

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118593.D
 Acq On : 20 Jan 2020 16:03
 Operator : CG/JU
 Sample : PB126190BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:40:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	445150	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1668823	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	975334	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1815019	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1445424	20.00	ng	0.00
87) Perylene-d12	15.52	264	1264426	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2984005	124.50	ng	0.01
7) Phenol-d6	6.51	99	3917620	125.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	2260590	75.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1428462	126.63	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4239026	71.44	ng	0.00
79) Terphenyl-d14	12.99	244	4946491	74.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	467571	40.277	ng	99
3) Pyridine	3.51	79	1152982	35.238	ng	100
4) n-Nitrosodimethylamine	3.45	42	575930	41.056	ng	96
6) Aniline	6.54	93	1414075	34.473	ng	100
8) 2-Chlorophenol	6.67	128	1213582	45.110	ng	100
9) Benzaldehyde	6.43	77	652176	34.423	ng	95
10) Phenol	6.52	94	1535304	43.246	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1118446	42.462	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1318132	41.861	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1311081	41.479	ng	98
14) 1,2-Dichlorobenzene	7.05	146	1246570	41.952	ng	99
15) Benzyl Alcohol	7.02	79	1103824	44.681	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1493236	40.700	ng	100
17) 2-Methylphenol	7.13	107	1006869	44.931	ng	100
18) Hexachloroethane	7.40	117	477523	41.663	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	907410	43.138	ng	99
20) 3+4-Methylphenols	7.28	107	1258522	45.999	ng	# 89
22) Acetophenone	7.29	105	1643245	41.567	ng	# 95
24) Nitrobenzene	7.46	77	1312665	42.968	ng	99
25) Isophorone	7.70	82	2383186	43.793	ng	100
26) 2-Nitrophenol	7.77	139	596650	45.799	ng	95
27) 2,4-Dimethylphenol	7.82	122	1171915	52.094	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	1449016	41.325	ng	99
29) 2,4-Dichlorophenol	8.02	162	1092256	43.921	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1184356	41.074	ng	99
31) Naphthalene	8.19	128	3347500	44.405	ng	99
32) Benzoic acid	7.93	122	746879	44.237	ng	98
33) 4-Chloroaniline	8.23	127	755418	21.680	ng	98
34) Hexachlorobutadiene	8.31	225	686412	39.090	ng	99
35) Caprolactam	8.60	113	170303	20.926	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	1109848	45.194	ng	100
37) 2-Methylnaphthalene	8.88	142	2420256	45.483	ng	99
38) 1-Methylnaphthalene	8.98	142	2286854	45.236	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1212924	39.745	ng	98

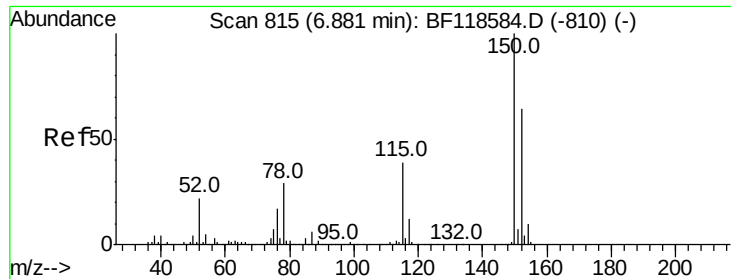
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118593.D
 Acq On : 20 Jan 2020 16:03
 Operator : CG/JU
 Sample : PB126190BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:40:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1484349	96.404	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	861467	42.540	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	889585	43.012	ng	99
46) 1,1'-Biphenyl	9.35	154	2840637	42.259	ng	99
47) 2-Chloronaphthalene	9.37	162	2344732	41.384	ng	99
48) 2-Nitroaniline	9.46	65	715110	41.059	ng	96
49) Acenaphthylene	9.79	152	3514245	44.090	ng	100
50) Dimethylphthalate	9.65	163	2659400	41.851	ng	100
51) 2,6-Dinitrotoluene	9.70	165	634437	44.587	ng	94
52) Acenaphthene	9.96	154	2464984	46.249	ng	99
53) 3-Nitroaniline	9.86	138	437063	26.899	ng	96
54) 2,4-Dinitrophenol	9.97	184	567785	99.950	ng	# 36
55) Dibenzofuran	10.13	168	3216234	43.545	ng	99
56) 4-Nitrophenol	10.03	139	1134706	92.510	ng	92
57) 2,4-Dinitrotoluene	10.10	165	829806	46.259	ng	96
58) Fluorene	10.47	166	2548868	43.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	788817	43.362	ng	98
60) Diethylphthalate	10.34	149	2617577	42.486	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1352441	42.885	ng	99
62) 4-Nitroaniline	10.49	138	651784	39.107	ng	98
63) Azobenzene	10.62	77	2640575	44.255	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	389760	48.835	ng	98
66) n-Nitrosodiphenylamine	10.58	169	2331345	42.592	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	932133	41.569	ng	94
68) Hexachlorobenzene	11.02	284	1025952	40.355	ng	97
69) Atrazine	11.10	200	844710	44.524	ng	99
70) Pentachlorophenol	11.21	266	1225586	86.708	ng	98
71) Phenanthrene	11.43	178	3742123	42.736	ng	99
72) Anthracene	11.49	178	3767377	43.481	ng	99
73) Carbazole	11.63	167	3394371	42.711	ng	99
74) Di-n-butylphthalate	11.97	149	3750933	42.481	ng	98
75) Fluoranthene	12.62	202	3907051	42.305	ng	98
77) Benzidine	12.73	184	2302105	59.608	ng	96
78) Pyrene	12.85	202	3995672	40.718	ng	99
80) Butylbenzylphthalate	13.47	149	1646733	41.003	ng	98
81) Benzo(a)anthracene	14.03	228	3611493	41.535	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	849035	27.403	ng	99
83) Chrysene	14.07	228	3459013	41.508	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2113660	43.078	ng	100
85) Di-n-octyl phthalate	14.64	149	3315864	45.656	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2892293	39.944	ng	100
88) Benzo(b)fluoranthene	15.09	252	3239327	40.757	ng	99
89) Benzo(k)fluoranthene	15.12	252	3198357	43.436	ng	98
90) Benzo(a)pyrene	15.45	252	2832314	41.311	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2447236	40.353	ng	99
92) Benzo(g,h,i)perylene	17.44	276	2374288	40.322	ng	99

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

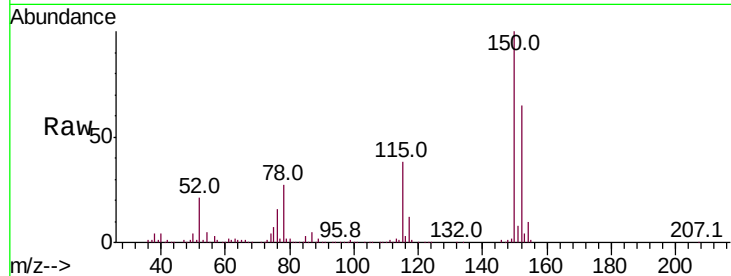


#1

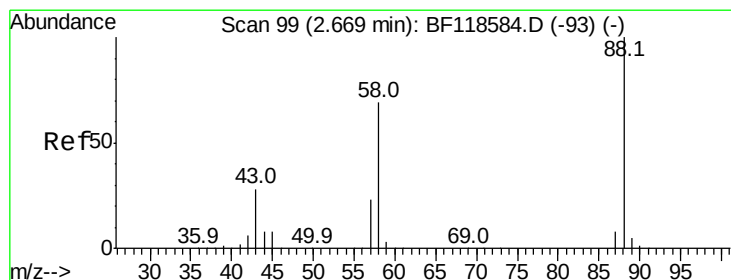
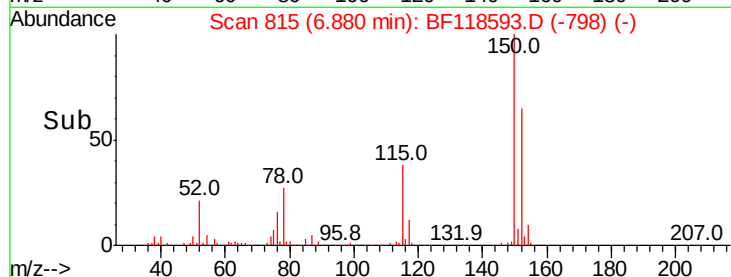
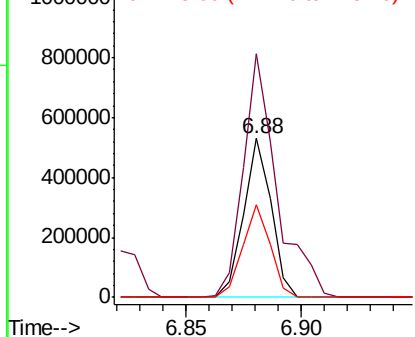
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 445150
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 58.1 48.4 72.6



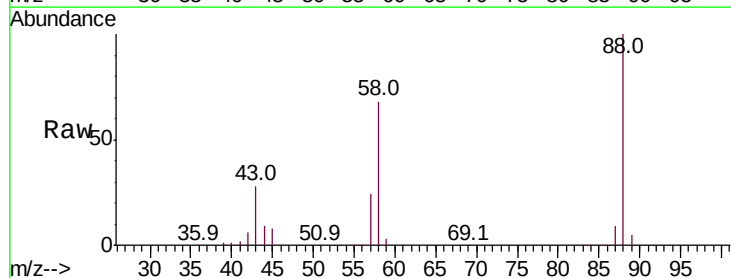
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



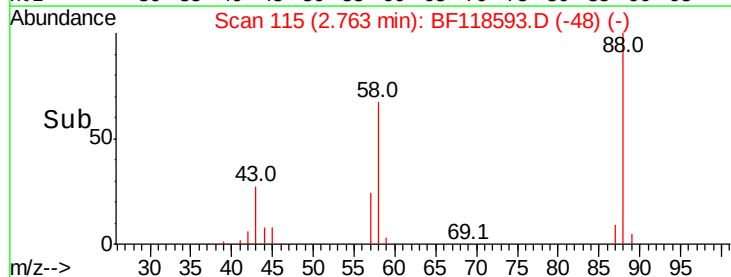
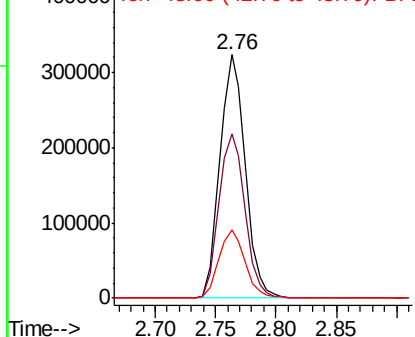
#2

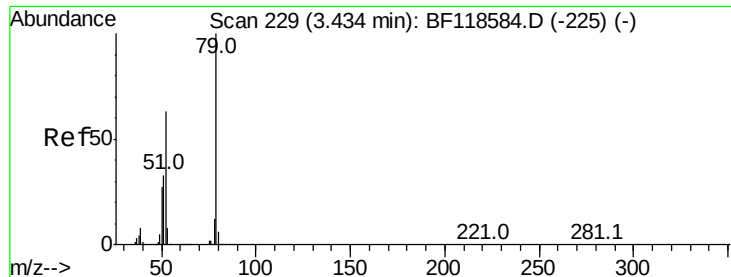
1,4-Dioxane
Concen: 40.277 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion: 88 Resp: 467571
Ion Ratio Lower Upper
88 100
58 69.3 56.1 84.1
43 28.3 23.0 34.6



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: 35.238 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

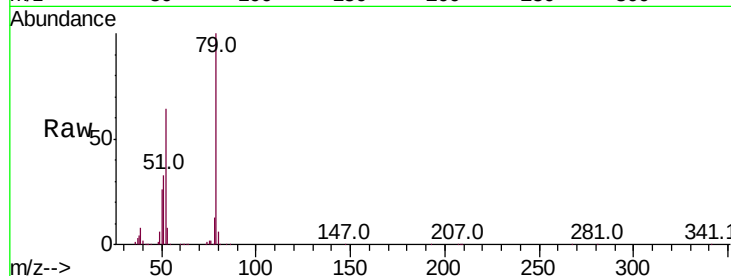
Tot Ion: 79 Resp: 1152982

Ion Ratio Lower Upper

79 100

52 63.7 50.7 76.1

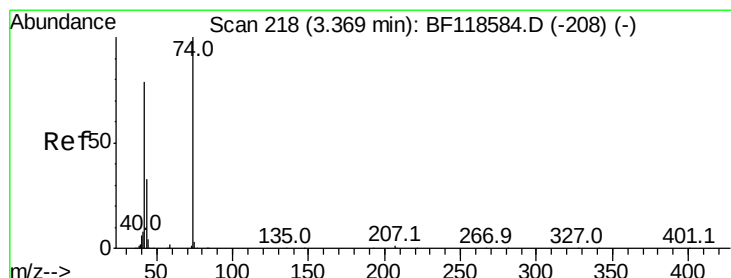
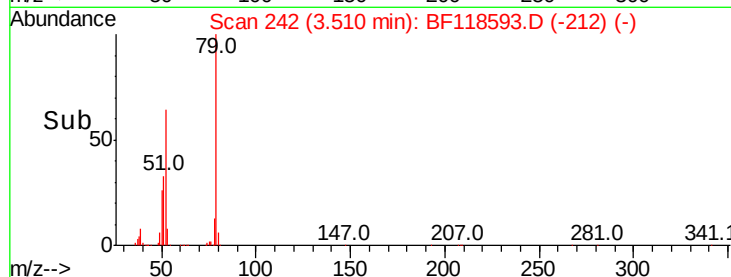
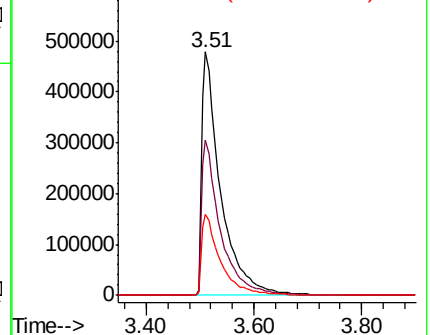
51 33.4 26.6 40.0



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: 41.056 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

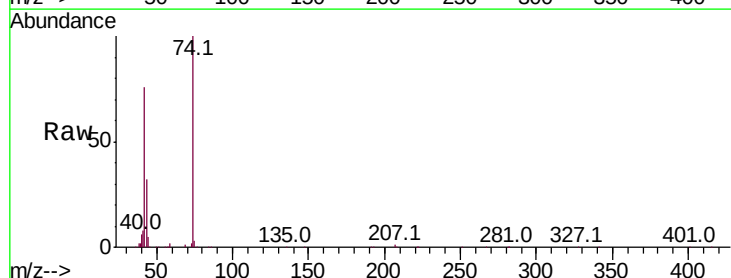
Tgt Ion: 42 Resp: 575930

Ion Ratio Lower Upper

42 100

74 132.1 101.6 152.4

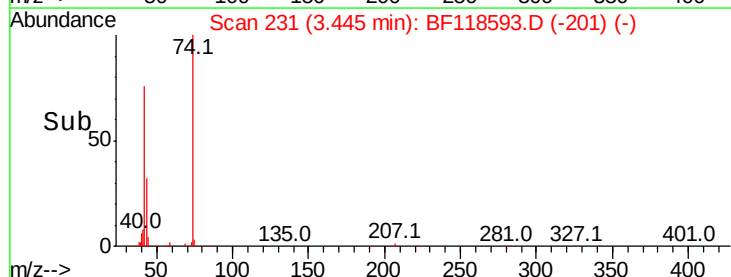
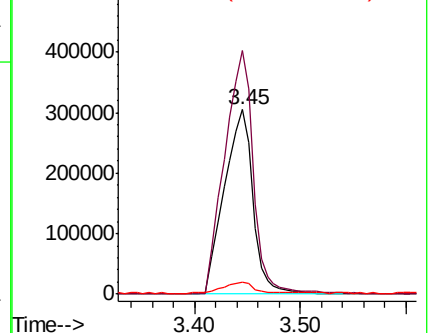
44 6.3 4.9 7.3

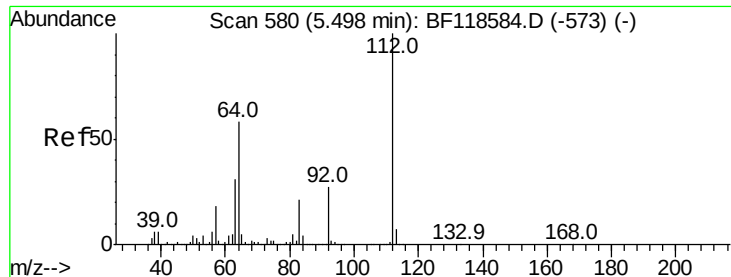


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.499 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

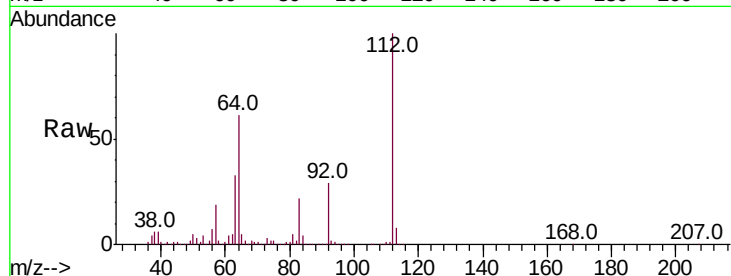
Tot Ion:112 Resp: 2984005

Ion Ratio Lower Upper

112 100

64 61.1 46.6 70.0

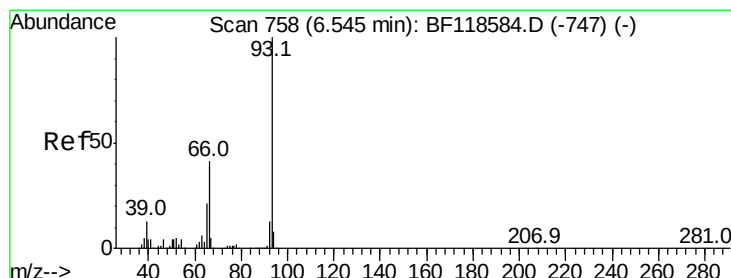
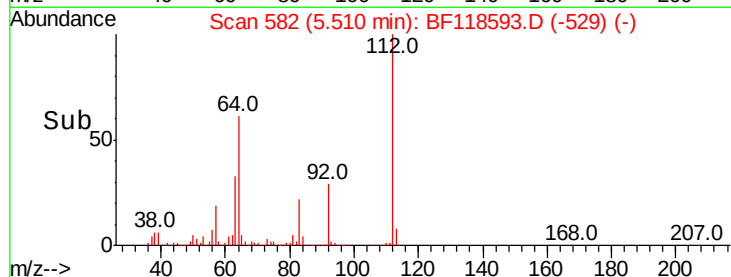
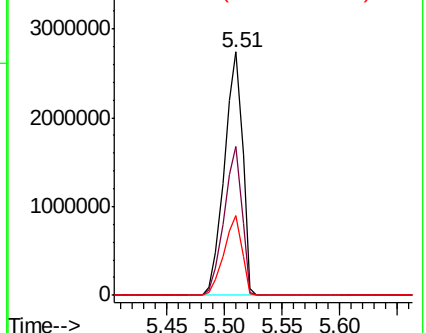
63 32.7 25.1 37.7



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: 34.473 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

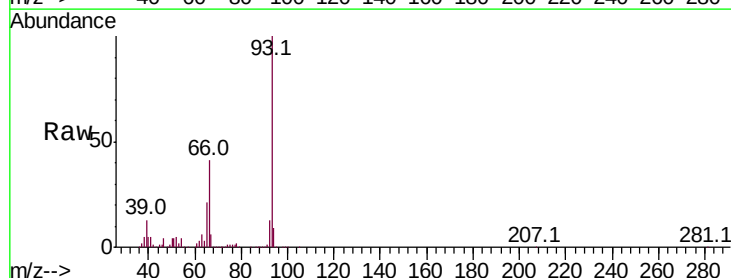
Tgt Ion: 93 Resp: 1414075

Ion Ratio Lower Upper

93 100

66 41.2 32.8 49.2

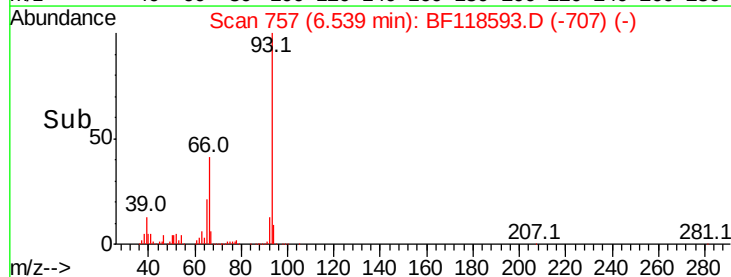
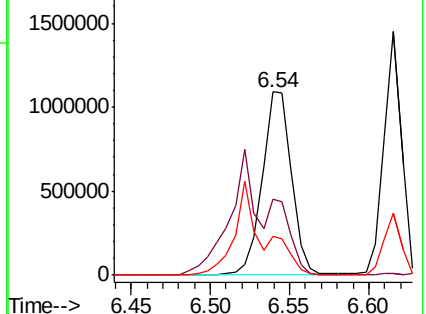
65 21.0 16.5 24.7

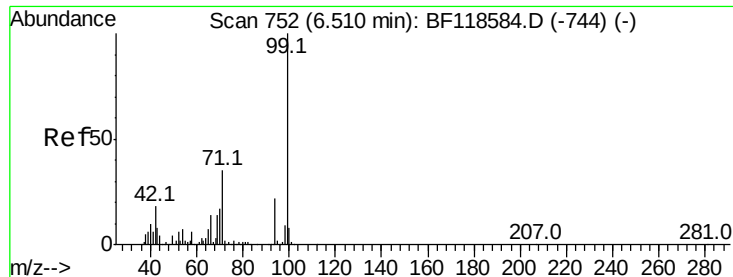


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.756 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

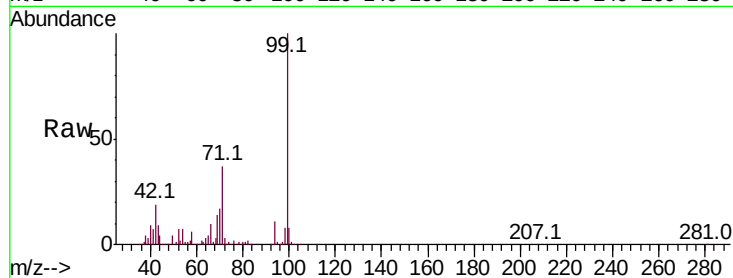
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3917620

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.2	21.2
71	37.0	27.8	41.6

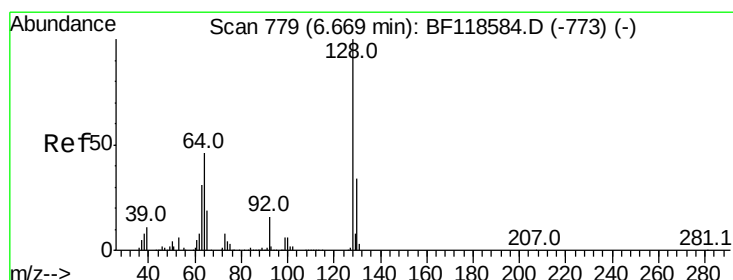
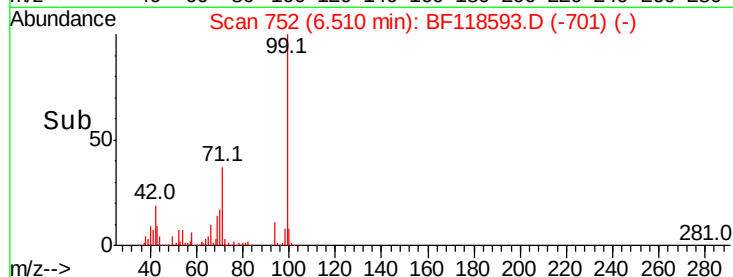
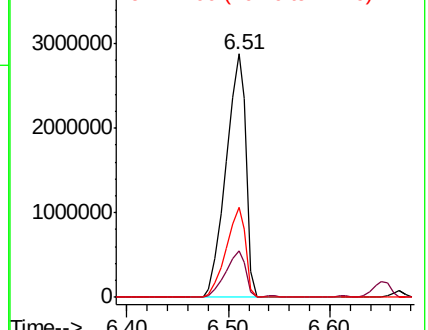


Abundance

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: 45.110 ng

RT: 6.67 min Scan# 779

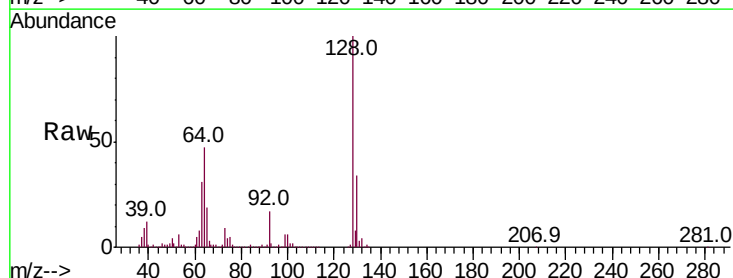
Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion: 128 Resp: 1213582

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.6	53.6
64	46.5	26.4	66.4

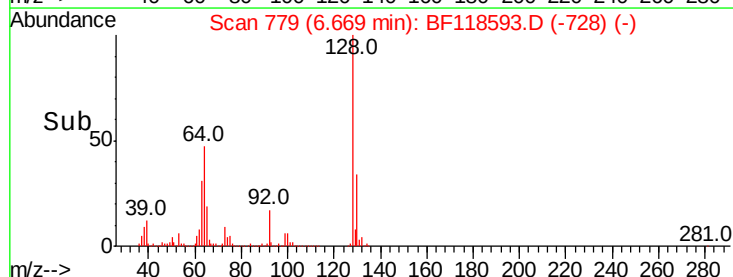
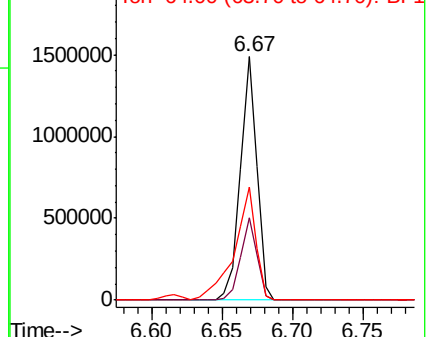


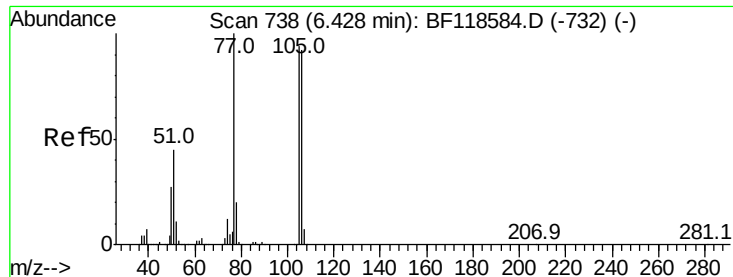
Abundance

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: 34.423 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

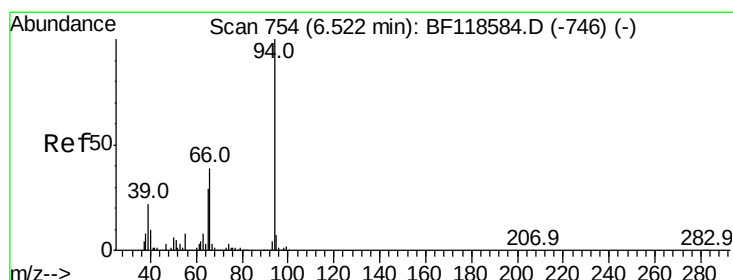
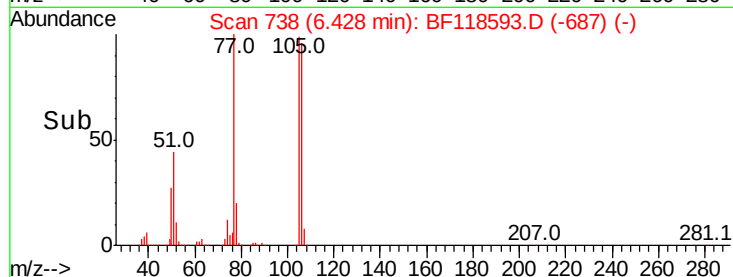
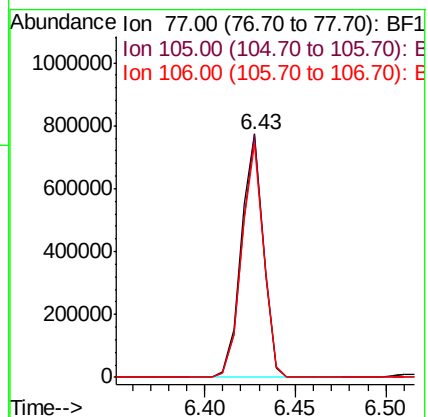
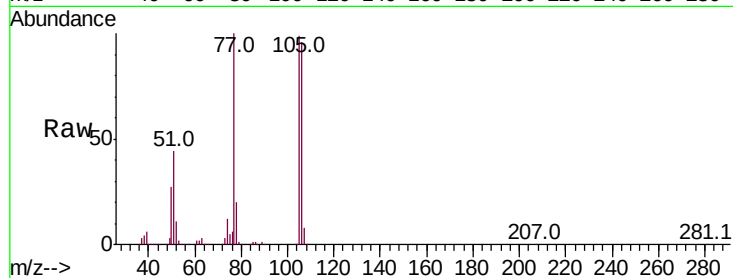
Tot Ion: 77 Resp: 652176

Ion Ratio Lower Upper

77 100

105 99.4 73.5 113.5

106 95.6 71.9 111.9



#10

Phenol

Concen: 43.246 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

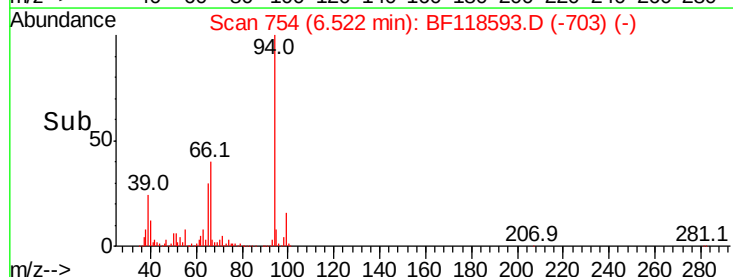
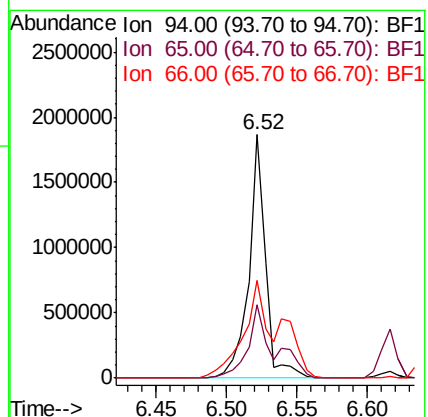
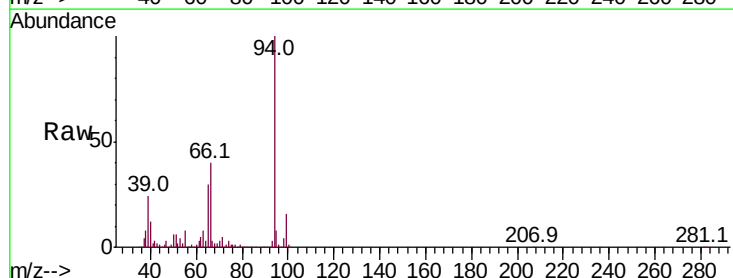
Tgt Ion: 94 Resp: 1535304

