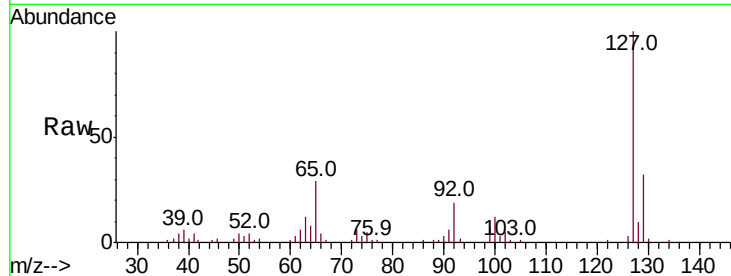




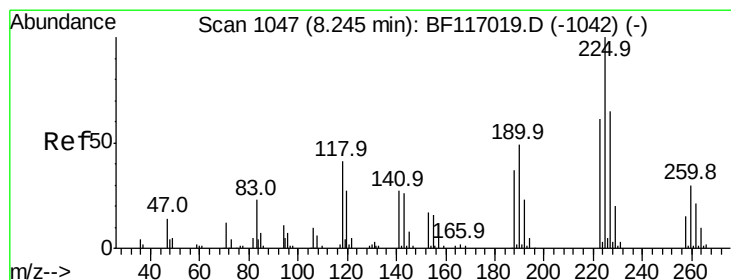
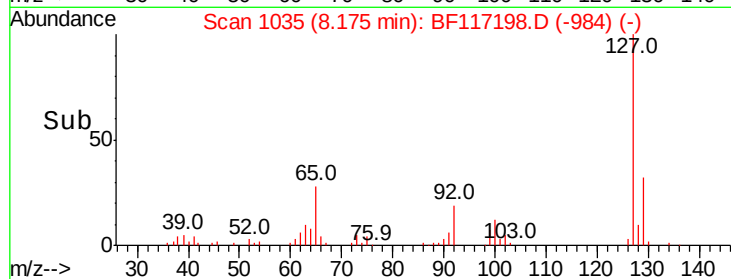
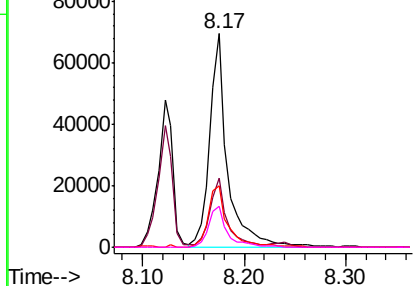
#33
4-Chloroaniline
Concen: 31.713 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	85876
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	29.1	23.5	35.3
92	19.5	15.9	23.9

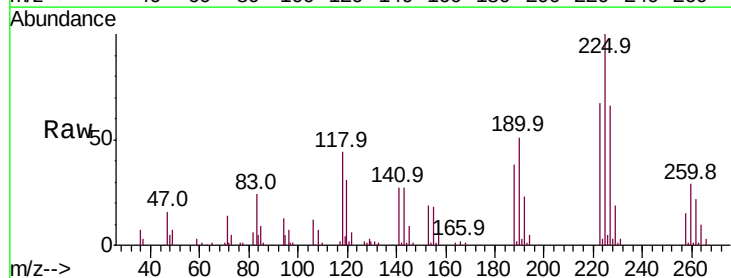


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

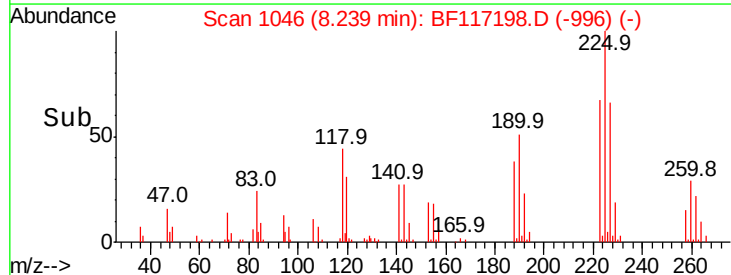
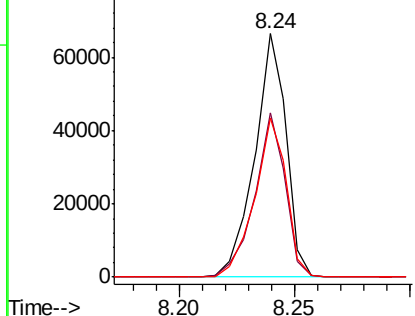


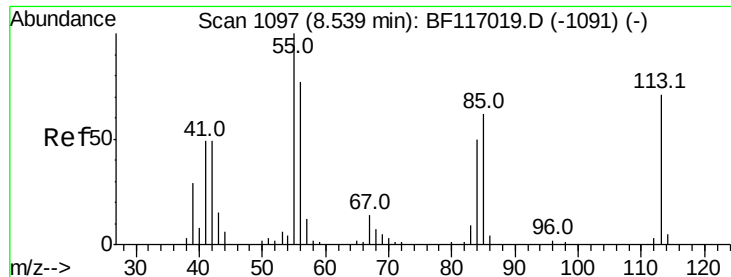
#34
Hexachlorobutadiene
Concen: 60.632 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:	225	Resp:	63287
Ion	Ratio	Lower	Upper
225	100		
223	67.2	49.1	73.7
227	65.6	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

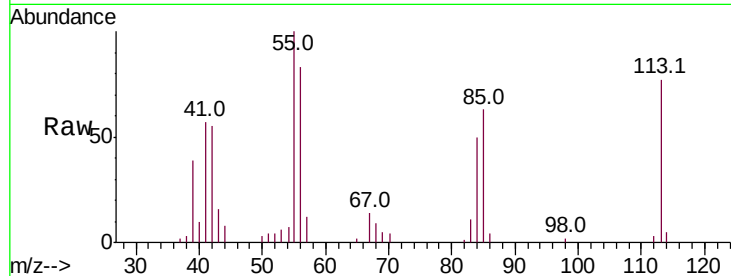




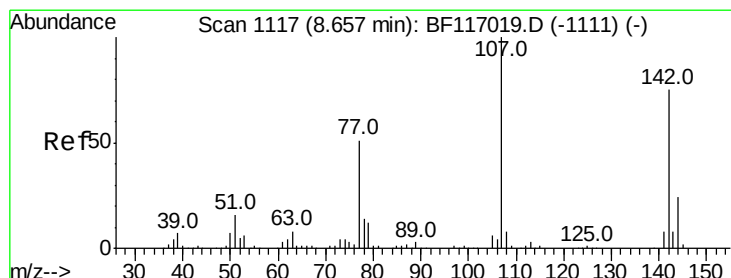
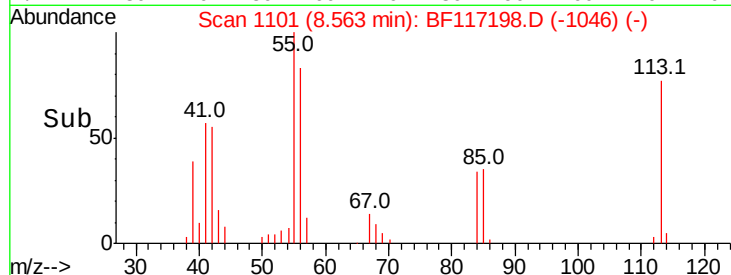
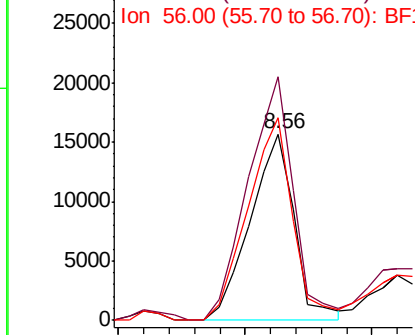
#35
 Caprolactam
 Concen: 32.905 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 18966
 Ion Ratio Lower Upper
 113 100
 55 130.5 120.6 160.6
 56 108.7 88.8 128.8

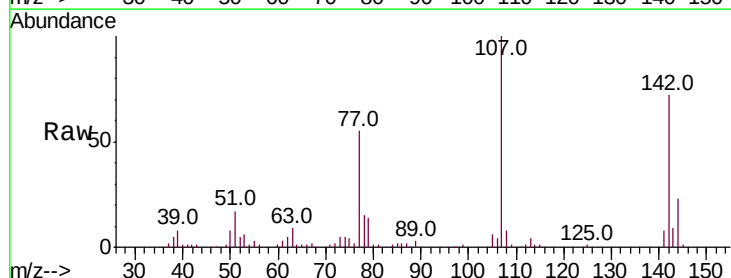


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

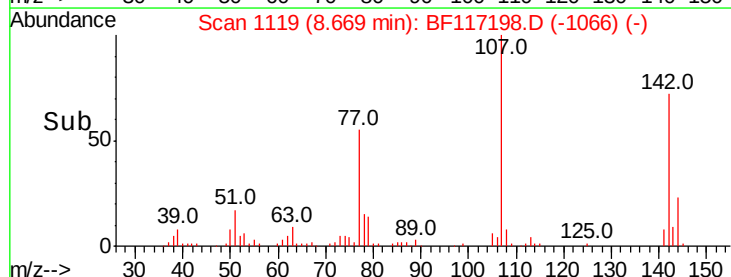
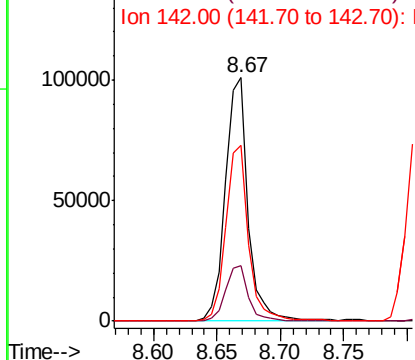


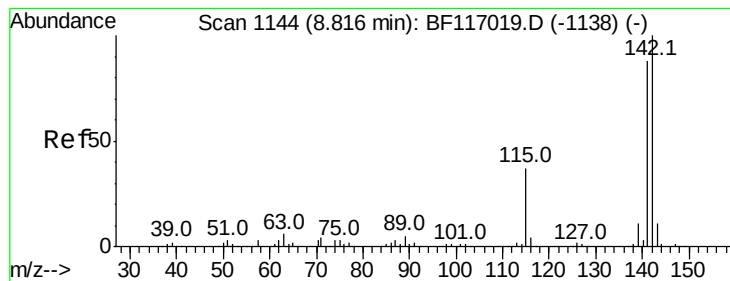
#36
 4-Chloro-3-methylphenol
 Concen: 63.310 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:107 Resp: 125710
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.2 28.8
 142 72.4 59.6 89.4



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





#37

2-Methylnaphthalene

Concen: 63.794 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

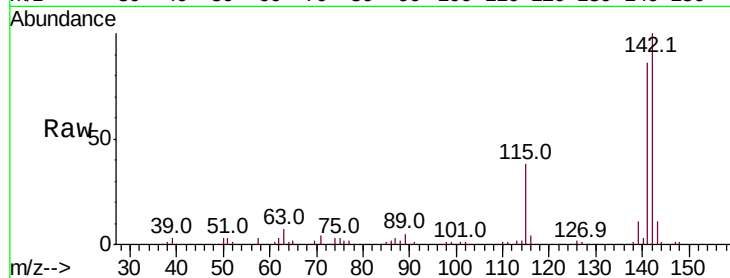
Tot Ion:142 Resp: 262271

Ion Ratio Lower Upper

142 100

141 85.8 70.7 106.1

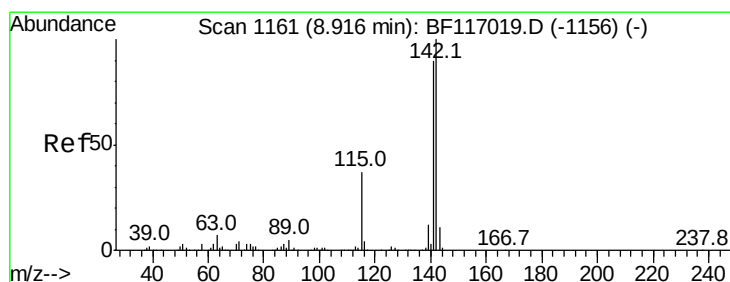
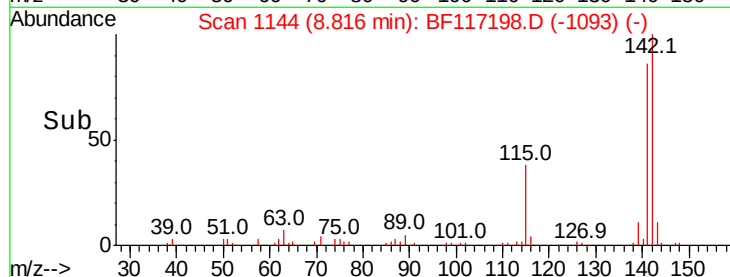
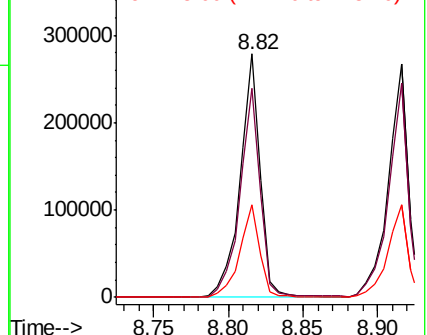
115 38.0 29.4 44.0



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: 62.794 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

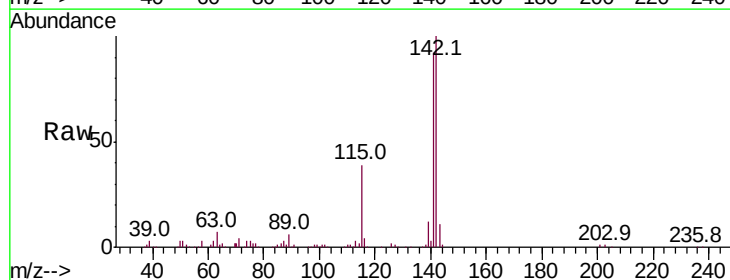
Tgt Ion:142 Resp: 241788

Ion Ratio Lower Upper

142 100

141 91.9 71.9 107.9

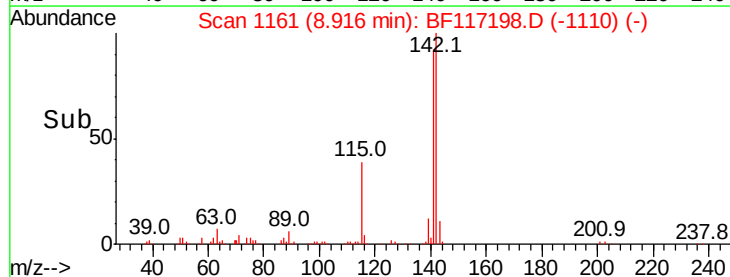
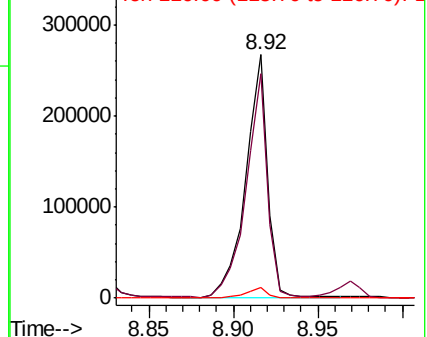
116 4.3 3.2 4.8

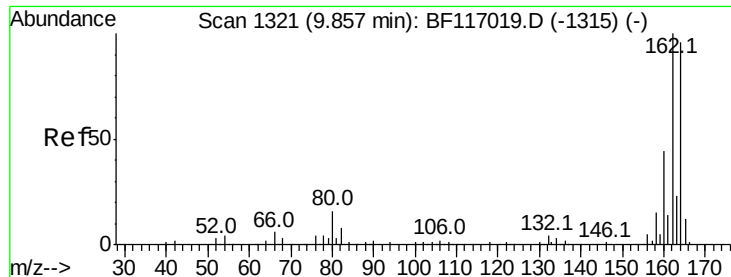


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

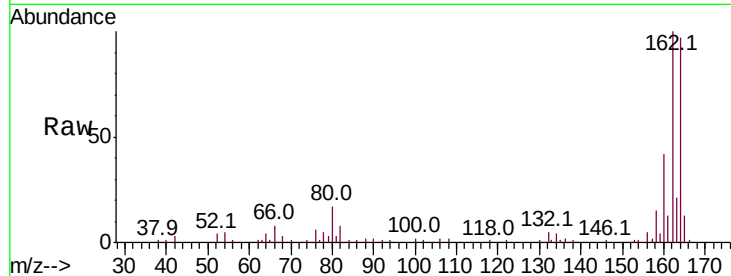




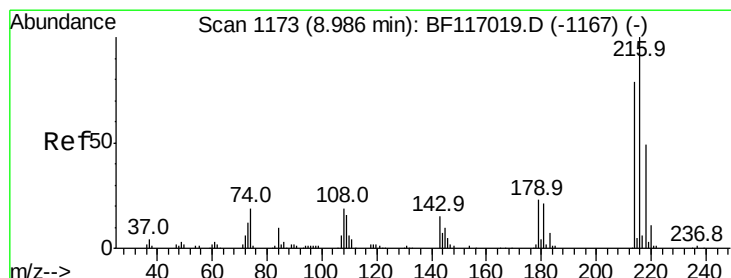
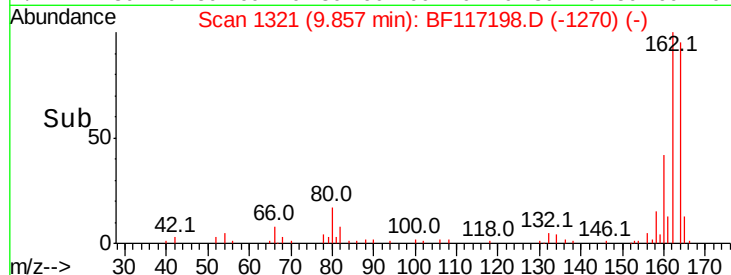
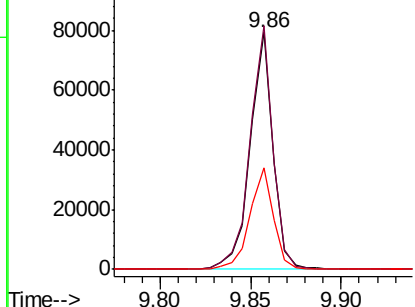
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 69024
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.2
160 43.1 36.4 54.6

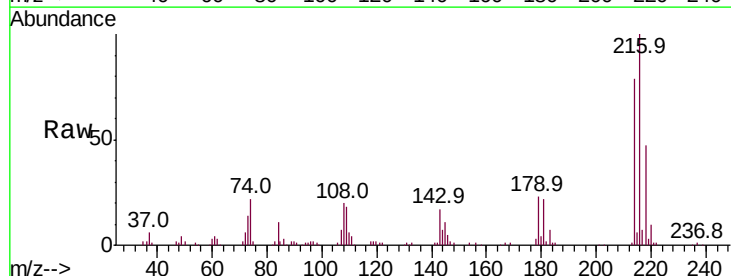


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

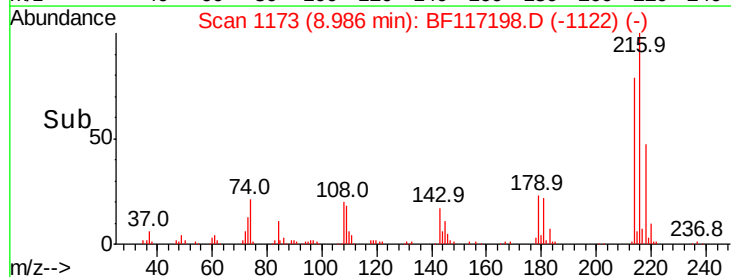
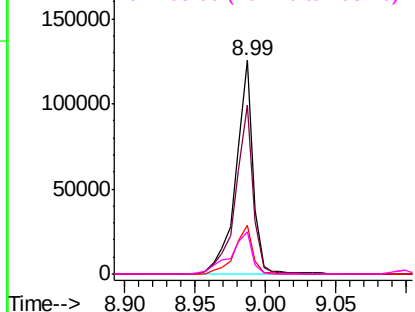


