

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118407.D
 Acq On : 31 Dec 2019 16:05
 Operator : JU
 Sample : K6465-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 01 00:33:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96511	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	382752	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	203972	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	393430	20.00	ng	0.00
76) Chrysene-d12	14.06	240	237430	20.00	ng	0.00
87) Perylene-d12	15.55	264	224058	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	552498	97.72	ng	0.02
7) Phenol-d6	6.50	99	707833	100.92	ng	0.01
23) Nitrobenzene-d5	7.42	82	454514	67.92	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	259921	103.19	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	845022	63.24	ng	0.00
79) Terphenyl-d14	12.99	244	960844	67.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	74165	32.997	ng	95
3) Pyridine	3.42	79	203653	34.009	ng	97
4) n-Nitrosodimethylamine	3.38	42	118642	47.920	ng	# 79
6) Aniline	6.52	93	265466	29.807	ng	# 67
8) 2-Chlorophenol	6.65	128	304819	47.603	ng	98
9) Benzaldehyde	6.40	77	169653	41.257	ng	94
10) Phenol	6.51	94	344618	43.715	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	254957	45.223	ng	99
12) 1,3-Dichlorobenzene	6.79	146	335228	45.456	ng	98
13) 1,4-Dichlorobenzene	6.87	146	345114	46.072	ng	98
14) 1,2-Dichlorobenzene	7.02	146	312343	44.166	ng	99
15) Benzyl Alcohol	7.00	79	252166	47.220	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	257431	42.791	ng	73
17) 2-Methylphenol	7.12	107	233181	45.402	ng	# 93
18) Hexachloroethane	7.36	117	125215	45.546	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	202996	46.982	ng	95
20) 3+4-Methylphenols	7.27	107	311044	47.320	ng	94
22) Acetophenone	7.27	105	416862	44.438	ng	# 94
24) Nitrobenzene	7.44	77	311851	46.520	ng	98
25) Isophorone	7.68	82	535991	45.957	ng	99
26) 2-Nitrophenol	7.76	139	166493	46.890	ng	92
27) 2,4-Dimethylphenol	7.80	122	260415	53.754	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	323044	42.353	ng	99
29) 2,4-Dichlorophenol	8.00	162	253394	45.443	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	282152	43.438	ng	100
31) Naphthalene	8.16	128	905638	46.553	ng	99
32) Benzoic acid	7.95	122	145901	37.123	ng	95
33) 4-Chloroaniline	8.22	127	143785	17.241	ng	96
34) Hexachlorobutadiene	8.27	225	166834	43.148	ng	100
35) Caprolactam	8.60	113	54640	31.387	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	265386	44.329	ng	96
37) 2-Methylnaphthalene	8.86	142	592321	44.471	ng	98
38) 1-Methylnaphthalene	8.96	142	552505	44.029	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	259445	42.334	ng	99

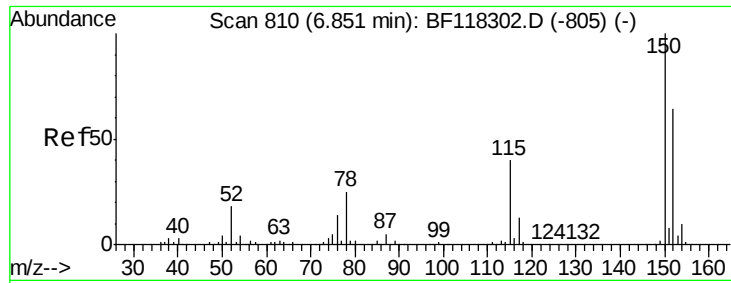
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
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Quant Time: Jan 01 00:33:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	157690	63.238	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	174824	42.700	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	186466	44.272	nq	98
46) 1,1'-Biphenyl	9.32	154	725169	44.949	nq	98
47) 2-Chloronaphthalene	9.35	162	561687	43.259	nq	98
48) 2-Nitroaniline	9.45	65	161889	44.141	nq	95
49) Acenaphthylene	9.77	152	889646	46.198	nq	99
50) Dimethylphthalate	9.62	163	721498	47.123	nq	99
51) 2,6-Dinitrotoluene	9.69	165	149550	45.306	nq	88
52) Acenaphthene	9.94	154	543399	46.327	nq	98
53) 3-Nitroaniline	9.87	138	91127	23.521	nq	96
54) 2,4-Dinitrophenol	9.99	184	121565	73.492	nq	96
55) Dibenzofuran	10.12	168	862209	49.747	nq	98
56) 4-Nitrophenol	10.05	139	195645	81.800	nq	94
57) 2,4-Dinitrotoluene	10.10	165	210768	47.785	nq	# 78
58) Fluorene	10.46	166	693230	49.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	163594	45.714	nq	98
60) Diethylphthalate	10.33	149	725811	47.917	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	334846	47.942	nq	99
62) 4-Nitroaniline	10.49	138	160597	39.902	nq	95
63) Azobenzene	10.61	77	637247	49.116	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	98362	46.344	nq	88
66) n-Nitrosodiphenylamine	10.57	169	578449	45.875	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	206350	44.817	nq	97
68) Hexachlorobenzene	11.01	284	234685	43.303	nq	98
69) Atrazine	11.10	200	205131	52.710	nq	98
70) Pentachlorophenol	11.21	266	190069	80.979	nq	98
71) Phenanthrene	11.43	178	1079829	50.347	nq	100
72) Anthracene	11.48	178	1039916	48.440	nq	99
73) Carbazole	11.63	167	855757	44.923	nq	99
74) Di-n-butylphthalate	11.96	149	1160616	48.051	nq	99
75) Fluoranthene	12.62	202	1085191	50.135	nq	98
77) Benzidine	12.74	184	436311	67.066	nq	98
78) Pyrene	12.85	202	1090926	56.266	nq	99
80) Butylbenzylphthalate	13.46	149	464986	53.263	nq	100
81) Benzo(a)anthracene	14.05	228	802619	48.294	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	190335	33.778	nq	99
83) Chrysene	14.09	228	754316	47.401	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	651379	56.744	nq	100
85) Di-n-octyl phthalate	14.63	149	1020245	60.421	nq	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	689104	50.822	nq	99
88) Benzo(b)fluoranthene	15.12	252	736579	49.525	nq	100
89) Benzo(k)fluoranthene	15.14	252	608006	42.575	nq	98
90) Benzo(a)pyrene	15.49	252	595288	45.435	nq	98
91) Dibenzo(a,h)anthracene	17.09	278	563603	49.571	nq	97
92) Benzo(g,h,i)perylene	17.53	276	548385	49.931	nq	99

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

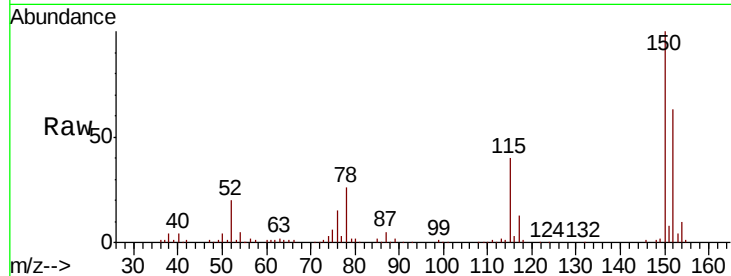


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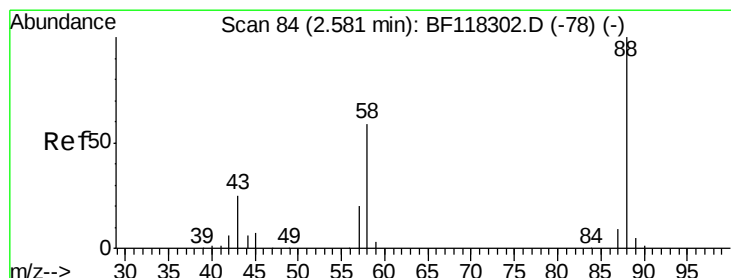
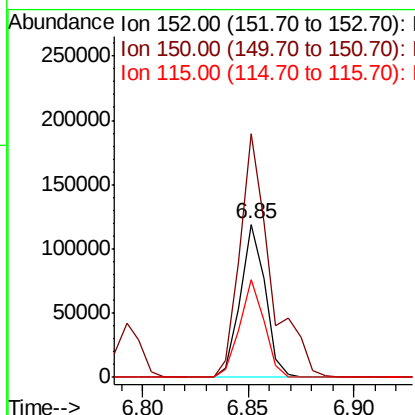
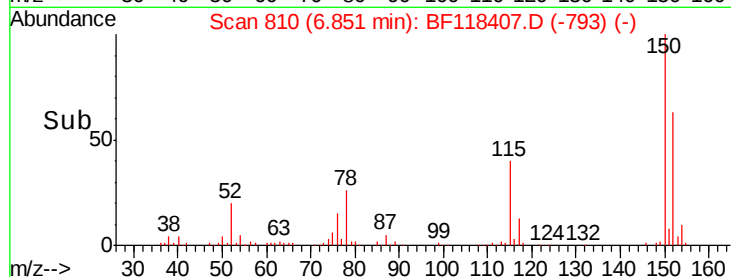
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96511
Ion Ratio Lower Upper
152 100
150 159.4 125.4 188.2
115 64.0 50.2 75.4



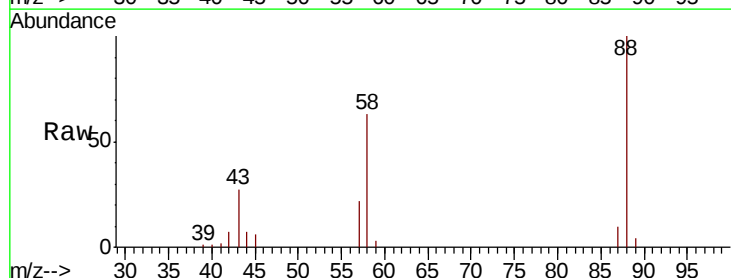
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



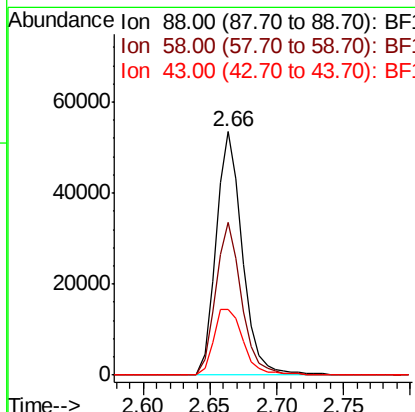
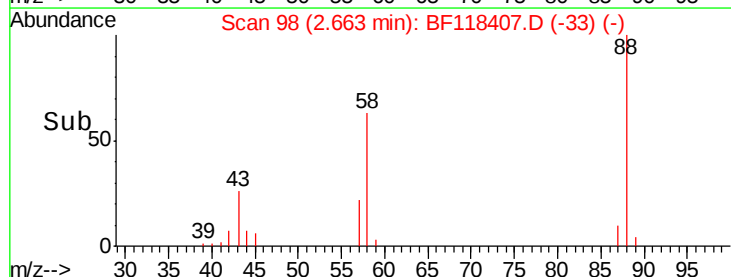
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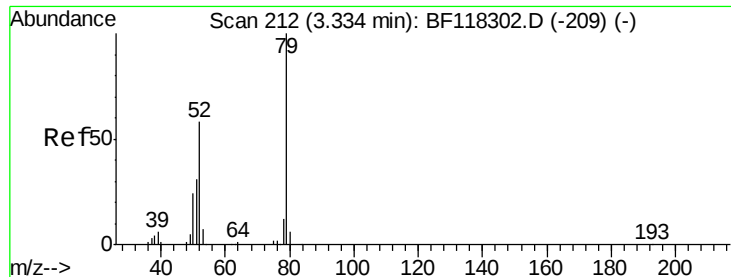
1,4-Dioxane
Concen: 32.997 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.08 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion: 88 Resp: 74165
Ion Ratio Lower Upper
88 100
58 61.7 47.6 71.4
43 30.7 20.6 30.8



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: 34.009 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

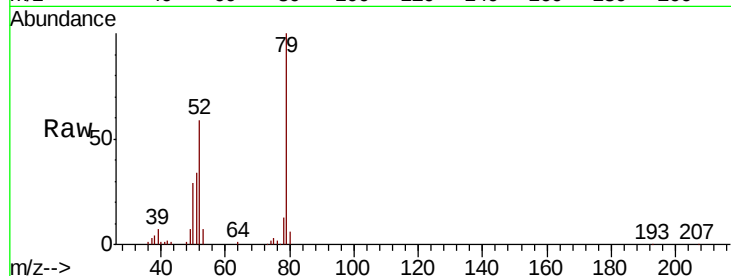
Tot Ion: 79 Resp: 203653

Ion Ratio Lower Upper

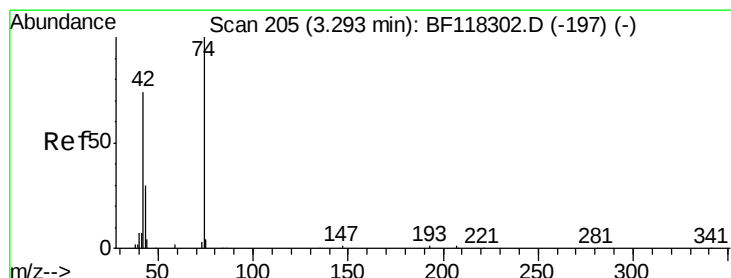
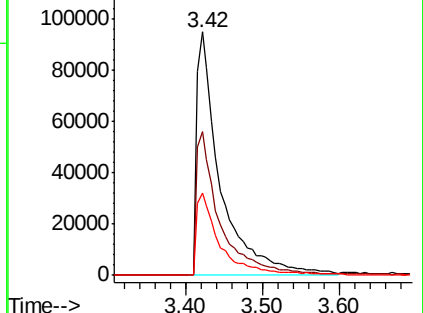
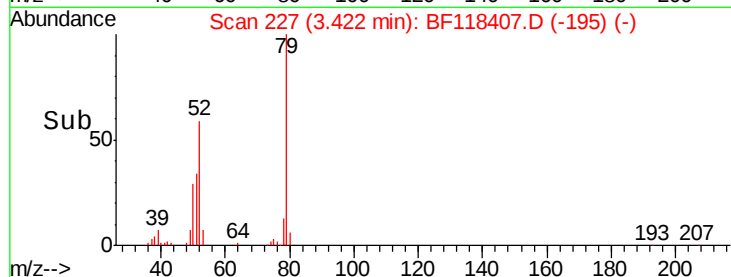
79 100

52 59.1 46.4 69.6

51 33.7 24.9 37.3



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: 47.920 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.09 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

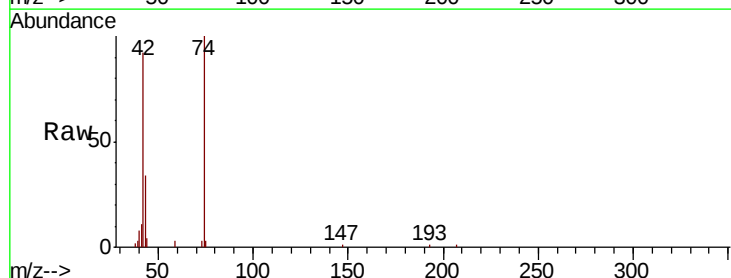
Tgt Ion: 42 Resp: 118642

Ion Ratio Lower Upper

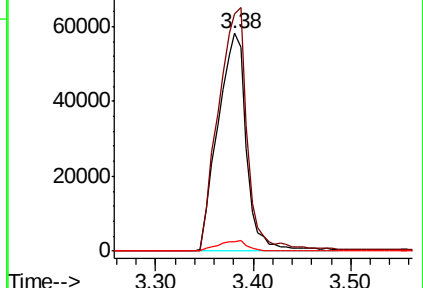
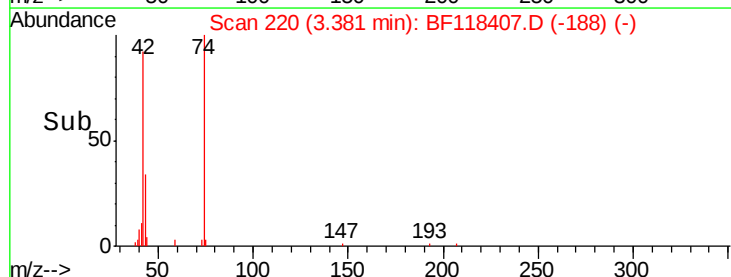
42 100

74 108.8 107.7 161.5

44 4.4 4.8 7.2#



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: 97.720 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampled :

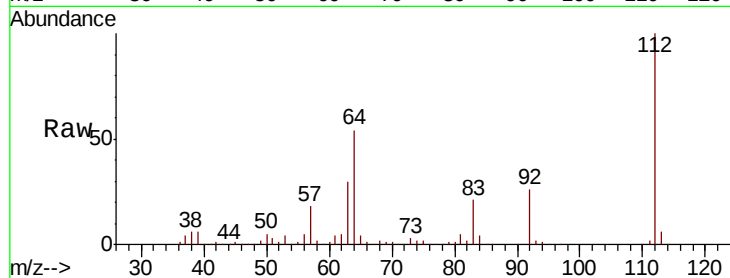
Tot Ion:112 Resp: 552498

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

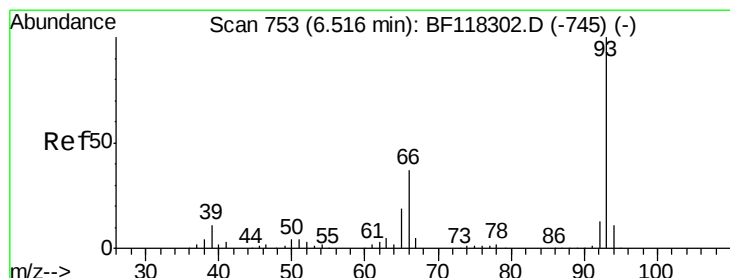
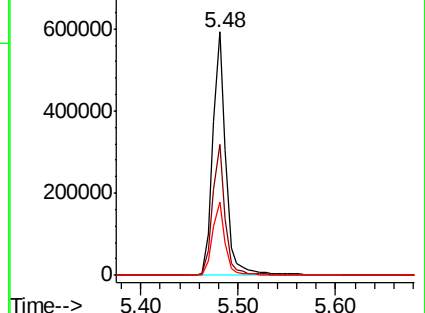
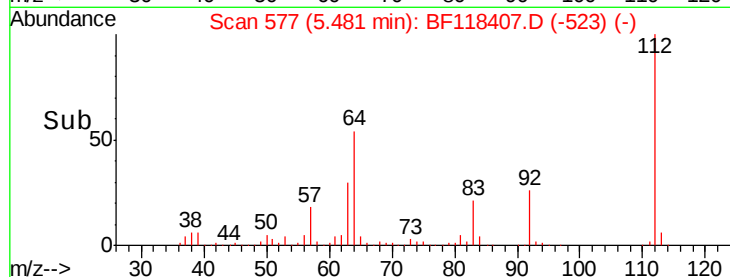
63 30.0 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.807 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

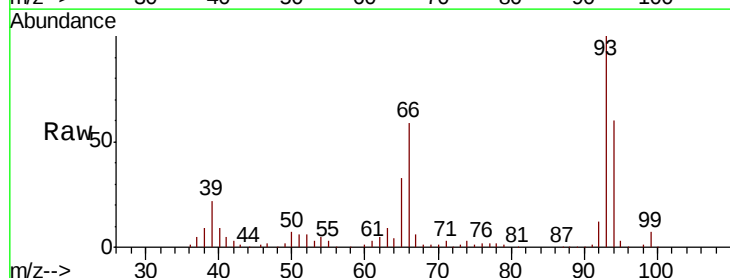
Tgt Ion: 93 Resp: 265466

Ion Ratio Lower Upper

93 100

66 58.8 30.2 45.4#

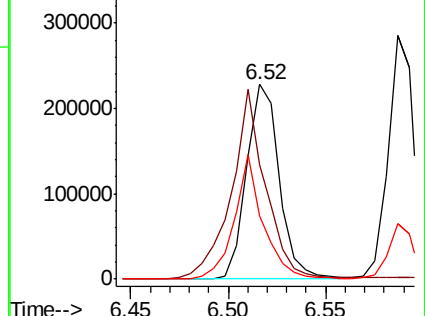
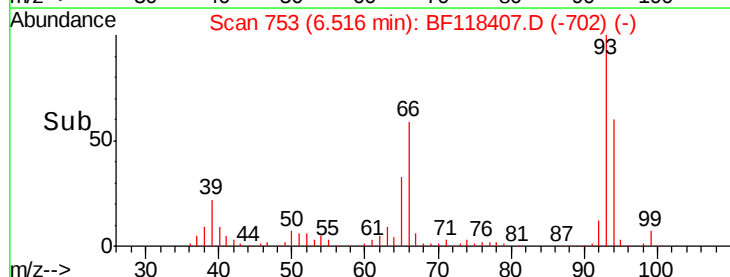
65 32.6 15.7 23.5#

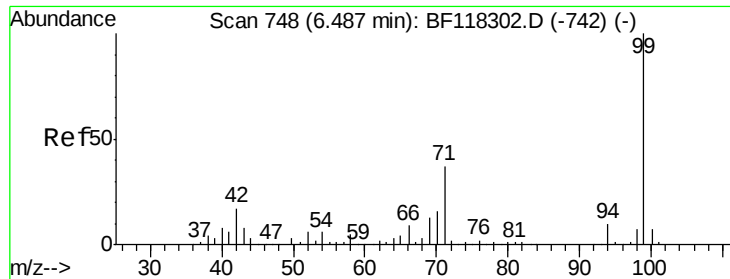


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.920 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

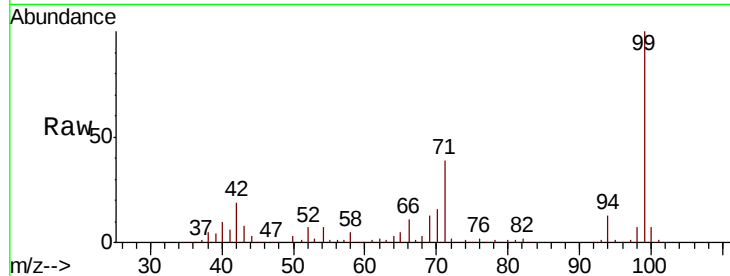
Tot Ion: 99 Resp: 707833

Ion Ratio Lower Upper

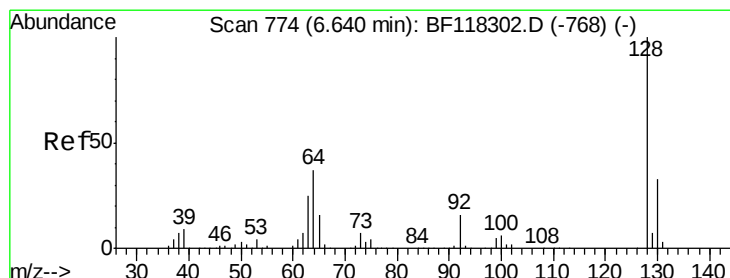
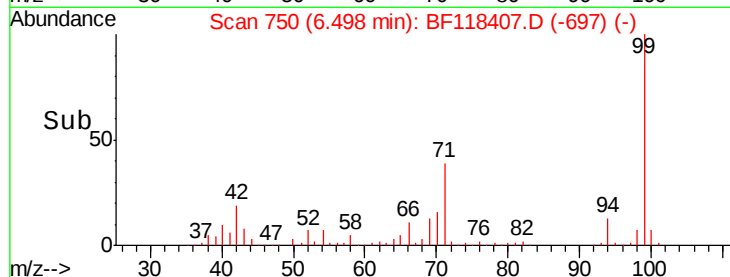
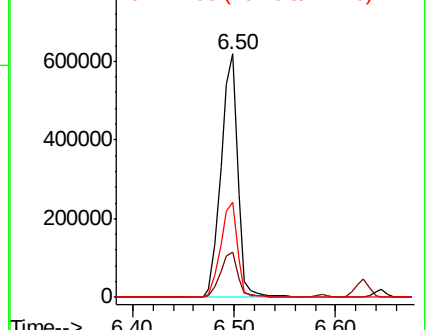
99 100

42 18.8 13.5 20.3

71 38.8 29.4 44.2



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: 47.603 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

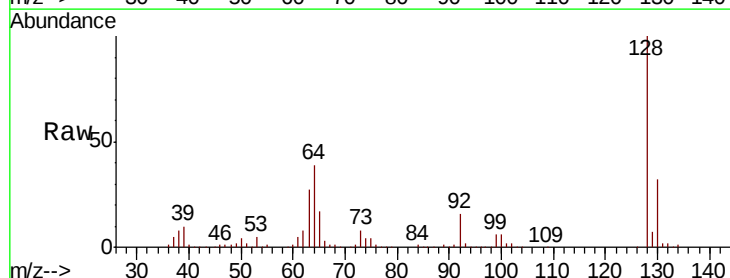
Tgt Ion: 128 Resp: 304819

Ion Ratio Lower Upper

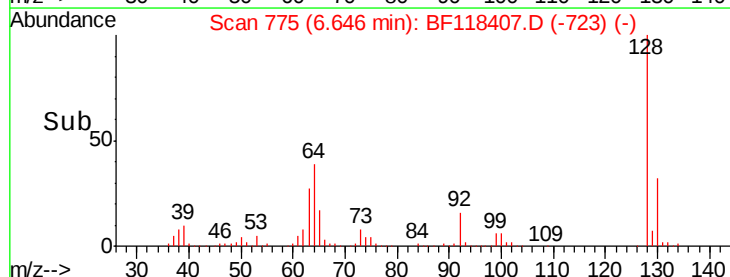
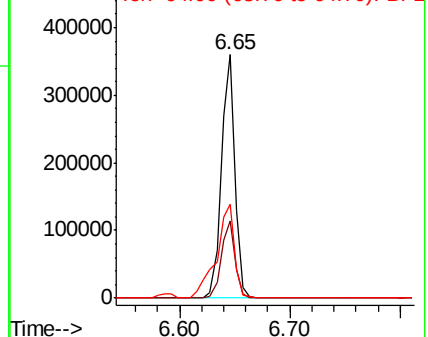
128 100

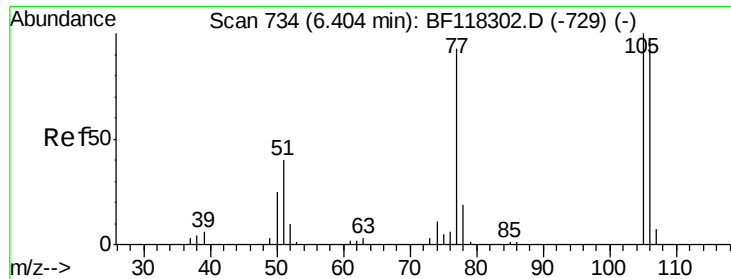
130 31.9 13.2 53.2

64 38.7 17.7 57.7



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

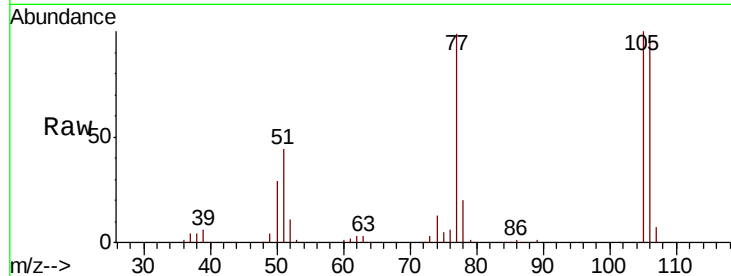




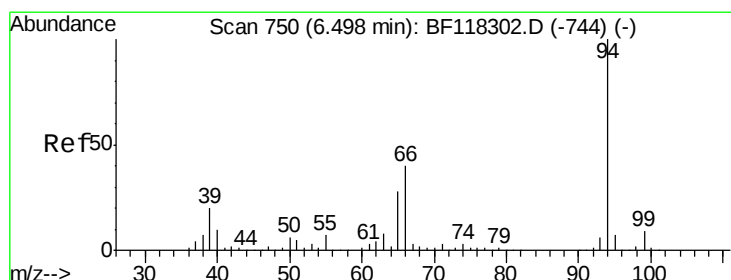
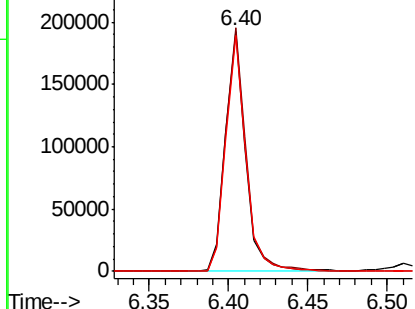
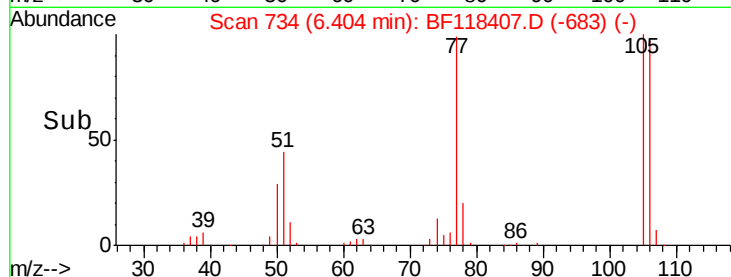
#9
Benzaldehyde
Concen: 41.257 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 169653
Ion Ratio Lower Upper
77 100
105 101.4 87.5 127.5
106 98.1 83.6 123.6

