

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118600.D
 Acq On : 20 Jan 2020 19:28
 Operator : CG/JU
 Sample : L1181-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:42:09 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	499081	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1874129	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1036873	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1794958	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1078067	20.00	ng	0.00
87) Perylene-d12	15.51	264	1110727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	3780065	140.67	ng	0.02
7) Phenol-d6	6.52	99	5166443	147.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	3311231	98.82	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1695196	141.35	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	5355173	84.89	ng	0.00
79) Terphenyl-d14	12.99	244	5577023	112.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	513260	39.435	ng	99
3) Pyridine	3.51	79	1323743	36.085	ng	99
4) n-Nitrosodimethylamine	3.45	42	682603	43.402	ng	95
6) Aniline	6.55	93	1091768	23.739	ng	99
8) 2-Chlorophenol	6.67	128	1423657	47.200	ng	97
9) Benzaldehyde	6.43	77	766669	36.094	ng	96
10) Phenol	6.53	94	1854092	46.582	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	1352553	45.801	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1533505	43.438	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1564886	44.158	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1476785	44.330	ng	98
15) Benzyl Alcohol	7.02	79	1323960	47.800	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1791453	43.552	ng	100
17) 2-Methylphenol	7.13	107	1203501	47.903	ng	99
18) Hexachloroethane	7.40	117	563706	43.868	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	1087016	46.093	ng	99
20) 3+4-Methylphenols	7.28	107	1474199	48.060	ng	88
22) Acetophenone	7.29	105	1918184	43.206	ng	# 98
24) Nitrobenzene	7.46	77	1559396	45.453	ng	97
25) Isophorone	7.70	82	2811788	46.009	ng	98
26) 2-Nitrophenol	7.77	139	763240	52.168	ng	96
27) 2,4-Dimethylphenol	7.82	122	1385875	54.856	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1727380	43.867	ng	99
29) 2,4-Dichlorophenol	8.02	162	1302002	46.620	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	1401982	43.295	ng	99
31) Naphthalene	8.19	128	3876150	45.784	ng	98
32) Benzoic acid	7.93	122	776609	40.959	ng	97
33) 4-Chloroaniline	8.23	127	336470	8.599	ng	98
34) Hexachlorobutadiene	8.31	225	833171	42.250	ng	99
35) Caprolactam	8.60	113	240313	26.294	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	1281674	46.473	ng	99
37) 2-Methylnaphthalene	8.88	142	2827055	47.308	ng	99
38) 1-Methylnaphthalene	8.98	142	2632869	46.375	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1407382	43.380	ng	99

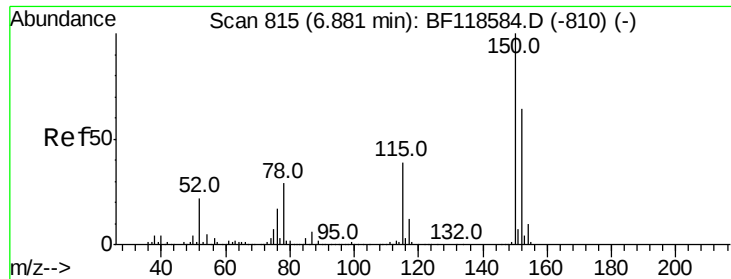
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1562752	95.473	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	1003228	46.600	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	1038353	47.225	ng	98
46) 1,1'-Biphenyl	9.35	154	3261579	45.641	ng	99
47) 2-Chloronaphthalene	9.37	162	2669508	44.320	ng	99
48) 2-Nitroaniline	9.46	65	804700	43.461	ng	97
49) Acenaphthylene	9.79	152	3909878	46.142	ng	98
50) Dimethylphthalate	9.65	163	3398569	50.309	ng	99
51) 2,6-Dinitrotoluene	9.70	165	724185	47.873	ng	98
52) Acenaphthene	9.96	154	2691664	47.505	ng	99
53) 3-Nitroaniline	9.86	138	337456	19.536	ng	99
54) 2,4-Dinitrophenol	9.97	184	502219	83.161	ng	# 50
55) Dibenzofuran	10.13	168	3612986	46.013	ng	98
56) 4-Nitrophenol	10.03	139	1157327	88.755	ng	94
57) 2,4-Dinitrotoluene	10.10	165	932286	48.888	ng	95
58) Fluorene	10.47	166	2777993	45.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	879573	45.482	ng	99
60) Diethylphthalate	10.35	149	2937032	44.841	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	1505459	44.904	ng	100
62) 4-Nitroaniline	10.49	138	676332	38.172	ng	98
63) Azobenzene	10.62	77	2902454	45.756	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	398863	50.535	ng	98
66) n-Nitrosodiphenylamine	10.58	169	2633128	48.643	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	1034892	46.667	ng	94
68) Hexachlorobenzene	11.02	284	1143520	45.483	ng	96
69) Atrazine	11.10	200	913669	48.697	ng	99
70) Pentachlorophenol	11.21	266	1172724	83.895	ng	98
71) Phenanthrene	11.43	178	3875546	44.754	ng	98
72) Anthracene	11.49	178	3959730	46.212	ng	99
73) Carbazole	11.63	167	3451792	43.919	ng	99
74) Di-n-butylphthalate	11.97	149	4086643	46.800	ng	97
75) Fluoranthene	12.62	202	3919321	42.912	ng	99
77) Benzidine	12.73	184	1376865	47.799	ng	98
78) Pyrene	12.84	202	3925189	53.629	ng	100
80) Butylbenzylphthalate	13.46	149	1624542	54.234	ng	96
81) Benzo(a)anthracene	14.03	228	3029137	46.709	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	554535	23.997	ng	97
83) Chrysene	14.07	228	2907857	46.785	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2122004	57.985	ng	99
85) Di-n-octyl phthalate	14.64	149	3128058	57.747	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3542043	65.587	ng	100
88) Benzo(b)fluoranthene	15.08	252	2956365	42.344	ng	99
89) Benzo(k)fluoranthene	15.12	252	2679068	41.419	ng	99
90) Benzo(a)pyrene	15.45	252	2619869	43.500	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2940484	55.195	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2955093	57.130	ng	98