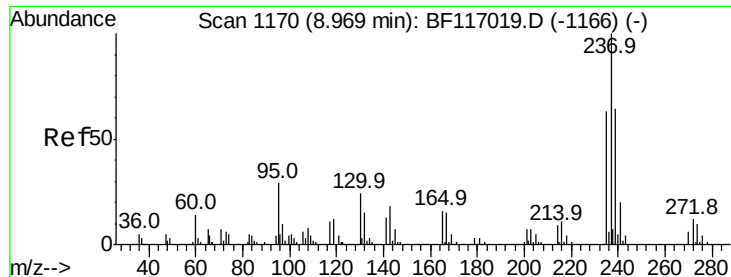
#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.209 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:216 Resp: 105534
Ion Ratio Lower Upper
216 100
214 80.4 63.6 95.4
179 23.4 18.3 27.5
108 25.4 17.8 26.6



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: 138.726 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

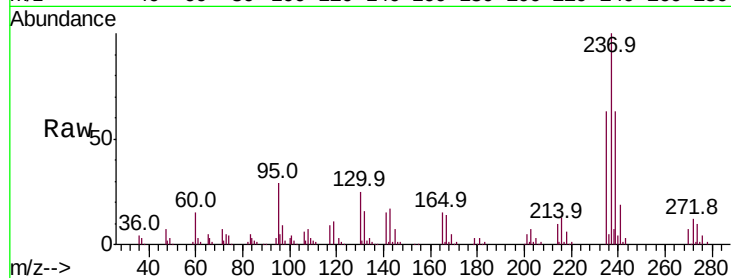
Tot Ion: 237 Resp: 114328

Ion Ratio Lower Upper

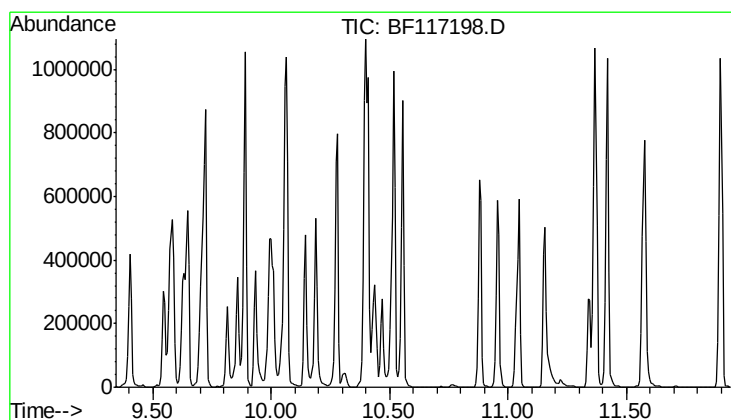
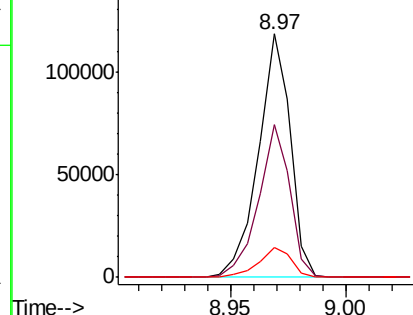
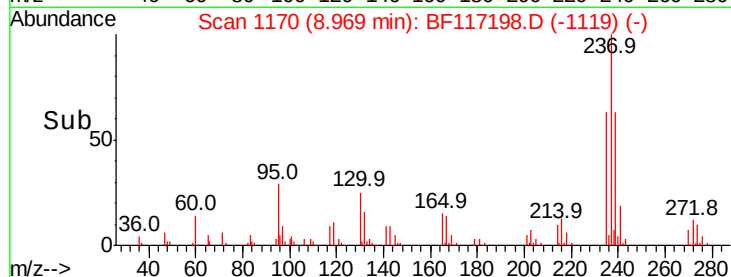
237 100

235 62.9 43.2 83.2

272 12.2 0.0 31.9



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: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

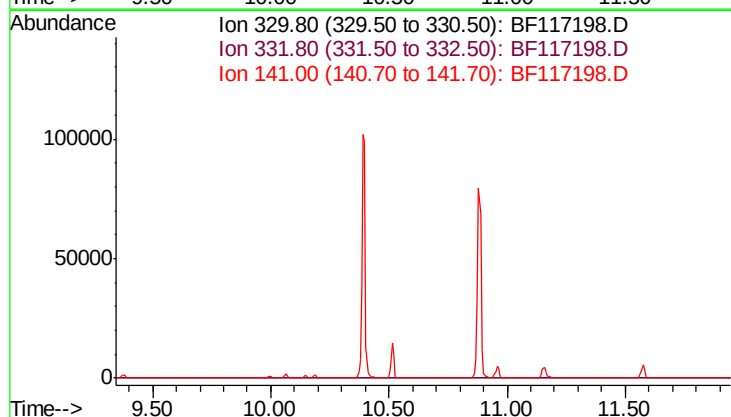
Tgt Ion: 330

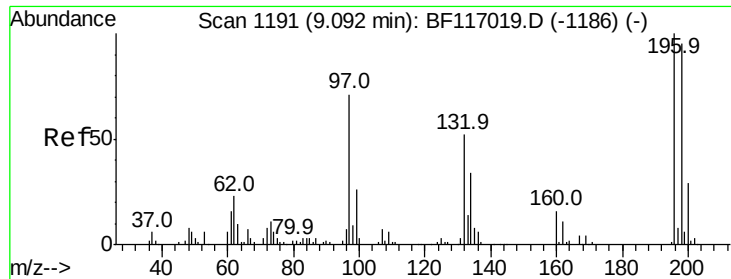
Sig Exp Ratio

330 100

332 97.5

141 44.7

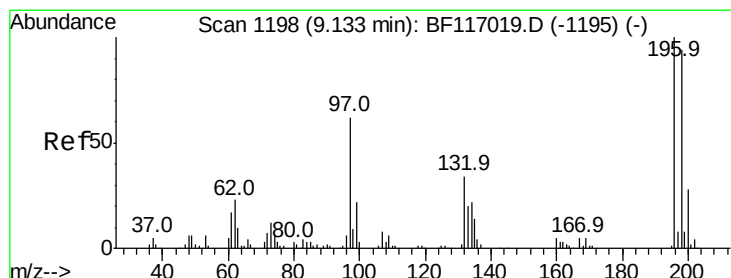
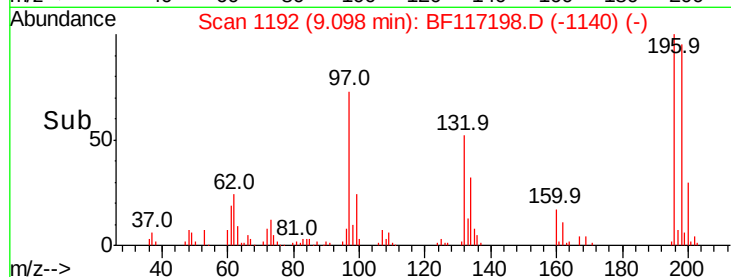
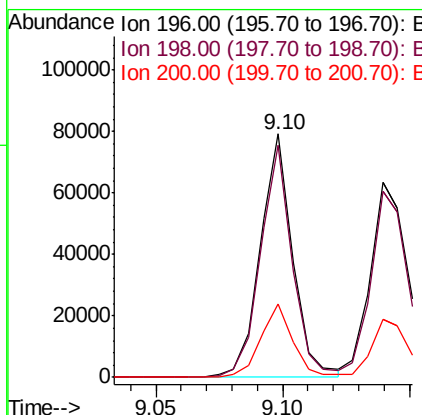
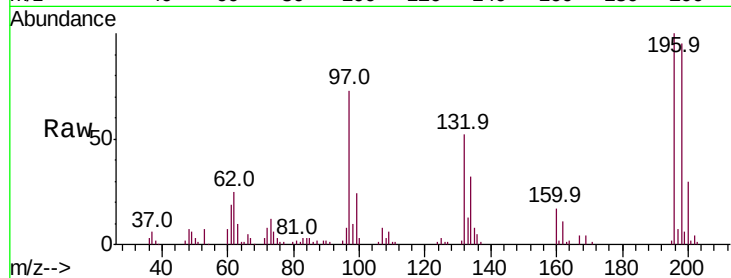




#43
 2,4,6-Trichlorophenol
 Concen: 58.089 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

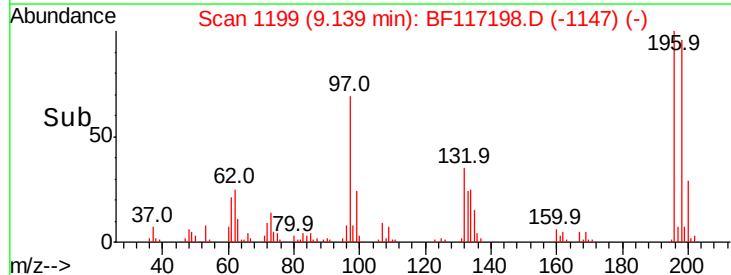
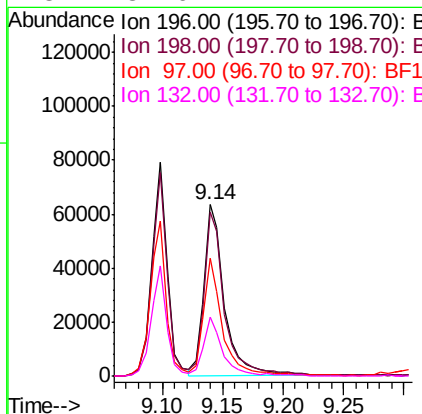
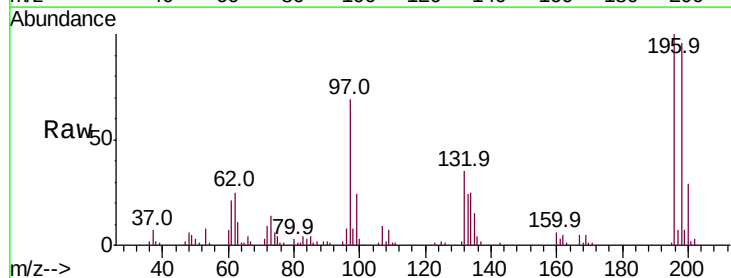
Instrument :
 BNA_F
 ClientSampleId :

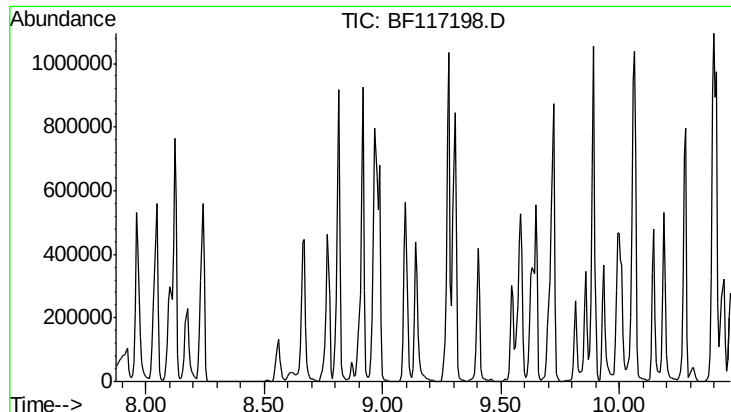
Tot Ion:196	Resp:	70263
Ion	Ratio	Lower Upper
196	100	
198	95.1	75.7 113.5
200	29.9	23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 57.613 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:196	Resp:	74455
Ion	Ratio	Lower Upper
196	100	
198	95.6	74.6 112.0
97	68.9	49.5 74.3
132	34.6	27.4 41.2

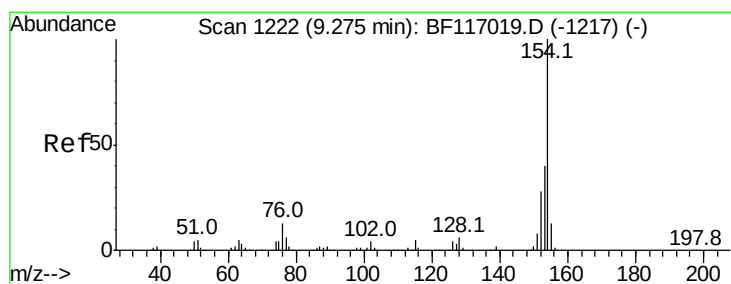
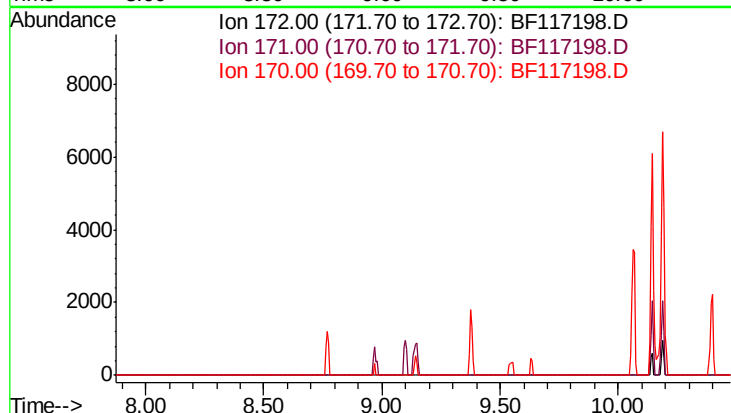




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

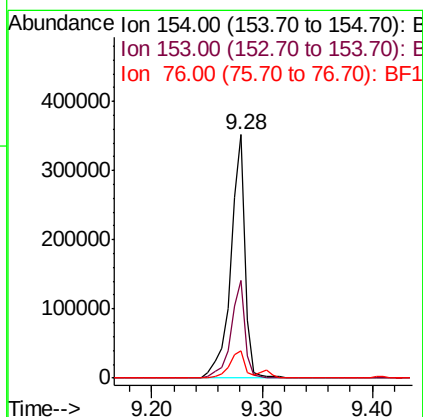
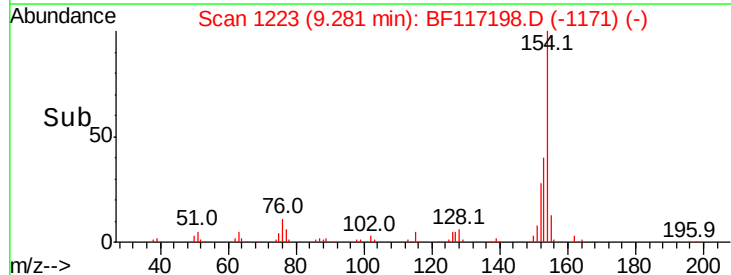
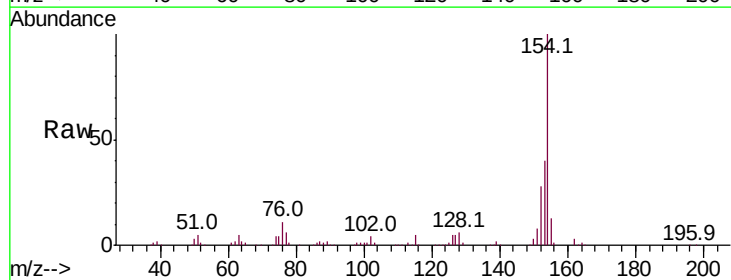
Instrument :
 BNA_F
 ClientSampleId :

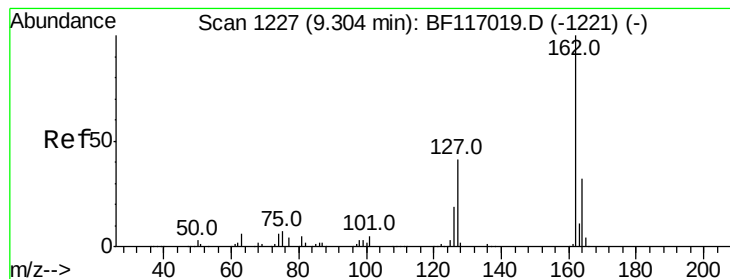
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 35.2
 170 23.6



#46
 1,1'-Biphenyl
 Concen: 58.369 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion: 154 Resp: 316024
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.0 60.0
 76 11.3 0.0 32.7





#47

2-Chloronaphthalene

Concen: 57.654 ng

RT: 9.30 min Scan# 1227

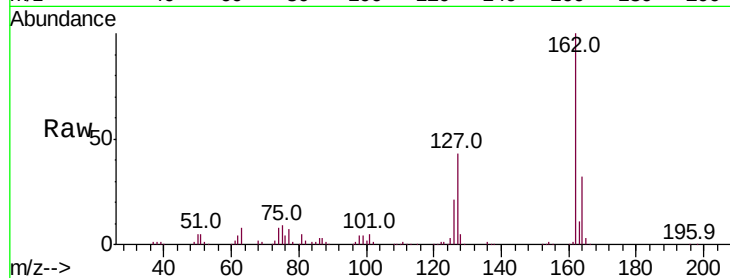
Delta R.T. 0.00 min

Lab File: BF117198.D

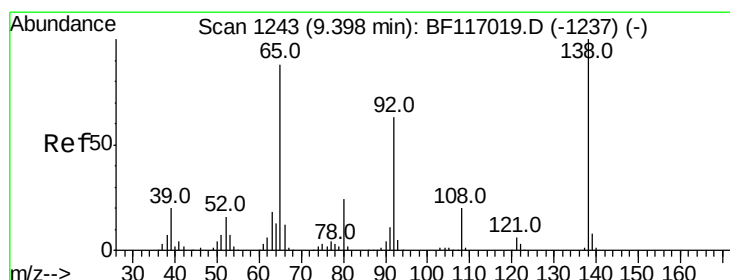
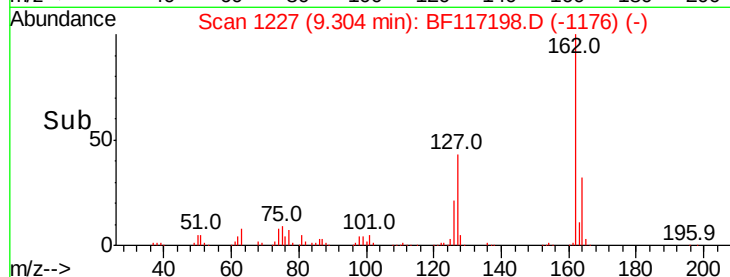
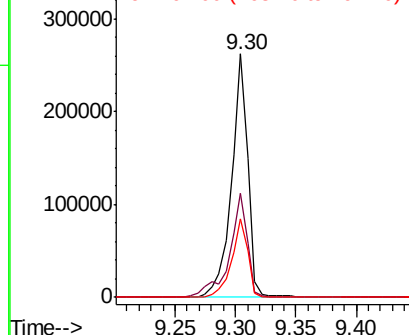
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	162	Resp:	246357
Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.1	51.1
164	32.2	25.9	38.9