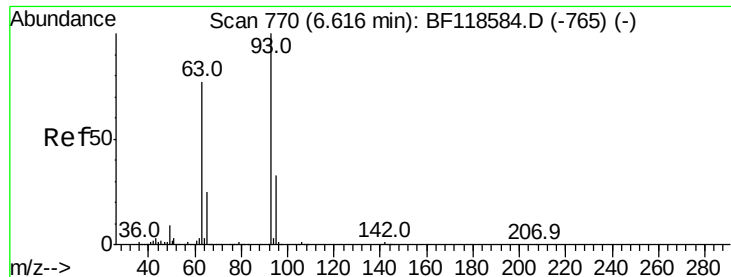
Ion Ratio Lower Upper

94 100

65 30.1 9.5 49.5

66 40.0 18.5 58.5

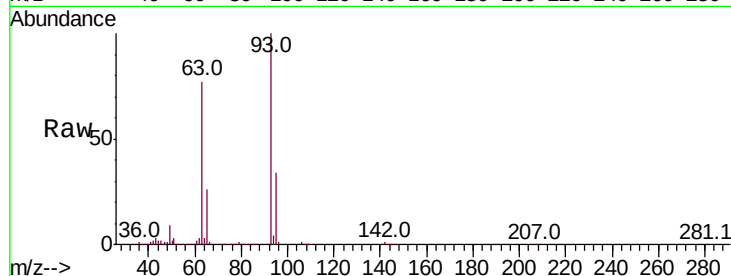




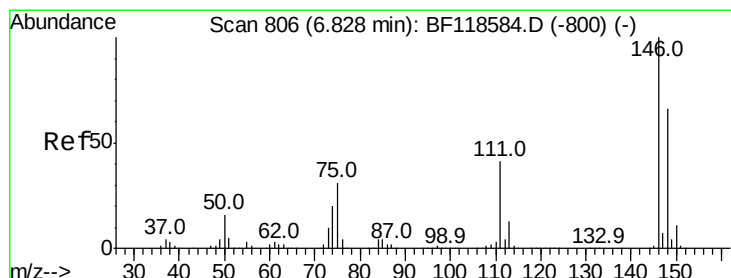
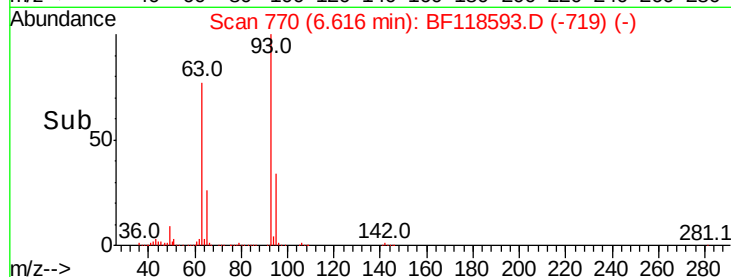
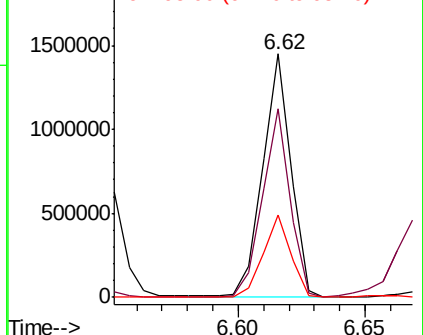
#11
bis(2-Chloroethyl)ether
Concen: 42.462 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1118446
Ion Ratio Lower Upper
93 100
63 77.2 56.3 96.3
95 34.0 13.3 53.3

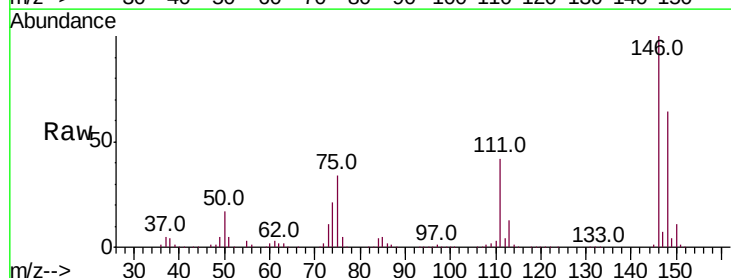


Abundance Ion 93.00 (92.70 to 93.70): BF1
2000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

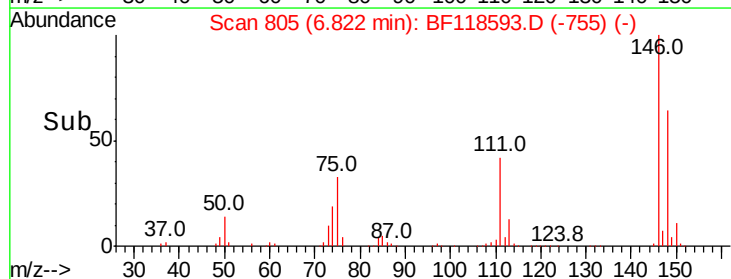
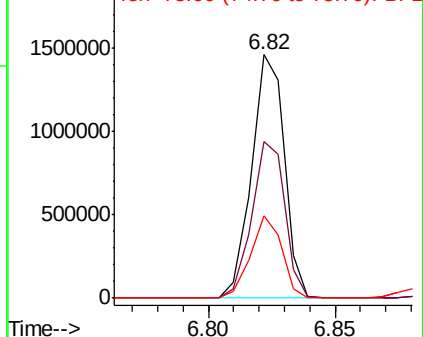


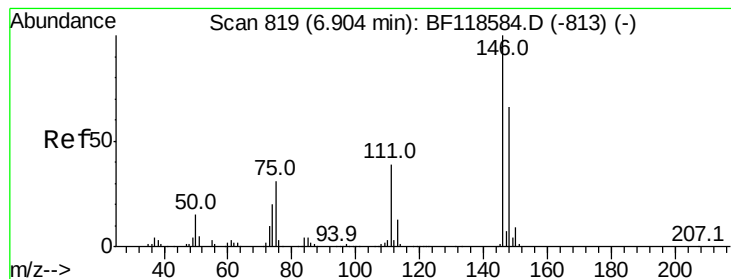
#12
1,3-Dichlorobenzene
Concen: 41.861 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion: 146 Resp: 1318132
Ion Ratio Lower Upper
146 100
148 64.3 53.0 79.6
75 33.6 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
2000000 Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.479 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

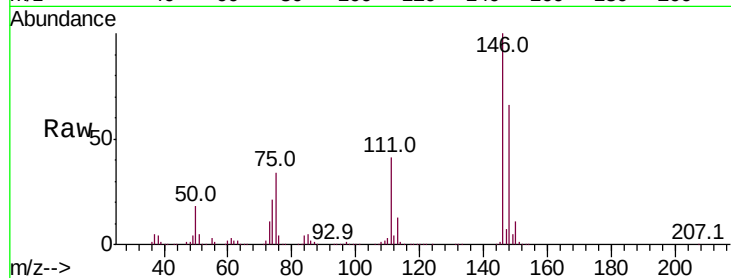
Tot Ion:146 Resp: 1311081

Ion Ratio Lower Upper

146 100

148 66.2 52.4 78.6

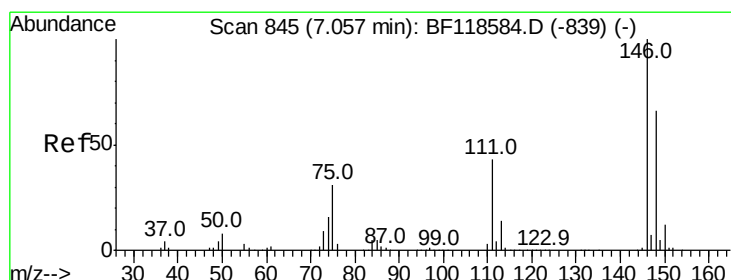
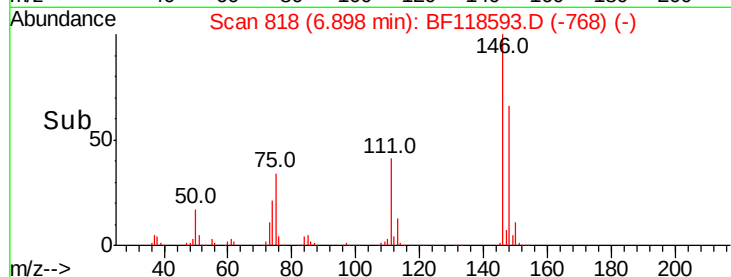
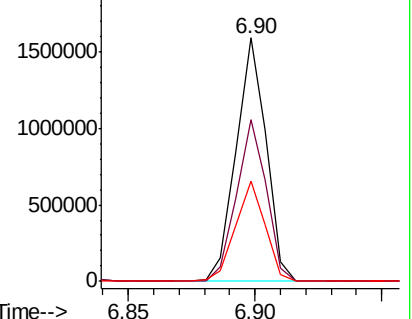
111 41.3 31.6 47.4



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: 41.952 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

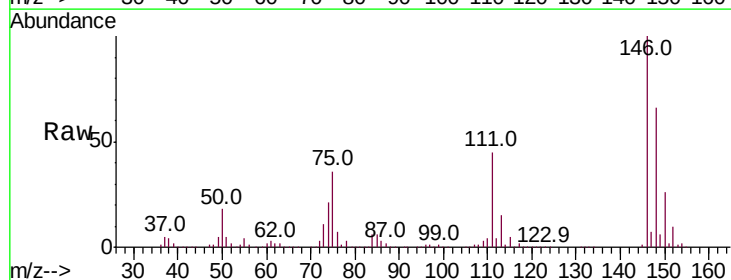
Tgt Ion:146 Resp: 1246570

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

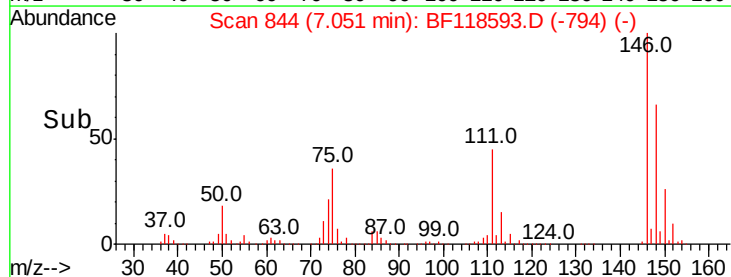
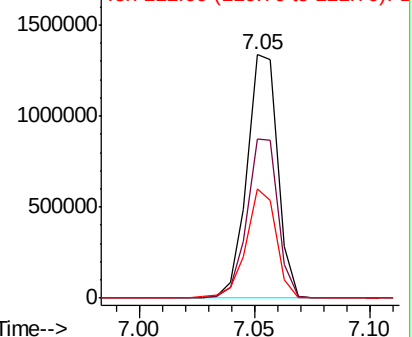
111 44.8 34.6 52.0

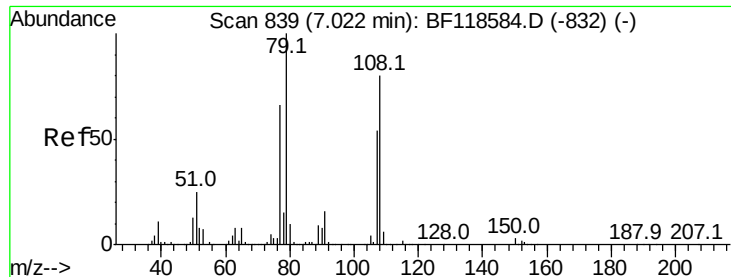


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.681 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

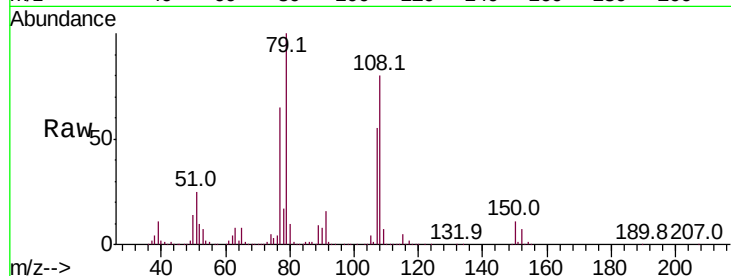
Tot Ion: 79 Resp: 1103824

Ion Ratio Lower Upper

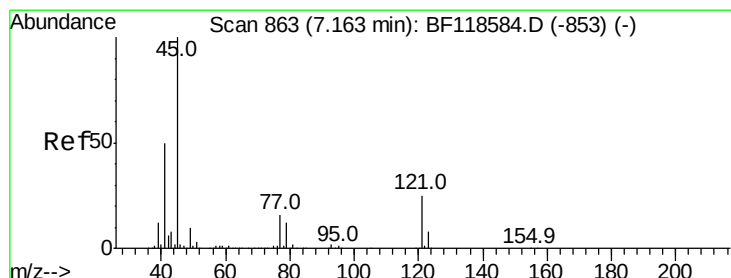
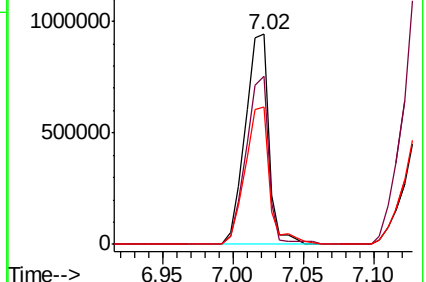
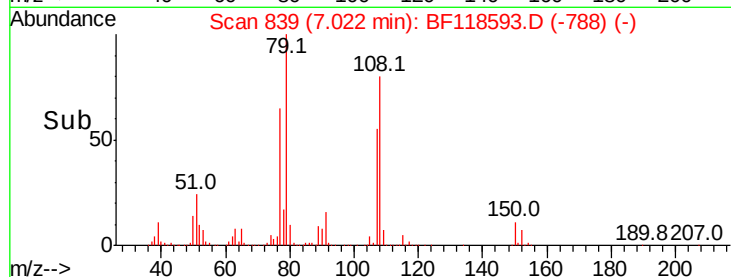
79 100

108 80.0 63.6 95.4

77 65.4 52.5 78.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.700 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

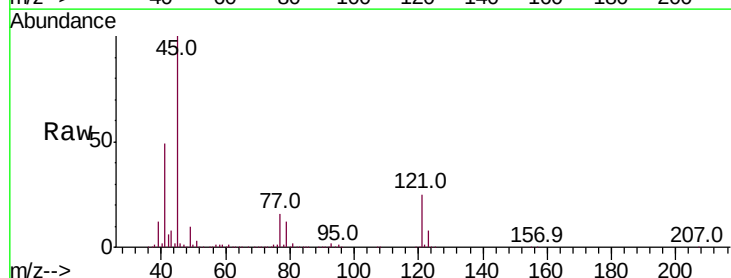
Tgt Ion: 45 Resp: 1493236

Ion Ratio Lower Upper

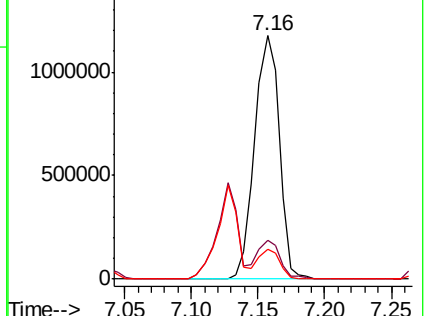
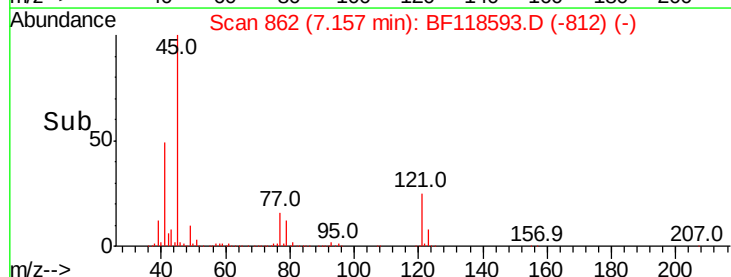
45 100

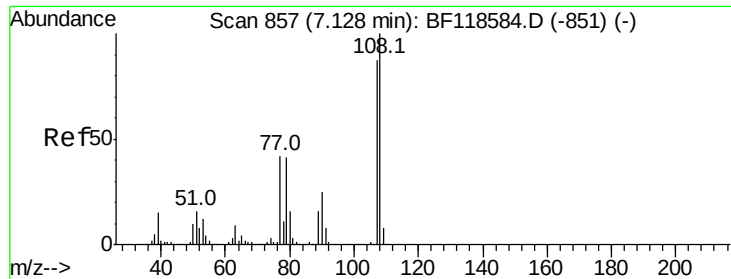
77 16.2 0.0 36.1

79 12.3 0.0 32.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

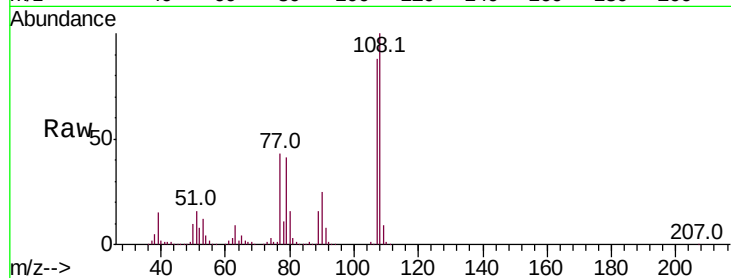




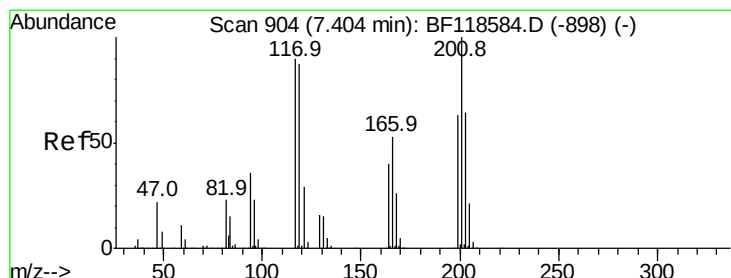
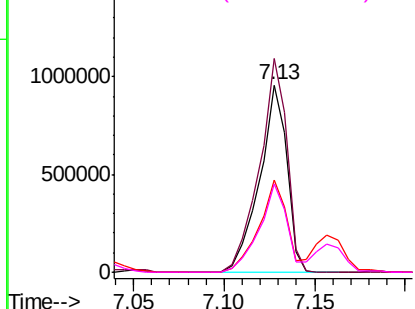
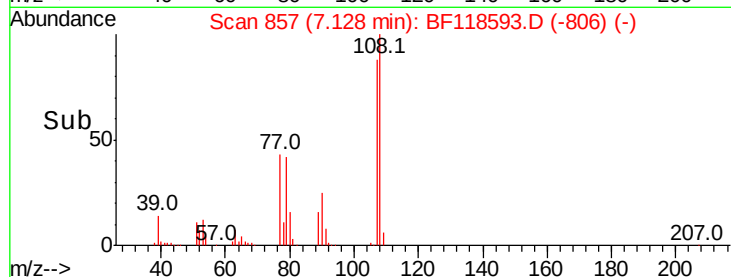
#17
2-Methylphenol
Concen: 44.931 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1006869
Ion Ratio Lower Upper
107 100
108 113.9 91.5 137.3
77 48.8 38.7 58.1
79 47.1 37.7 56.5

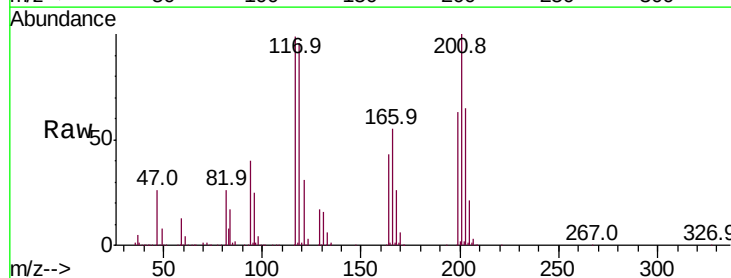


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

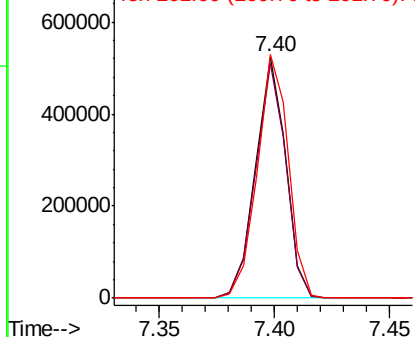
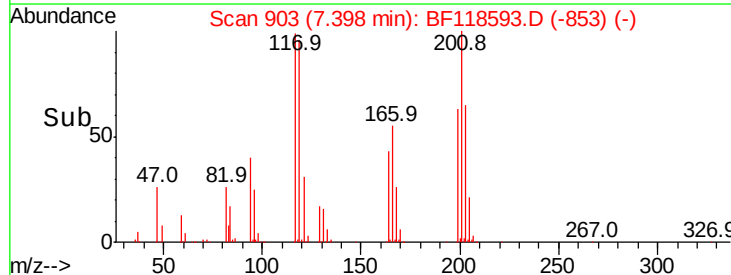


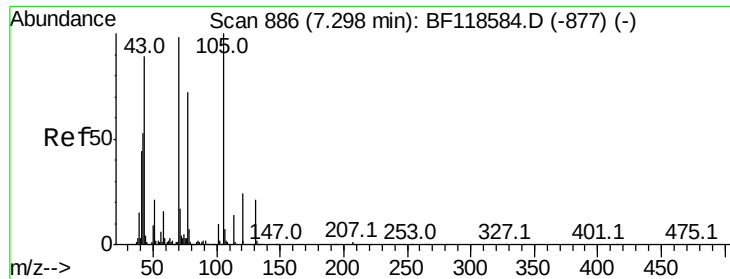
#18
Hexachloroethane
Concen: 41.663 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:117 Resp: 477523
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4
201 100.8 88.8 133.2



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

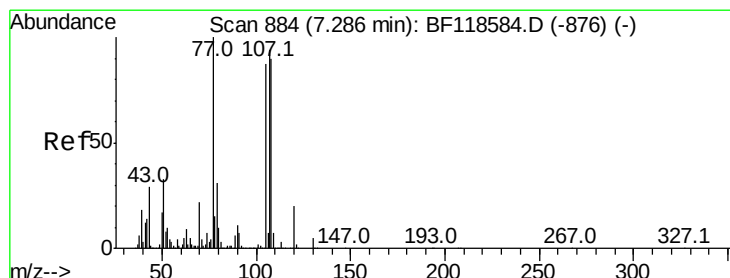
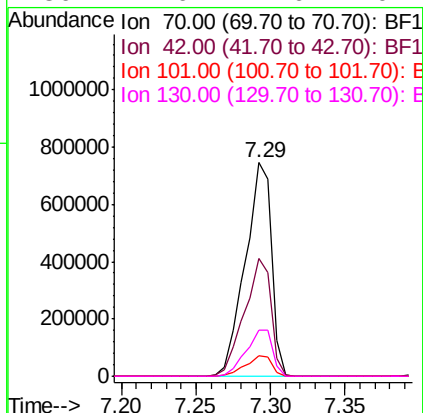
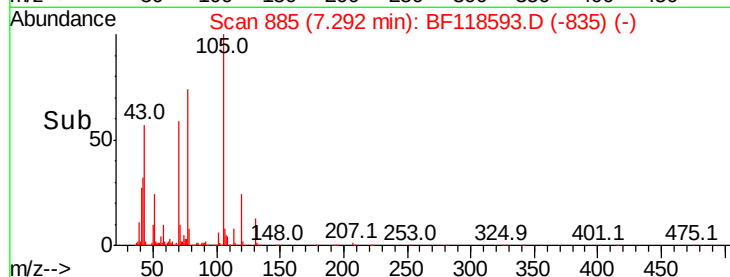
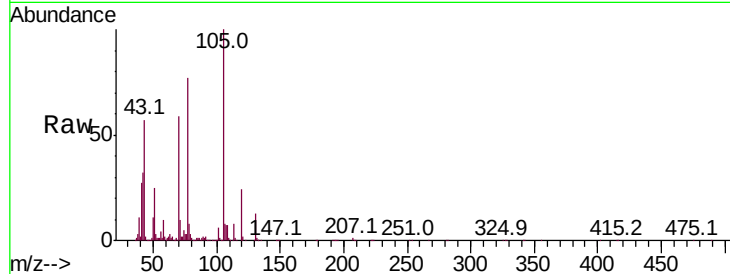




#19
n-Nitroso-di-n-propylamine
Concen: 43.138 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

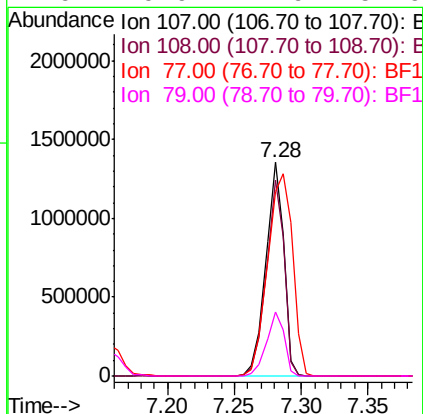
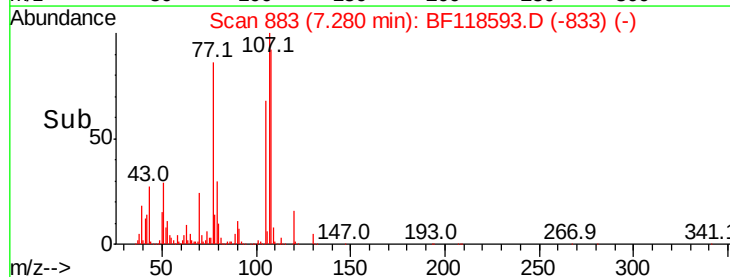
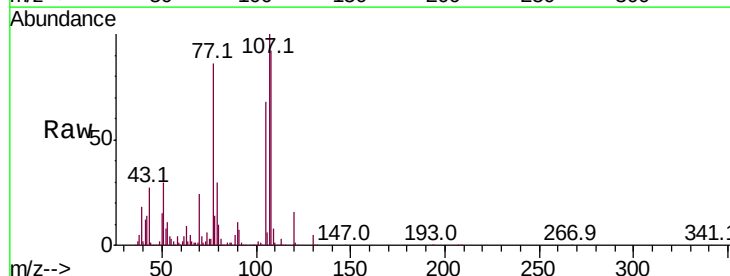
Instrument :
BNA_F
ClientSampleId :

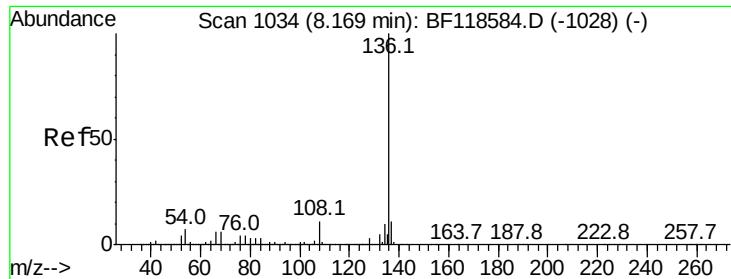
Tot Ion:	70	Resp:	907410
Ion	Ratio	Lower	Upper
70	100		
42	55.0	43.4	65.0
101	9.7	8.1	12.1
130	21.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.999 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:	107	Resp:	1258522
Ion	Ratio	Lower	Upper
107	100		
108	91.9	75.8	115.8
77	86.3	86.5	126.5#
79	29.9	12.9	52.9

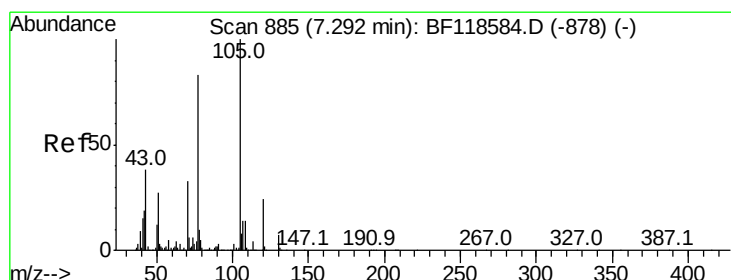
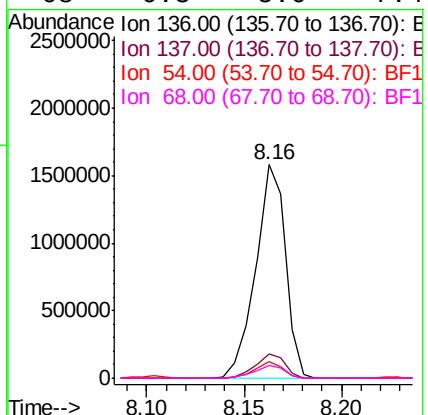
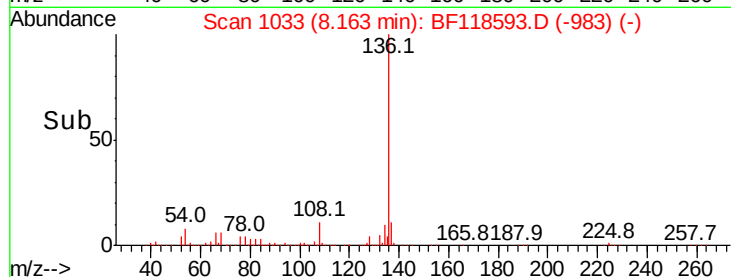
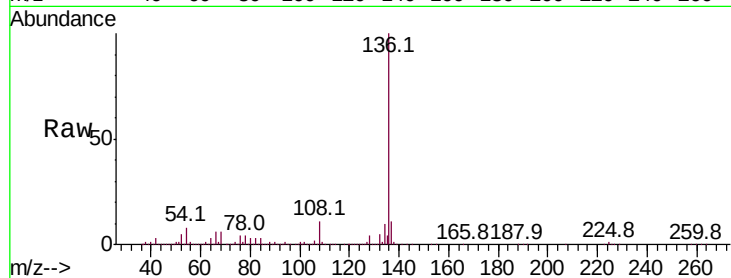




