

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118594.D
 Acq On : 20 Jan 2020 16:31
 Operator : CG/JU
 Sample : PB126152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:40:47 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	456241	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1706898	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	979455	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1812665	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1441750	20.00	ng	0.00
87) Perylene-d12	15.52	264	1236882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	3077459	125.28	ng	0.01
7) Phenol-d6	6.51	99	3995913	125.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	2327287	76.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1436700	126.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4310461	72.33	ng	0.00
79) Terphenyl-d14	12.99	244	4985061	75.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	475298	39.947	ng	100
3) Pyridine	3.52	79	1193199	35.580	ng	100
4) n-Nitrosodimethylamine	3.45	42	595792	41.440	ng	94
6) Aniline	6.55	93	1438874	34.224	ng	98
8) 2-Chlorophenol	6.67	128	1237627	44.886	ng	99
9) Benzaldehyde	6.43	77	667022	34.351	ng	97
10) Phenol	6.52	94	1582963	43.504	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1159113	42.936	ng	100
12) 1,3-Dichlorobenzene	6.82	146	1340703	41.543	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1362100	42.045	ng	98
14) 1,2-Dichlorobenzene	7.05	146	1296917	42.586	ng	98
15) Benzyl Alcohol	7.02	79	1135857	44.860	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1541919	41.005	ng	100
17) 2-Methylphenol	7.13	107	1031756	44.923	ng	99
18) Hexachloroethane	7.40	117	486086	41.379	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	930475	43.159	ng	97
20) 3+4-Methylphenols	7.28	107	1288850	45.963	ng	89
22) Acetophenone	7.29	105	1671202	41.331	ng	# 94
24) Nitrobenzene	7.46	77	1354625	43.353	ng	99
25) Isophorone	7.70	82	2437421	43.791	ng	99
26) 2-Nitrophenol	7.77	139	613012	46.005	ng	94
27) 2,4-Dimethylphenol	7.82	122	1202012	52.240	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1485924	41.432	ng	99
29) 2,4-Dichlorophenol	8.02	162	1126784	44.299	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1210057	41.029	ng	99
31) Naphthalene	8.19	128	3389550	43.959	ng	99
32) Benzoic acid	7.93	122	741273	42.926	ng	98
33) 4-Chloroaniline	8.23	127	746150	20.937	ng	99
34) Hexachlorobutadiene	8.31	225	716675	39.903	ng	98
35) Caprolactam	8.60	113	175123	21.038	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	1124196	44.757	ng	100
37) 2-Methylnaphthalene	8.88	142	2462277	45.241	ng	100
38) 1-Methylnaphthalene	8.98	142	2340803	45.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1226956	40.036	ng	99

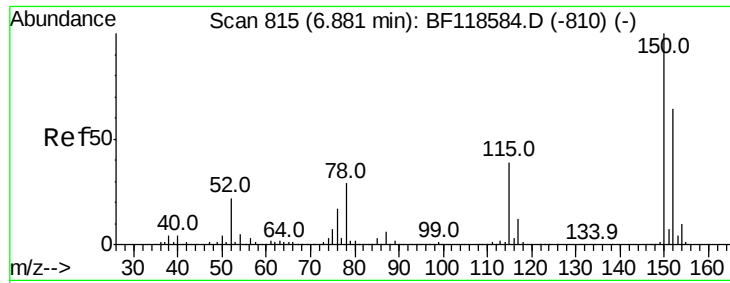
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118594.D
 Acq On : 20 Jan 2020 16:31
 Operator : CG/JU
 Sample : PB126152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:40:47 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	1530781	99.002	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	879666	43.256	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	906021	43.622	ng	99
46) 1,1'-Biphenyl	9.35	154	2897645	42.926	ng	99
47) 2-Chloronaphthalene	9.37	162	2371604	41.682	ng	99
48) 2-Nitroaniline	9.46	65	725795	41.497	ng	95
49) Acenaphthylene	9.79	152	3579613	44.721	ng	100
50) Dimethylphthalate	9.65	163	2714475	42.538	ng	100
51) 2,6-Dinitrotoluene	9.70	165	646459	45.240	ng	94
52) Acenaphthene	9.96	154	2482982	46.391	ng	99
53) 3-Nitroaniline	9.86	138	431374	26.438	ng	98
54) 2,4-Dinitrophenol	9.97	184	574460	100.699	ng	# 35
55) Dibenzofuran	10.13	168	3242892	43.721	ng	99
56) 4-Nitrophenol	10.03	139	1135237	92.164	ng	93
57) 2,4-Dinitrotoluene	10.10	165	841830	46.732	ng	96
58) Fluorene	10.47	166	2588052	44.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	795341	43.537	ng	98
60) Diethylphthalate	10.35	149	2648468	42.806	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1379265	43.552	ng	99
62) 4-Nitroaniline	10.49	138	658270	39.330	ng	98
63) Azobenzene	10.62	77	2661601	44.419	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	394733	49.523	ng	98
66) n-Nitrosodiphenylamine	10.58	169	2390262	43.725	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	932940	41.659	ng	# 94
68) Hexachlorobenzene	11.02	284	1047489	41.256	ng	96
69) Atrazine	11.11	200	862498	45.521	ng	97
70) Pentachlorophenol	11.21	266	1215406	86.099	ng	99
71) Phenanthrene	11.43	178	3740662	42.775	ng	99
72) Anthracene	11.49	178	3817024	44.111	ng	99
73) Carbazole	11.63	167	3416739	43.048	ng	99
74) Di-n-butylphthalate	11.97	149	3746098	42.481	ng	98
75) Fluoranthene	12.62	202	3952037	42.847	ng	99
77) Benzidine	12.73	184	2282810	59.259	ng	97
78) Pyrene	12.85	202	4026466	41.136	ng	100
80) Butylbenzylphthalate	13.47	149	1650956	41.213	ng	97
81) Benzo(a)anthracene	14.03	228	3640250	41.973	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	829313	26.835	ng	97
83) Chrysene	14.07	228	3458140	41.604	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	2098955	42.887	ng	99
85) Di-n-octyl phthalate	14.64	149	3352841	46.283	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2854153	39.518	ng	100
88) Benzo(b)fluoranthene	15.09	252	3191272	41.047	ng	99
89) Benzo(k)fluoranthene	15.12	252	3147865	43.703	ng	98
90) Benzo(a)pyrene	15.45	252	2751818	41.031	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2394406	40.361	ng	98
92) Benzo(g,h,i)perylene	17.43	276	2341529	40.651	ng	98

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

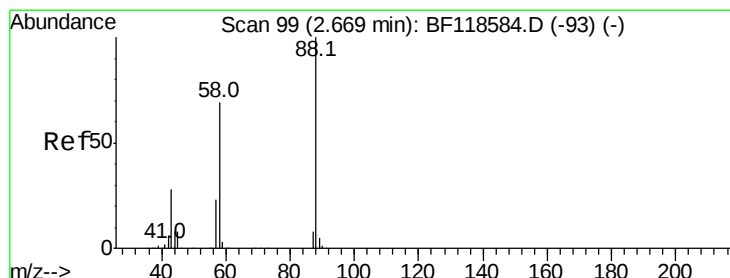
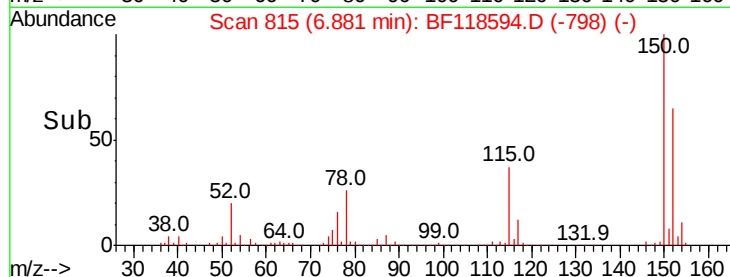
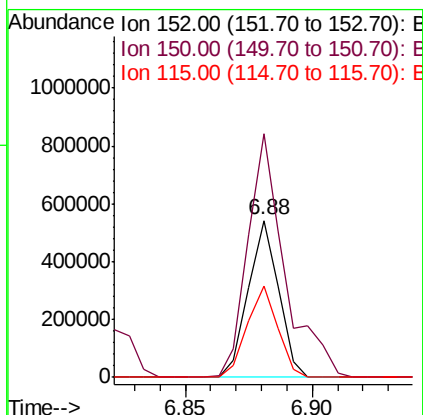
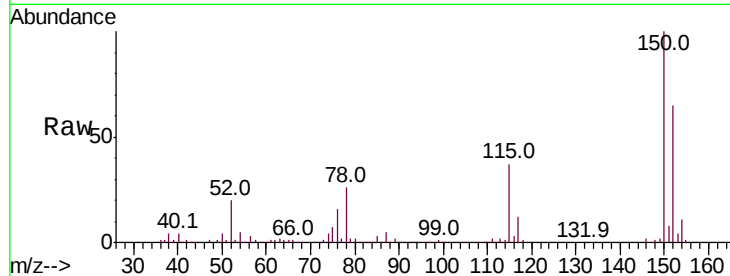


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

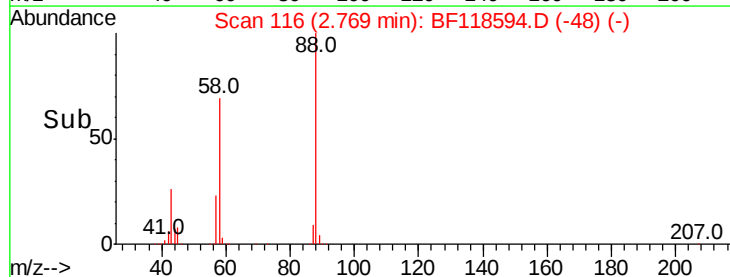
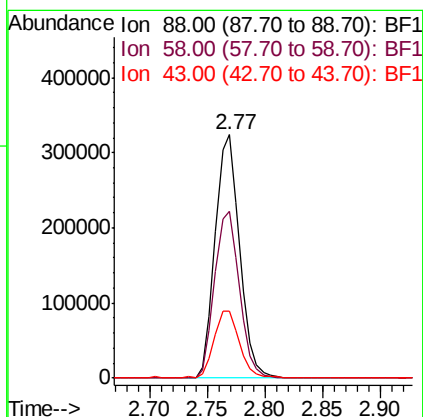
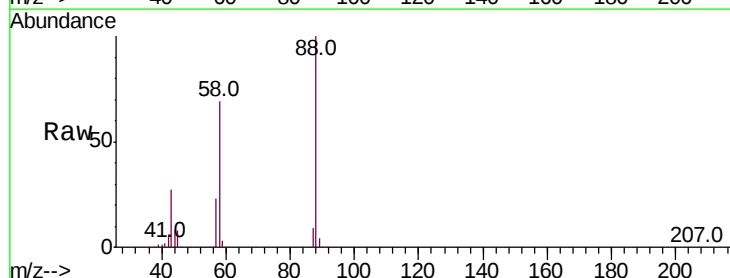
Tot Ion:152 Resp: 456241
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 58.1 48.4 72.6

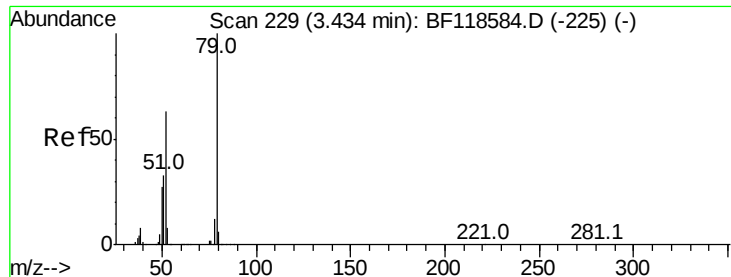


#2

1,4-Dioxane
Concen: 39.947 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion: 88 Resp: 475298
Ion Ratio Lower Upper
88 100
58 70.3 56.1 84.1
43 28.3 23.0 34.6





#3

Pvridine

Concen: 35.580 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

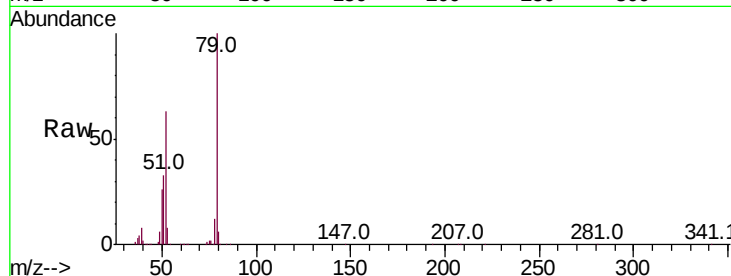
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1193199

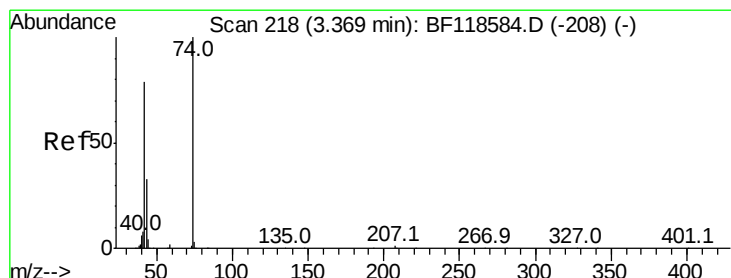
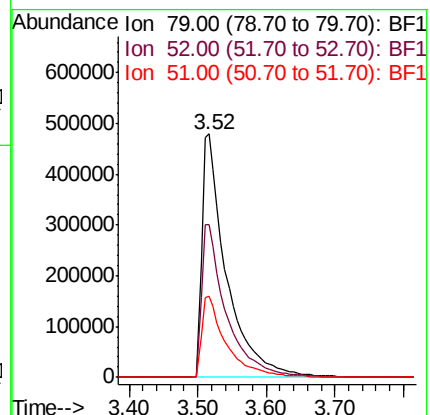
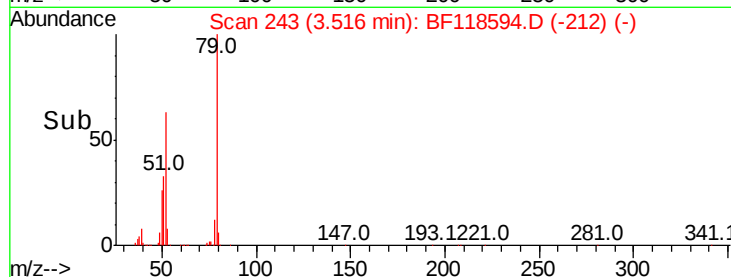
Ion	Ratio	Lower	Upper
79	100		
52	63.0	50.7	76.1
51	33.3	26.6	40.0



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: 41.440 ng

RT: 3.45 min Scan# 232

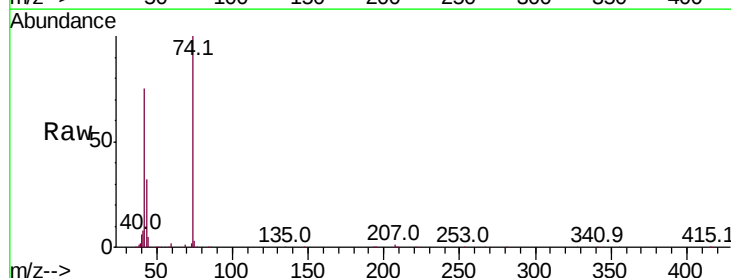
Delta R.T. 0.08 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion: 42 Resp: 595792

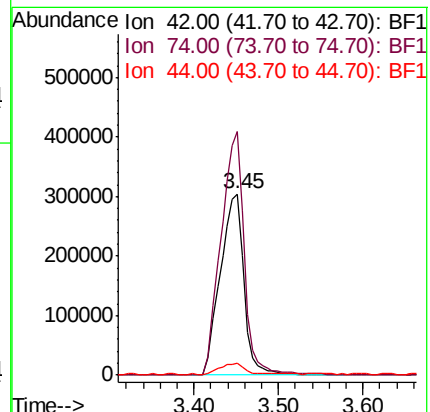
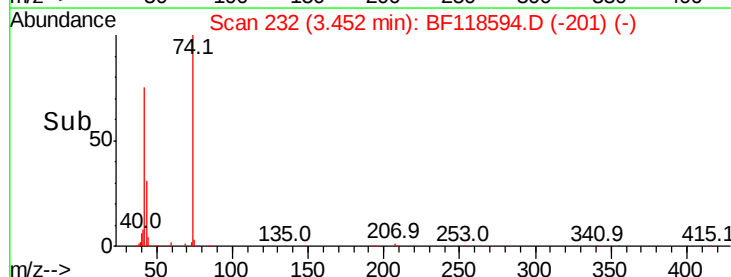
Ion	Ratio	Lower	Upper
42	100		
74	134.2	101.6	152.4
44	6.5	4.9	7.3

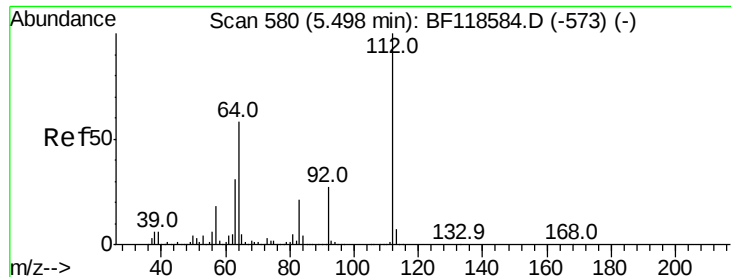


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.276 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

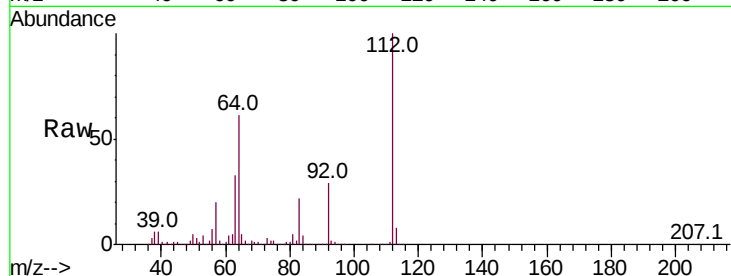
Tot Ion:112 Resp: 3077459

Ion Ratio Lower Upper

112 100

64 61.1 46.6 70.0

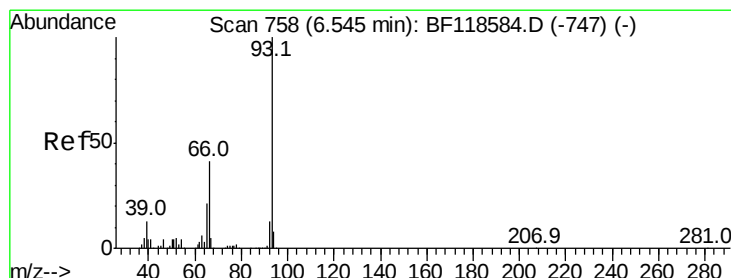
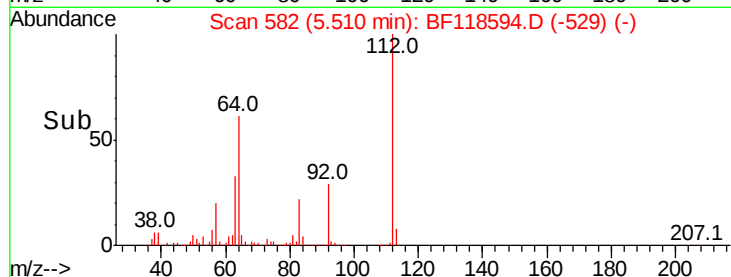
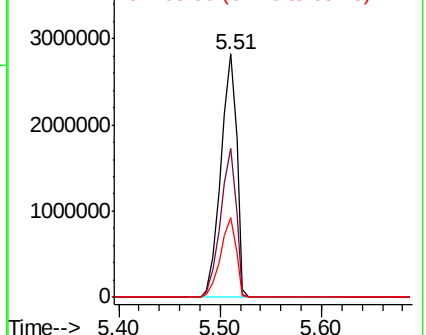
63 33.0 25.1 37.7



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: 34.224 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

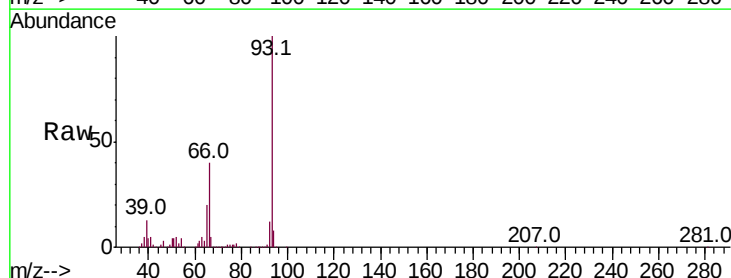
Tgt Ion: 93 Resp: 1438874

Ion Ratio Lower Upper

93 100

66 39.9 32.8 49.2

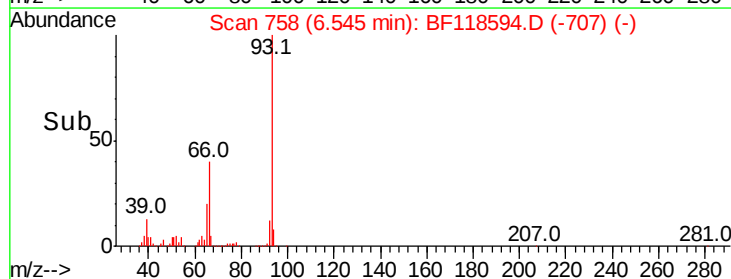
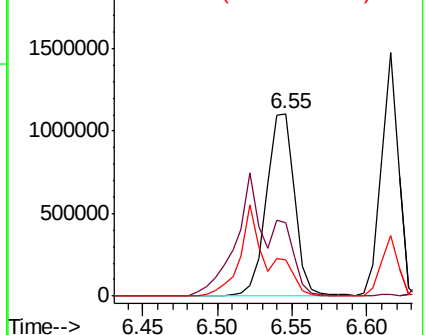
65 20.1 16.5 24.7

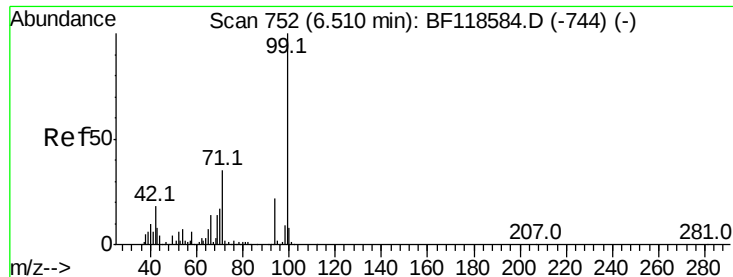


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.151 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

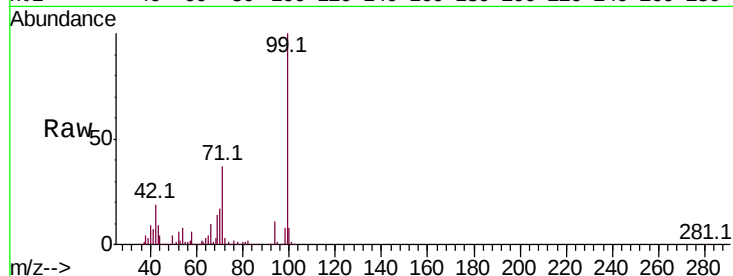
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3995913

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.2	21.2
71	37.3	27.8	41.6

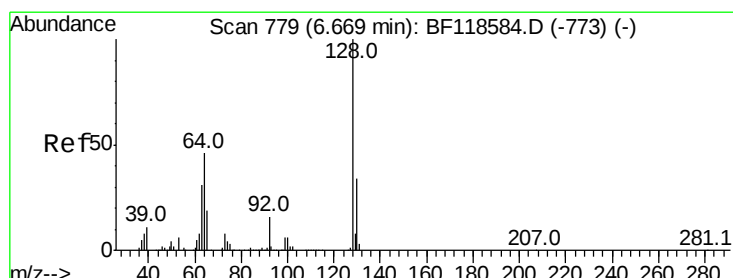
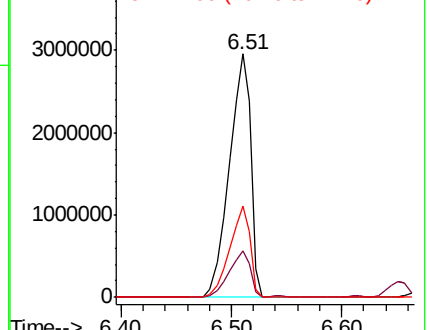
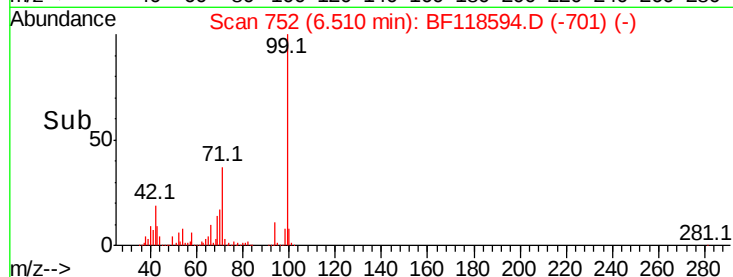


Abundance

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: 44.886 ng

RT: 6.67 min Scan# 779

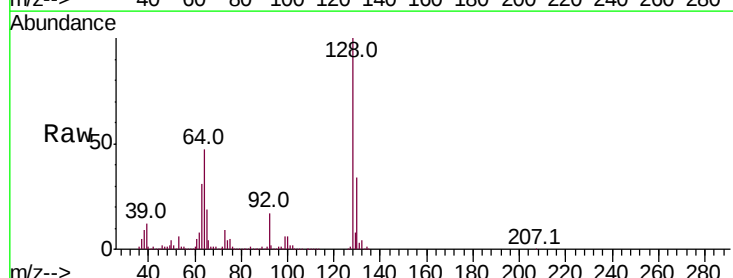
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:128 Resp: 1237627

Ion	Ratio	Lower	Upper
128	100		
130	34.1	13.6	53.6
64	47.1	26.4	66.4

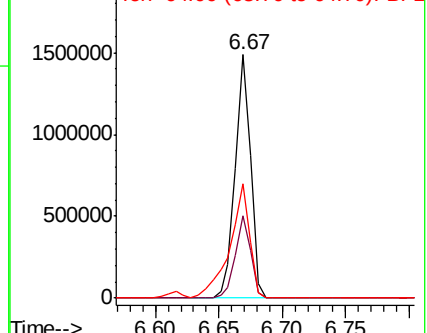
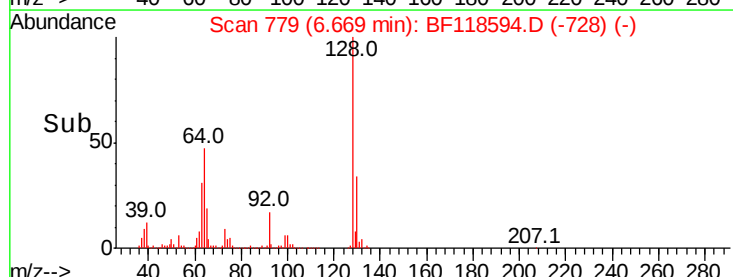


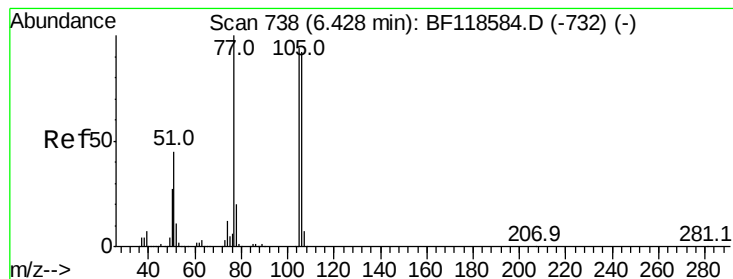
Abundance

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: 34.351 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

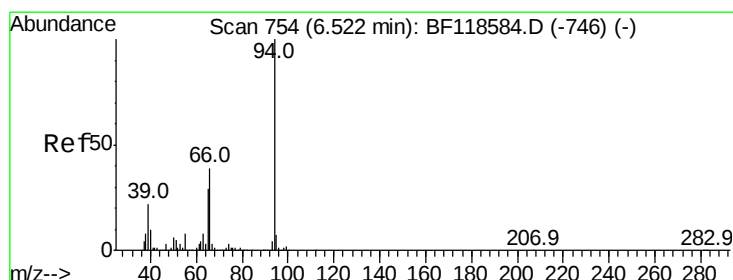
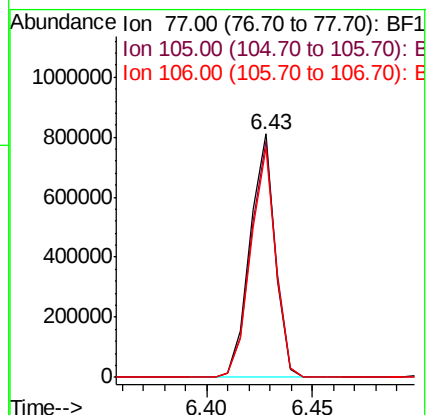
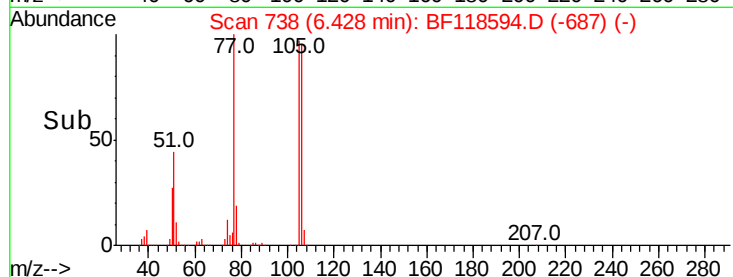
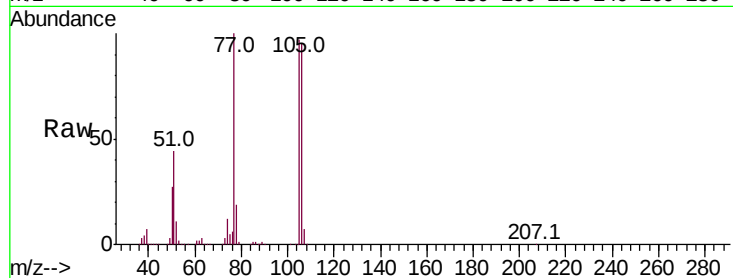
Tot Ion: 77 Resp: 667022