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: 55.887 ng

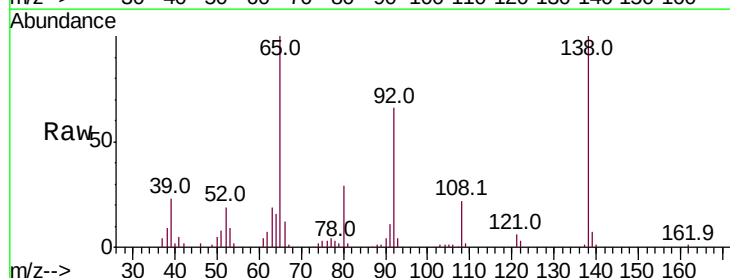
RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

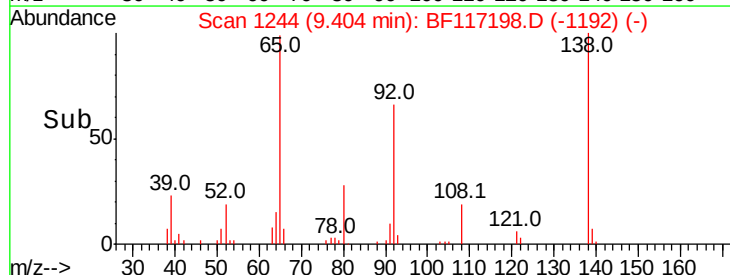
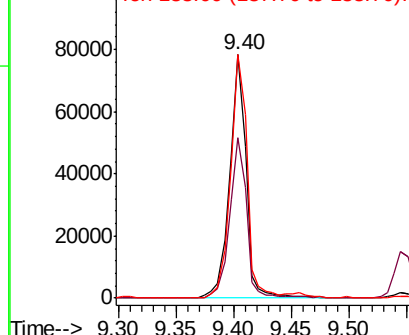
Lab File: BF117198.D

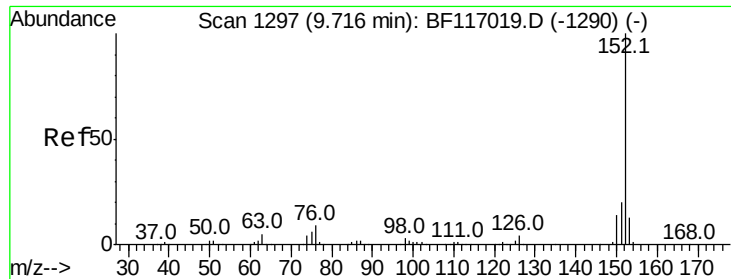
Acq: 20 Sep 2019 20:57

Tgt Ion:	65	Resp:	76597
Ion	Ratio	Lower	Upper
65	100		
92	66.0	57.5	86.3
138	99.8	90.6	136.0



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: 59.399 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

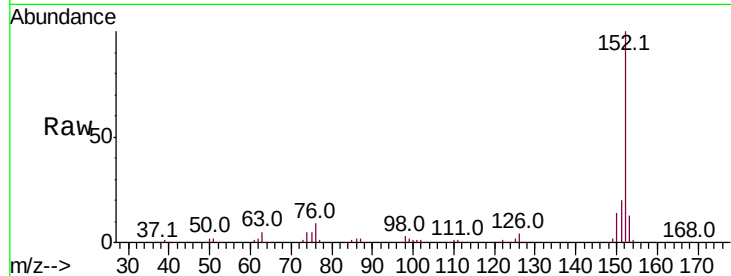
Tot Ion:152 Resp: 380224

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

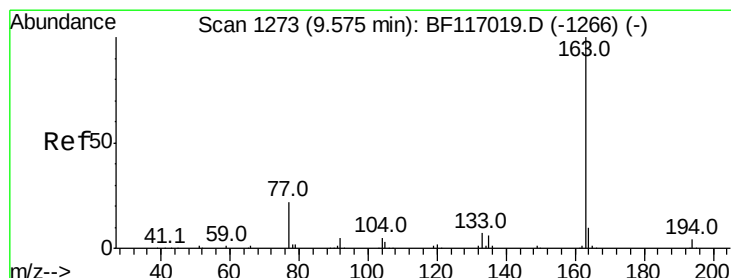
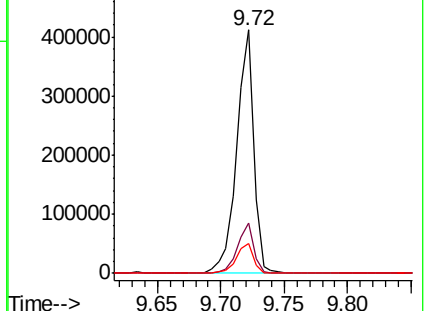
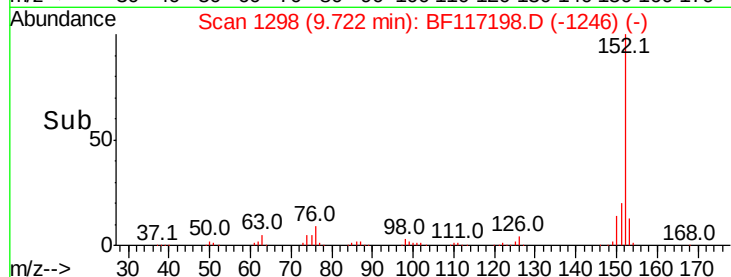
153 12.5 10.2 15.4



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: 59.221 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

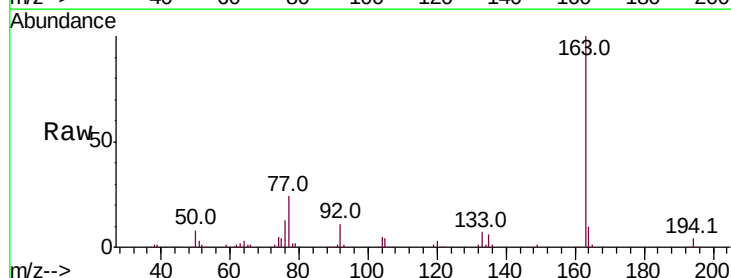
Tgt Ion:163 Resp: 289427

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

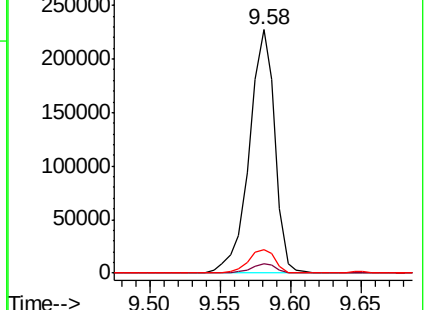
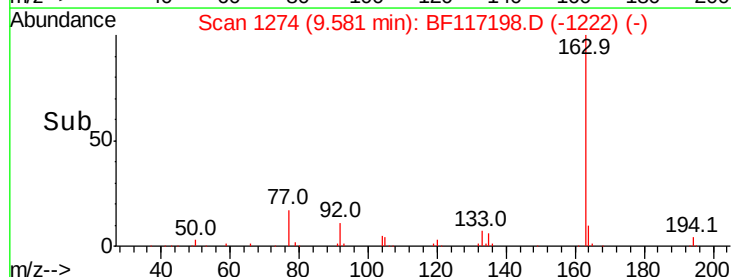
164 9.9 8.2 12.4

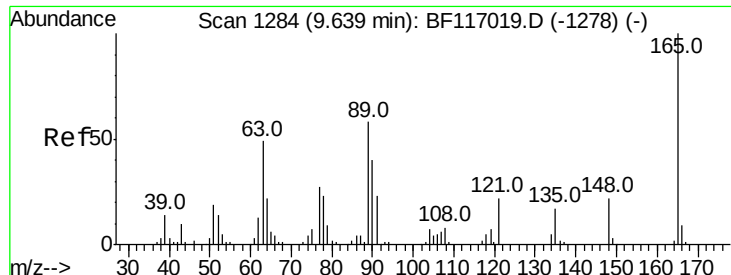


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 62.033 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

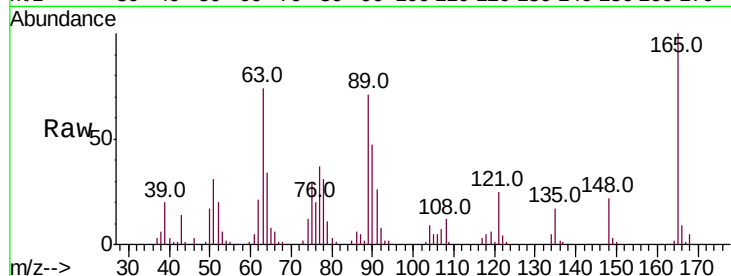
Tot Ion:165 Resp: 61746

Ion Ratio Lower Upper

165 100

63 74.3 41.8 62.8#

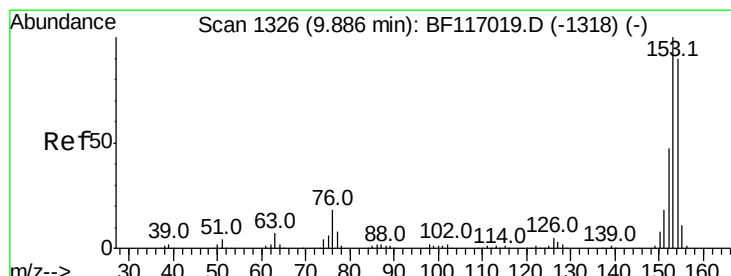
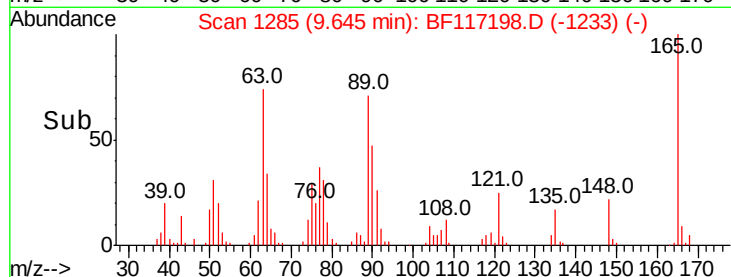
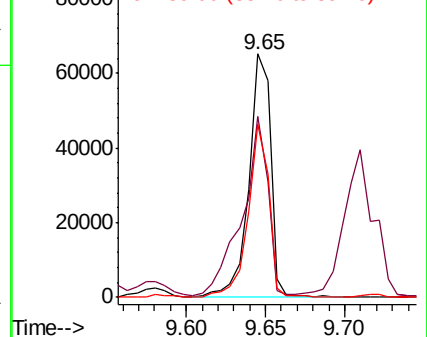
89 71.3 46.5 69.7#



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: 58.371 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

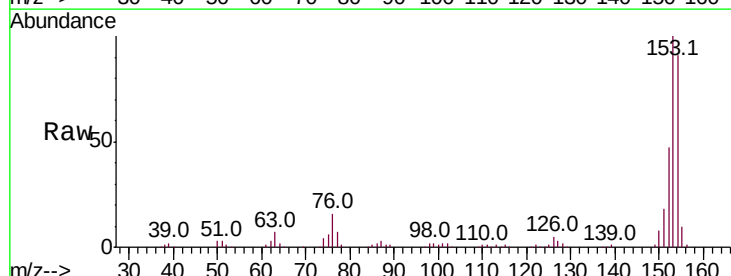
Tgt Ion:154 Resp: 221490

Ion Ratio Lower Upper

154 100

153 109.6 89.0 133.6

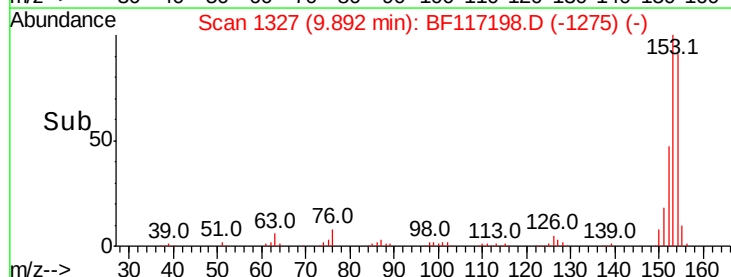
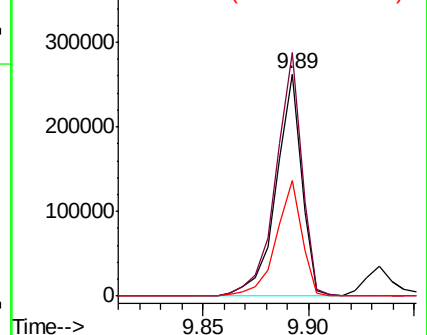
152 52.0 41.9 62.9

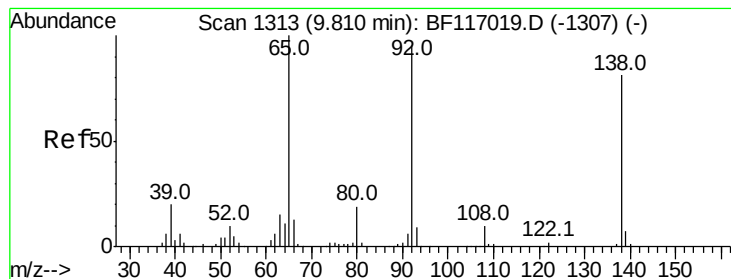


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.731 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

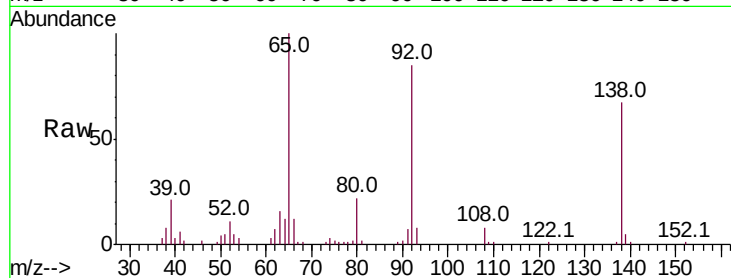
Tot Ion:138 Resp: 38594

Ion Ratio Lower Upper

138 100

108 12.1 9.5 14.3

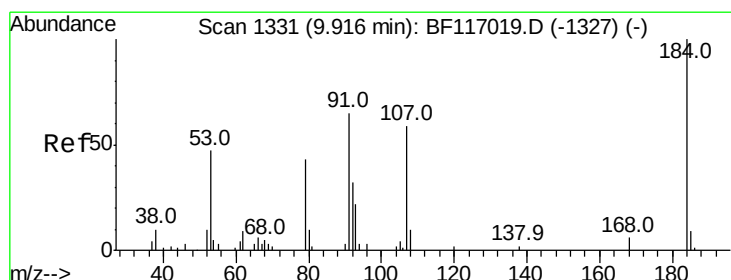
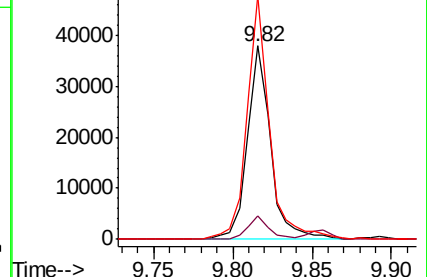
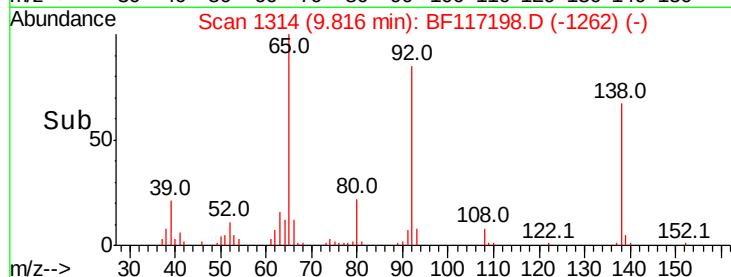
92 125.8 94.1 141.1



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: 101.889 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

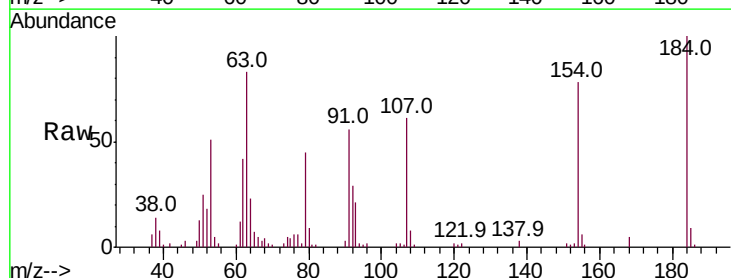
Tgt Ion:184 Resp: 45009

Ion Ratio Lower Upper

184 100

63 83.1 63.8 95.6

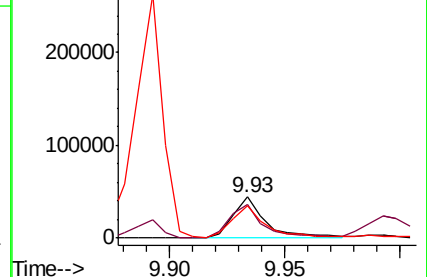
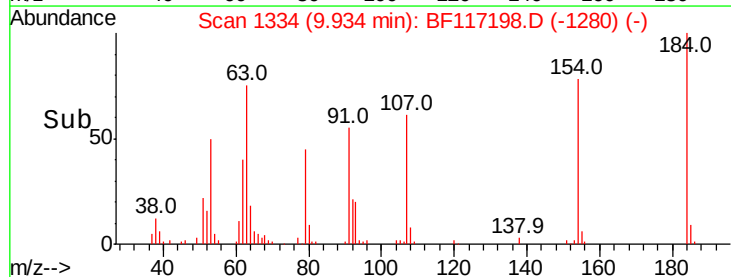
154 77.8 60.4 90.6

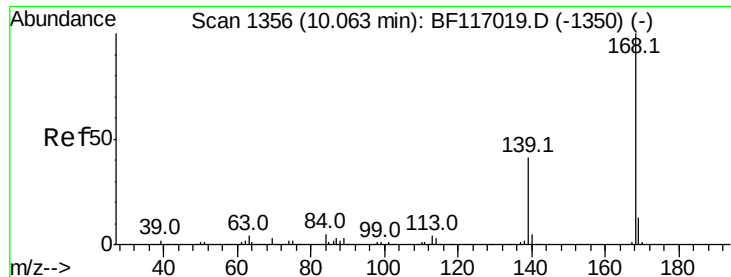


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

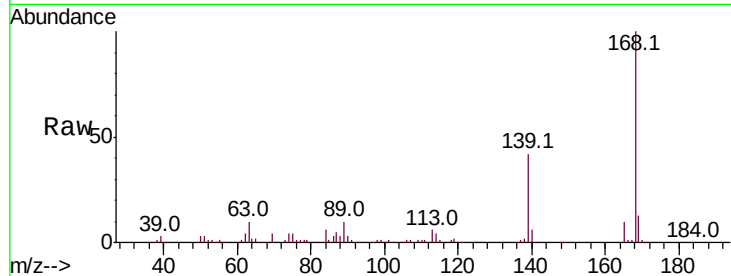




#55
Dibenzofuran
Concen: 61.167 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	12.9	10.5	15.7