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

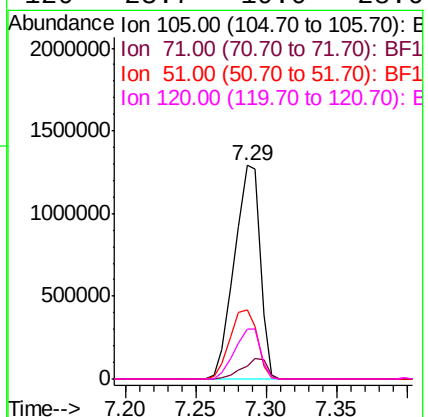
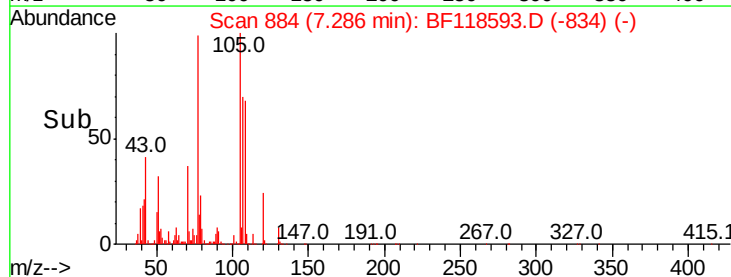
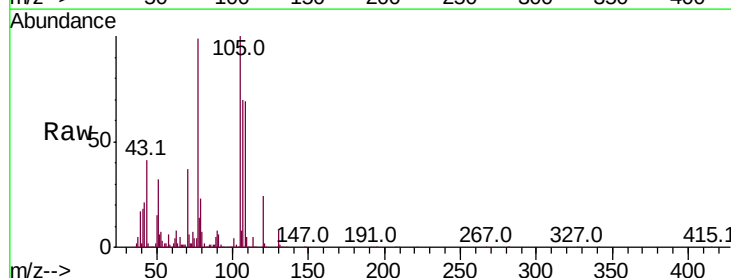
Instrument :
BNA_F
ClientSampled :

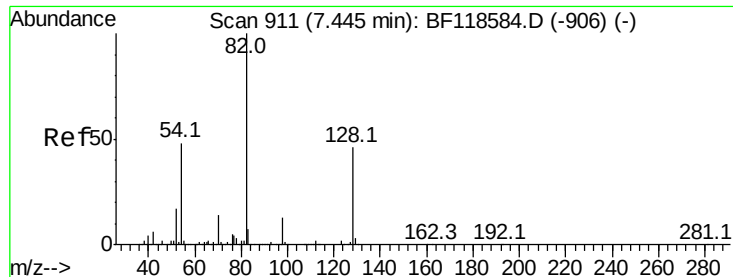
Tot Ion:136	Resp: 1668823
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 7.7	5.8 8.6
68 6.3	5.0 7.4



#22
Acetophenone
Concen: 41.567 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt	Ion:105	Resp:	1643245
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.5	6.7
51	32.5	21.5	32.3#
120	23.7	19.0	28.6

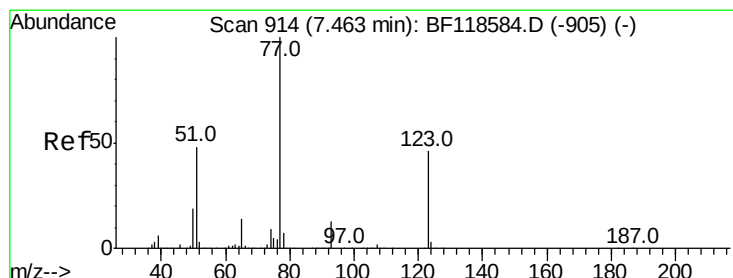
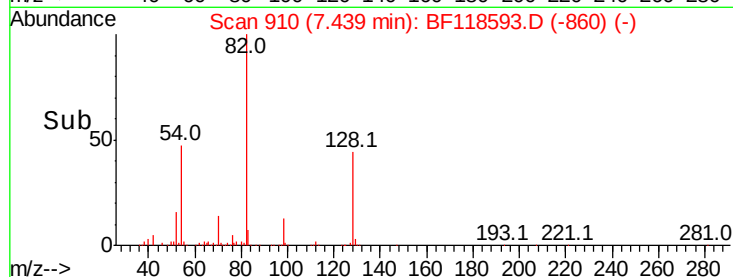
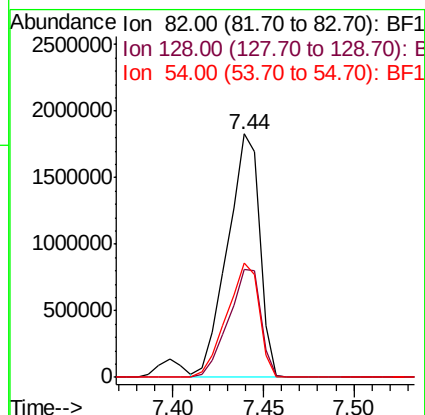
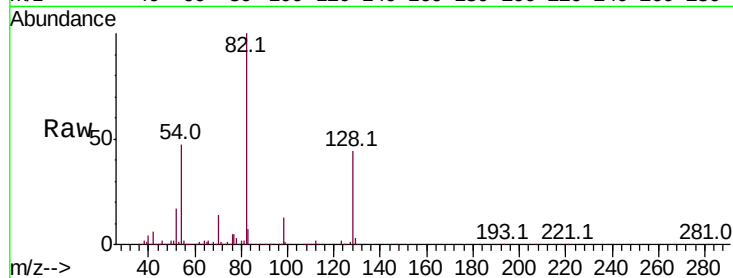




#23
 Nitrobenzene-d5
 Concen: 75.768 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

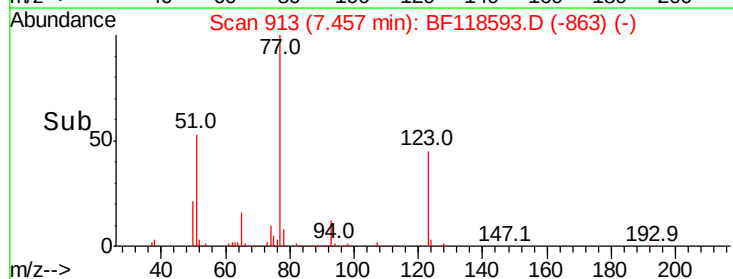
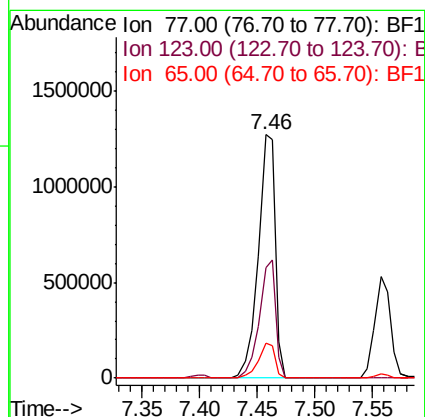
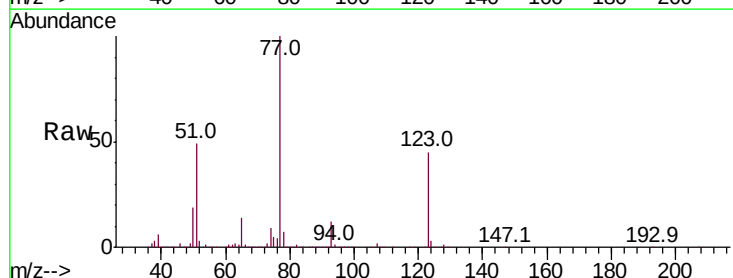
Instrument :
 BNA_F
 ClientSampled :

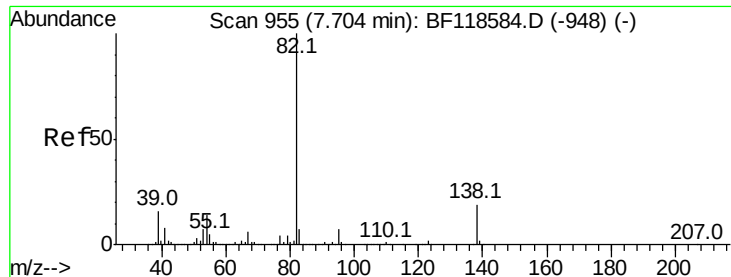
Tot Ion: 82 Resp: 2260590
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.6 54.8
 54 47.2 38.0 57.0



#24
 Nitrobenzene
 Concen: 42.968 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion: 77 Resp: 1312665
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.0 55.4
 65 14.1 11.1 16.7





#25

Isophorone

Concen: 43.793 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

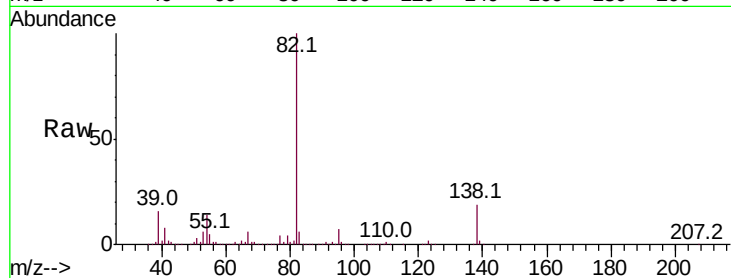
Tot Ion: 82 Resp: 2383186

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	19.3	15.3	22.9

82 100

95 7.4 5.9 8.9

138 19.3 15.3 22.9

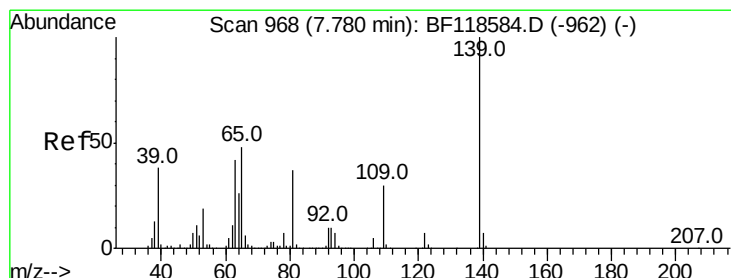
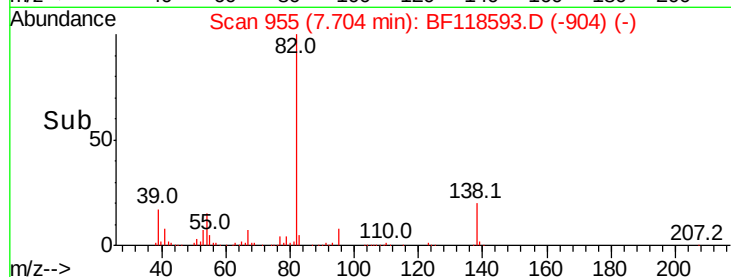
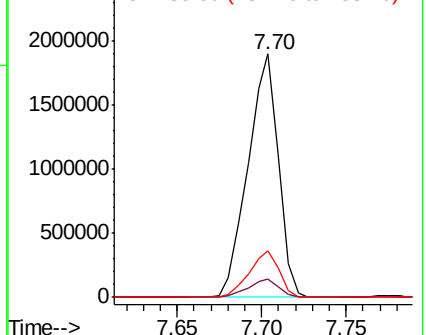


Abundance

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: 45.799 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

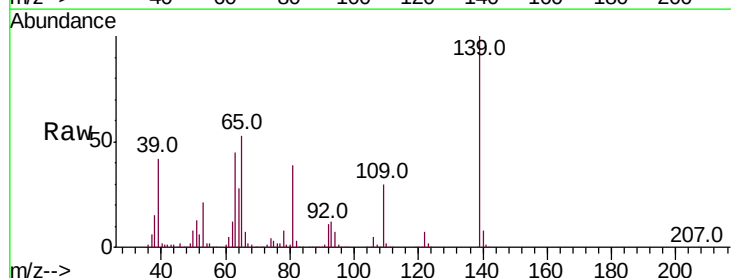
Tgt Ion: 139 Resp: 596650

Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.8	35.8
65	53.2	38.5	57.7

139 100

109 30.4 23.8 35.8

65 53.2 38.5 57.7

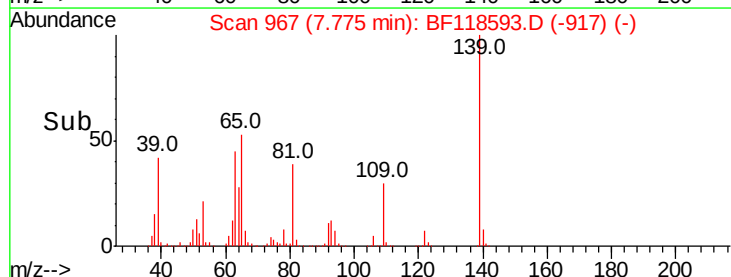
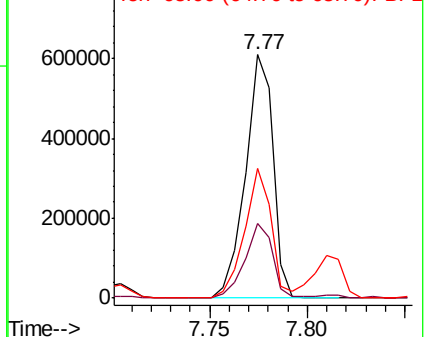


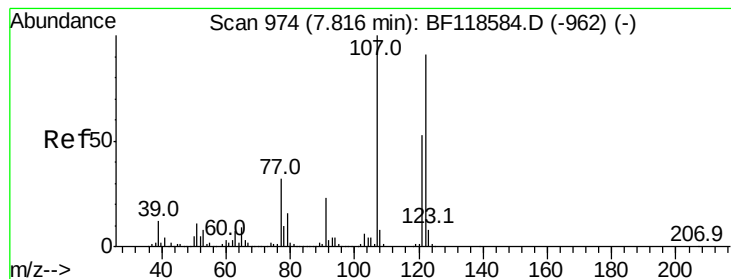
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.094 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

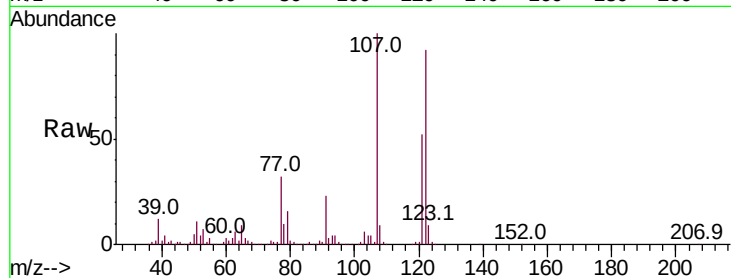
Tot Ion:122 Resp: 1171915

Ion Ratio Lower Upper

122 100

107 108.4 88.0 132.0

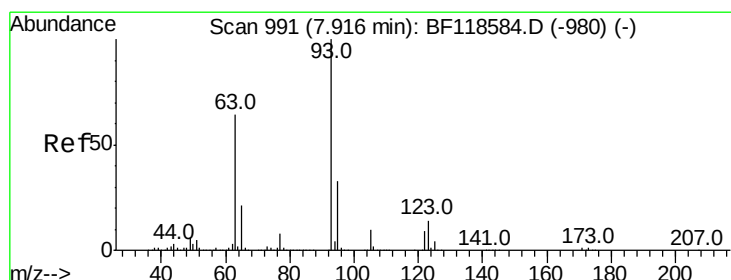
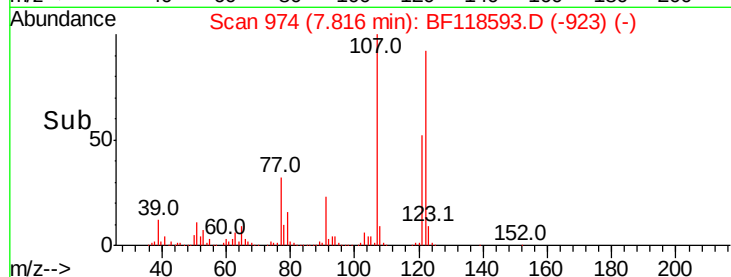
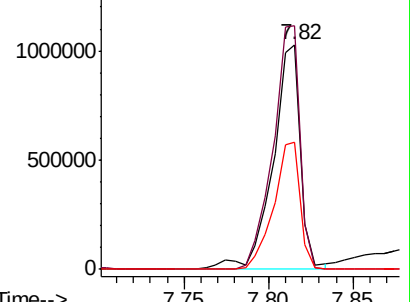
121 56.8 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

1500000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.325 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

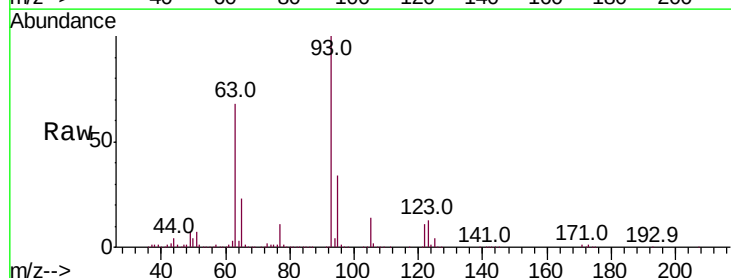
Tgt Ion: 93 Resp: 1449016

Ion Ratio Lower Upper

93 100

95 34.1 26.7 40.1

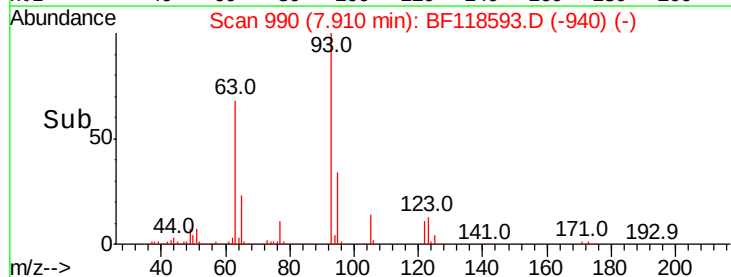
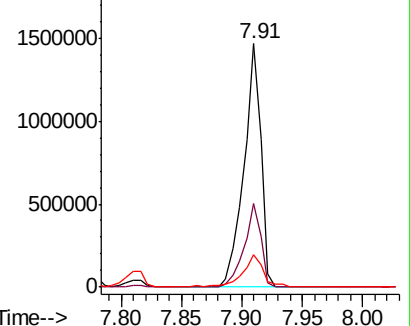
123 13.2 11.0 16.6

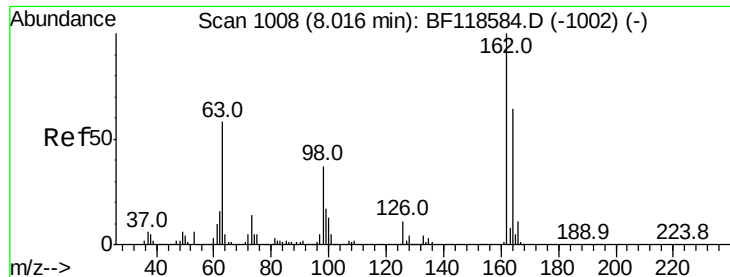


Abundance Ion 93.00 (92.70 to 93.70): BF1

2000000 Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.921 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

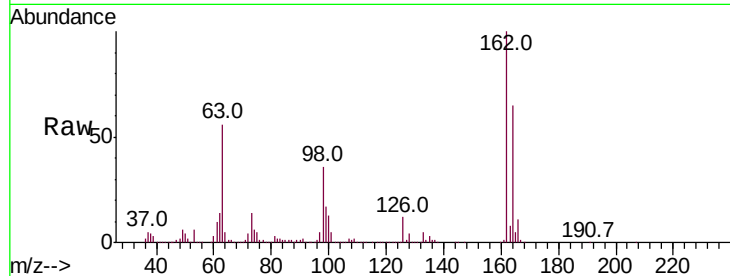
Tot Ion:162 Resp: 1092256

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

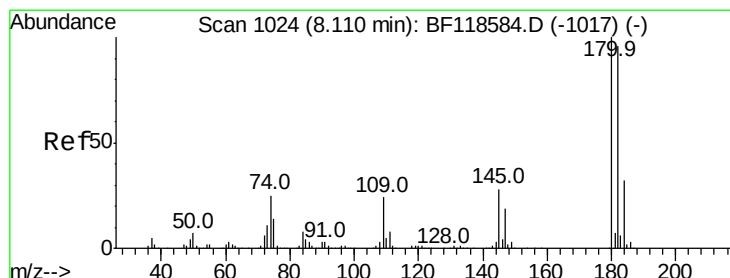
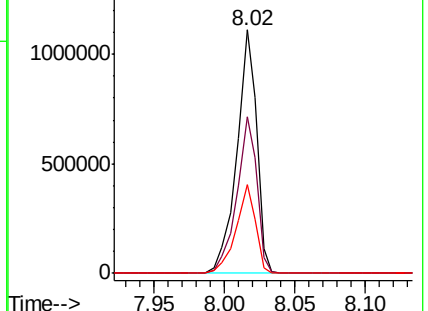
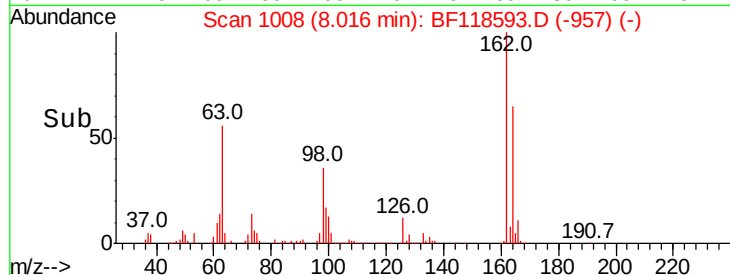
98 36.5 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

1500000 Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.074 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

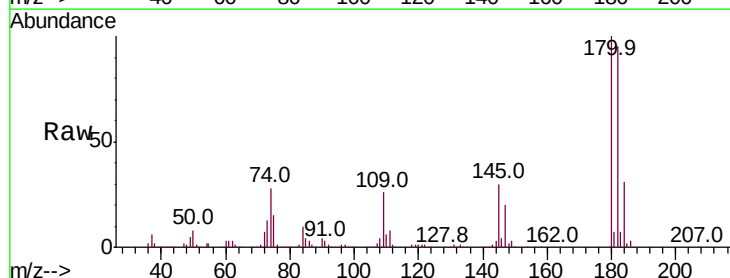
Tgt Ion:180 Resp: 1184356

Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

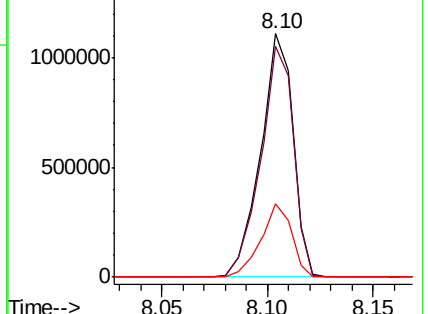
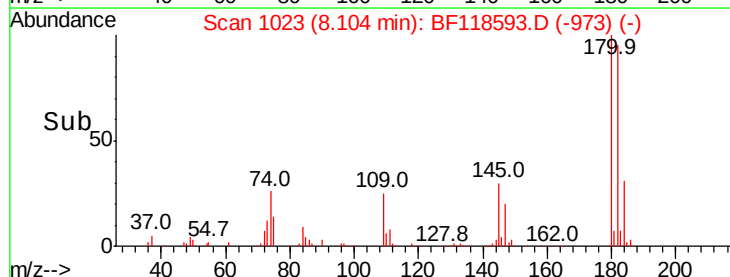
145 29.9 22.8 34.2

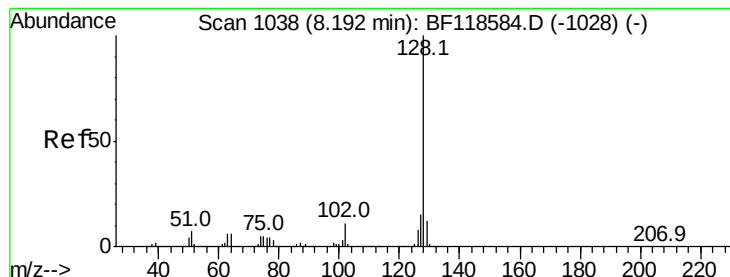


Abundance Ion 180.00 (179.70 to 180.70): E

1500000 Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.405 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

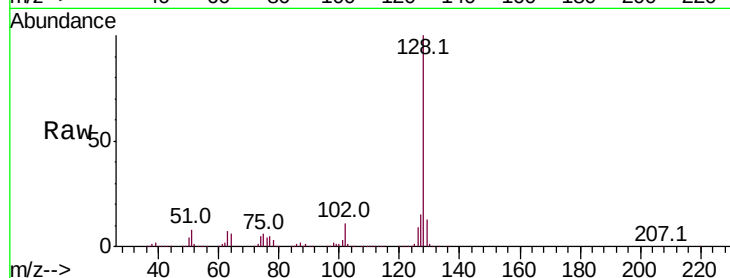
Tot Ion:128 Resp: 3347500

Ion Ratio Lower Upper

128 100

129 12.9 9.9 14.9

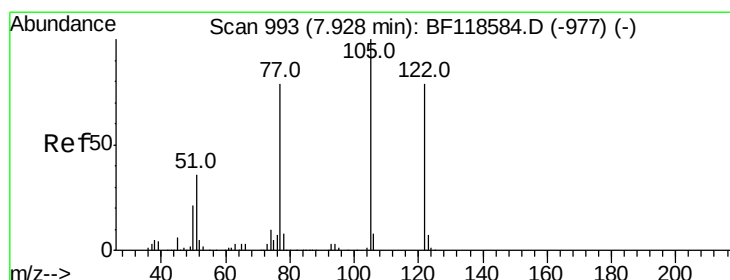
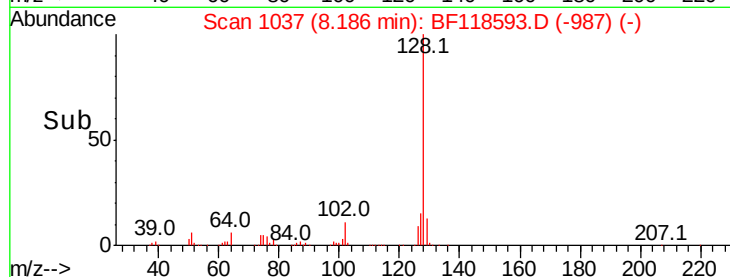
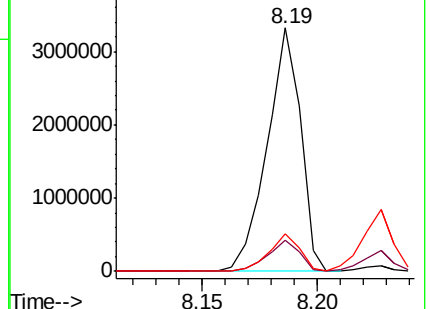
127 15.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.237 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

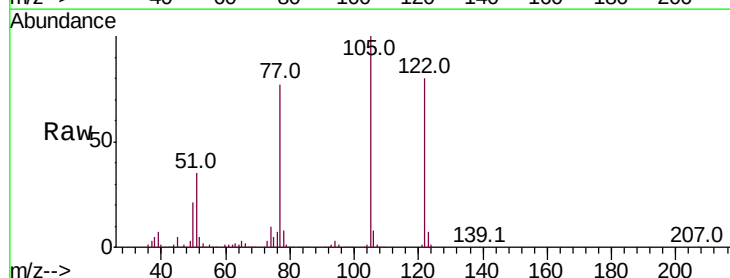
Tgt Ion:122 Resp: 746879

Ion Ratio Lower Upper

122 100

105 124.8 104.3 144.3

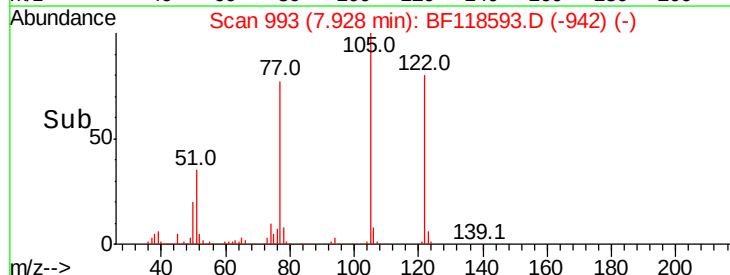
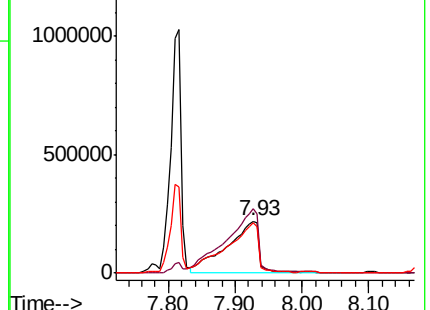
77 96.6 79.4 119.4

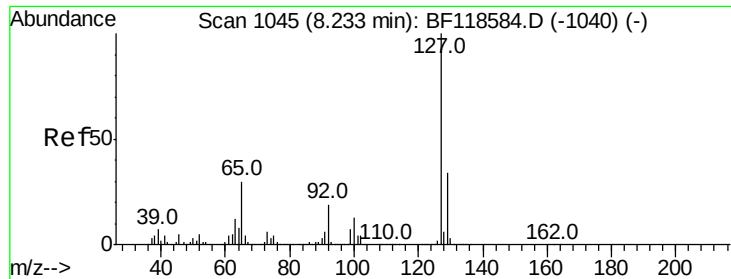


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

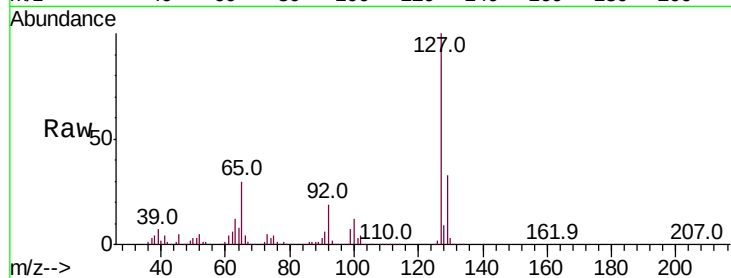




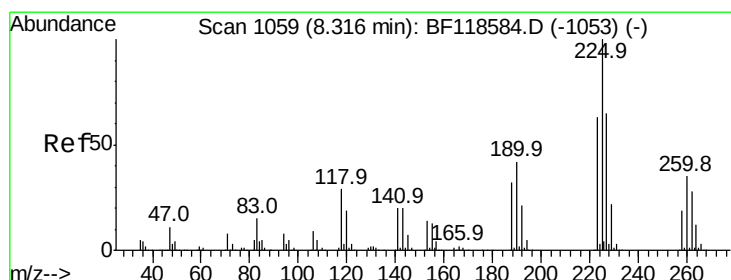
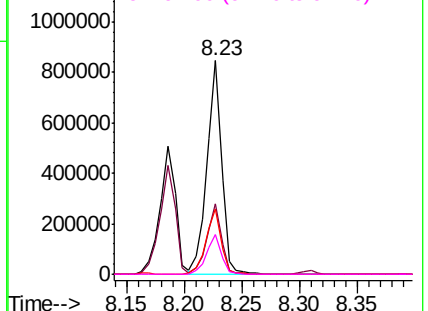
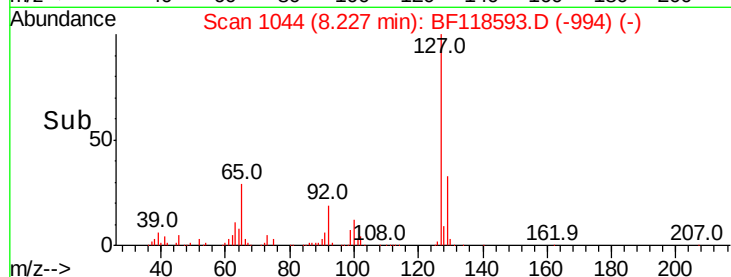
#33
4-Chloroaniline
Concen: 21.680 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	755418
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.4	41.0
65	30.3	23.6	35.4
92	18.9	15.0	22.4