Ion Ratio Lower Upper

77 100

105 97.0 73.5 113.5

106 94.5 71.9 111.9



#10

Phenol

Concen: 43.504 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

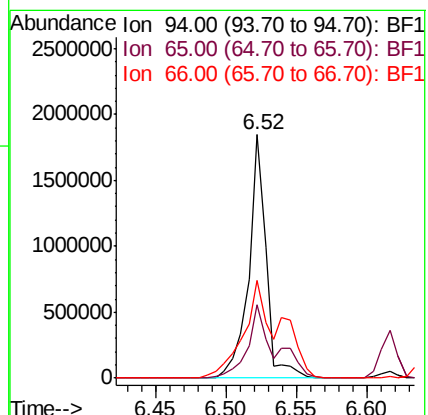
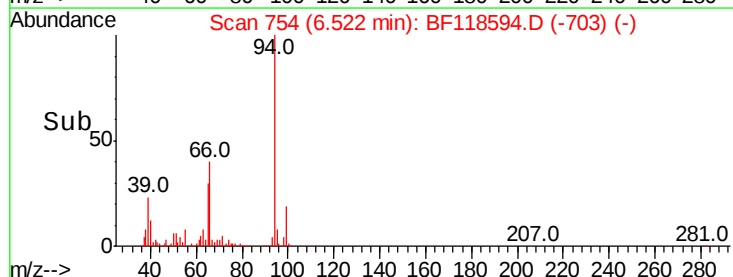
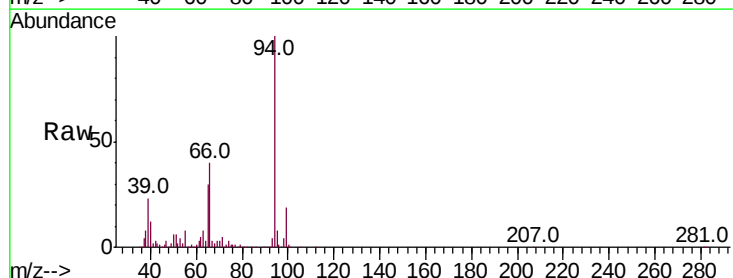
Tgt Ion: 94 Resp: 1582963

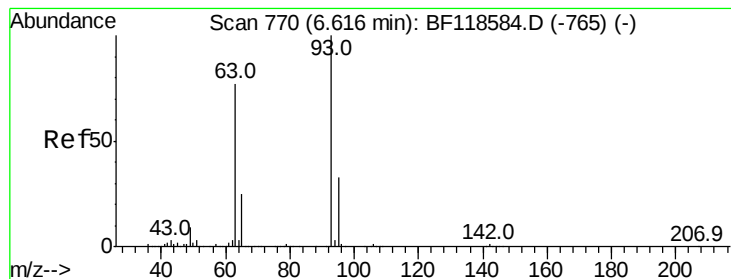
Ion Ratio Lower Upper

94 100

65 30.0 9.5 49.5

66 40.3 18.5 58.5

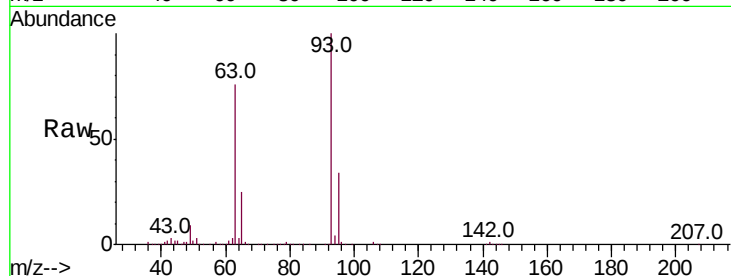




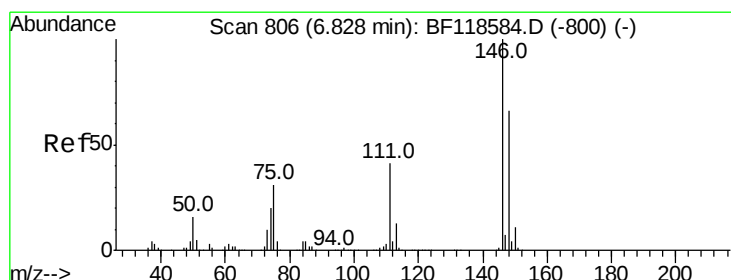
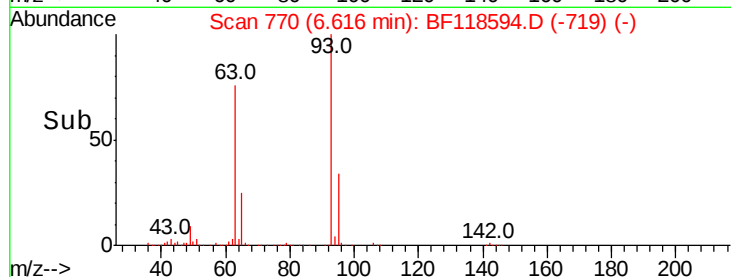
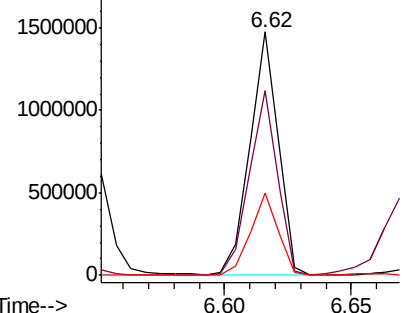
#11
bis(2-Chloroethyl)ether
Concen: 42.936 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1159113
Ion Ratio Lower Upper
93 100
63 76.1 56.3 96.3
95 33.8 13.3 53.3

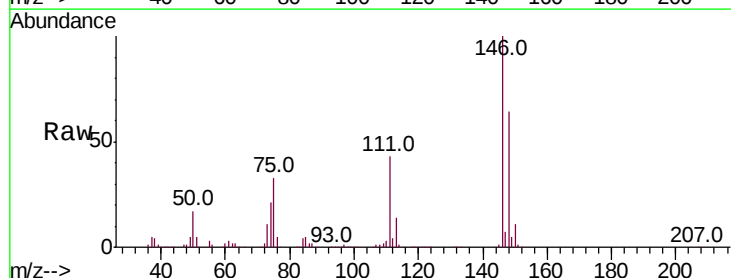


Abundance Ion 93.00 (92.70 to 93.70): BF1
2000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

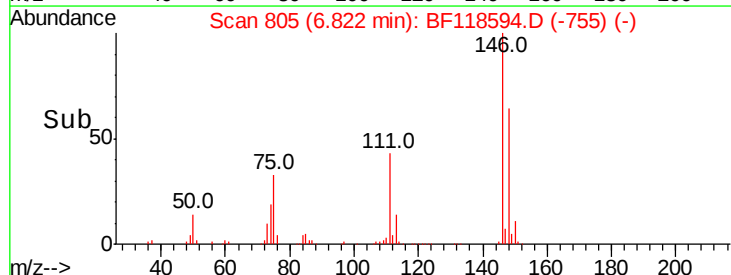
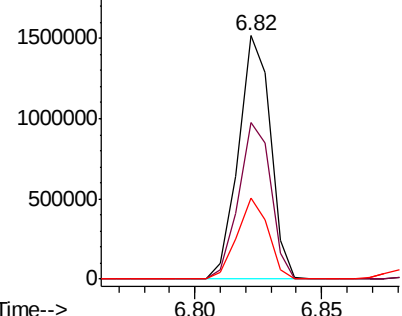


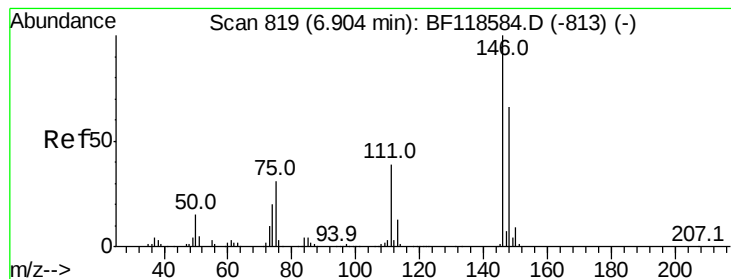
#12
1,3-Dichlorobenzene
Concen: 41.543 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion: 146 Resp: 1340703
Ion Ratio Lower Upper
146 100
148 64.5 53.0 79.6
75 33.4 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: 42.045 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

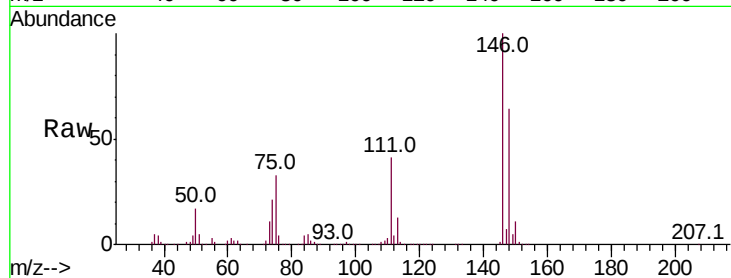
Tot Ion:146 Resp: 1362100

Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

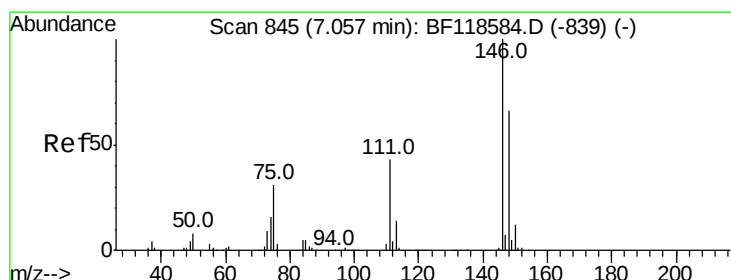
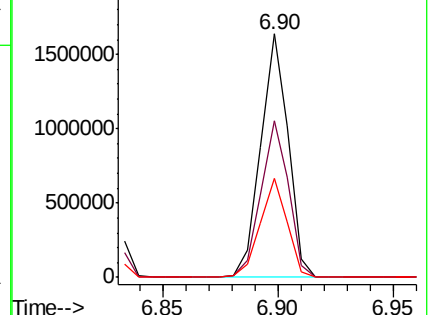
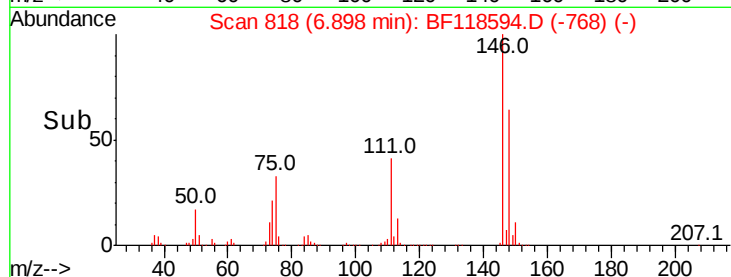
111 40.7 31.6 47.4



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: 42.586 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

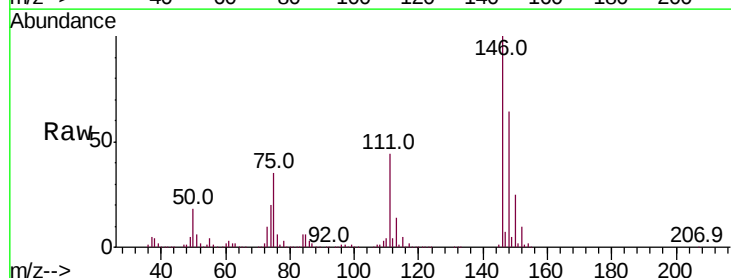
Tgt Ion:146 Resp: 1296917

Ion Ratio Lower Upper

146 100

148 64.2 52.7 79.1

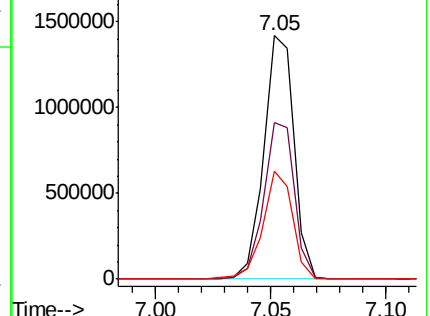
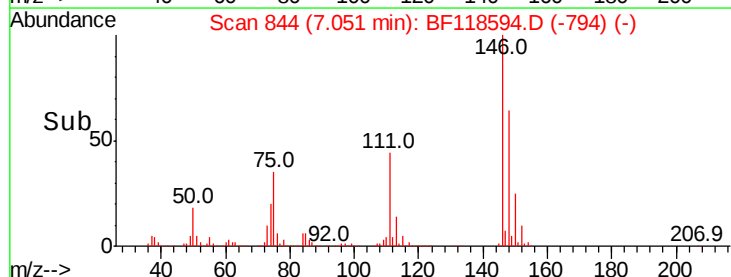
111 44.4 34.6 52.0

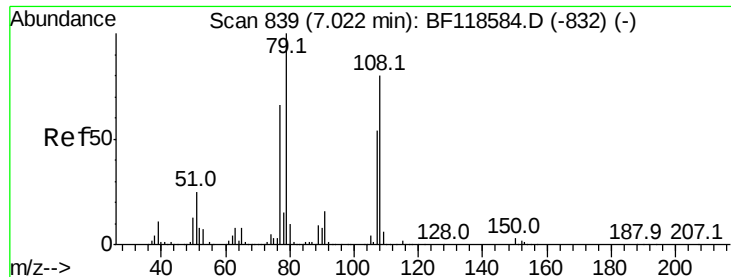


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.860 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

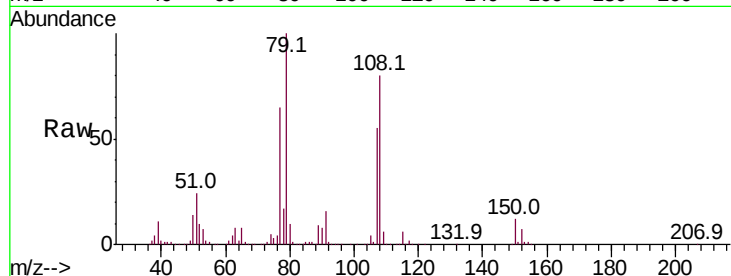
Tot Ion: 79 Resp: 1135857

Ion Ratio Lower Upper

79 100

108 80.1 63.6 95.4

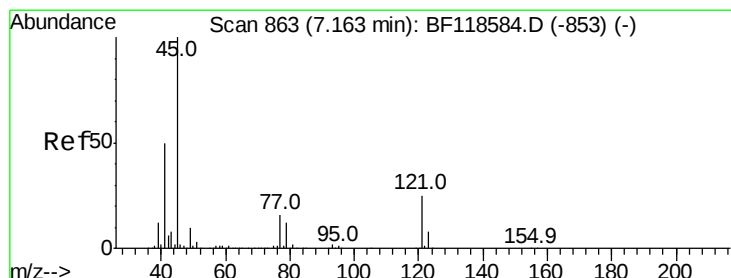
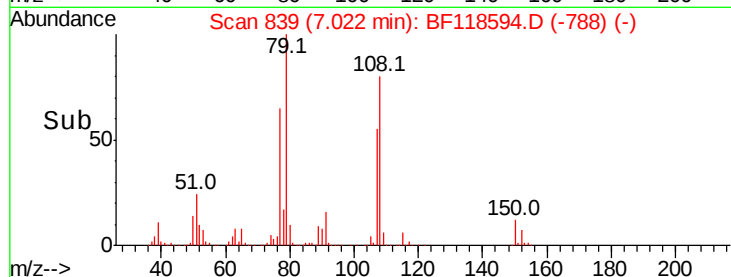
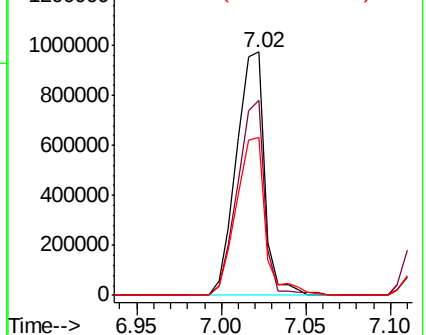
77 64.6 52.5 78.7



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: 41.005 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

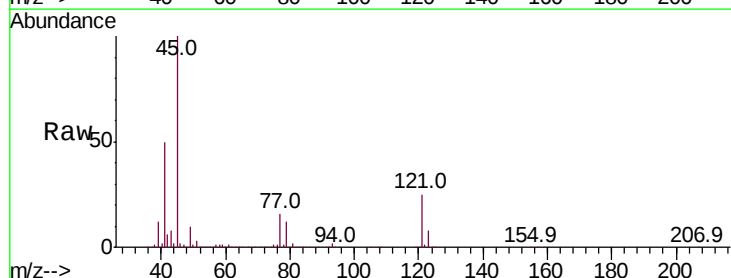
Tgt Ion: 45 Resp: 1541919

Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.1

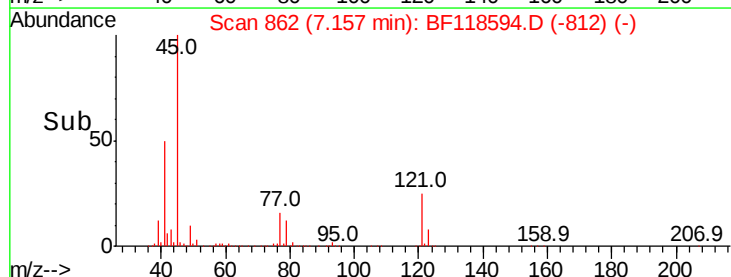
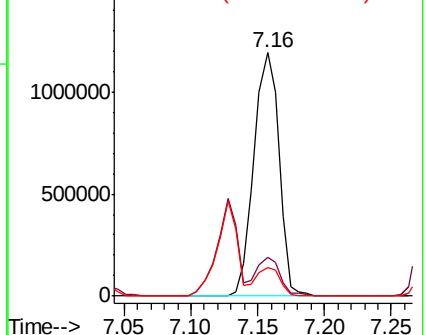
79 12.0 0.0 32.4

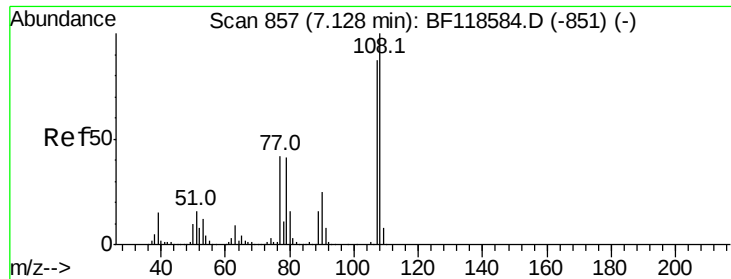


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

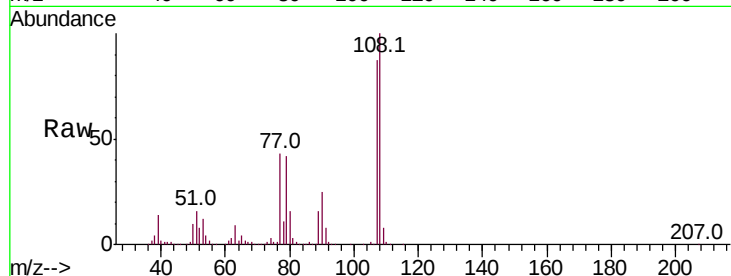




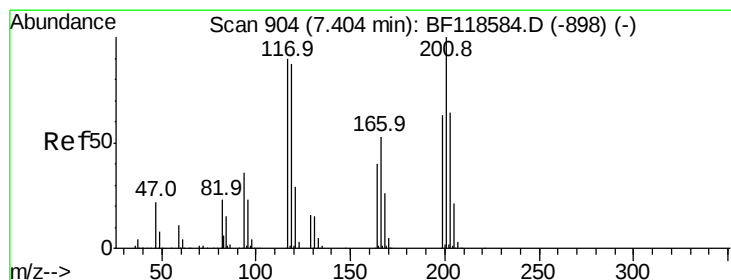
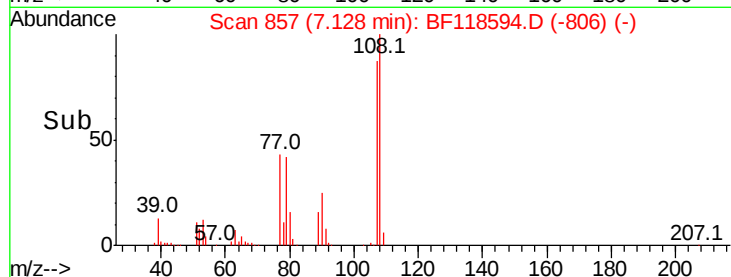
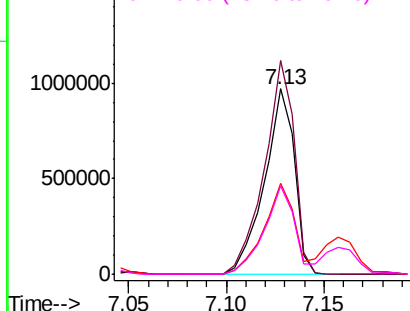
#17
2-Methylphenol
Concen: 44.923 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1031756
Ion Ratio Lower Upper
107 100
108 115.3 91.5 137.3
77 49.3 38.7 58.1
79 47.8 37.7 56.5

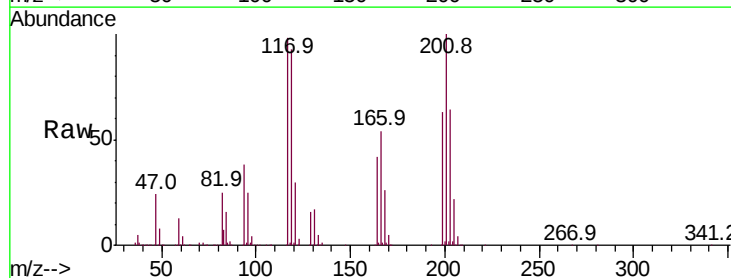


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

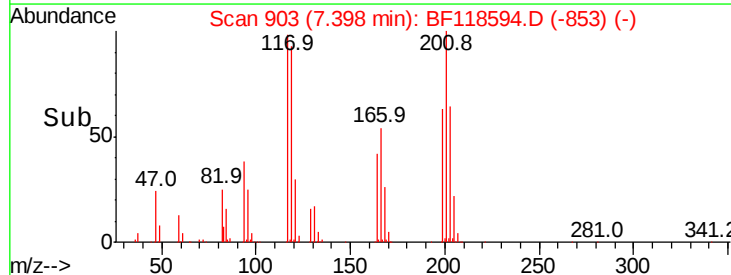
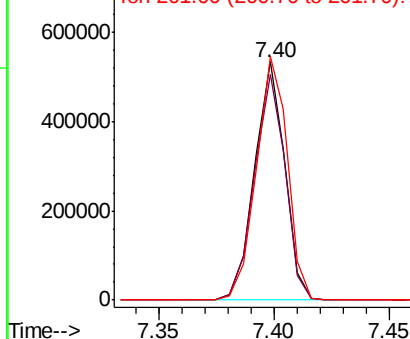


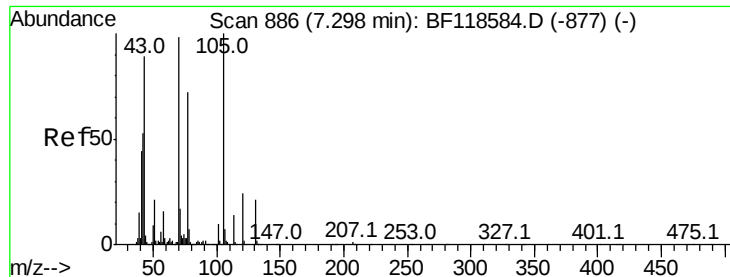
#18
Hexachloroethane
Concen: 41.379 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:117 Resp: 486086
Ion Ratio Lower Upper
117 100
119 95.0 77.6 116.4
201 102.3 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

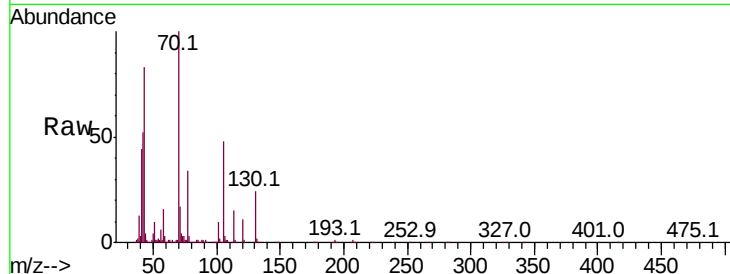




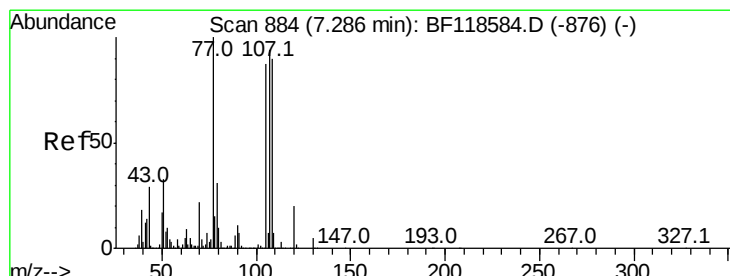
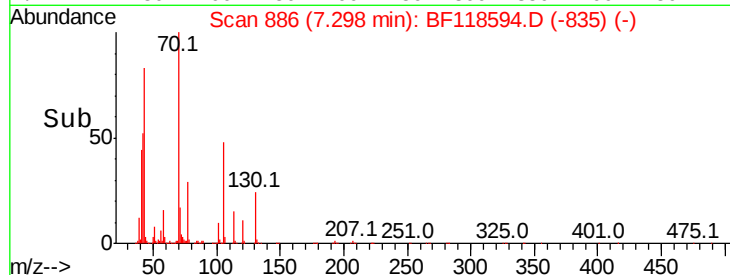
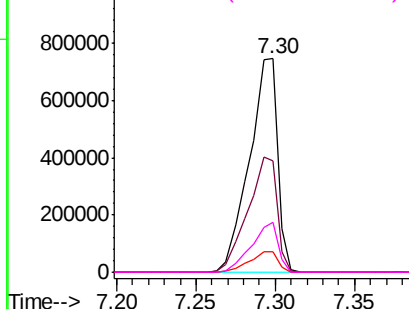
#19
n-Nitroso-di-n-propylamine
Concen: 43.159 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	930475
Ion	Ratio	Lower	Upper
70	100		
42	52.2	43.4	65.0
101	9.8	8.1	12.1
130	23.6	17.6	26.4

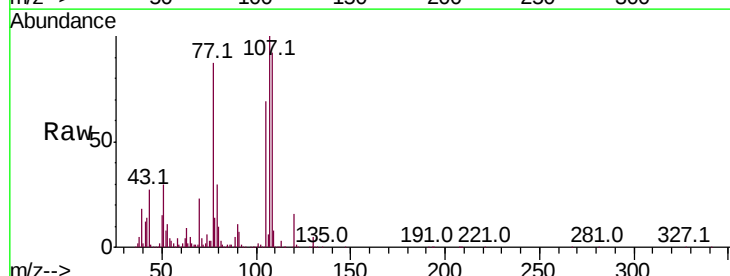


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

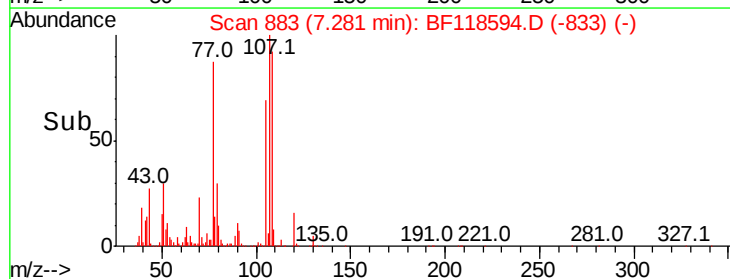
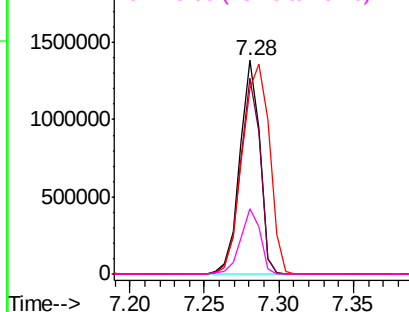


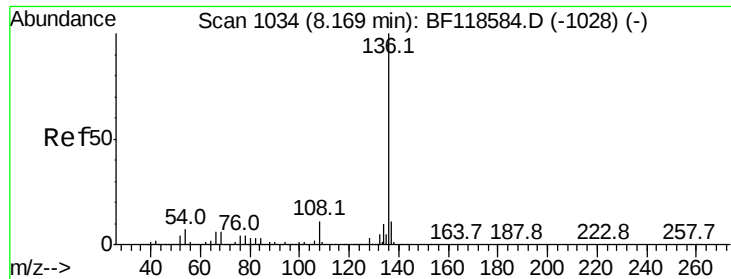
#20
3+4-Methylphenols
Concen: 45.963 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:	107	Resp:	1288850
Ion	Ratio	Lower	Upper
107	100		
108	91.7	75.8	115.8
77	87.1	86.5	126.5
79	30.5	12.9	52.9



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

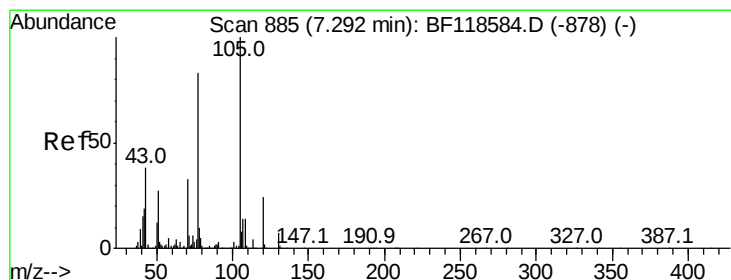
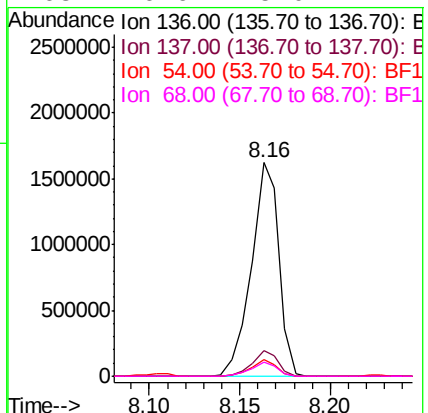
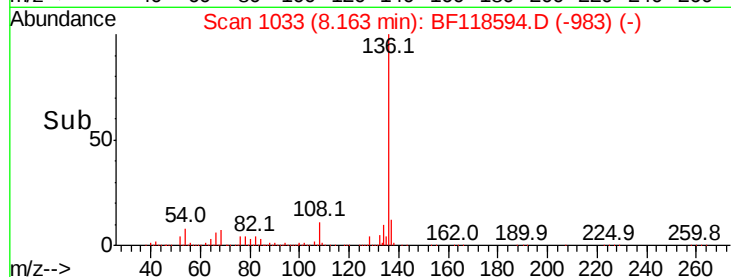
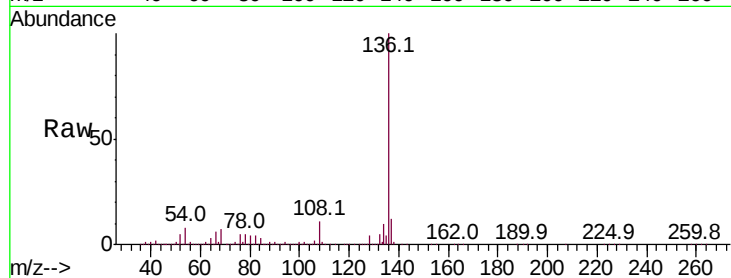