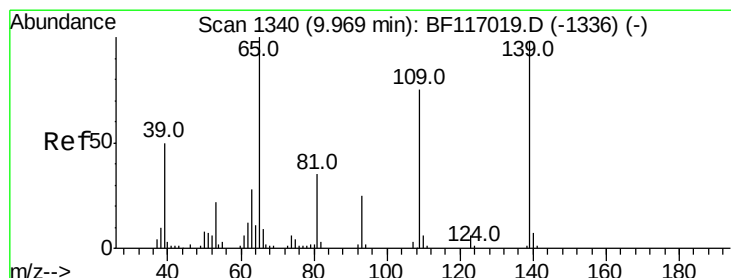
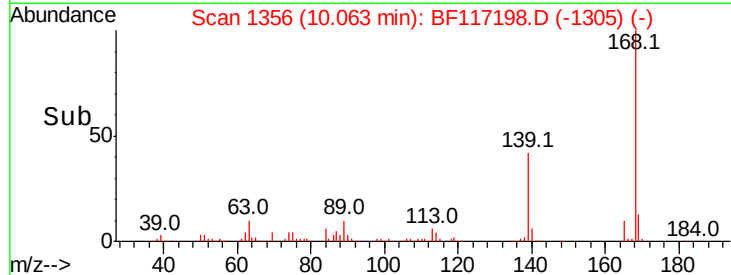
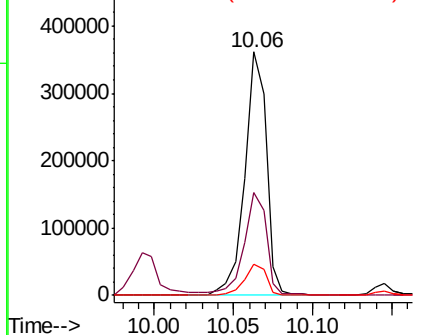


Abundance

Ion 168.00 (167.70 to 168.70): E

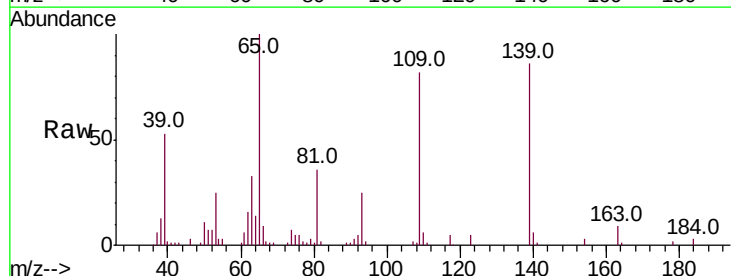
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.642 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	56.4	96.4
65	116.6	82.5	122.5

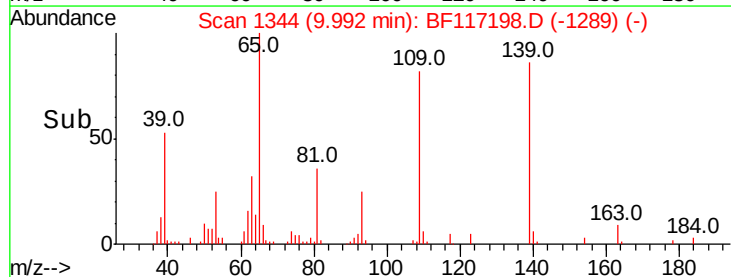
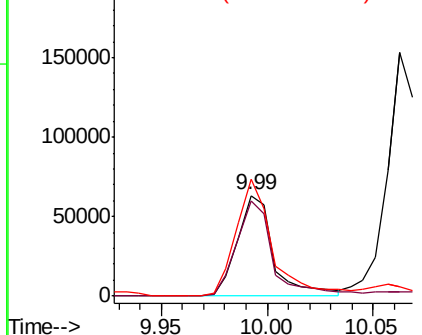


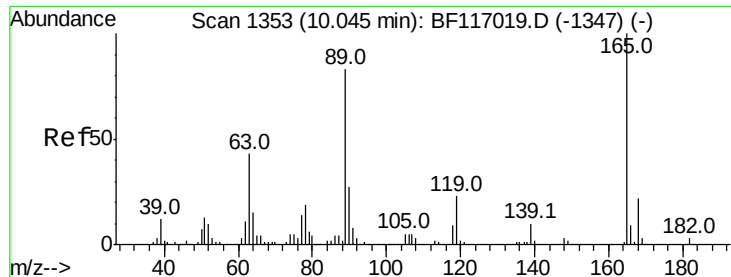
Abundance

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

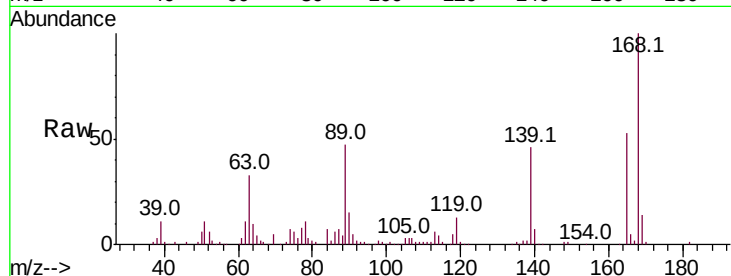




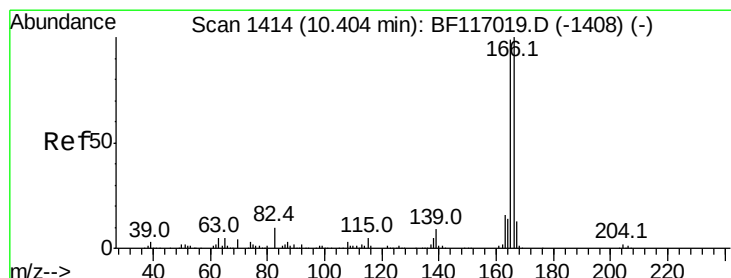
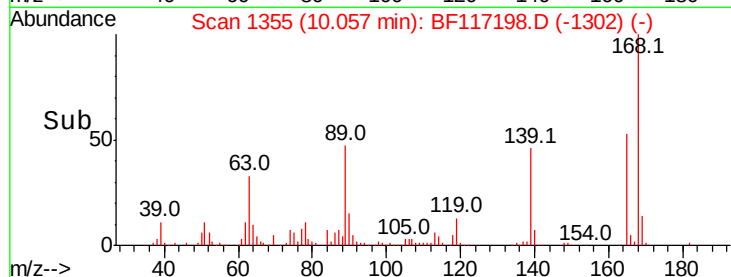
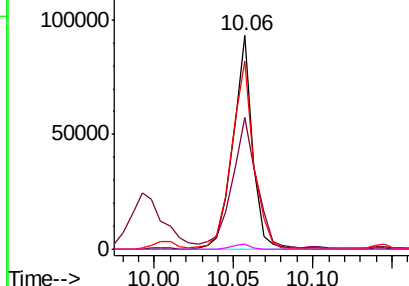
#57
2,4-Dinitrotoluene
Concen: 61.973 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.9	35.0	52.4#
89	88.3	66.1	99.1
182	2.4	2.0	3.0

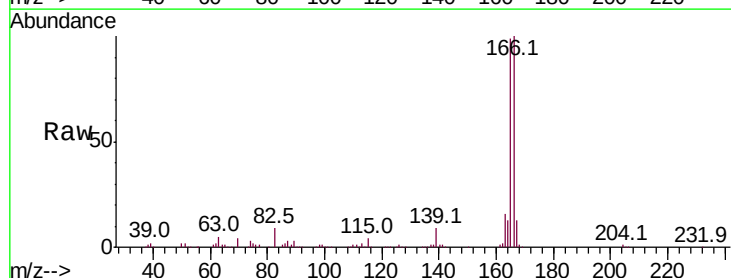


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

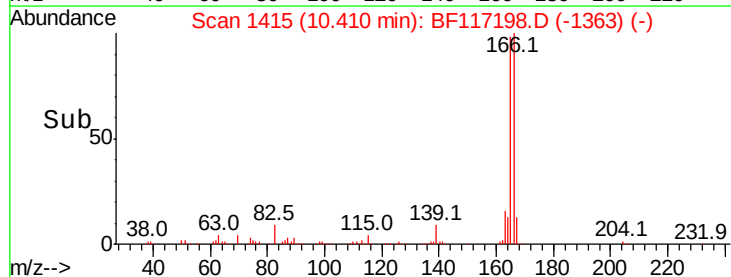
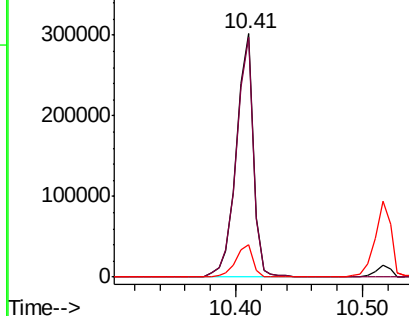


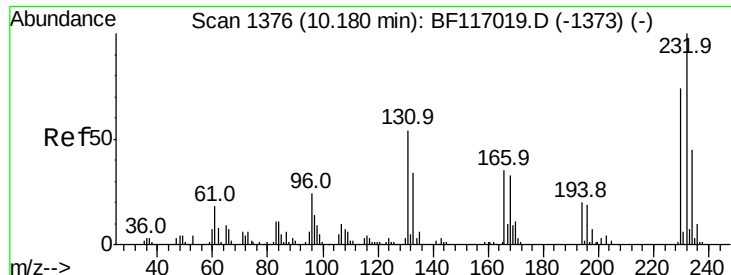
#58
Fluorene
Concen: 61.817 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	13.4	10.6	15.8



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

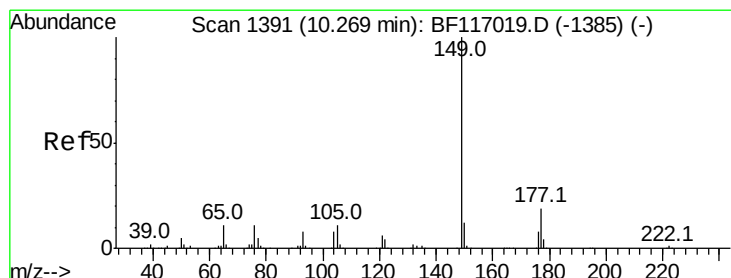
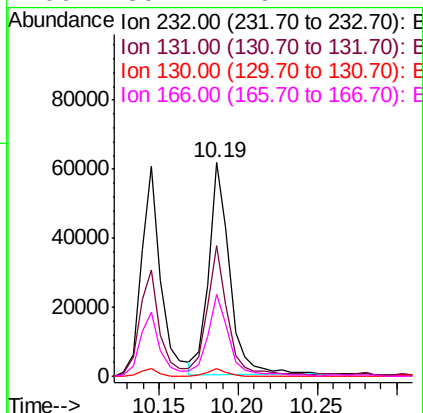
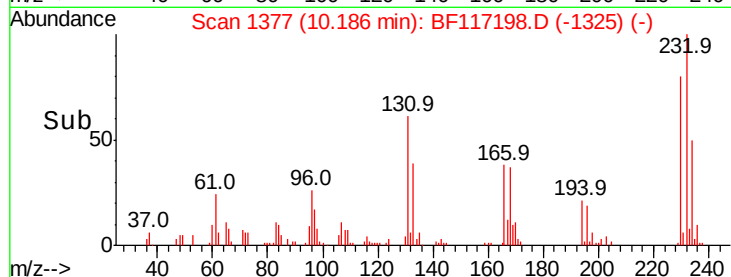
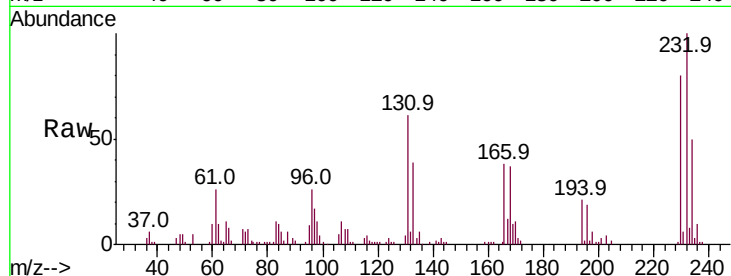




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.543 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

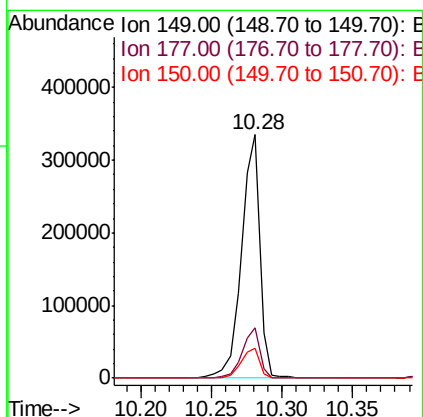
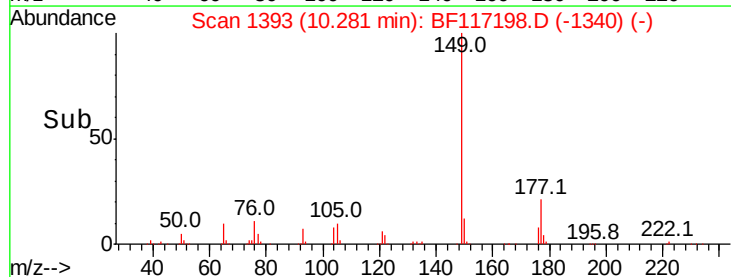
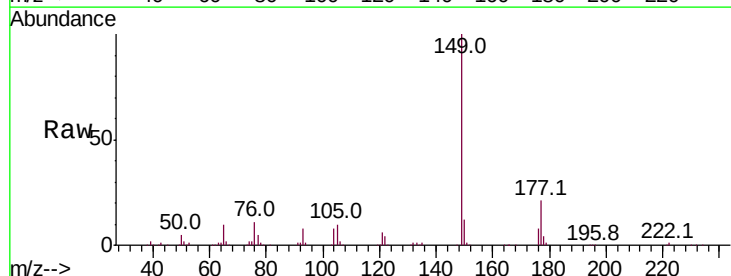
Instrument :
 BNA_F
 ClientSampled :

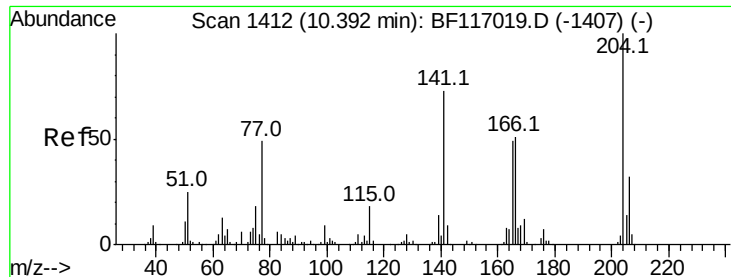
Tot Ion:232 Resp: 57896
 Ion Ratio Lower Upper
 232 100
 131 58.6 45.3 67.9
 130 3.4 1.8 2.8#
 166 39.1 29.4 44.2



#60
 Diethylphthalate
 Concen: 63.083 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:149 Resp: 303315
 Ion Ratio Lower Upper
 149 100
 177 20.6 15.2 22.8
 150 12.4 9.9 14.9





#61

4-Chlorophenyl-phenylether

Concen: 64.844 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

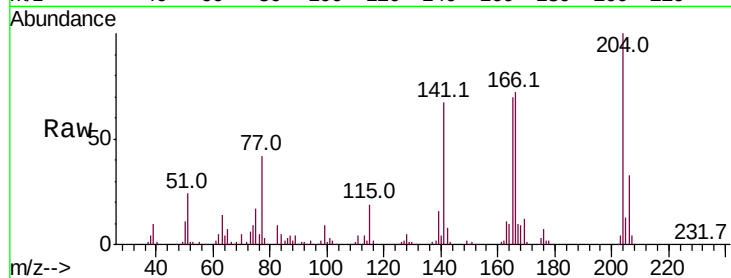
Tot Ion:204 Resp: 126526

Ion Ratio Lower Upper

204 100

206 33.1 26.0 39.0

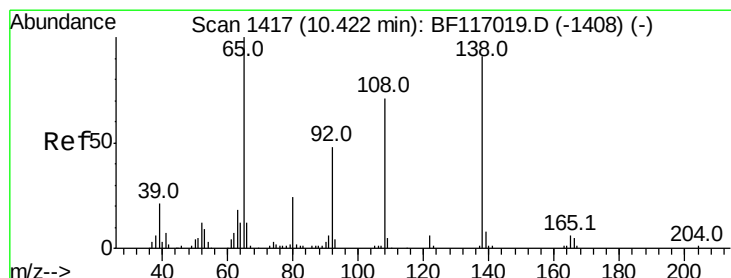
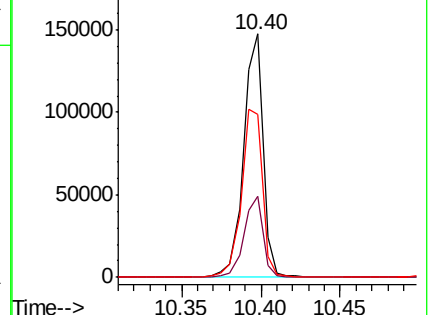
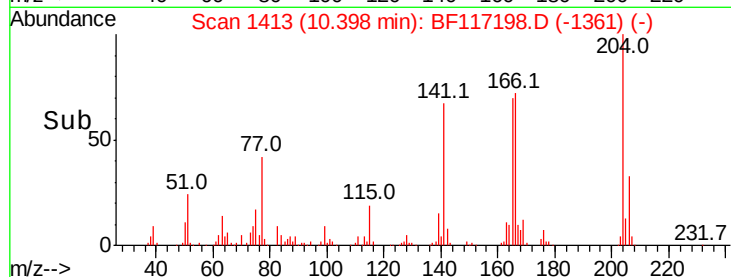
141 66.8 58.2 87.2



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: 49.679 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.02 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

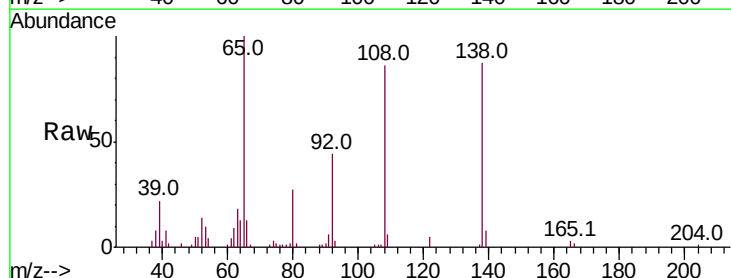
Tgt Ion:138 Resp: 64883

Ion Ratio Lower Upper

138 100

92 50.5 32.9 72.9

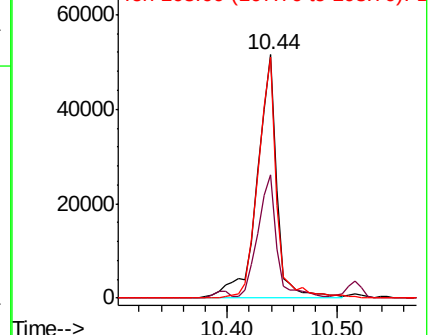
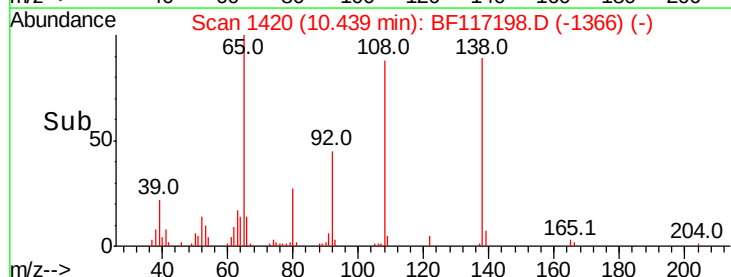
108 99.1 58.3 98.3#

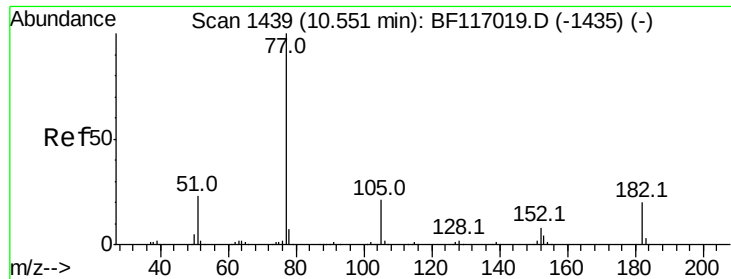


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 62.586 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 307343