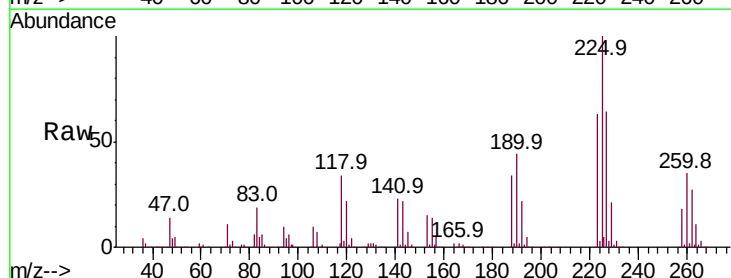


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

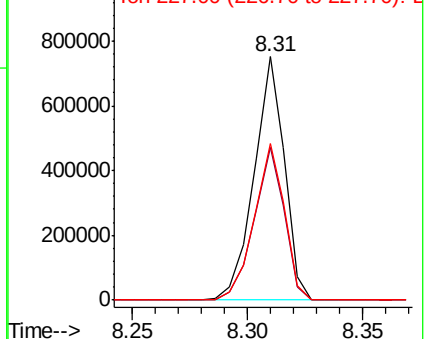
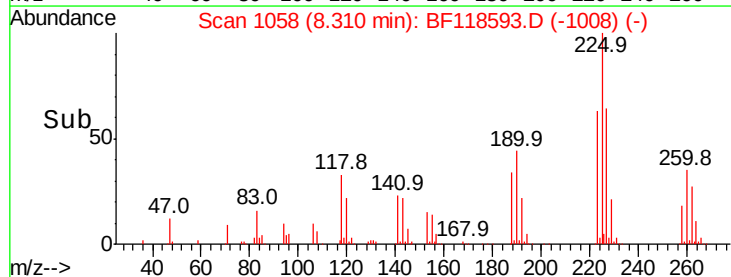


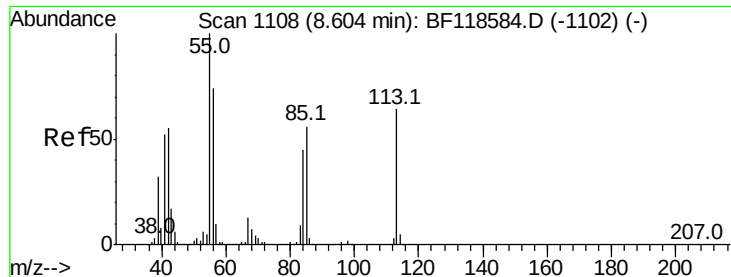
#34
Hexachlorobutadiene
Concen: 39.090 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:	225	Resp:	686412
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.4
227	64.4	52.1	78.1



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: 20.926 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

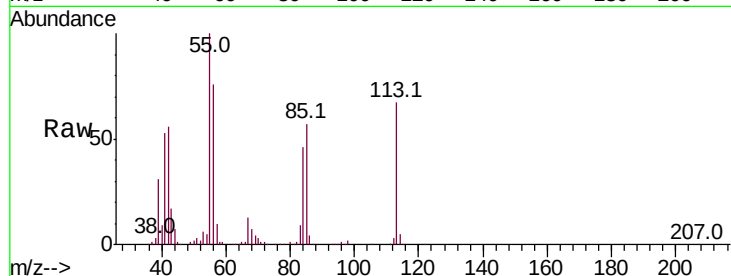
Tot Ion:113 Resp: 170303

Ion Ratio Lower Upper

113 100

55 149.9 136.1 176.1

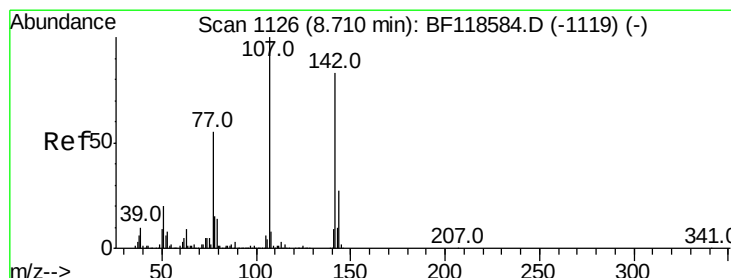
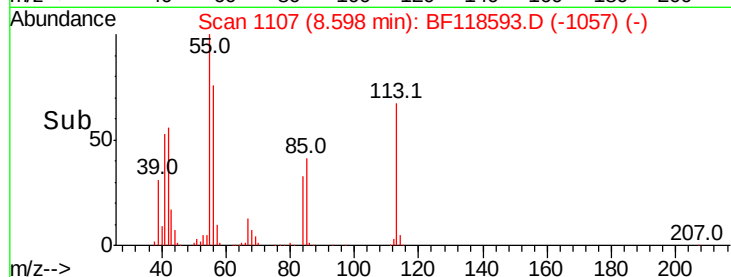
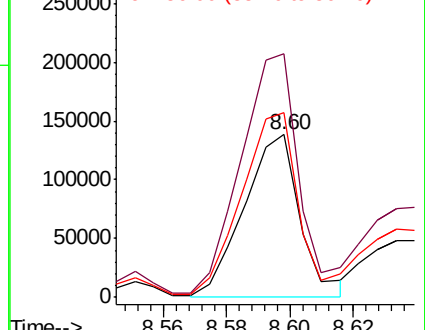
56 113.7 95.2 135.2



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: 45.194 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

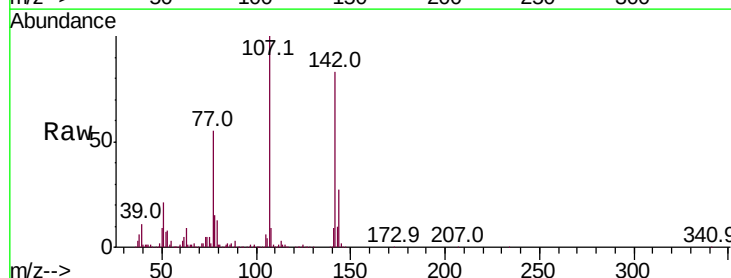
Tgt Ion:107 Resp: 1109848

Ion Ratio Lower Upper

107 100

144 27.2 21.8 32.8

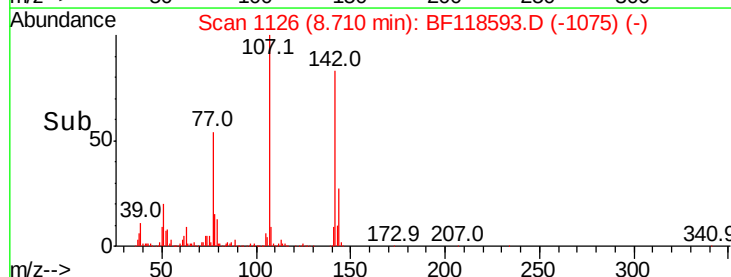
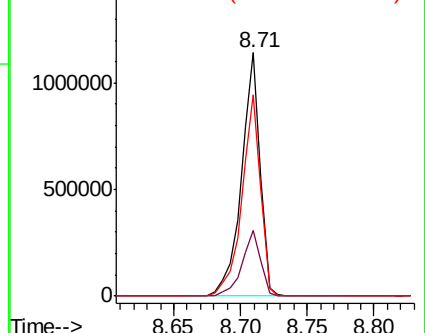
142 82.9 66.5 99.7

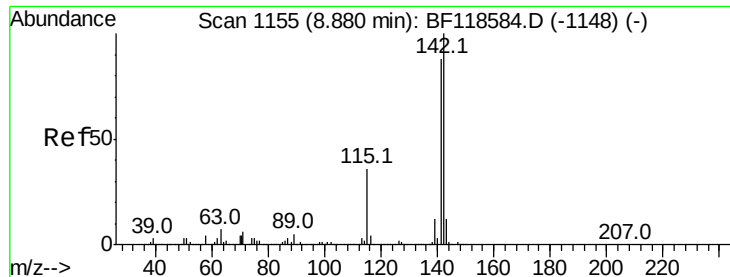


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

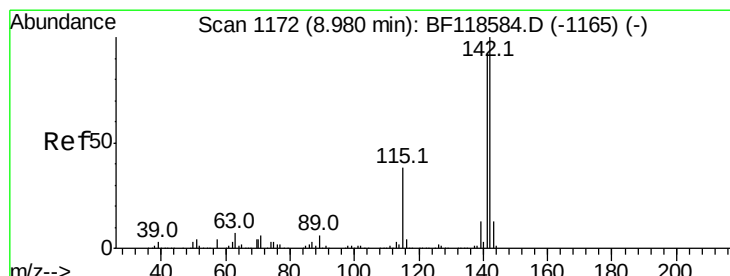
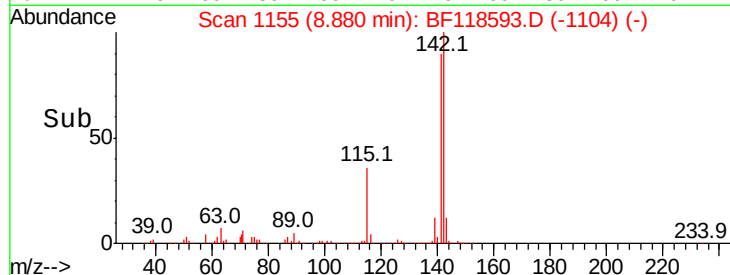
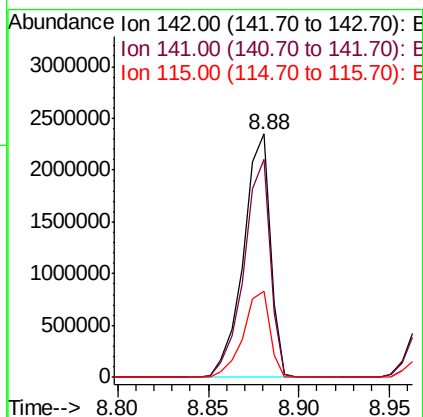
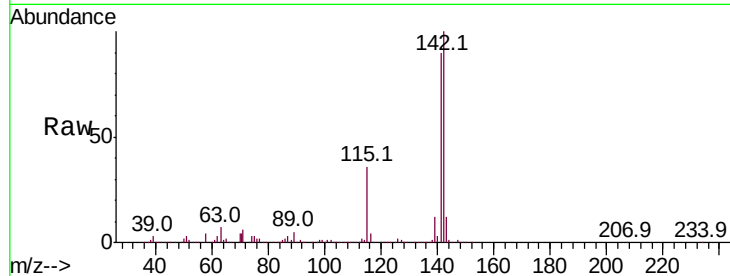




#37
 2-Methylnaphthalene
 Concen: 45.483 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

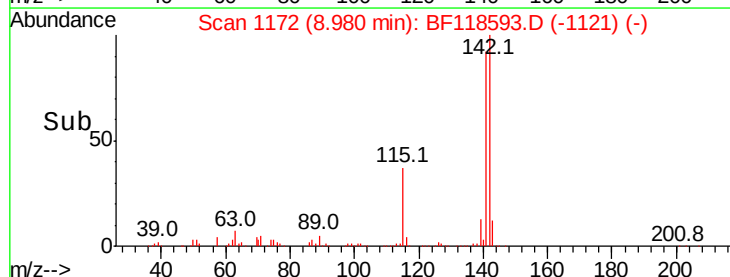
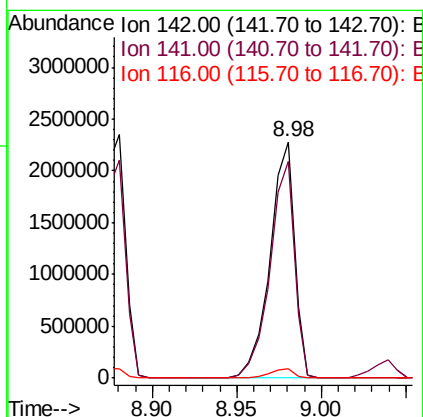
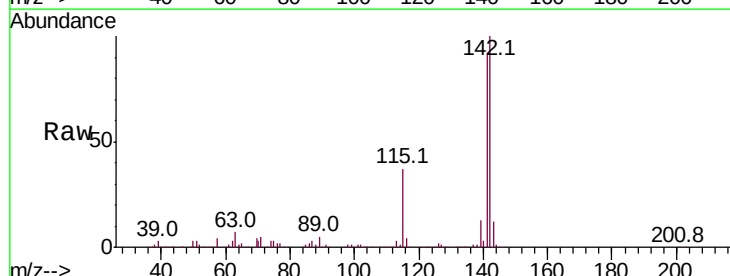
Instrument :
 BNA_F
 ClientSampleId :

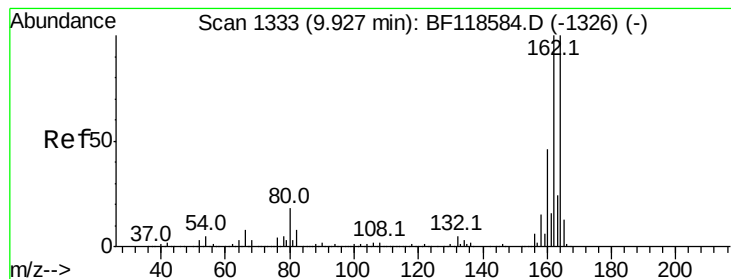
Tot Ion:142 Resp: 2420256
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.7 106.1
 115 35.6 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 45.236 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion:142 Resp: 2286854
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.4 110.2
 116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

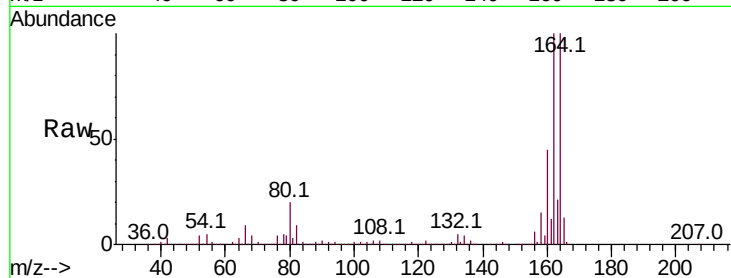
Tot Ion:164 Resp: 975334

Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

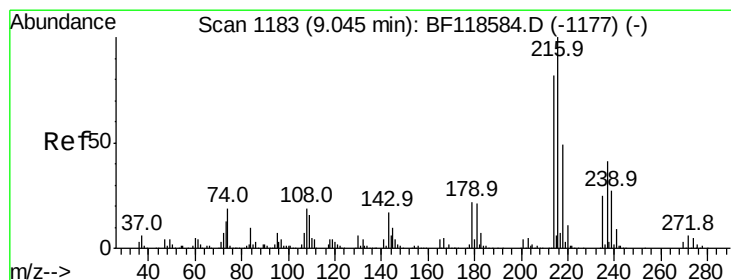
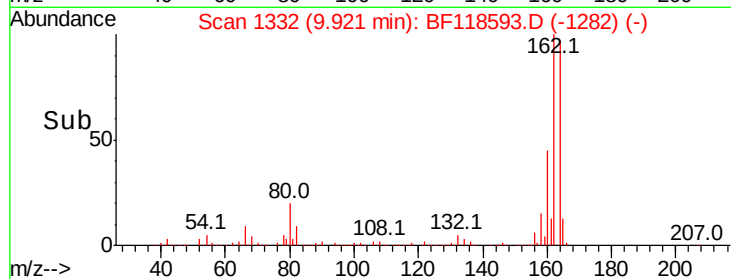
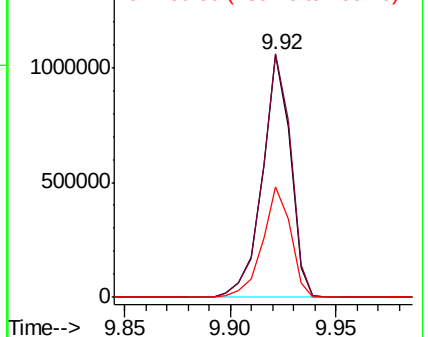
160 45.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.745 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:216 Resp: 1212924

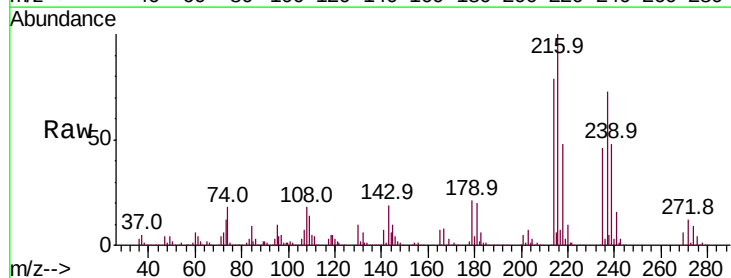
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 20.1 16.6 25.0

108 19.9 14.4 21.6

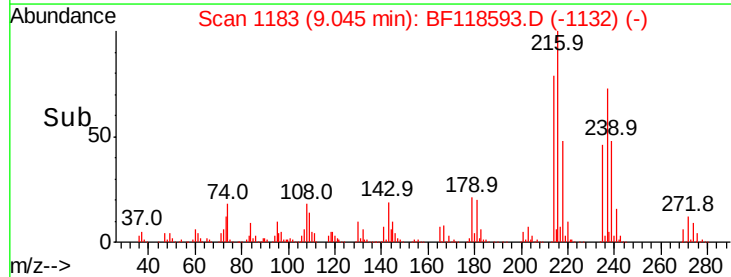
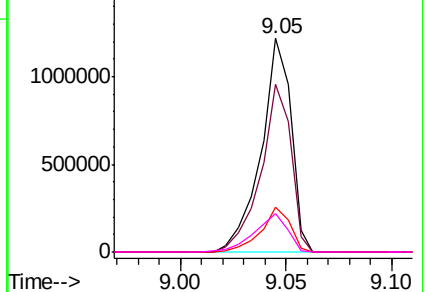


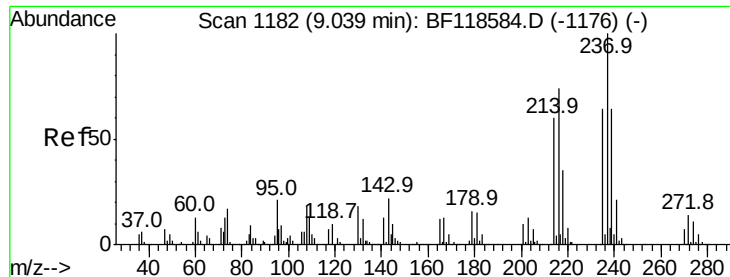
Abundance Ion 216.00 (215.70 to 216.70): E

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

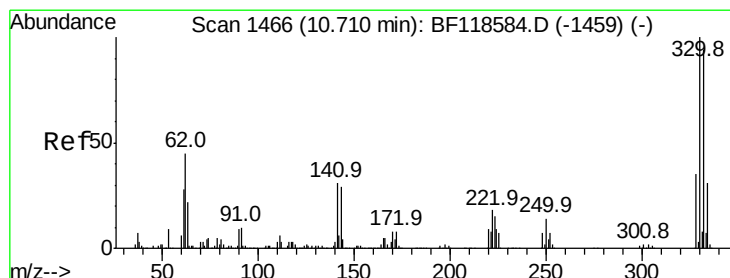
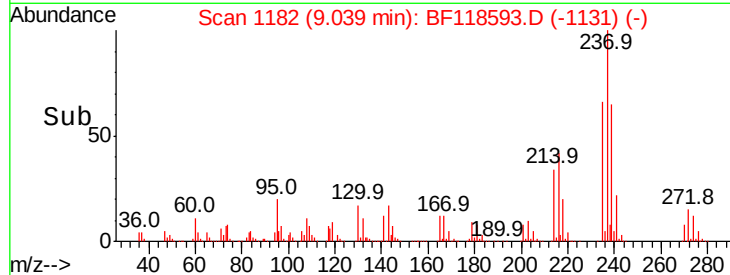
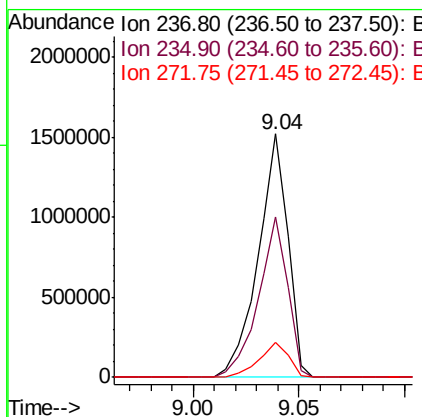
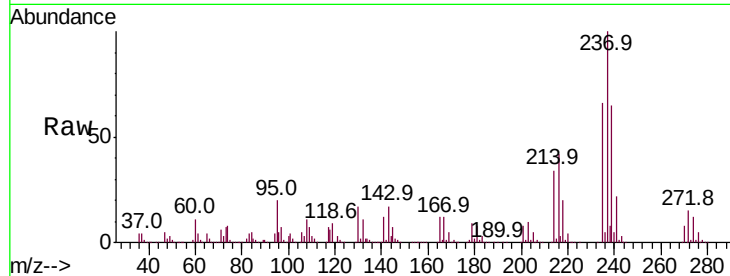




#41
 Hexachlorocyclopentadiene
 Concen: 96.404 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

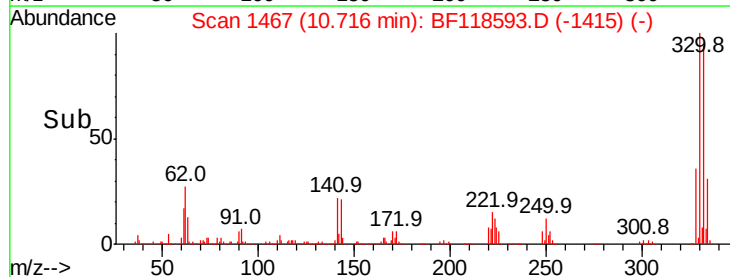
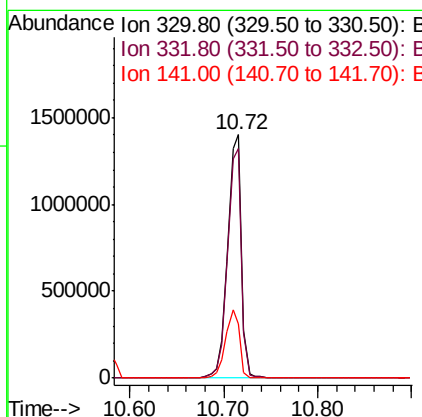
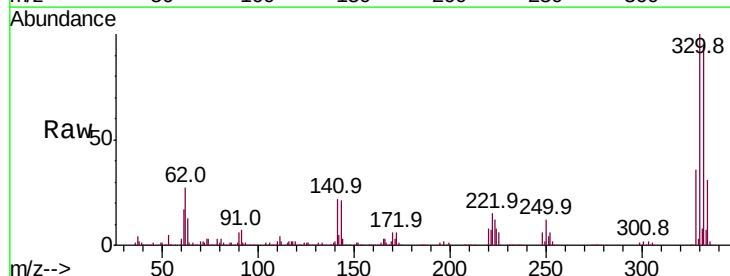
Instrument :
 BNA_F
 ClientSampleId :

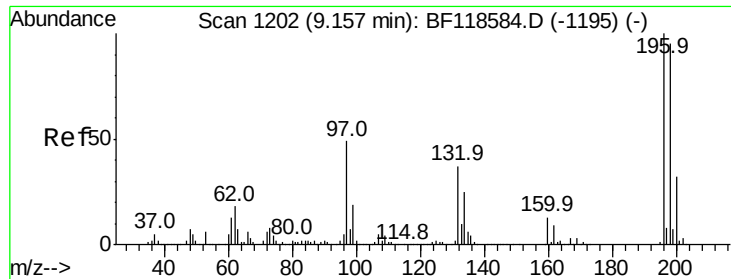
Tot Ion:237 Resp: 1484349
 Ion Ratio Lower Upper
 237 100
 235 65.7 44.0 84.0
 272 14.6 0.0 34.0



#42
 2,4,6-Tribromophenol
 Concen: 126.626 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion:330 Resp: 1428462
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 29.0 23.9 35.9

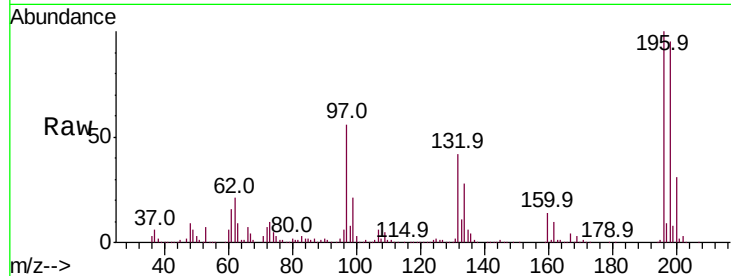




#43
 2,4,6-Trichlorophenol
 Concen: 42.540 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	861467
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.3	114.5
200	30.7	25.4	38.2

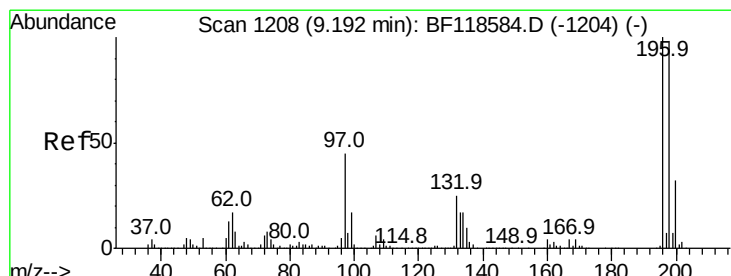
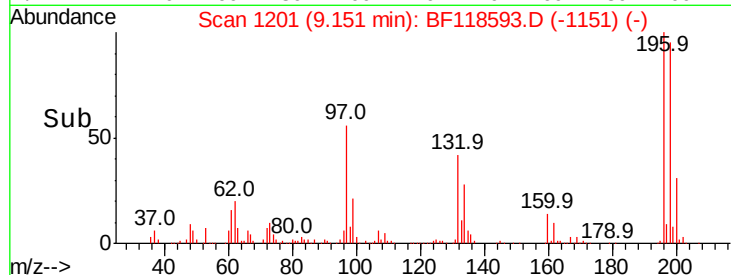
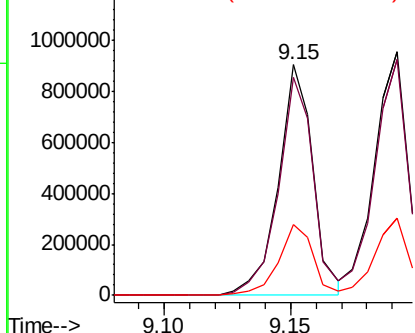


Abundance

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: 43.012 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	196	Resp	889585
Ion Ratio	Lower	Upper	
196	100		
198	97.2	78.3	117.5
97	44.7	35.9	53.9
132	25.3	20.3	30.5

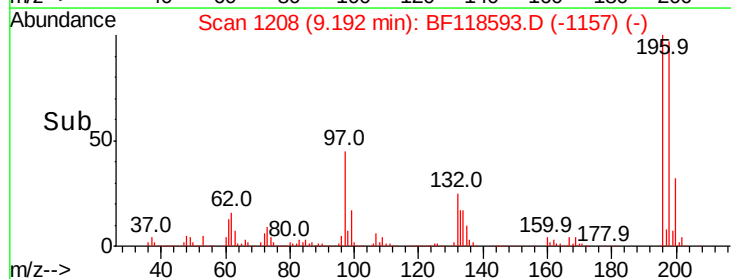
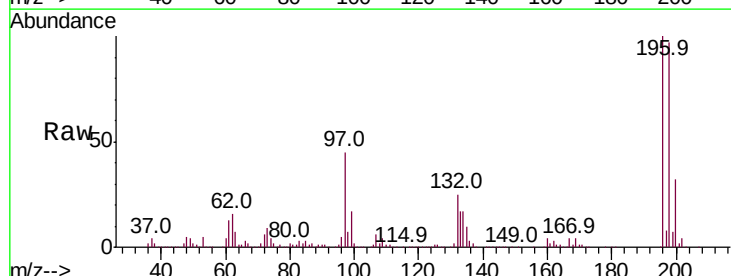
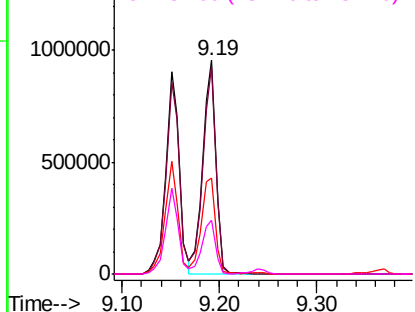
Abundance

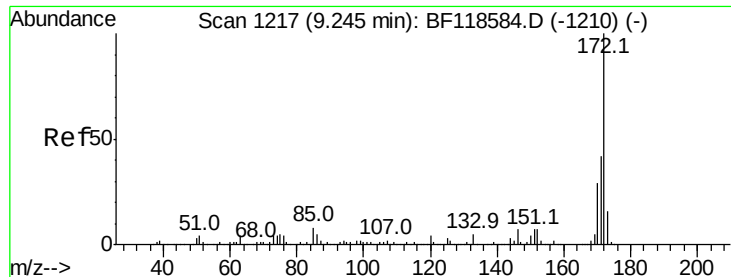
Ion 196.00 (195.70 to 196.70): E

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: 71.435 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

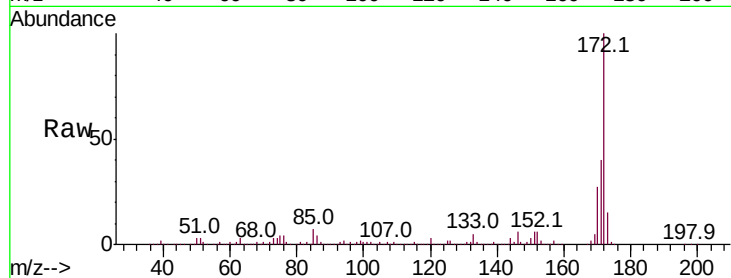
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 4239026