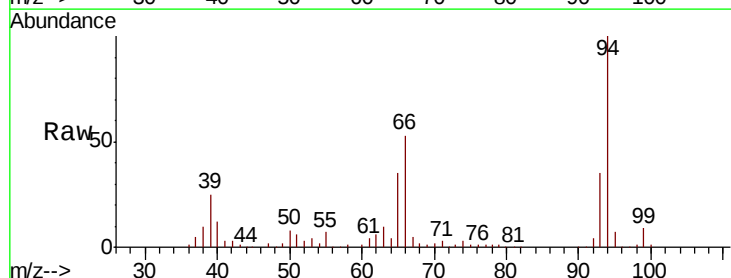


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

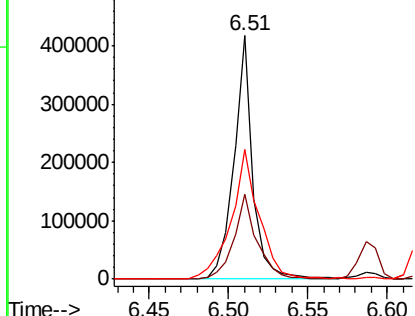
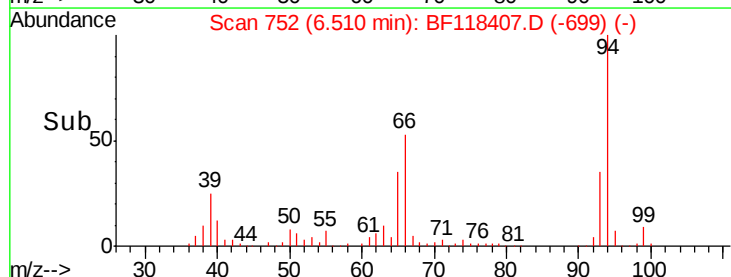


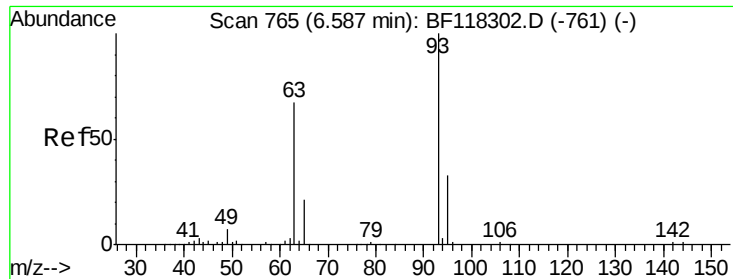
#10
Phenol
Concen: 43.715 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion: 94 Resp: 344618
Ion Ratio Lower Upper
94 100
65 35.0 7.8 47.8
66 53.3 20.4 60.4



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

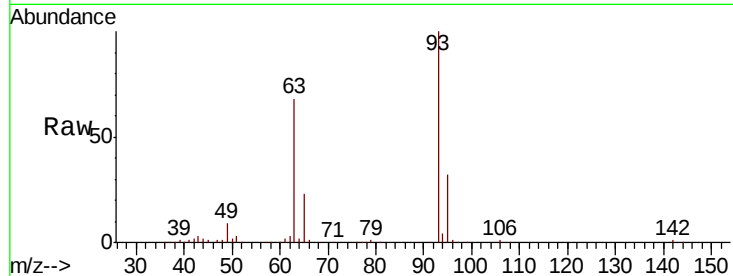




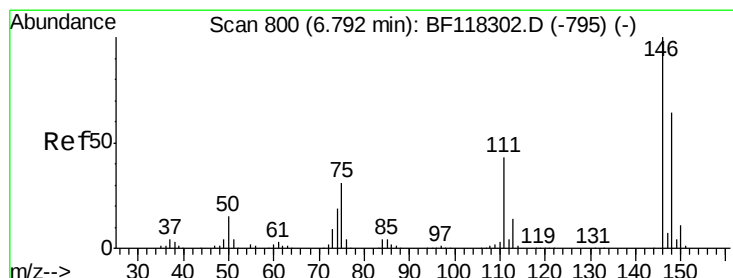
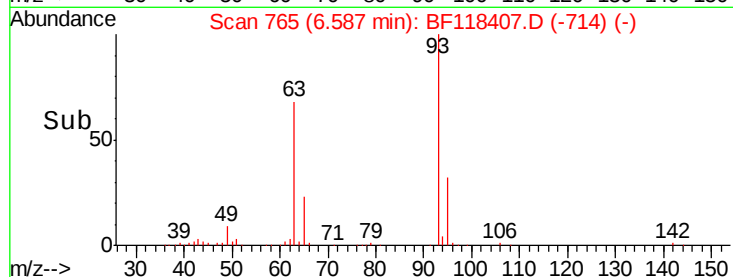
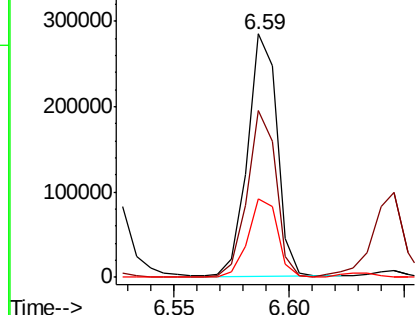
#11
bis(2-Chloroethyl)ether
Concen: 45.223 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 254957
Ion Ratio Lower Upper
93 100
63 68.4 47.0 87.0
95 32.5 12.8 52.8

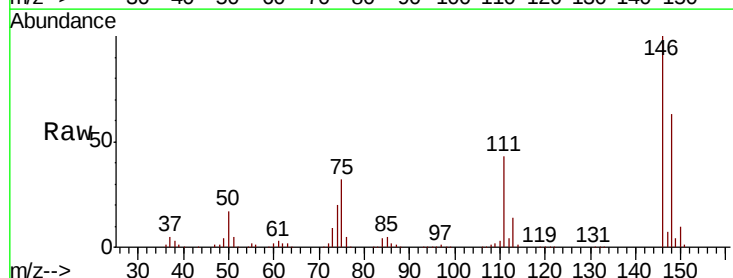


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

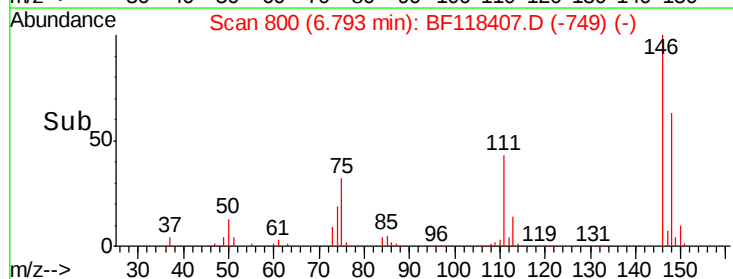
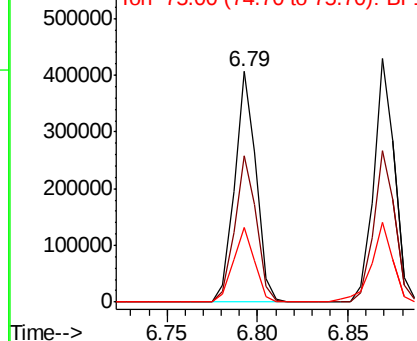


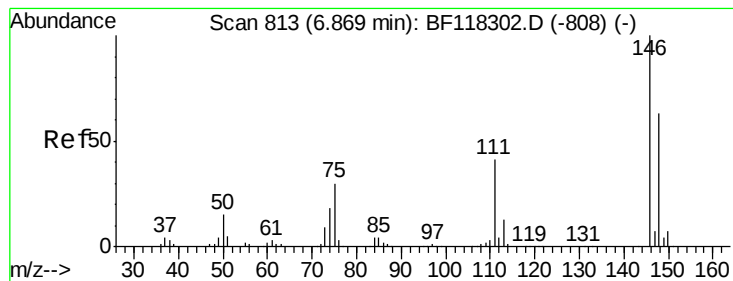
#12
1,3-Dichlorobenzene
Concen: 45.456 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion: 146 Resp: 335228
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 32.2 24.4 36.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 46.072 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

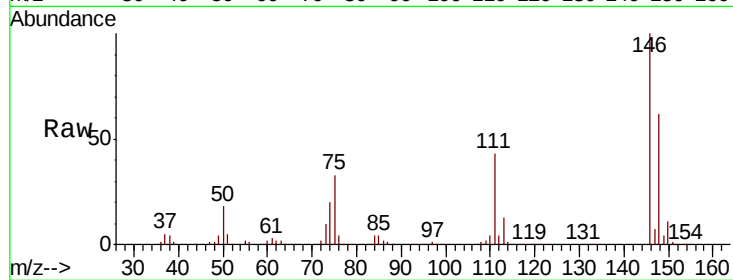
Tot Ion:146 Resp: 345114

Ion Ratio Lower Upper

146 100

148 62.3 50.3 75.5

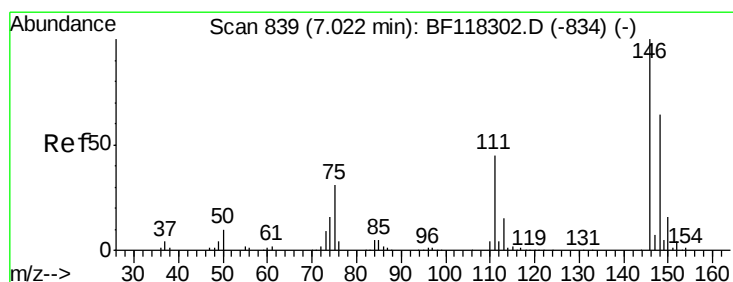
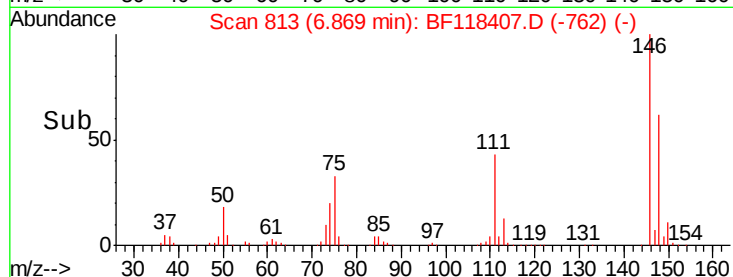
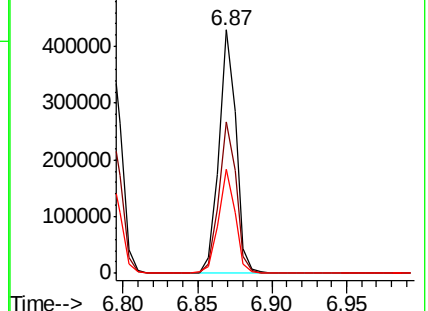
111 42.8 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.166 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

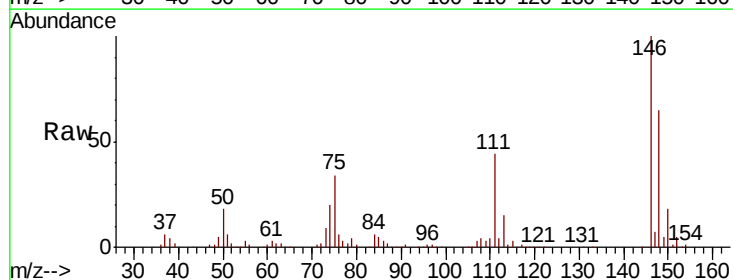
Tgt Ion:146 Resp: 312343

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

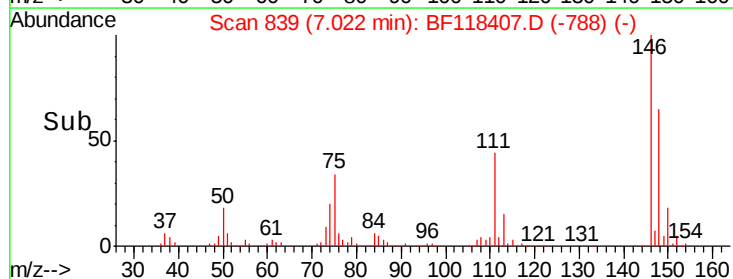
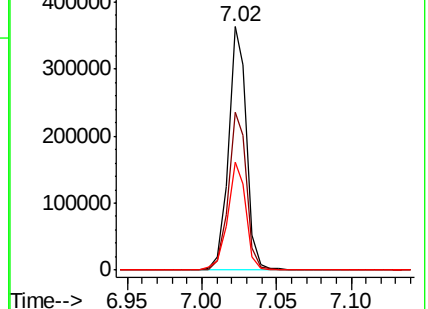
111 44.5 35.7 53.5

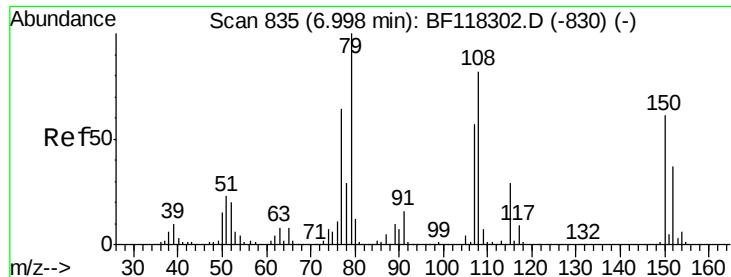


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

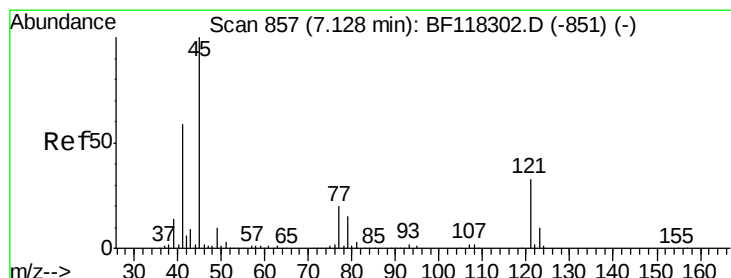
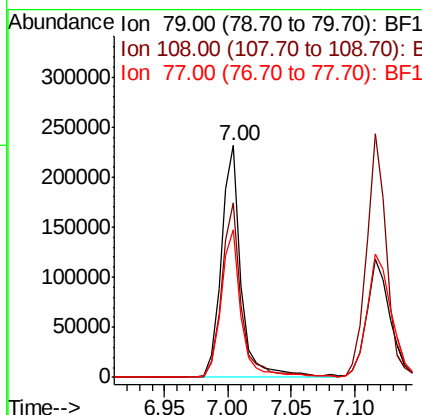
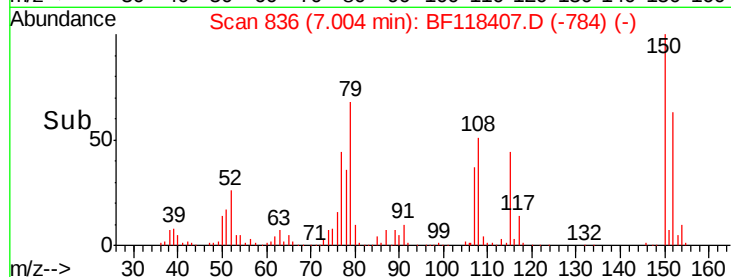
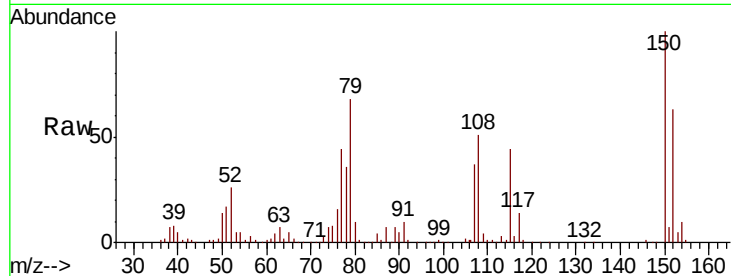




#15
Benzyl Alcohol
Concen: 47.220 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

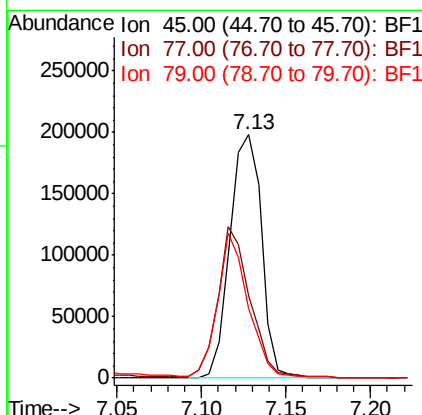
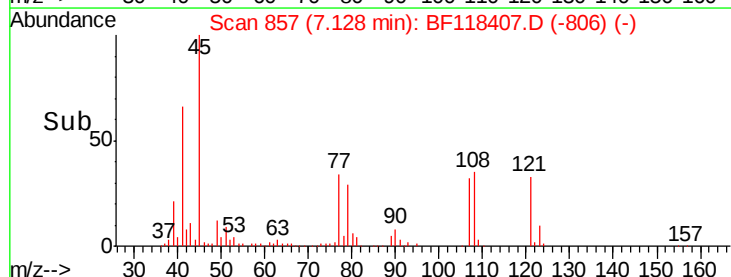
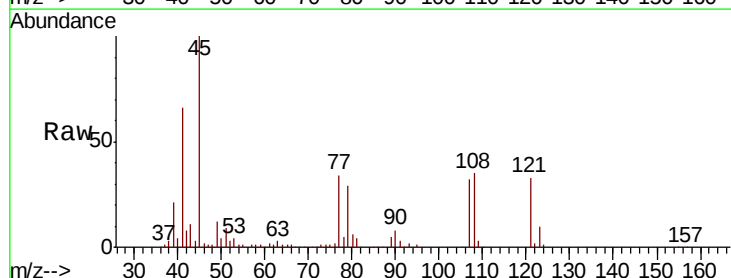
Instrument :
BNA_F
ClientSampled :

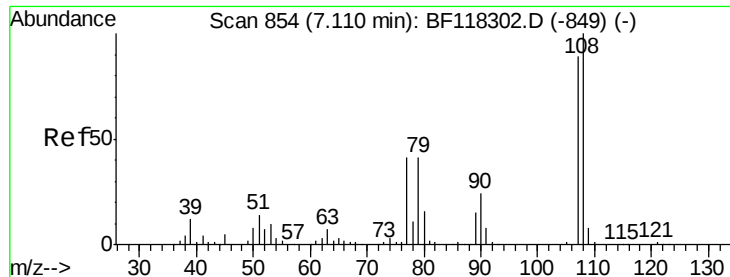
Tot Ion: 79 Resp: 252166
Ion Ratio Lower Upper
79 100
108 75.4 65.4 98.0
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.791 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion: 45 Resp: 257431
Ion Ratio Lower Upper
45 100
77 33.9 1.2 41.2
79 28.6 0.0 37.0

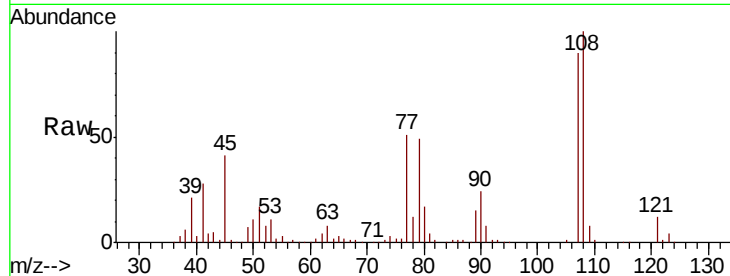




#17
2-Methylphenol
Concen: 45.402 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	56.5	37.2	55.8
79	54.1	36.7	55.1



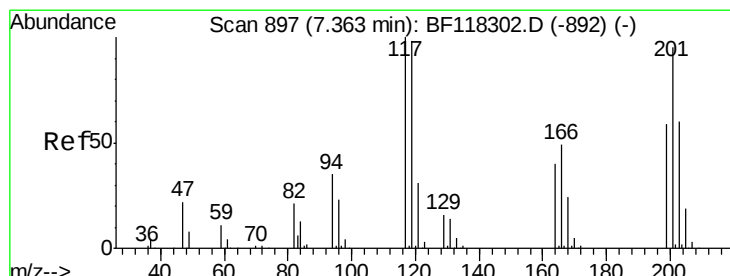
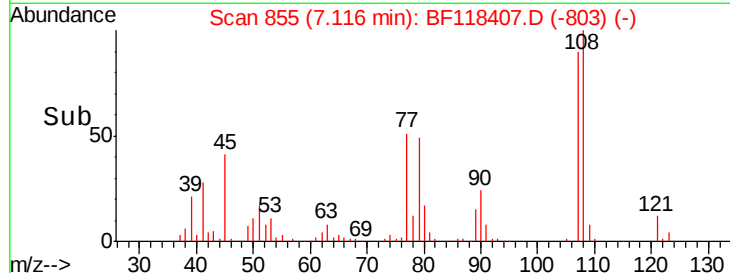
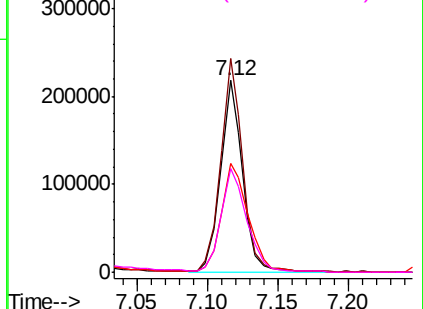
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

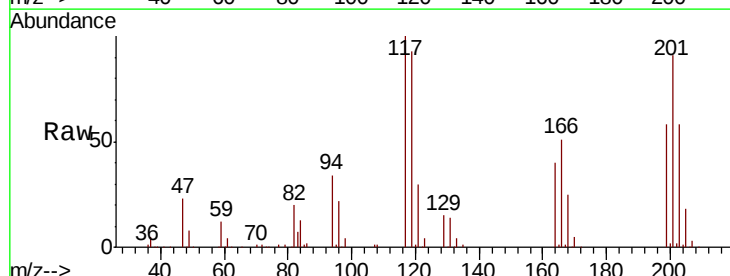
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.546 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	78.0	117.0
201	91.1	76.2	114.2

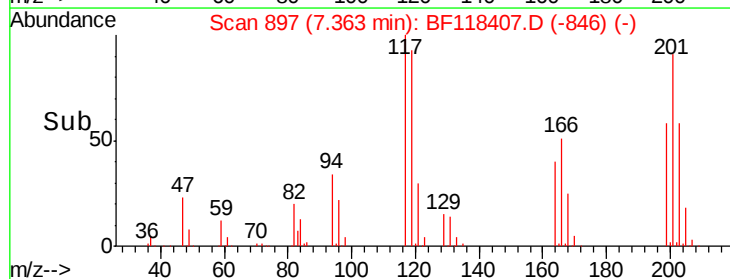
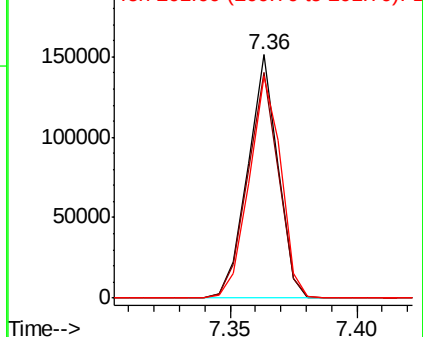


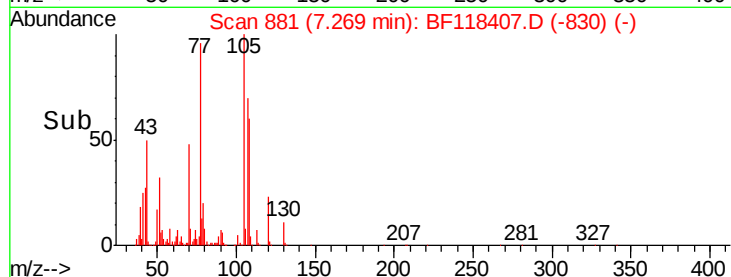
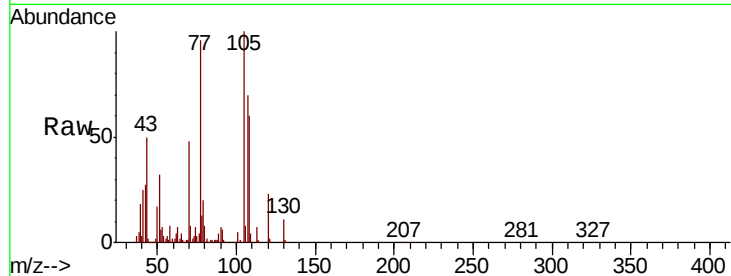
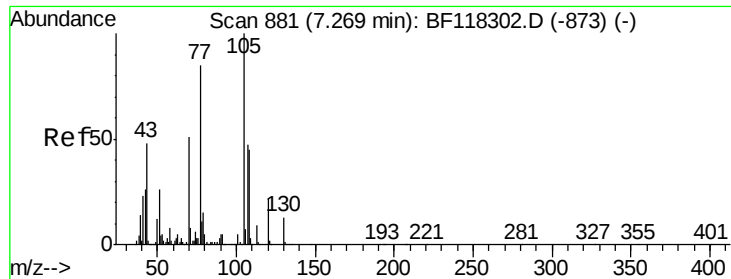
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

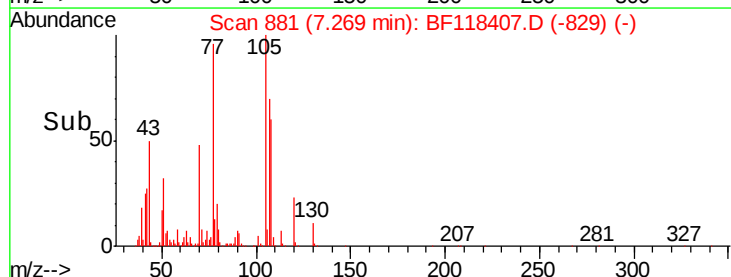
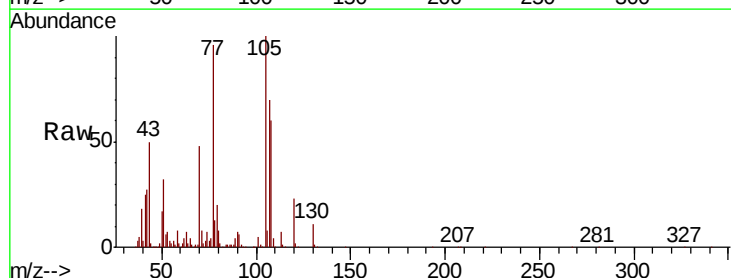
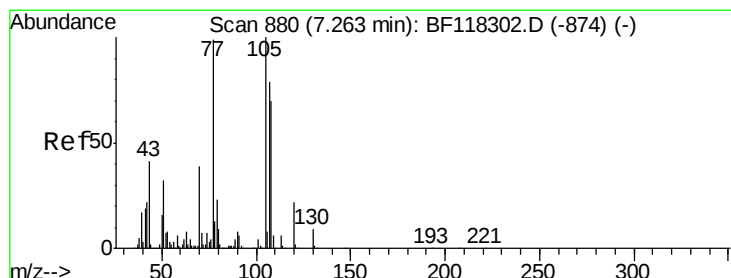
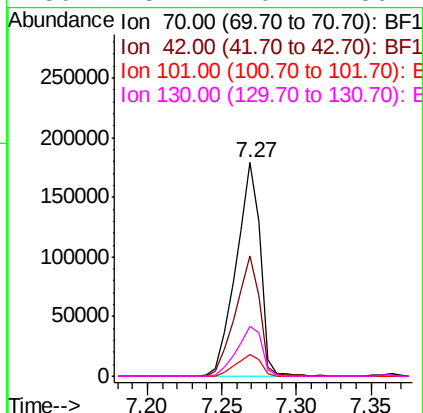




#19
n-Nitroso-di-n-propylamine
Concen: 46.982 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

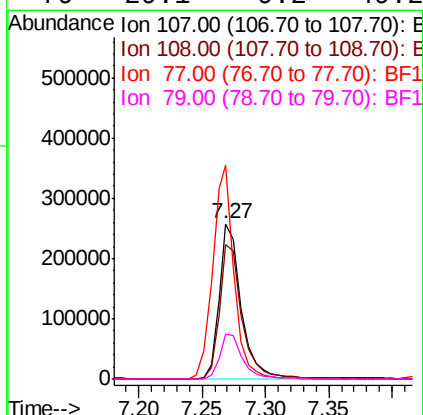
Instrument :
BNA_F
ClientSampled :

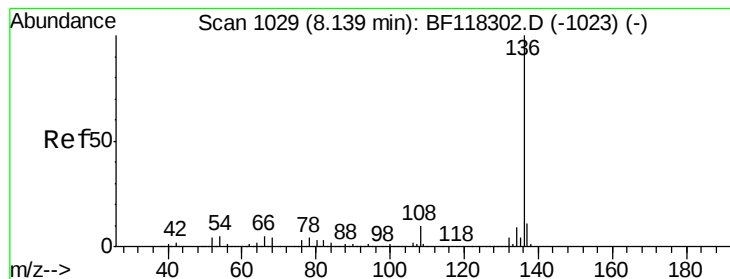
Tot Ion:	70	Resp:	202996
Ion	Ratio	Lower	Upper
70	100		
42	56.4	41.1	61.7
101	10.3	8.3	12.5
130	23.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 47.320 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:	107	Resp:	311044
Ion	Ratio	Lower	Upper
107	100		
108	86.6	69.3	109.3
77	137.7	105.9	145.9
79	29.1	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 382752

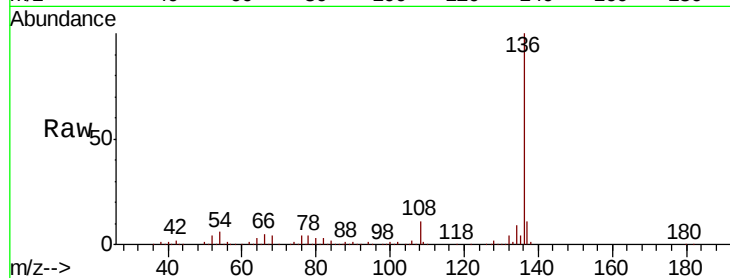
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.9 4.2 6.4

68 4.3 3.5 5.3

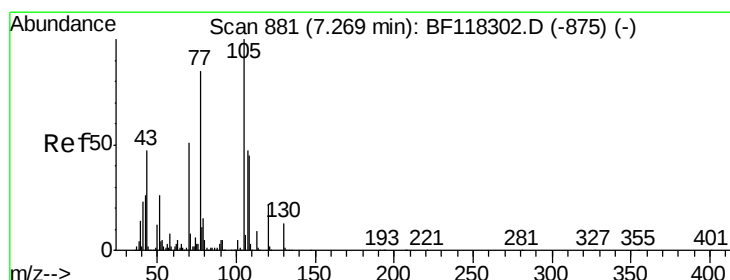
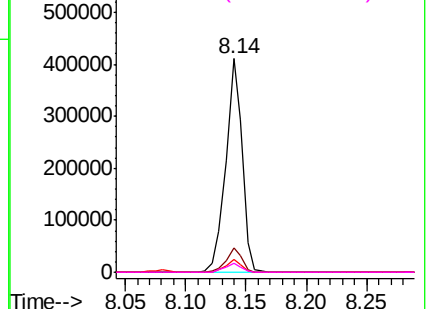
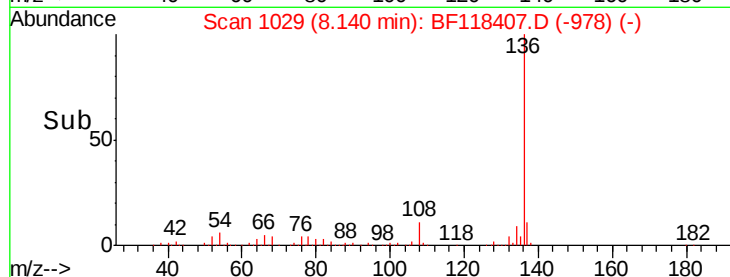