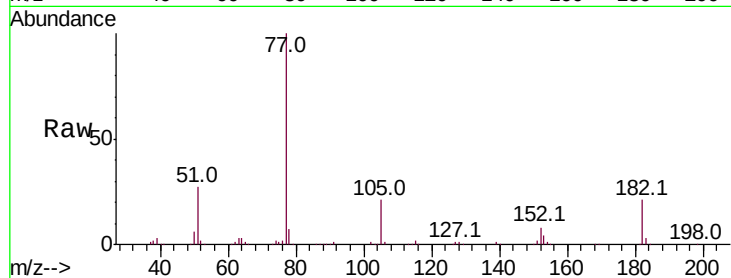
Ion Ratio Lower Upper

77 100

182 21.2 0.4 40.4

105 21.1 0.9 40.9

51 26.8 2.8 42.8

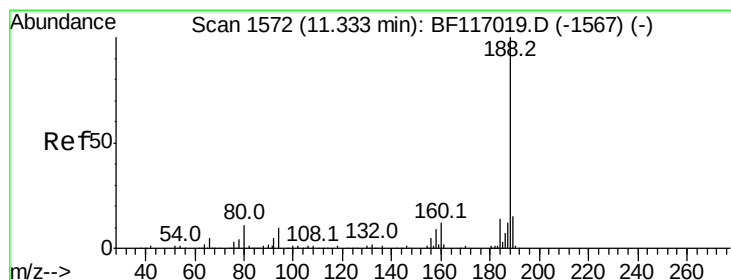
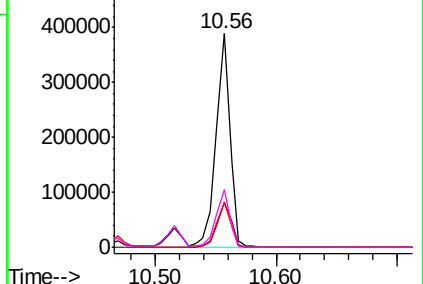
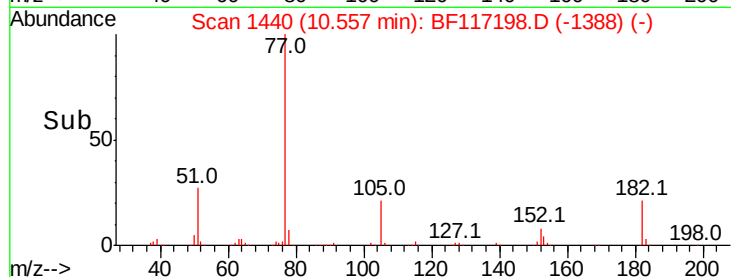


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

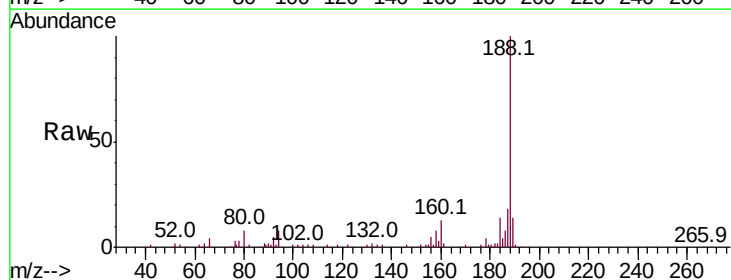
Tgt Ion: 188 Resp: 108364

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

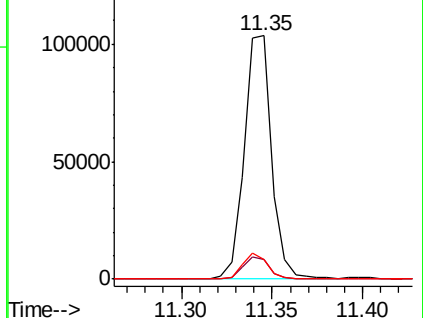
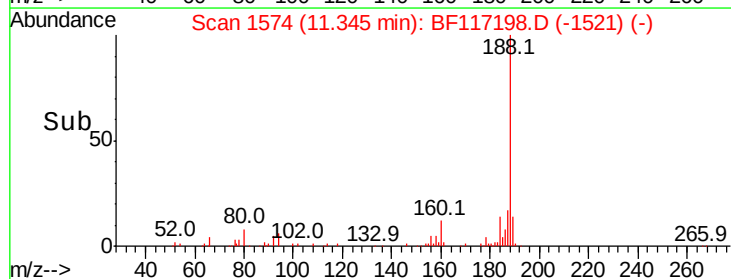
80 7.9 9.0 13.6#

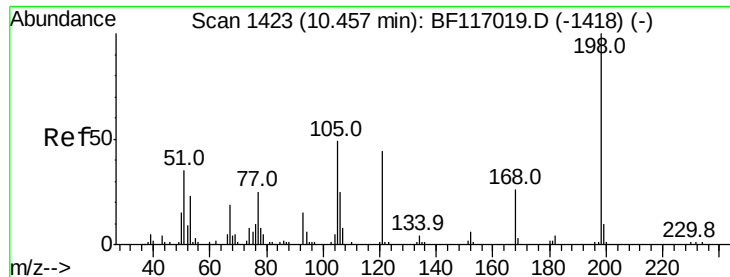


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

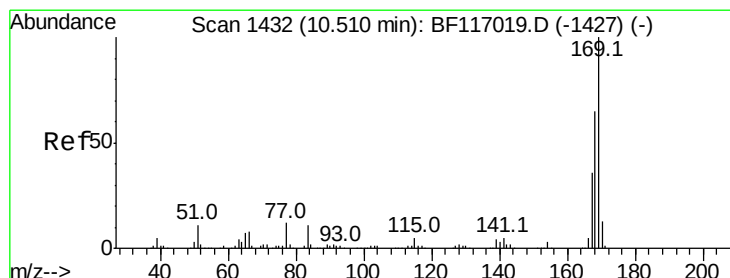
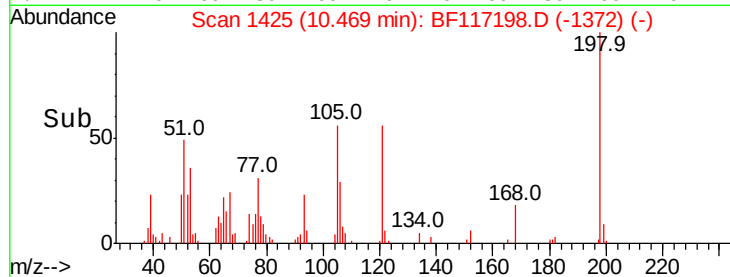
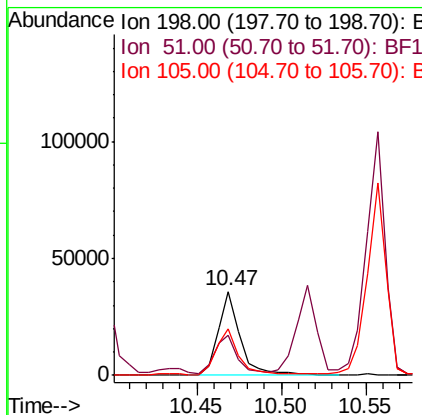
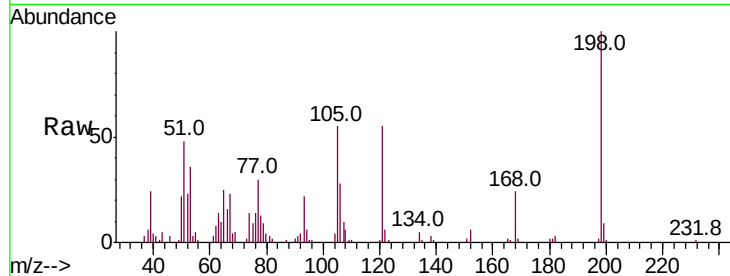




#65
 4,6-Dinitro-2-methylphenol
 Concen: 64.355 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

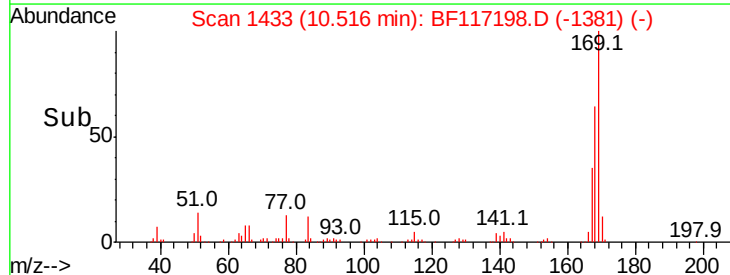
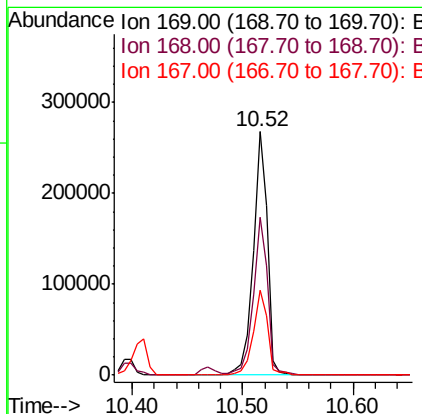
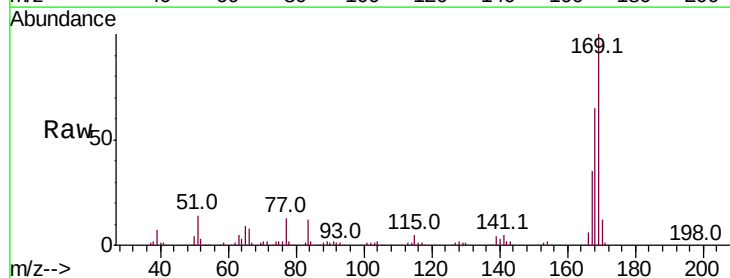
Instrument :
 BNA_F
 ClientSampleId :

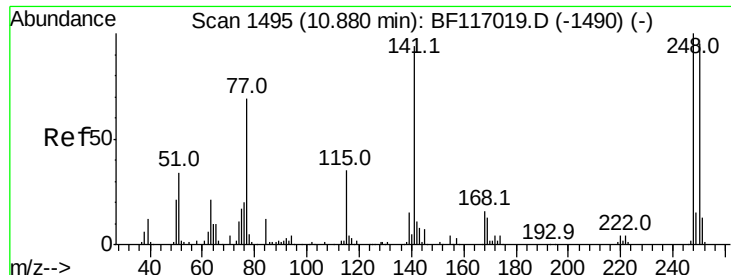
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.0	18.7	58.7
105	55.4	30.2	70.2



#66
 n-Nitrosodiphenylamine
 Concen: 64.440 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.8	52.2	78.2
167	35.0	28.8	43.2

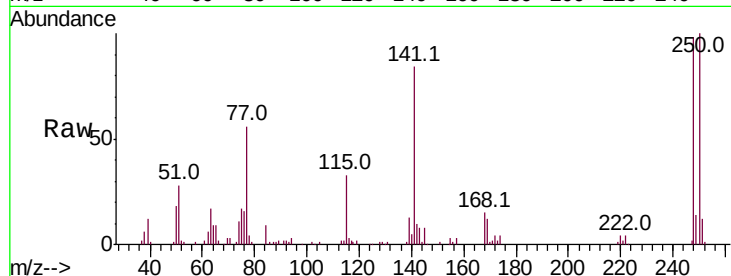




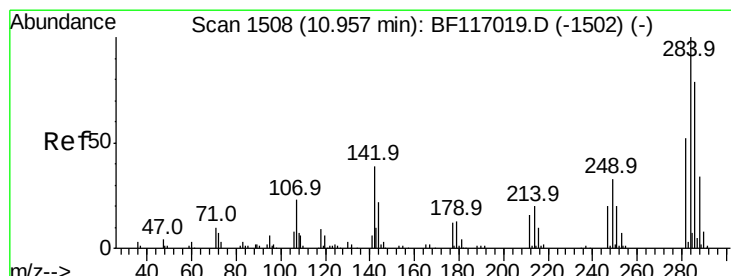
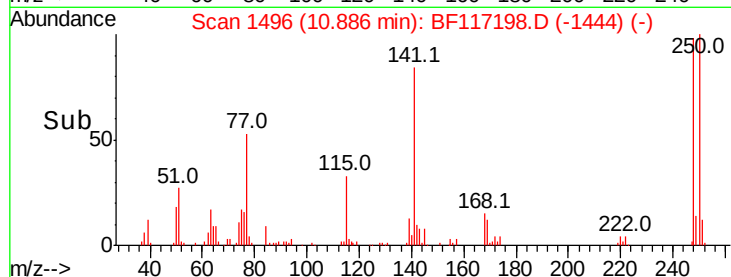
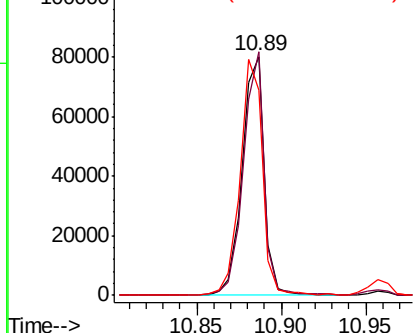
#67
 4-Bromophenyl-phenylether
 Concen: 65.905 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 72934
 Ion Ratio Lower Upper
 248 100
 250 102.1 76.2 114.4
 141 86.1 75.0 112.4

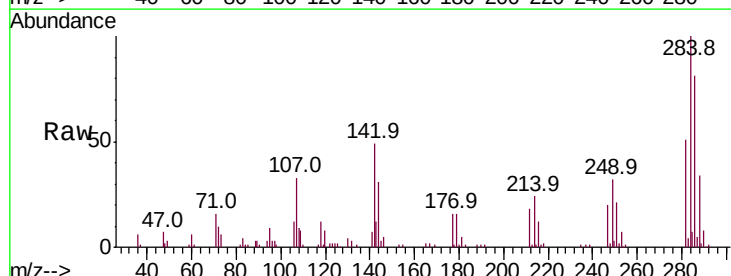


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

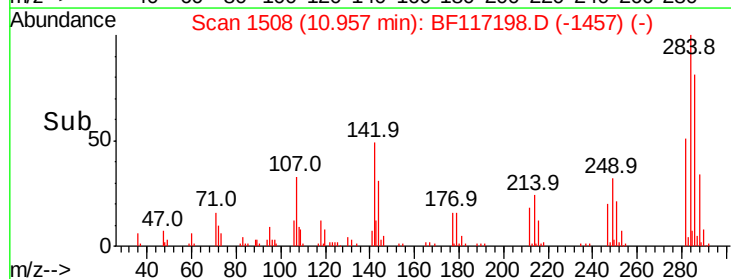
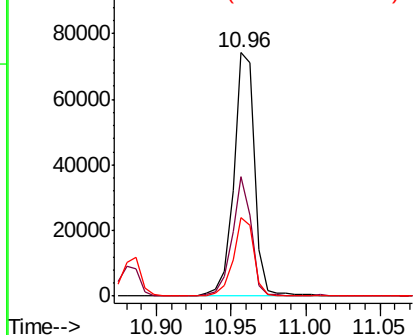


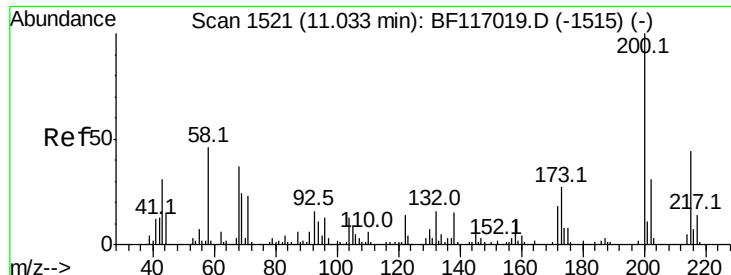
#68
 Hexachlorobenzene
 Concen: 60.430 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:284 Resp: 73145
 Ion Ratio Lower Upper
 284 100
 142 49.0 31.4 47.2#
 249 32.3 26.5 39.7



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

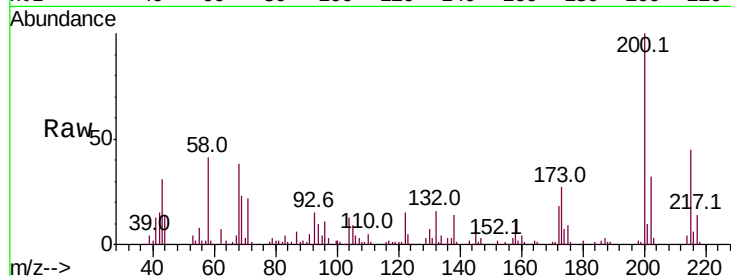




#69
 Atrazine
 Concen: 111.723 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	45.5	23.8	63.8

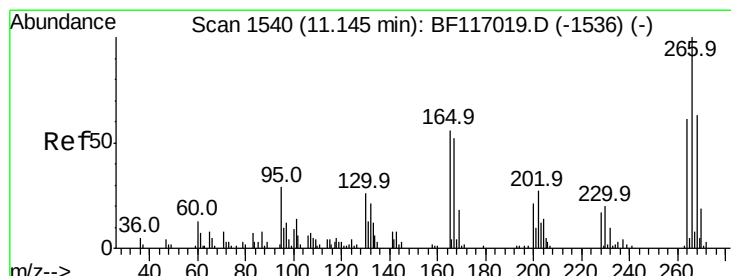
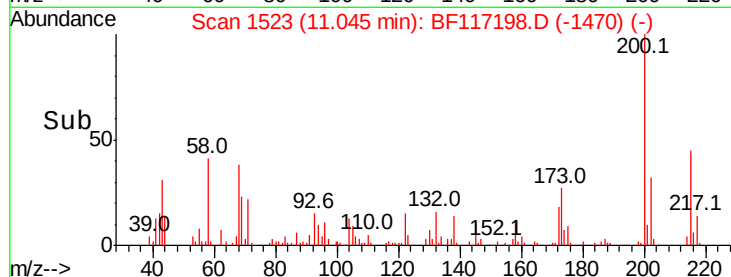
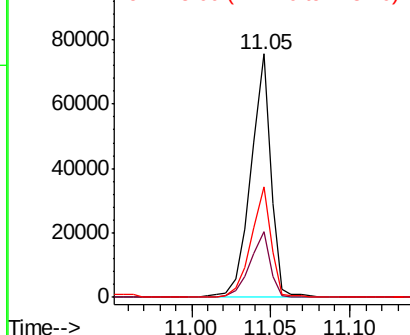


Abundance

Ion 200.00 (199.70 to 200.70): E

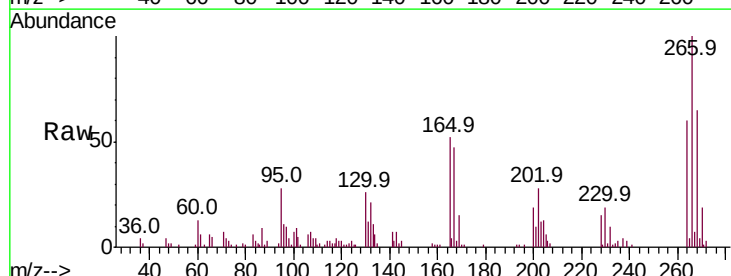
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 119.199 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.5	75.7
264	60.5	48.8	73.2