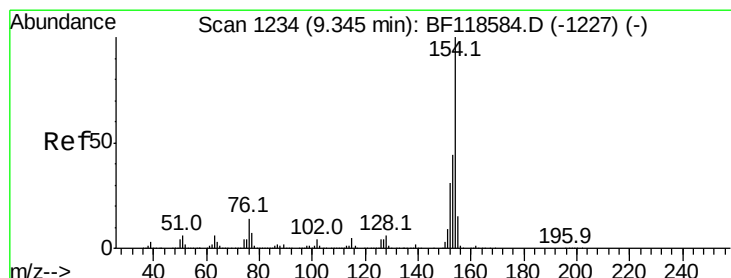
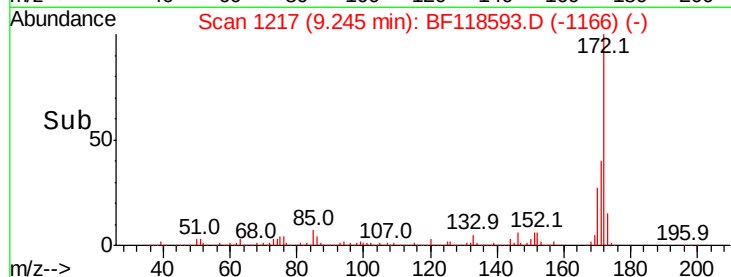
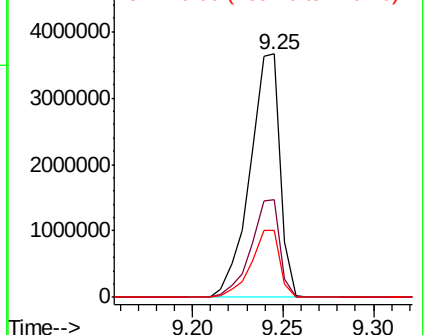
Ion	Ratio	Lower	Upper
172	100		
171	39.9	33.4	50.2
170	27.4	23.2	34.8



Abundance Ion 172.00 (171.70 to 172.70): E

5000000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.259 ng

RT: 9.35 min Scan# 1234

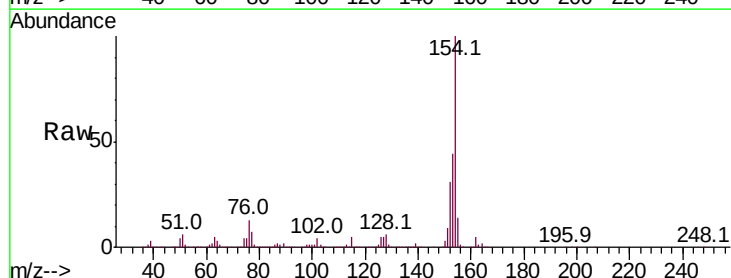
Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:154 Resp: 2840637

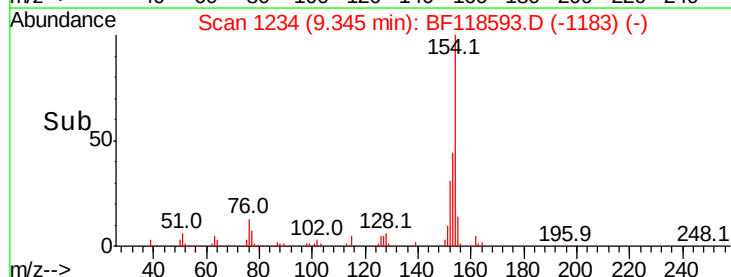
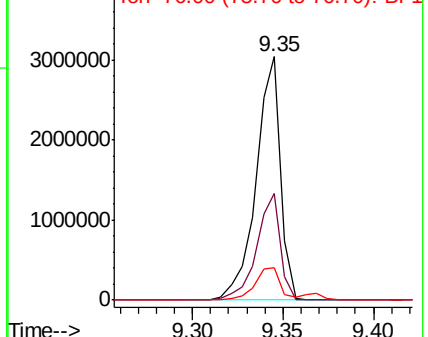
Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.8	63.8
76	13.2	0.0	34.3

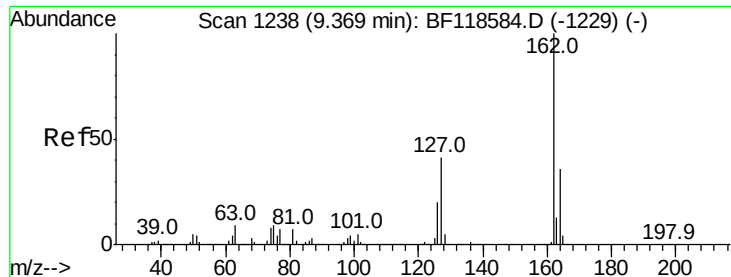


Abundance Ion 154.00 (153.70 to 154.70): E

4000000 Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



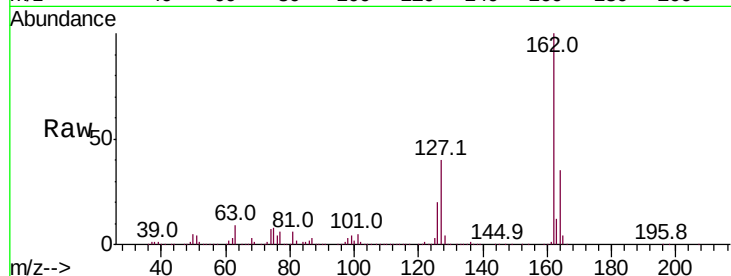


#47
 2-Chloronaphthalene
 Concen: 41.384 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

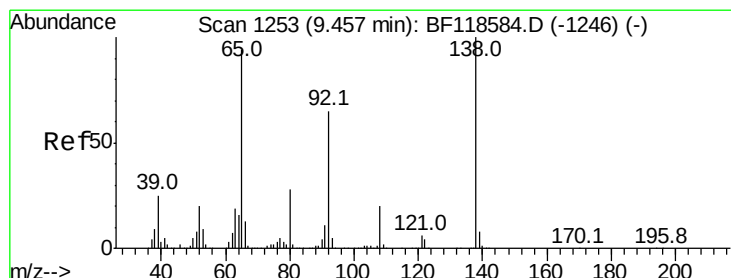
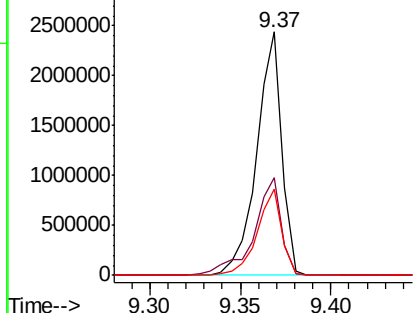
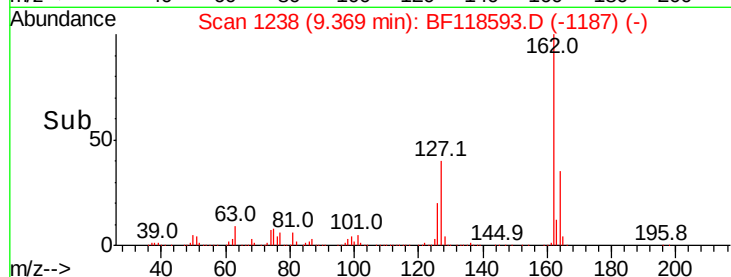
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2344732

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.0	49.6
164	35.4	28.6	42.8



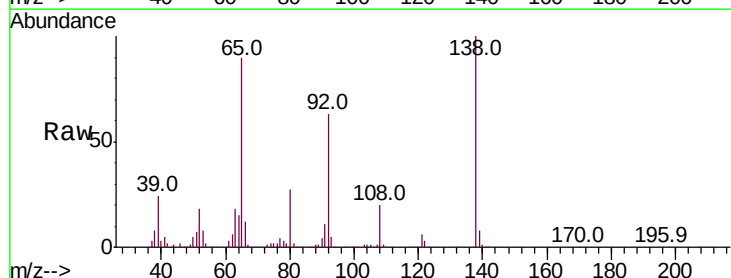
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



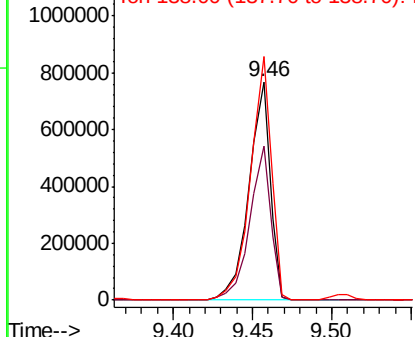
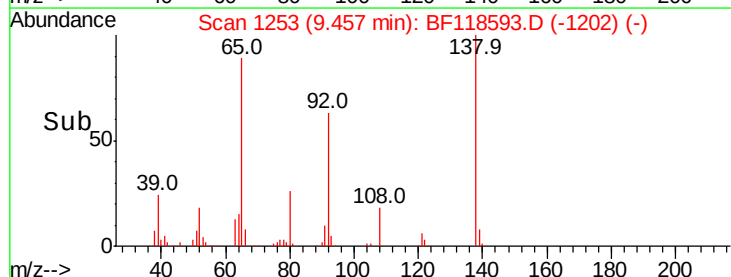
#48
 2-Nitroaniline
 Concen: 41.059 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

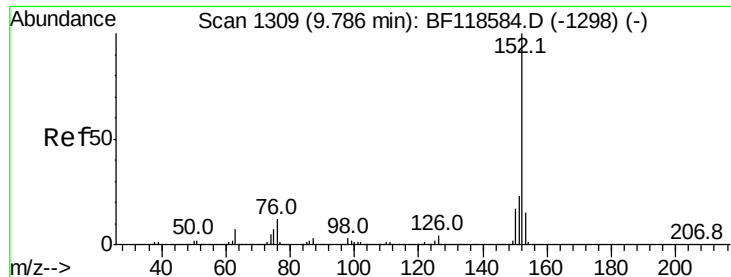
Tgt Ion: 65 Resp: 715110

Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	111.6	85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.090 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

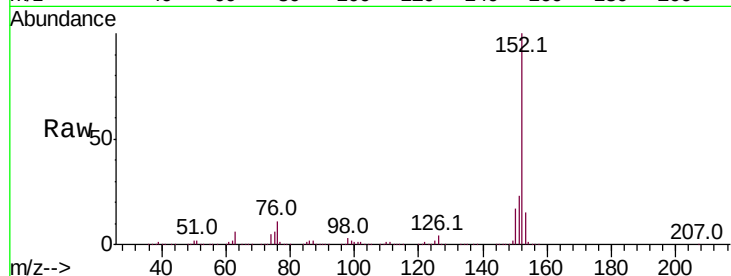
Tot Ion:152 Resp: 3514245

Ion Ratio Lower Upper

152 100

151 23.2 18.6 27.8

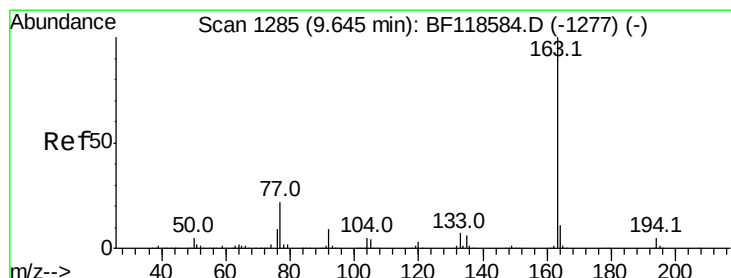
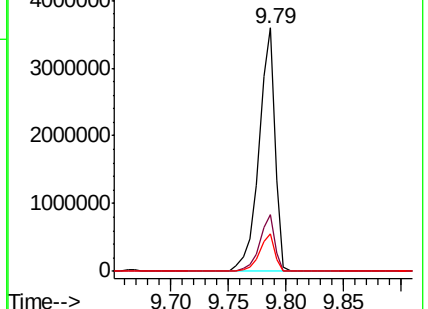
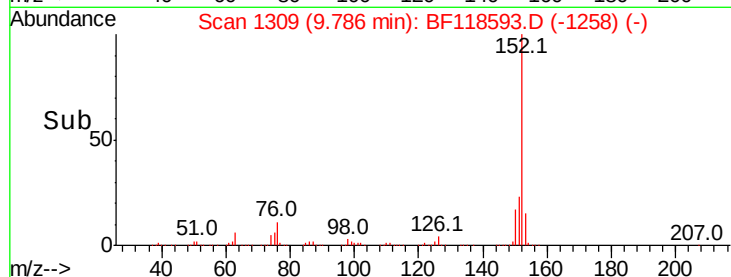
153 15.2 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.851 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

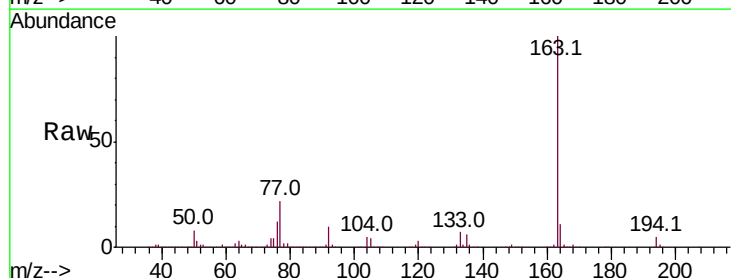
Tgt Ion:163 Resp: 2659400

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

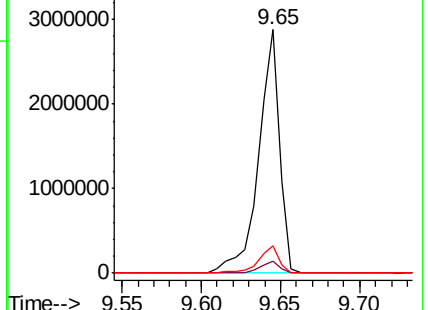
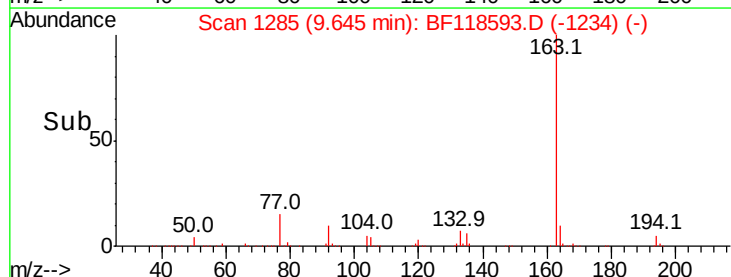
164 11.4 9.1 13.7

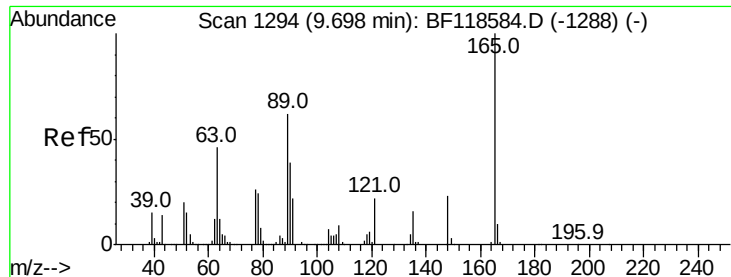


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

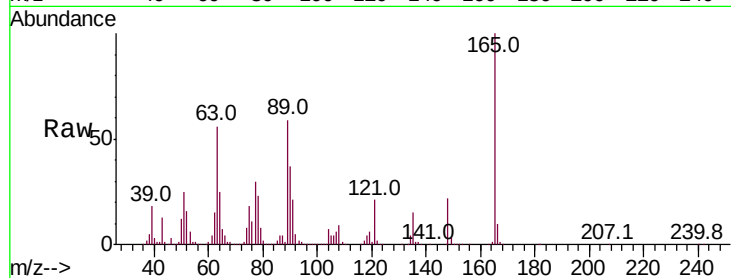




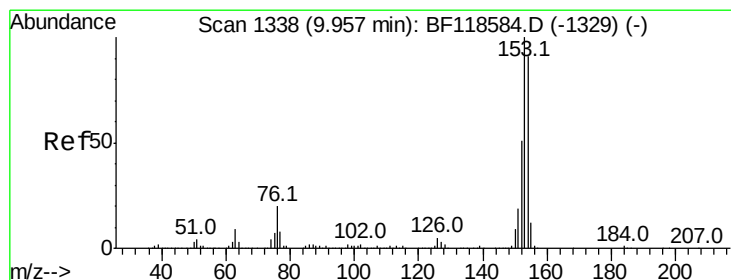
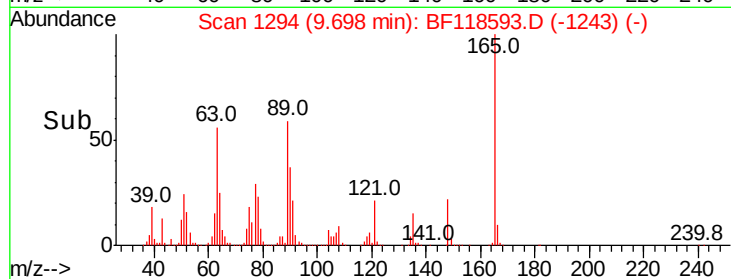
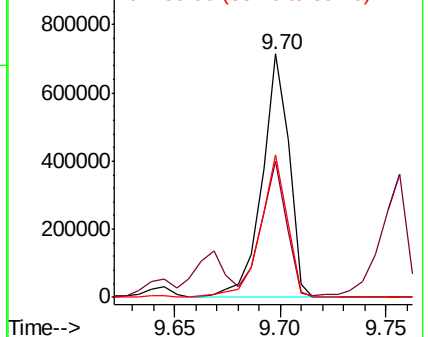
#51
 2,6-Dinitrotoluene
 Concen: 44.587 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	48.9	73.3
89	58.6	49.8	74.6

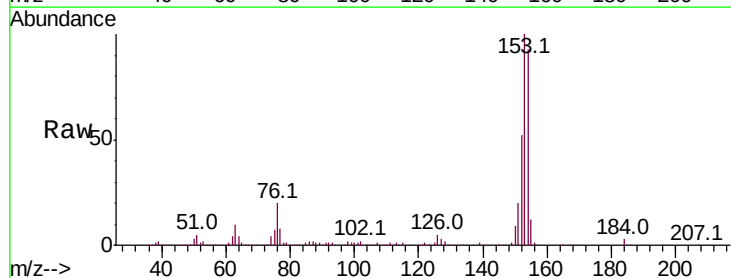


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

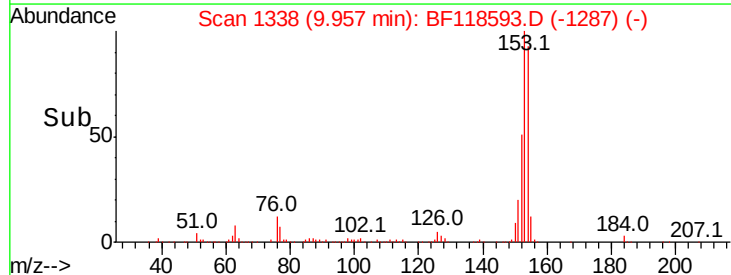
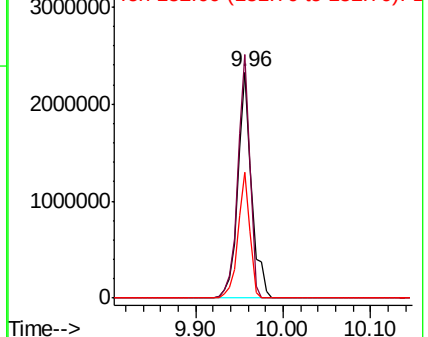


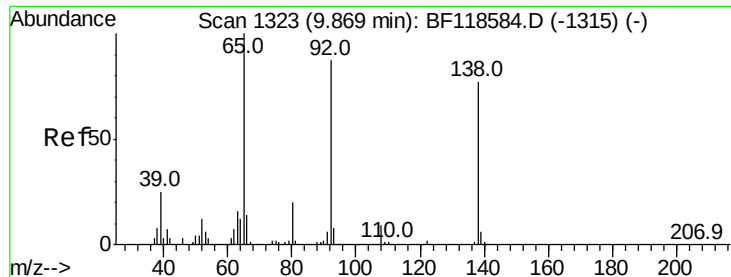
#52
 Acenaphthene
 Concen: 46.249 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.6	87.6	131.4
152	55.6	44.4	66.6



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

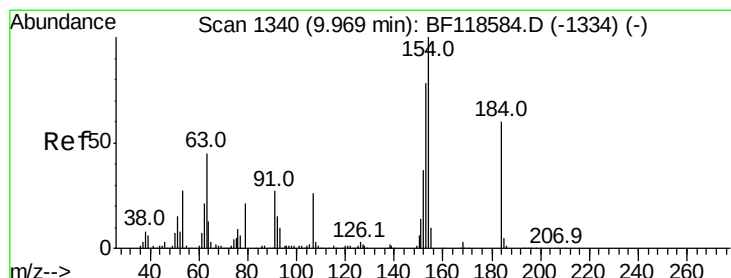
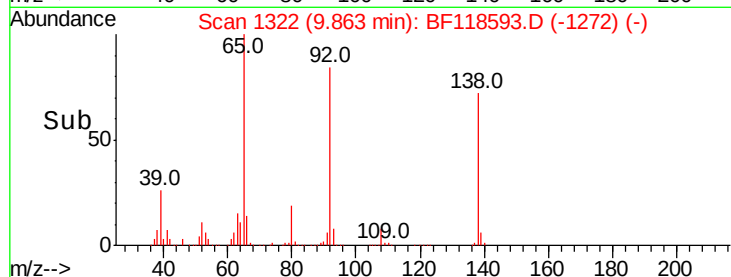
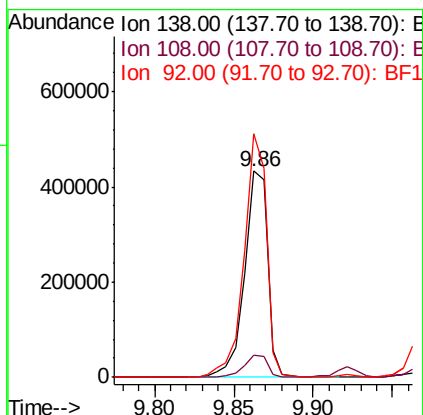
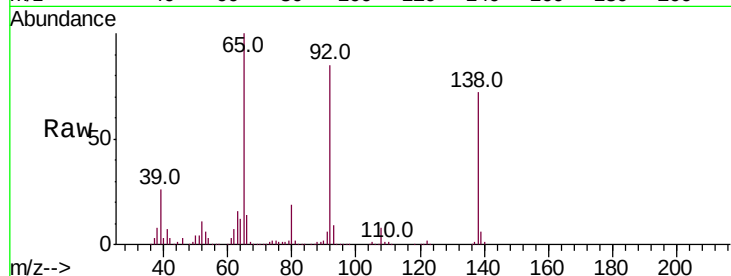




#53
3-Nitroaniline
Concen: 26.899 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

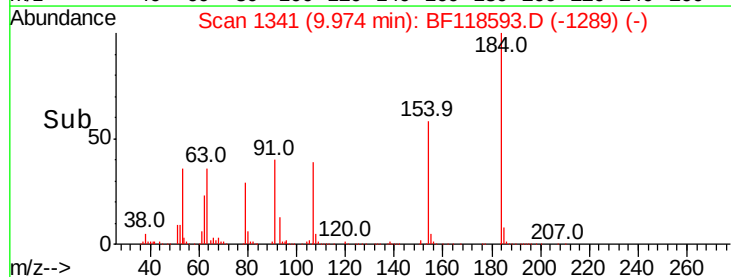
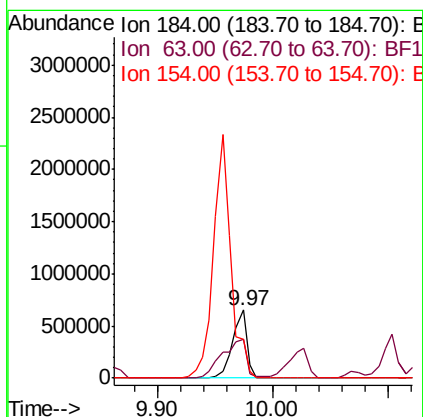
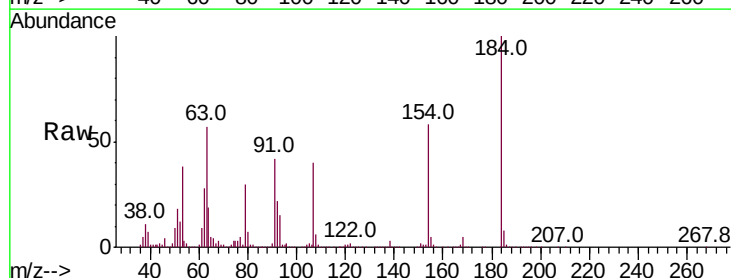
Instrument :
BNA_F
ClientSampleId :

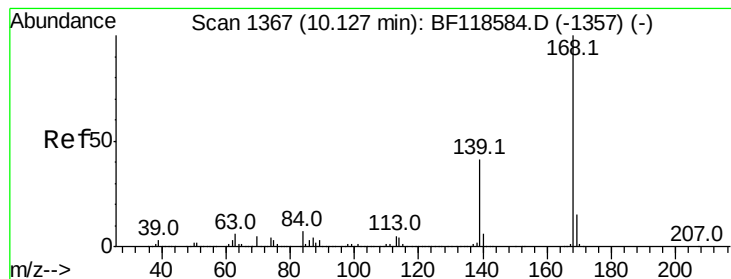
Tot Ion:138 Resp: 437063
Ion Ratio Lower Upper
138 100
108 10.9 9.6 14.4
92 118.0 90.6 136.0



#54
2,4-Dinitrophenol
Concen: 99.950 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:184 Resp: 567785
Ion Ratio Lower Upper
184 100
63 57.1 60.6 90.8#
154 58.0 137.3 205.9#





#55

Dibenzenofuran

Concen: 43.545 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

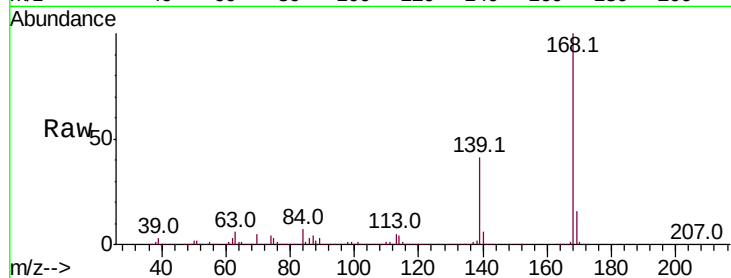
Tot Ion:168 Resp: 3216234

Ion Ratio Lower Upper

168 100

139 40.7 32.7 49.1

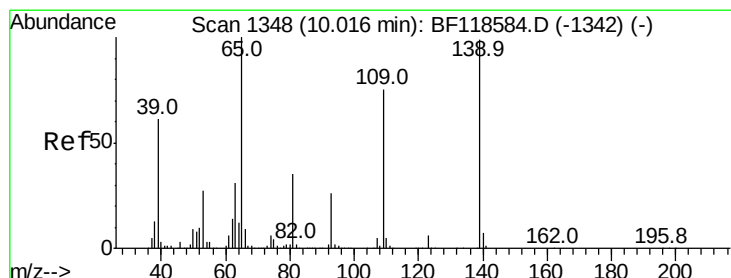
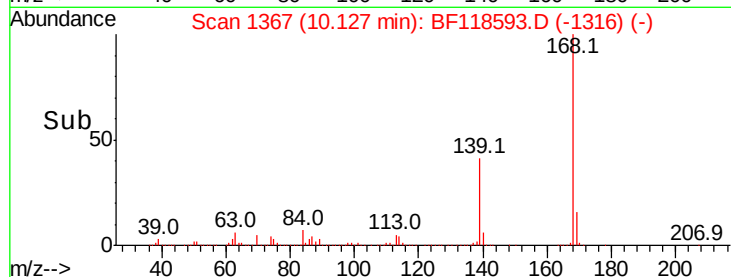
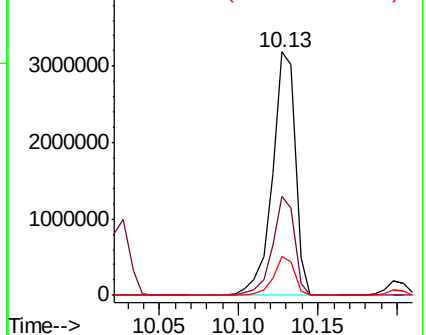
169 15.9 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.510 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

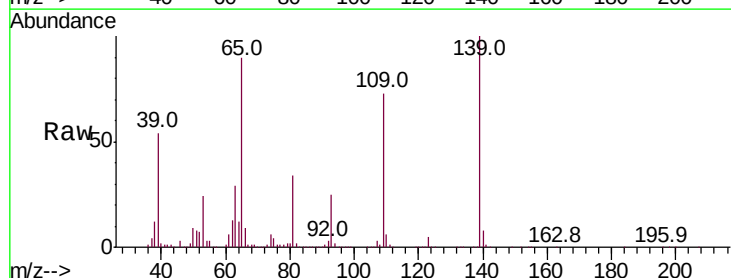
Tgt Ion:139 Resp: 1134706

Ion Ratio Lower Upper

139 100

109 72.6 56.0 96.0

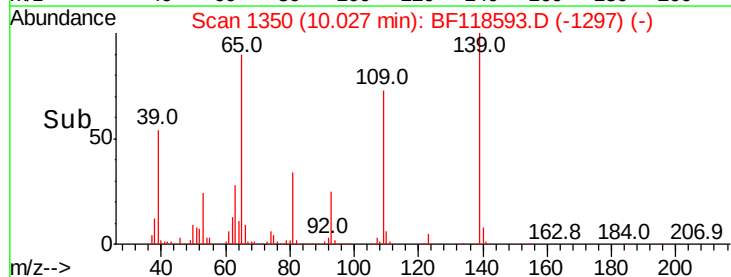
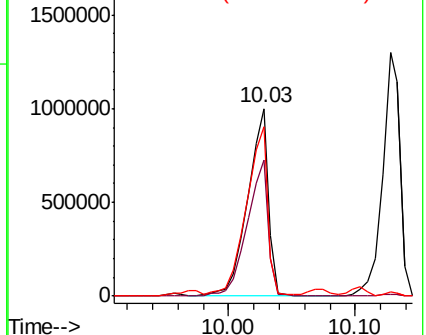
65 90.5 81.4 121.4