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

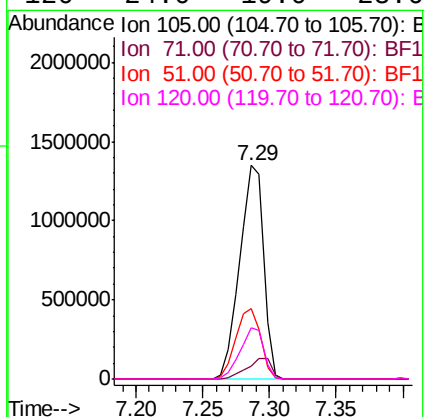
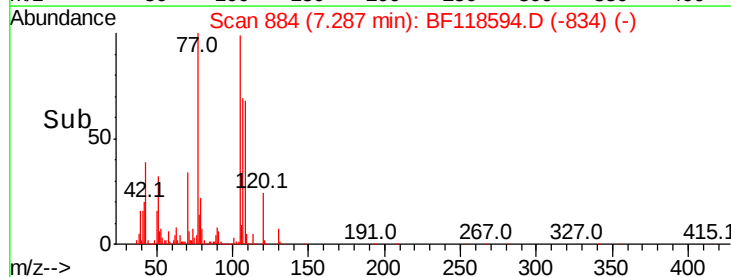
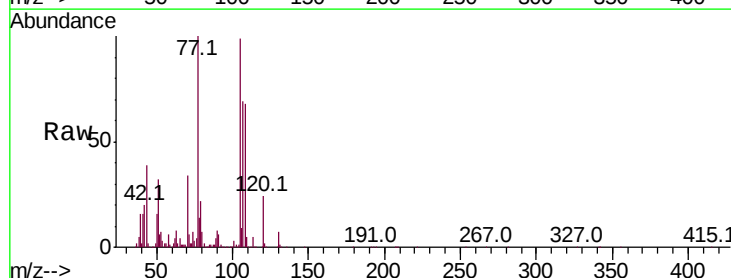
Instrument :
BNA_F
ClientSampled :

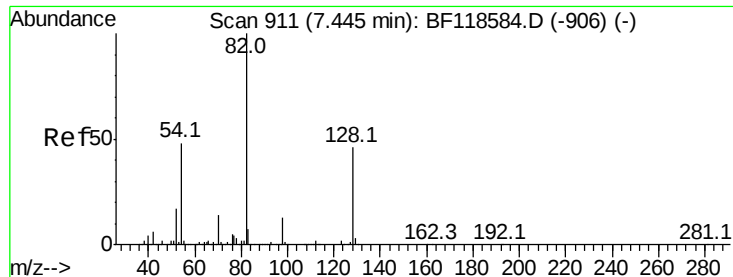
Tot Ion:	136	Resp:	1706898
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.8	5.8	8.6
68	6.6	5.0	7.4



#22
Acetophenone
Concen: 41.331 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:	105	Resp:	1671202
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.5	6.7
51	32.8	21.5	32.3#
120	24.0	19.0	28.6

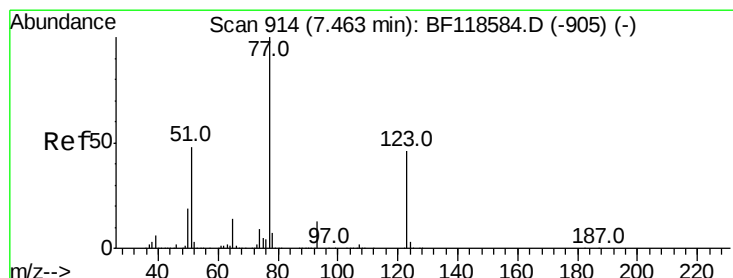
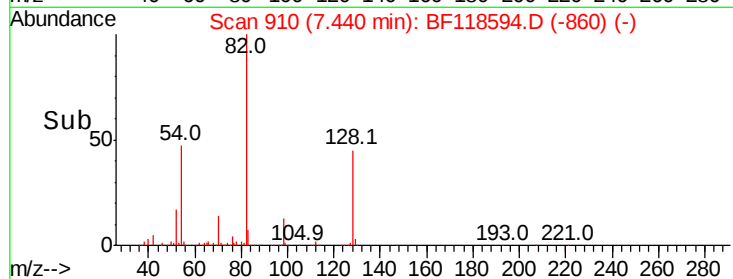
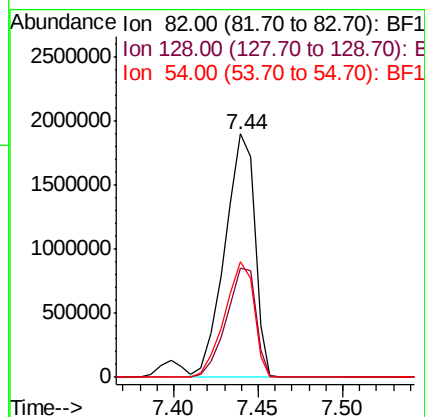
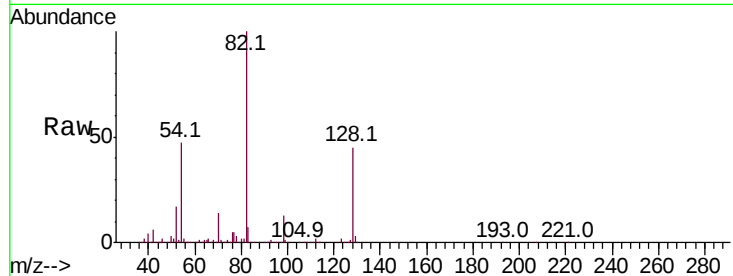




#23
 Nitrobenzene-d5
 Concen: 76.264 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

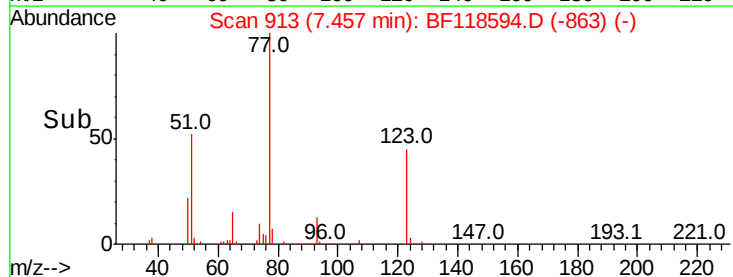
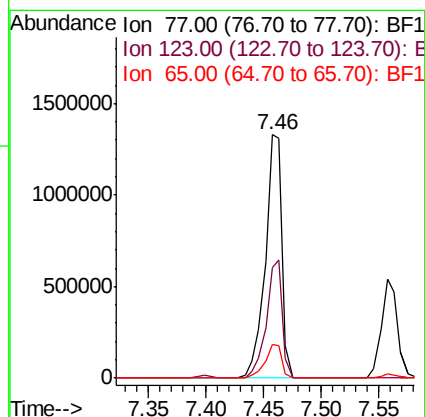
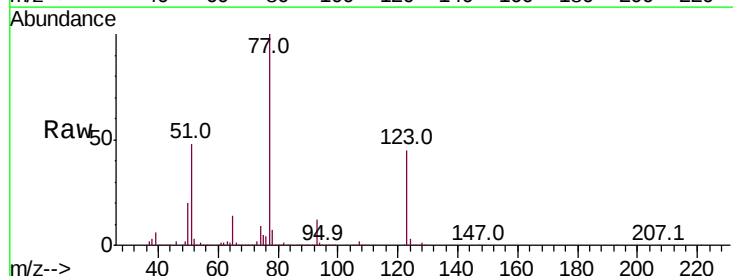
Instrument :
 BNA_F
 ClientSampled :

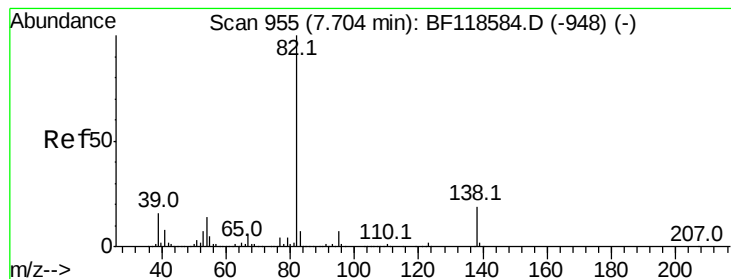
Tot Ion: 82 Resp: 2327287
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.6 54.8
 54 47.5 38.0 57.0



#24
 Nitrobenzene
 Concen: 43.353 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion: 77 Resp: 1354625
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.0 55.4
 65 13.6 11.1 16.7





#25

Isophorone

Concen: 43.791 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

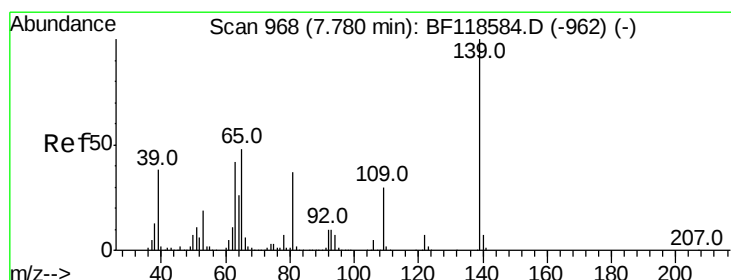
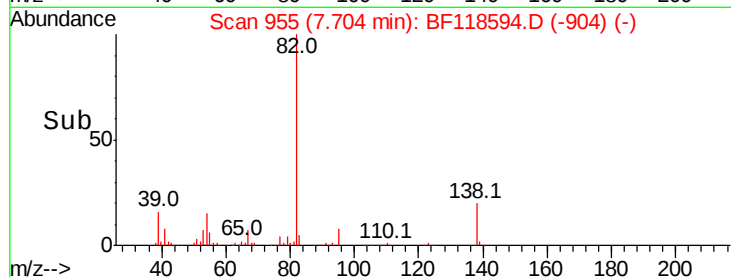
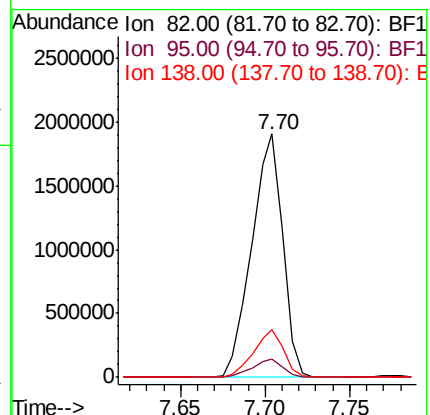
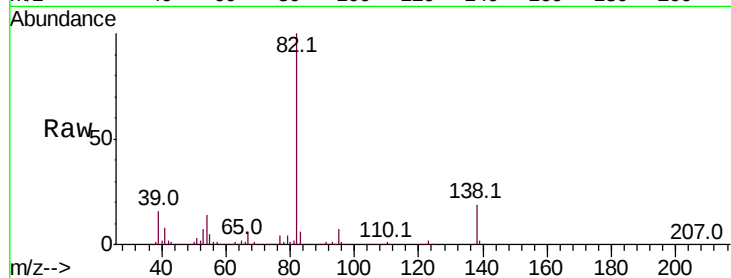
Tot Ion: 82 Resp: 2437421

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

138 19.4 15.3 22.9



#26

2-Nitrophenol

Concen: 46.005 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

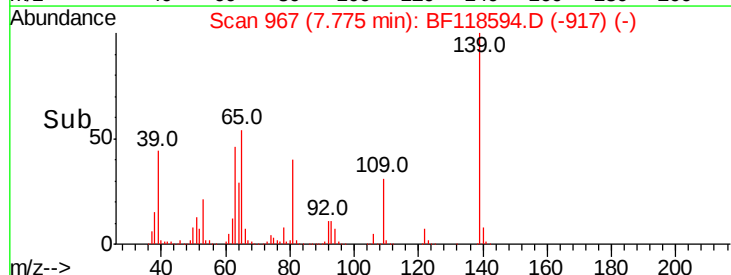
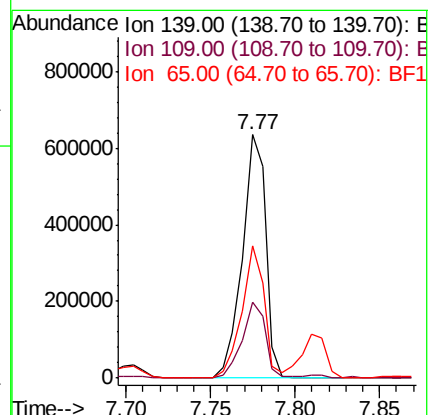
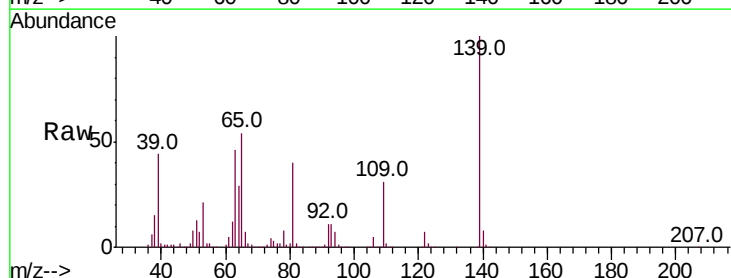
Tgt Ion: 139 Resp: 613012

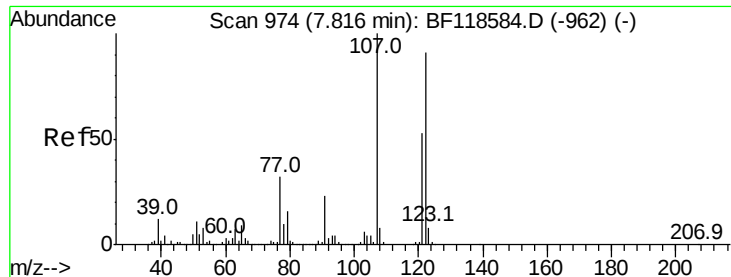
Ion Ratio Lower Upper

139 100

109 31.2 23.8 35.8

65 54.1 38.5 57.7

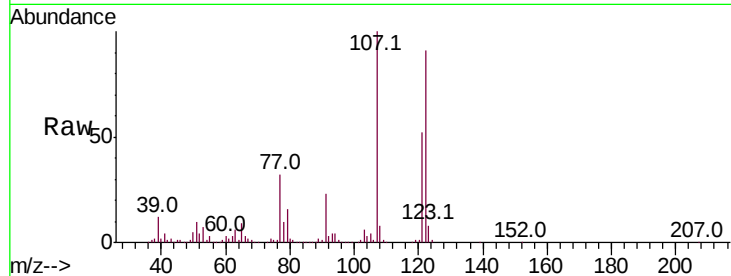




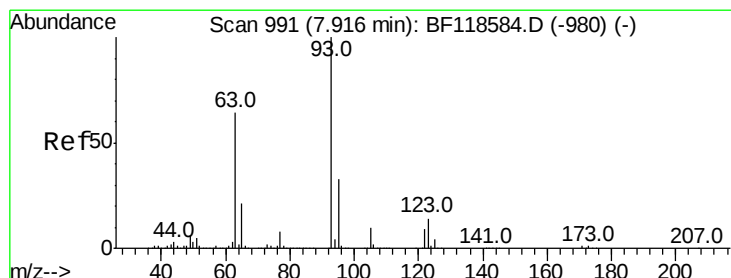
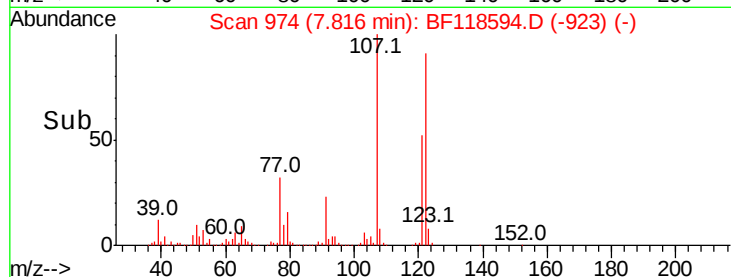
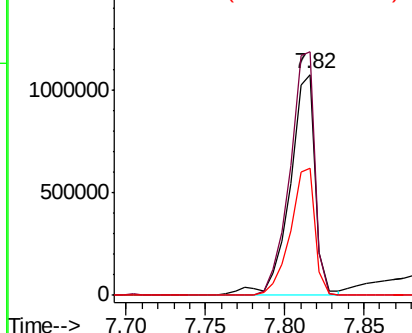
#27
 2,4-Dimethylphenol
 Concen: 52.240 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1202012
 Ion Ratio Lower Upper
 122 100
 107 110.3 88.0 132.0
 121 57.7 46.3 69.5

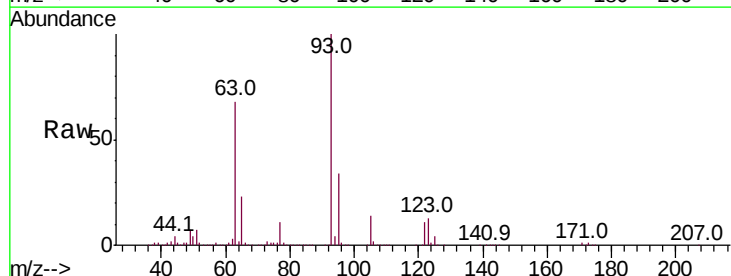


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

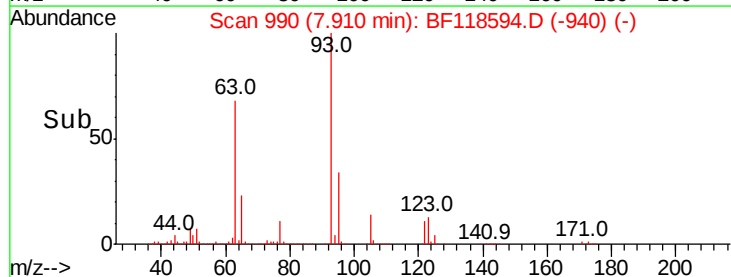
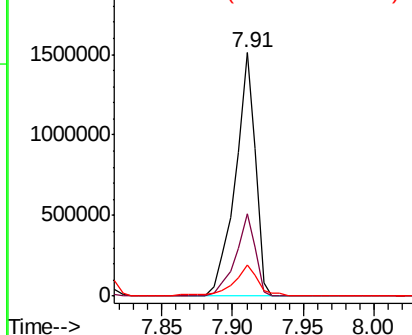


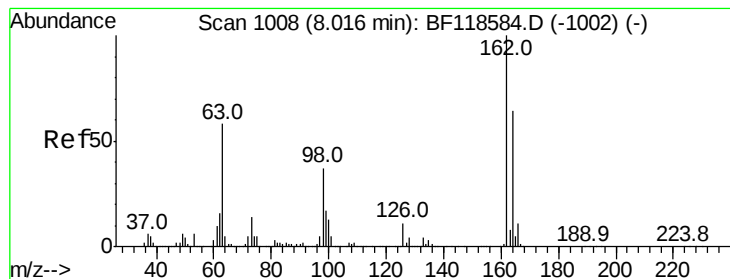
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.432 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion: 93 Resp: 1485924
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.7 40.1
 123 12.9 11.0 16.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.299 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

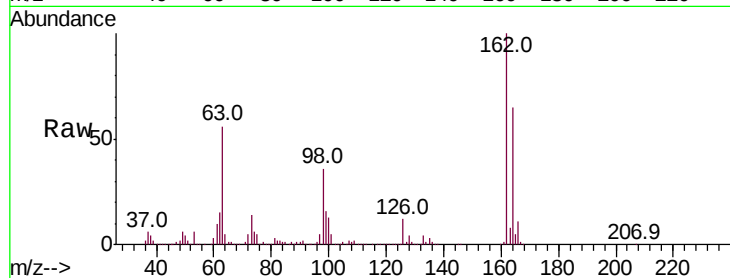
Tot Ion:162 Resp: 1126784

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

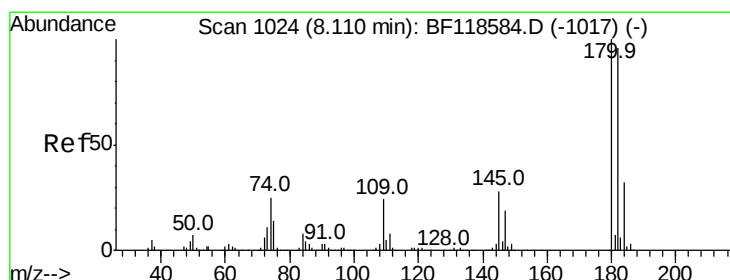
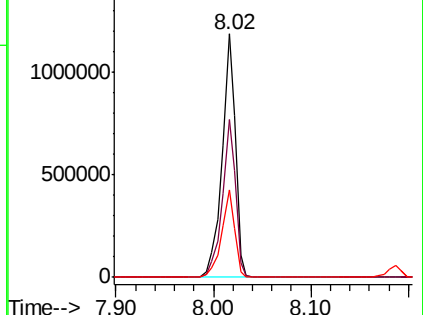
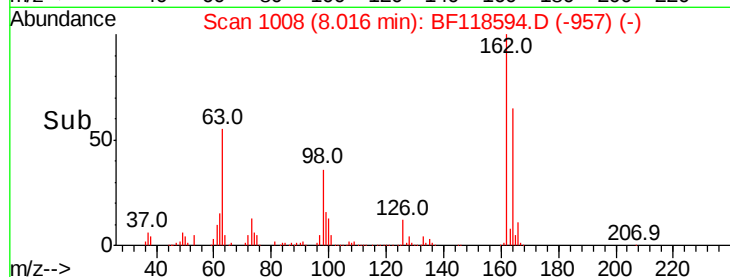
98 36.0 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.029 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

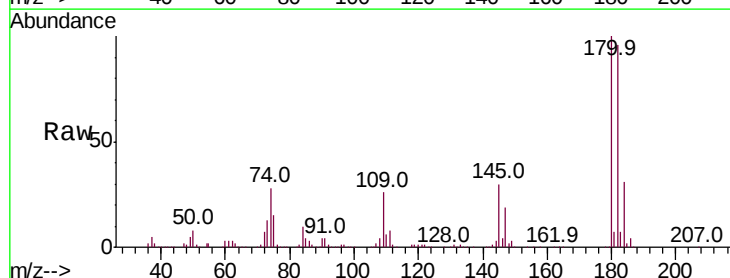
Tgt Ion:180 Resp: 1210057

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

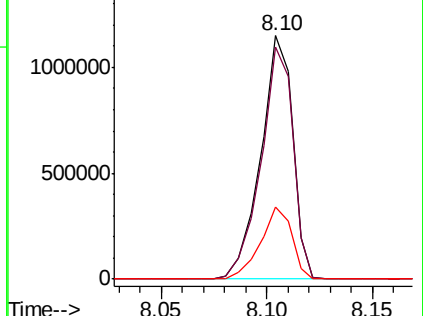
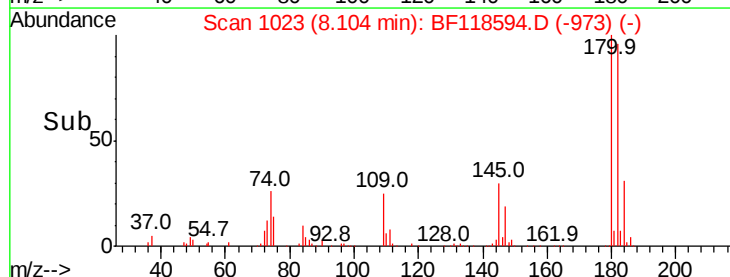
145 29.8 22.8 34.2

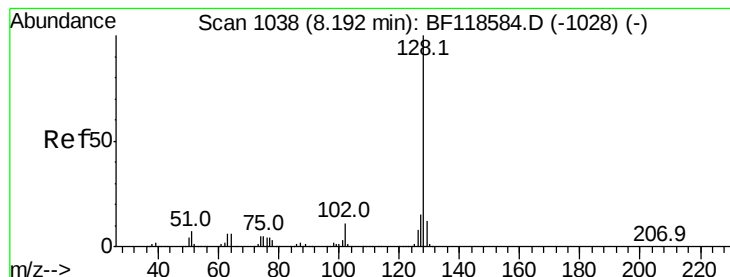


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.959 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

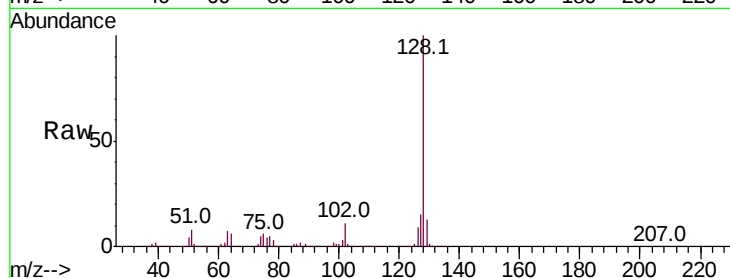
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 3389550

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.9	14.9
127	15.3	12.0	18.0

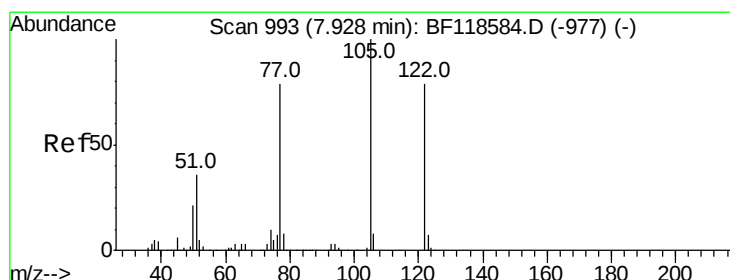
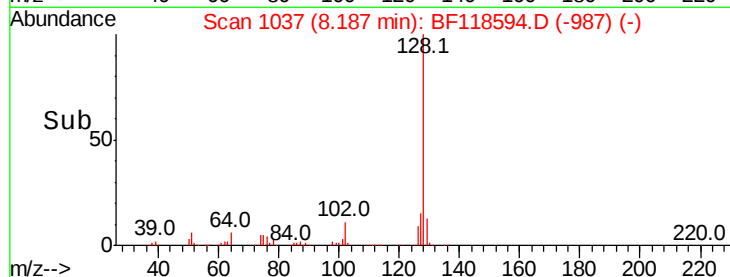
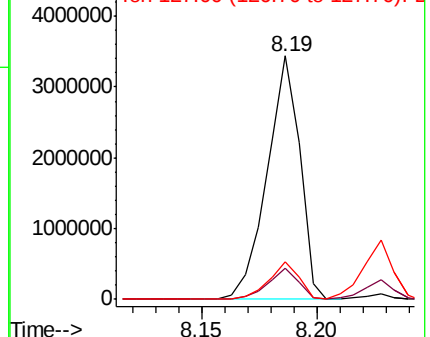


Abundance

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: 42.926 ng

RT: 7.93 min Scan# 994

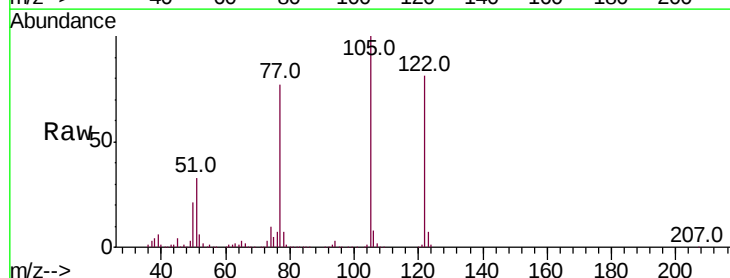
Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:122 Resp: 741273

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.3	144.3
77	96.0	79.4	119.4

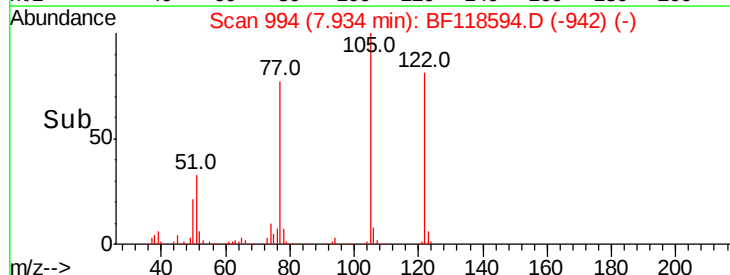
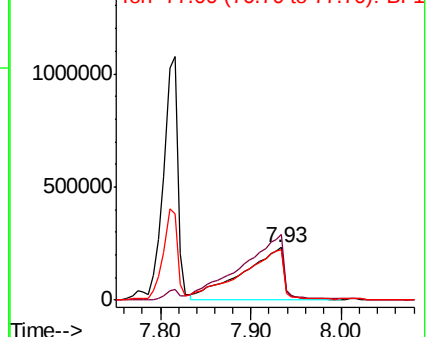


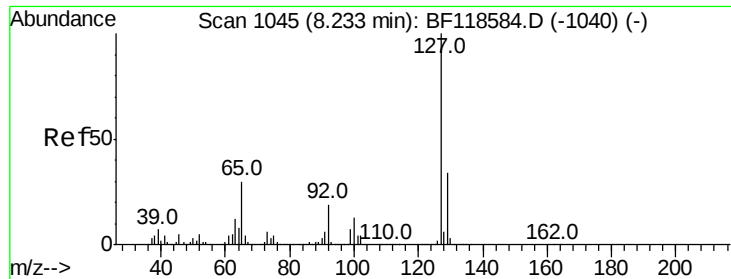
Abundance

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

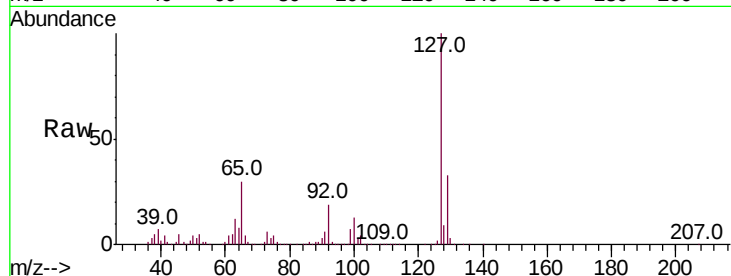




#33
4-Chloroaniline
Concen: 20.937 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	746150
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.4	41.0
65	29.8	23.6	35.4
92	18.7	15.0	22.4