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.438 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:105 Resp: 416862

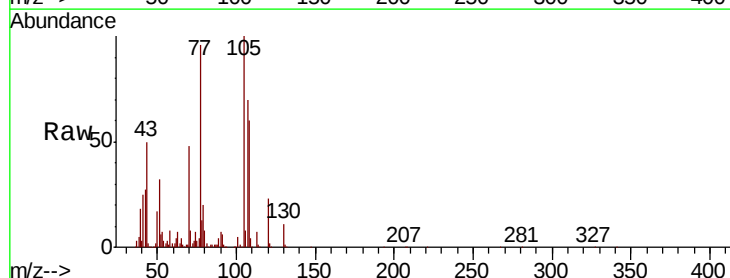
Ion Ratio Lower Upper

105 100

71 7.9 6.6 9.8

51 31.8 20.6 30.8#

120 22.5 18.0 27.0

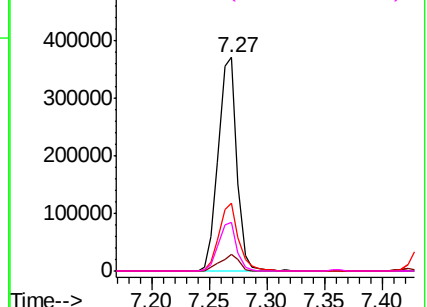
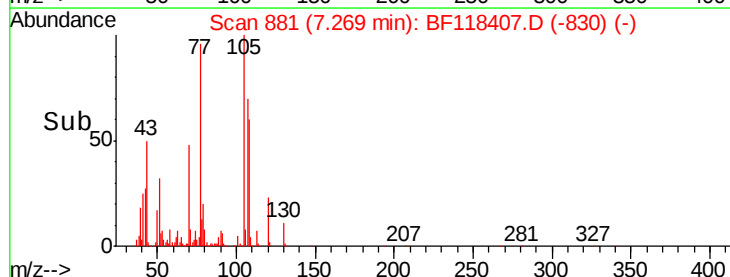


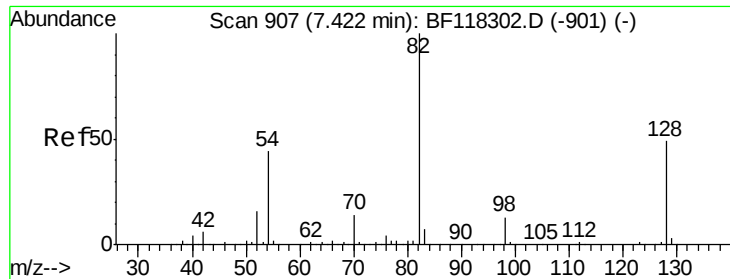
Abundance Ion 105.00 (104.70 to 105.70): E

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

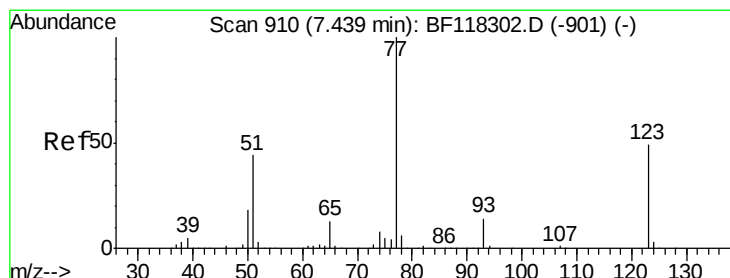
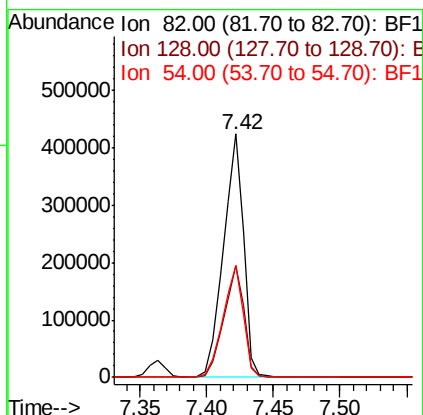
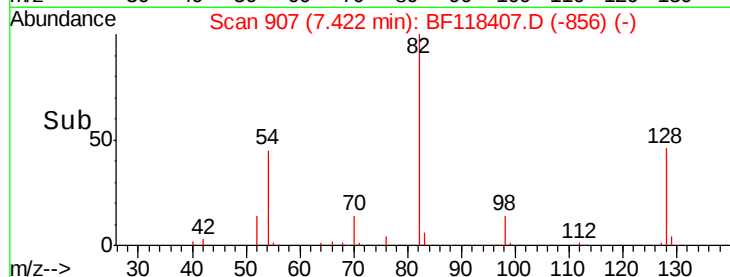
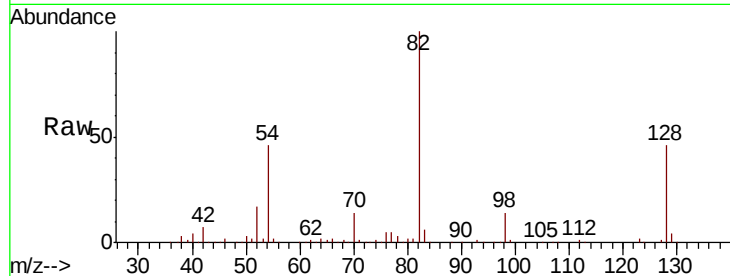




#23
Nitrobenzene-d5
Concen: 67.918 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

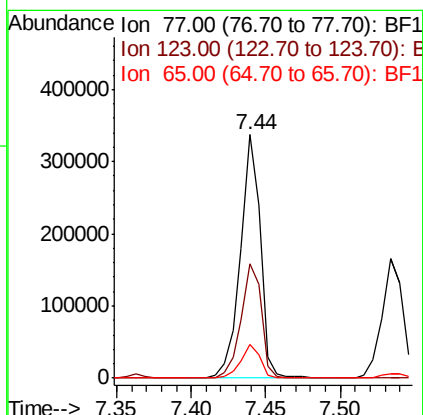
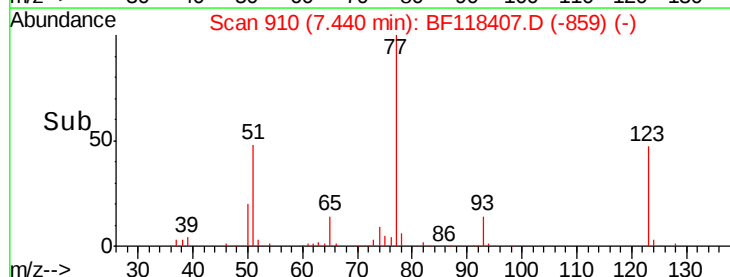
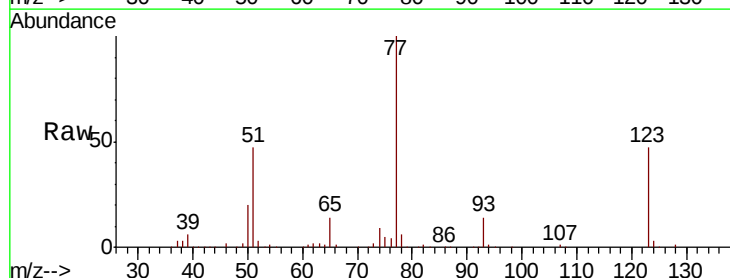
Instrument :
BNA_F
ClientSampleId :

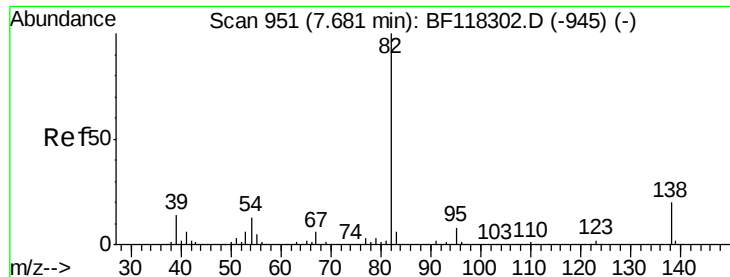
Tot Ion: 82 Resp: 454514
Ion Ratio Lower Upper
82 100
128 45.7 39.6 59.4
54 46.0 34.9 52.3



#24
Nitrobenzene
Concen: 46.520 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion: 77 Resp: 311851
Ion Ratio Lower Upper
77 100
123 47.0 39.1 58.7
65 13.6 10.6 16.0





#25

Isophorone

Concen: 45.957 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

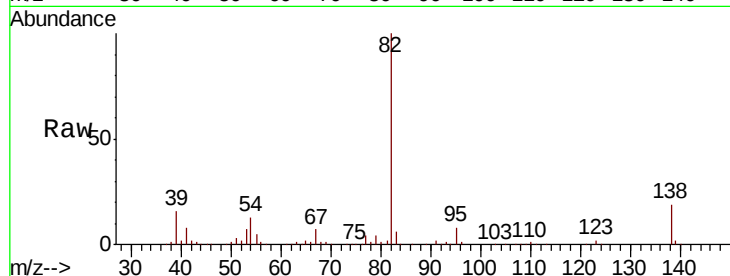
Tot Ion: 82 Resp: 535991

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

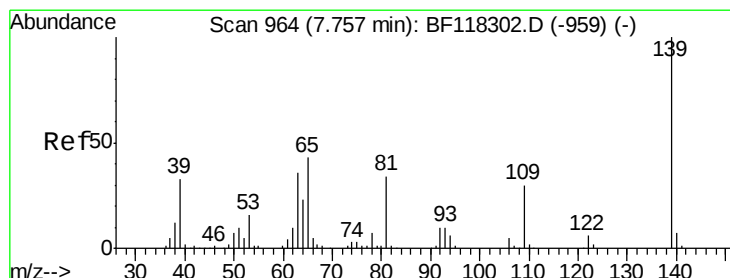
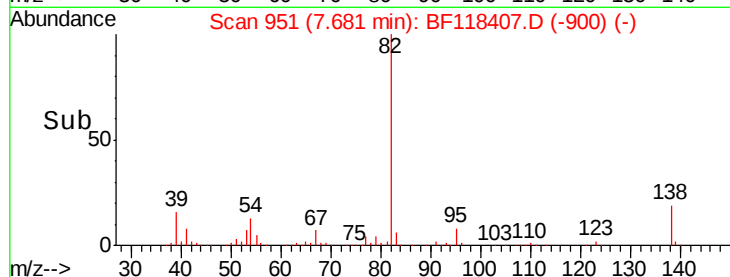
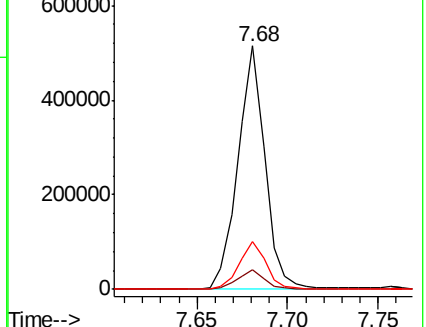
138 19.5 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.890 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

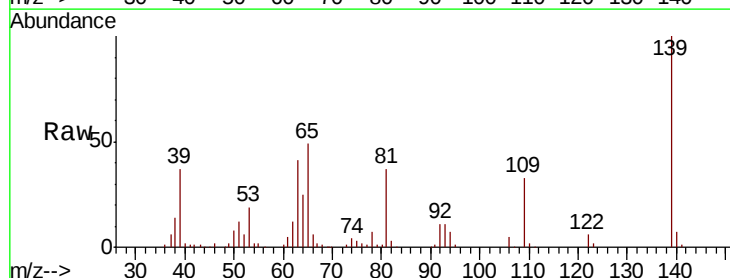
Tgt Ion: 139 Resp: 166493

Ion Ratio Lower Upper

139 100

109 33.4 24.1 36.1

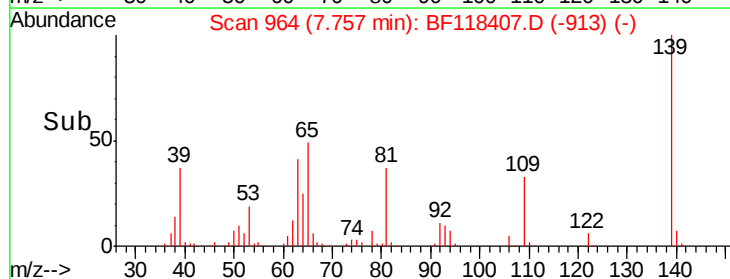
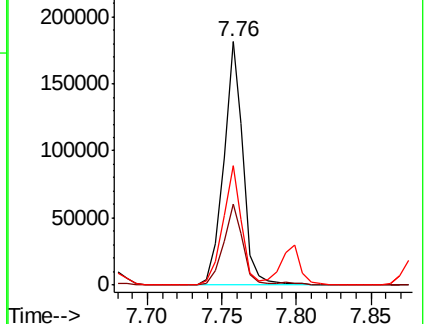
65 49.3 34.6 52.0

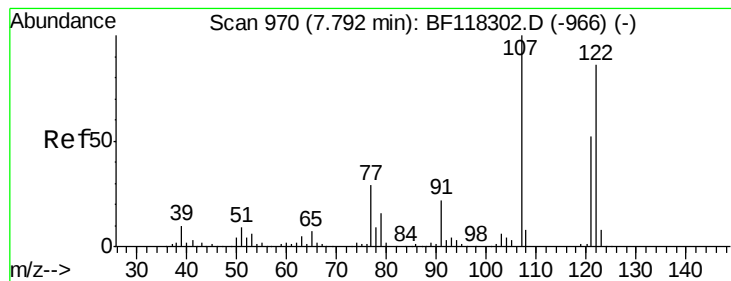


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.754 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

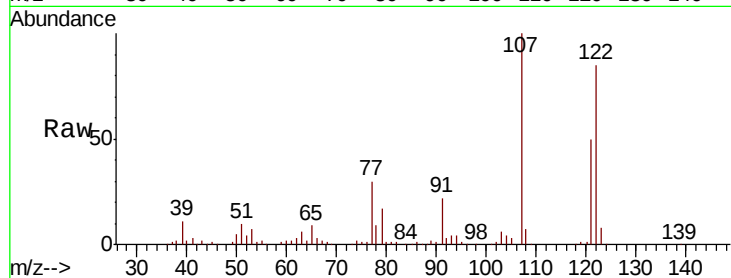
Tot Ion:122 Resp: 260415

Ion Ratio Lower Upper

122 100

107 118.1 92.9 139.3

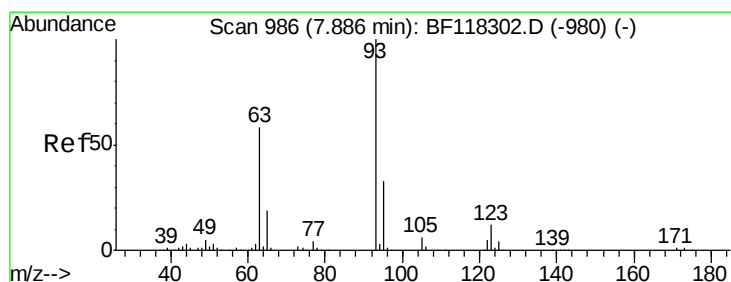
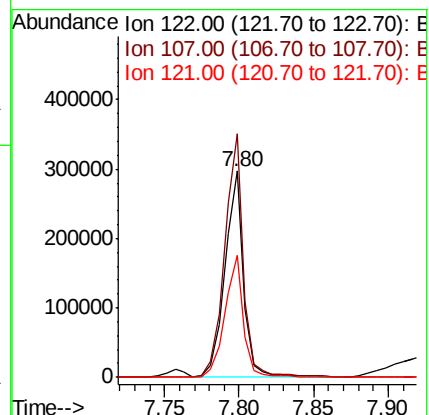
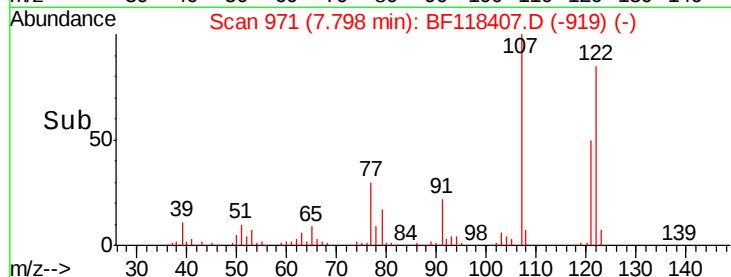
121 59.5 47.9 71.9



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: 42.353 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

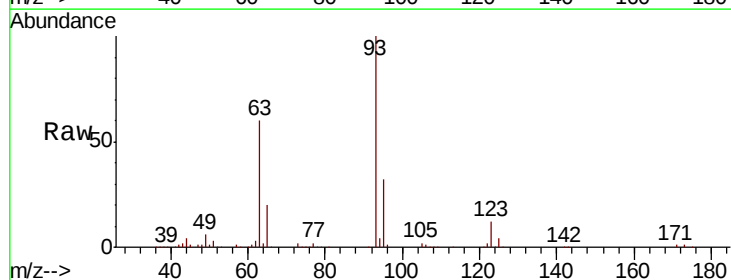
Tgt Ion: 93 Resp: 323044

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

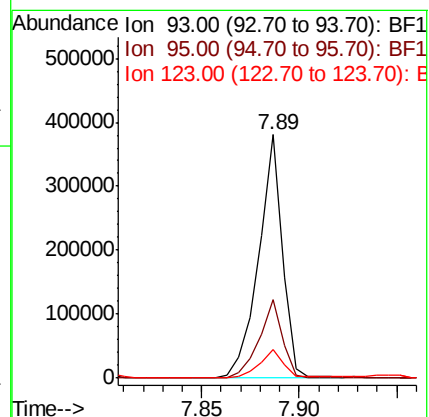
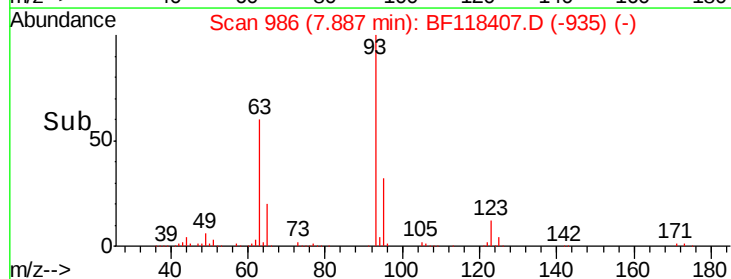
123 11.9 9.8 14.8

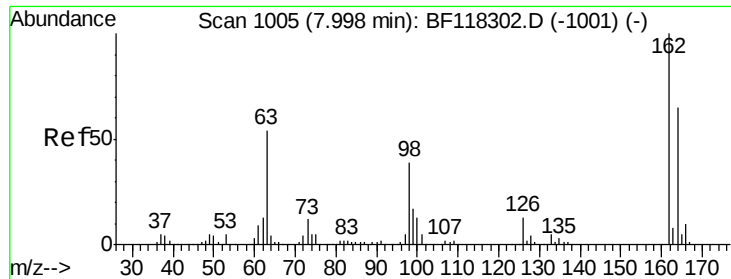


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

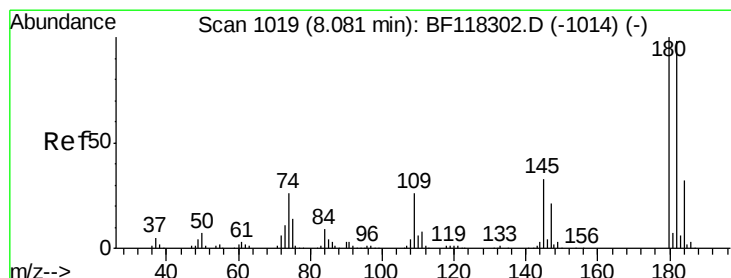
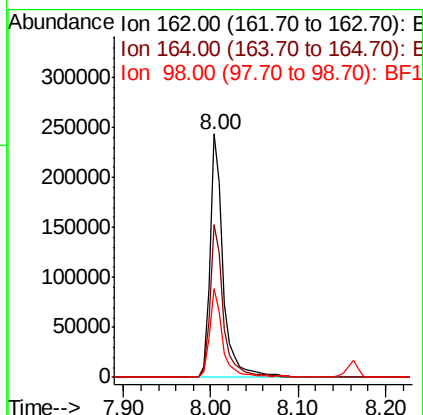
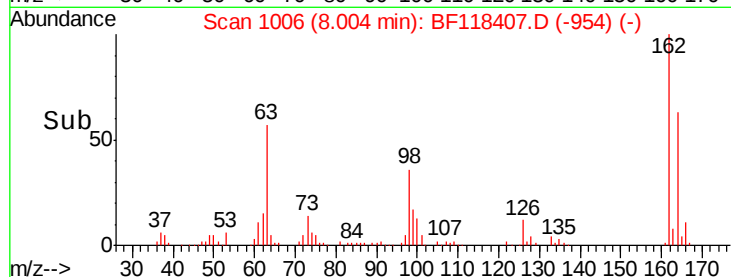
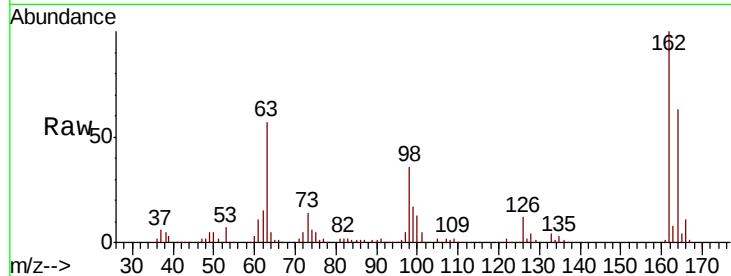




#29
2,4-Dichlorophenol
Concen: 45.443 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

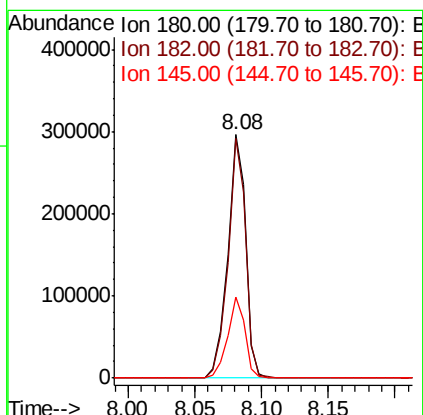
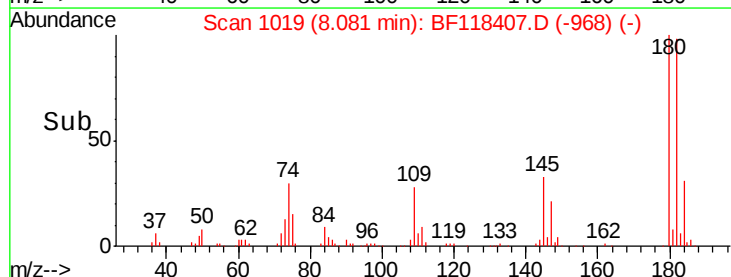
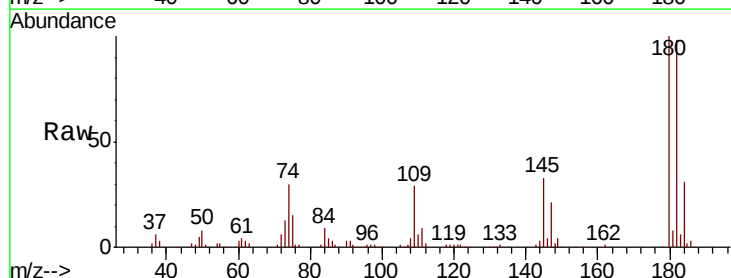
Instrument :
BNA_F
ClientSampleId :

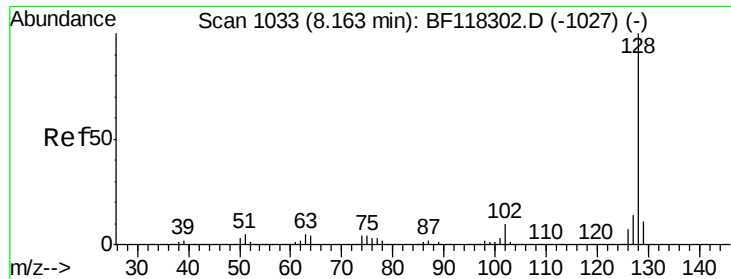
Tot Ion:162 Resp: 253394
Ion Ratio Lower Upper
162 100
164 62.5 45.1 85.1
98 36.4 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 43.438 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:180 Resp: 282152
Ion Ratio Lower Upper
180 100
182 98.3 78.3 117.5
145 33.2 26.7 40.1

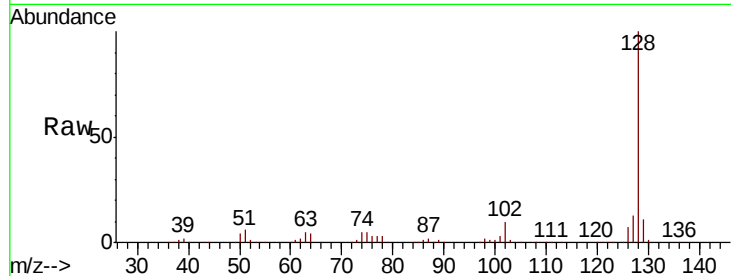




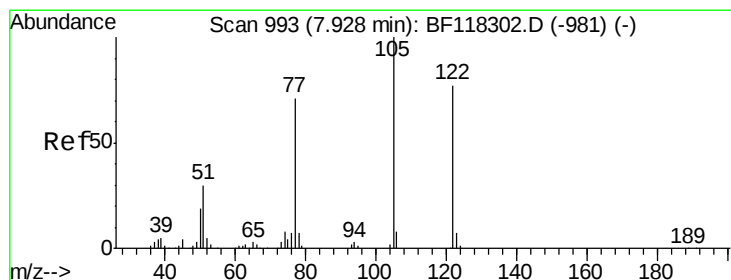
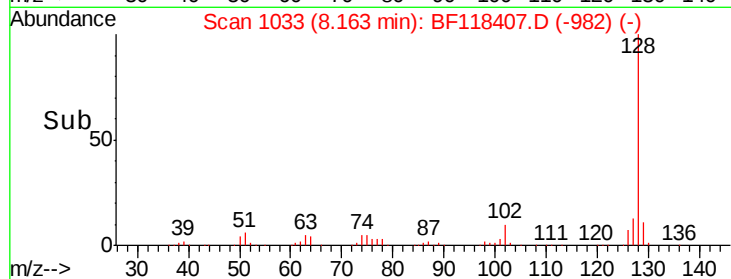
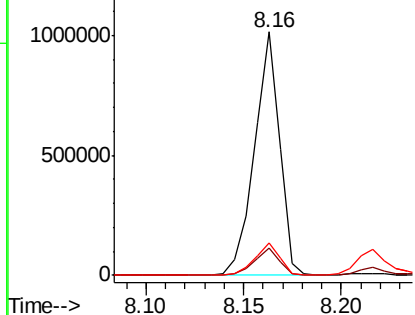
#31
Naphthalene
Concen: 46.553 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 905638
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 11.0 16.4

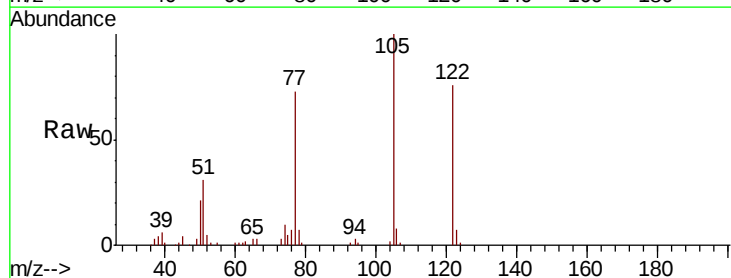


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

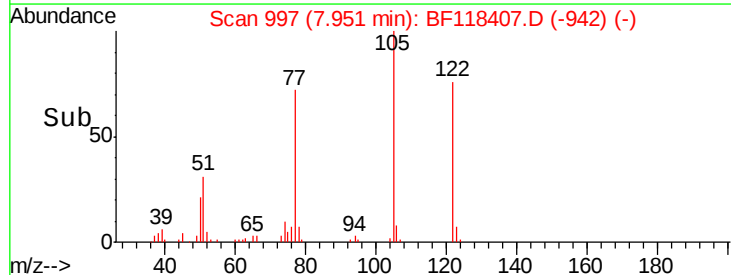
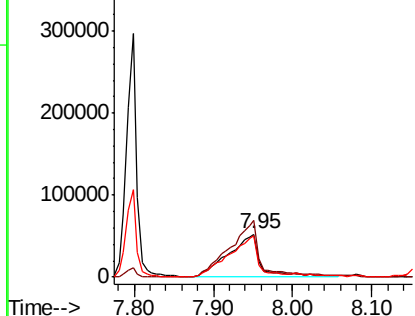


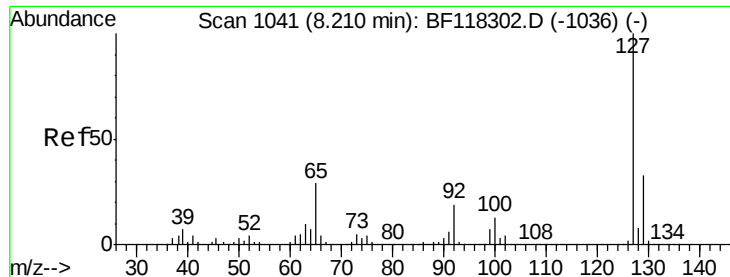
#32
Benzoic acid
Concen: 37.123 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:122 Resp: 145901
Ion Ratio Lower Upper
122 100
105 132.3 106.8 146.8
77 96.0 70.4 110.4