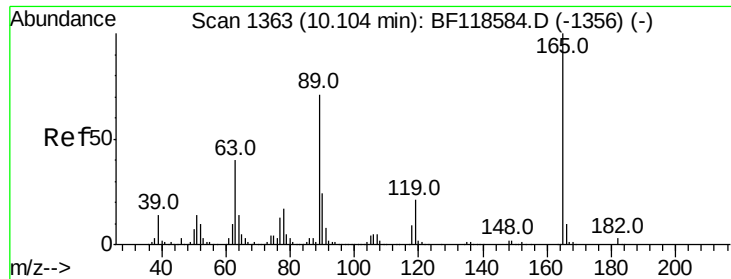


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

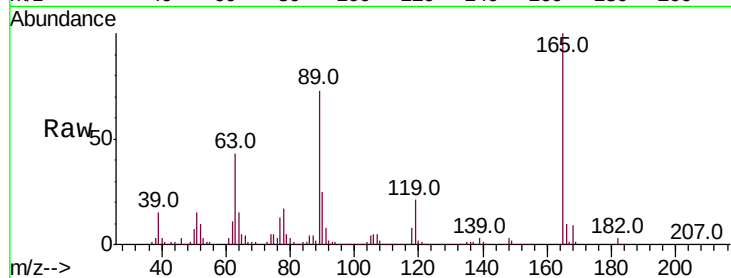




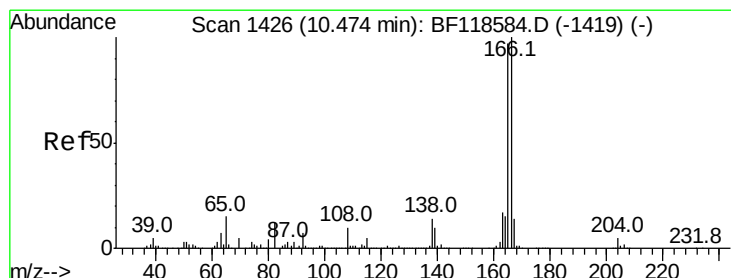
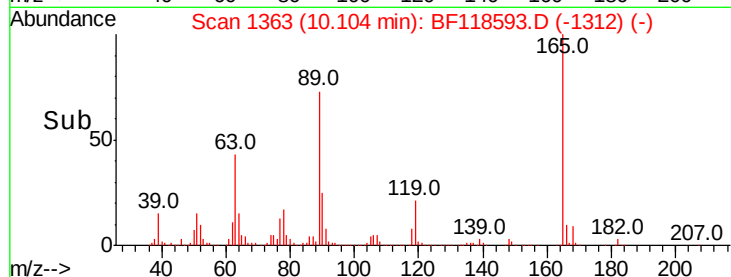
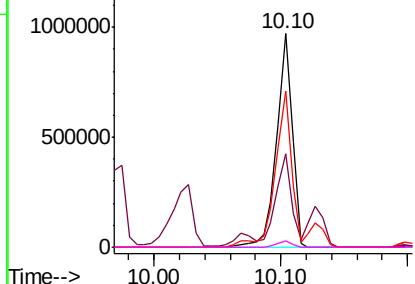
#57
 2,4-Dinitrotoluene
 Concen: 46.259 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	829806	
Ion Ratio	Lower	Upper	
165 100			
63 43.5	32.4	48.6	
89 73.2	56.4	84.6	
182 2.8	2.3	3.5	

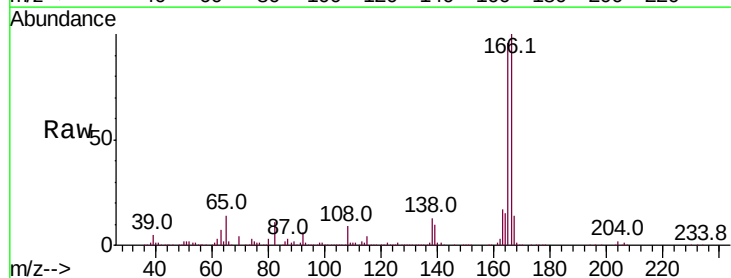


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

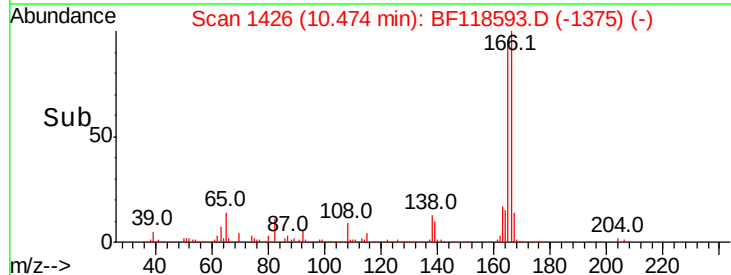
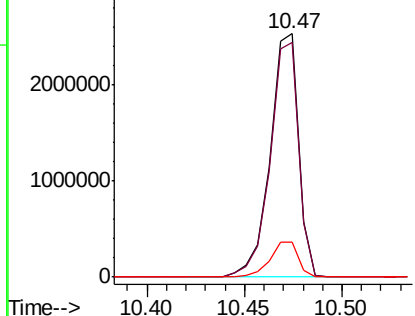


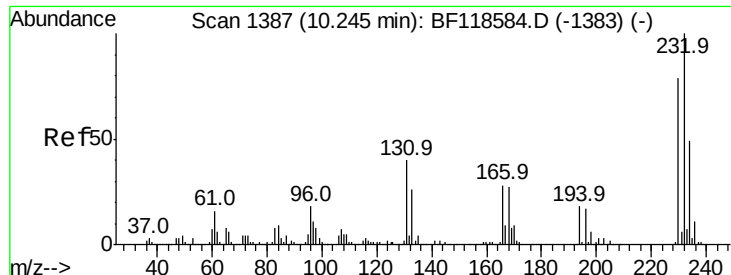
#58
 Fluorene
 Concen: 43.958 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt	Ion:166	Resp:	2548868
Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.3	115.9
167	14.4	11.5	17.3



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

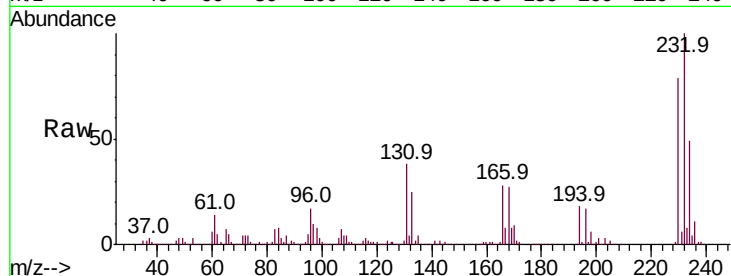




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.362 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.2	49.8
130	2.3	1.8	2.6
166	29.2	22.6	33.8



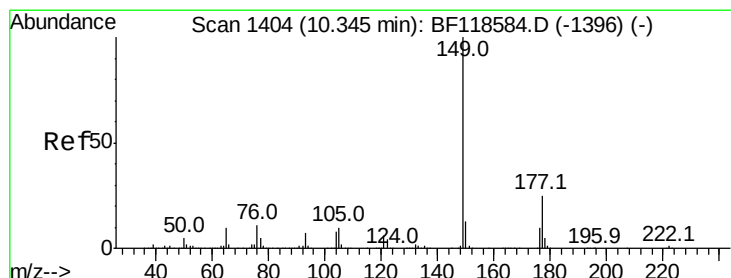
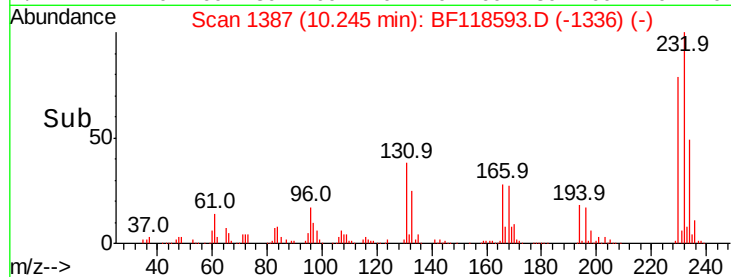
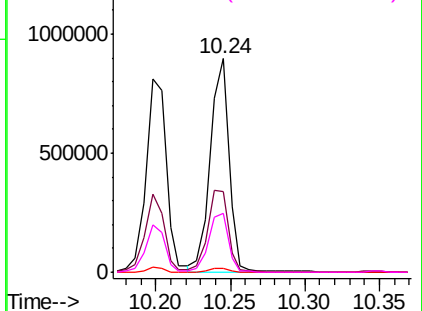
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

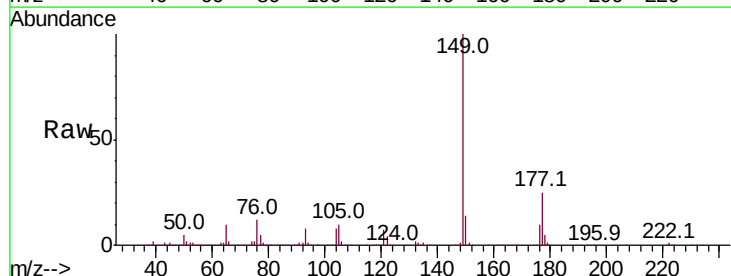
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.486 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.0	30.0
150	13.8	10.6	16.0

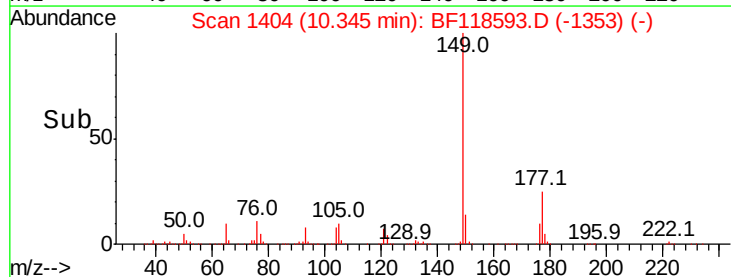
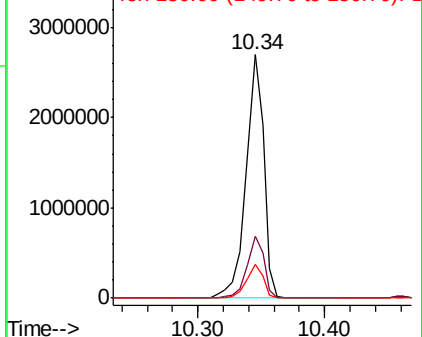


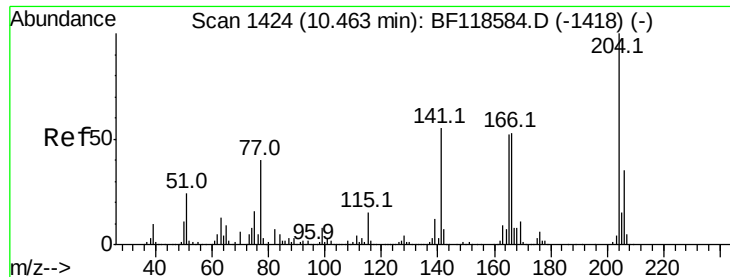
Abundance

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

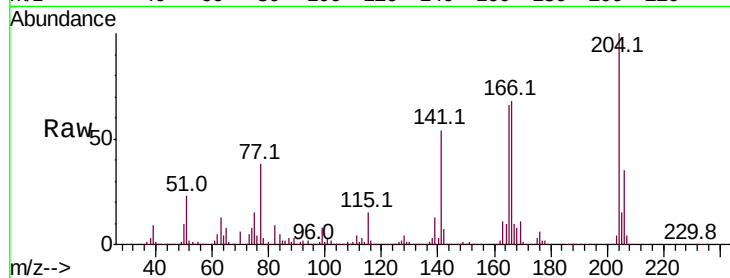




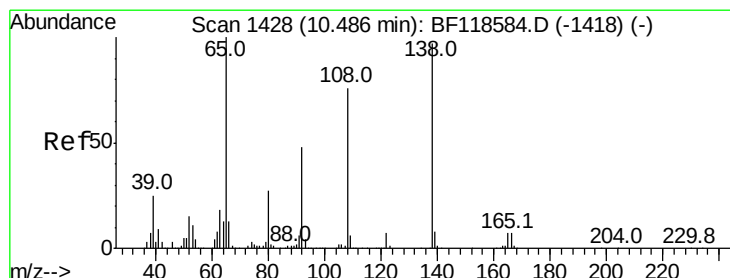
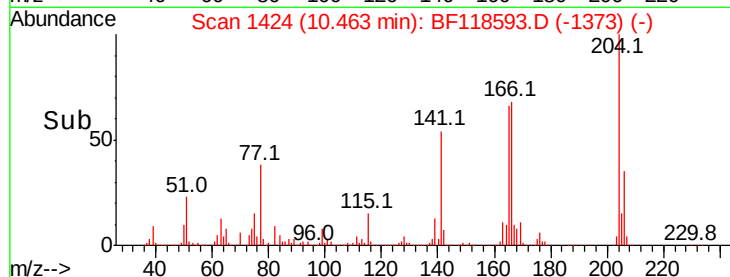
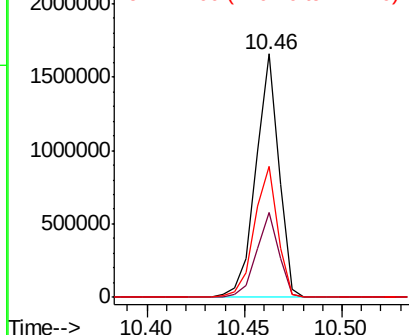
#61
4-Chlorophenyl-phenylether
Concen: 42.885 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1352441
Ion Ratio Lower Upper
204 100
206 35.0 27.8 41.6
141 53.5 43.7 65.5

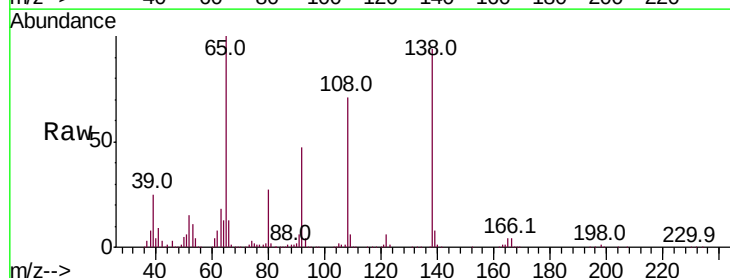


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

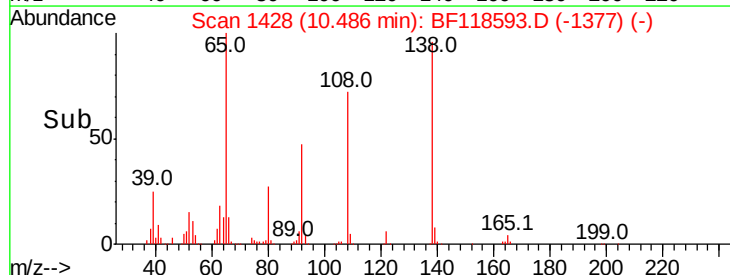
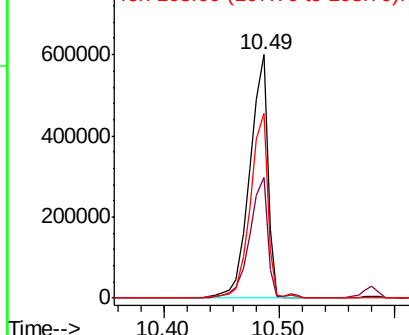


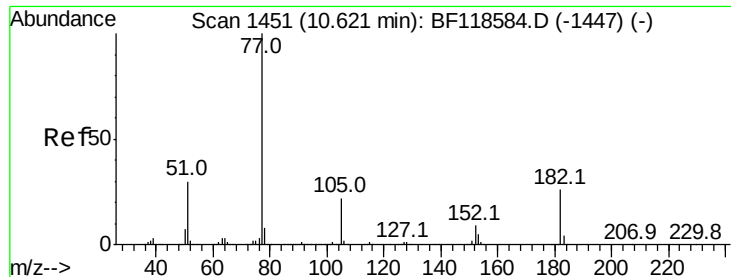
#62
4-Nitroaniline
Concen: 39.107 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:138 Resp: 651784
Ion Ratio Lower Upper
138 100
92 49.5 29.4 69.4
108 75.9 58.2 98.2



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

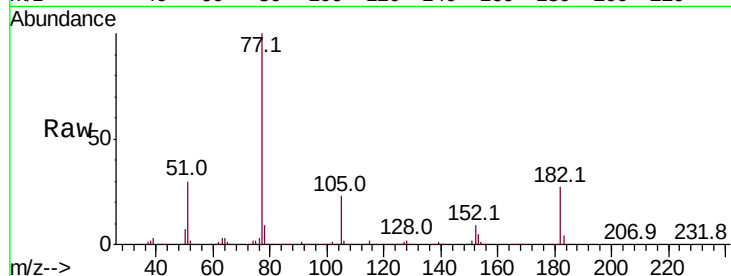




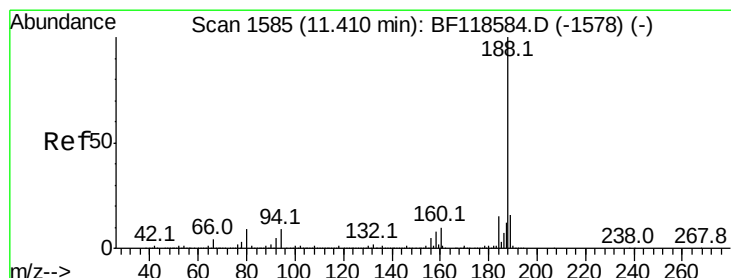
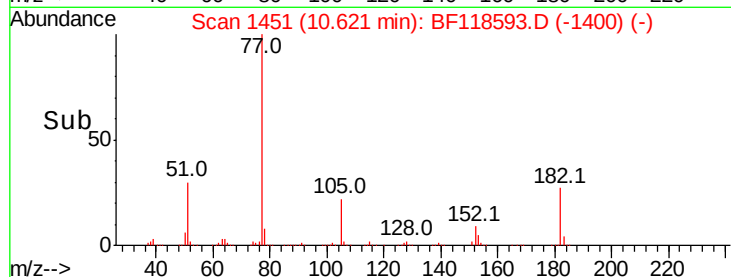
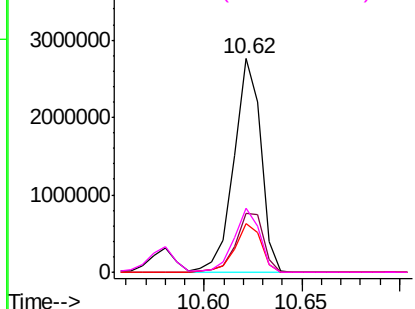
#63
Azobenzene
Concen: 44.255 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2640575
Ion Ratio Lower Upper
77 100
182 27.3 5.6 45.6
105 22.7 2.0 42.0
51 29.7 10.2 50.2

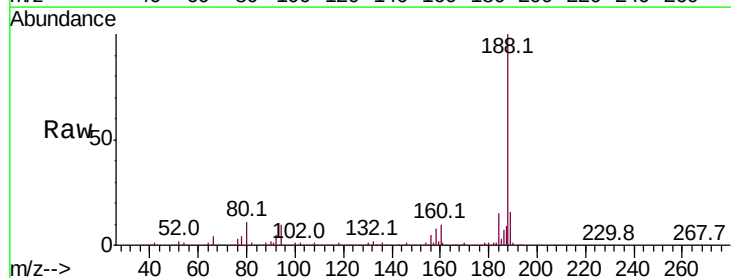


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

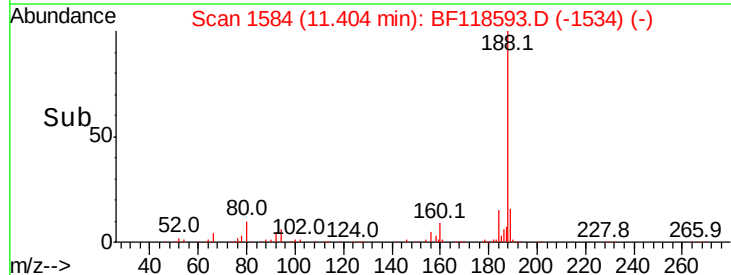
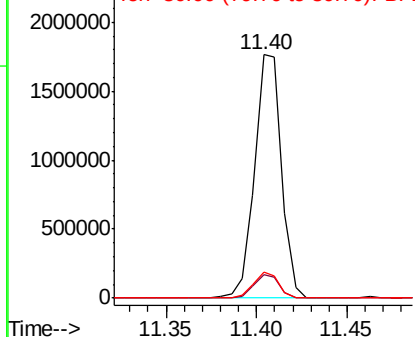


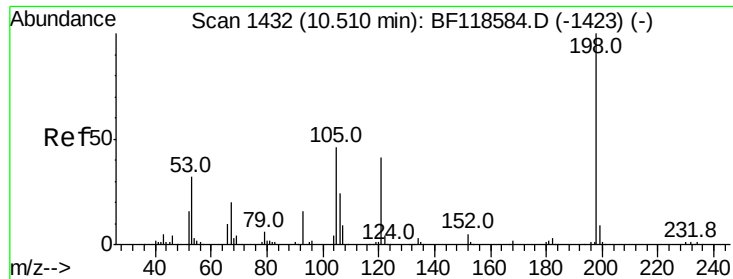
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion: 188 Resp: 1815019
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 10.7 7.5 11.3



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

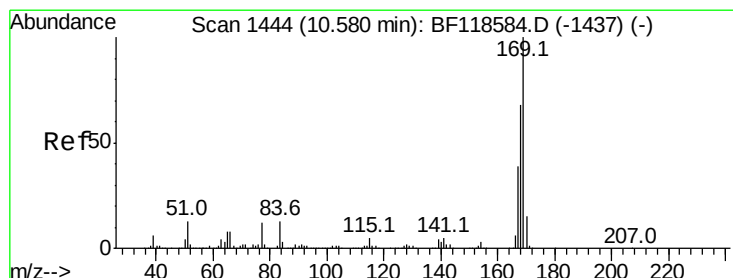
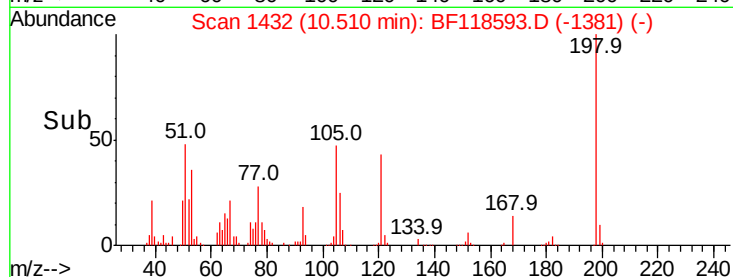
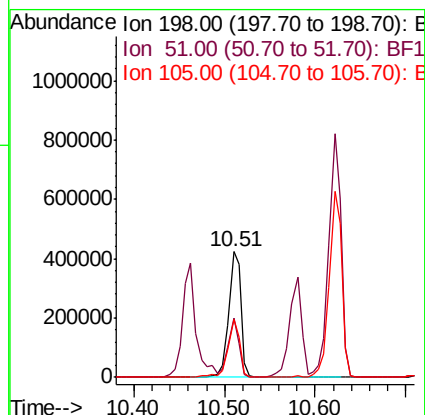
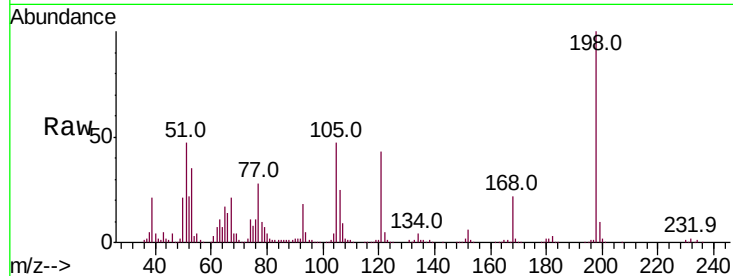




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.835 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

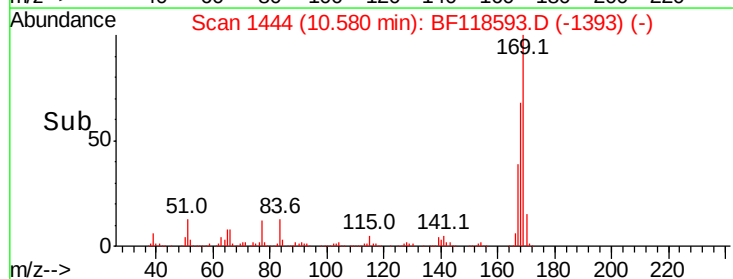
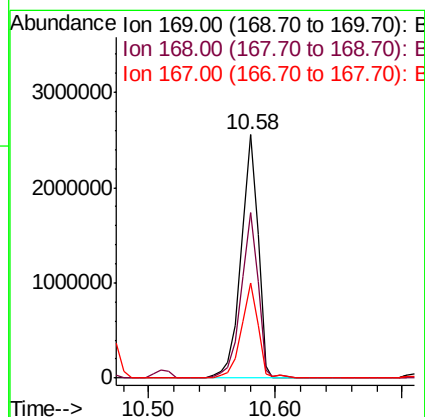
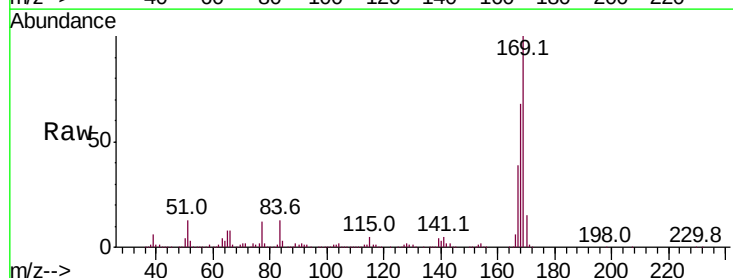
Instrument :
 BNA_F
 ClientSampleId :

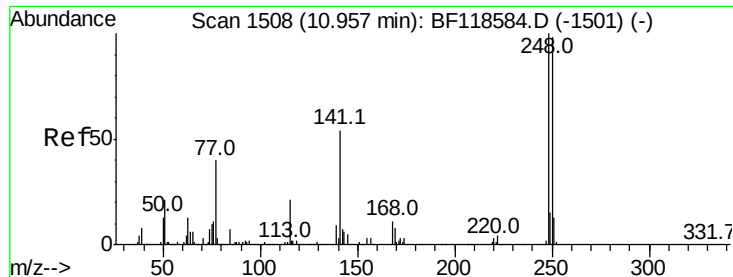
Tot Ion:198 Resp: 389760
 Ion Ratio Lower Upper
 198 100
 51 47.4 25.2 65.2
 105 46.5 26.3 66.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.592 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion:169 Resp: 2331345
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.6 82.0
 167 39.2 30.9 46.3

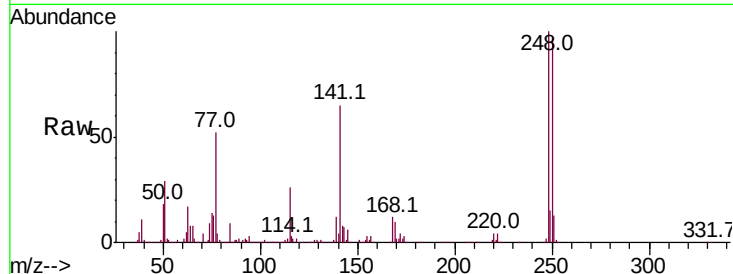




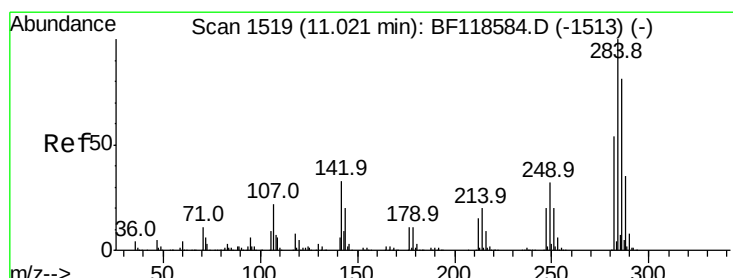
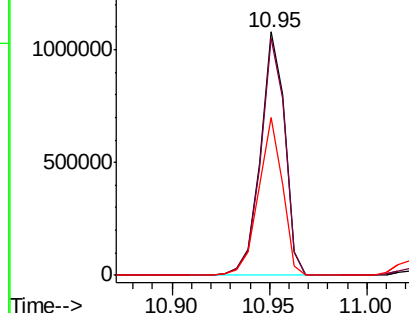
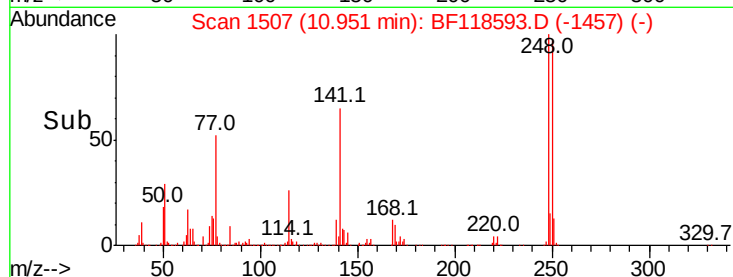
#67
4-Bromophenyl-phenylether
Concen: 41.569 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 932133
Ion Ratio Lower Upper
248 100
250 97.4 78.7 118.1
141 64.7 43.2 64.8

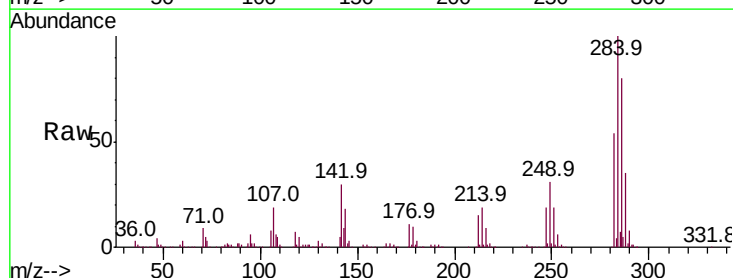


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

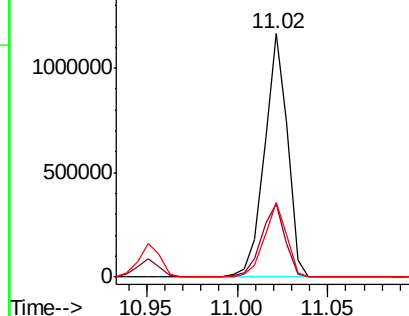
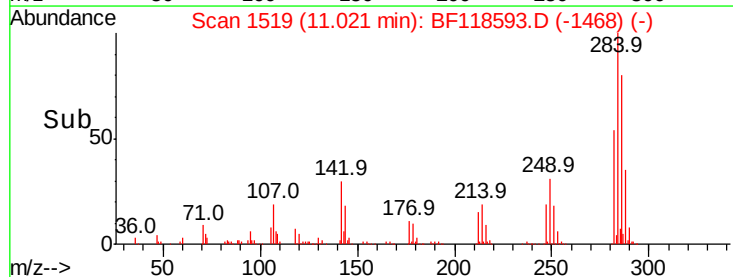


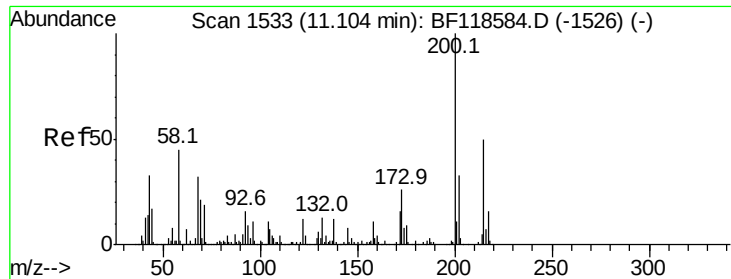
#68
Hexachlorobenzene
Concen: 40.355 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:284 Resp: 1025952
Ion Ratio Lower Upper
284 100
142 30.4 26.6 39.8
249 30.8 25.2 37.8