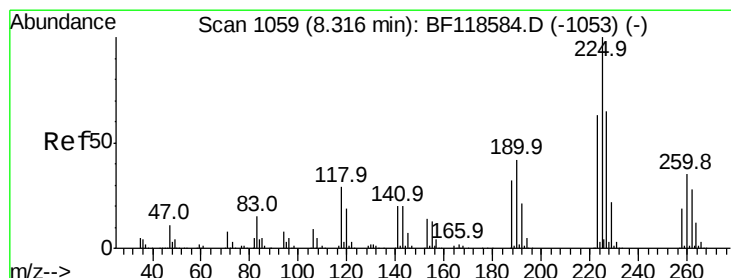
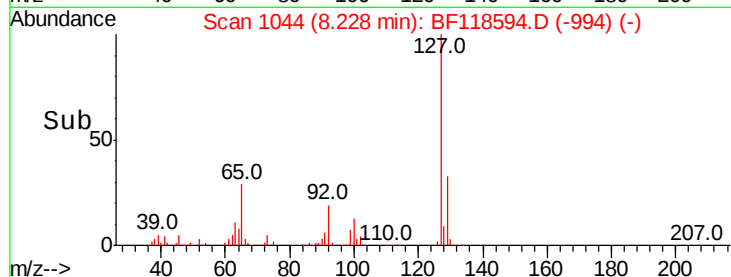
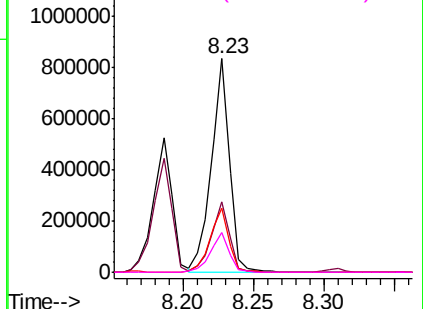
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

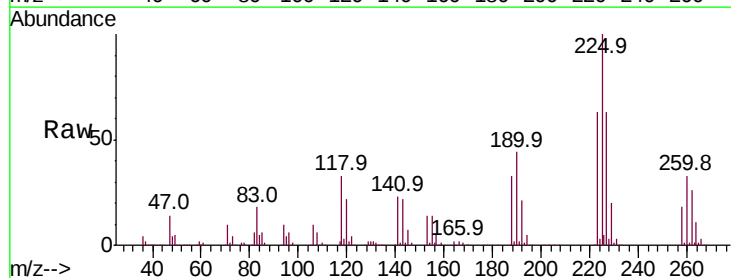
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.903 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:	225	Resp:	716675
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	62.8	52.1	78.1

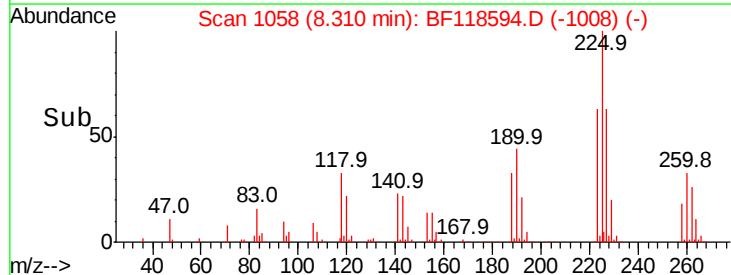
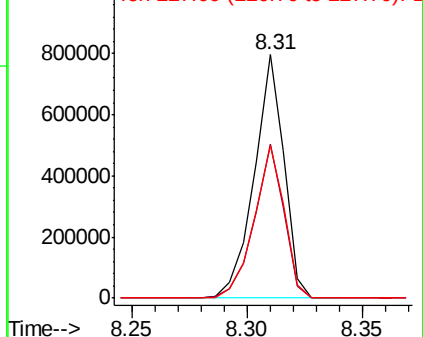


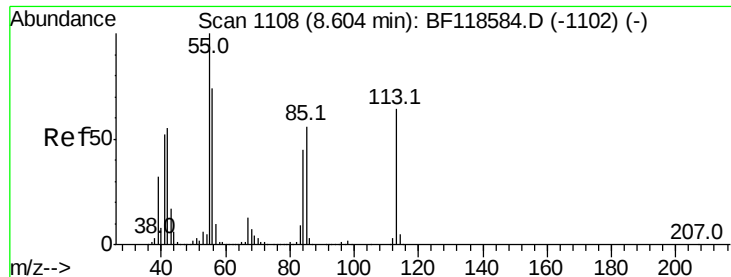
Abundance

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

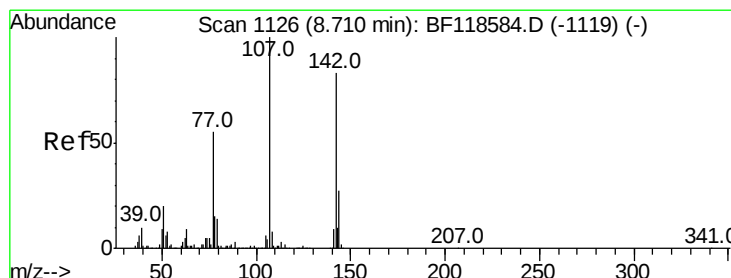
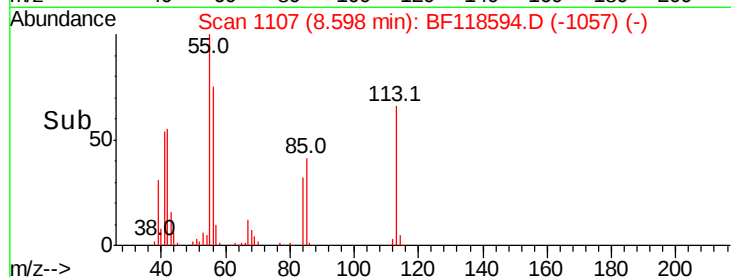
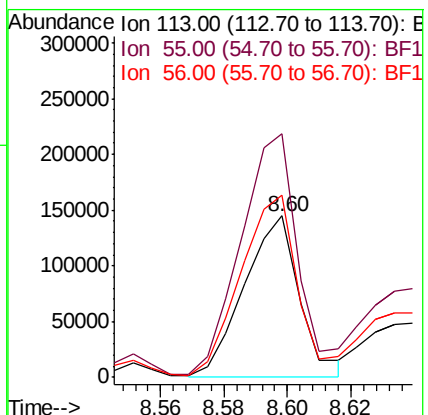
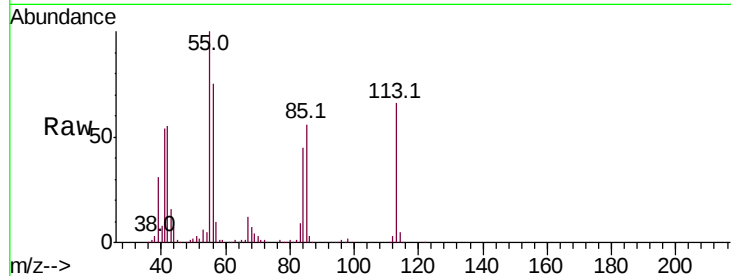




#35
 Caprolactam
 Concen: 21.038 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

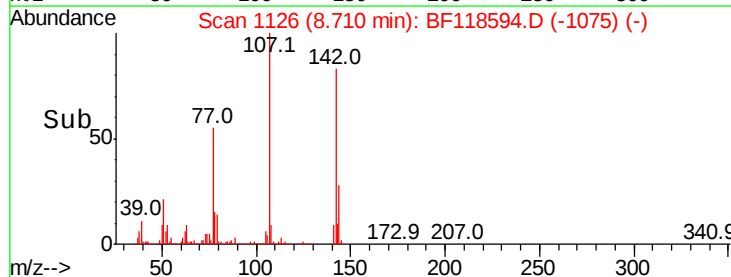
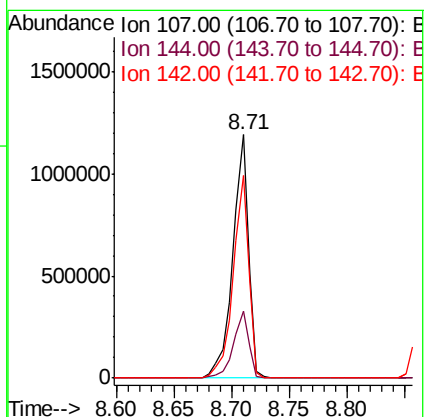
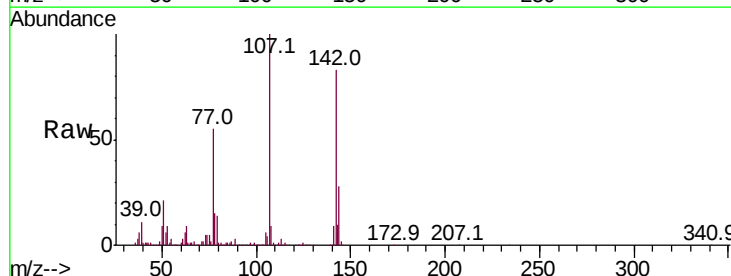
Instrument :
 BNA_F
 ClientSampled :

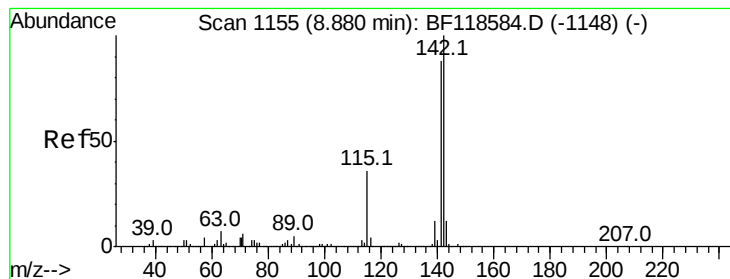
Tot Ion:113 Resp: 175123
 Ion Ratio Lower Upper
 113 100
 55 150.8 136.1 176.1
 56 113.2 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.757 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:107 Resp: 1124196
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.8 32.8
 142 83.4 66.5 99.7





#37

2-Methylnaphthalene

Concen: 45.241 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

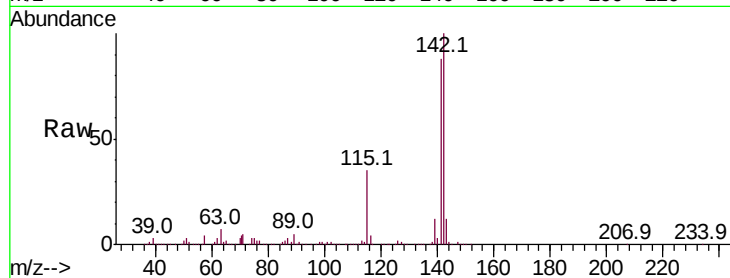
Tot Ion:142 Resp: 2462277

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

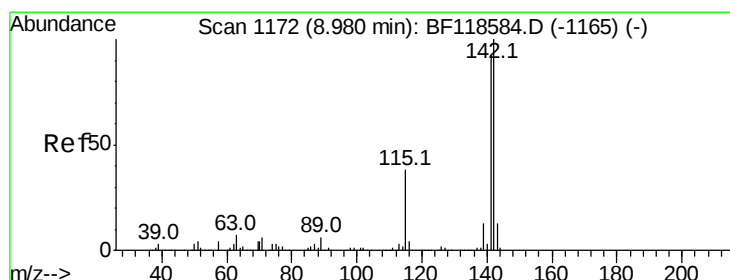
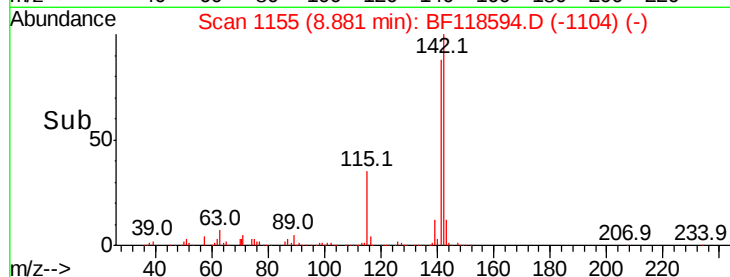
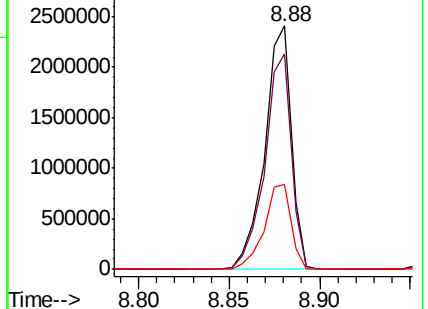
115 35.1 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.270 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

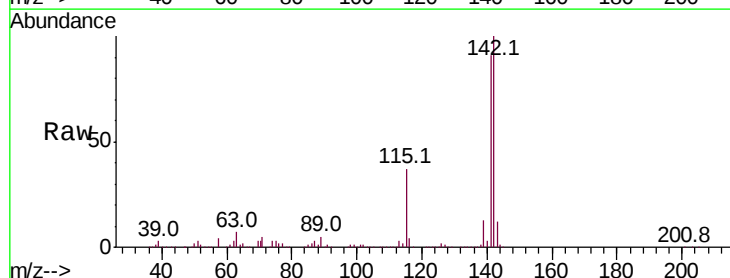
Tgt Ion:142 Resp: 2340803

Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.2

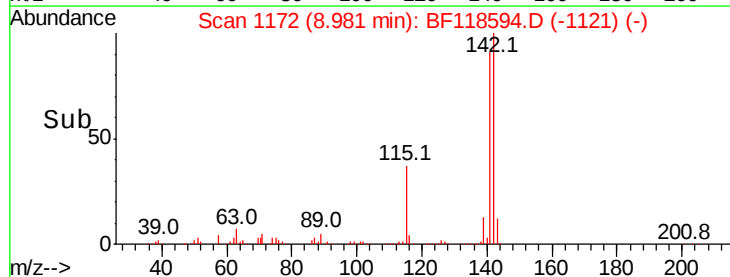
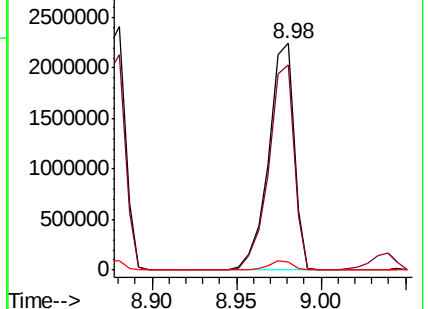
116 3.8 3.3 4.9

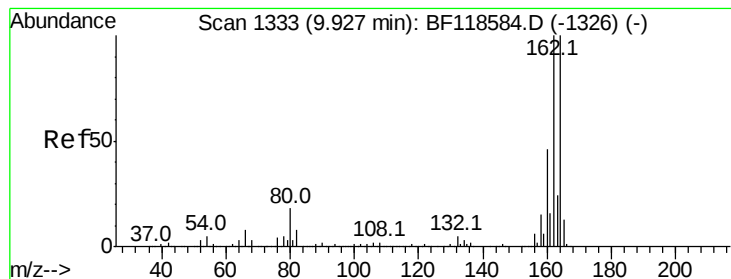


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

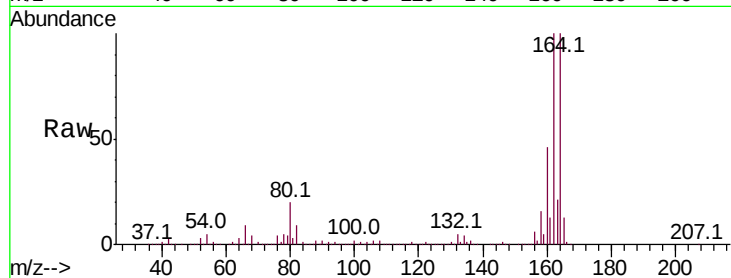
Tot Ion:164 Resp: 979455

Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

160 46.1 36.6 55.0

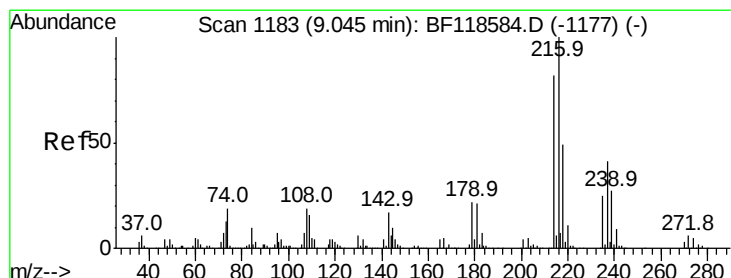
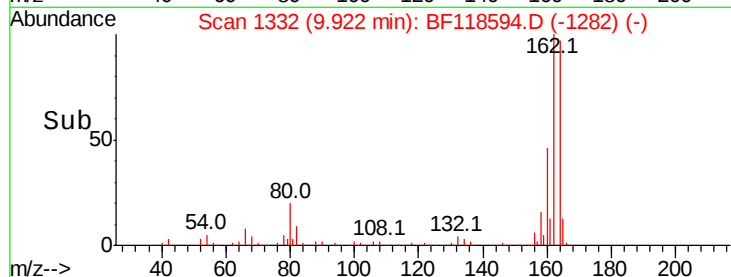
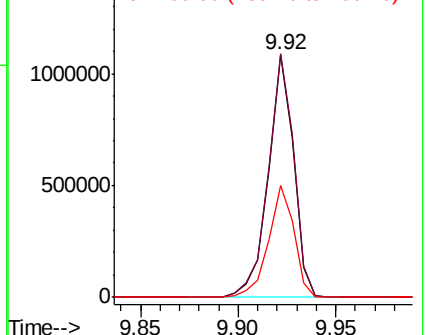


Abundance

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: 40.036 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:216 Resp: 1226956

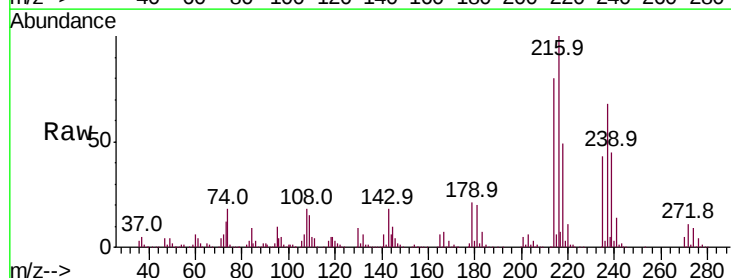
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 20.4 16.6 25.0

108 20.1 14.4 21.6



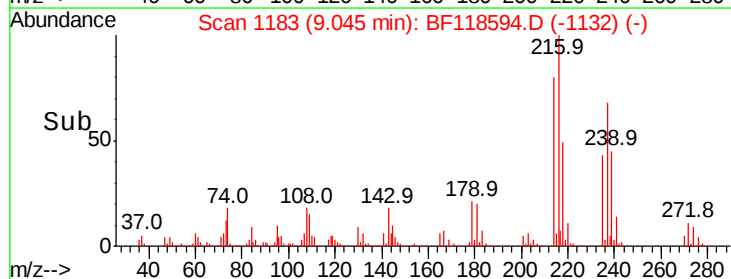
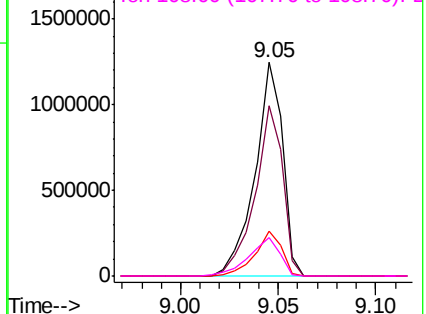
Abundance

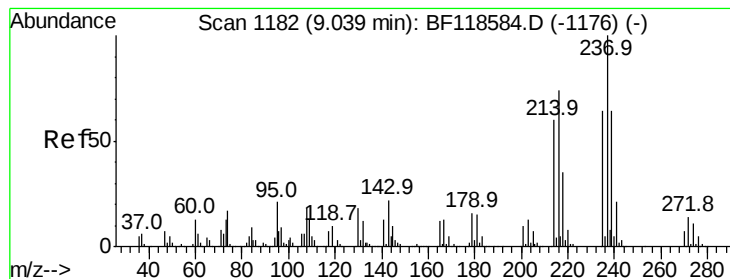
Ion 216.00 (215.70 to 216.70): E

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: 99.002 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

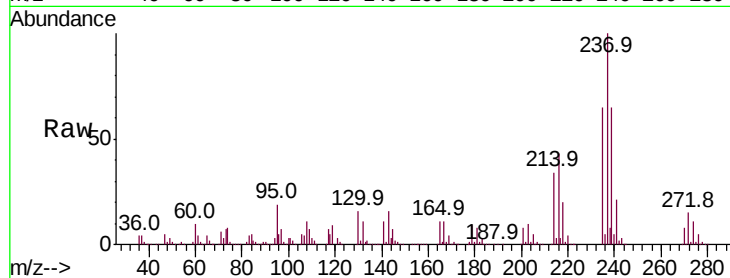
Tot Ion:237 Resp: 1530781

Ion Ratio Lower Upper

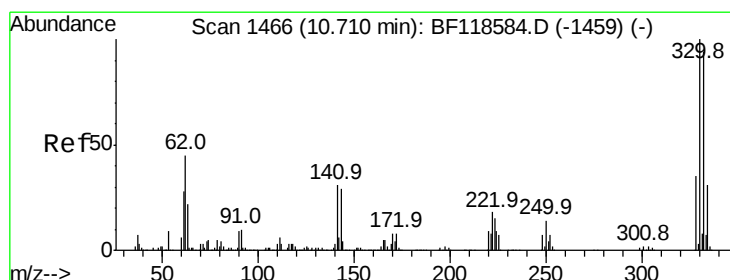
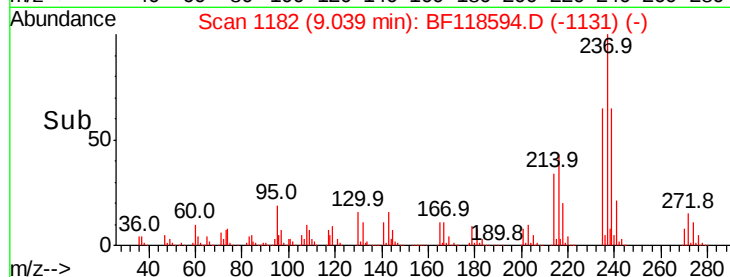
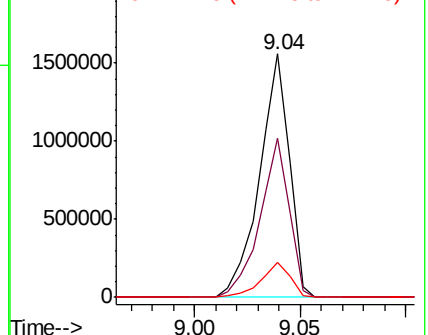
237 100

235 65.3 44.0 84.0

272 14.5 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 126.820 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

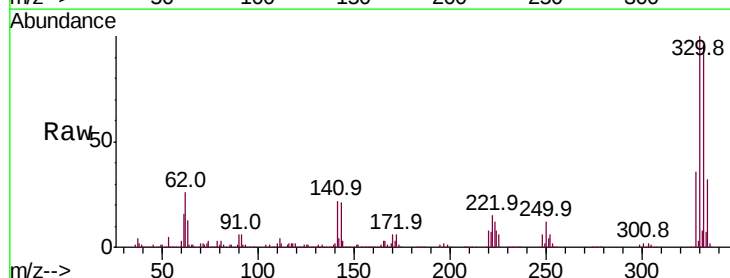
Tgt Ion:330 Resp: 1436700

Ion Ratio Lower Upper

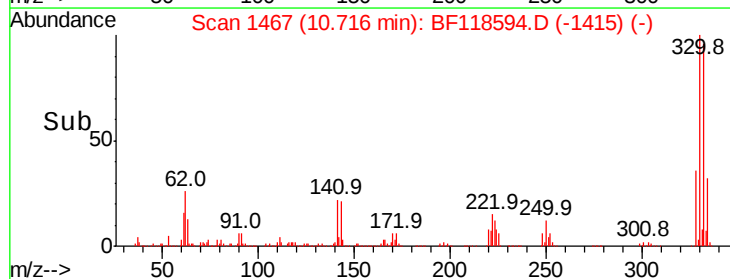
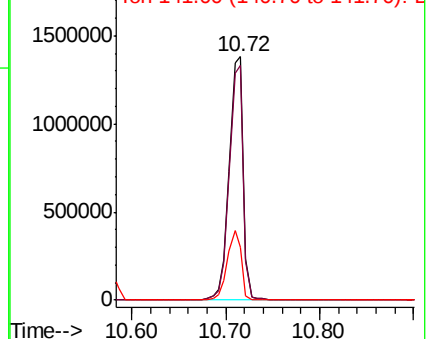
330 100

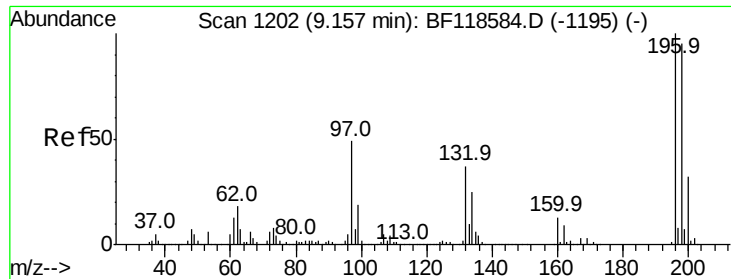
332 96.0 76.2 114.4

141 28.8 23.9 35.9



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

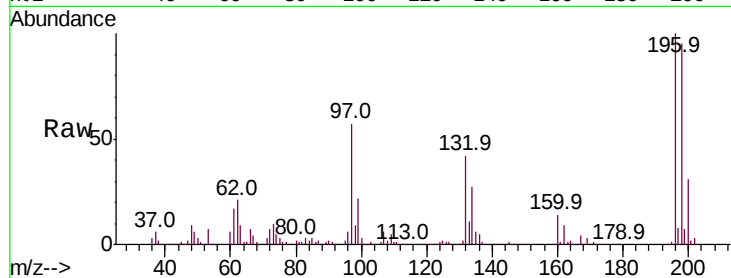




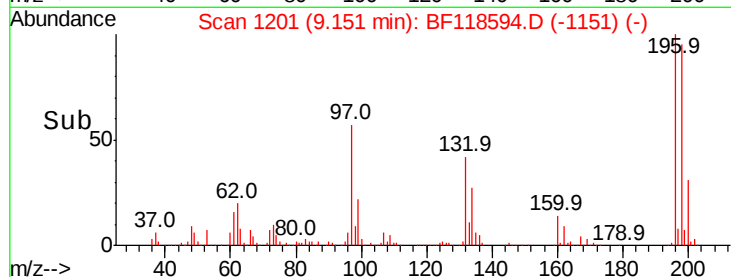
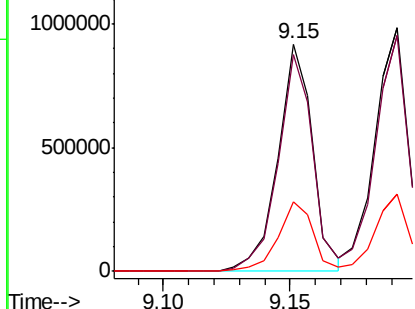
#43
 2,4,6-Trichlorophenol
 Concen: 43.256 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.3	114.5
200	30.8	25.4	38.2



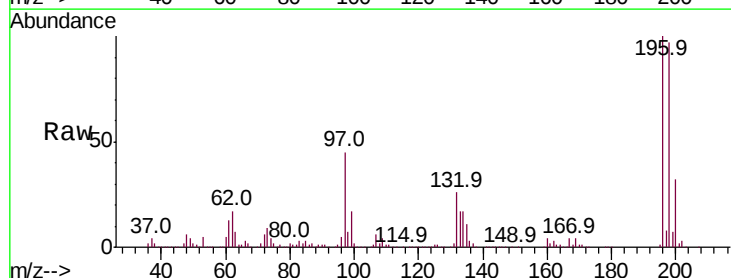
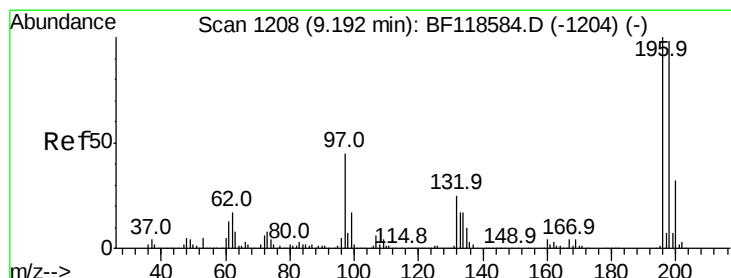
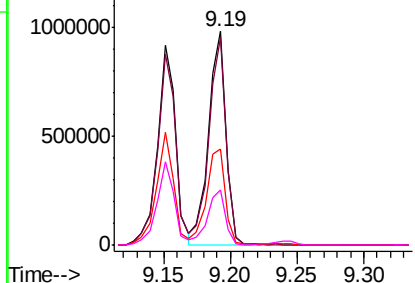
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

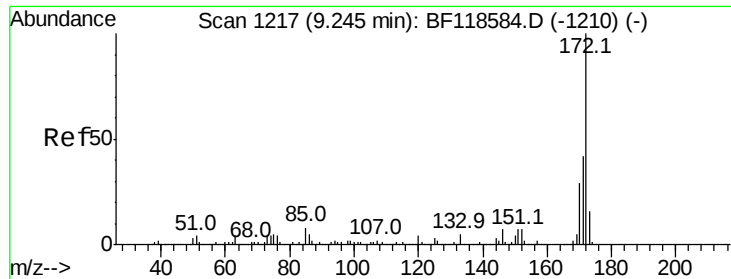


#44
 2,4,5-Trichlorophenol
 Concen: 43.622 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.3	117.5
97	45.0	35.9	53.9
132	25.6	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

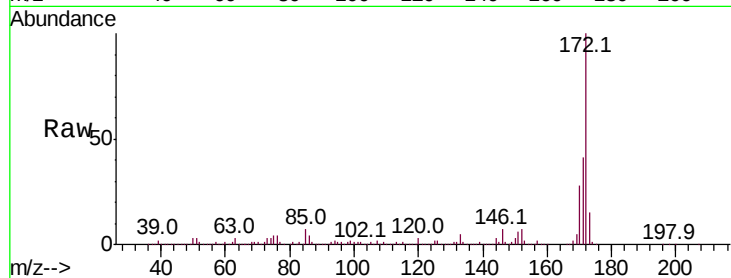




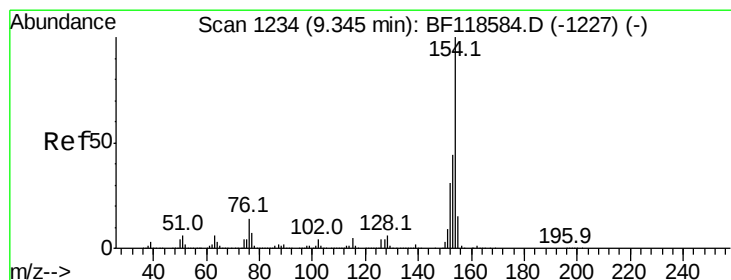
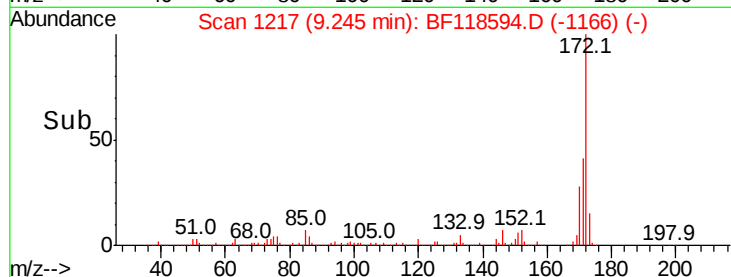
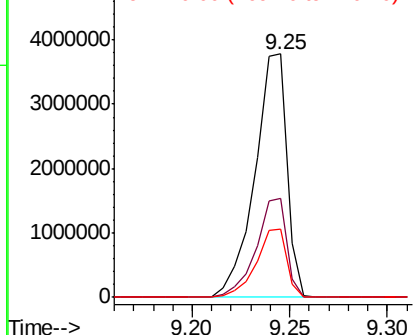
#45
2-Fluorobiphenyl
Concen: 72.333 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4310461
Ion Ratio Lower Upper
172 100
171 40.6 33.4 50.2
170 27.9 23.2 34.8