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

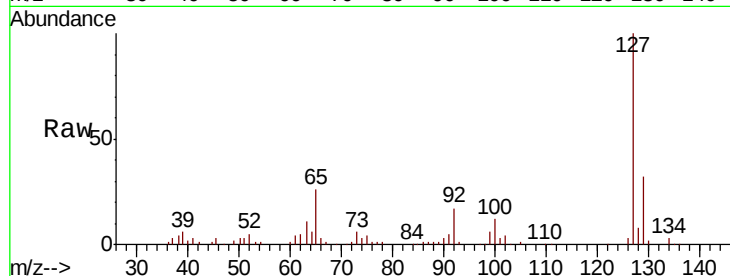




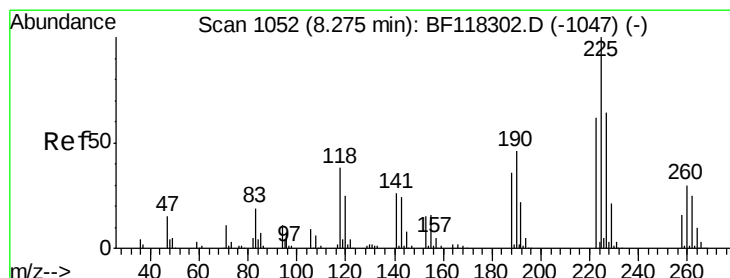
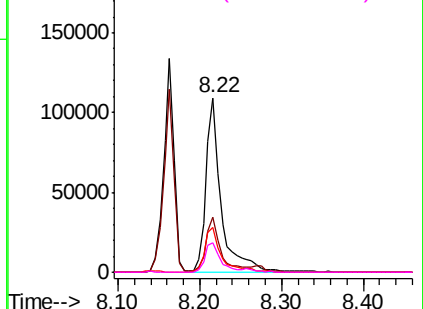
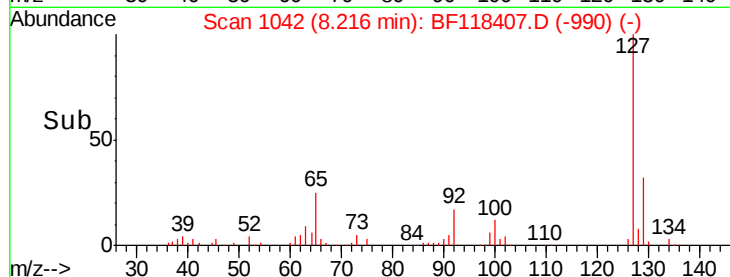
#33
4-Chloroaniline
Concen: 17.241 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 143785
Ion Ratio Lower Upper
127 100
129 31.5 26.5 39.7
65 25.6 22.8 34.2
92 17.3 15.5 23.3

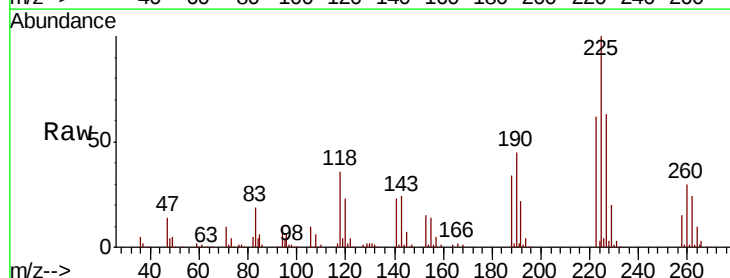


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

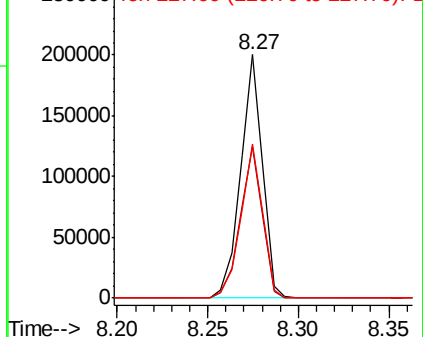
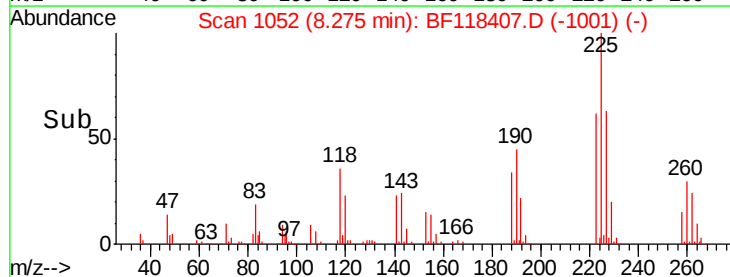


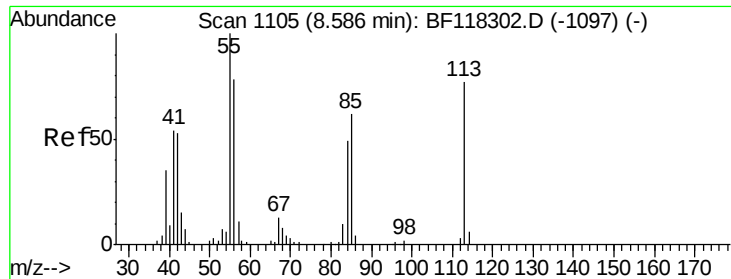
#34
Hexachlorobutadiene
Concen: 43.148 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:225 Resp: 166834
Ion Ratio Lower Upper
225 100
223 62.1 49.5 74.3
227 63.5 51.0 76.4



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

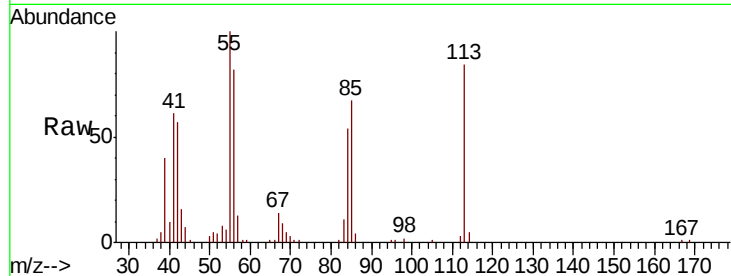




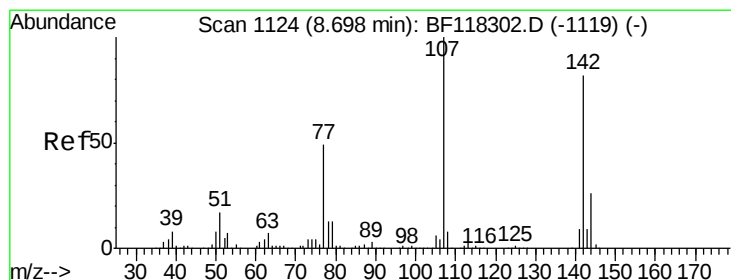
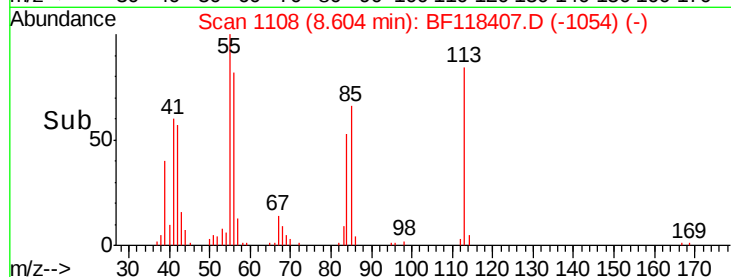
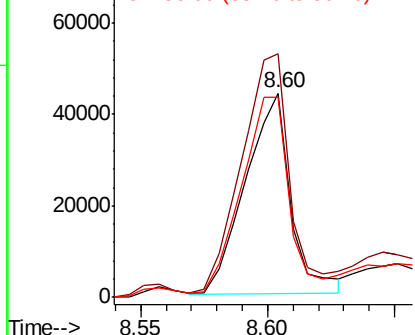
#35
 Caprolactam
 Concen: 31.387 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.02 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 54640
 Ion Ratio Lower Upper
 113 100
 55 119.0 109.8 149.8
 56 97.8 81.7 121.7

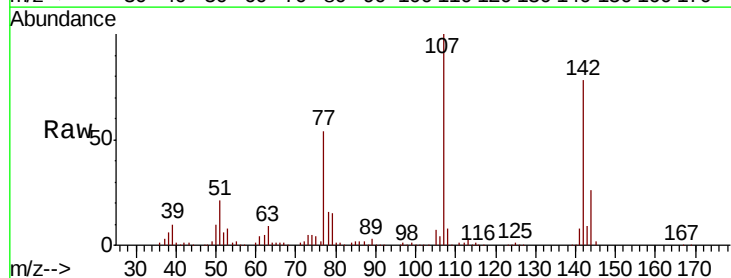


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

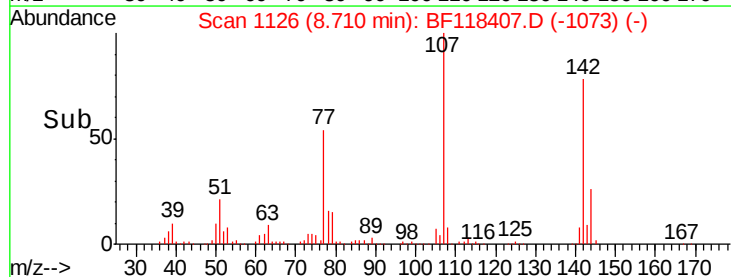
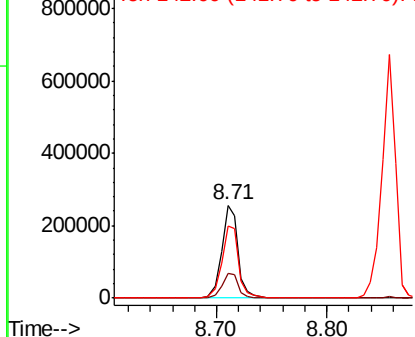


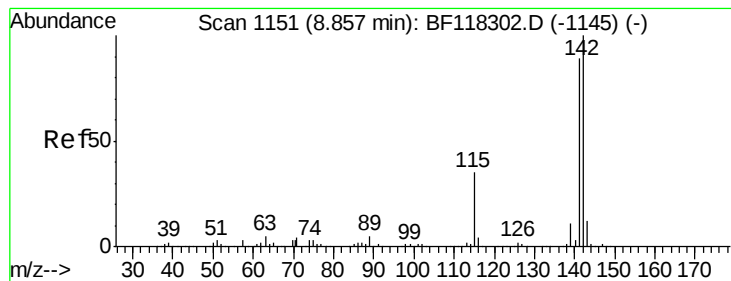
#36
 4-Chloro-3-methylphenol
 Concen: 44.329 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion:107 Resp: 265386
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.2 31.8
 142 77.8 65.4 98.2



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

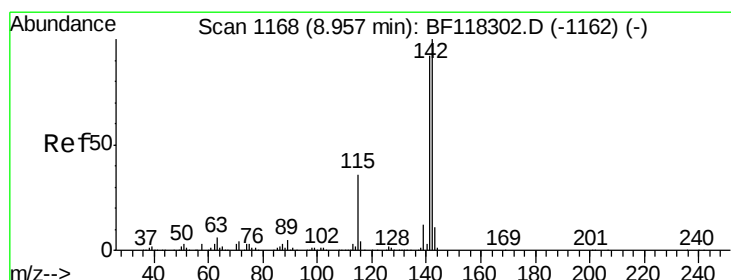
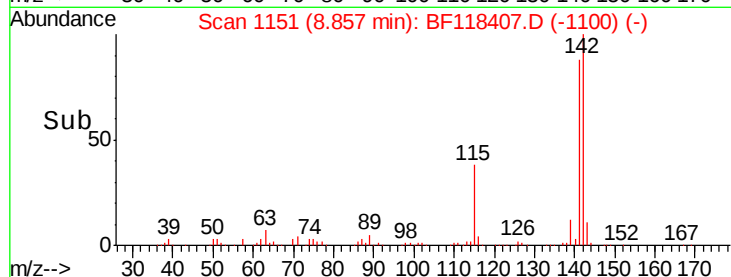
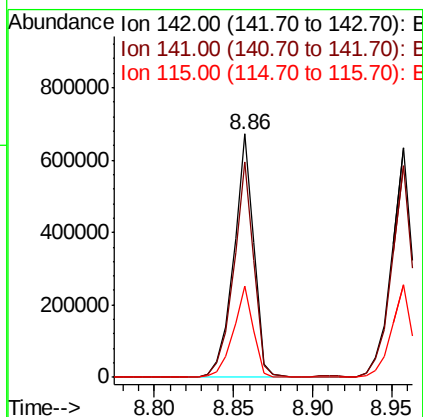
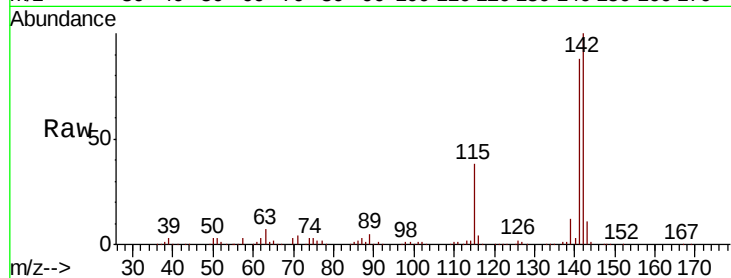




#37
2-Methylnaphthalene
Concen: 44.471 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

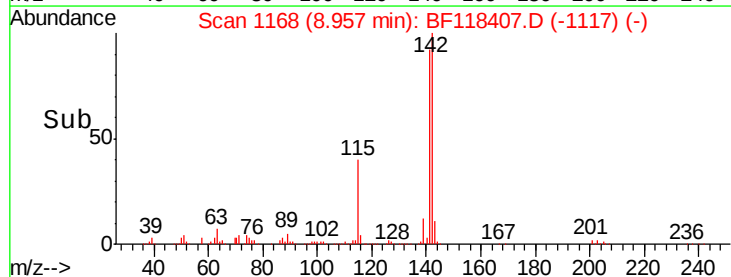
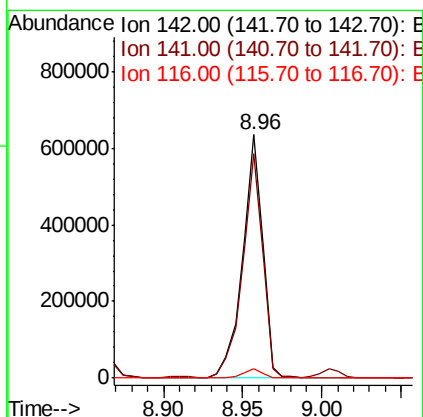
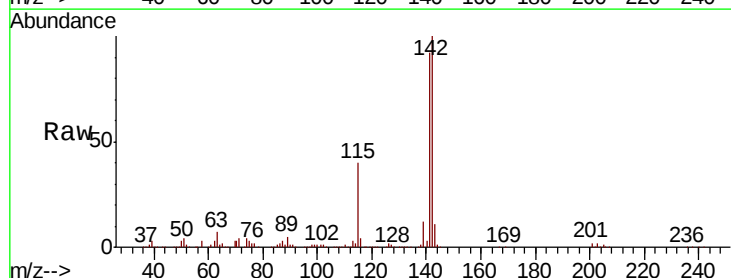
Instrument :
BNA_F
ClientSampleId :

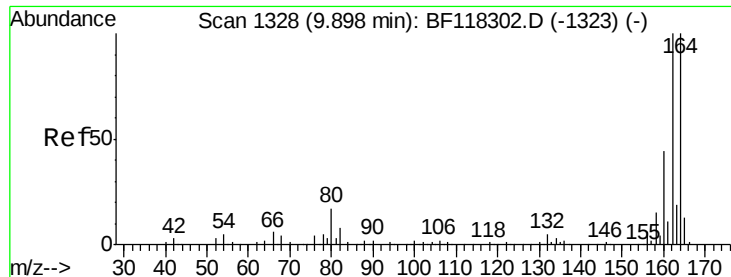
Tot Ion:142 Resp: 592321
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 37.5 28.0 42.0



#38
1-Methylnaphthalene
Concen: 44.029 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:142 Resp: 552505
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

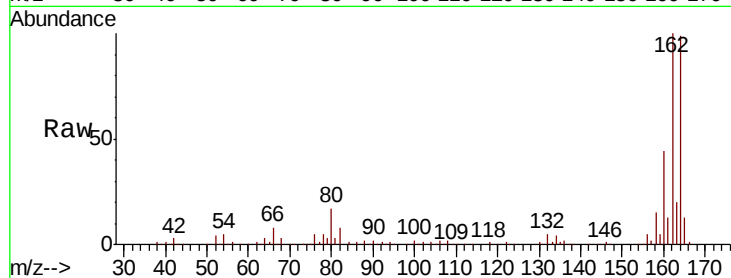
Tot Ion:164 Resp: 203972

Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

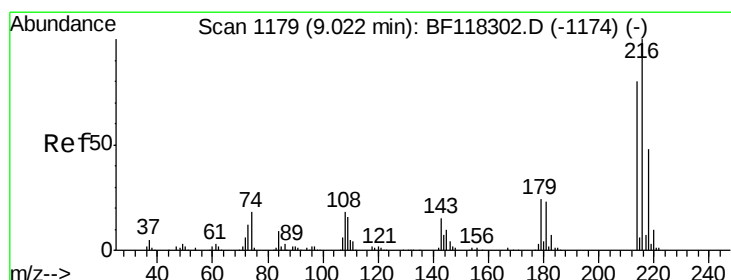
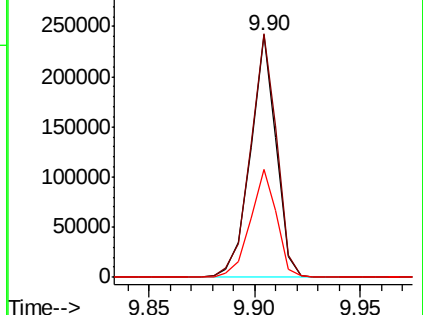
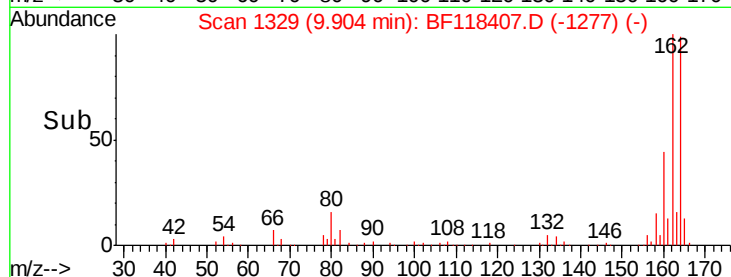
160 44.4 34.8 52.2



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: 42.334 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:216 Resp: 259445

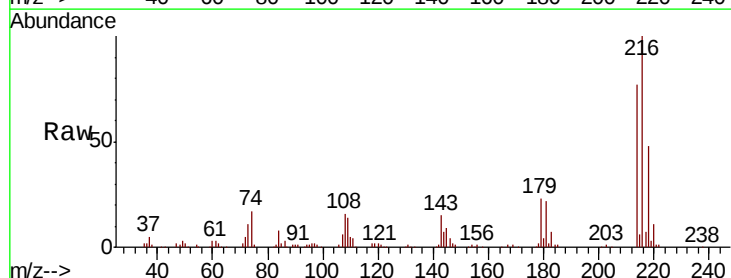
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 24.1 18.9 28.3

108 20.6 15.0 22.6

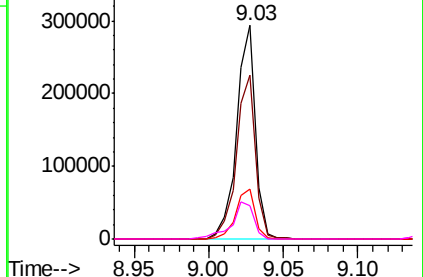
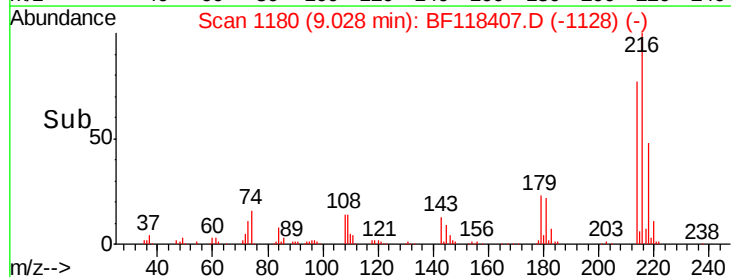


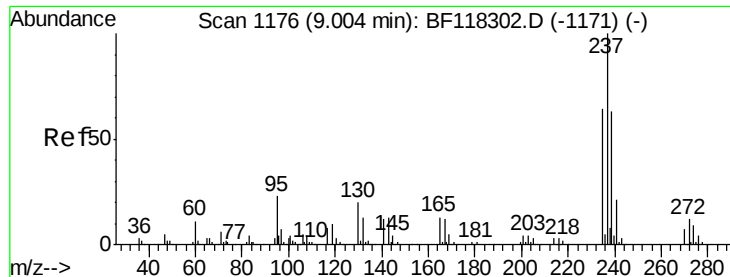
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.238 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

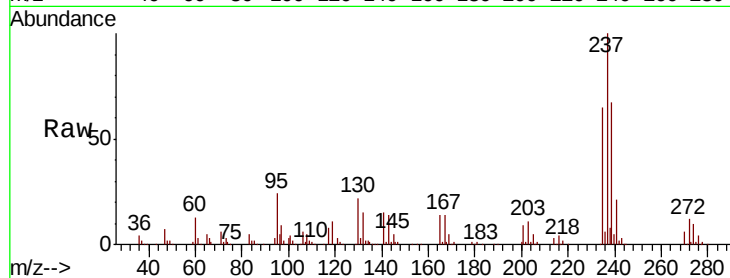
Tot Ion:237 Resp: 157690

Ion Ratio Lower Upper

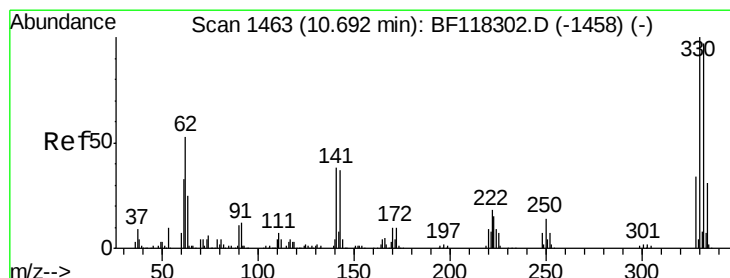
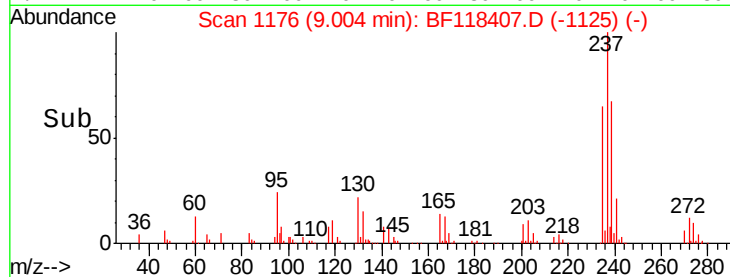
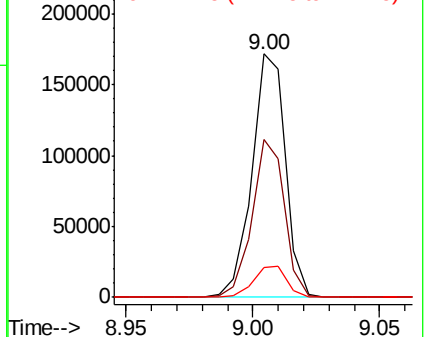
237 100

235 64.6 43.8 83.8

272 12.5 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 103.188 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

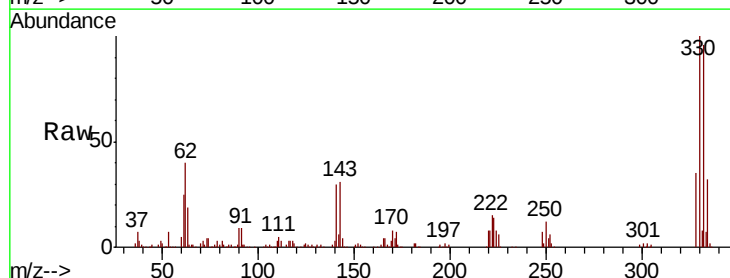
Tgt Ion:330 Resp: 259921

Ion Ratio Lower Upper

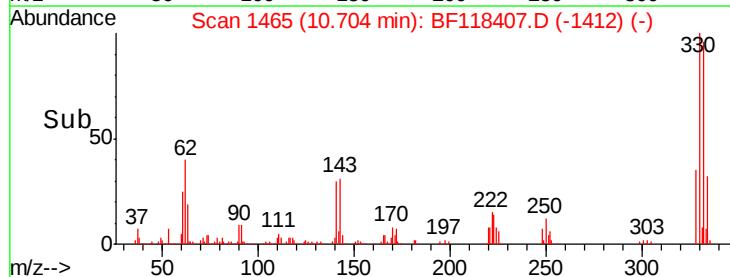
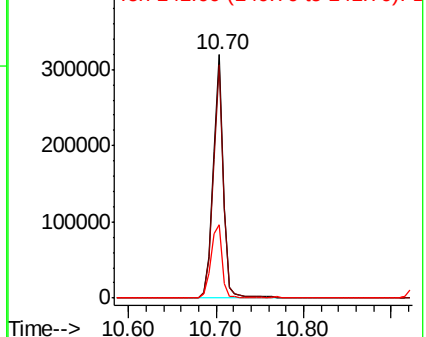
330 100

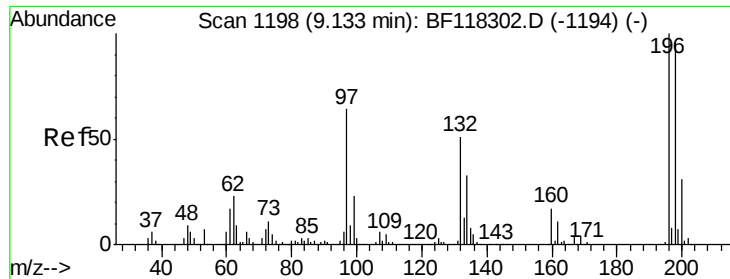
332 95.4 76.6 114.8

141 33.9 26.0 39.0



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

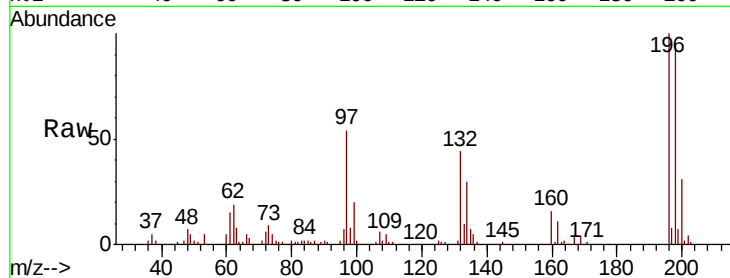




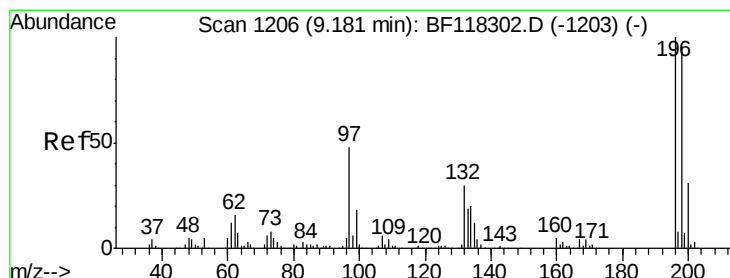
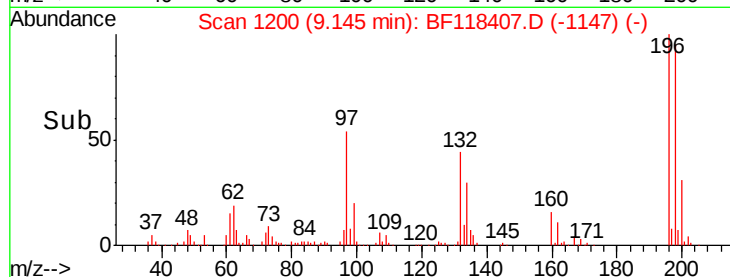
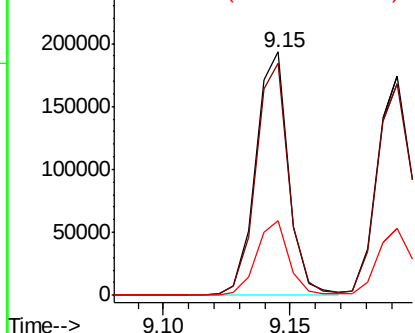
#43
 2,4,6-Trichlorophenol
 Concen: 42.700 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 174824
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 30.6 24.8 37.2

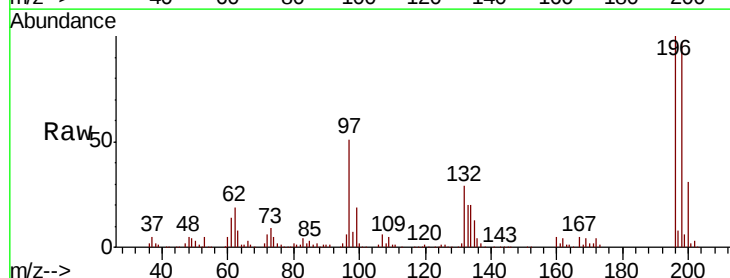


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

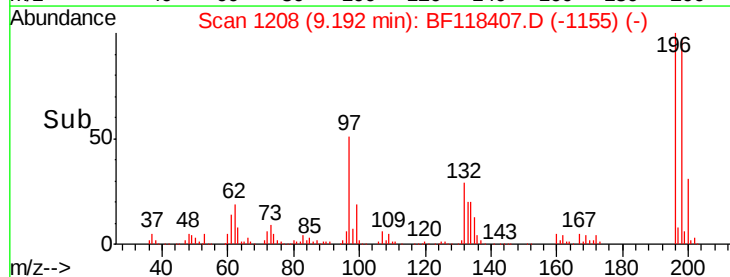
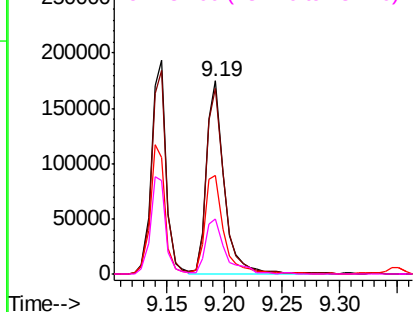