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

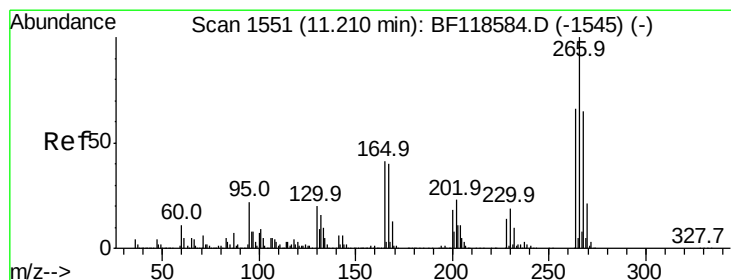
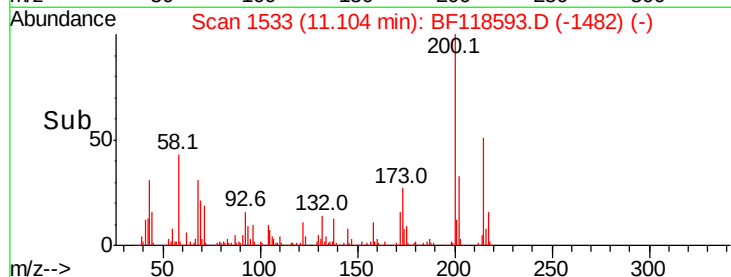
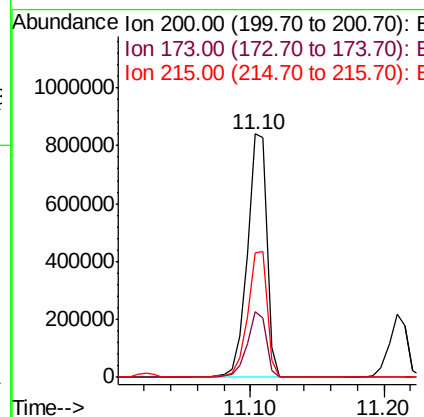
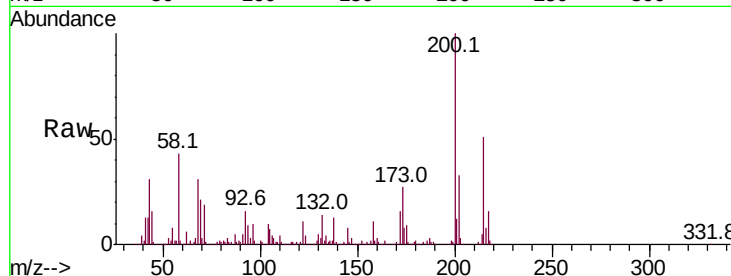




#69
Atrazine
Concen: 44.524 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

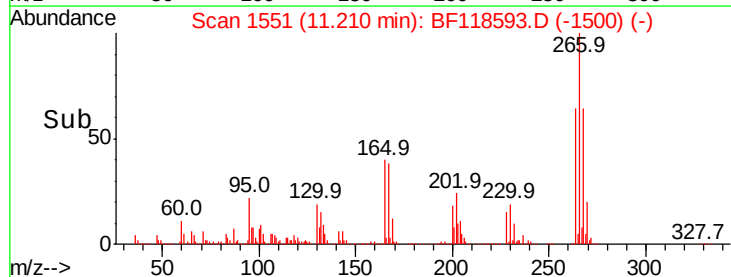
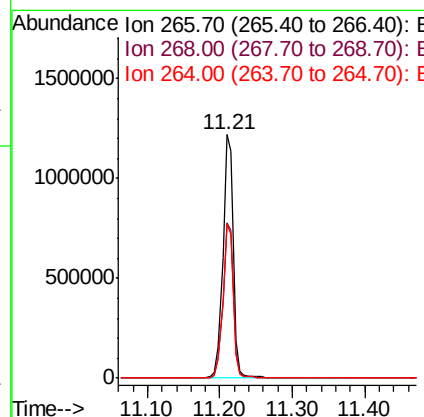
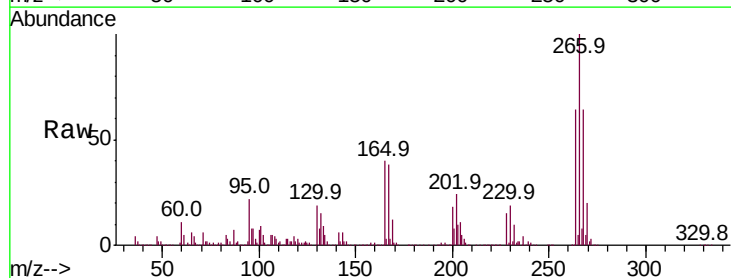
Instrument :
BNA_F
ClientSampleId :

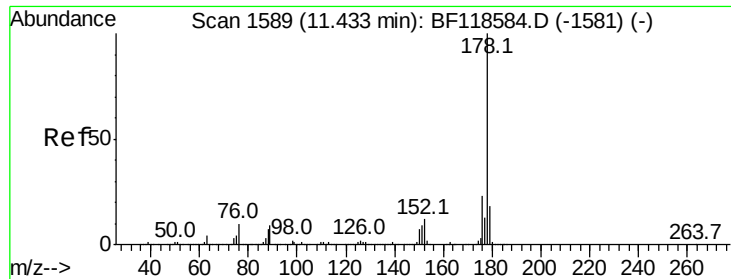
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.3	46.3
215	50.9	30.2	70.2



#70
Pentachlorophenol
Concen: 86.708 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.1	78.1
264	63.5	52.4	78.6

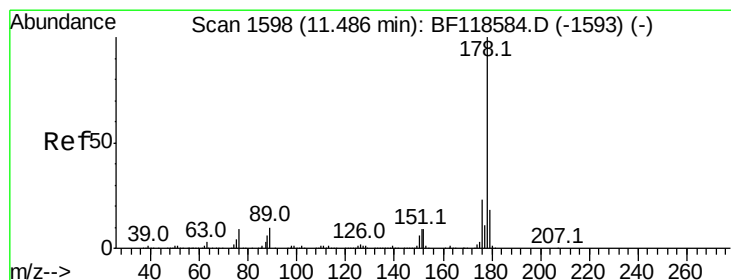
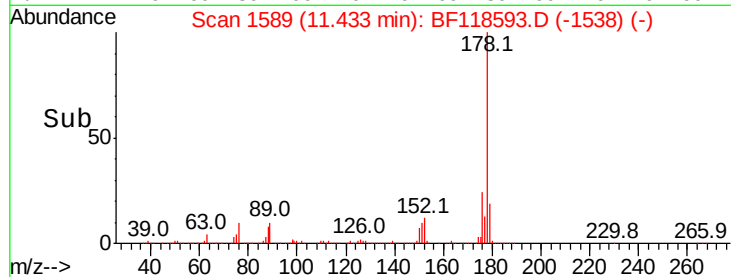
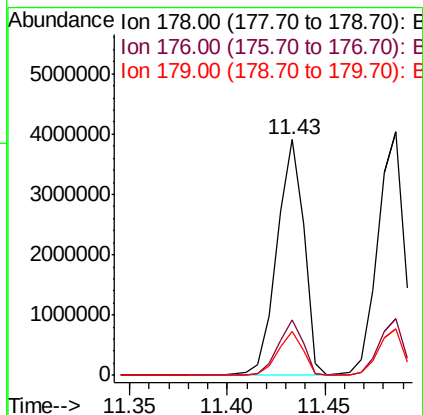
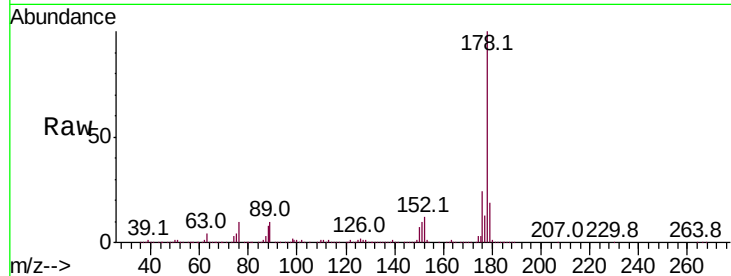




#71
Phenanthrene
Concen: 42.736 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

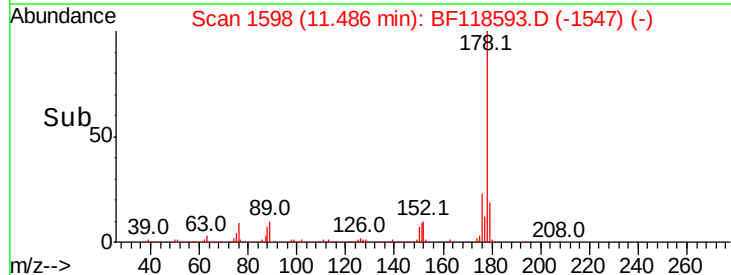
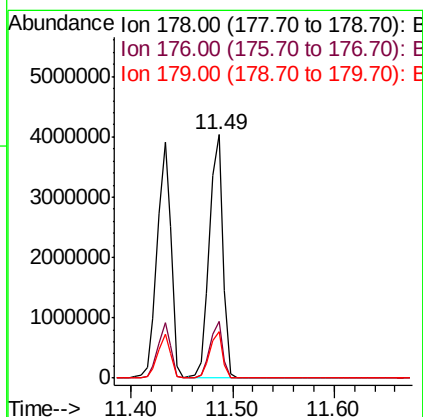
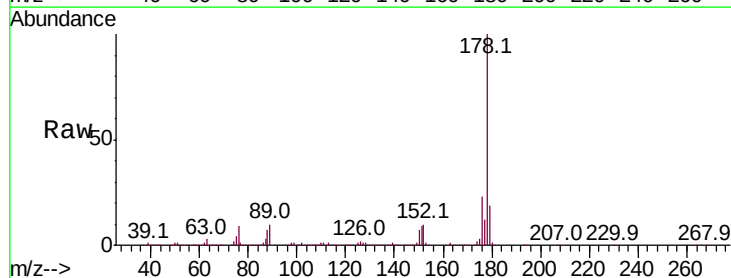
Instrument :
BNA_F
ClientSampled :

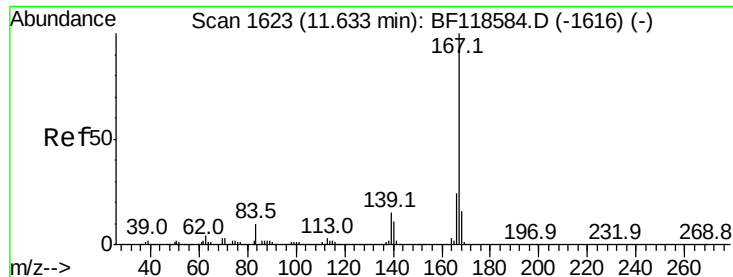
Tot Ion:178 Resp: 3742123
Ion Ratio Lower Upper
178 100
176 23.8 18.6 27.8
179 18.6 14.7 22.1



#72
Anthracene
Concen: 43.481 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:178 Resp: 3767377
Ion Ratio Lower Upper
178 100
176 23.1 18.0 27.0
179 19.0 14.7 22.1





#73

Carbazole

Concen: 42.711 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

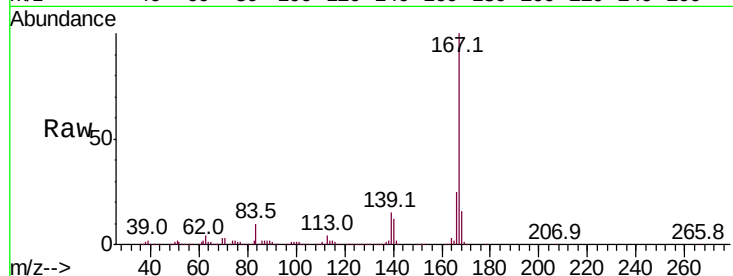
Tot Ion:167 Resp: 3394371

Ion Ratio Lower Upper

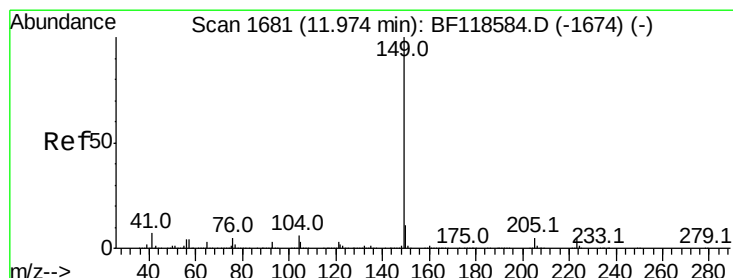
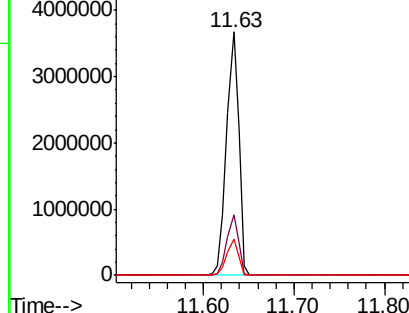
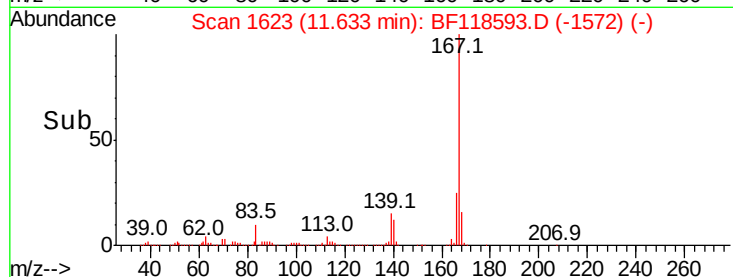
167 100

166 25.0 19.4 29.2

139 15.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
5000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.481 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

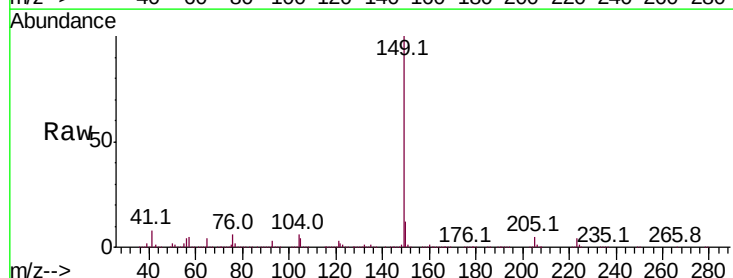
Tgt Ion:149 Resp: 3750933

Ion Ratio Lower Upper

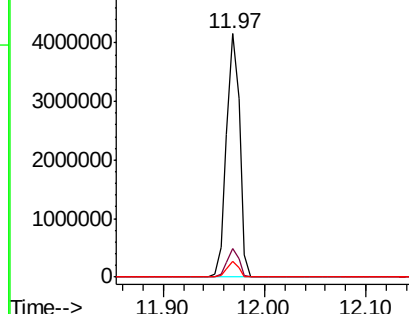
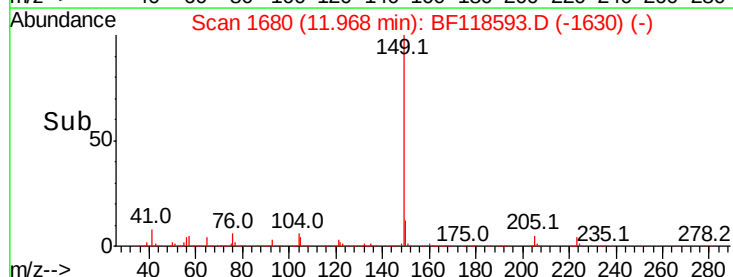
149 100

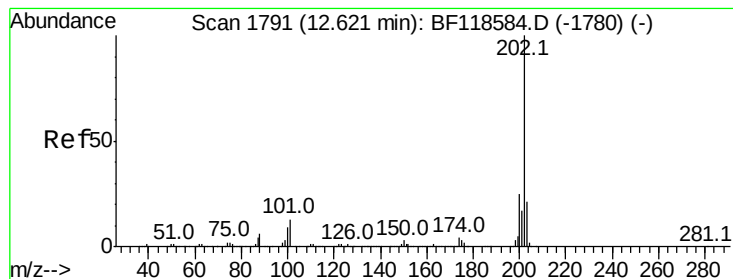
150 11.5 8.7 13.1

104 6.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.305 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

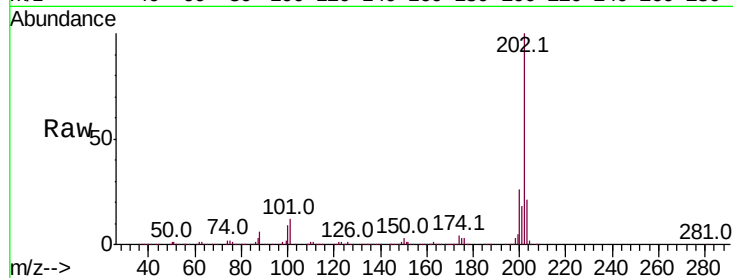
Tot Ion:202 Resp: 3907051

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.5

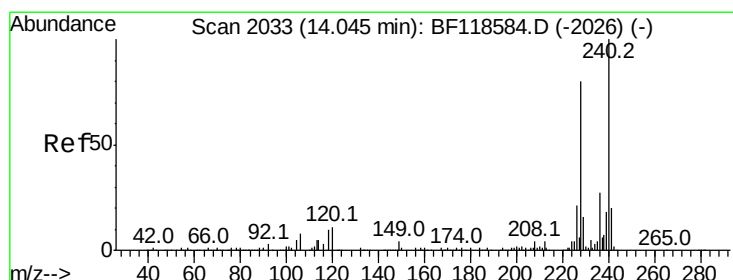
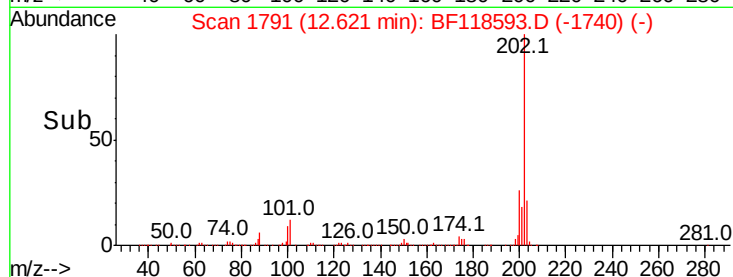
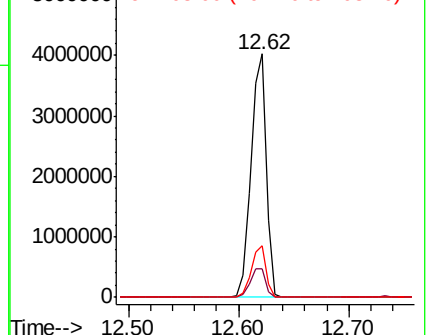
203 21.4 0.8 40.8



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: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

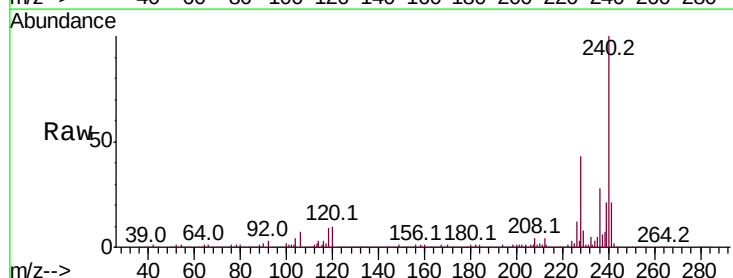
Tgt Ion:240 Resp: 1445424

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

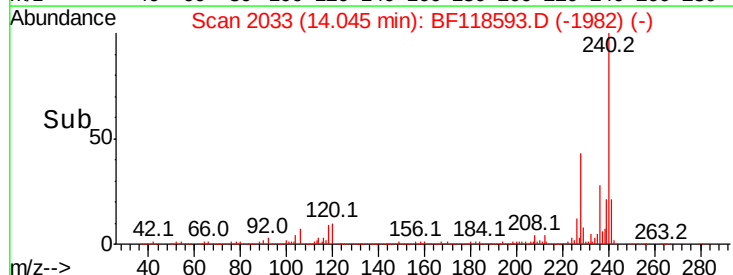
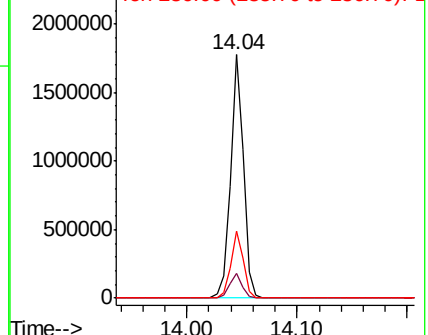
236 27.6 21.5 32.3

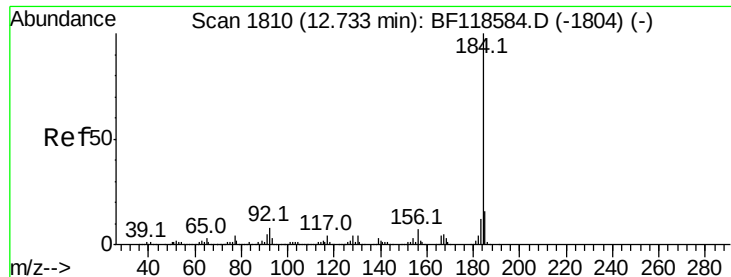


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.608 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

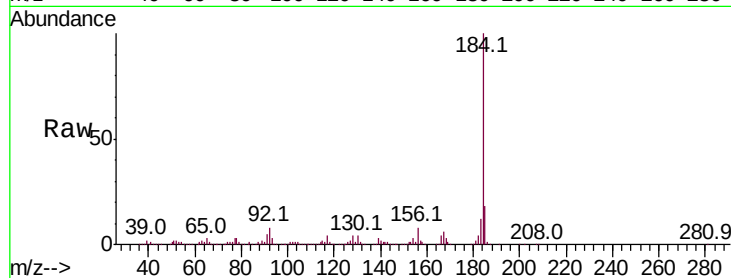
Tot Ion:184 Resp: 2302105

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.9	19.3
183	12.5	9.6	14.4

184 100

185 18.5 12.9 19.3

183 12.5 9.6 14.4

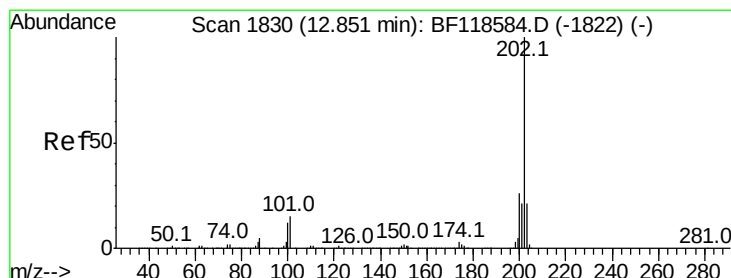
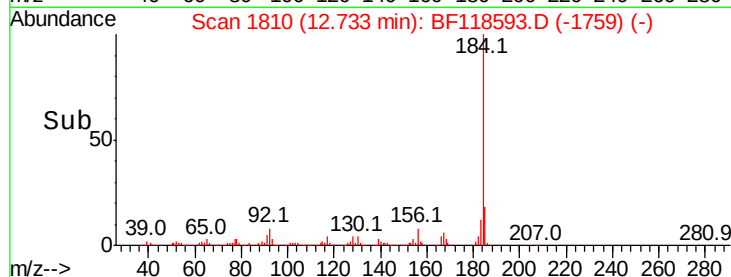
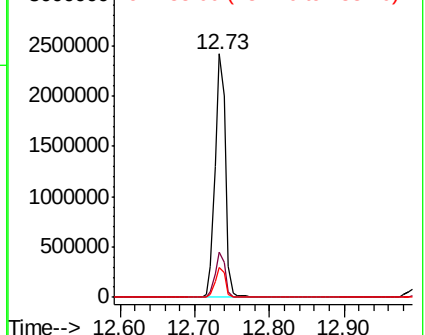


Abundance

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: 40.718 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

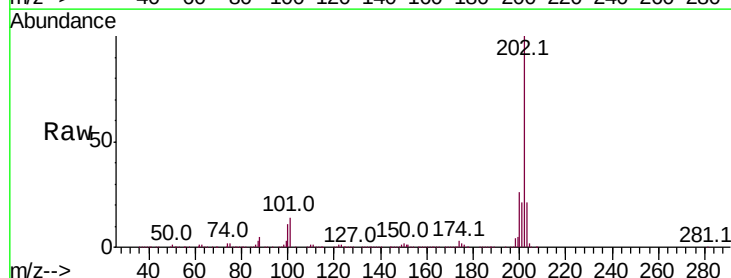
Tgt Ion:202 Resp: 3995672

Ion	Ratio	Lower	Upper
202	100		
200	26.2	20.6	31.0
203	21.3	16.8	25.2

202 100

200 26.2 20.6 31.0

203 21.3 16.8 25.2

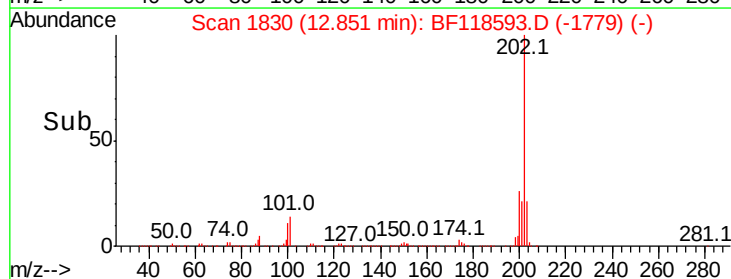
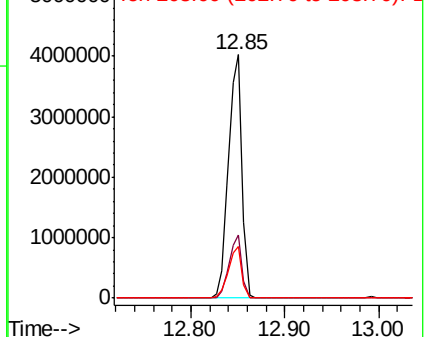


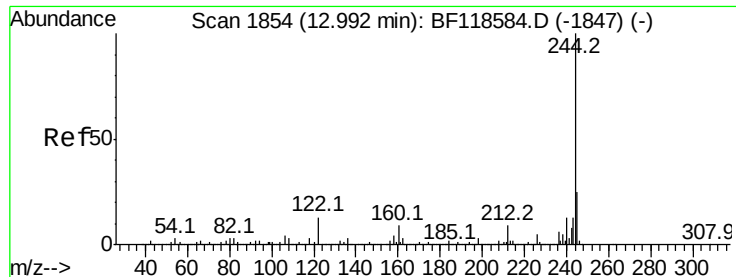
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.641 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

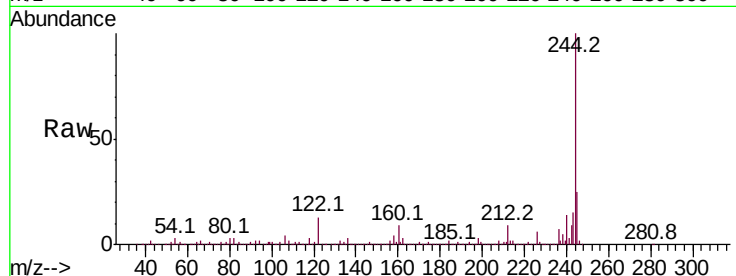
Tot Ion:244 Resp: 4946491

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

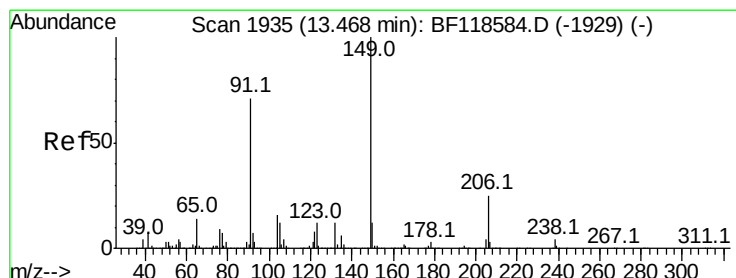
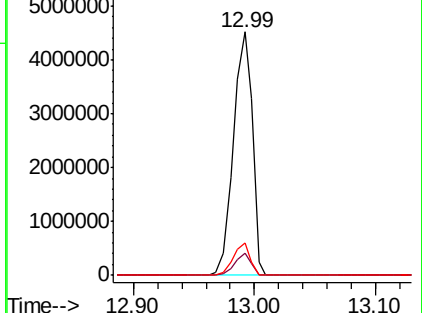
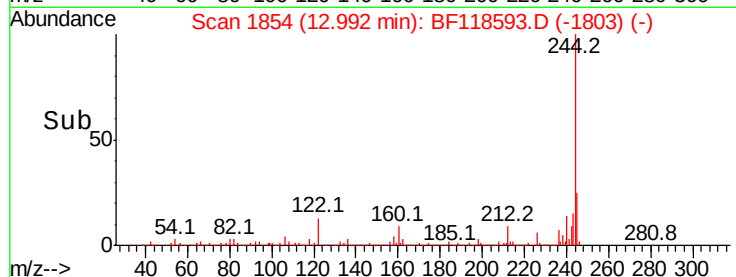
122 13.1 10.7 16.1



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: 41.003 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

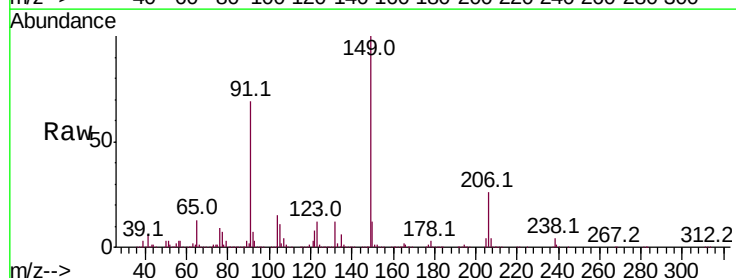
Tgt Ion:149 Resp: 1646733

Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

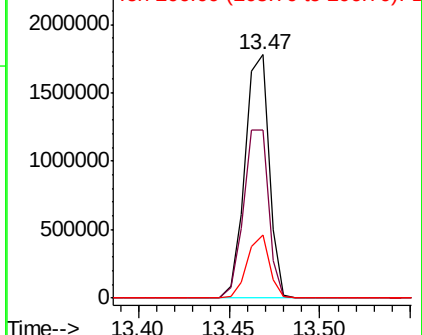
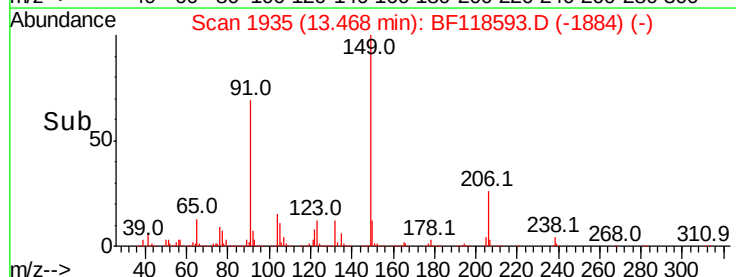
206 26.0 19.9 29.9