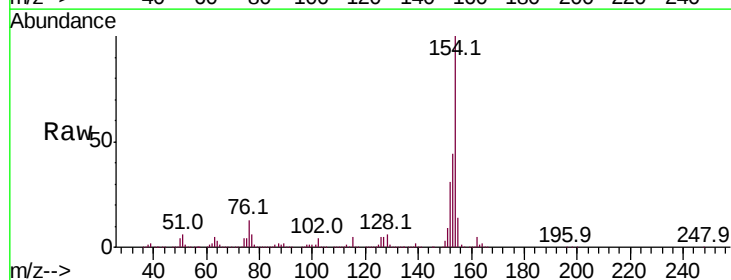


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

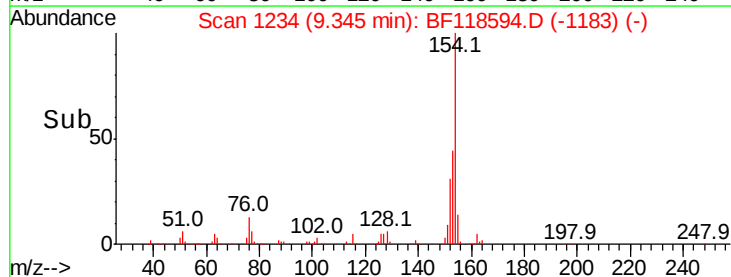
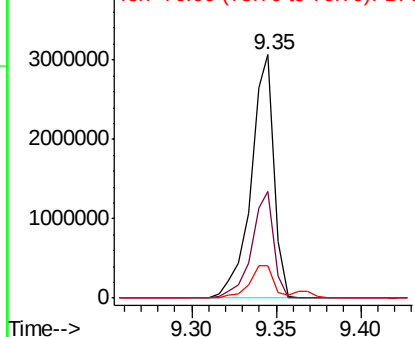


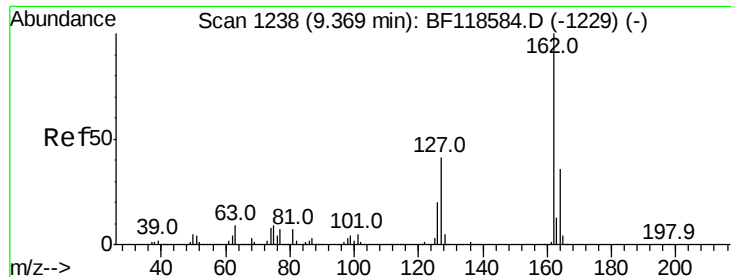
#46
1,1'-Biphenyl
Concen: 42.926 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:154 Resp: 2897645
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
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

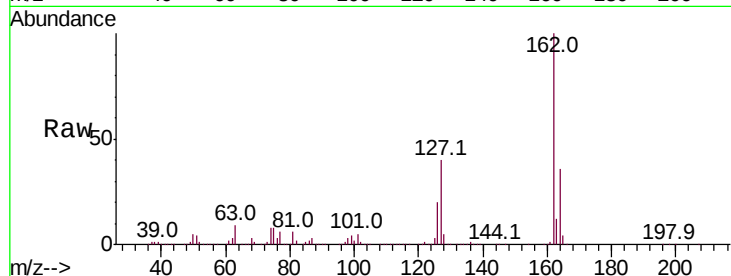




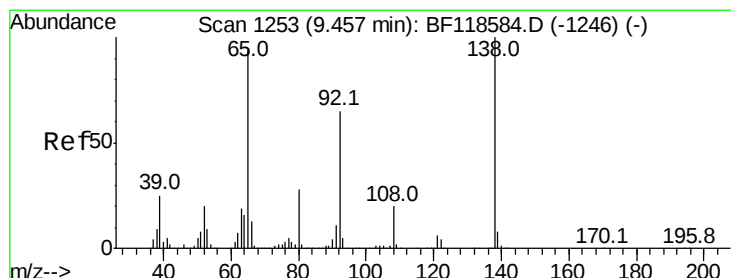
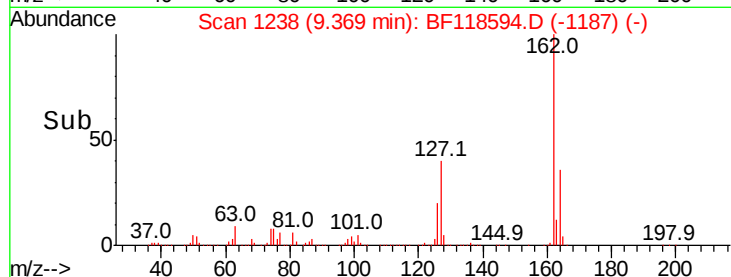
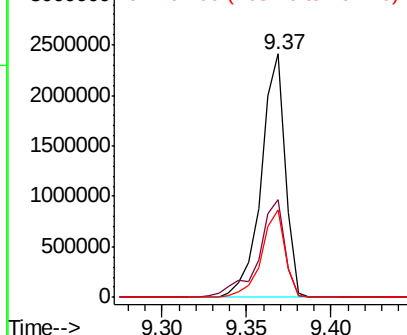
#47
2-Chloronaphthalene
Concen: 41.682 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2371604
Ion Ratio Lower Upper
162 100
127 40.1 33.0 49.6
164 35.7 28.6 42.8

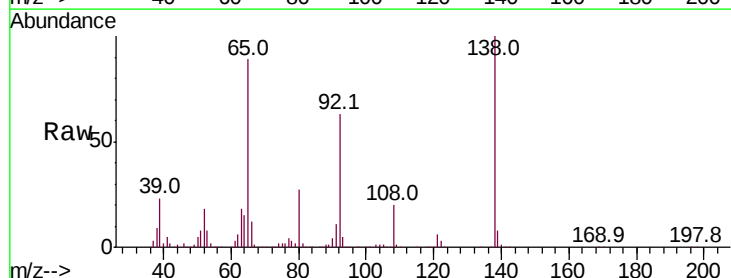


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

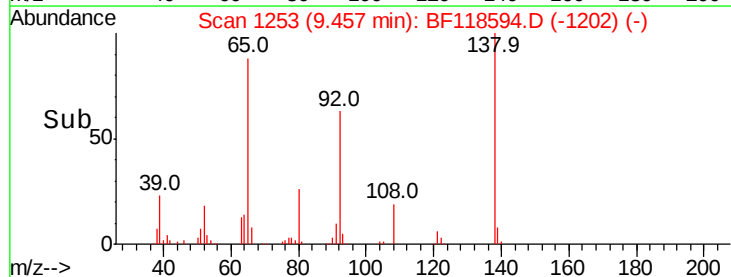
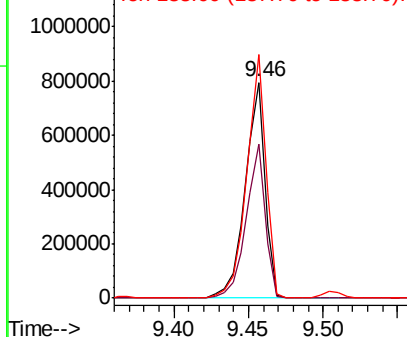


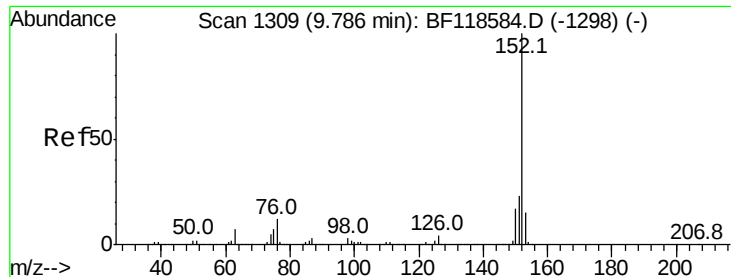
#48
2-Nitroaniline
Concen: 41.497 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion: 65 Resp: 725795
Ion Ratio Lower Upper
65 100
92 71.7 55.4 83.0
138 113.0 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: 44.721 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

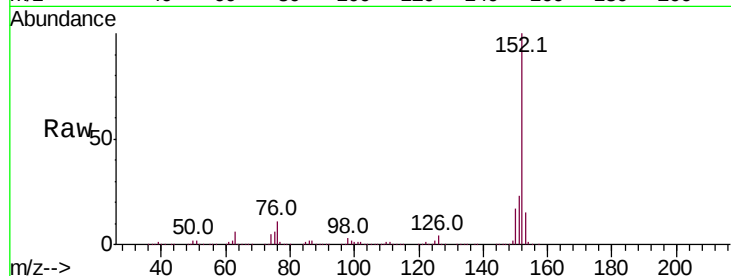
Tot Ion:152 Resp: 3579613

Ion Ratio Lower Upper

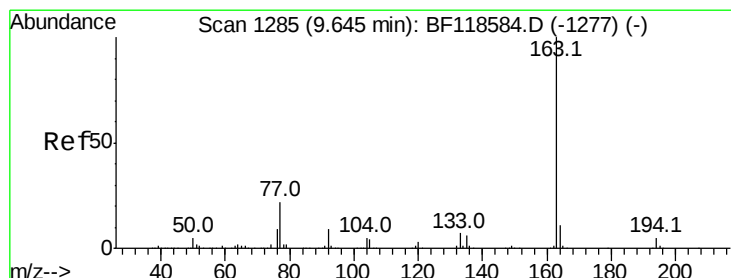
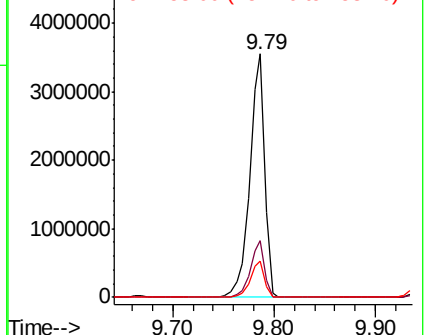
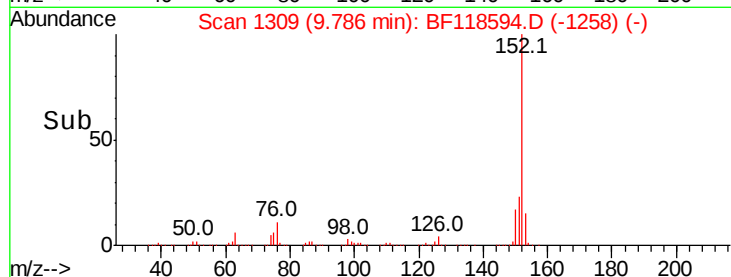
152 100

151 23.3 18.6 27.8

153 15.1 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: 42.538 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

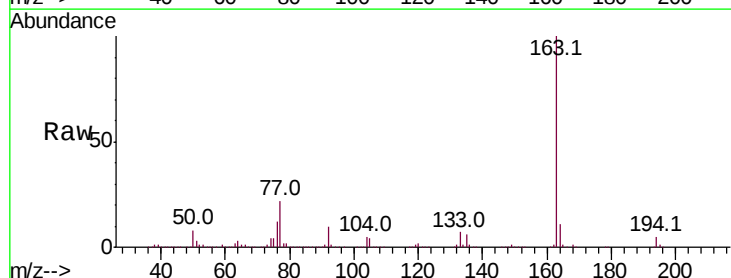
Tgt Ion:163 Resp: 2714475

Ion Ratio Lower Upper

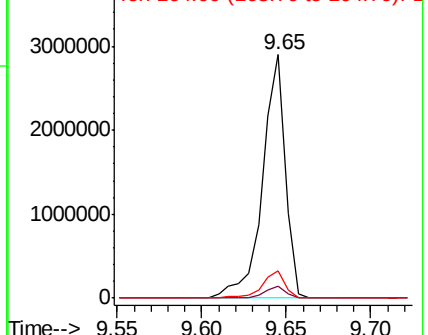
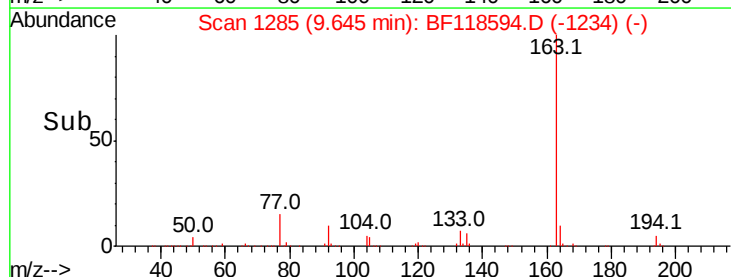
163 100

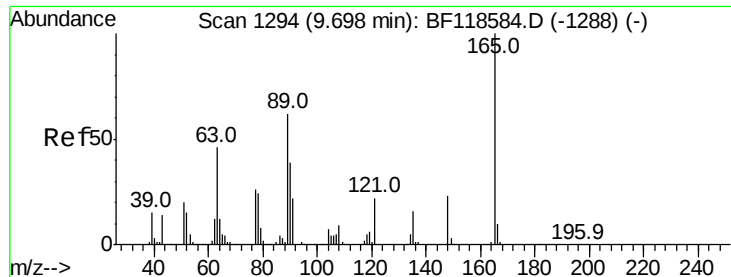
194 5.1 3.9 5.9

164 11.3 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

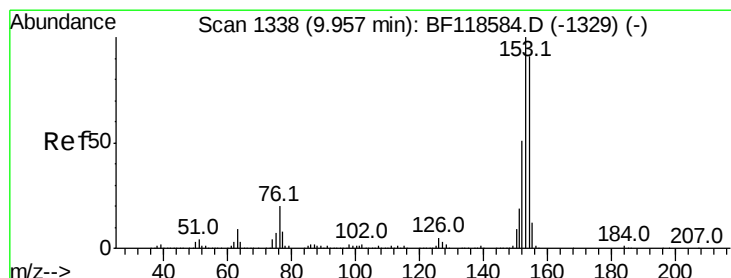
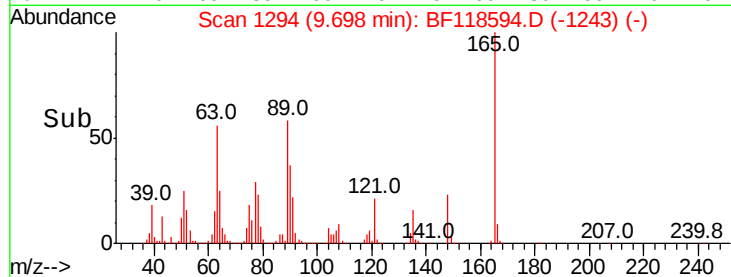
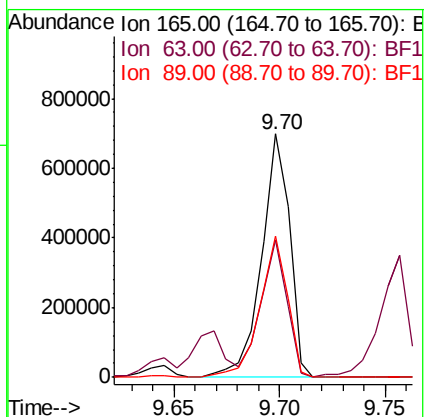
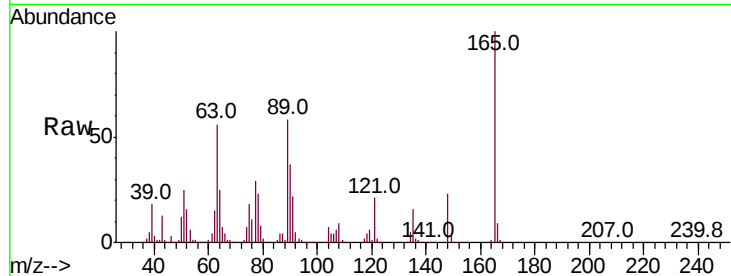




#51
 2,6-Dinitrotoluene
 Concen: 45.240 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

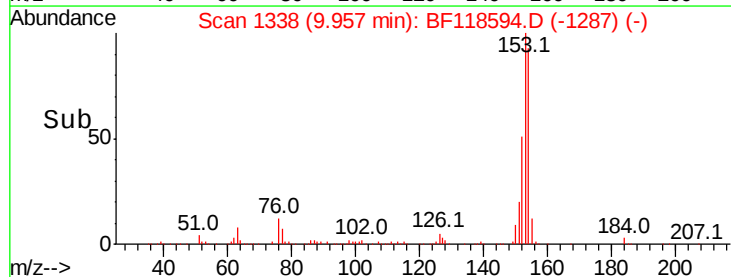
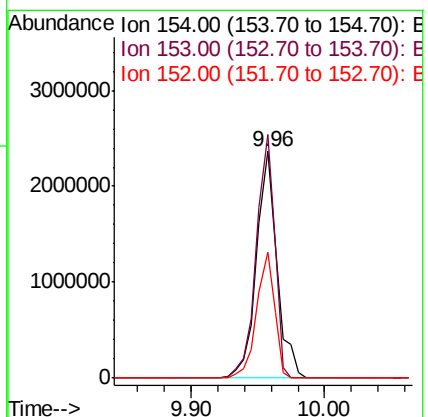
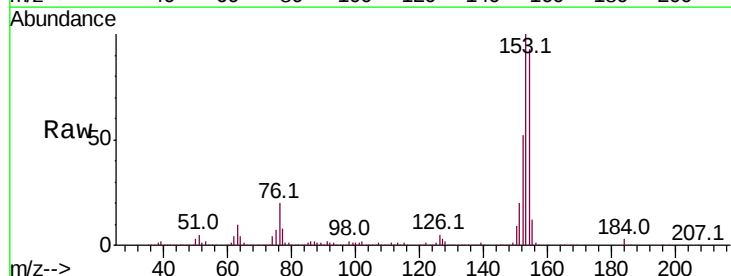
Instrument :
 BNA_F
 ClientSampleId :

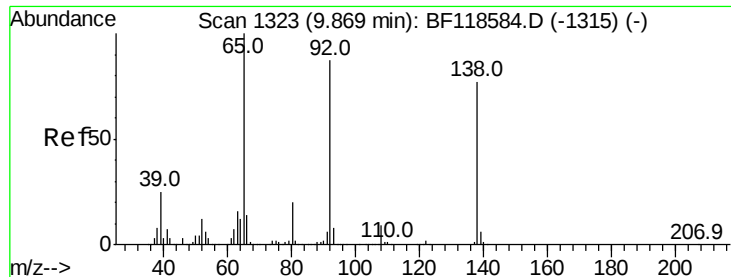
Tot Ion:165 Resp: 646459
 Ion Ratio Lower Upper
 165 100
 63 56.5 48.9 73.3
 89 58.1 49.8 74.6



#52
 Acenaphthene
 Concen: 46.391 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:154 Resp: 2482982
 Ion Ratio Lower Upper
 154 100
 153 107.4 87.6 131.4
 152 55.3 44.4 66.6

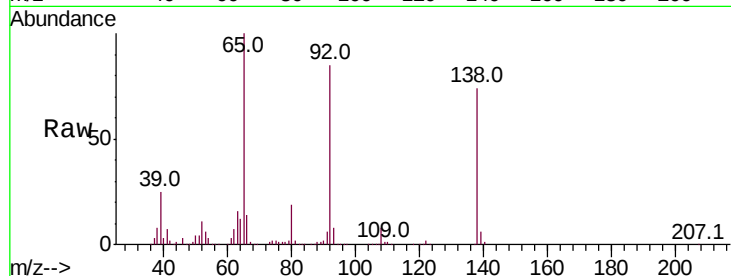




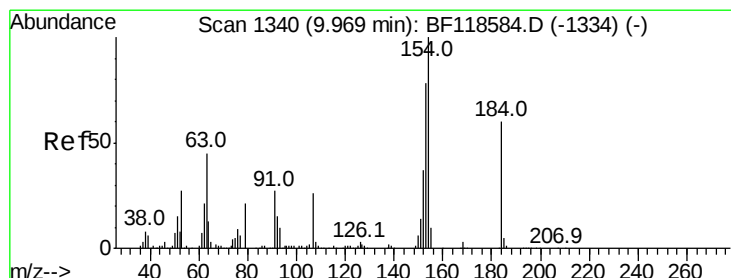
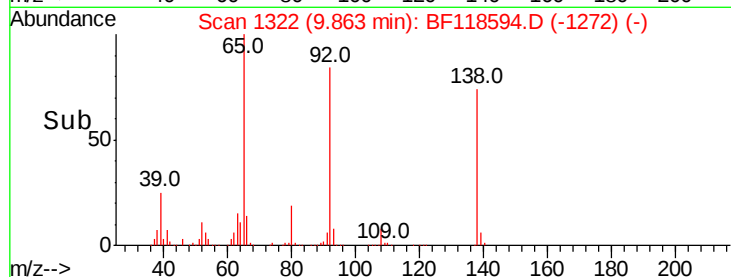
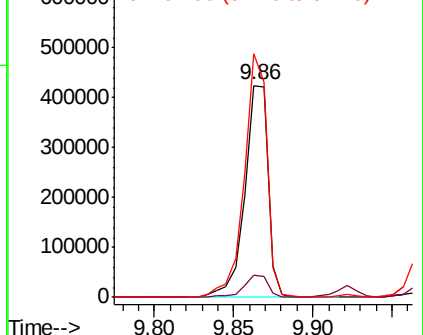
#53
3-Nitroaniline
Concen: 26.438 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 431374
Ion Ratio Lower Upper
138 100
108 10.8 9.6 14.4
92 115.0 90.6 136.0

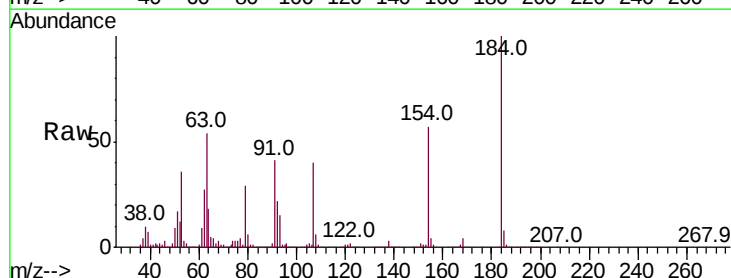


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

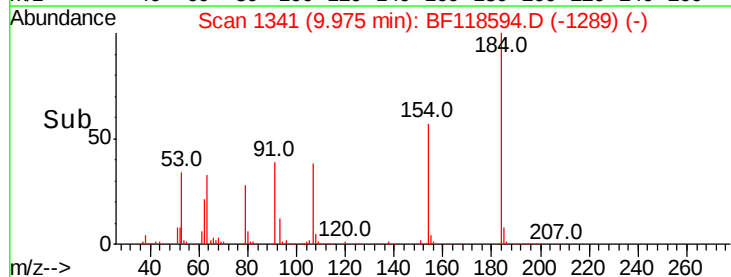
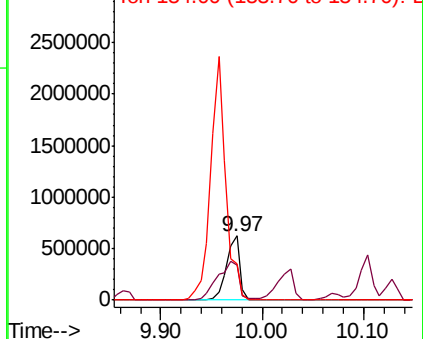


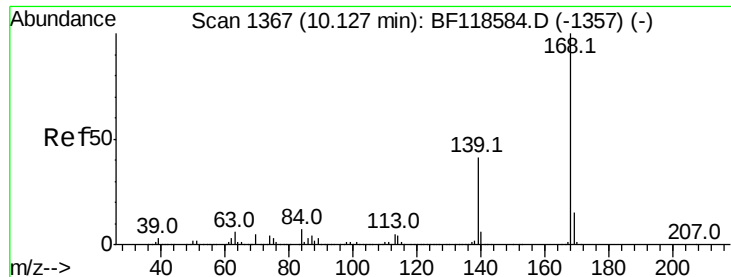
#54
2,4-Dinitrophenol
Concen: 100.699 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:184 Resp: 574460
Ion Ratio Lower Upper
184 100
63 54.5 60.6 90.8#
154 57.1 137.3 205.9#



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





#55

Dibenzenofuran

Concen: 43.721 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

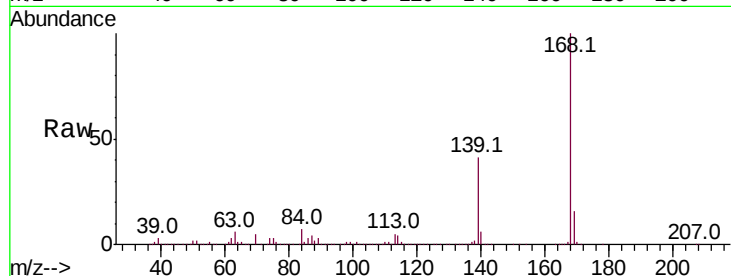
Tot Ion:168 Resp: 3242892

Ion Ratio Lower Upper

168 100

139 41.4 32.7 49.1

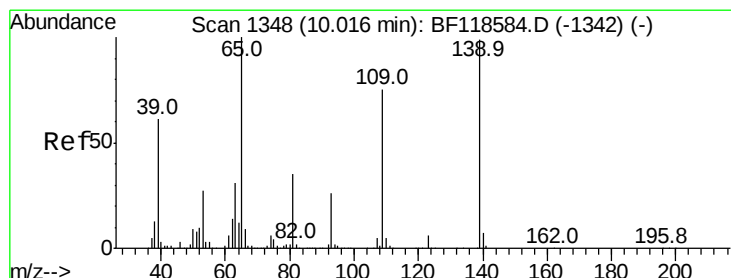
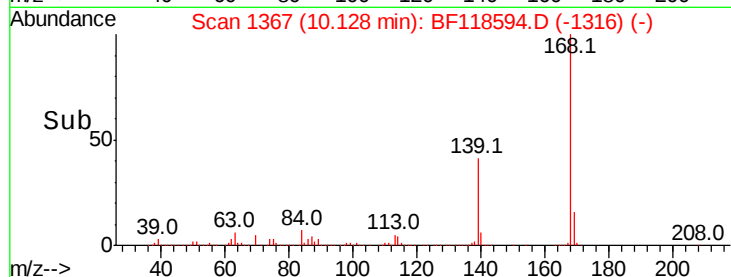
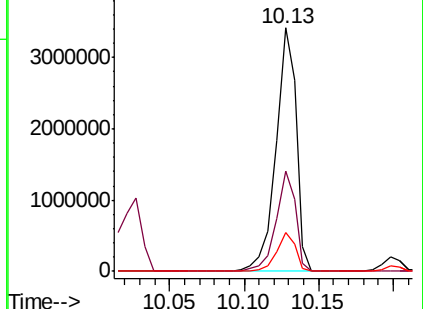
169 16.1 12.2 18.2



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: 92.164 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

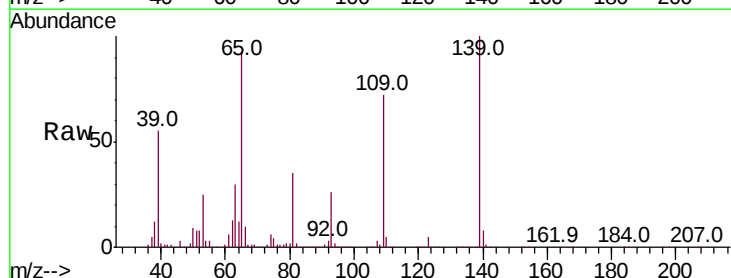
Tgt Ion:139 Resp: 1135237

Ion Ratio Lower Upper

139 100

109 71.9 56.0 96.0

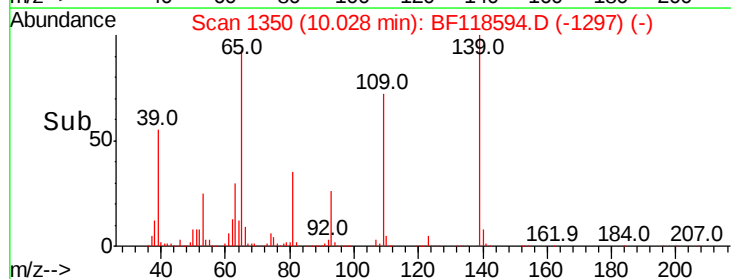
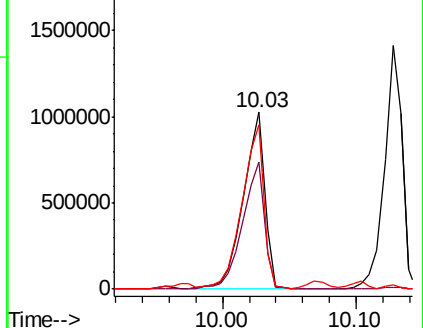
65 93.1 81.4 121.4