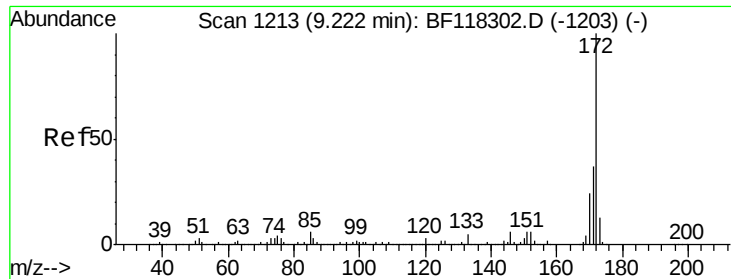
#44
 2,4,5-Trichlorophenol
 Concen: 44.272 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion:196 Resp: 186466
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.4
 97 51.2 38.9 58.3
 132 28.5 23.9 35.9



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

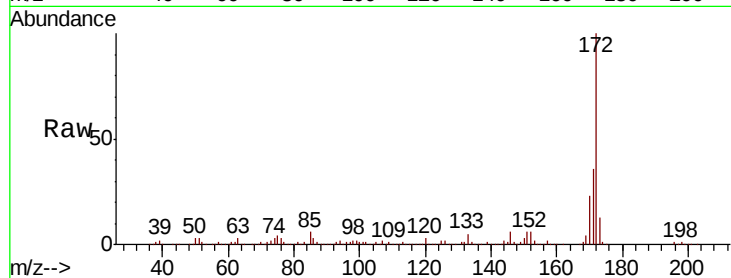




#45
2-Fluorobiphenyl
Concen: 63.239 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.0	19.2	28.8

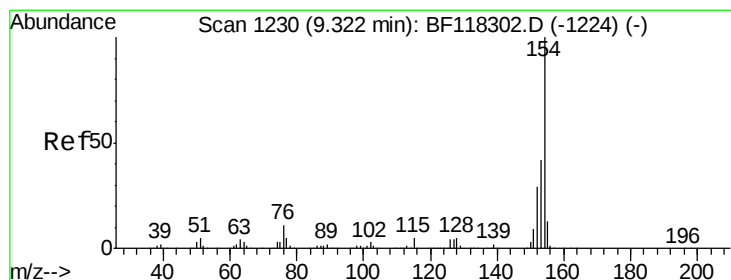
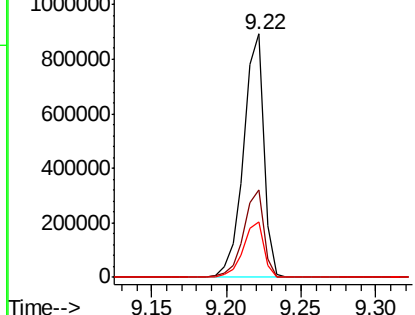
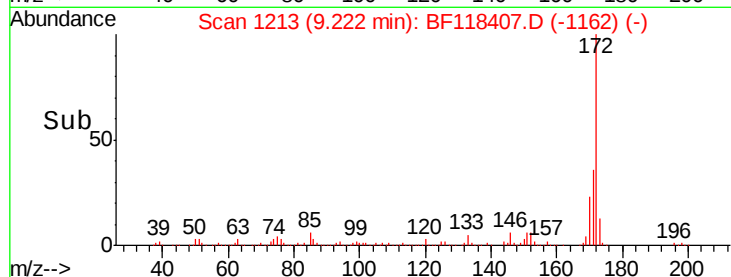


Abundance

Ion 172.00 (171.70 to 172.70): E

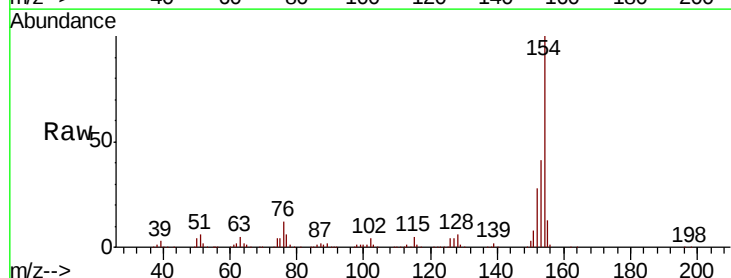
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.949 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.8	61.8
76	11.8	0.0	30.9

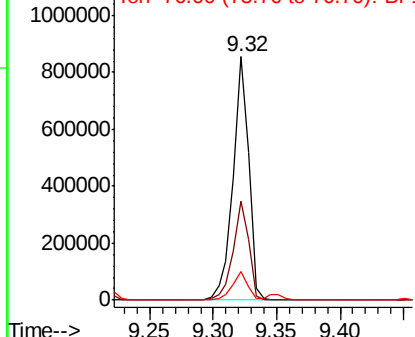
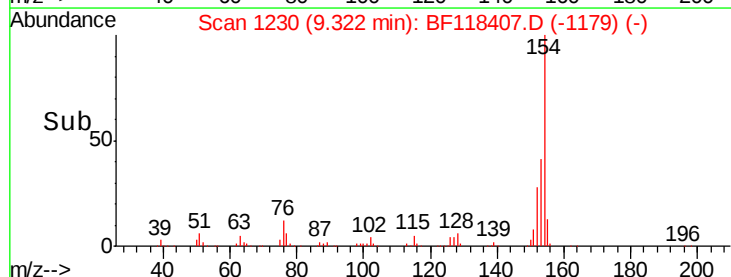


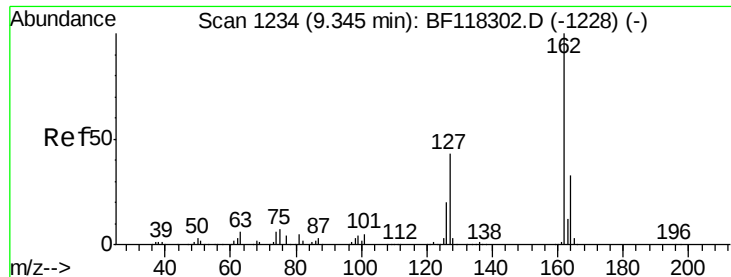
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

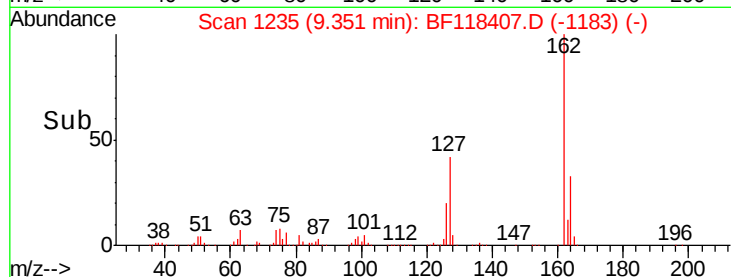
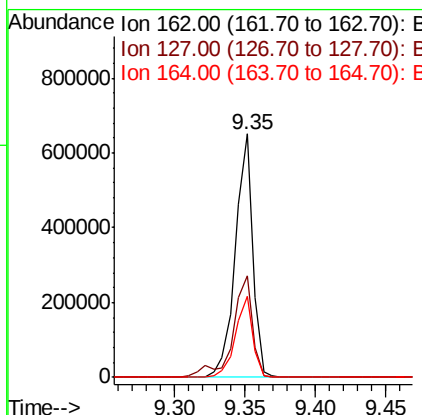
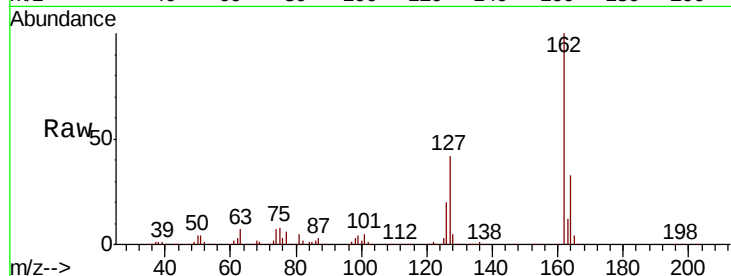




#47
 2-Chloronaphthalene
 Concen: 43.259 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

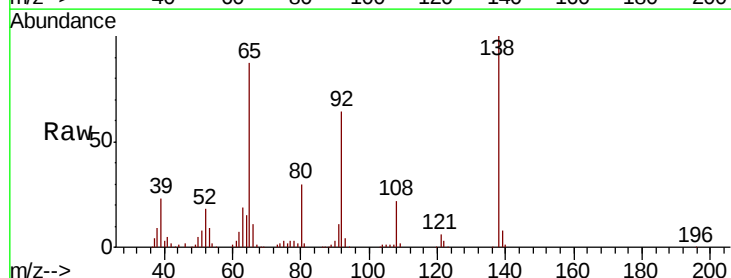
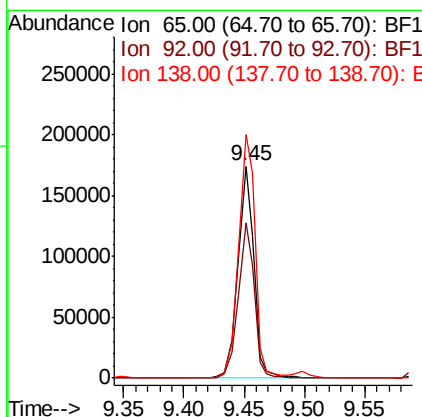
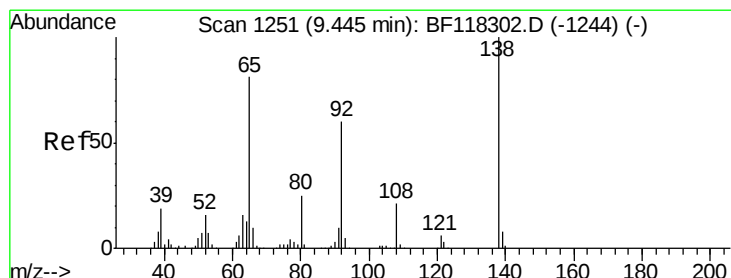
Instrument :
 BNA_F
 ClientSampleId :

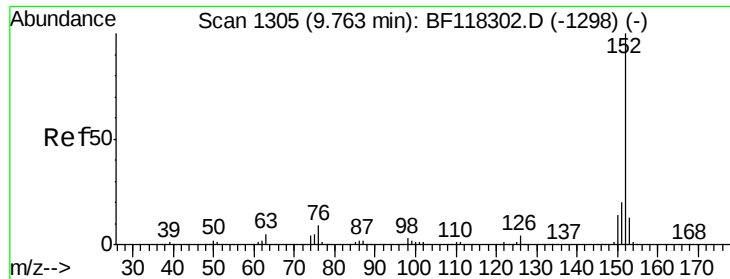
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.1	26.6	40.0



#48
 2-Nitroaniline
 Concen: 44.141 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	58.7	88.1
138	114.7	98.5	147.7





#49

Acenaphthylene

Concen: 46.198 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

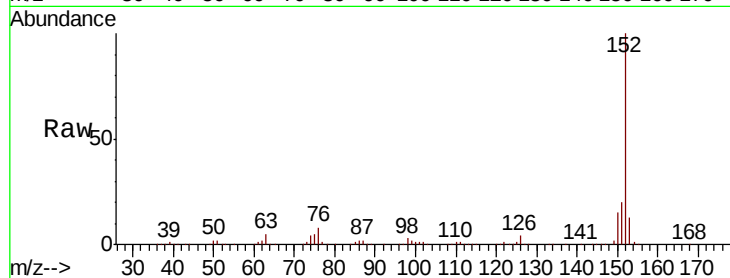
Tot Ion:152 Resp: 889646

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

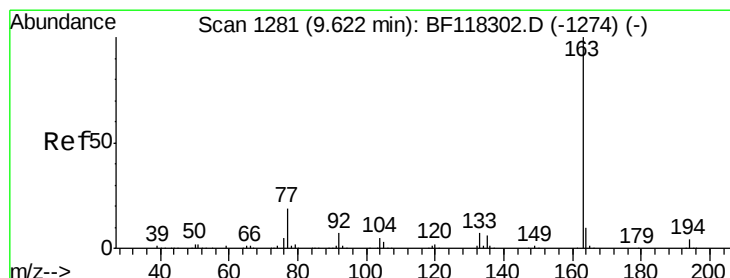
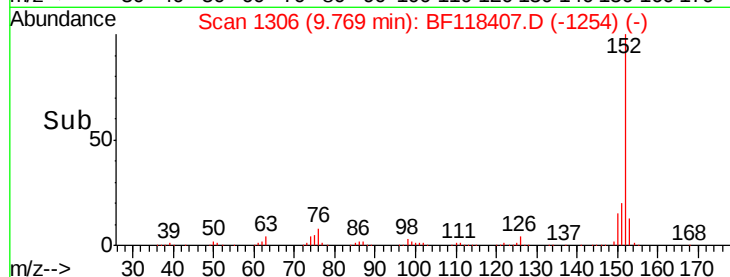
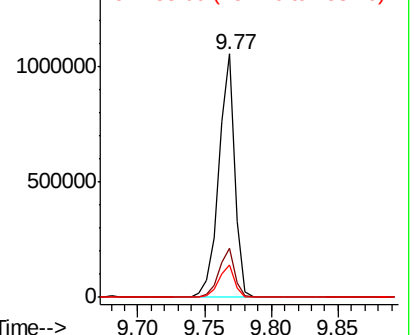
153 13.5 10.5 15.7



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: 47.123 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

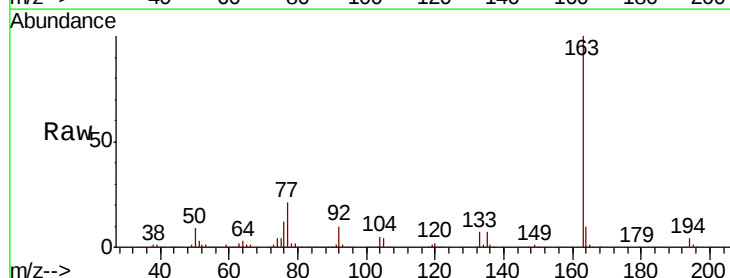
Tgt Ion:163 Resp: 721498

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

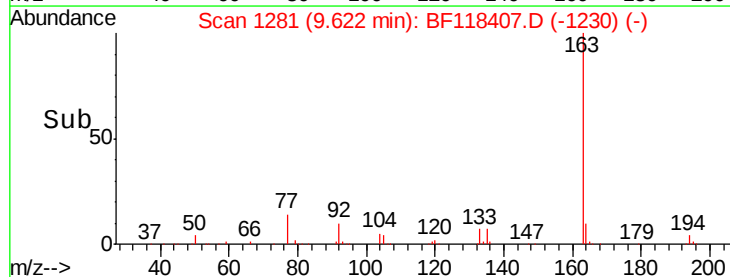
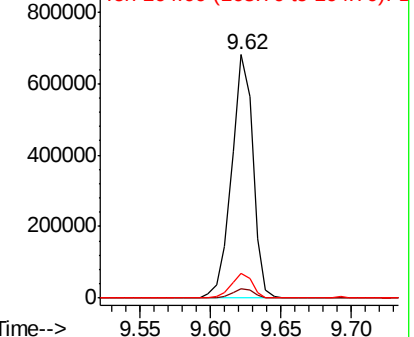
164 10.1 7.9 11.9

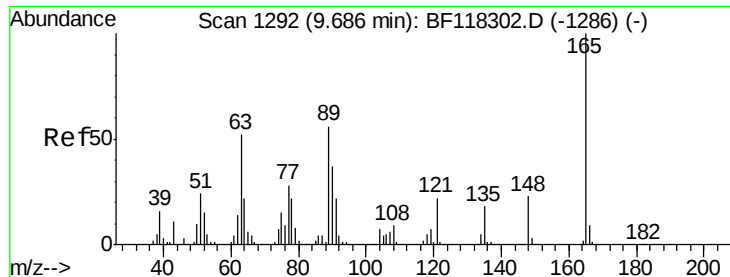


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.306 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

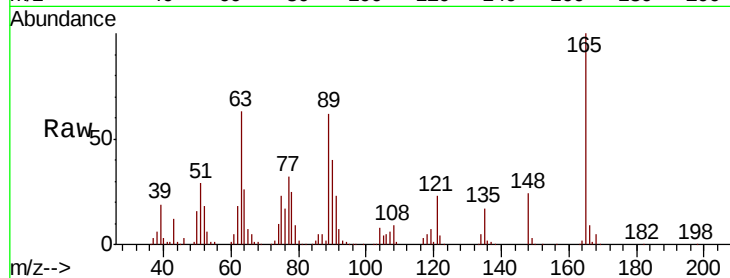
Tot Ion:165 Resp: 149550

Ion Ratio Lower Upper

165 100

63 62.9 42.2 63.4

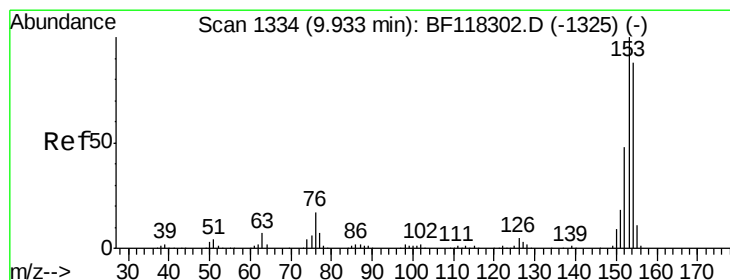
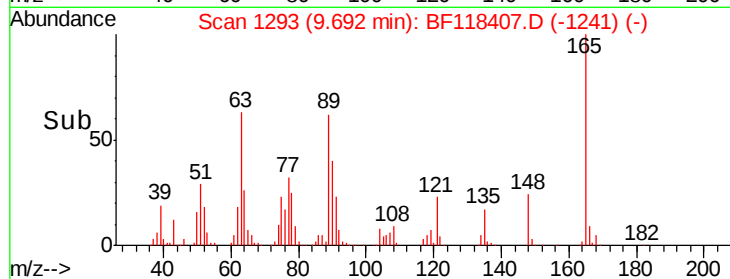
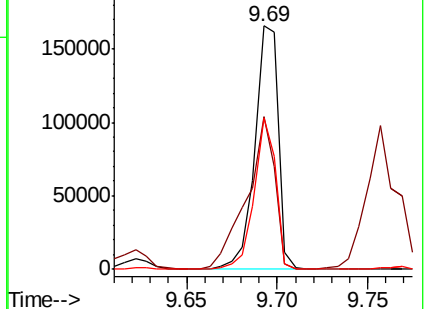
89 62.3 44.4 66.6



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: 46.327 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

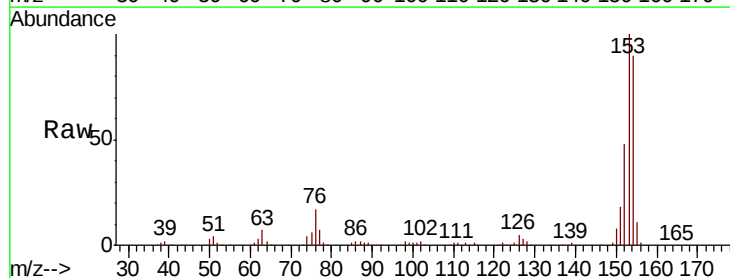
Tgt Ion:154 Resp: 543399

Ion Ratio Lower Upper

154 100

153 111.0 90.6 136.0

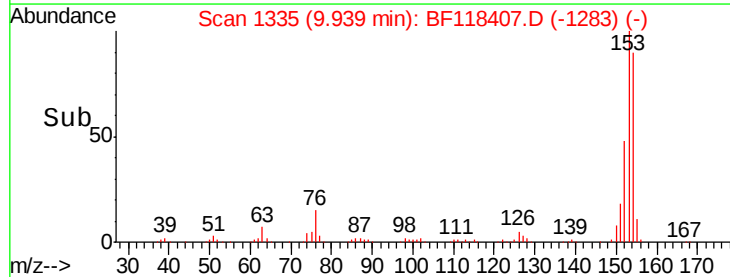
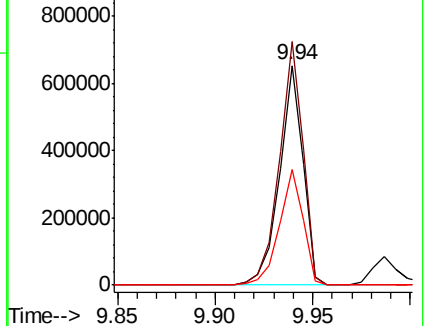
152 52.9 43.1 64.7

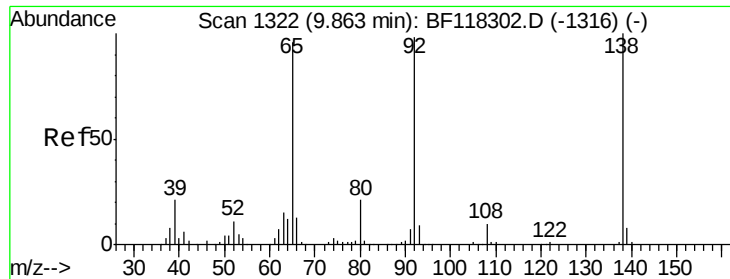


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

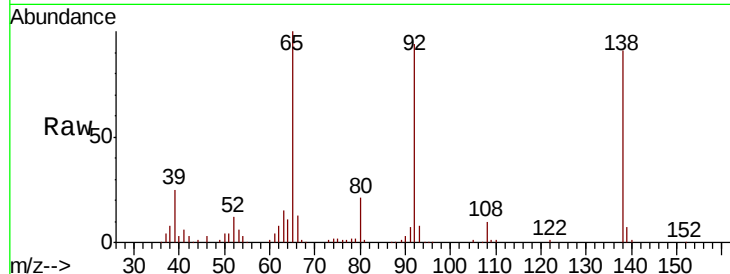




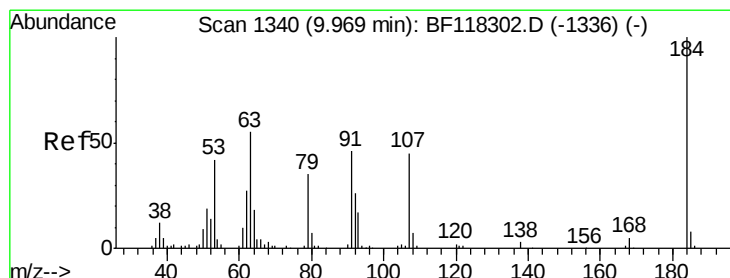
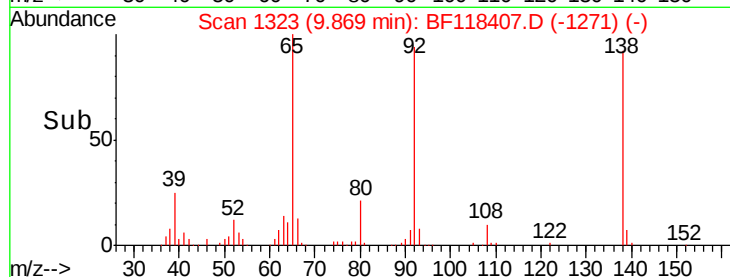
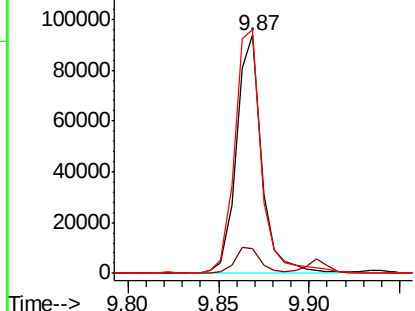
#53
3-Nitroaniline
Concen: 23.521 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91127
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 102.3 78.2 117.2

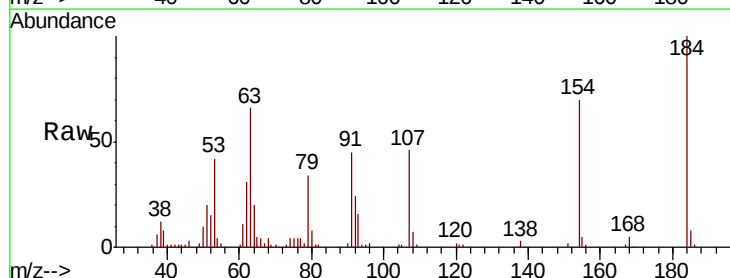


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

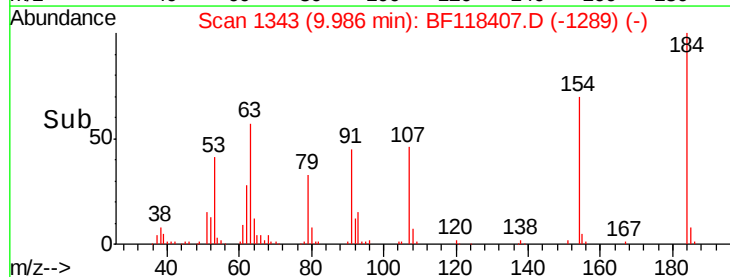
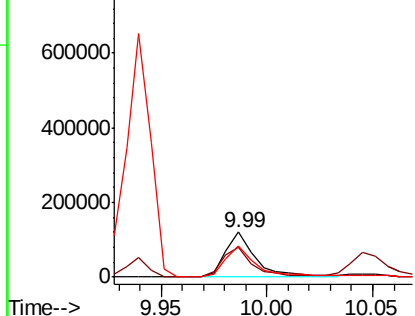


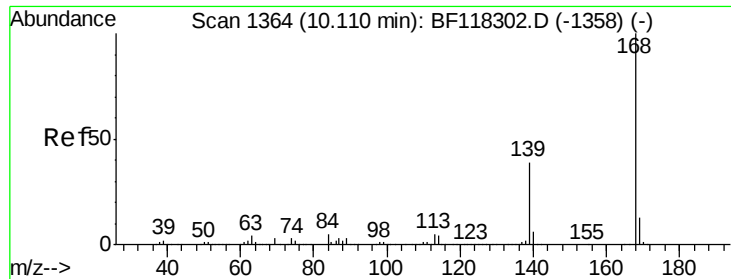
#54
2,4-Dinitrophenol
Concen: 73.492 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:184 Resp: 121565
Ion Ratio Lower Upper
184 100
63 66.0 48.8 73.2
154 70.4 55.0 82.4



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





#55

Dibenzenofuran

Concen: 49.747 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

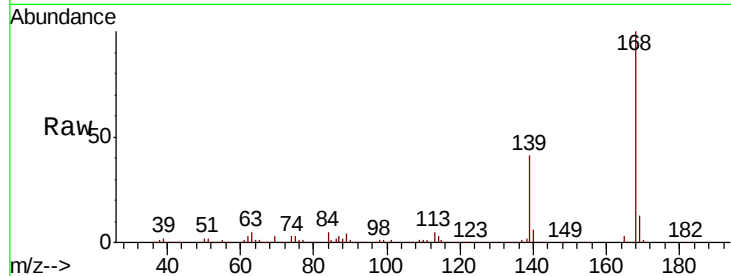
Tot Ion:168 Resp: 862209

Ion Ratio Lower Upper

168 100

139 40.9 31.5 47.3

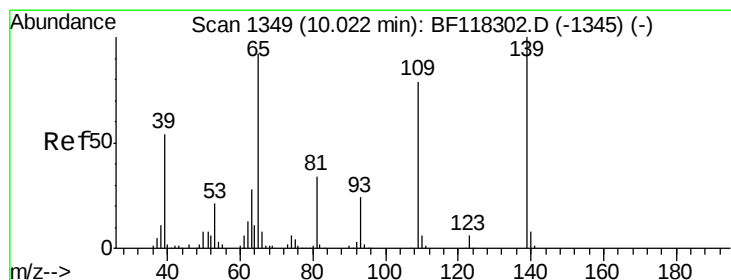
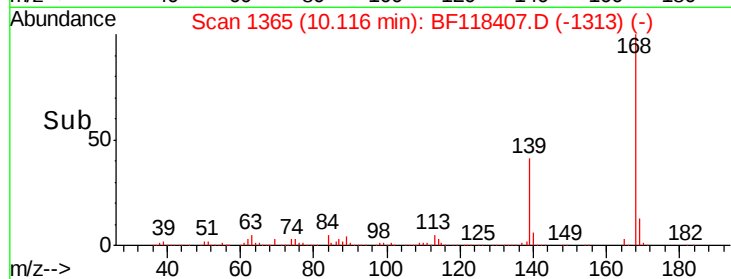
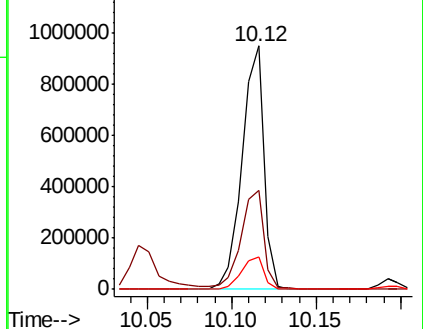
169 13.2 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.800 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