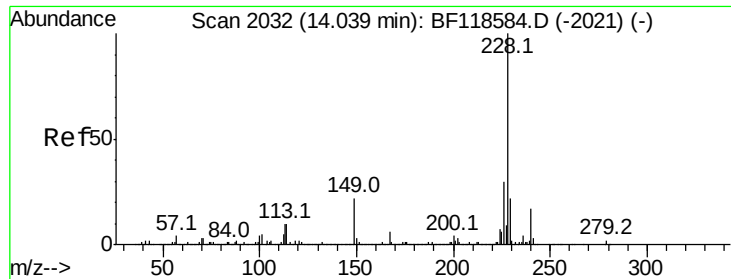


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

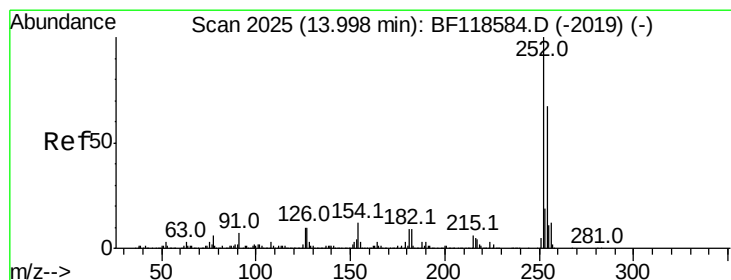
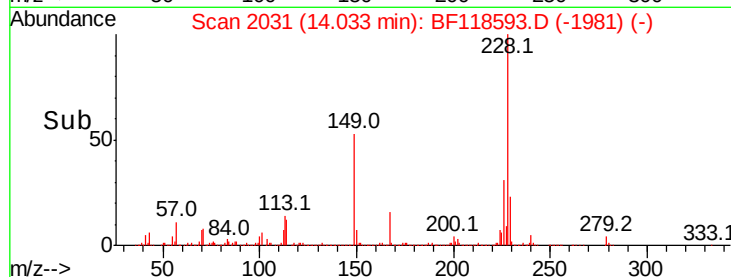
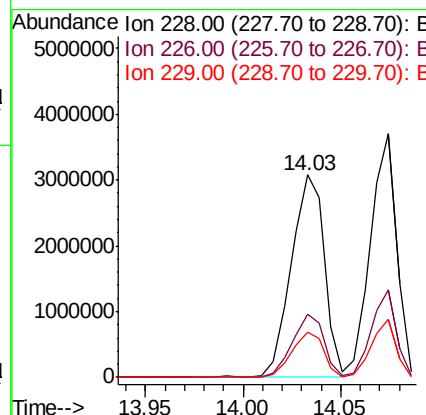
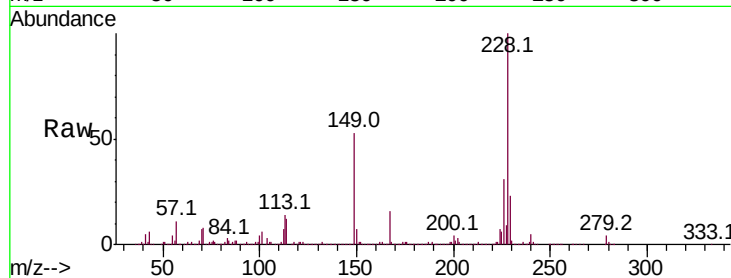




#81
Benzo(a)anthracene
Concen: 41.535 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

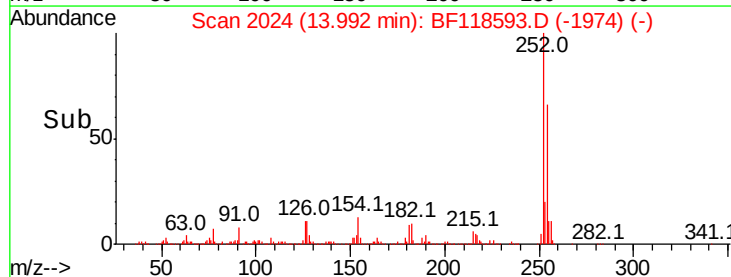
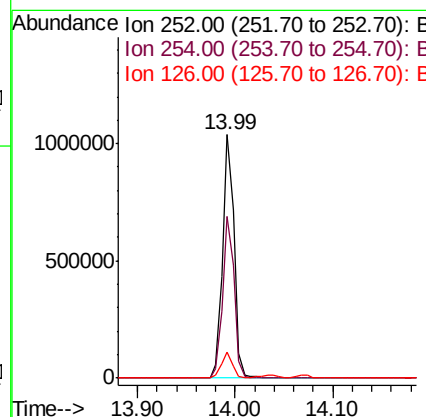
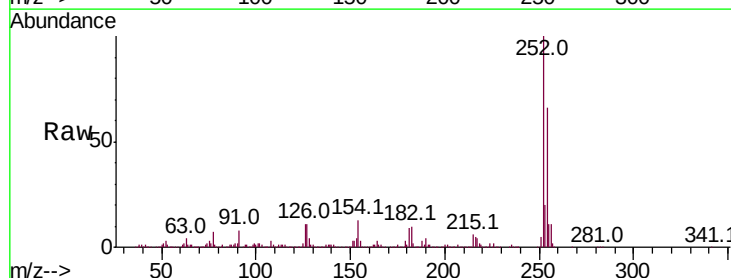
Instrument :
BNA_F
ClientSampled :

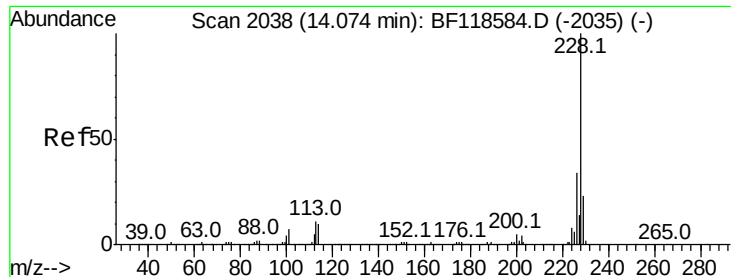
Tot Ion:228 Resp: 3611493
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 22.6 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 27.403 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:252 Resp: 849035
Ion Ratio Lower Upper
252 100
254 66.4 53.4 80.2
126 10.9 8.0 12.0





#83

Chrysene

Concen: 41.508 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

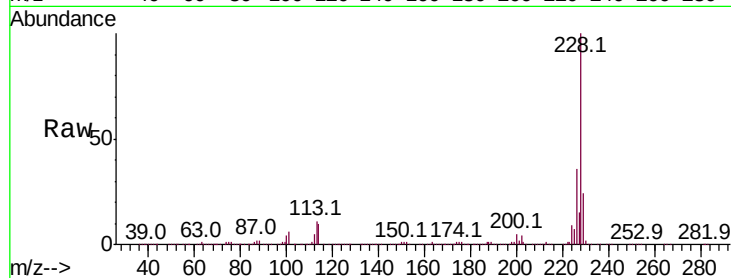
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3459013

Ion	Ratio	Lower	Upper
228	100		
226	36.0	27.4	41.0
229	23.7	18.3	27.5

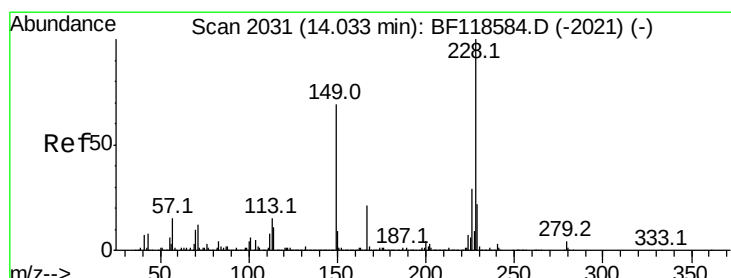
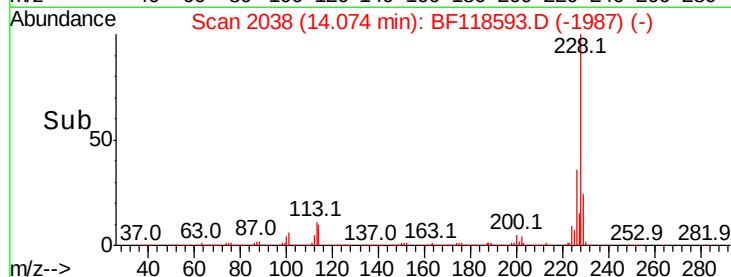
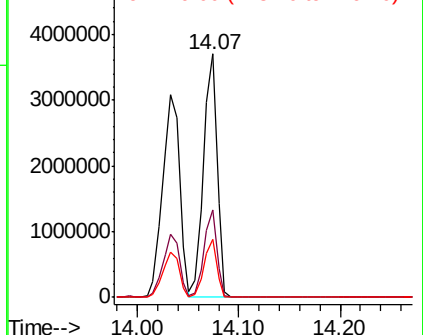


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.078 ng

RT: 14.03 min Scan# 2030

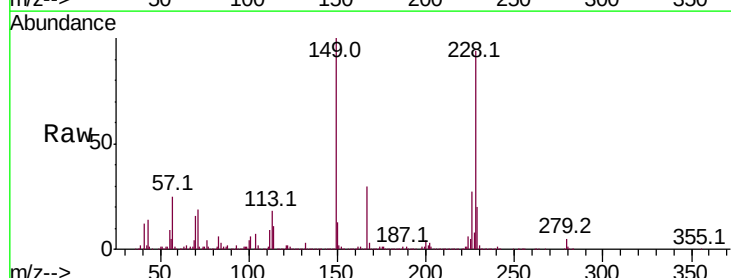
Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:149 Resp: 2113660

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.2	36.4
279	5.5	5.0	7.4

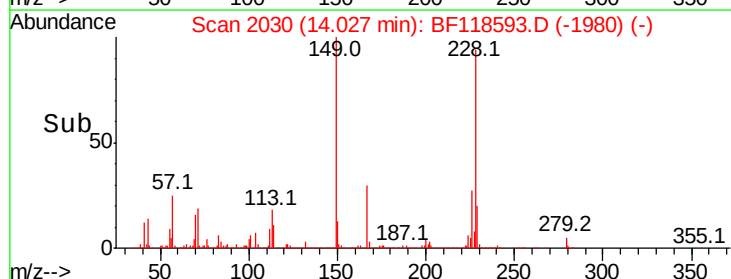
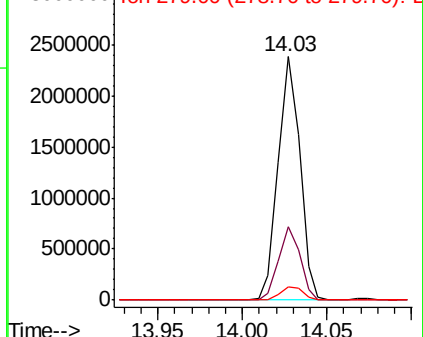


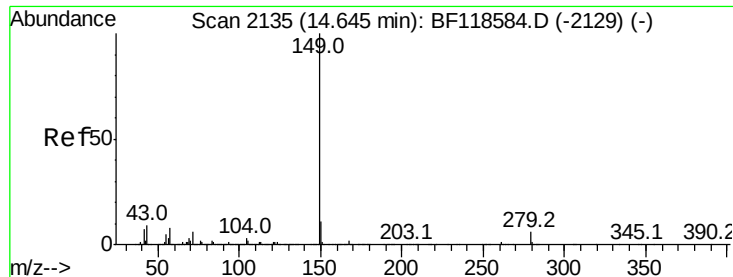
Abundance

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: 45.656 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

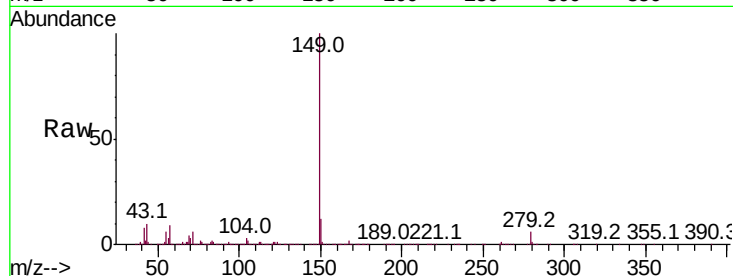
Tot Ion:149 Resp: 3315864

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

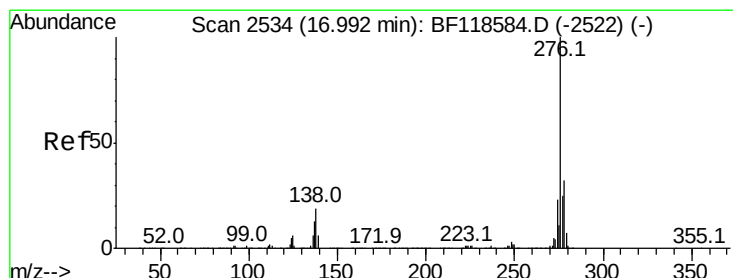
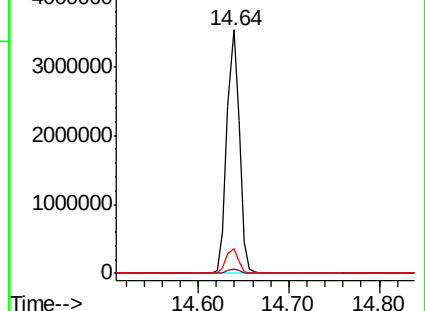
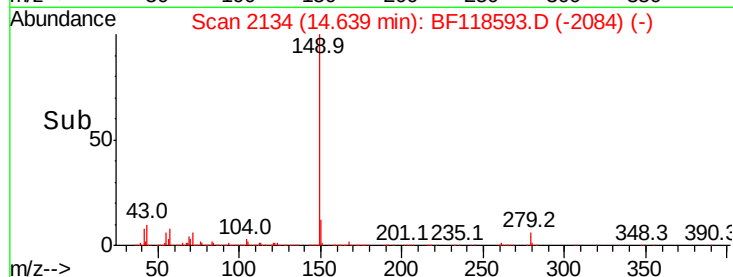
43 10.2 8.1 12.1



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: 39.944 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

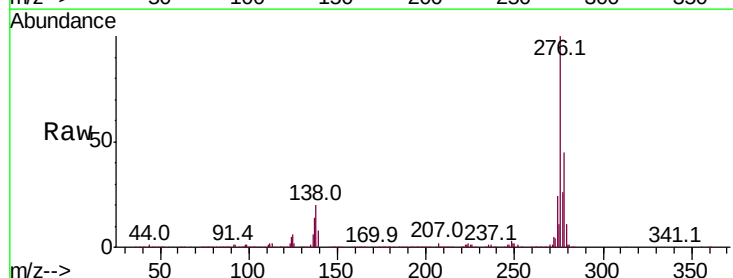
Tgt Ion:276 Resp: 2892293

Ion Ratio Lower Upper

276 100

138 21.7 17.2 25.8

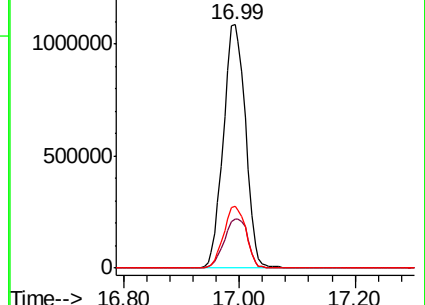
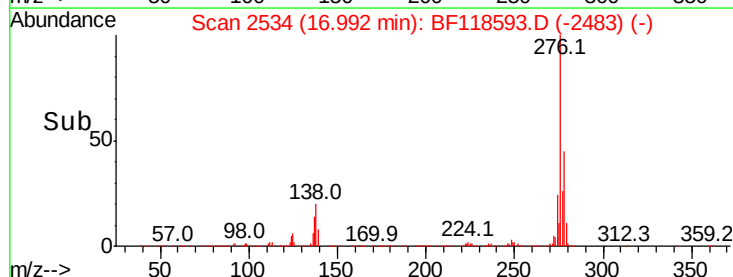
277 25.7 20.5 30.7

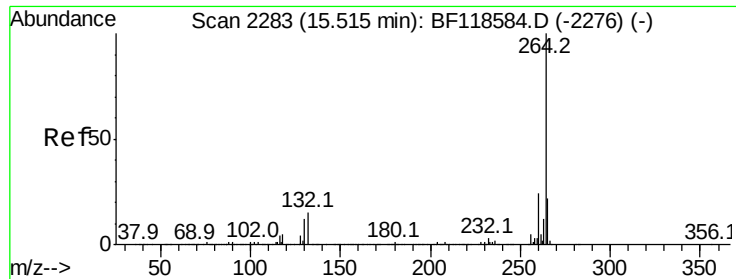


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



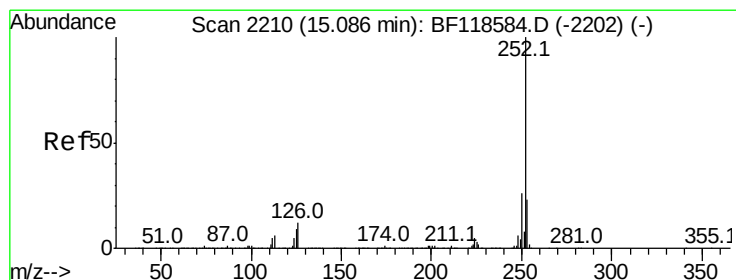
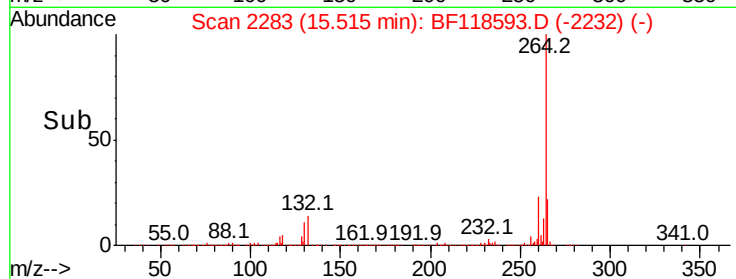
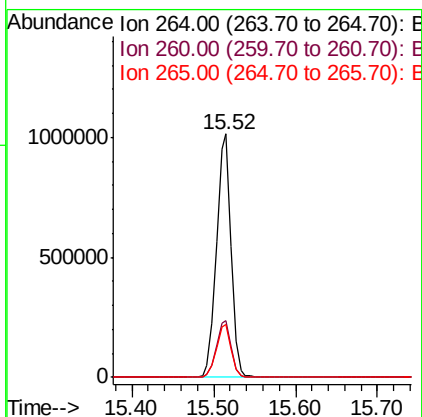
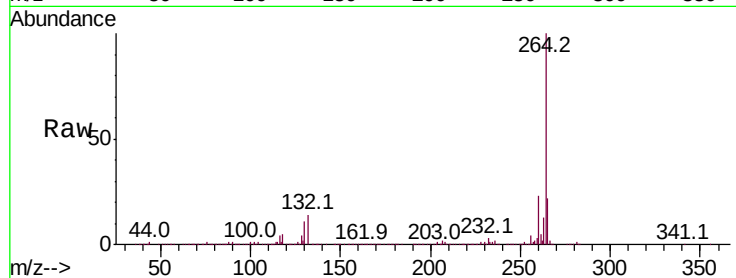


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1264426

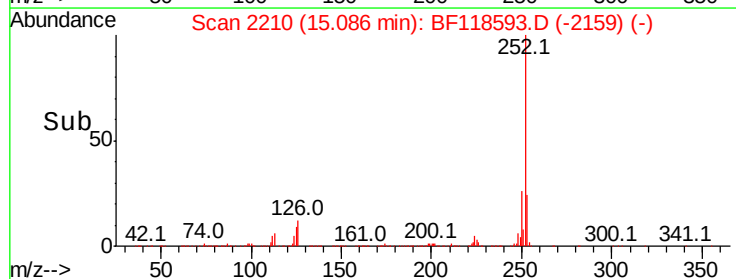
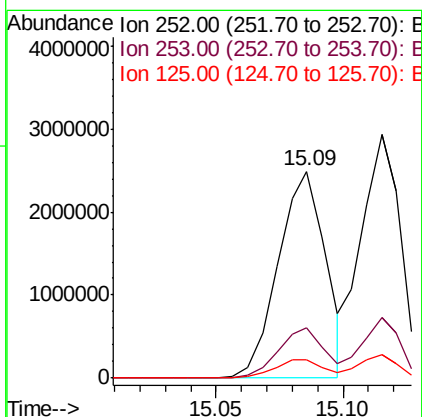
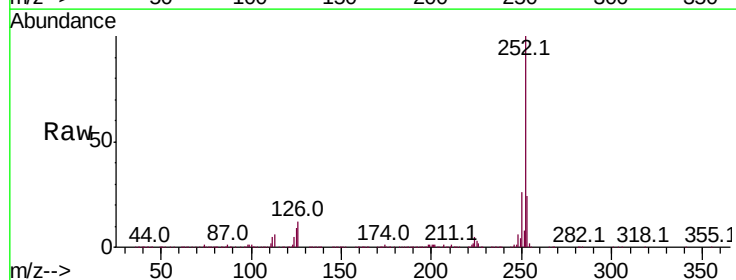
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.8	17.7	26.5

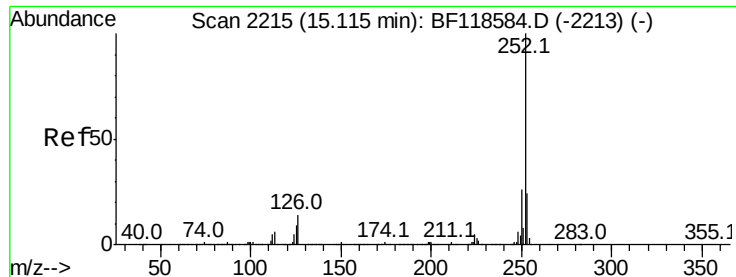


#88
Benzo(b)fluoranthene
Concen: 40.757 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:252 Resp: 3239327

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	9.1	7.3	10.9

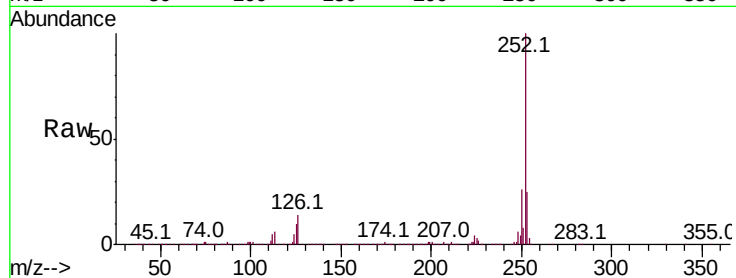




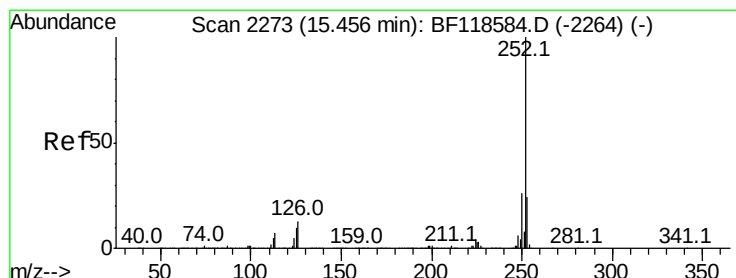
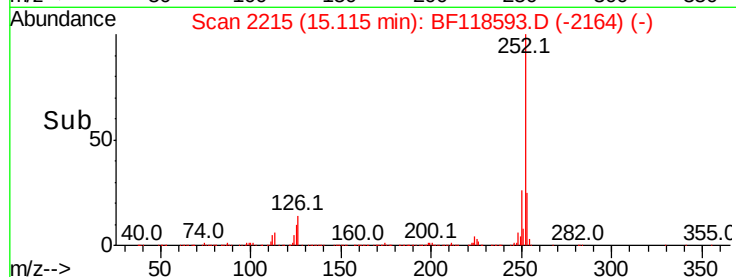
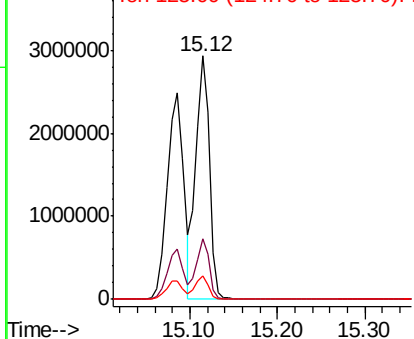
#89
Benzo(k)fluoranthene
Concen: 43.436 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3198357
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.4
125 9.7 7.6 11.4

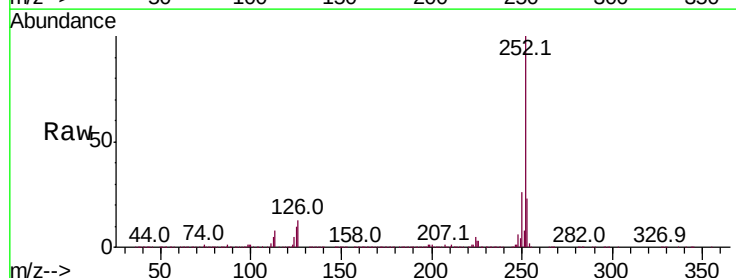


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

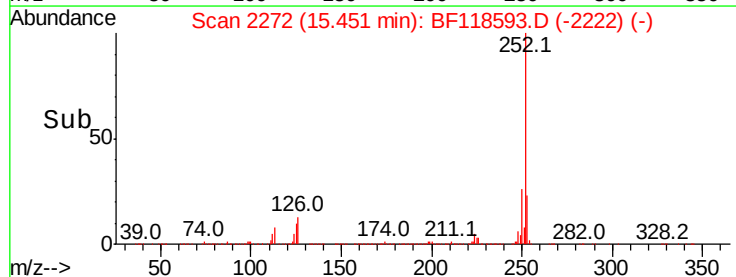
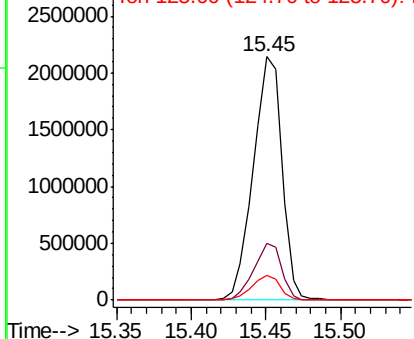


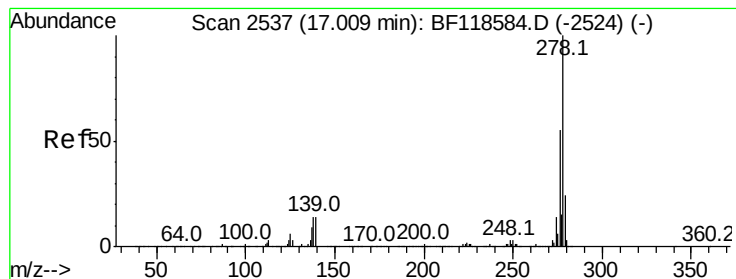
#90
Benzo(a)pyrene
Concen: 41.311 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:252 Resp: 2832314
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 10.4 7.8 11.6



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: 40.353 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

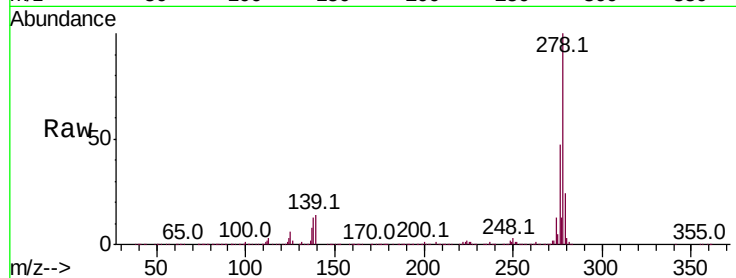
Tot Ion:278 Resp: 2447236

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.4	17.0
279	24.2	19.0	28.6

278 100

139 13.8 11.4 17.0

279 24.2 19.0 28.6

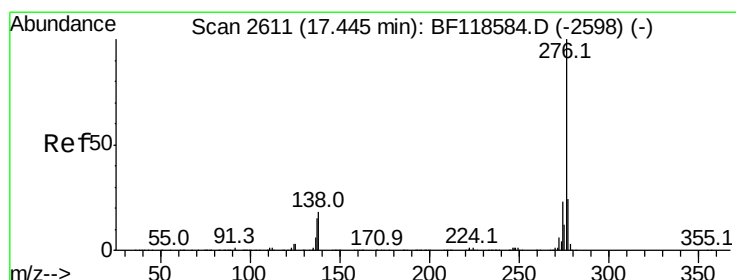
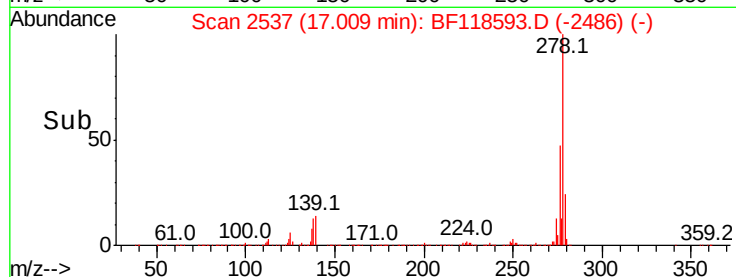
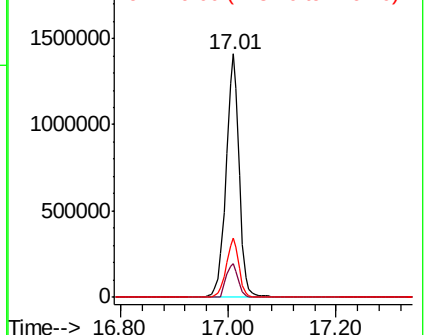


Abundance

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: 40.322 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

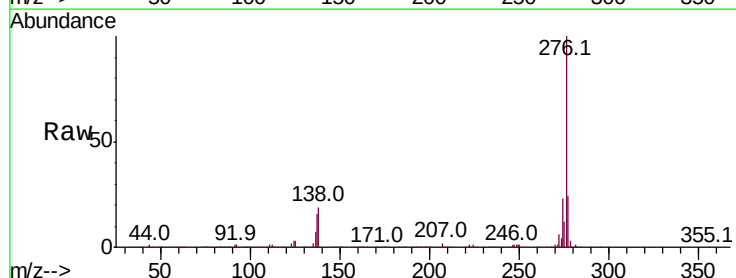
Tgt Ion:276 Resp: 2374288

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	18.9	14.4	21.6

276 100

277 23.7 18.9 28.3

138 18.9 14.4 21.6



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