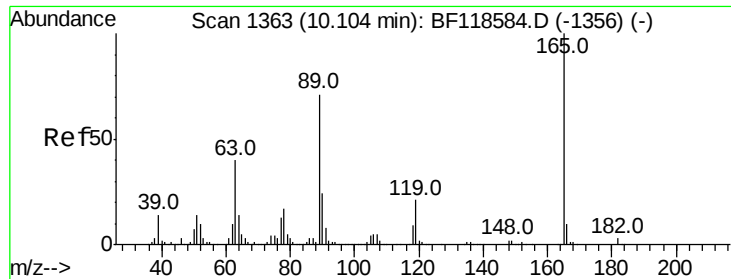


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

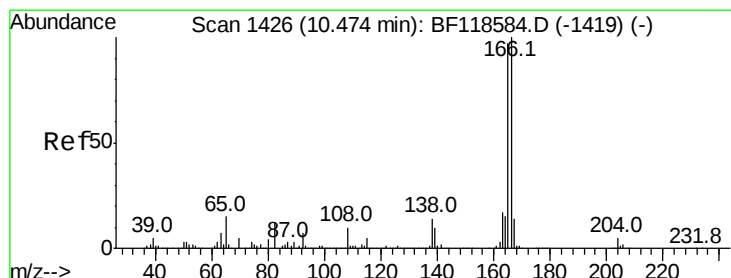
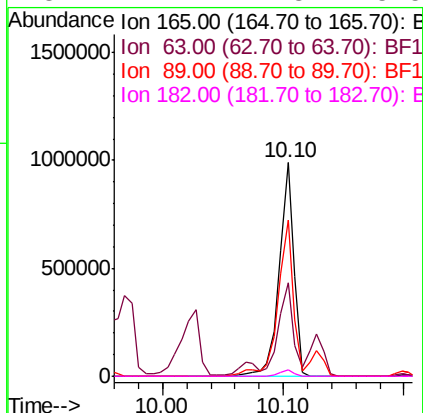
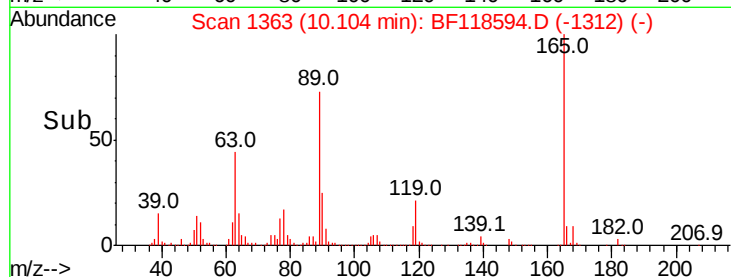
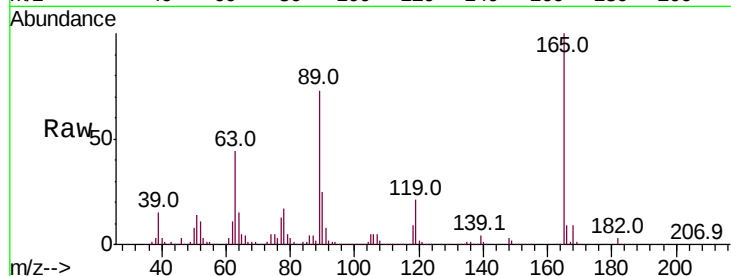




#57
 2,4-Dinitrotoluene
 Concen: 46.732 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

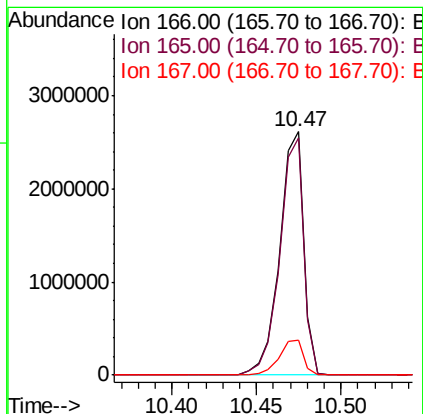
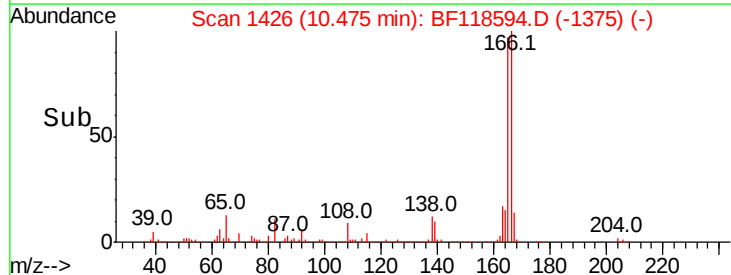
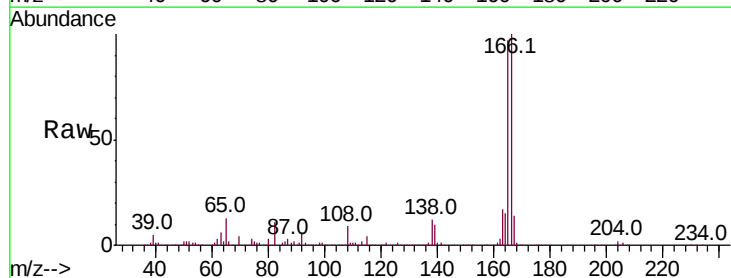
Instrument :
 BNA_F
 ClientSampled :

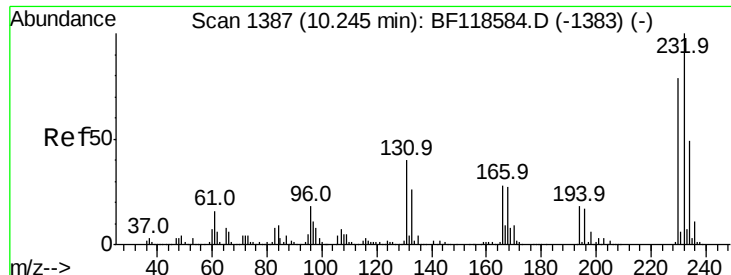
Tot Ion:	165	Resp:	841830
Ion	Ratio	Lower	Upper
165	100		
63	44.0	32.4	48.6
89	73.2	56.4	84.6
182	2.7	2.3	3.5



#58
 Fluorene
 Concen: 44.446 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:	166	Resp:	2588052
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.3	115.9
167	14.4	11.5	17.3

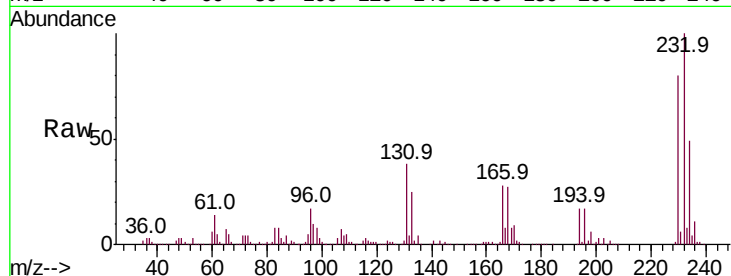




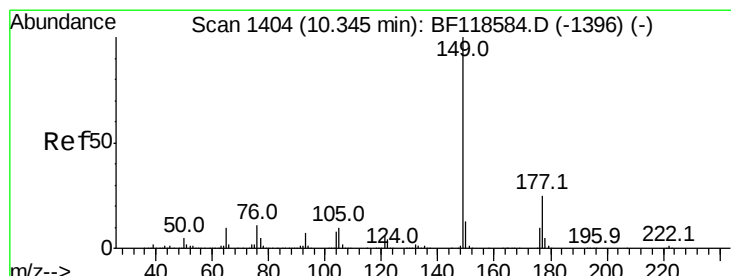
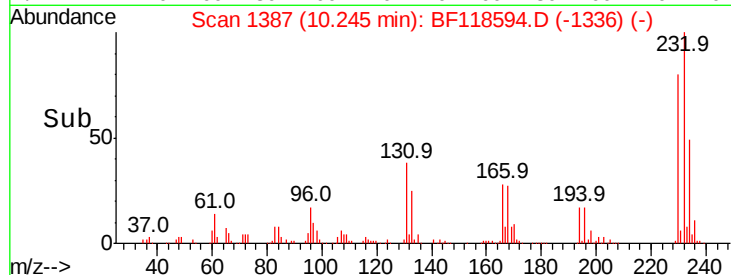
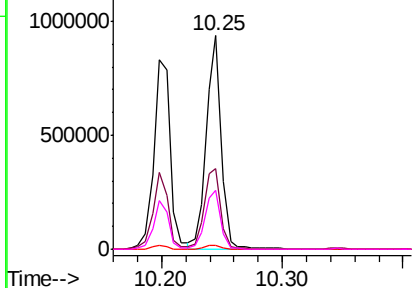
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.537 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.2	49.8
130	2.2	1.8	2.6
166	29.4	22.6	33.8

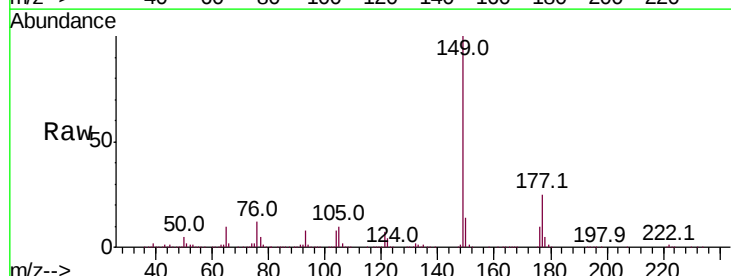


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

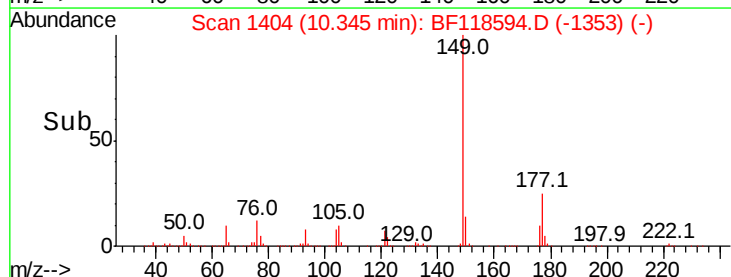
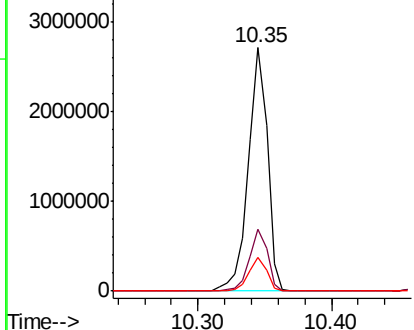


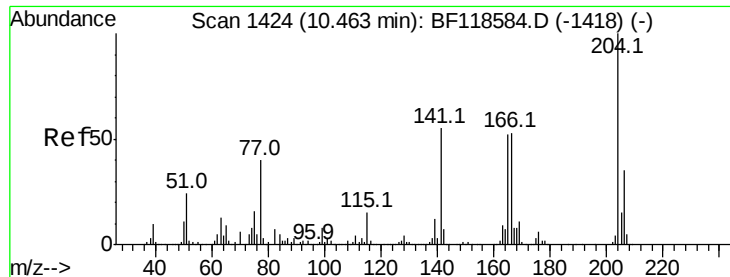
#60
 Diethylphthalate
 Concen: 42.806 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.0	30.0
150	13.9	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

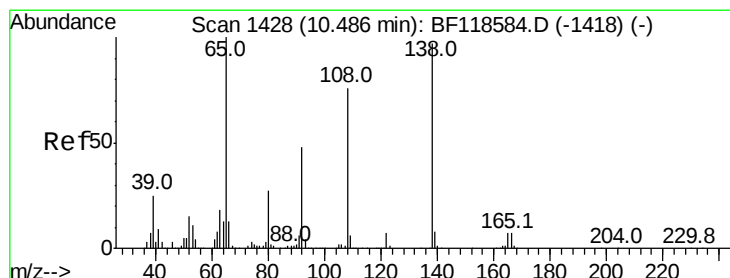
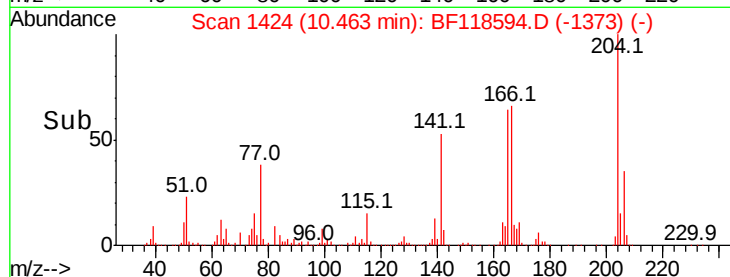
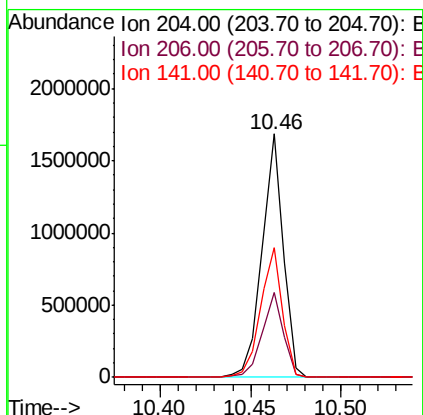
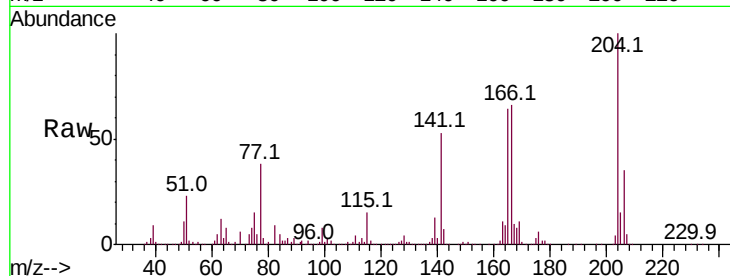




#61
4-Chlorophenyl-phenylether
Concen: 43.552 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

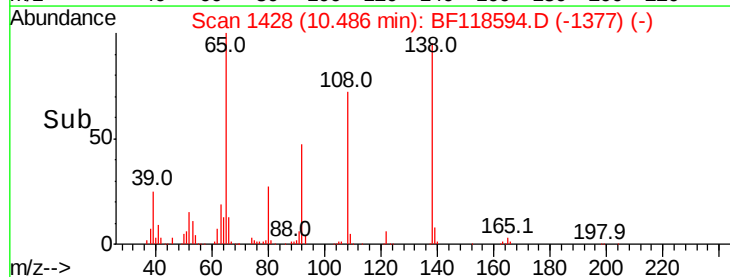
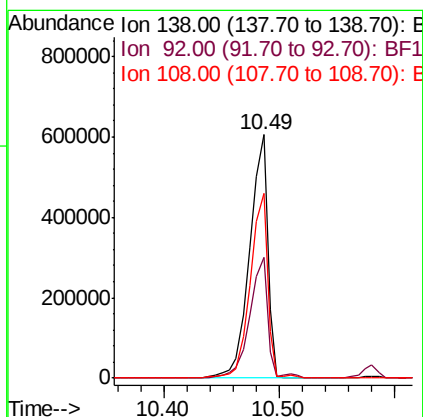
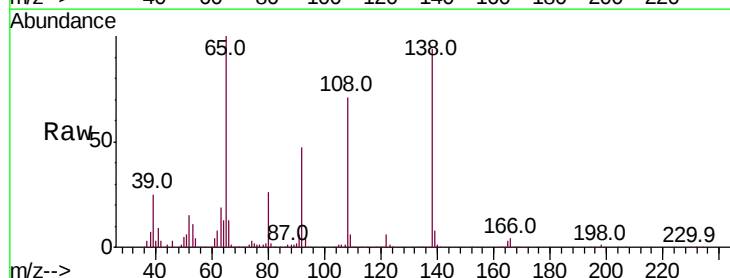
Instrument :
BNA_F
ClientSampled :

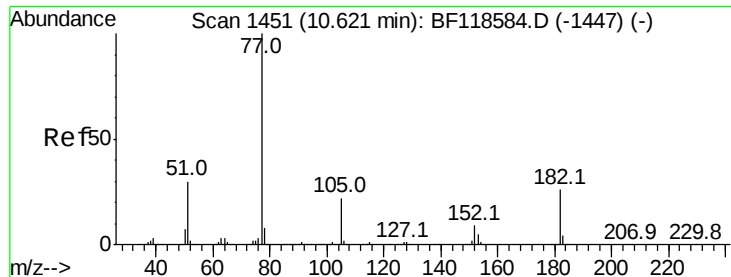
Tot Ion:204 Resp: 1379265
Ion Ratio Lower Upper
204 100
206 35.0 27.8 41.6
141 53.2 43.7 65.5



#62
4-Nitroaniline
Concen: 39.330 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:138 Resp: 658270
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 76.1 58.2 98.2





#63

Azobenzene

Concen: 44.419 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

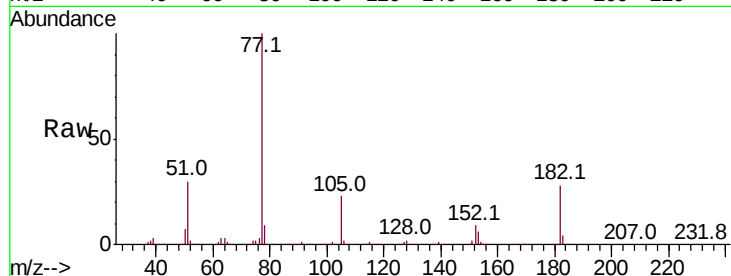
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2661601

Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.6	45.6
105	22.8	2.0	42.0
51	30.0	10.2	50.2



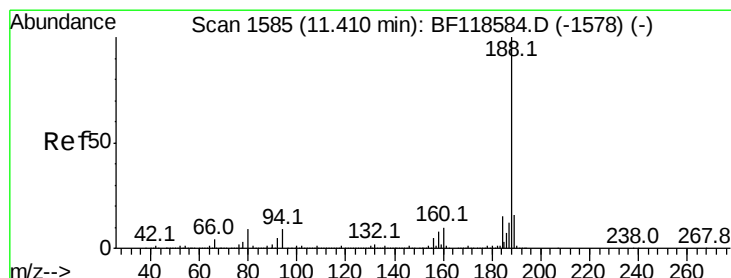
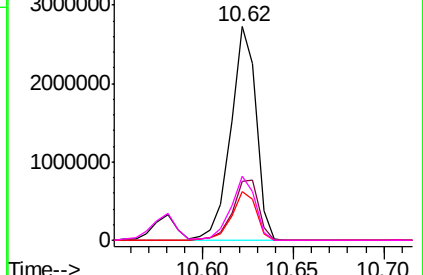
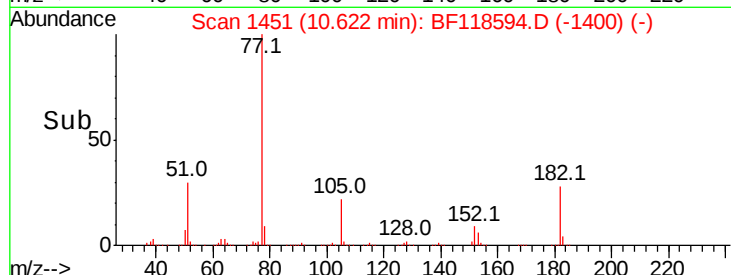
Abundance

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

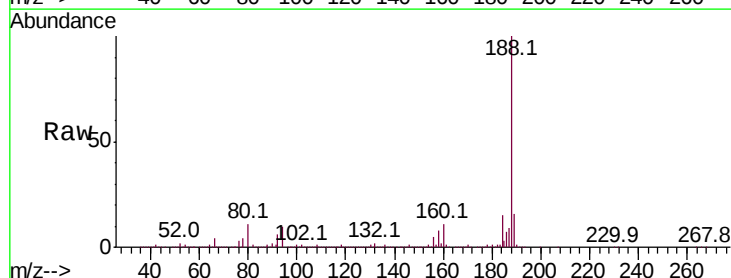
Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion: 188 Resp: 1812665

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.9	7.5	11.3

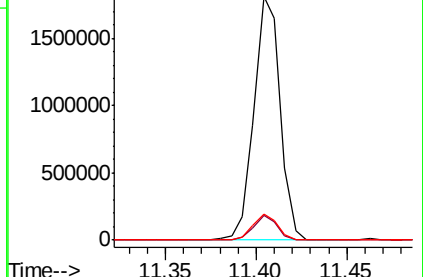
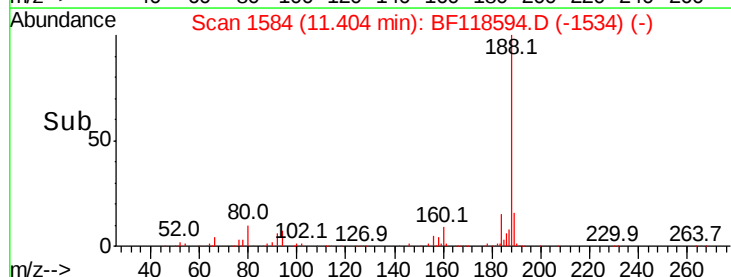


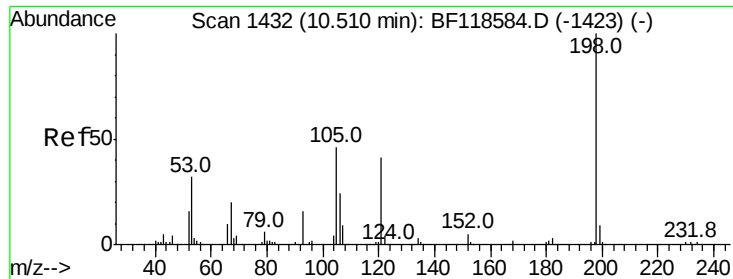
Abundance

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: 49.523 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

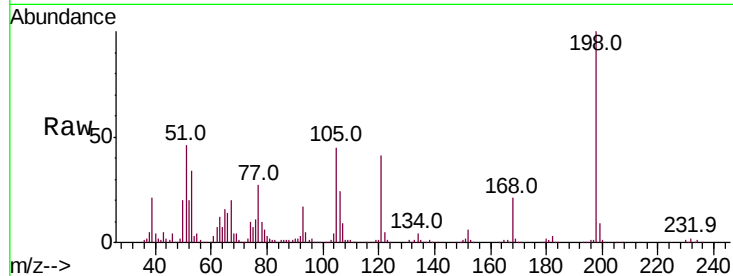
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 394733

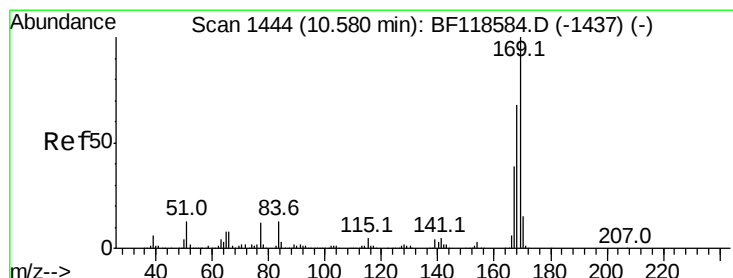
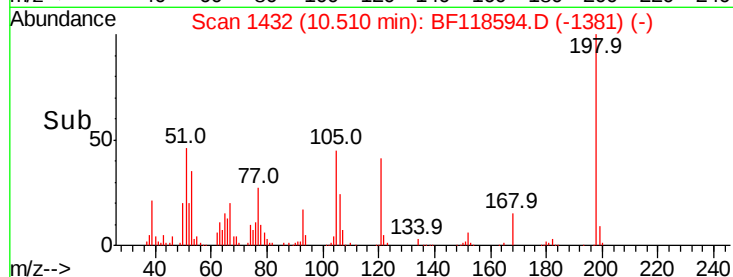
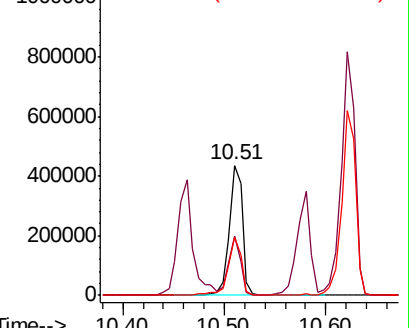
Ion	Ratio	Lower	Upper
198	100		
51	45.7	25.2	65.2
105	44.7	26.3	66.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.725 ng

RT: 10.58 min Scan# 1444

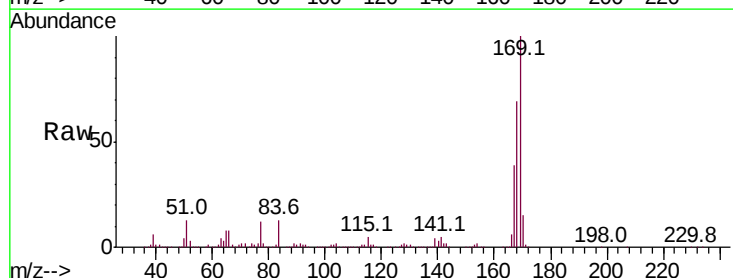
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:169 Resp: 2390262

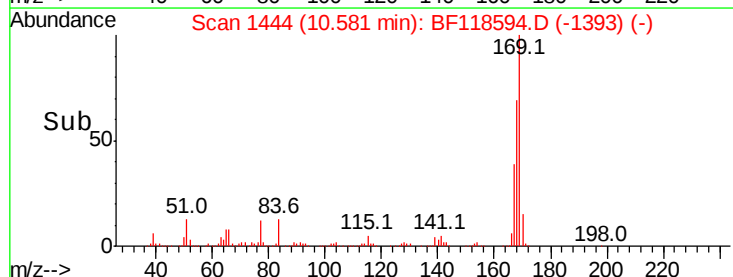
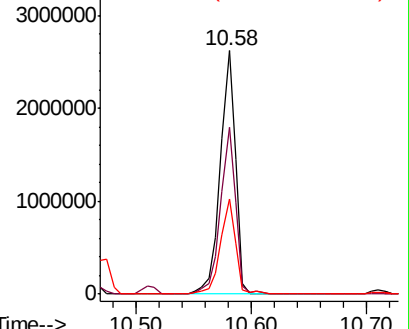
Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.6	82.0
167	39.1	30.9	46.3

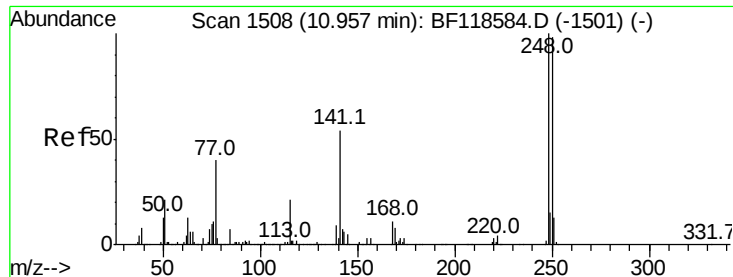


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

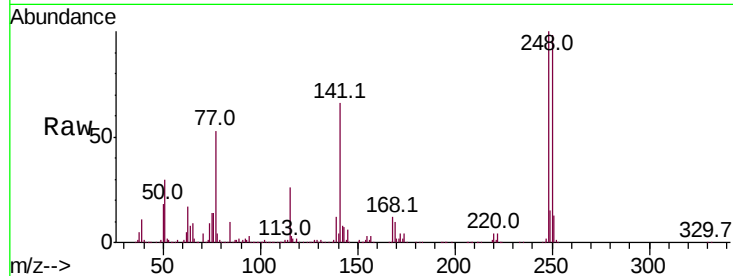




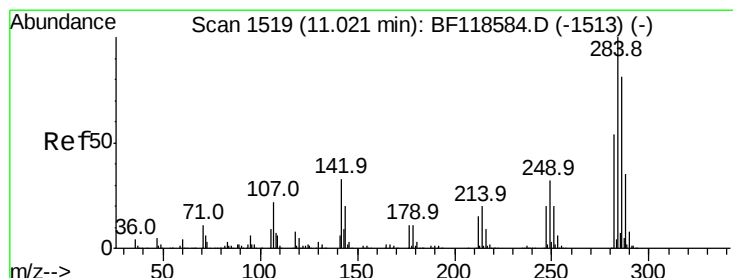
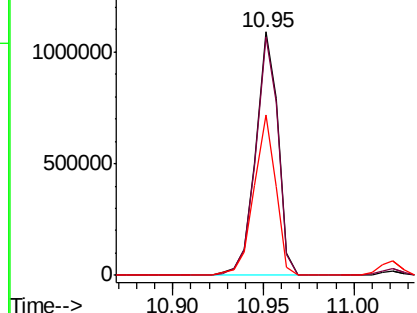
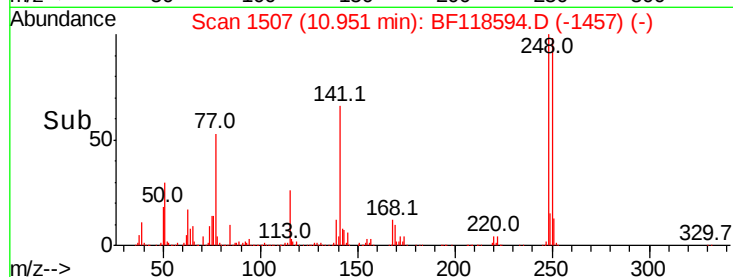
#67
4-Bromophenyl-phenylether
Concen: 41.659 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 932940
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 65.9 43.2 64.8#

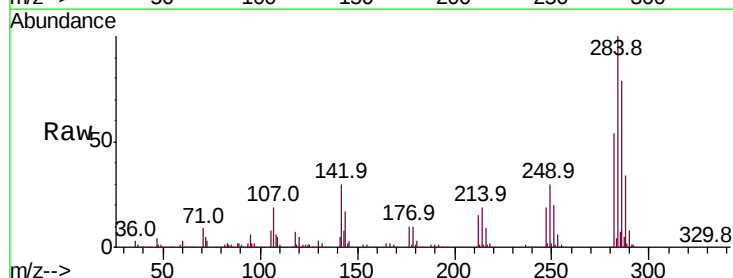


Abundance Ion 248.00 (247.70 to 248.70): E
1500000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

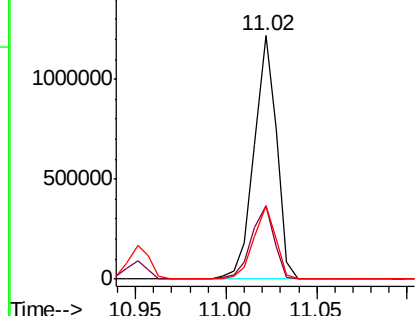
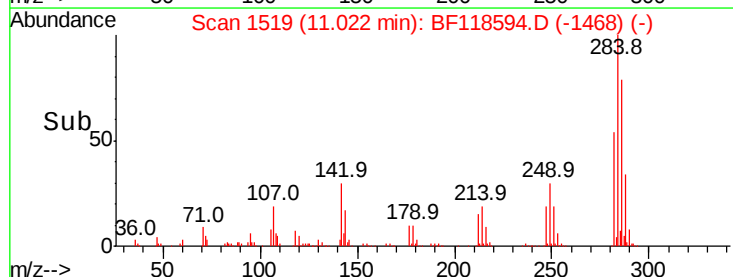


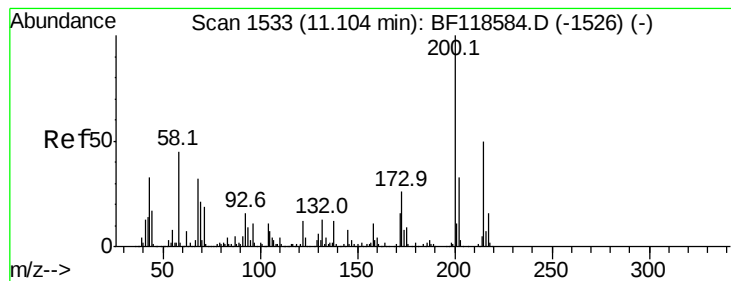
#68
Hexachlorobenzene
Concen: 41.256 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:284 Resp: 1047489
Ion Ratio Lower Upper
284 100
142 30.1 26.6 39.8
249 30.4 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
1500000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.521 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