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

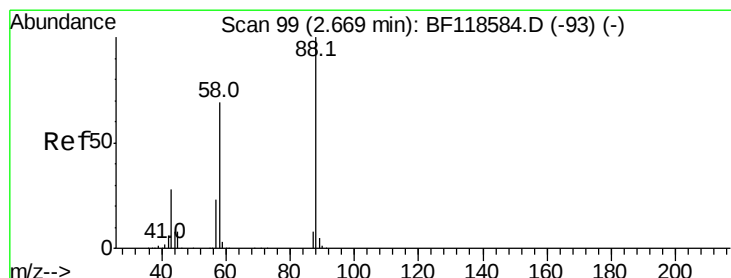
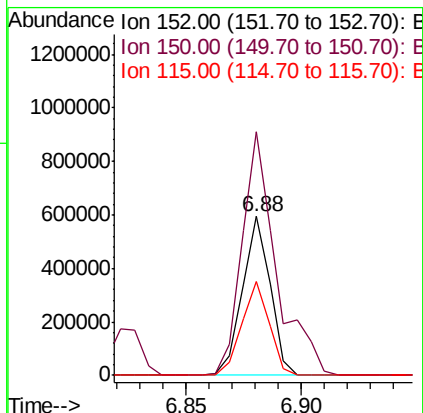
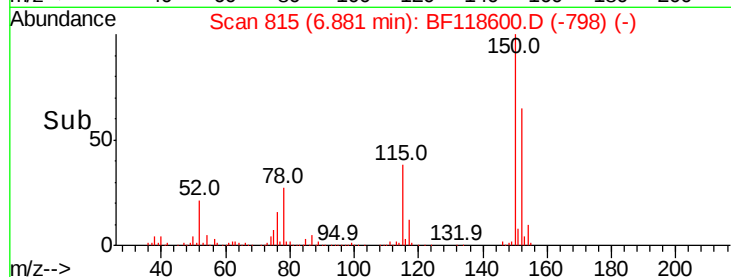
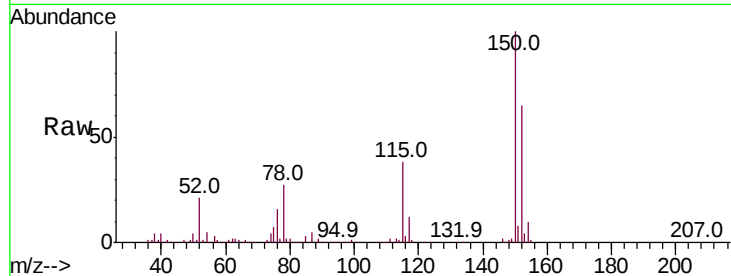


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampled :