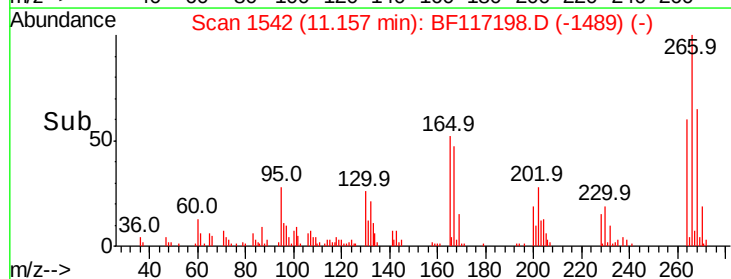
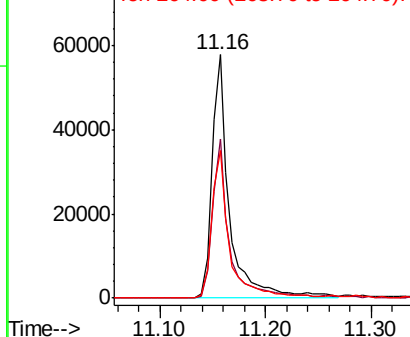


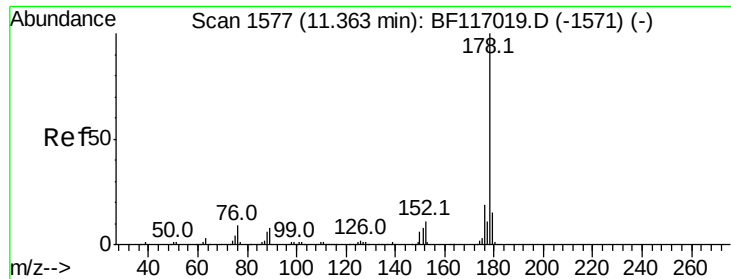
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

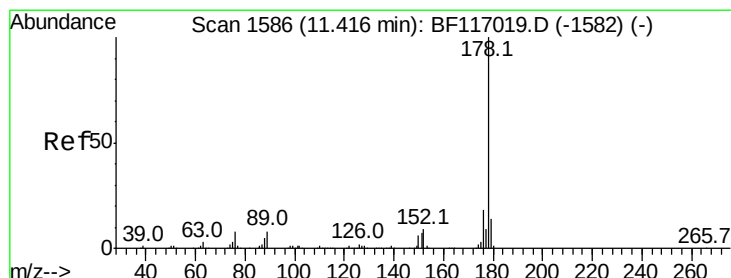
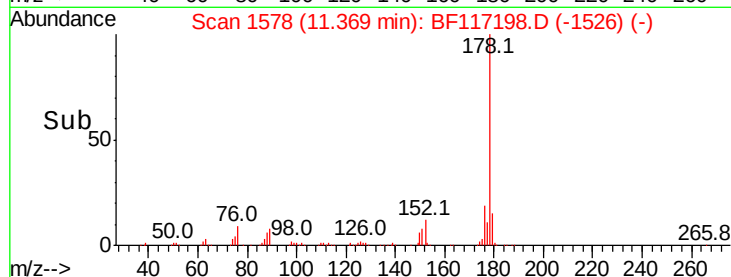
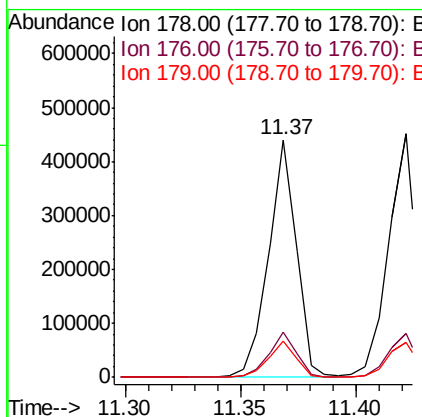
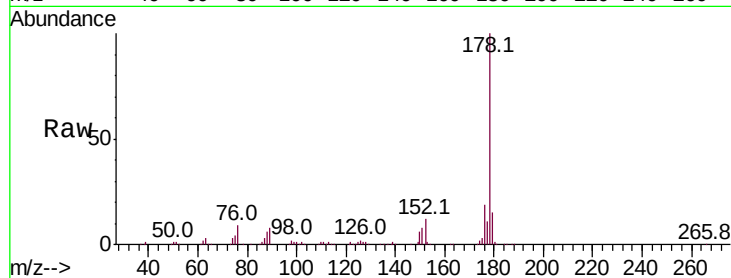




#71
Phenanthrene
Concen: 60.295 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

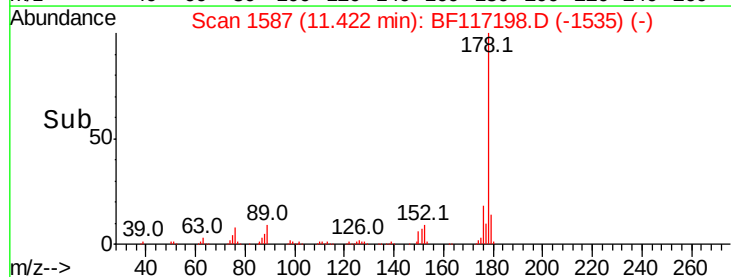
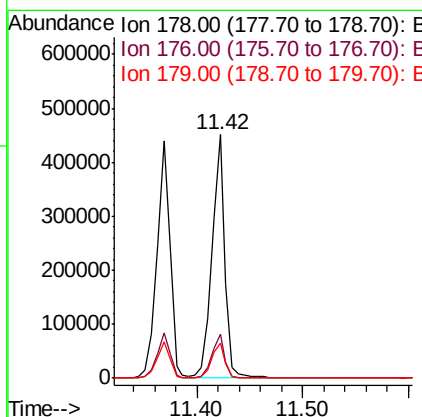
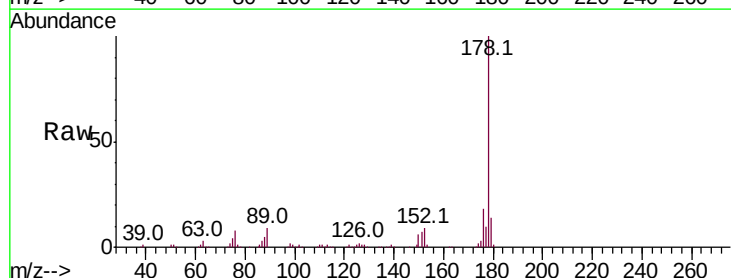
Instrument :
BNA_F
ClientSampleId :

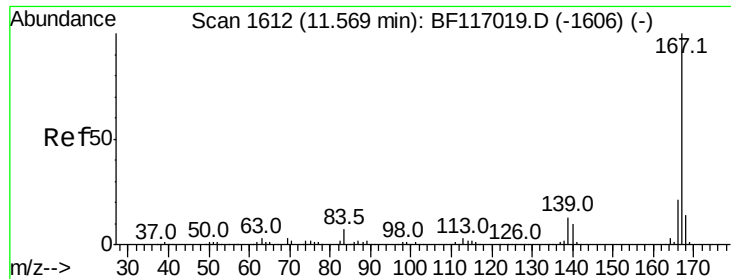
Tot Ion:178 Resp: 371119
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.2 12.4 18.6



#72
Anthracene
Concen: 62.243 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:178 Resp: 391124
Ion Ratio Lower Upper
178 100
176 17.9 14.6 21.8
179 14.5 11.6 17.4

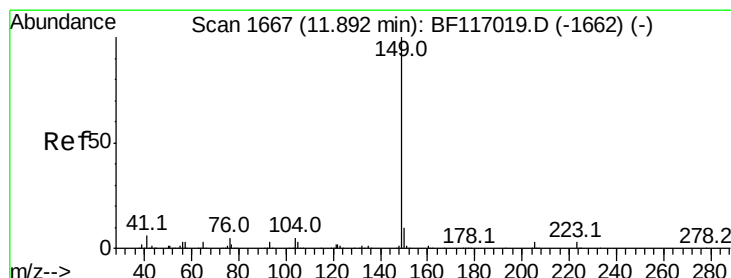
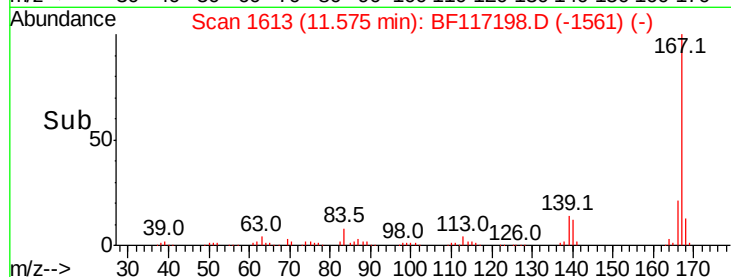
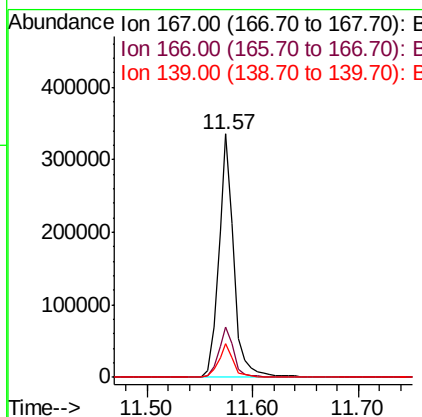
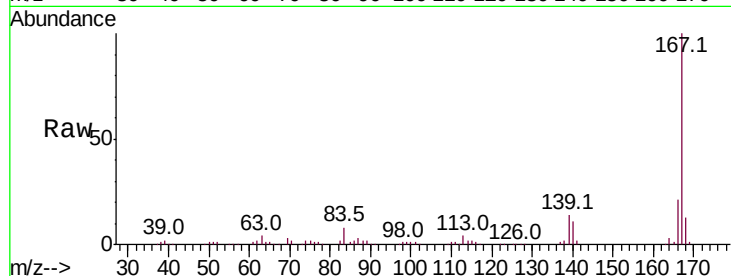




#73
 Carbazole
 Concen: 56.183 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

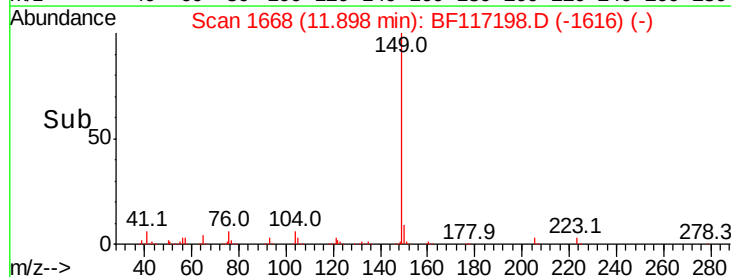
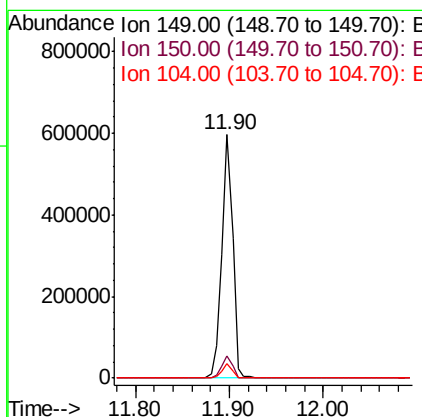
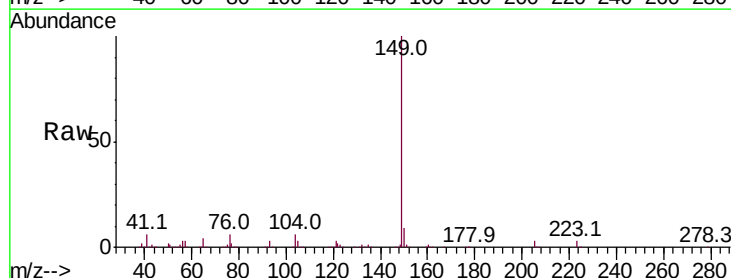
Instrument :
 BNA_F
 ClientSampleId :

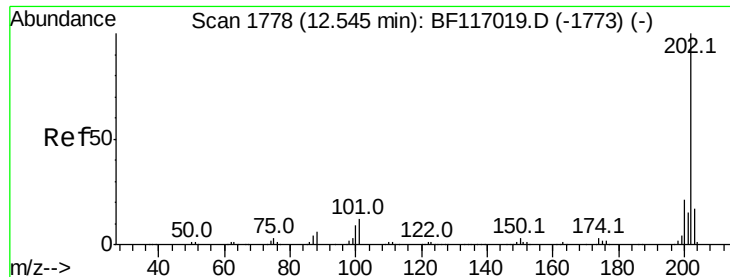
Tot Ion:167 Resp: 335113
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 68.484 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:149 Resp: 486001
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.8 4.2 6.4





#75

Fluoranthene

Concen: 58.506 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

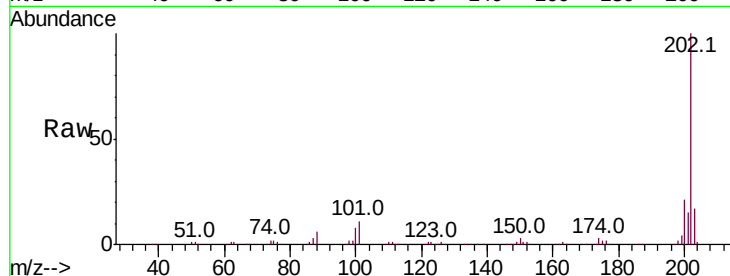
Tot Ion:202 Resp: 370010

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.3

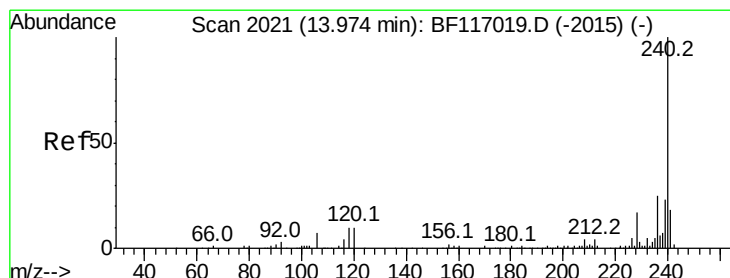
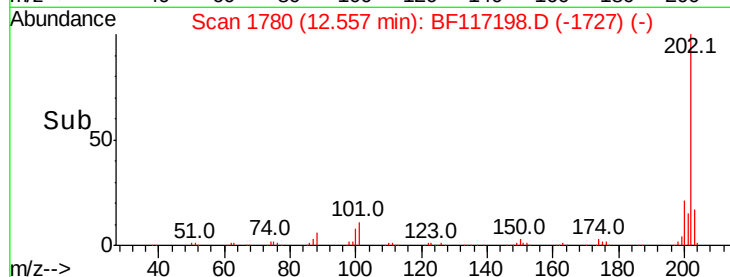
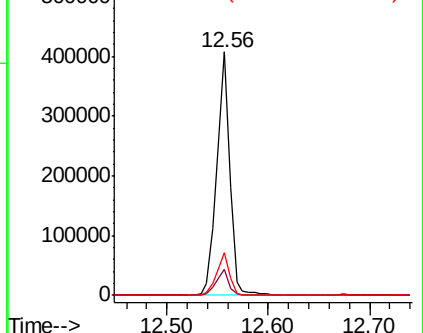
203 17.3 0.0 37.1



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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

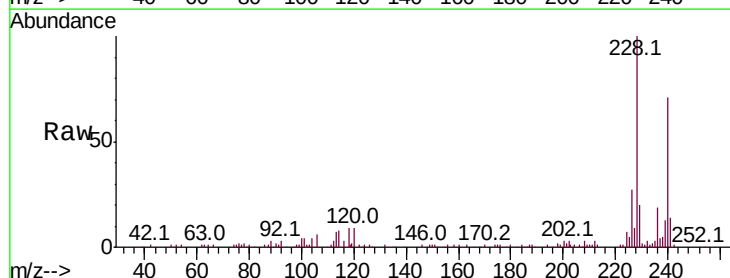
Tgt Ion:240 Resp: 70183

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

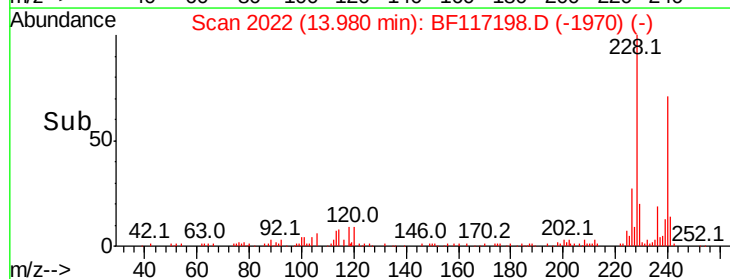
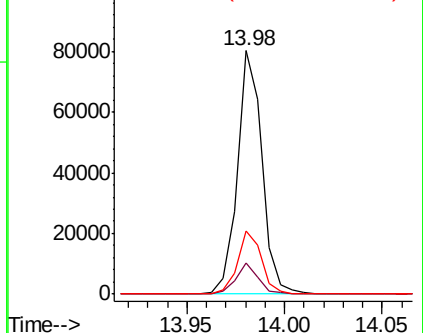
236 26.0 20.3 30.5

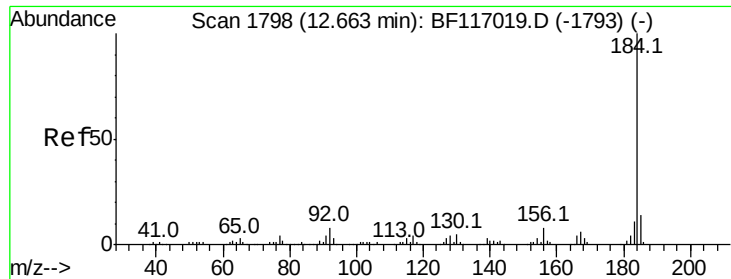


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

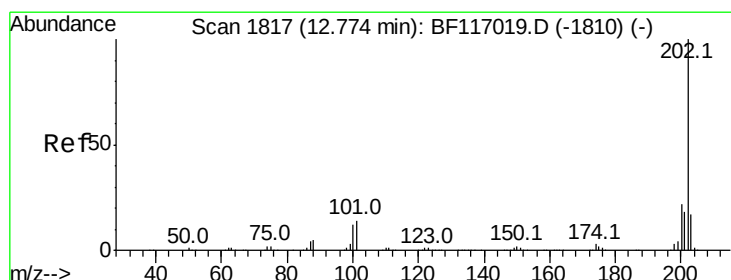
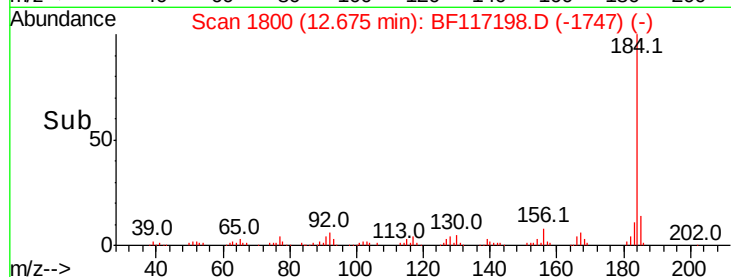
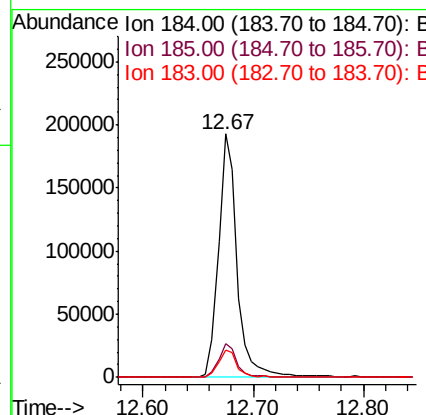
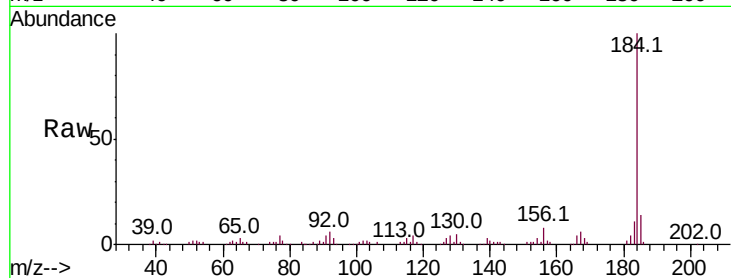