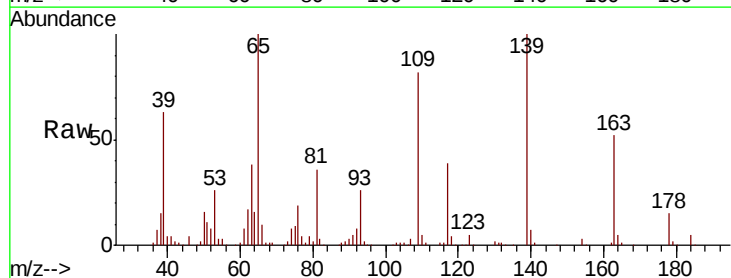
Tgt Ion:139 Resp: 195645

Ion Ratio Lower Upper

139 100

109 82.3 59.3 99.3

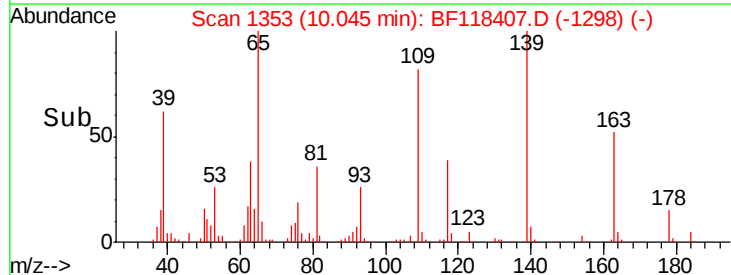
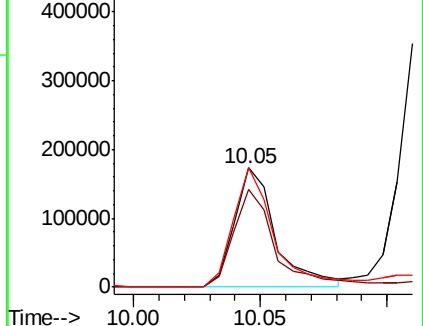
65 100.3 72.4 112.4

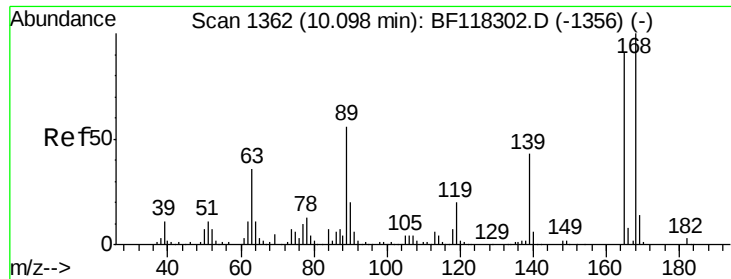


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

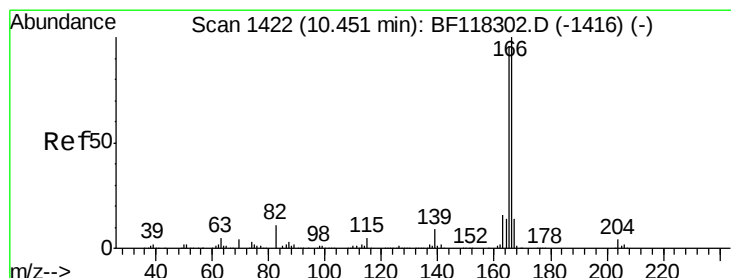
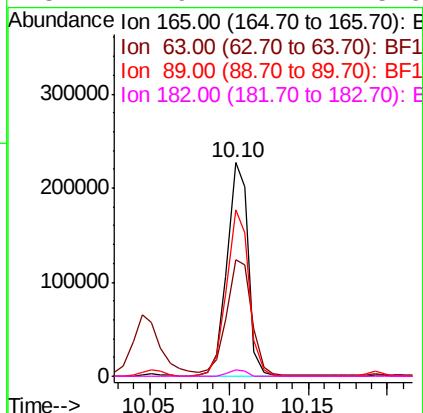
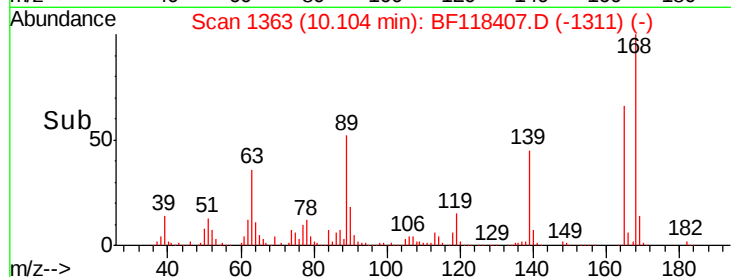
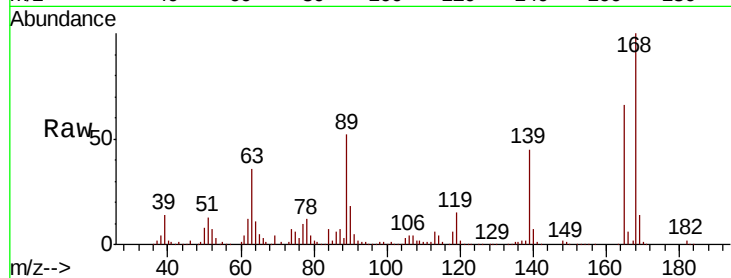




#57
2,4-Dinitrotoluene
Concen: 47.785 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

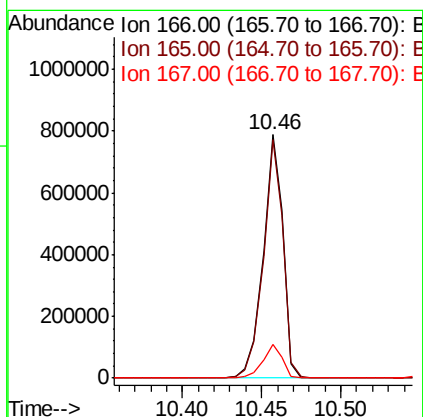
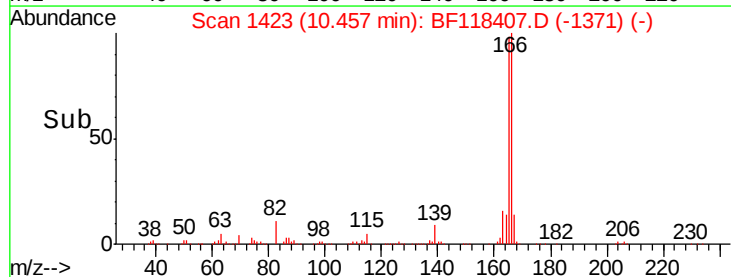
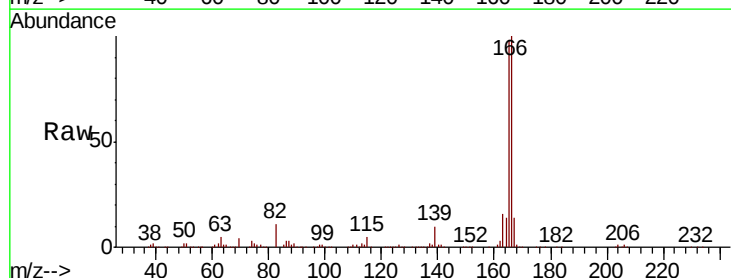
Instrument :
BNA_F
ClientSampleId :

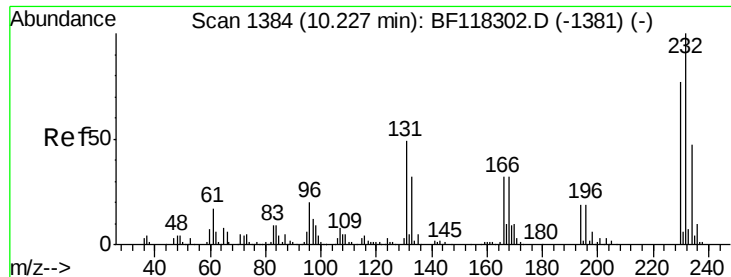
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	32.0	48.0#
89	77.9	49.3	73.9#
182	2.9	2.4	3.6



#58
Fluorene
Concen: 49.548 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.0	115.4
167	13.6	10.9	16.3

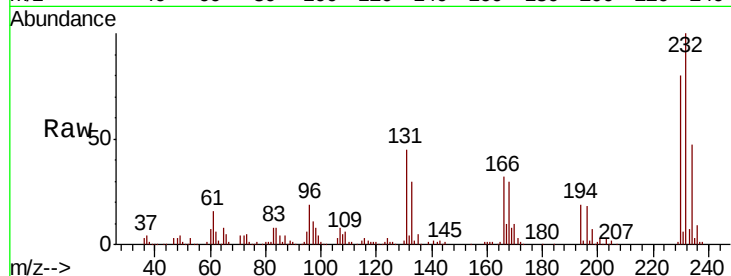




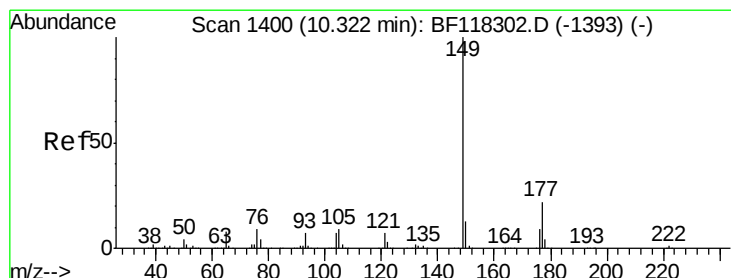
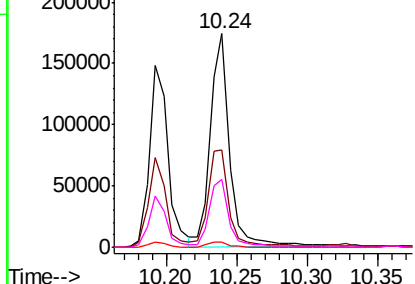
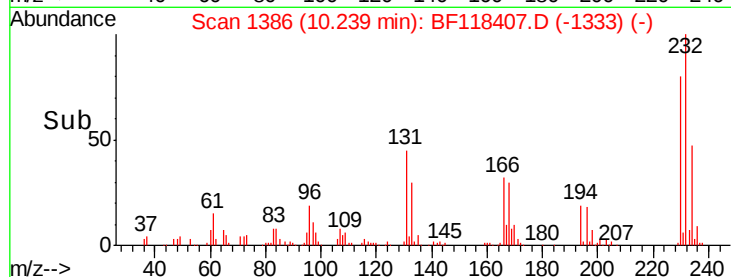
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.714 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 163594
 Ion Ratio Lower Upper
 232 100
 131 48.4 37.7 56.5
 130 2.8 2.0 3.0
 166 31.9 24.7 37.1

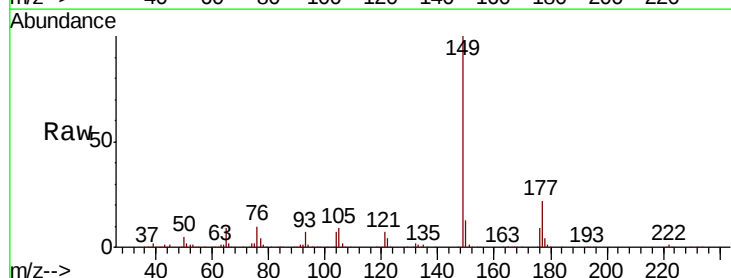


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

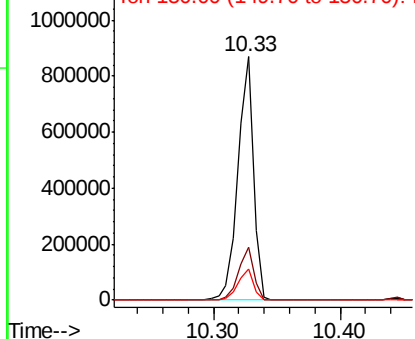
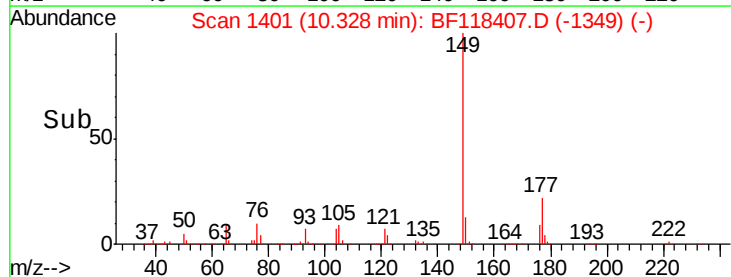


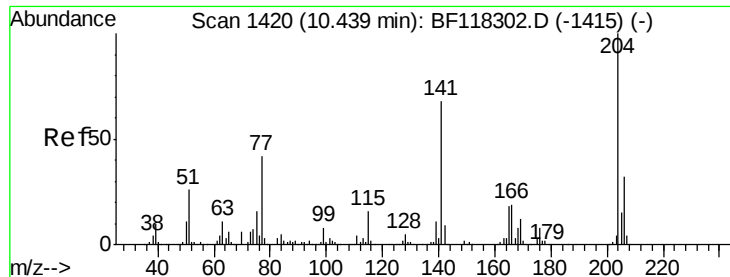
#60
 Diethylphthalate
 Concen: 47.917 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion:149 Resp: 725811
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.9 26.9
 150 12.8 10.2 15.2



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

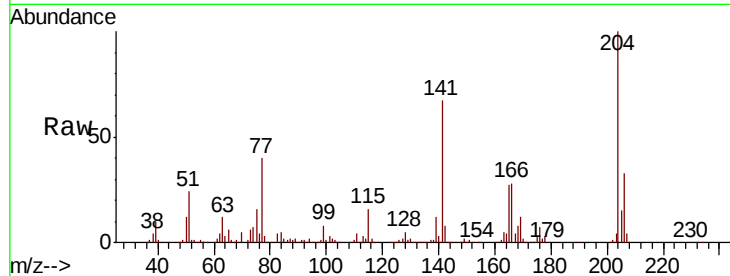




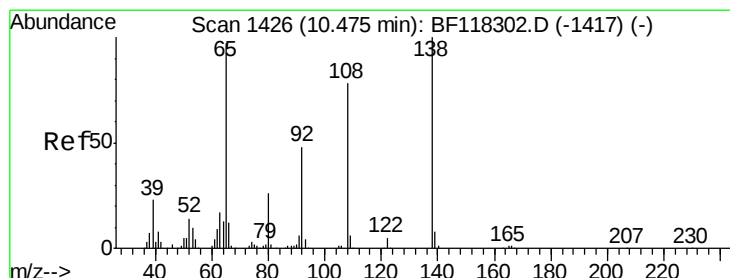
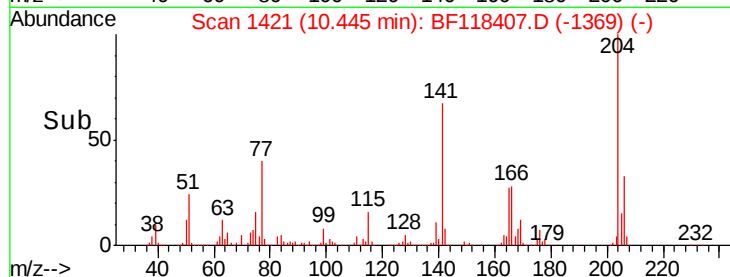
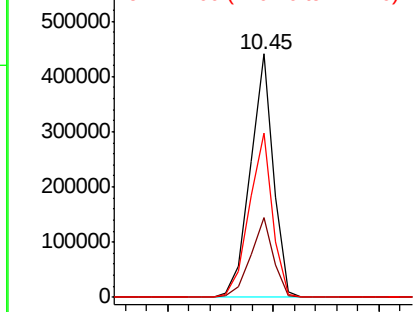
#61
4-Chlorophenyl-phenylether
Concen: 47.942 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 334846
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 67.2 54.2 81.4

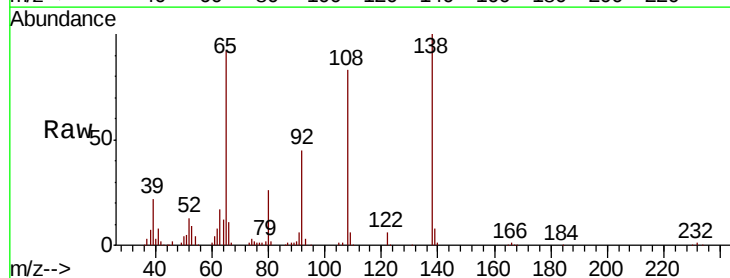


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

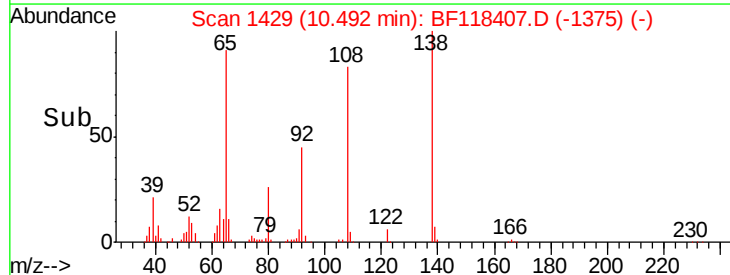
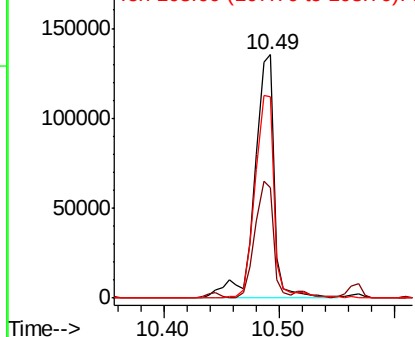


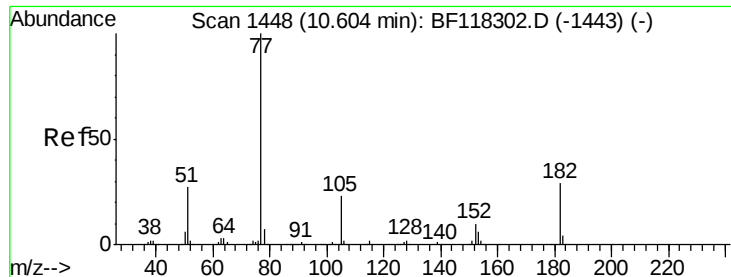
#62
4-Nitroaniline
Concen: 39.902 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:138 Resp: 160597
Ion Ratio Lower Upper
138 100
92 45.2 27.9 67.9
108 82.6 58.1 98.1



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: 49.116 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 637247

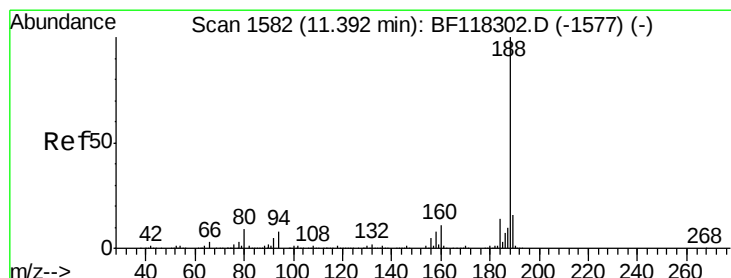
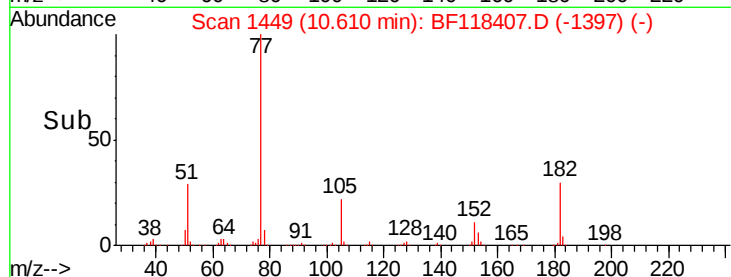
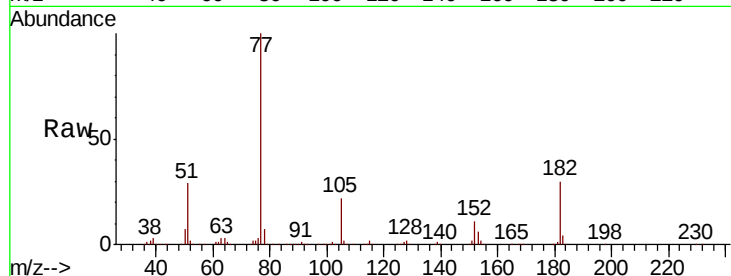
Ion	Ratio	Lower	Upper
77	100		
182	30.0	9.2	49.2
105	22.4	3.2	43.2
51	29.0	7.1	47.1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

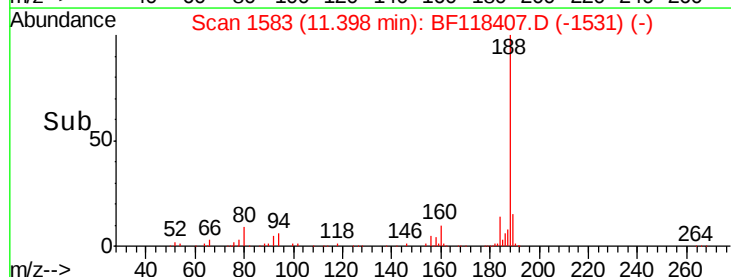
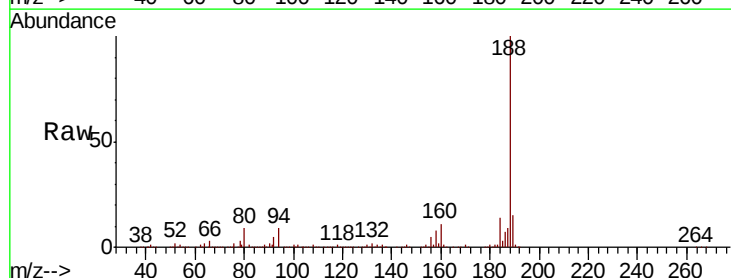
Tgt Ion: 188 Resp: 393430

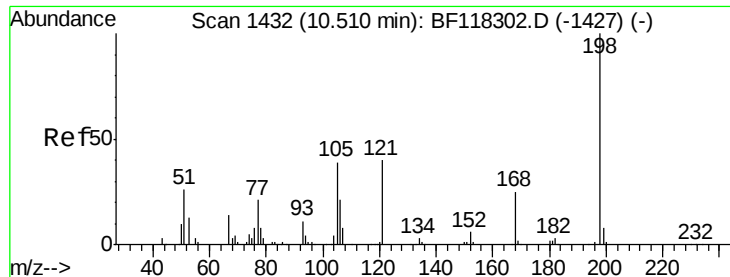
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.0	7.2	10.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

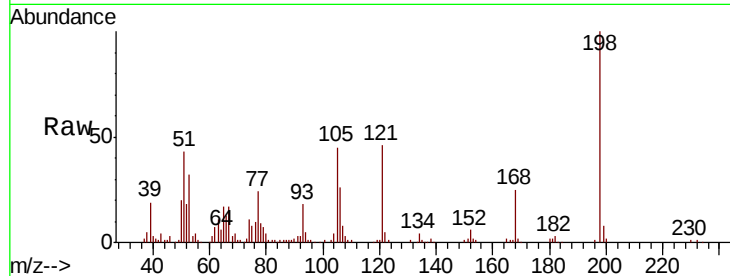




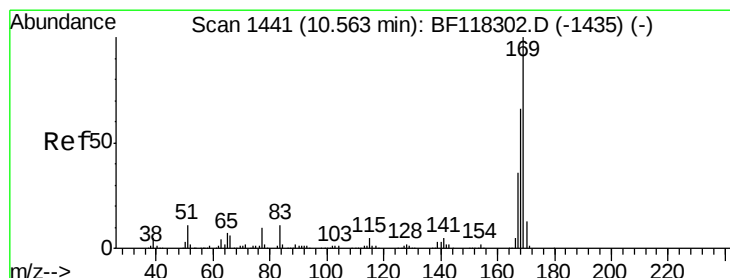
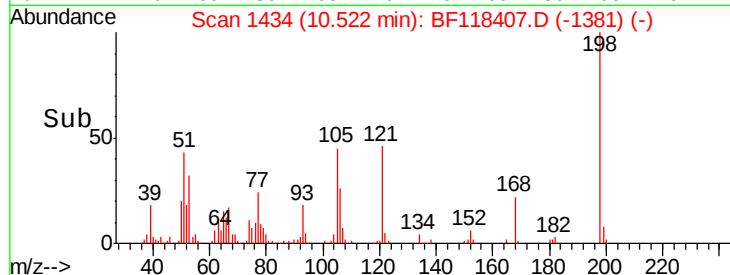
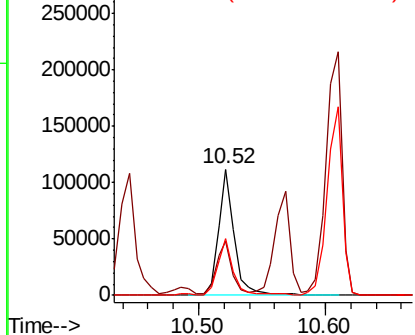
#65
4,6-Dinitro-2-methylphenol
Concen: 46.344 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 98362
Ion Ratio Lower Upper
198 100
51 43.3 12.8 52.8
105 44.8 20.3 60.3

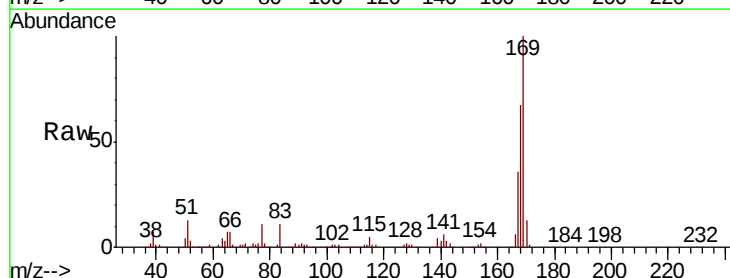


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

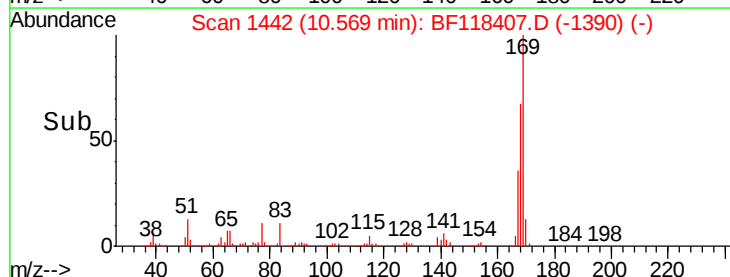
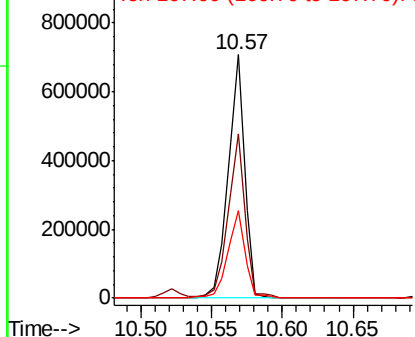


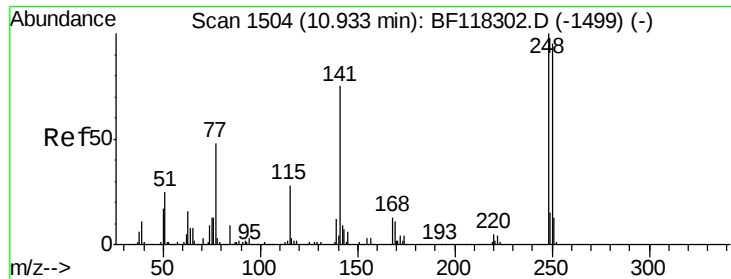
#66
n-Nitrosodiphenylamine
Concen: 45.875 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:169 Resp: 578449
Ion Ratio Lower Upper
169 100
168 67.3 52.6 79.0
167 36.0 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.817 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF118407.D

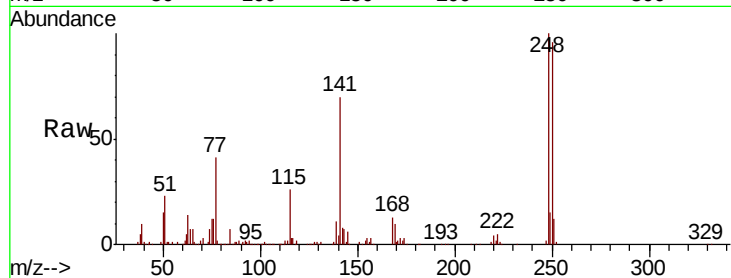
Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

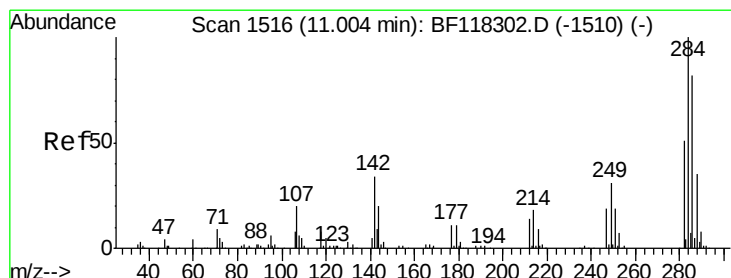
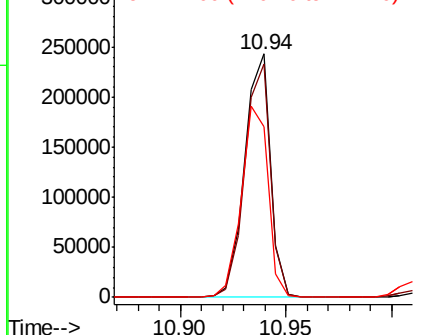
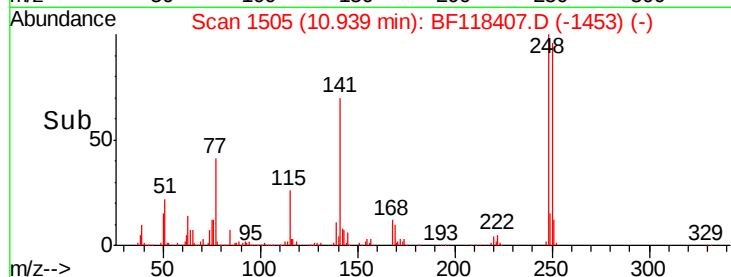
Tot Ion:248	Resp:	206350
Ion Ratio	Lower	Upper
248	100	
250	96.1	76.4 114.6
141	70.3	60.2 90.2



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: 43.303 ng

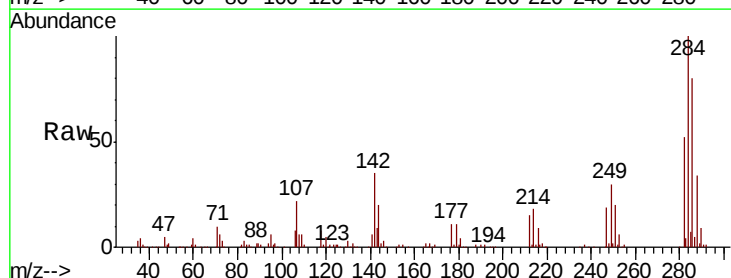
RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