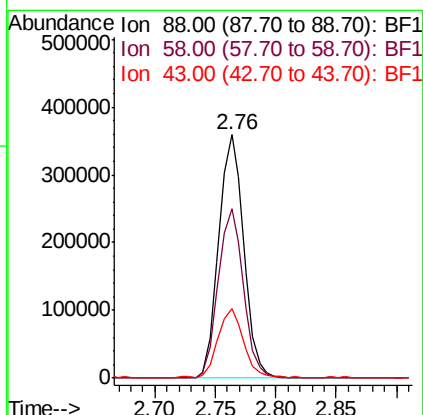
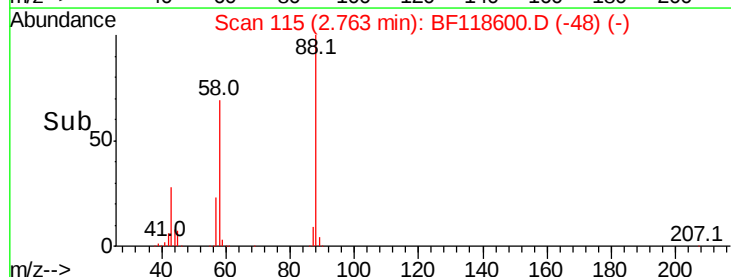
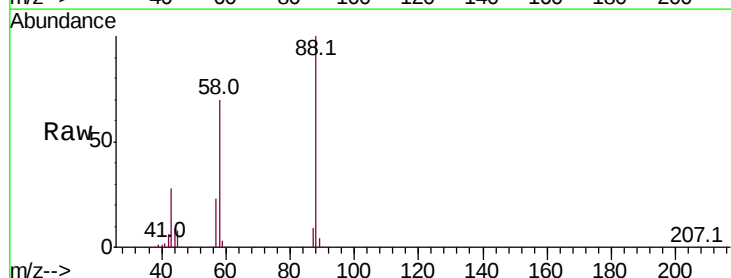
Tot Ion:152 Resp: 499081
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 58.8 48.4 72.6

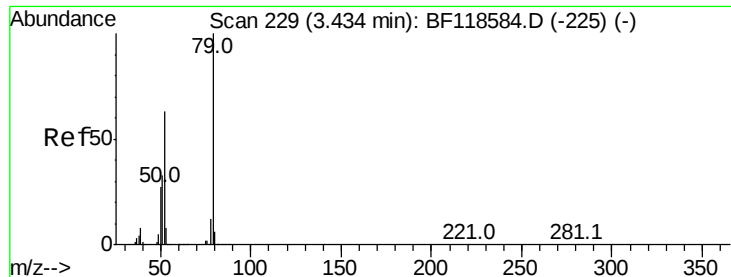


#2

1,4-Dioxane
Concen: 39.435 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion: 88 Resp: 513260
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 28.0 23.0 34.6