#77
Benzidine
Concen: 99.158 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

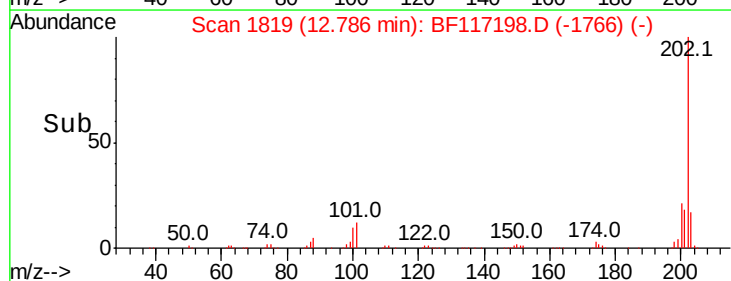
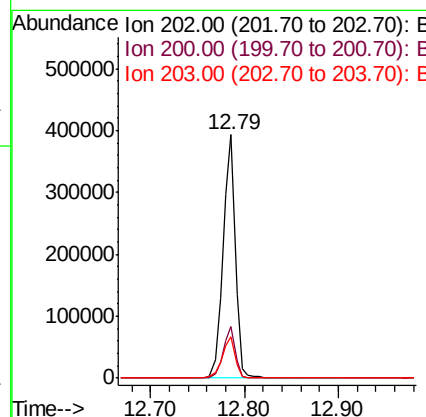
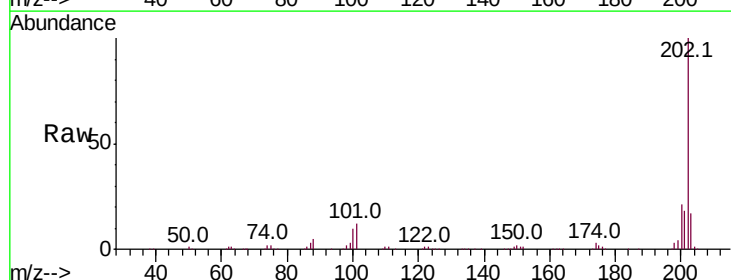
Instrument :
BNA_F
ClientSampled :

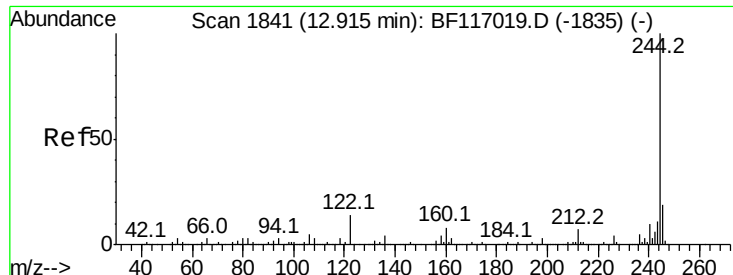
Tot Ion:184 Resp: 224173
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 11.4 9.0 13.4



#78
Pyrene
Concen: 61.243 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:202 Resp: 360650
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 0.113 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

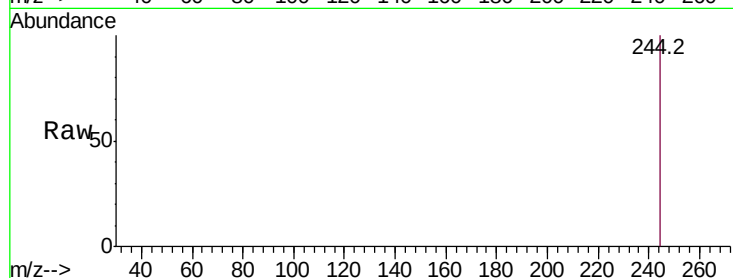
Tot Ion:244 Resp: 424

Ion Ratio Lower Upper

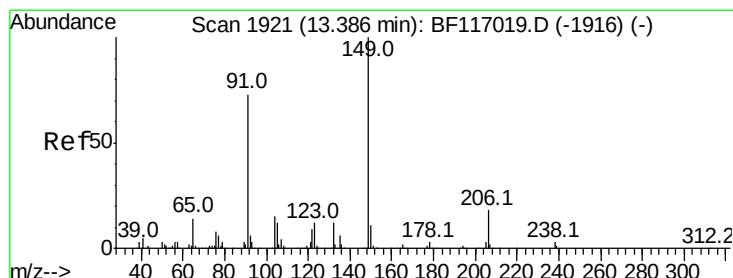
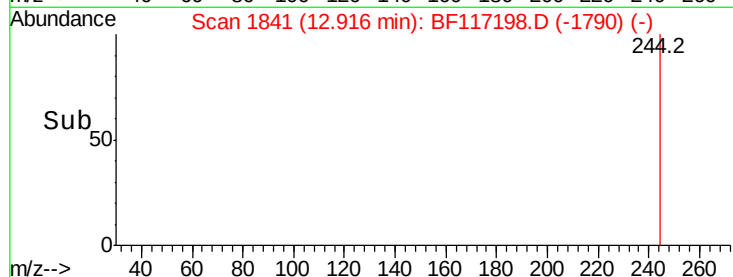
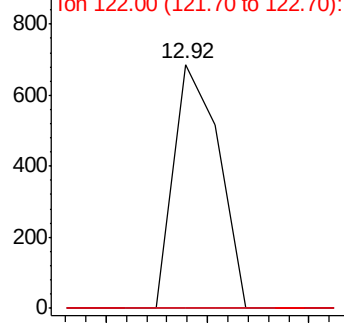
244 100

212 0.0 5.8 8.8#

122 0.0 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E



#80

Butylbenzylphthalate

Concen: 68.303 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

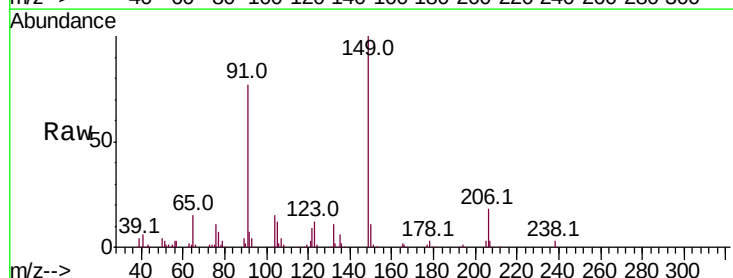
Tgt Ion:149 Resp: 190059

Ion Ratio Lower Upper

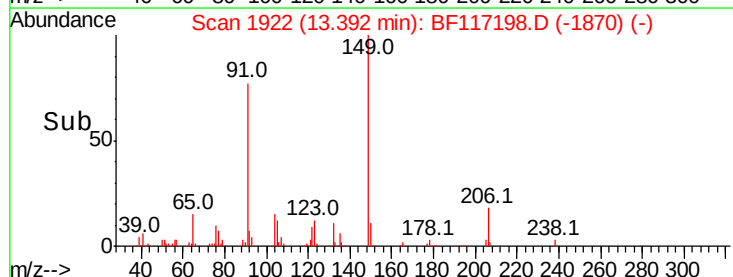
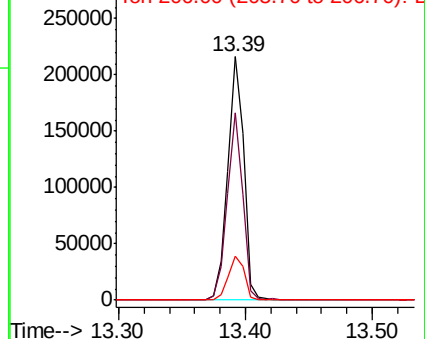
149 100

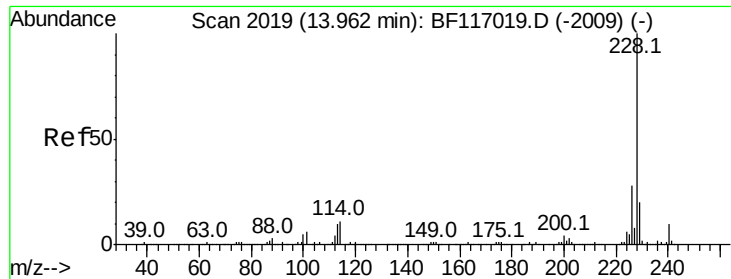
91 76.8 58.8 88.2

206 18.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

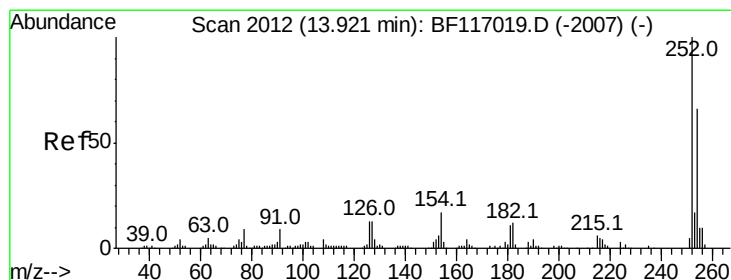
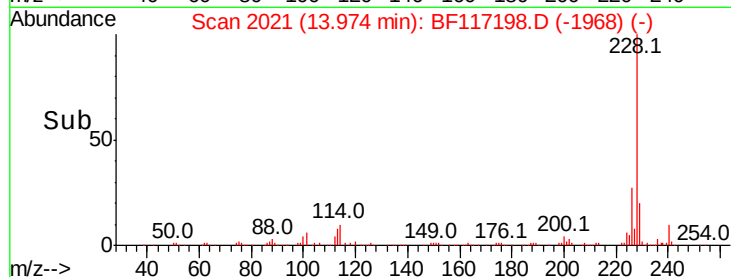
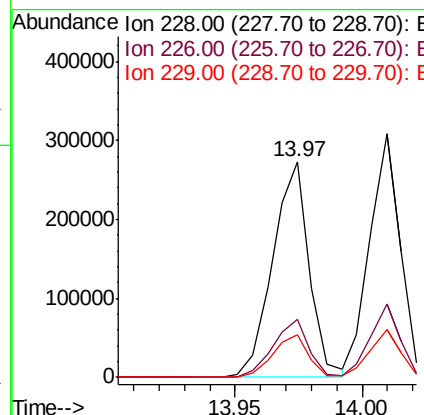
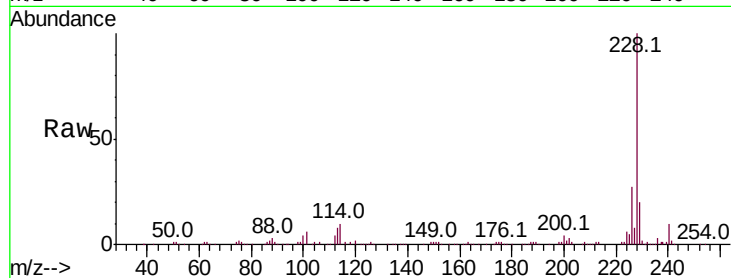




#81
Benzo(a)anthracene
Concen: 58.552 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

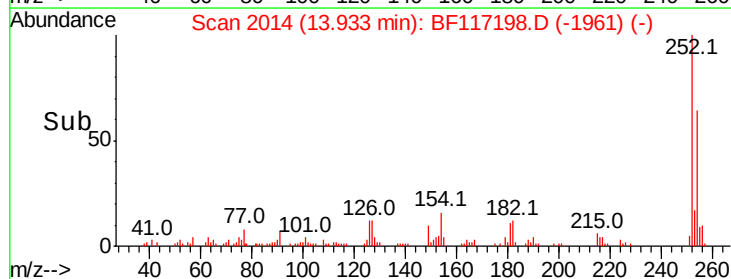
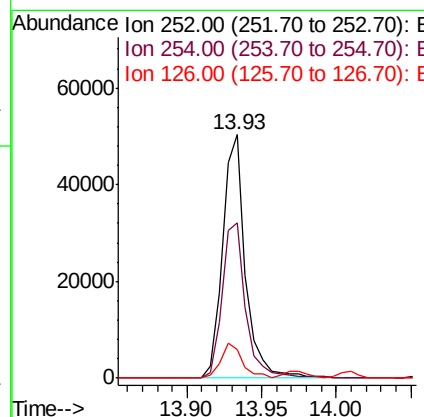
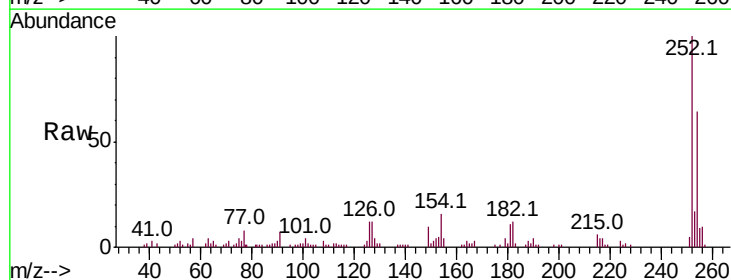
Instrument :
BNA_F
ClientSampleId :

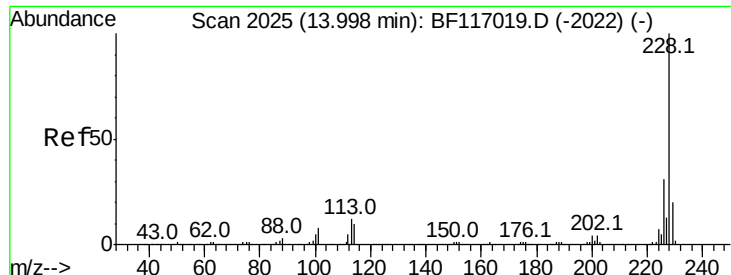
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.3	33.5
229	19.7	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 35.810 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	79.0
126	11.6	10.4	15.6





#83

Chrysene

Concen: 57.915 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

ClientSampleId :

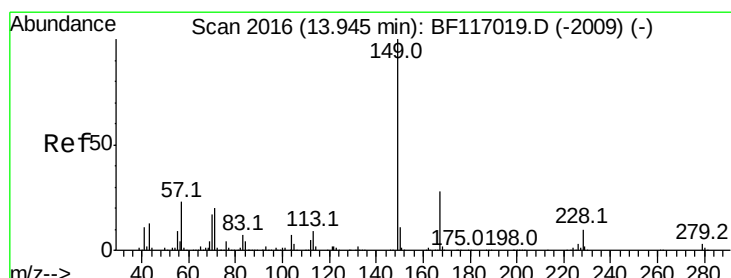
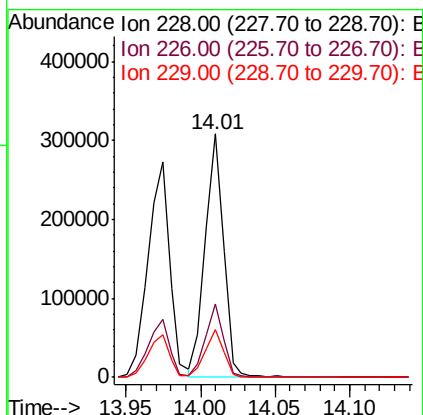
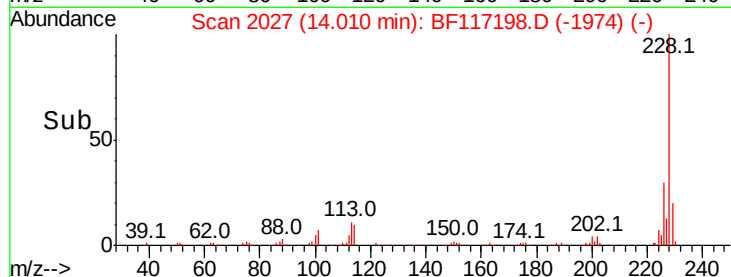
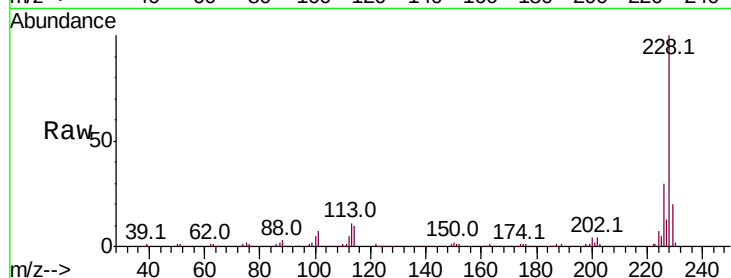
Tot Ion:228 Resp: 264862

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.088 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

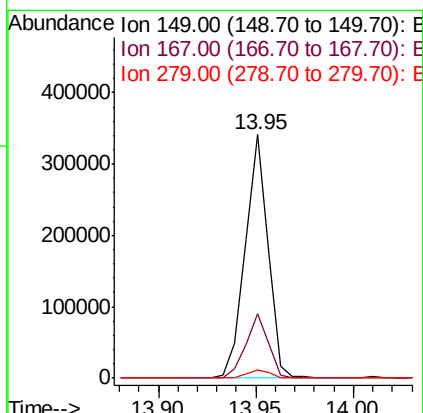
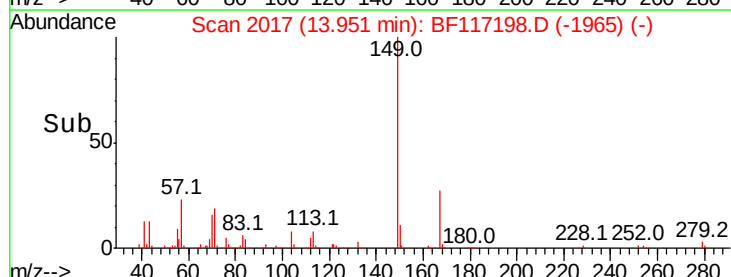
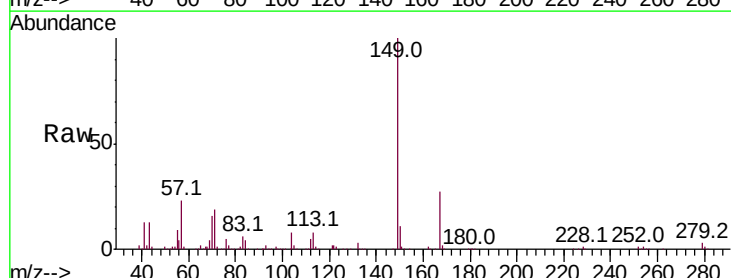
Tgt Ion:149 Resp: 276573

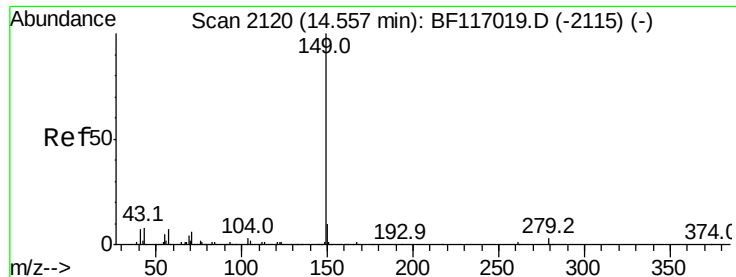
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