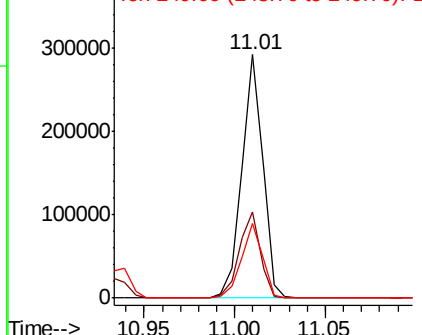
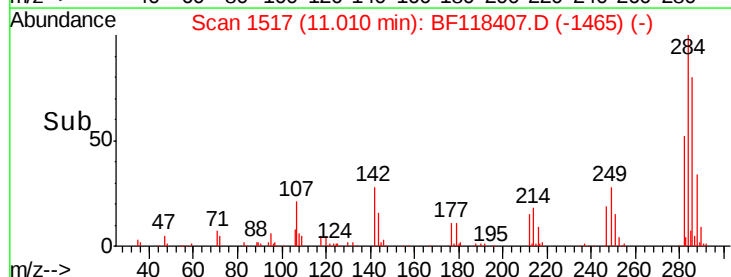
Tgt Ion:284	Resp:	234685
Ion Ratio	Lower	Upper
284	100	
142	35.2	27.3 40.9
249	30.5	25.0 37.6



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: 52.710 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

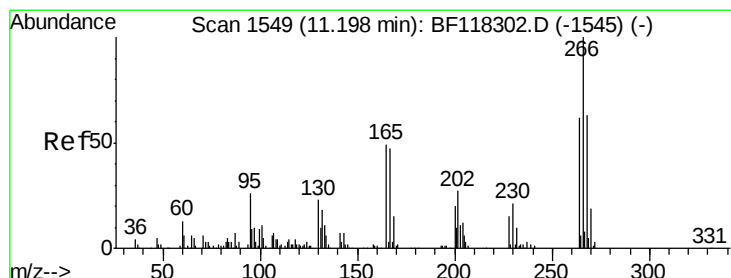
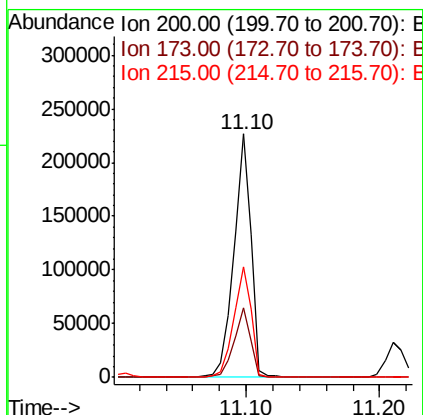
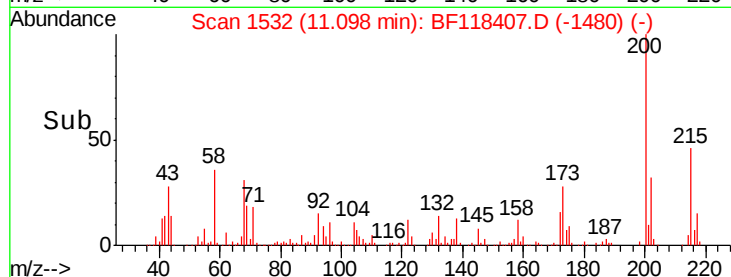
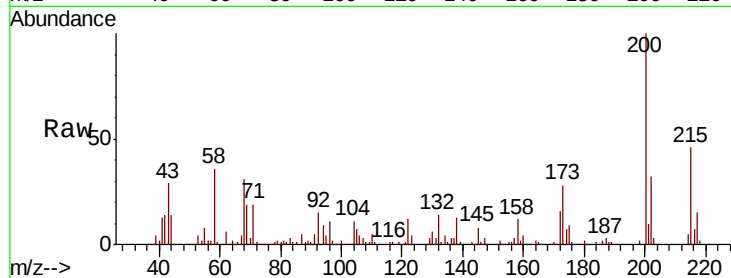
Tot Ion:200 Resp: 205131

Ion Ratio Lower Upper

200 100

173 28.4 5.8 45.8

215 45.6 25.1 65.1



#70

Pentachlorophenol

Concen: 80.979 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

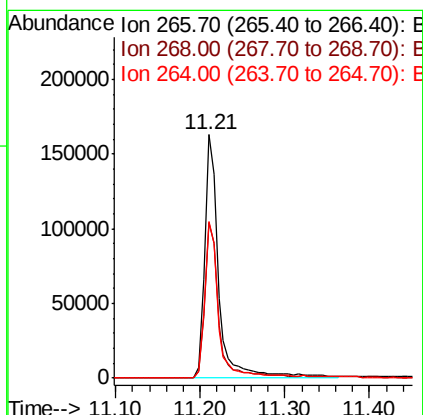
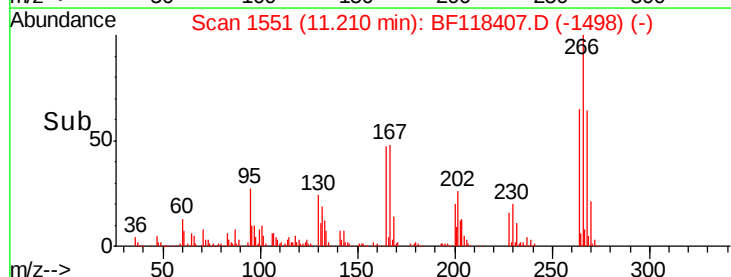
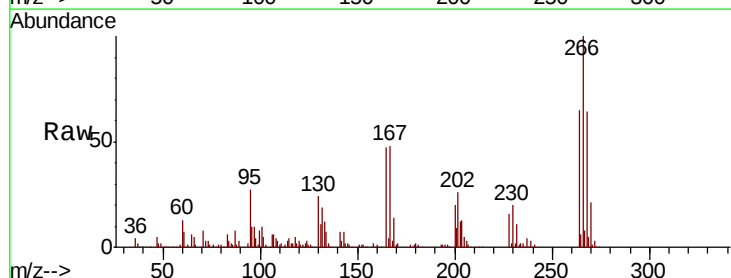
Tgt Ion:266 Resp: 190069

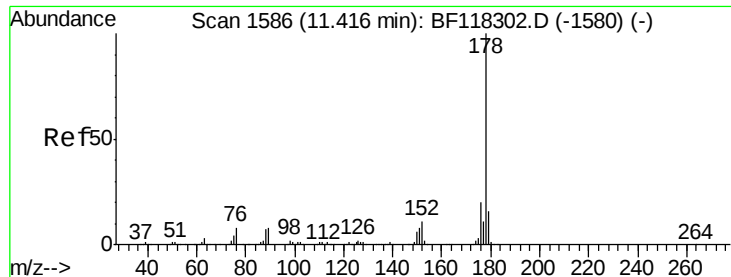
Ion Ratio Lower Upper

266 100

268 63.9 50.6 76.0

264 64.6 49.9 74.9

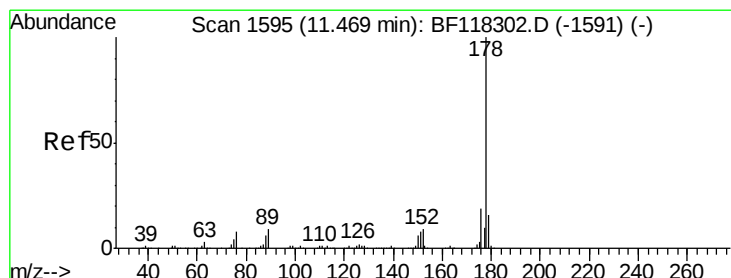
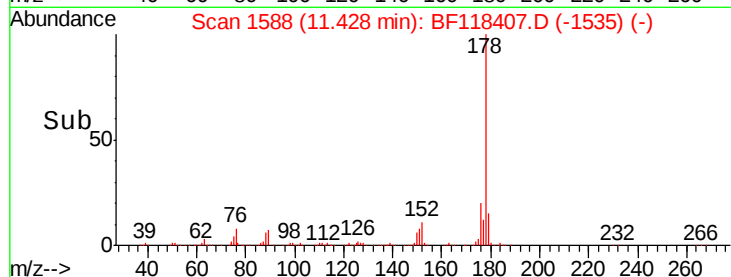
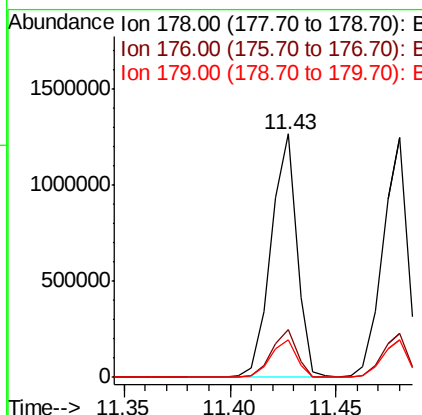
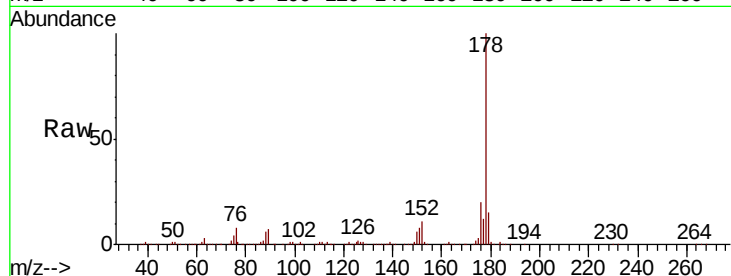




#71
Phenanthrene
Concen: 50.347 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

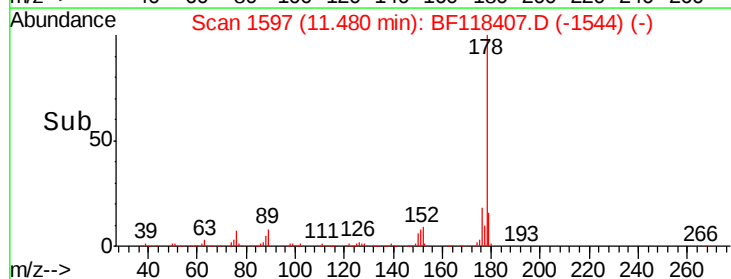
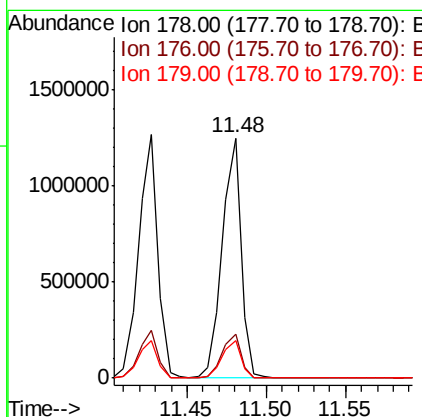
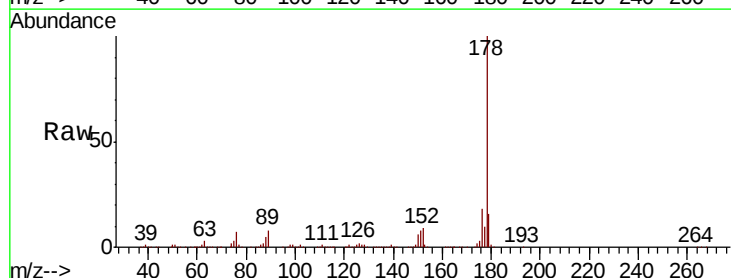
Instrument :
BNA_F
ClientSampleId :

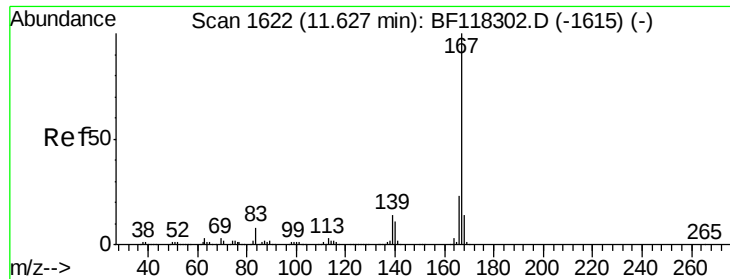
Tot Ion:178 Resp: 1079829
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 48.440 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:178 Resp: 1039916
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.6 12.9 19.3

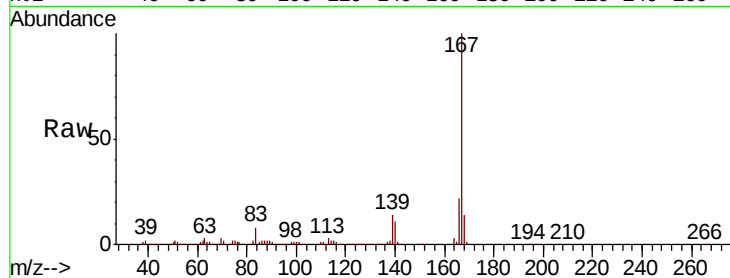




#73
 Carbazole
 Concen: 44.923 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	14.3	11.5	17.3

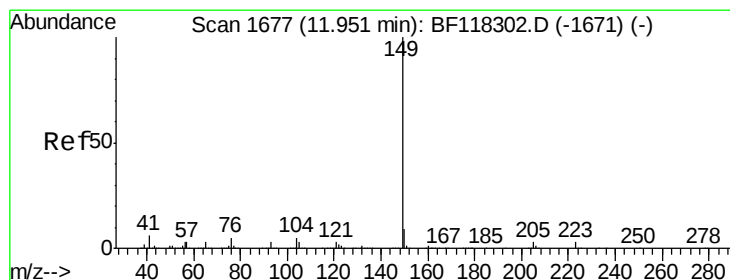
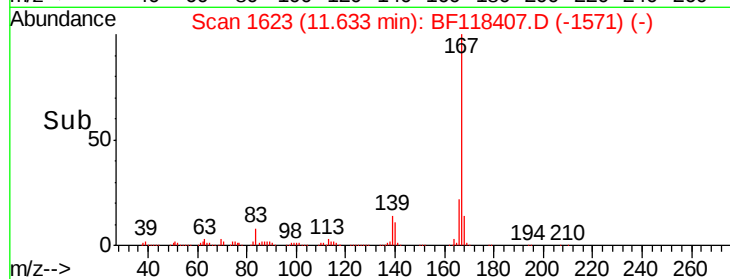
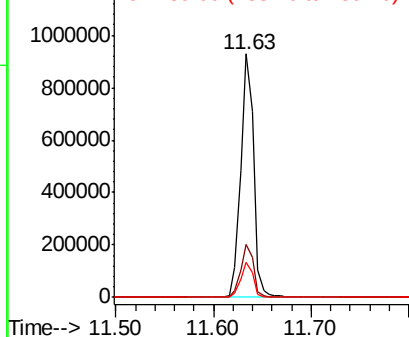


Abundance

Ion 167.00 (166.70 to 167.70): E

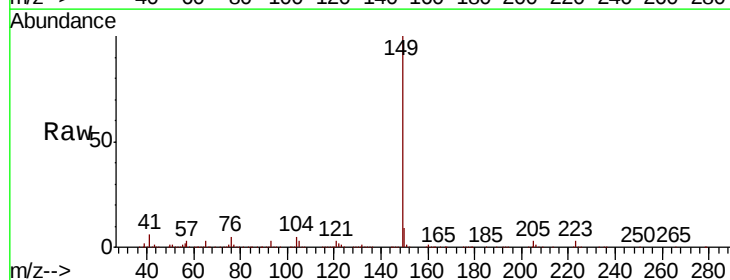
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.051 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.8	4.0	6.0

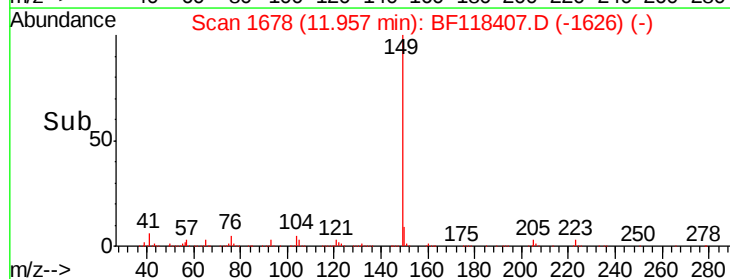
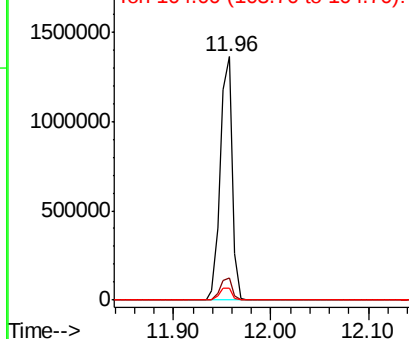


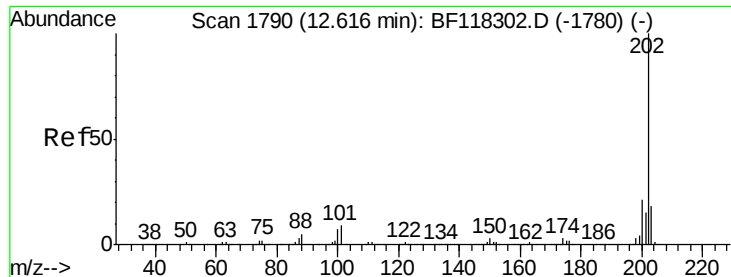
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.135 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

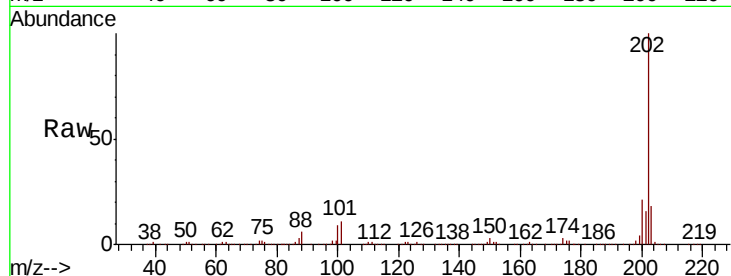
Tot Ion:202 Resp: 1085191

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.5
203	17.8	0.0	37.6

202 100

101 11.1 0.0 29.5

203 17.8 0.0 37.6

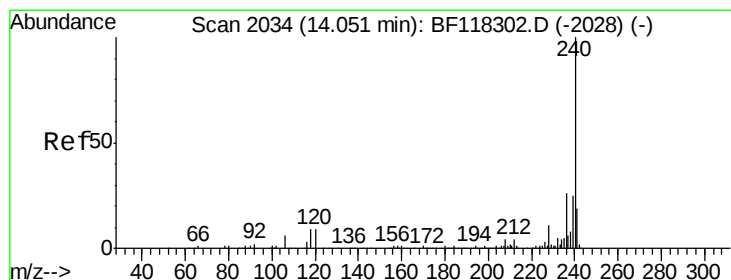
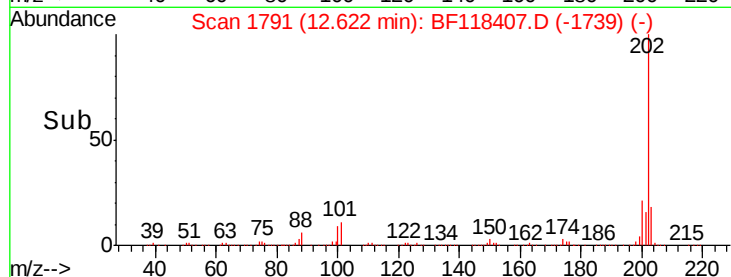
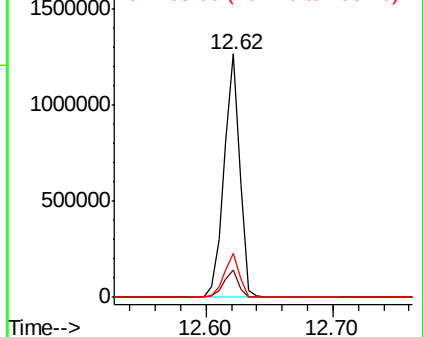


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

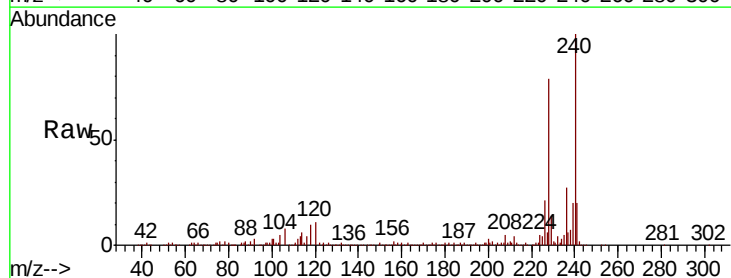
Tgt Ion:240 Resp: 237430

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7
236	26.7	21.0	31.6

240 100

120 10.7 7.1 10.7

236 26.7 21.0 31.6

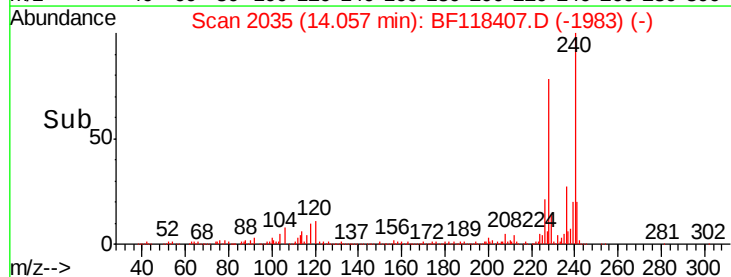
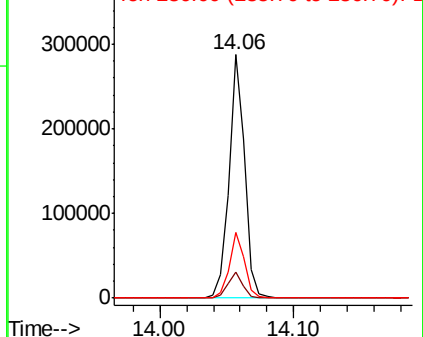


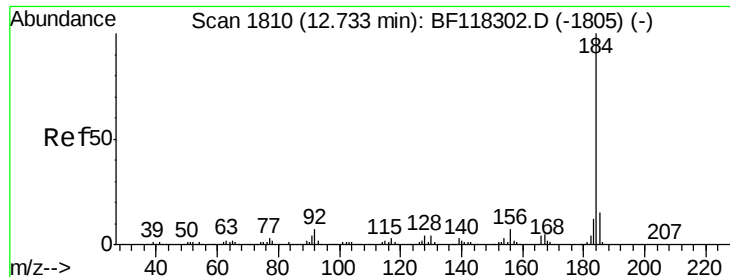
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.066 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

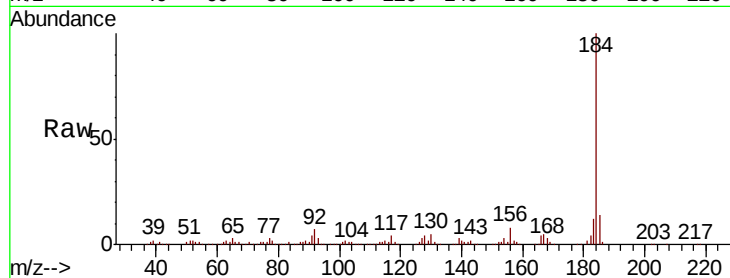
Tot Ion:184 Resp: 436311

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

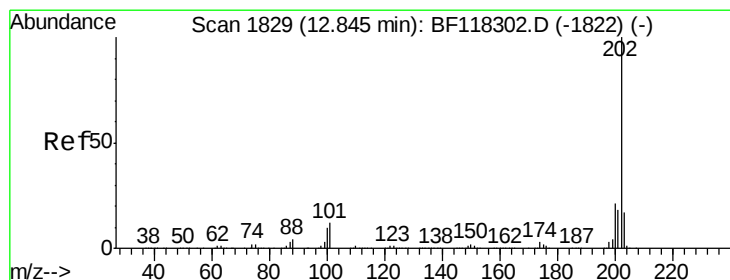
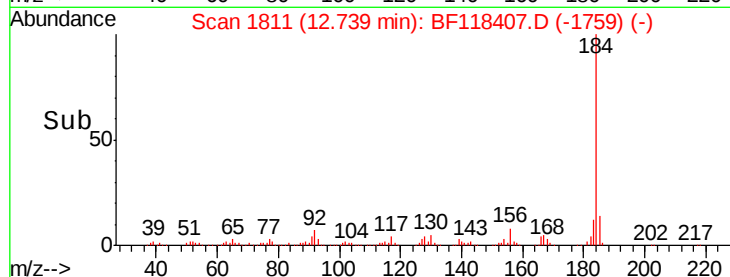
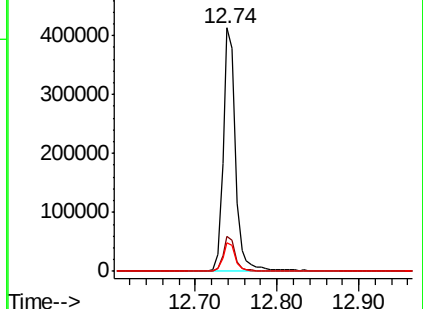
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.266 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

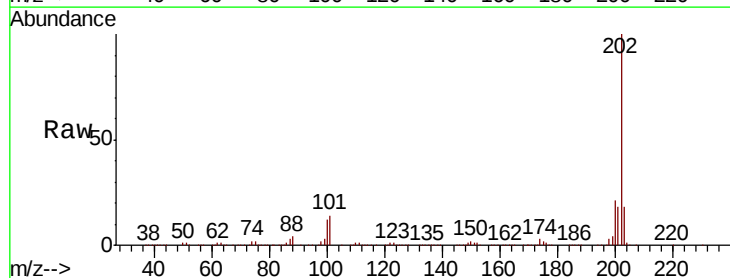
Tgt Ion:202 Resp: 1090926

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

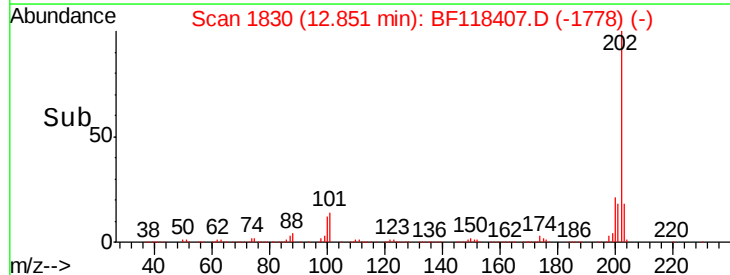
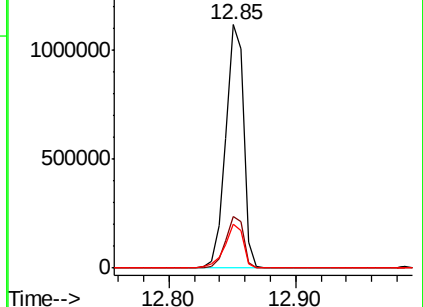
203 17.9 13.9 20.9

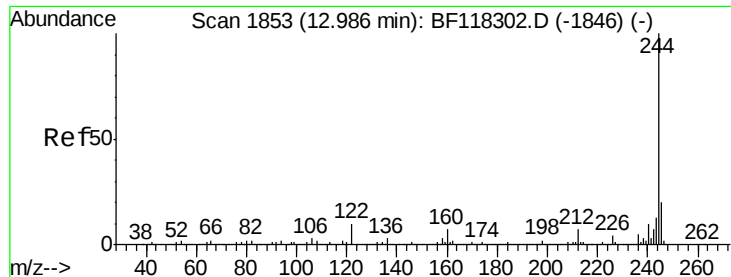


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.138 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampled :

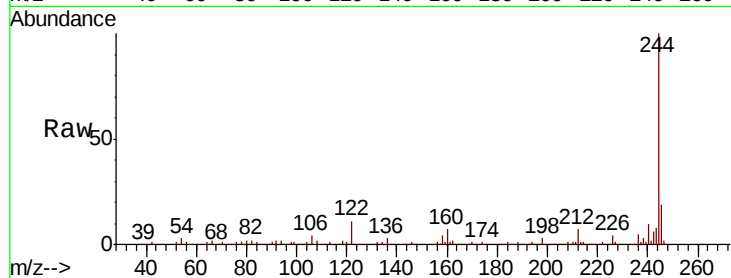
Tot Ion:244 Resp: 960844

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

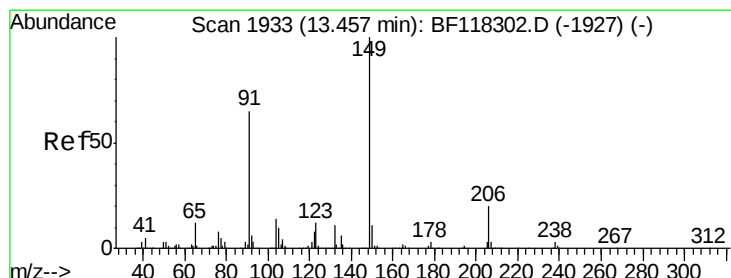
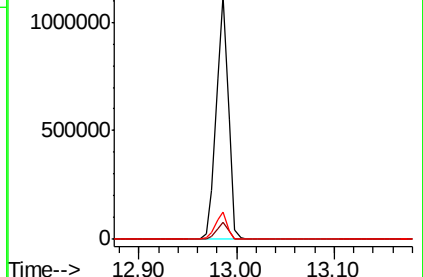
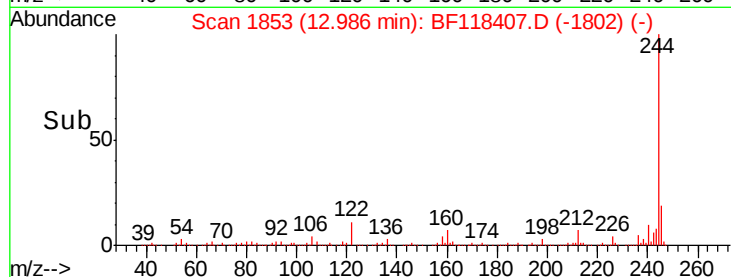
122 11.2 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.263 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