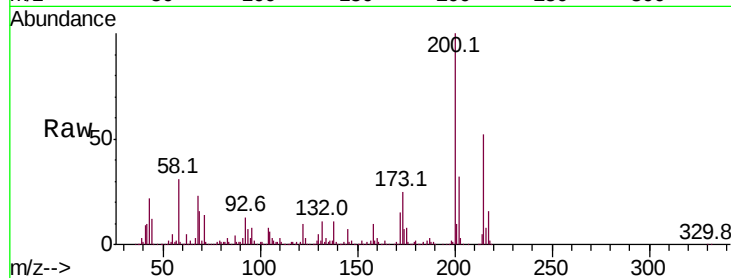
Tot Ion:200 Resp: 862498

Ion Ratio Lower Upper

200 100

173 24.8 6.3 46.3

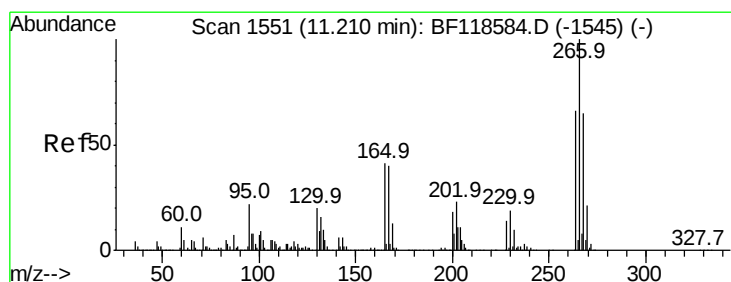
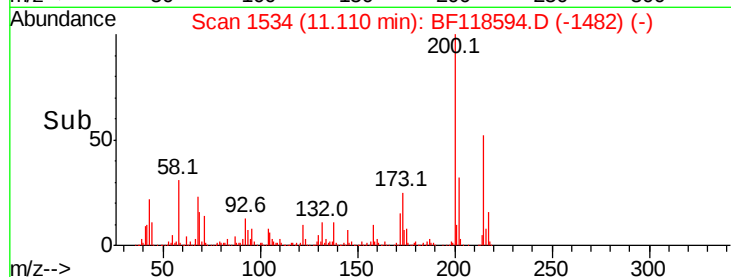
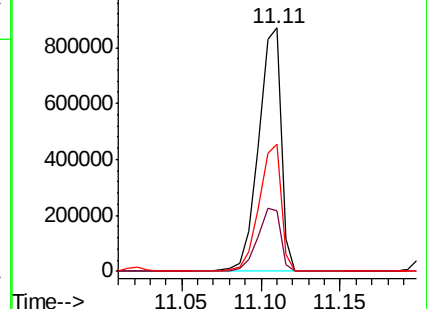
215 52.1 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.099 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

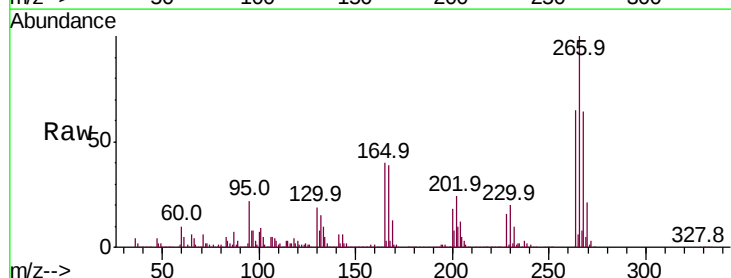
Tgt Ion:266 Resp: 1215406

Ion Ratio Lower Upper

266 100

268 63.8 52.1 78.1

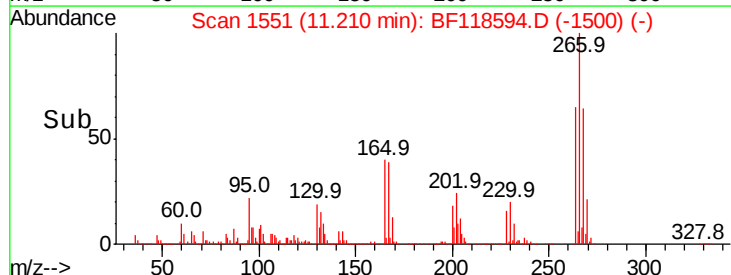
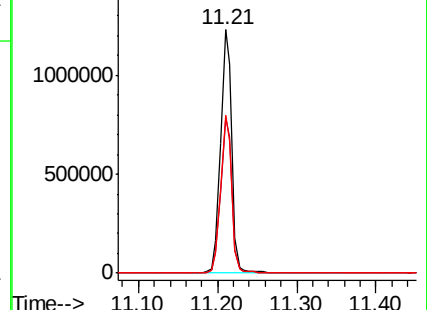
264 65.0 52.4 78.6

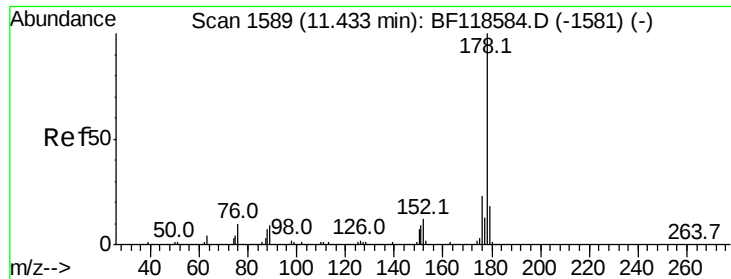


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

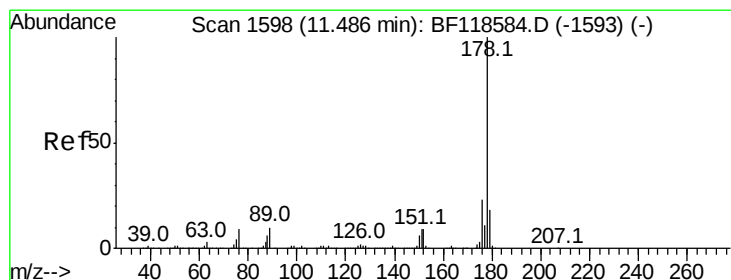
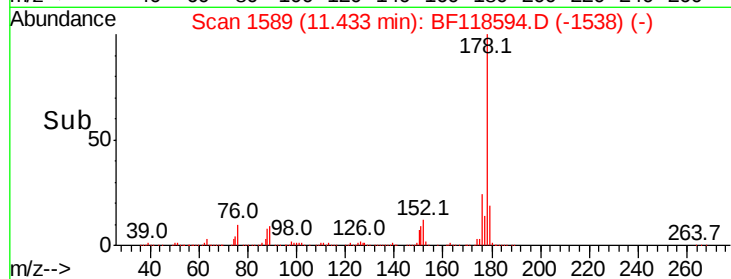
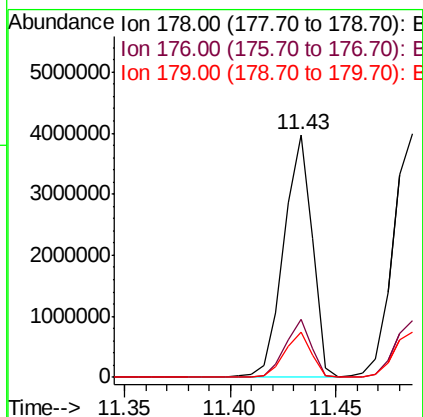
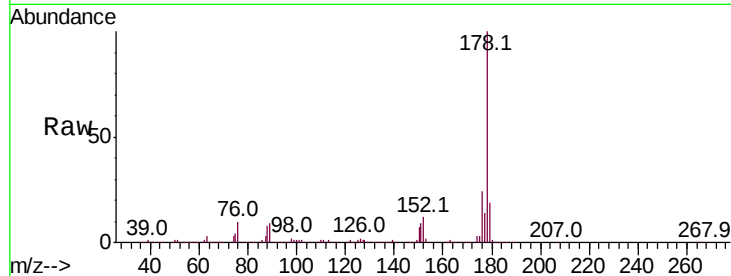




#71
Phenanthrene
Concen: 42.775 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

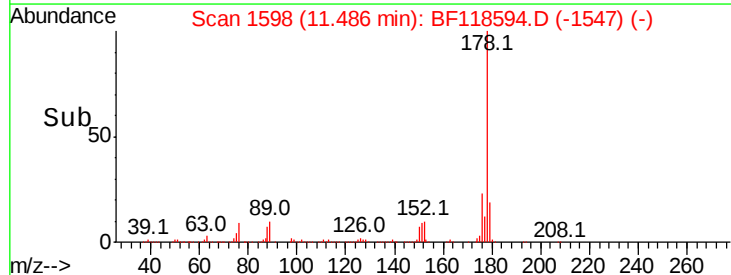
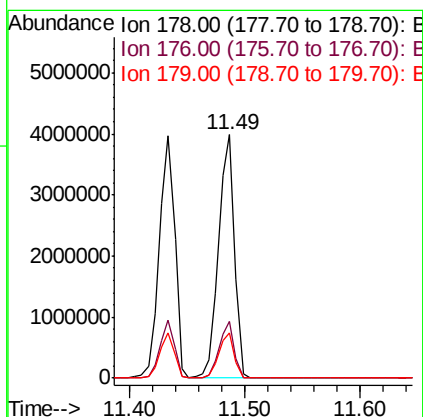
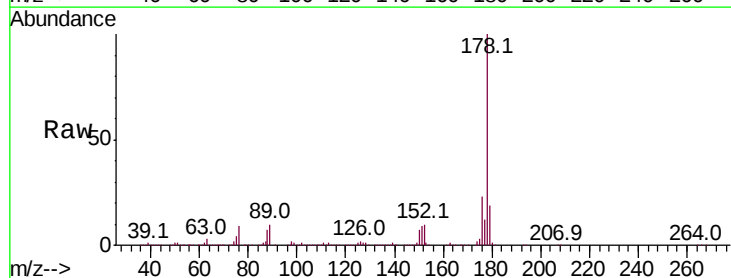
Instrument :
BNA_F
ClientSampled :

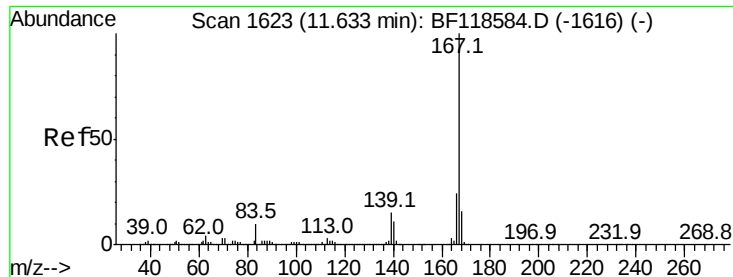
Tot Ion:178 Resp: 3740662
Ion Ratio Lower Upper
178 100
176 23.8 18.6 27.8
179 18.7 14.7 22.1



#72
Anthracene
Concen: 44.111 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:178 Resp: 3817024
Ion Ratio Lower Upper
178 100
176 23.3 18.0 27.0
179 18.7 14.7 22.1



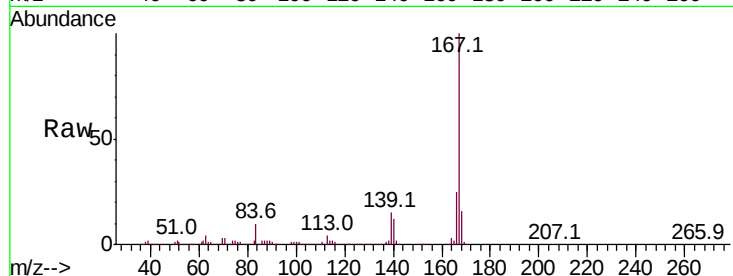


#73
 Carbazole
 Concen: 43.048 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

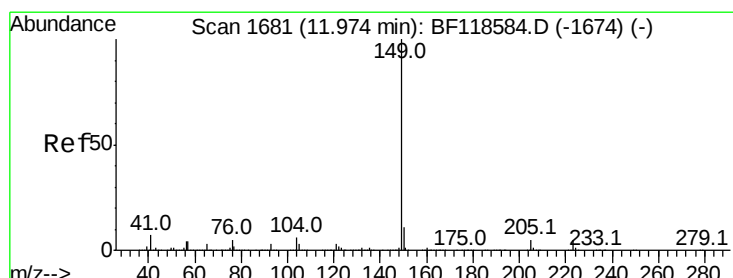
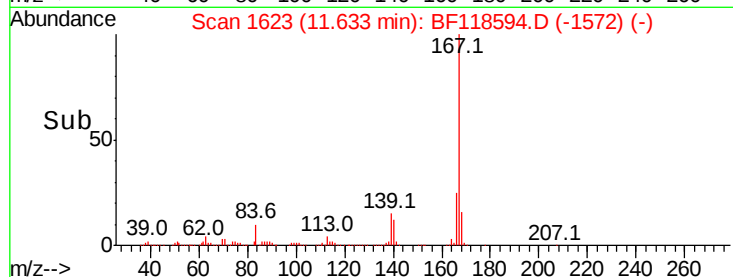
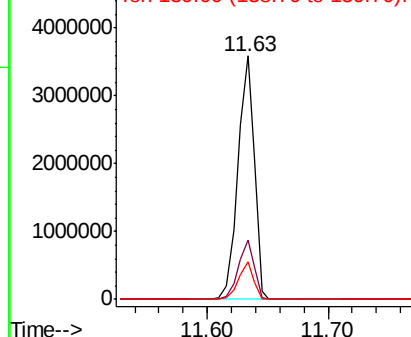
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3416739

Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.4	29.2
139	15.2	11.7	17.5



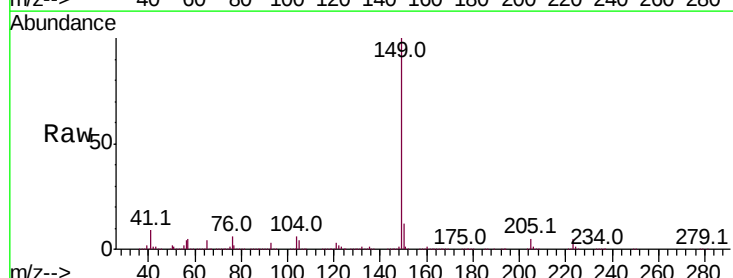
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



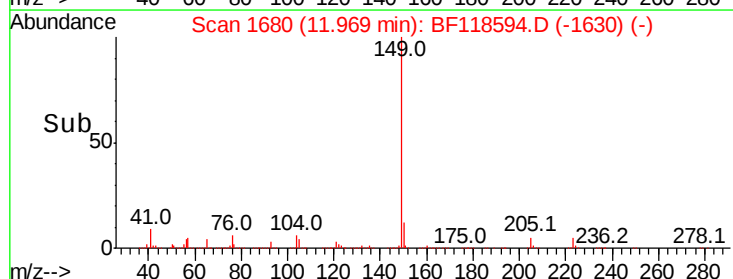
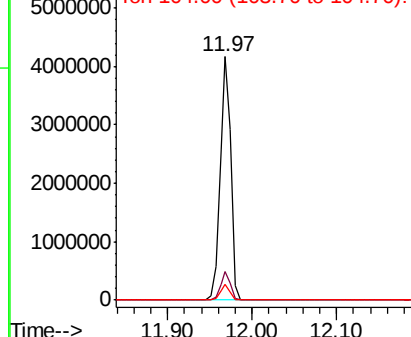
#74
 Di-n-butylphthalate
 Concen: 42.481 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

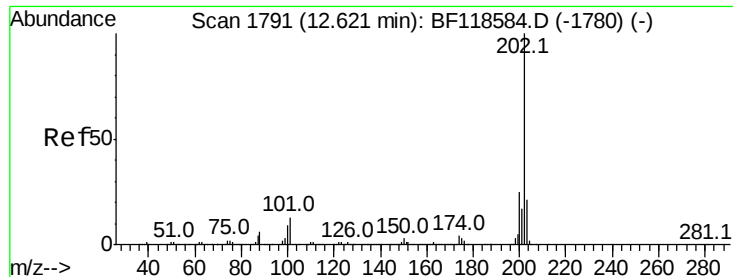
Tgt Ion:149 Resp: 3746098

Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.7	13.1
104	6.4	4.6	6.8



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





#75

Fluoranthene

Concen: 42.847 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampled :

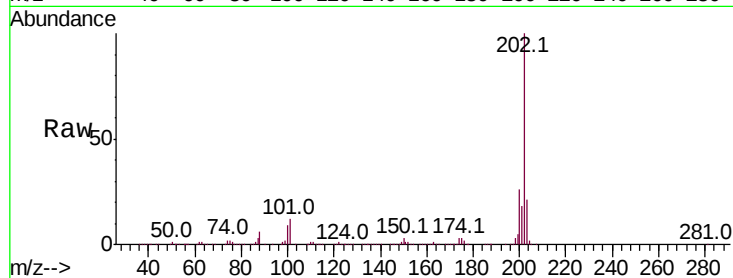
Tot Ion:202 Resp: 3952037

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.5

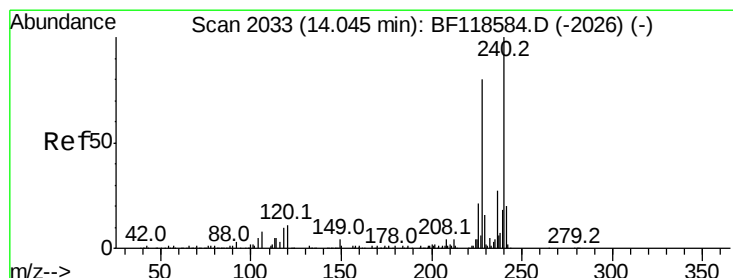
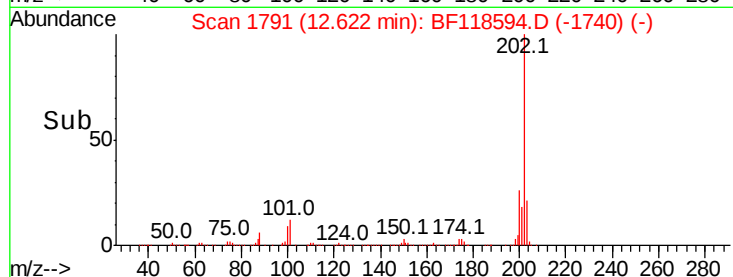
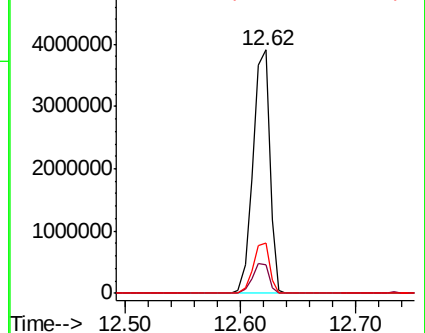
203 20.8 0.8 40.8



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: BF118594.D

Acq: 20 Jan 2020 16:31

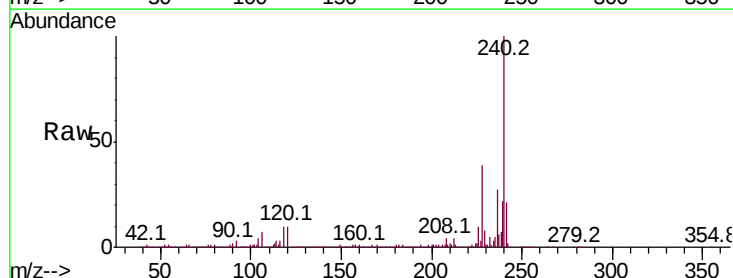
Tgt Ion:240 Resp: 1441750

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

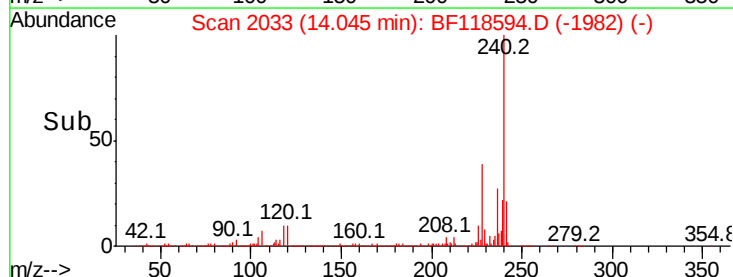
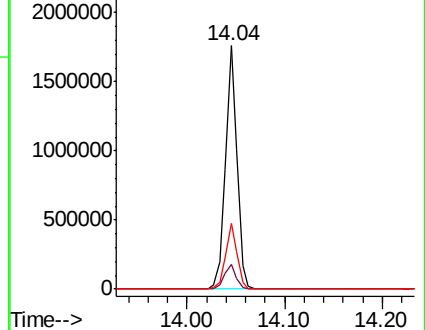
236 27.2 21.5 32.3

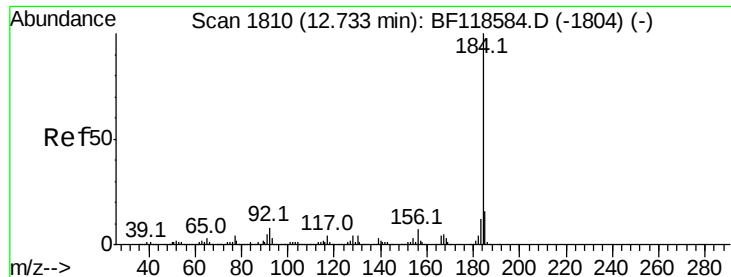


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.259 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

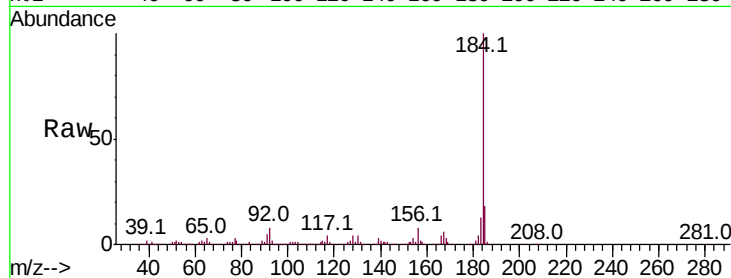
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 2282810

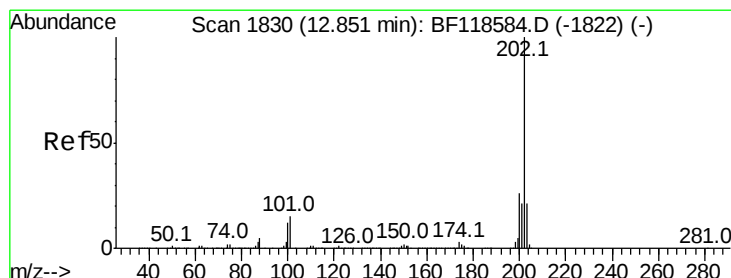
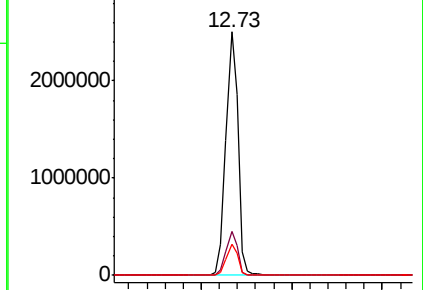
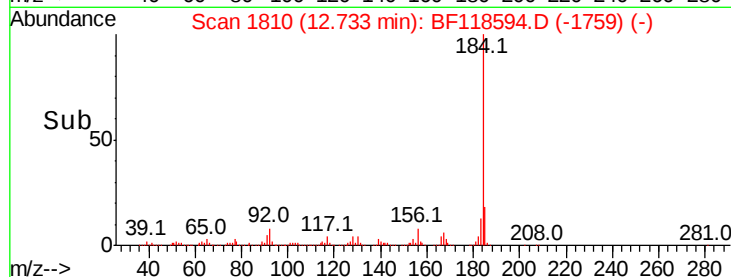
Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.9	19.3
183	12.6	9.6	14.4



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: 41.136 ng

RT: 12.85 min Scan# 1830

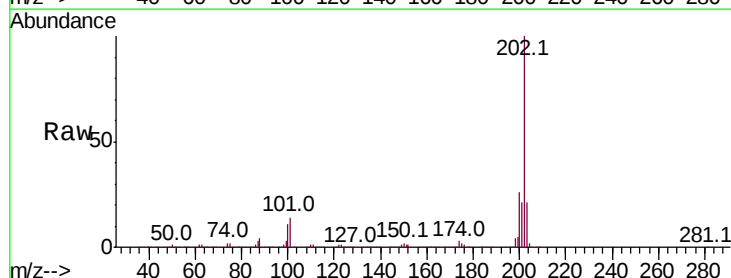
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:202 Resp: 4026466

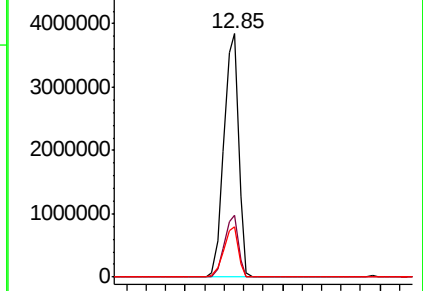
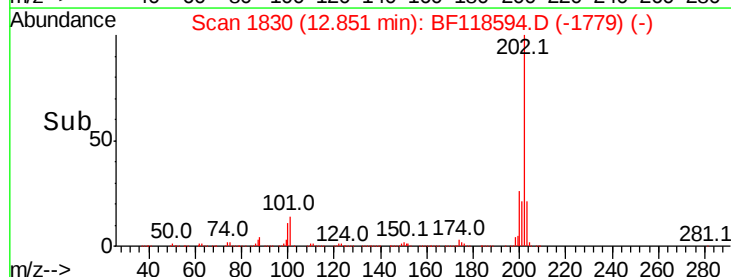
Ion	Ratio	Lower	Upper
202	100		
200	25.6	20.6	31.0
203	20.8	16.8	25.2

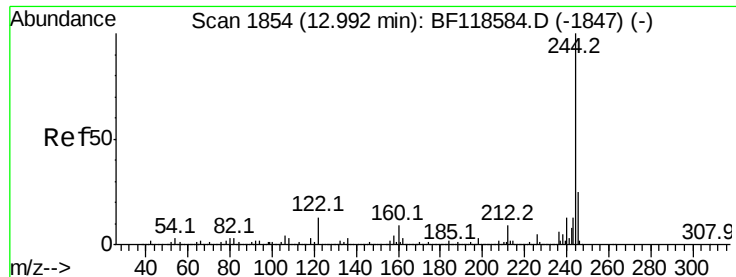


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

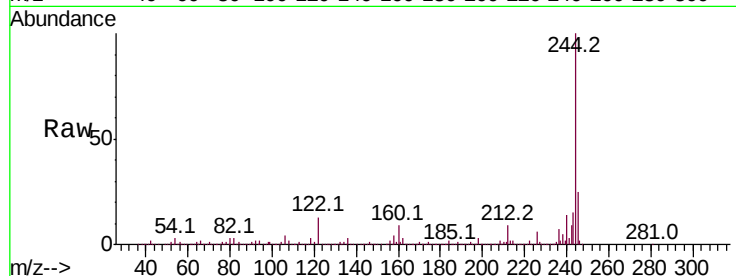




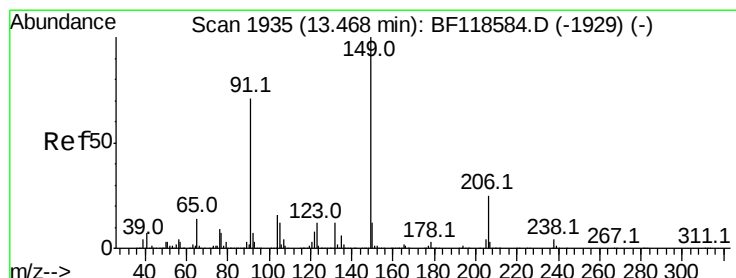
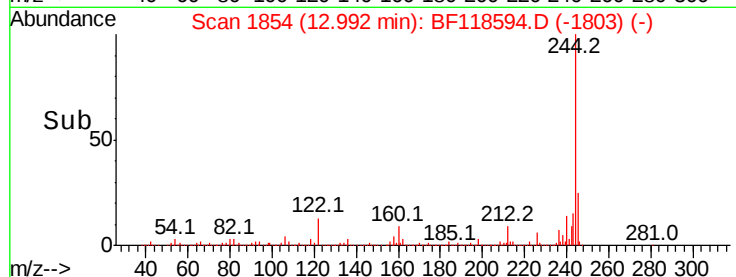
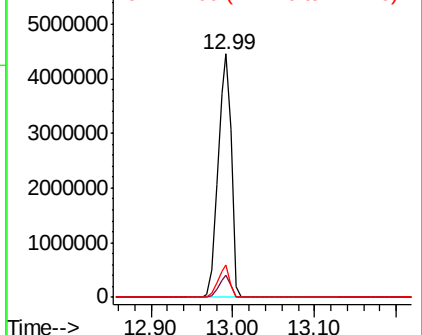
#79
 Terphenyl-d14
 Concen: 75.414 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 4985061
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.4
 122 13.1 10.7 16.1

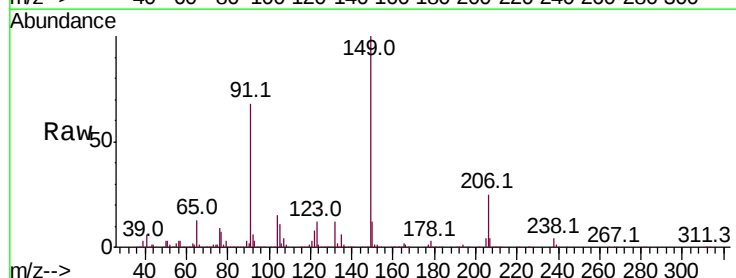


Abundance Ion 244.00 (243.70 to 244.70): E
 6000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

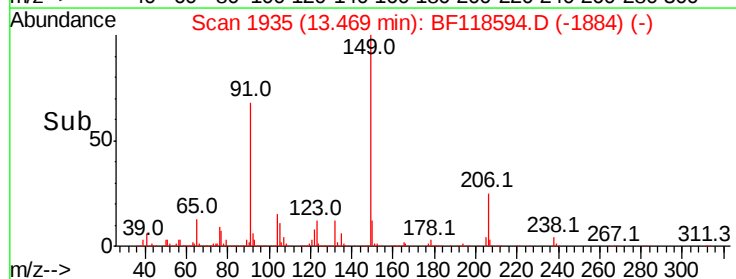
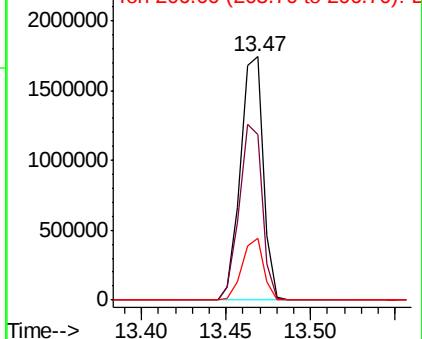