279 3.1 2.8 4.2

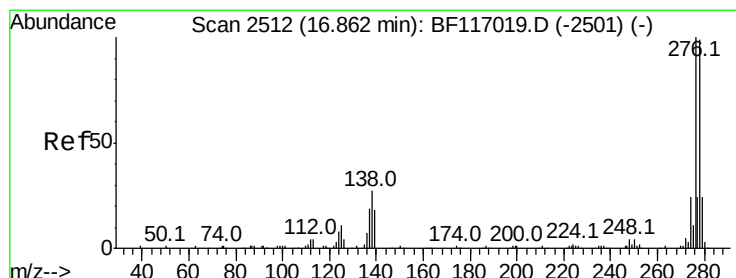
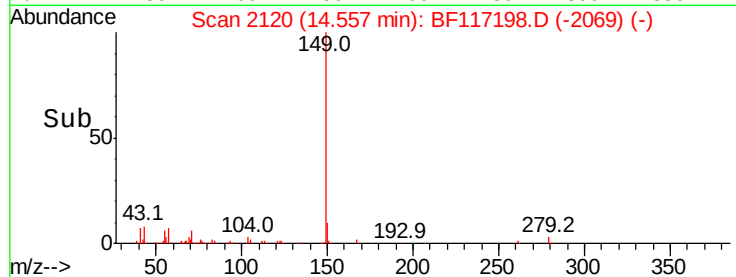
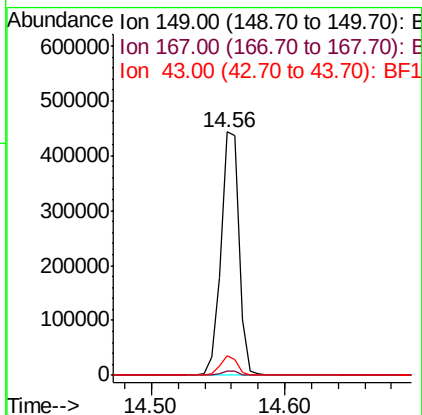
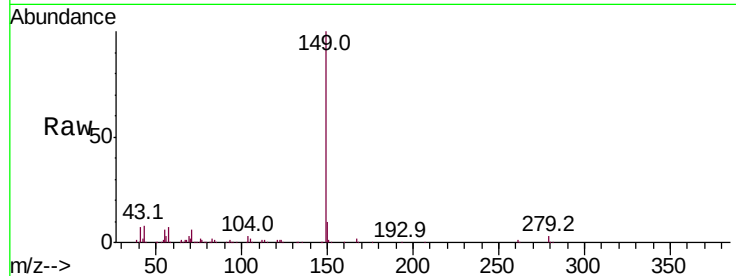




#85
Di-n-octyl phthalate
Concen: 75.791 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

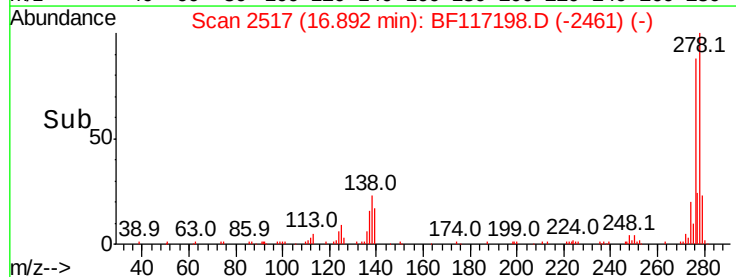
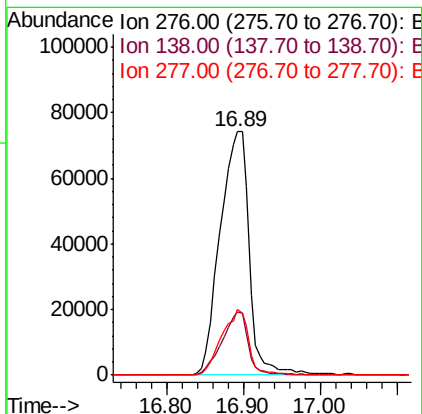
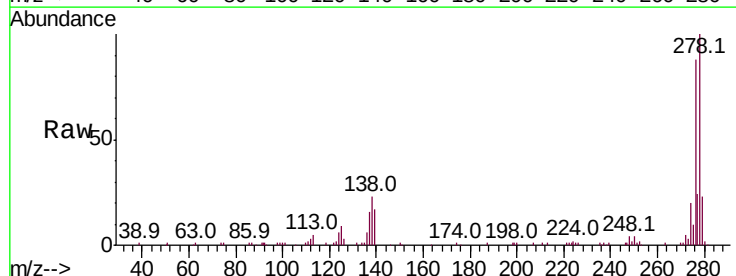
Instrument :
BNA_F
ClientSampled :

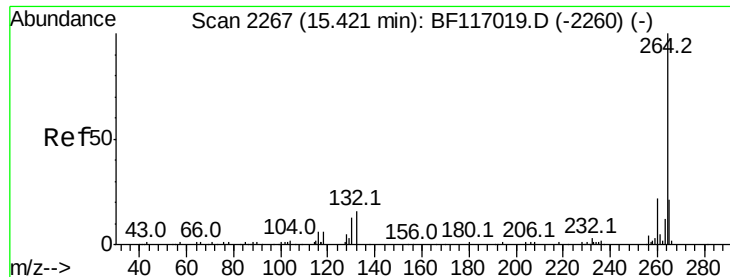
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.606 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.7	31.1
277	24.8	19.8	29.8

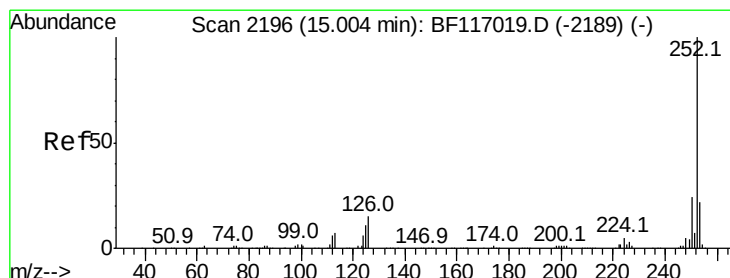
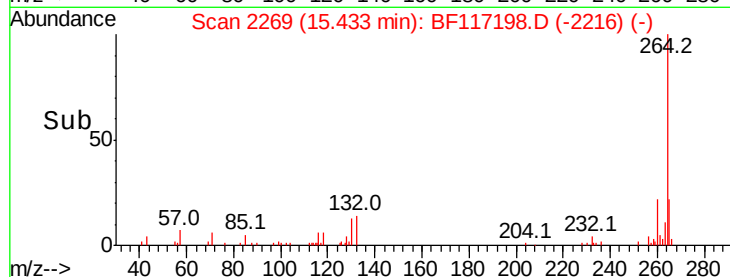
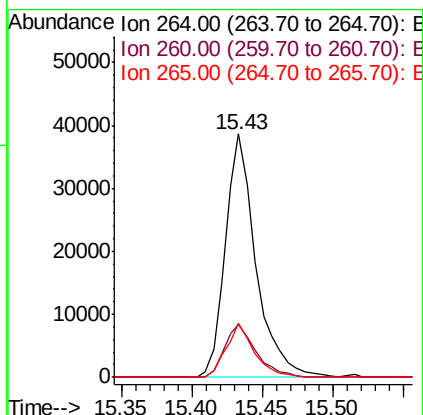
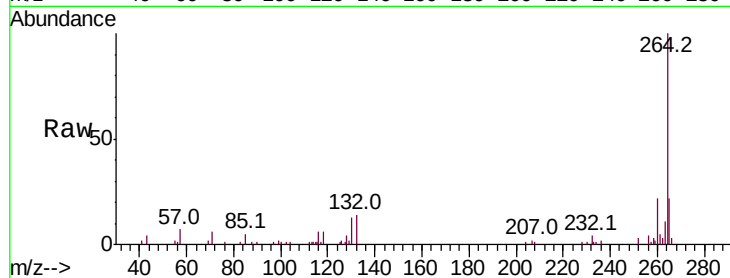




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

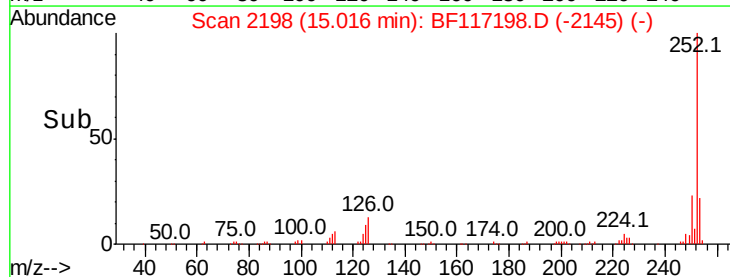
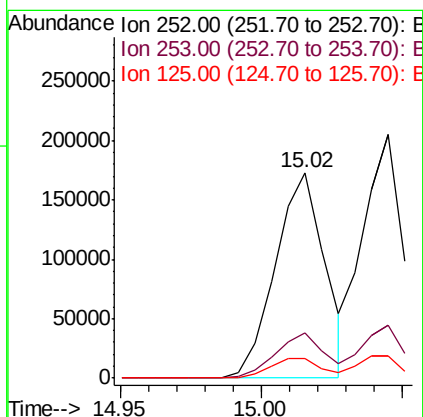
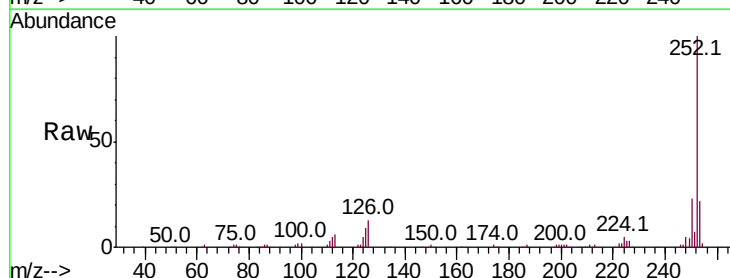
Instrument :
 BNA_F
 ClientSampled :

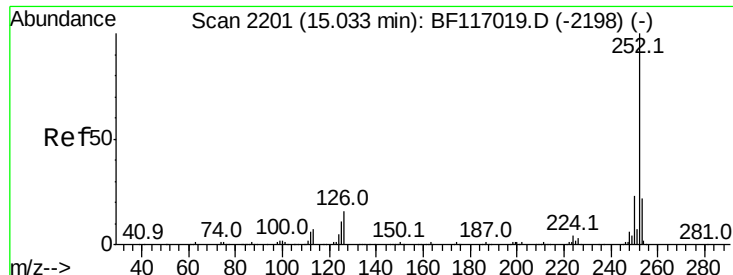
Tot Ion:264 Resp: 58322
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.6 26.4
 265 22.0 16.6 24.8



#88
 Benzo(b)fluoranthene
 Concen: 59.510 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:252 Resp: 210235
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 9.4 8.6 12.8

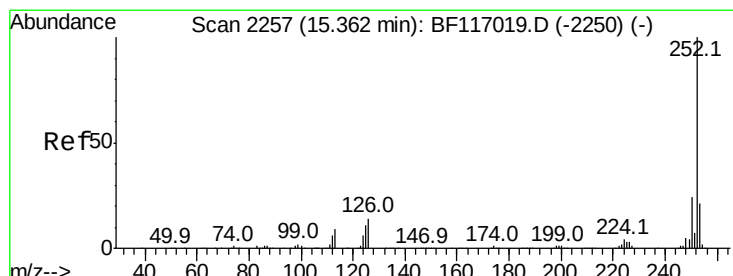
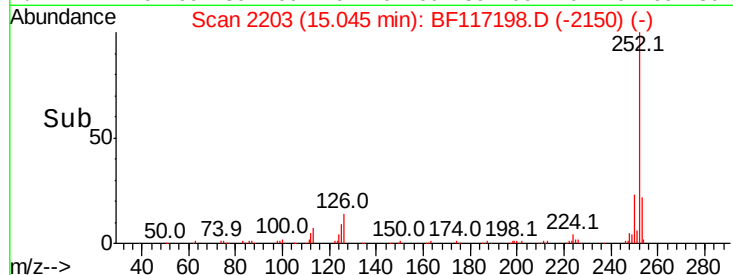
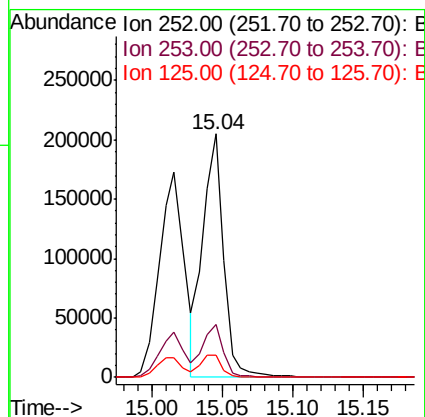
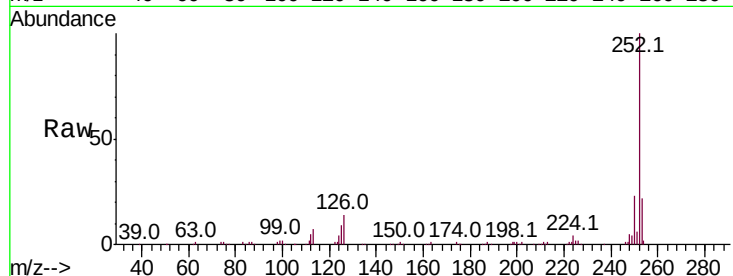




#89
Benzo(k)fluoranthene
Concen: 62.548 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

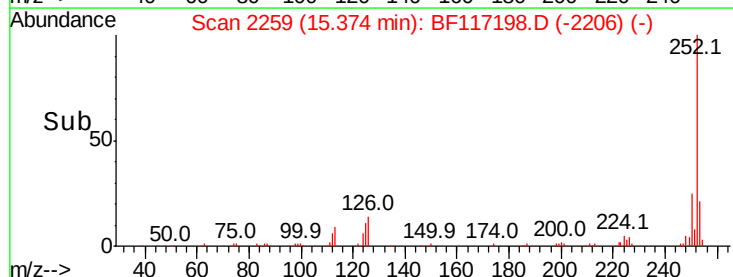
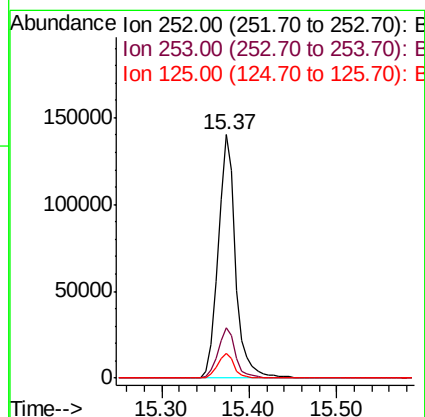
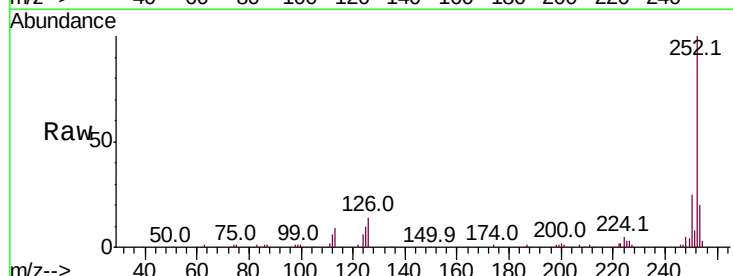
Instrument :
BNA_F
ClientSampleId :

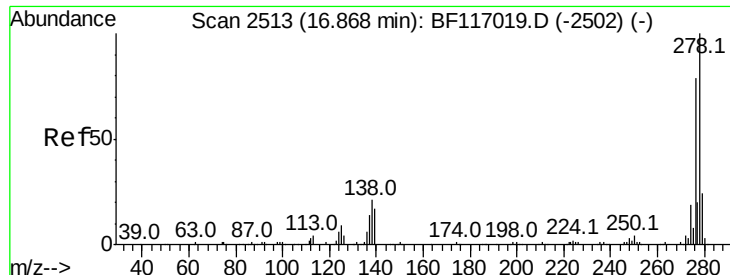
Tot Ion:252 Resp: 209319
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 62.381 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:252 Resp: 193386
Ion Ratio Lower Upper
252 100
253 20.5 16.6 25.0
125 10.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 67.376 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

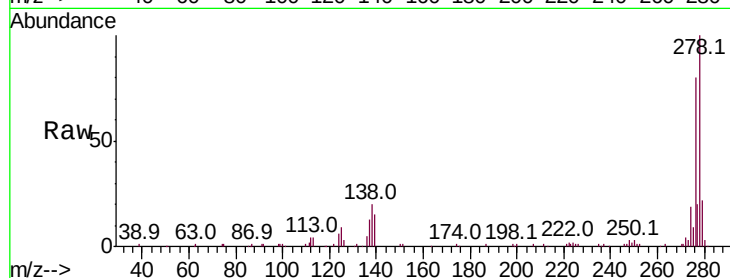
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 166392

Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.5	20.3
279	22.5	18.8	28.2

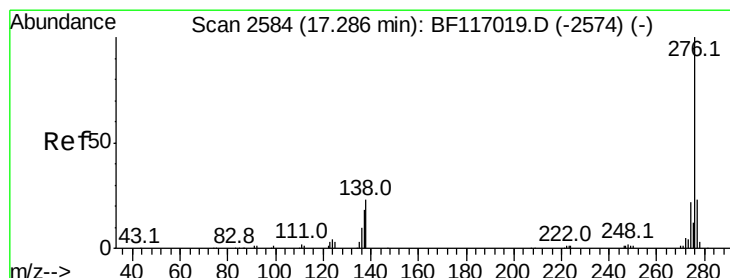
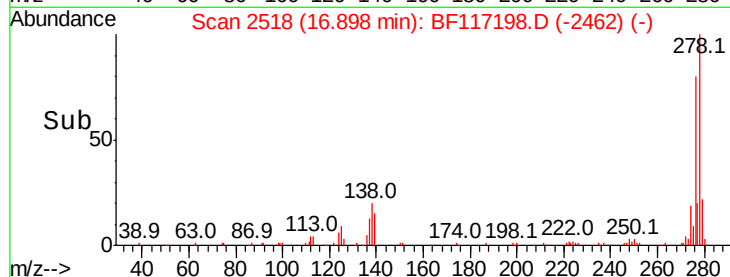
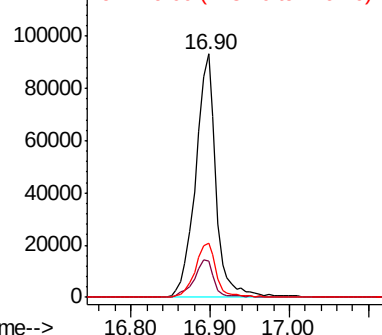


Abundance

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: 60.595 ng

RT: 17.32 min Scan# 2590

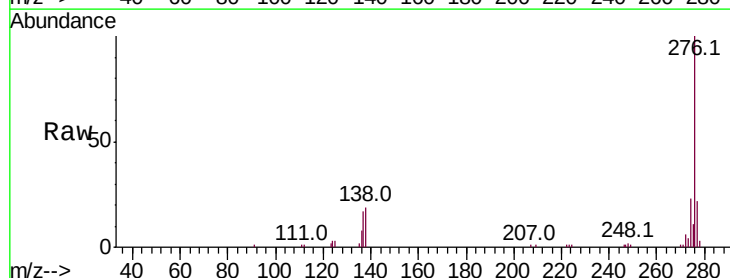
Delta R.T. 0.04 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:276 Resp: 149121

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	18.8	18.0	27.0



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