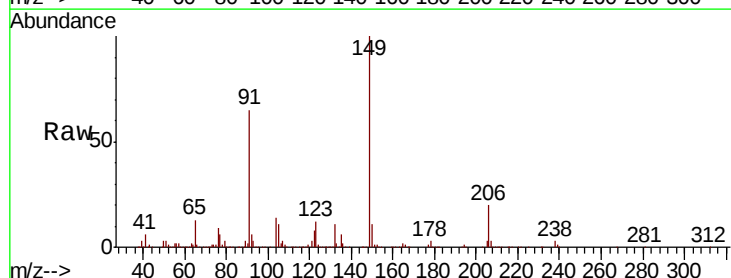
Tgt Ion:149 Resp: 464986

Ion Ratio Lower Upper

149 100

91 64.6 51.8 77.6

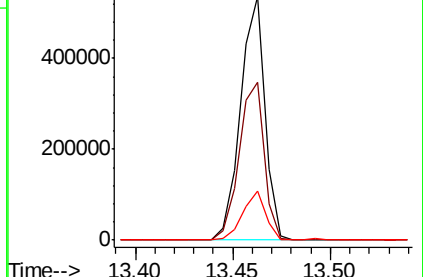
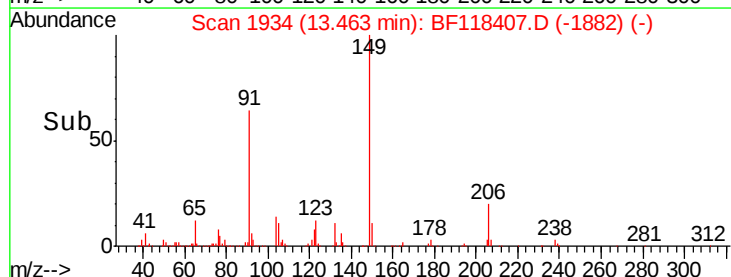
206 20.0 15.7 23.5

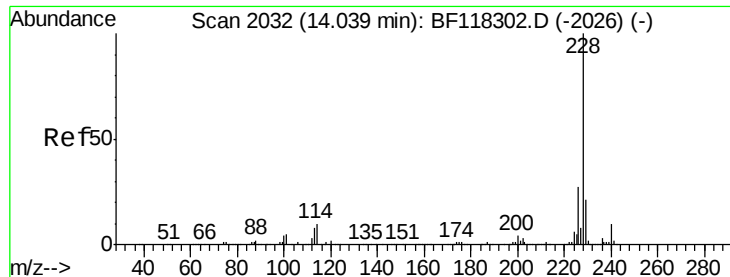


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.294 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

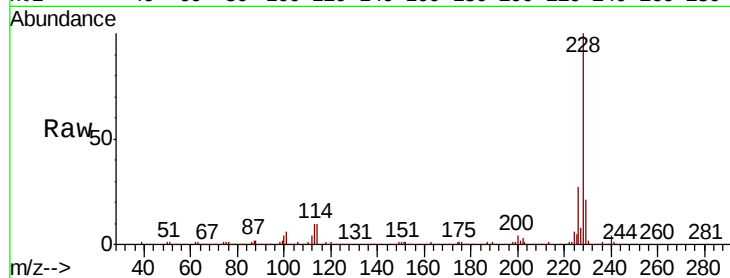
Tot Ion:228 Resp: 802619

Ion Ratio Lower Upper

228 100

226 26.5 22.0 33.0

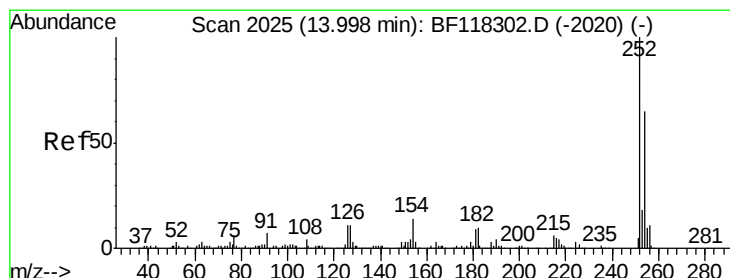
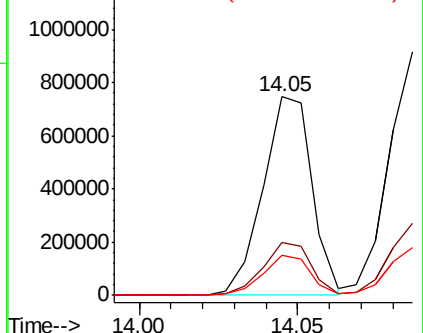
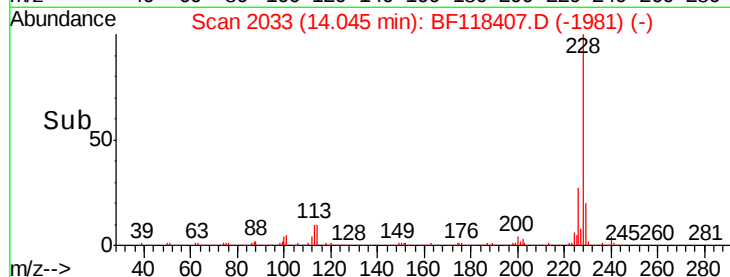
229 20.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.778 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

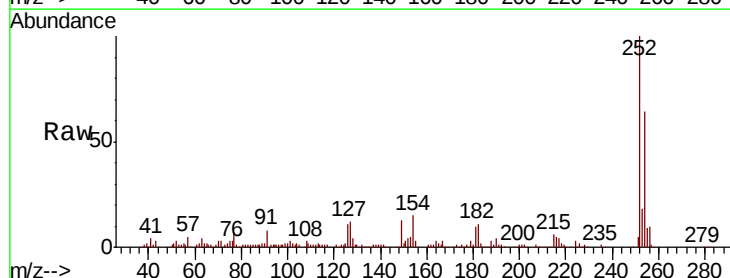
Tgt Ion:252 Resp: 190335

Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.8

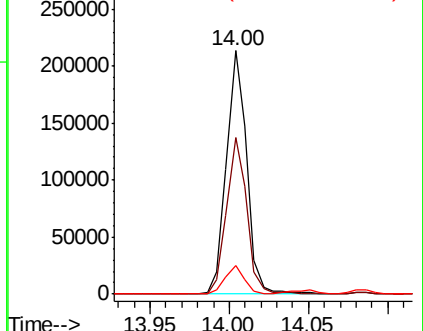
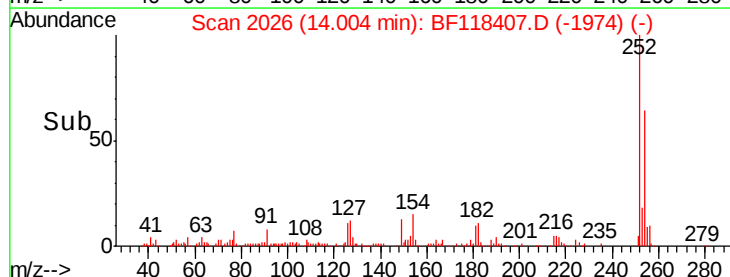
126 11.5 8.7 13.1

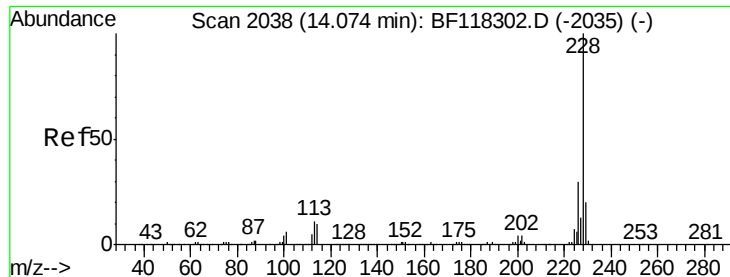


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.401 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

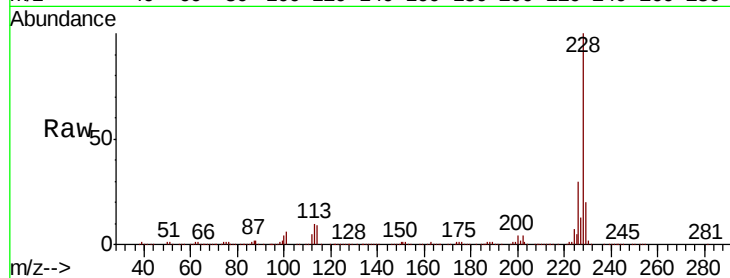
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 754316

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	16.1	24.1

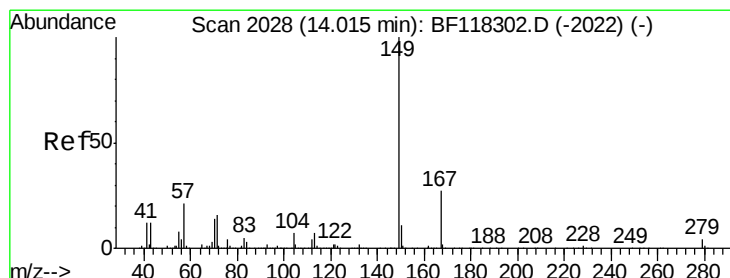
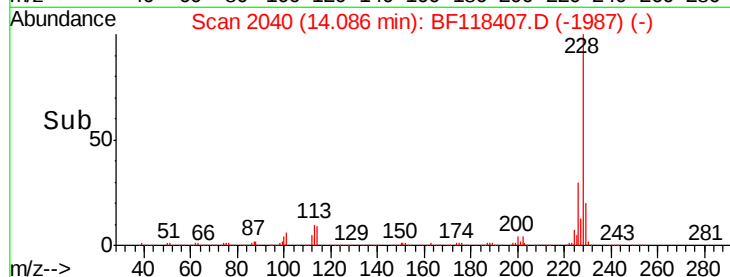
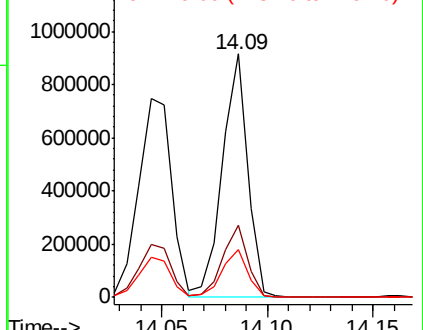


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.744 ng

RT: 14.02 min Scan# 2029

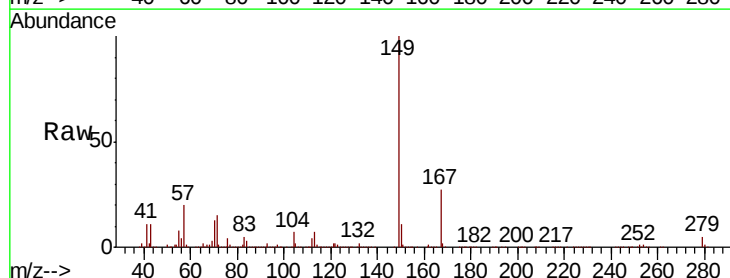
Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:149 Resp: 651379

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.5	3.4	5.2

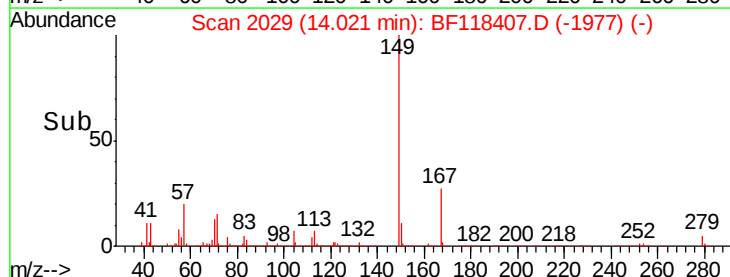
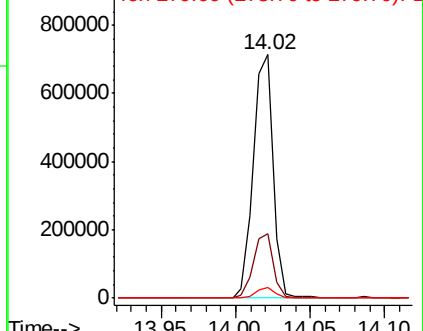


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 60.421 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampled :

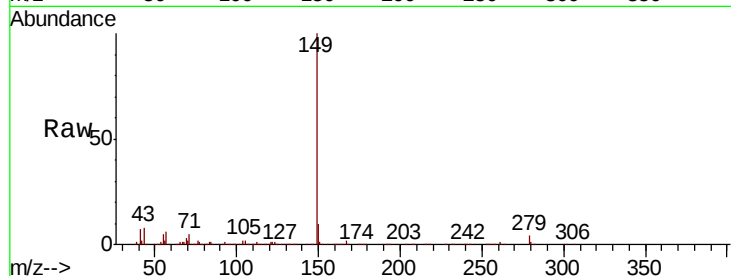
Tot Ion:149 Resp: 1020245

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

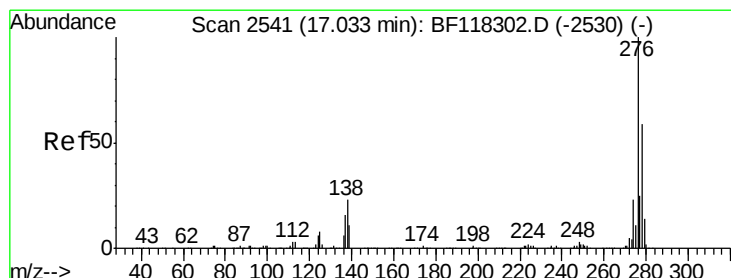
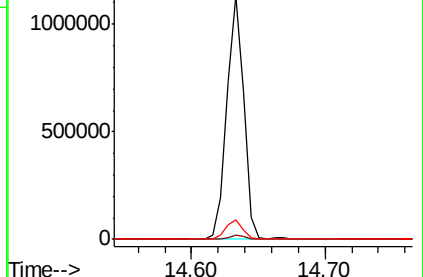
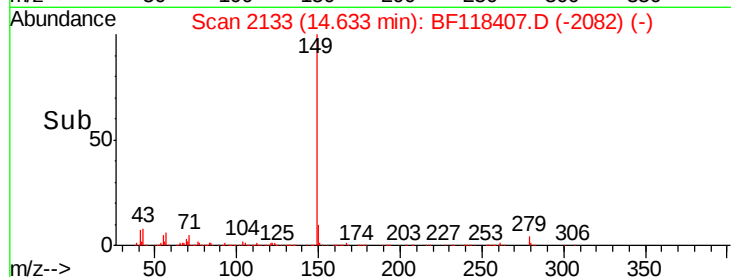
43 8.0 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.822 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

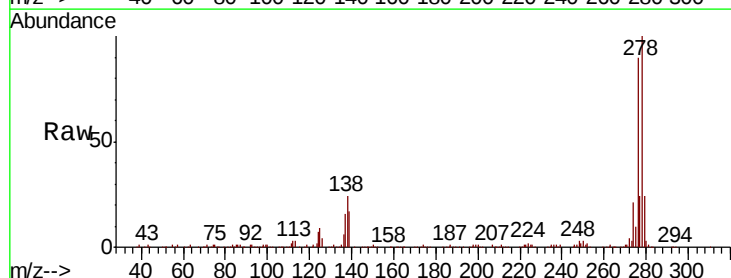
Tgt Ion:276 Resp: 689104

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

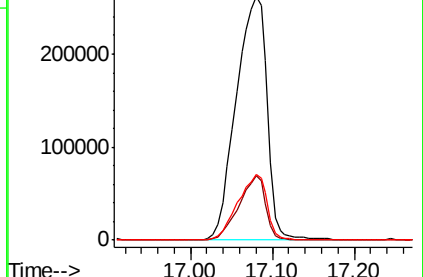
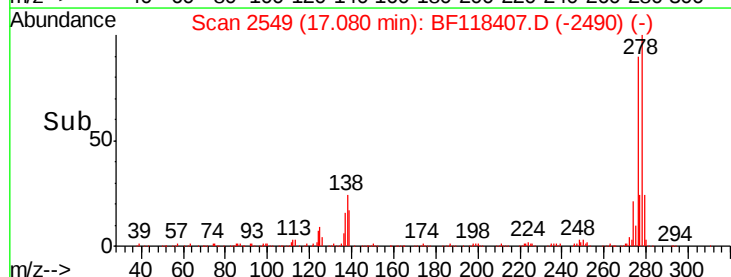
277 25.5 20.6 30.8

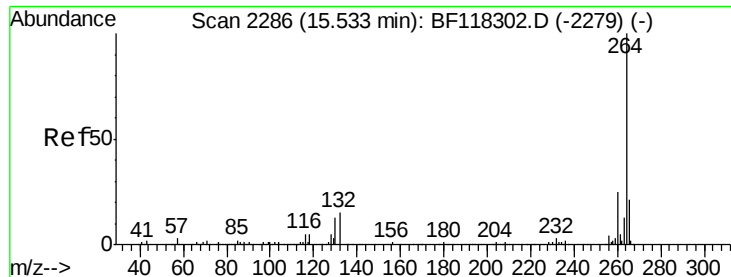


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

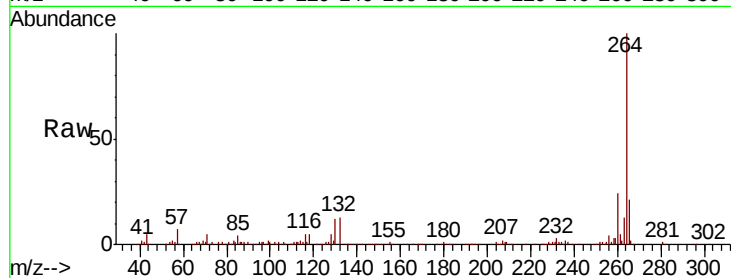
Tot Ion:264 Resp: 224058

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

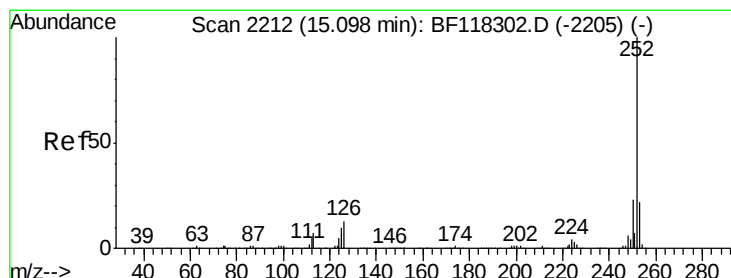
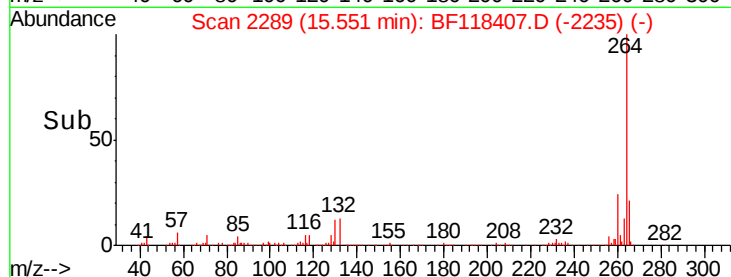
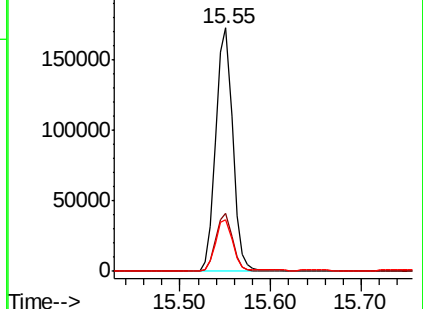
265 21.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.525 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.02 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

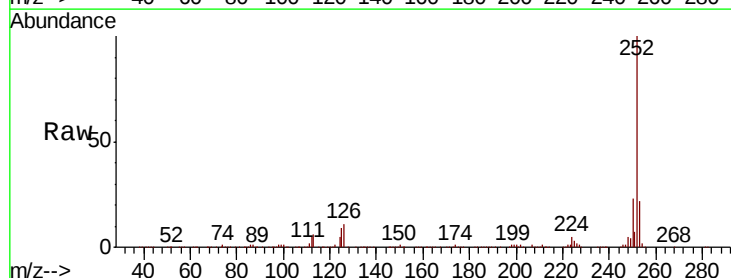
Tgt Ion:252 Resp: 736579

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

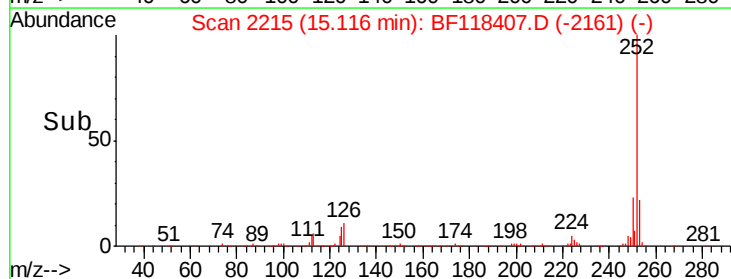
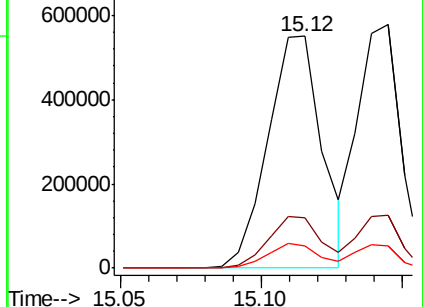
125 9.3 7.7 11.5

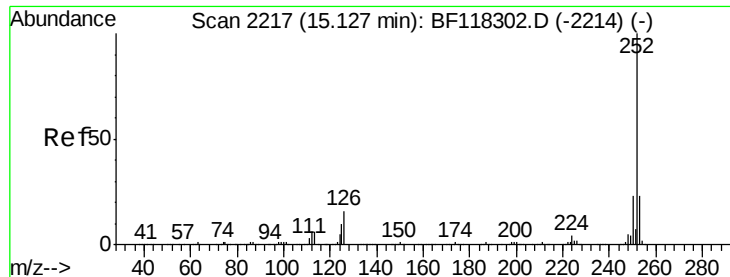


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

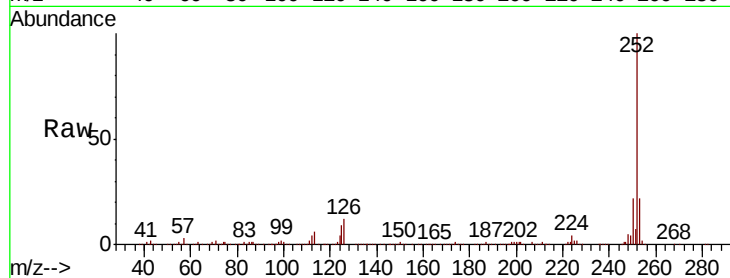




#89
Benzo(k)fluoranthene
Concen: 42.575 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.0	8.0	12.0

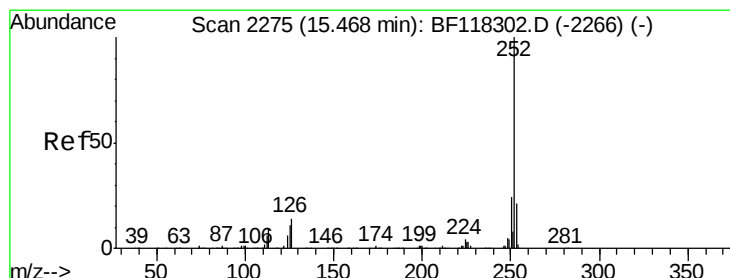
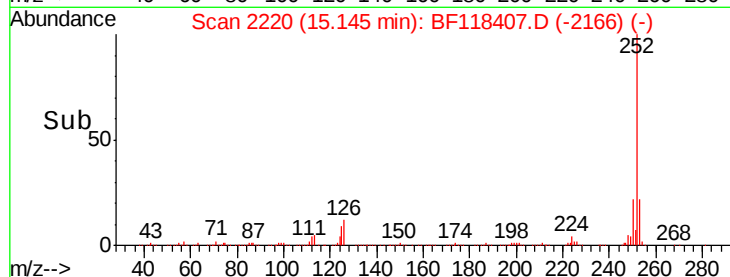
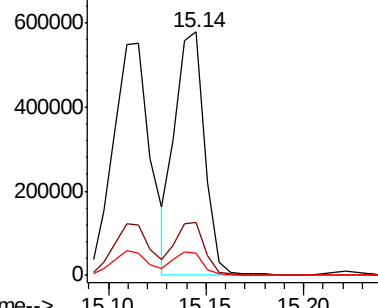


Abundance

Ion 252.00 (251.70 to 252.70): E

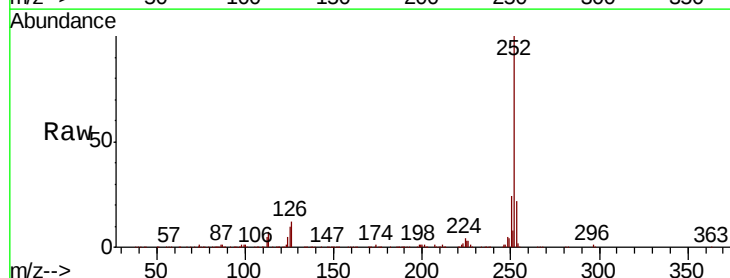
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.435 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.8	9.0	13.4

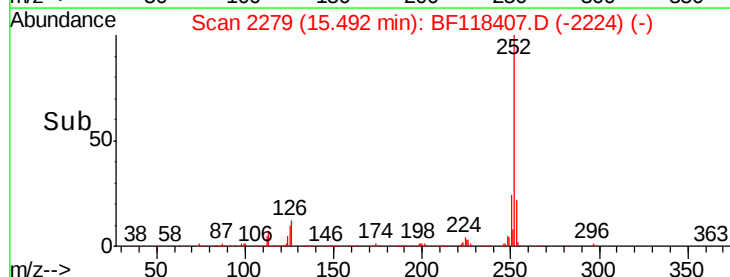
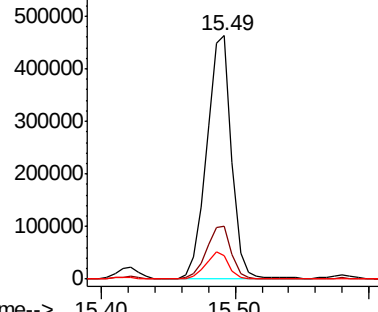


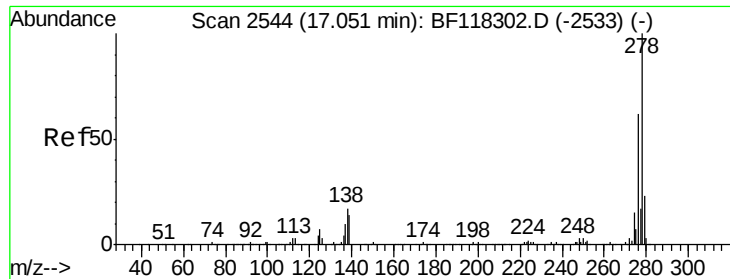
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.571 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.04 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

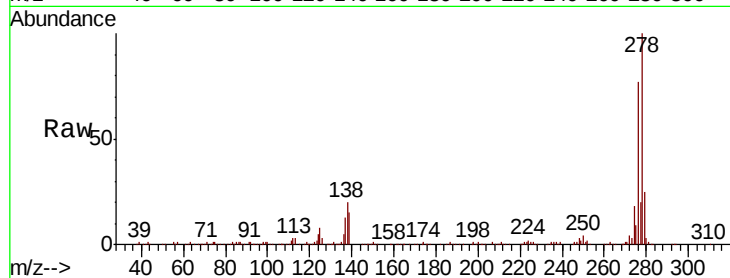
Tot Ion:278 Resp: 563603

Ion Ratio Lower Upper

278 100

139 15.5 11.5 17.3

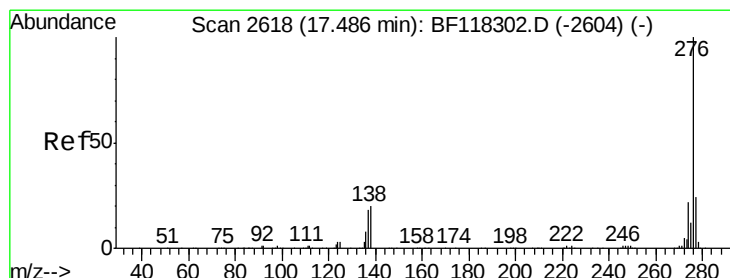
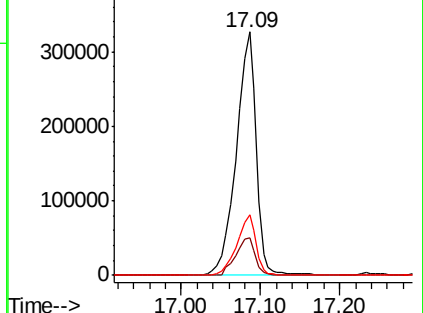
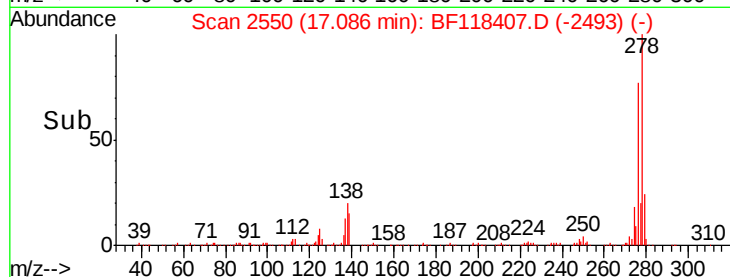
279 24.7 18.3 27.5



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: 49.931 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.05 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

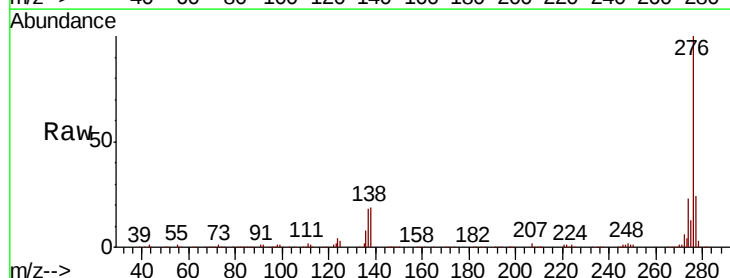
Tgt Ion:276 Resp: 548385

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.2 16.1 24.1



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