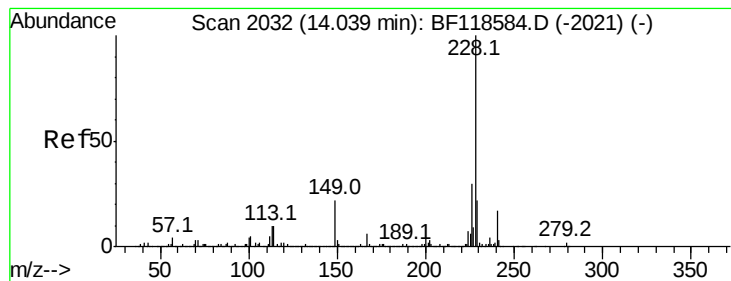
#80
 Butylbenzylphthalate
 Concen: 41.213 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:149 Resp: 1650956
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.5 84.7
 206 25.4 19.9 29.9



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.973 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

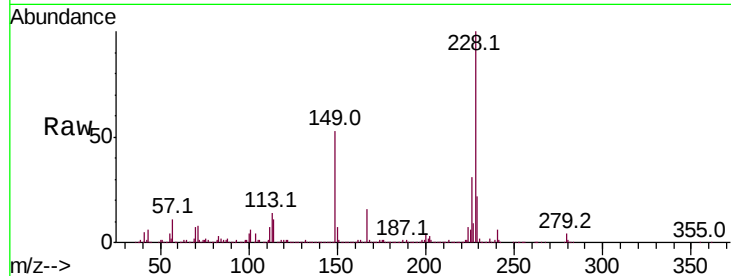
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 3640250

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.3	17.6	26.4

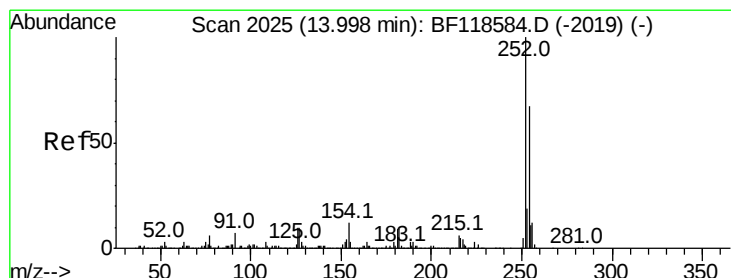
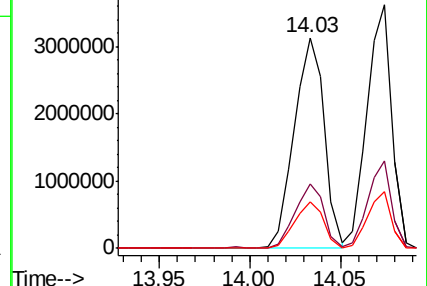
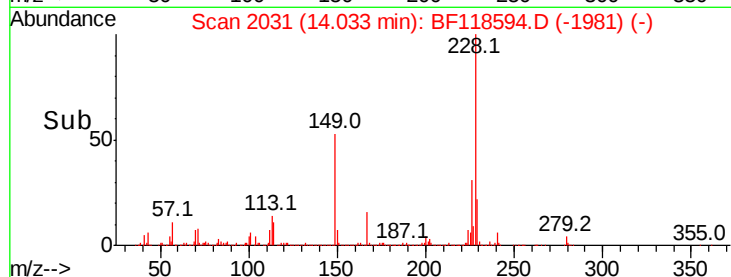


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.835 ng

RT: 13.99 min Scan# 2024

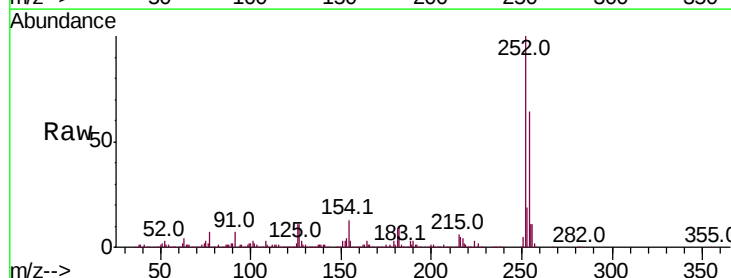
Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 829313

Ion	Ratio	Lower	Upper
252	100		
254	63.8	53.4	80.2
126	10.6	8.0	12.0

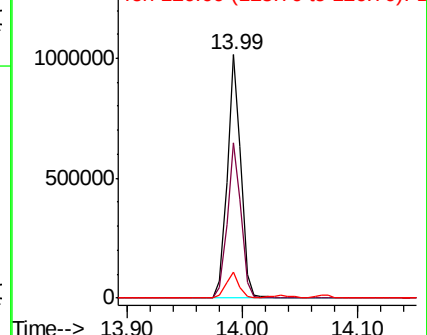
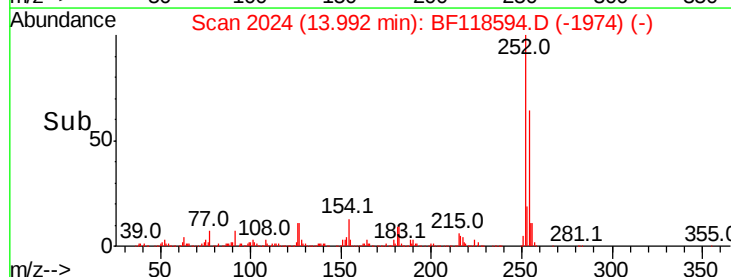


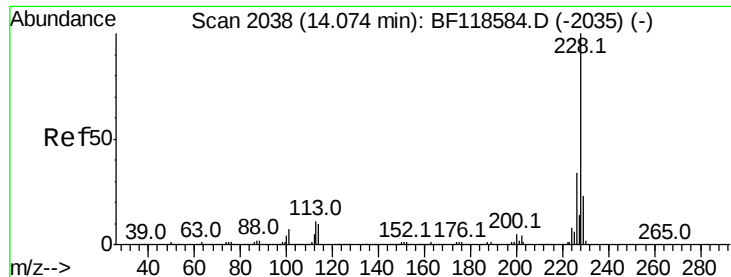
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.604 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

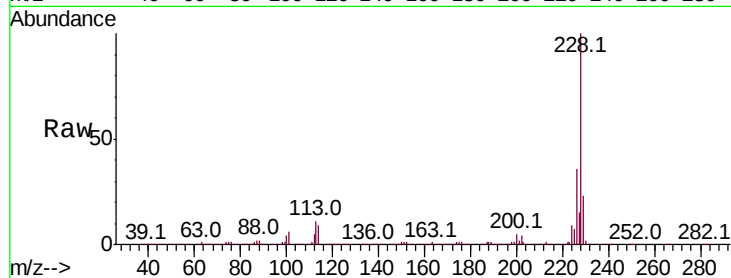
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 3458140

Ion	Ratio	Lower	Upper
228	100		
226	35.7	27.4	41.0
229	23.3	18.3	27.5

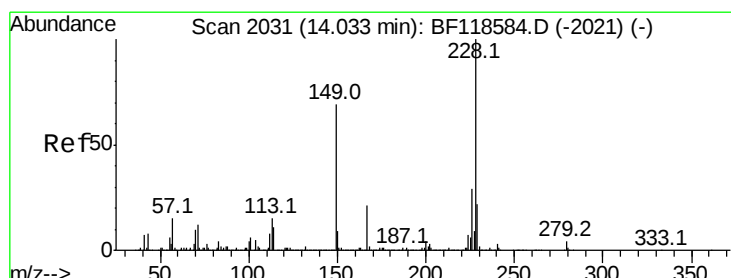
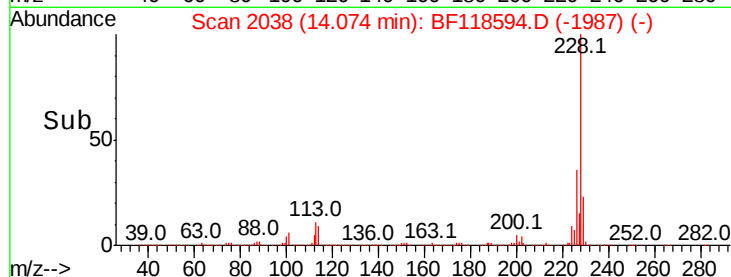
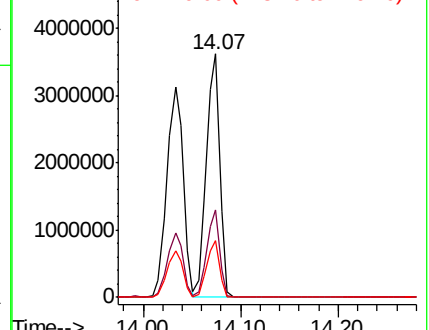


Abundance

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: 42.887 ng

RT: 14.03 min Scan# 2030

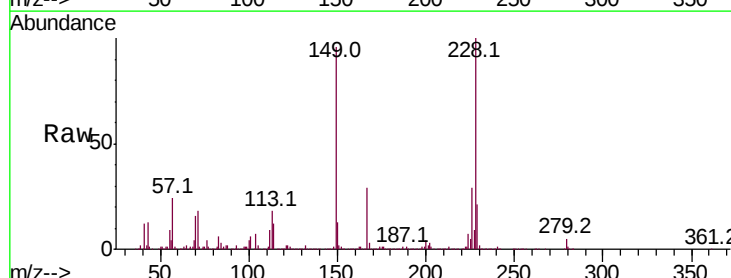
Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:149 Resp: 2098955

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.2	36.4
279	5.5	5.0	7.4

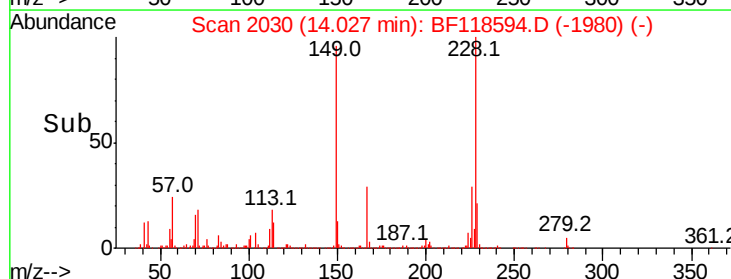
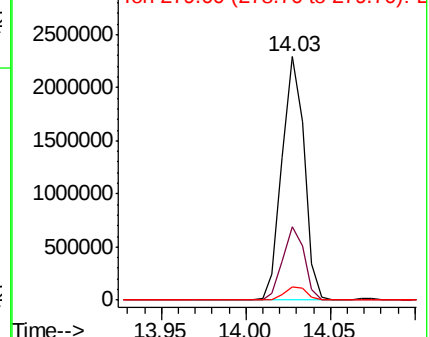


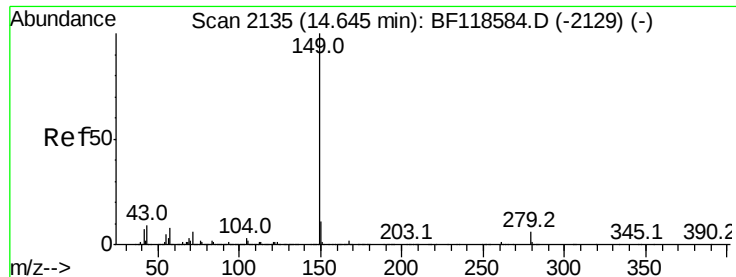
Abundance

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: 46.283 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

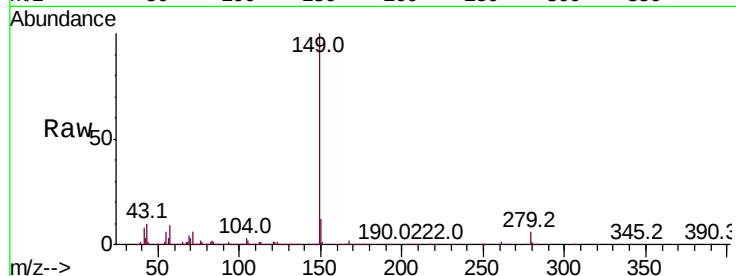
Tot Ion:149 Resp: 3352841

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

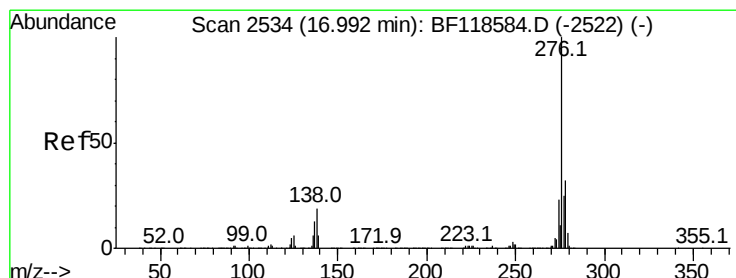
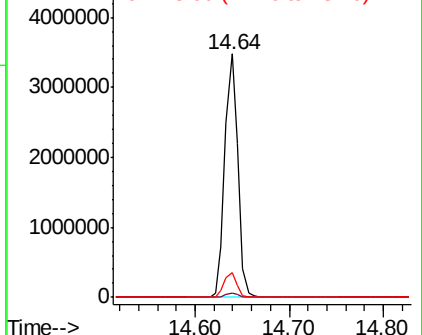
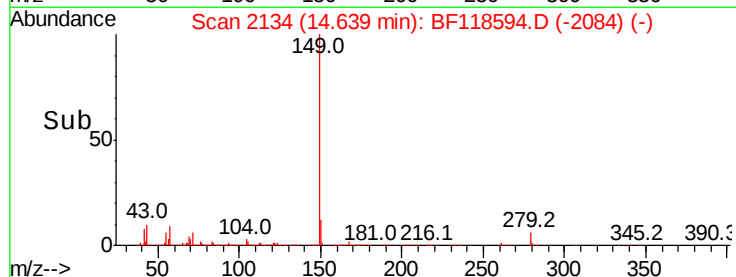
43 10.0 8.1 12.1



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: 39.518 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

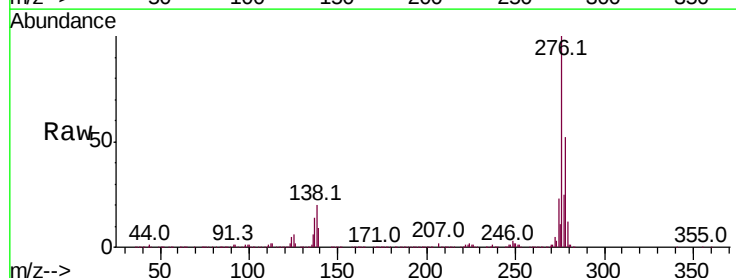
Tgt Ion:276 Resp: 2854153

Ion Ratio Lower Upper

276 100

138 21.6 17.2 25.8

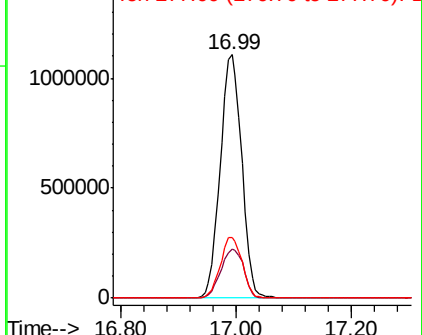
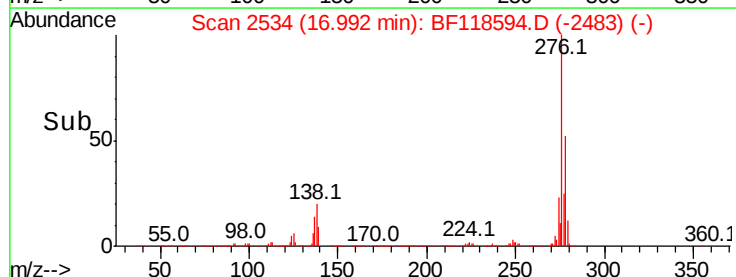
277 25.5 20.5 30.7

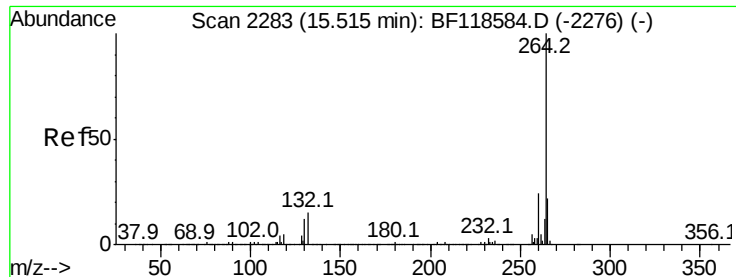


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



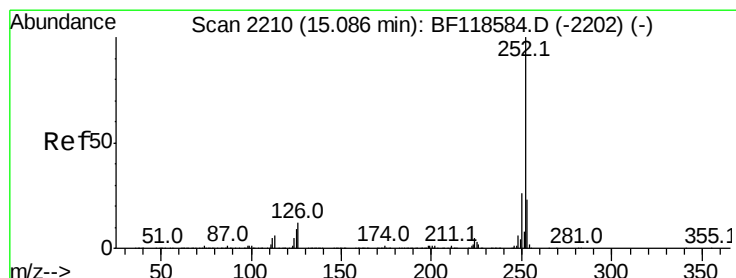
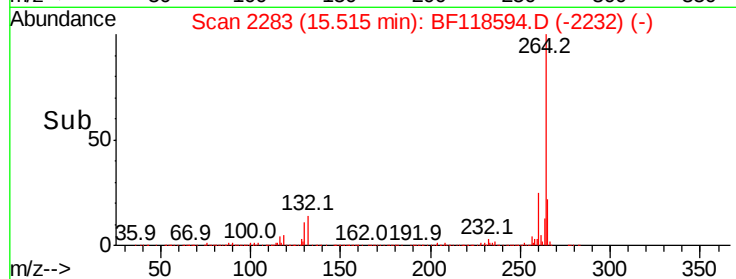
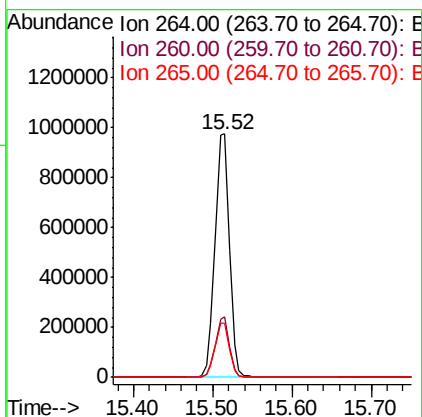
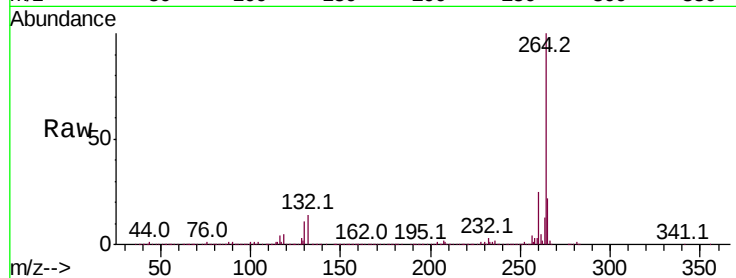


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1236882

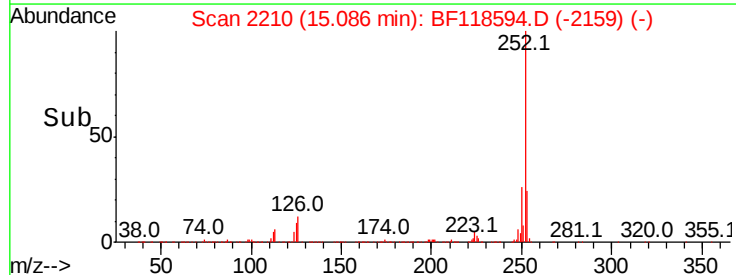
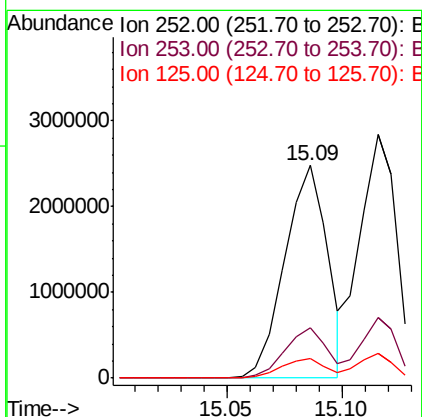
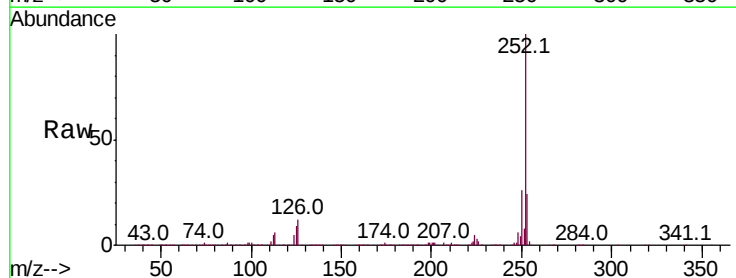
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.7	26.5

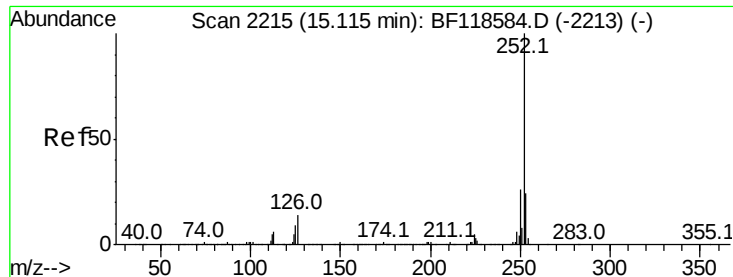


#88
Benzo(b)fluoranthene
Concen: 41.047 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 3191272

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	9.0	7.3	10.9

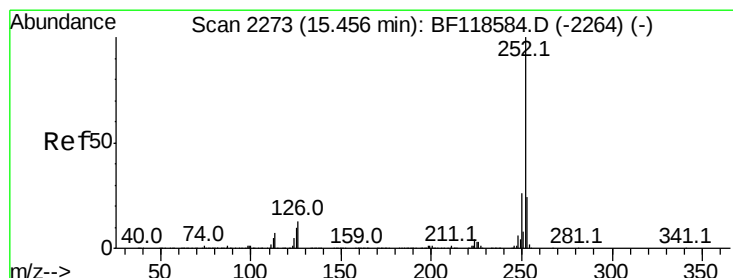
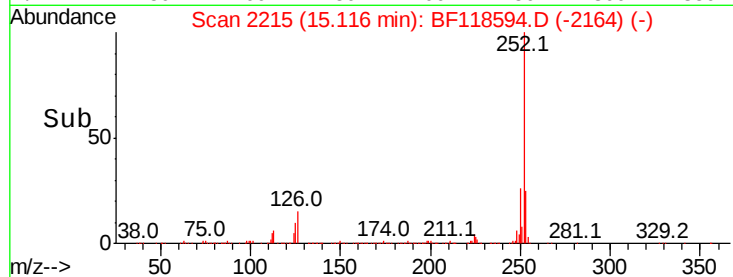
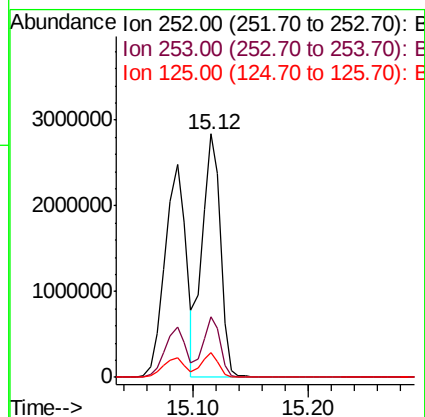
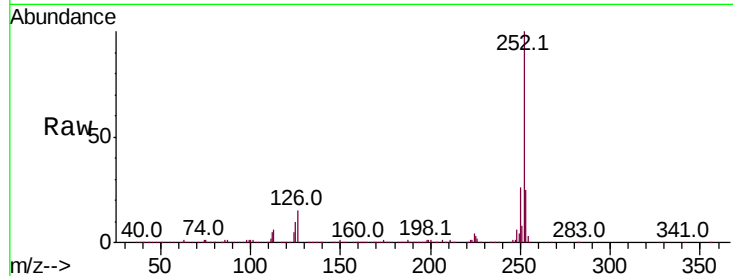




#89
Benzo(k)fluoranthene
Concen: 43.703 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

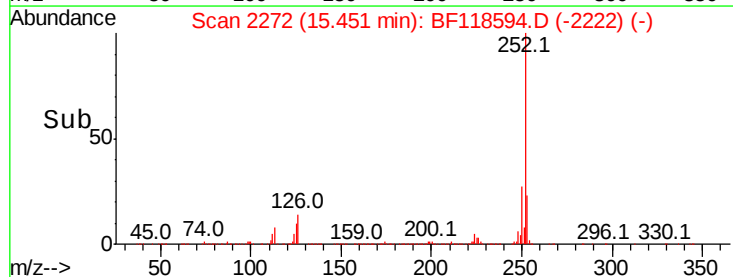
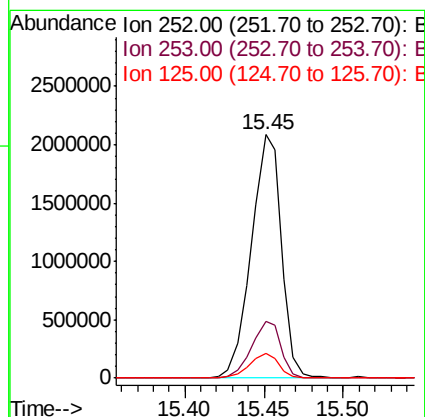
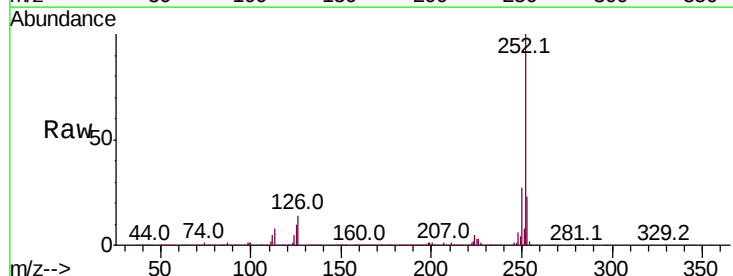
Instrument :
BNA_F
ClientSampleId :

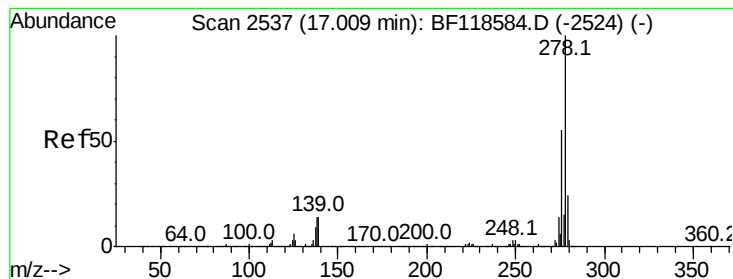
Tot Ion:252 Resp: 3147865
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.4
125 10.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.031 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 2751818
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 10.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.361 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

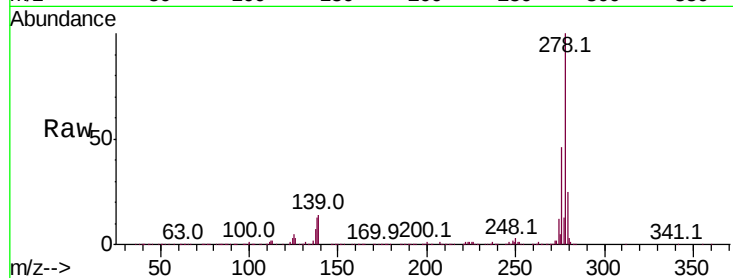
Tot Ion:278 Resp: 2394406

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.4	17.0
279	24.8	19.0	28.6

278 100

139 13.9 11.4 17.0

279 24.8 19.0 28.6

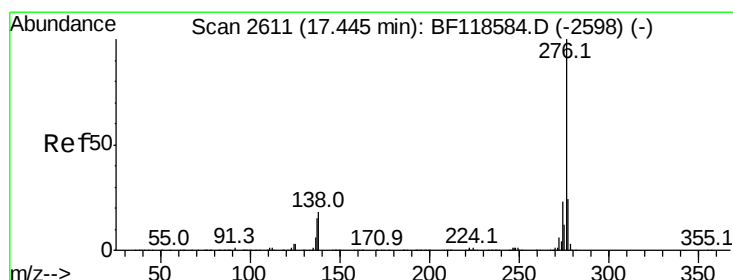
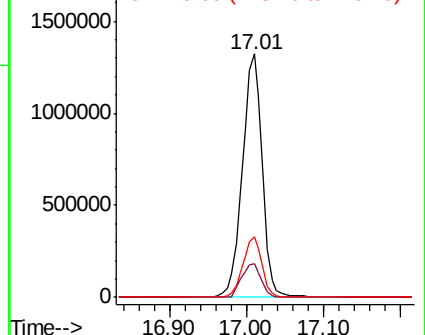
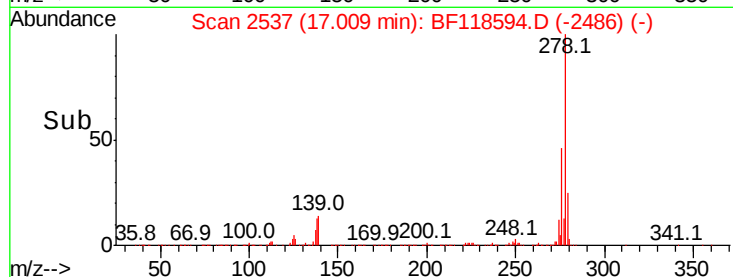


Abundance

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: 40.651 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

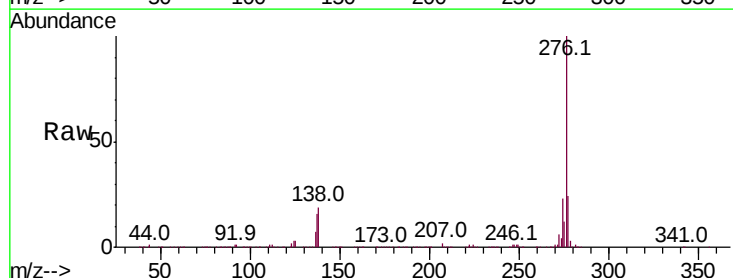
Tgt Ion:276 Resp: 2341529

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.7	14.4	21.6

276 100

277 24.4 18.9 28.3

138 18.7 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