#3

Pvridine

Concen: 36.085 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

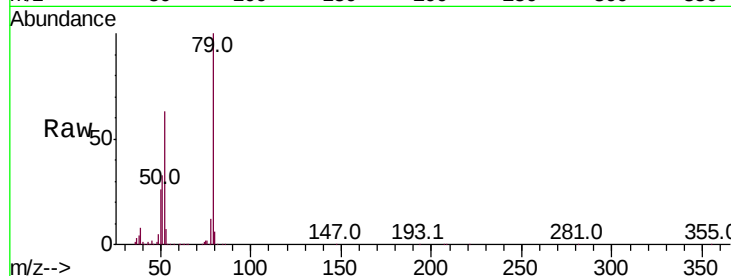
Tot Ion: 79 Resp: 1323743

Ion Ratio Lower Upper

79 100

52 62.5 50.7 76.1

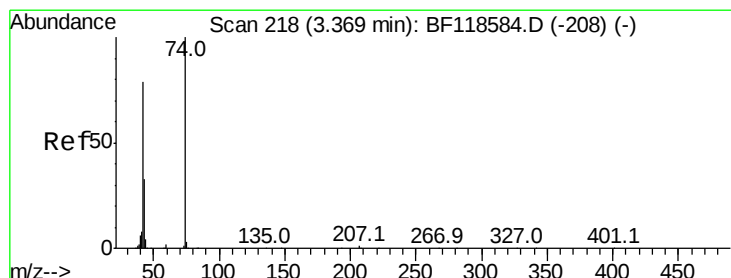
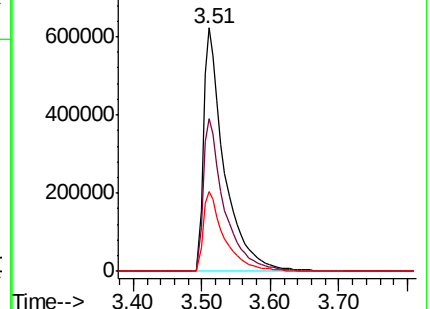
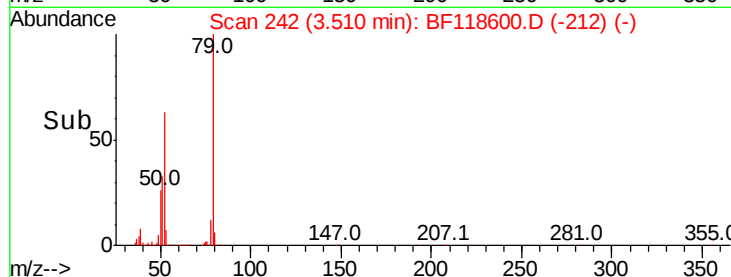
51 32.8 26.6 40.0



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: 43.402 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

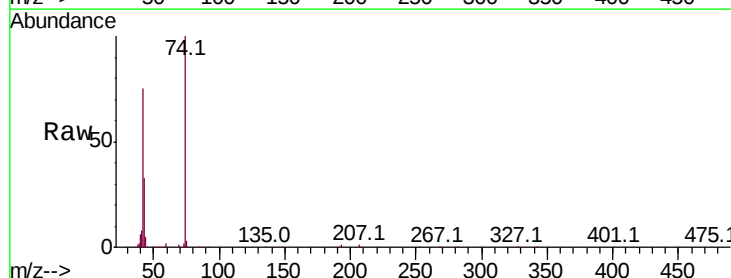
Tgt Ion: 42 Resp: 682603

Ion Ratio Lower Upper

42 100

74 132.8 101.6 152.4

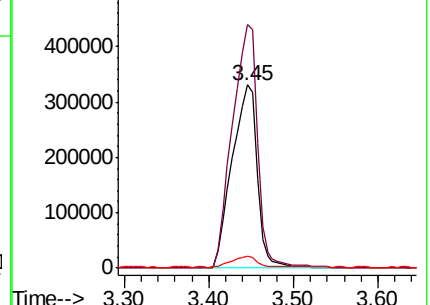
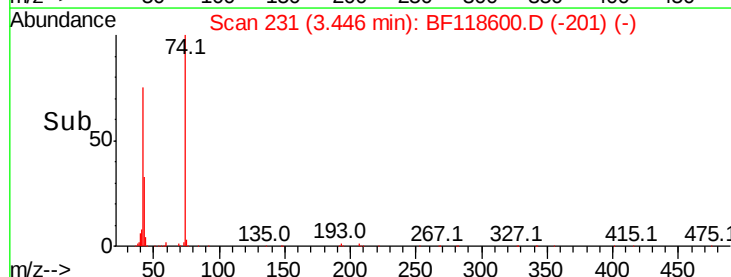
44 6.4 4.9 7.3

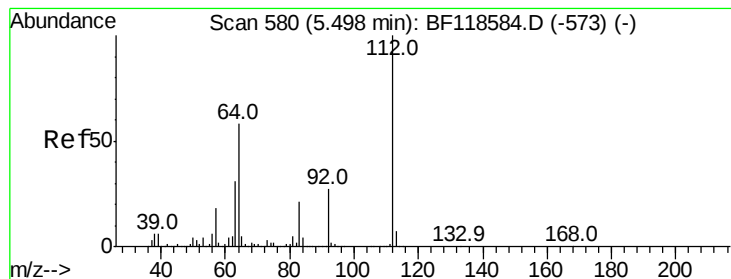


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 140.669 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

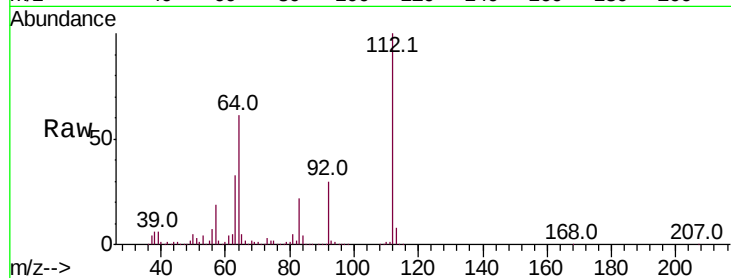
Tot Ion:112 Resp: 3780065

Ion Ratio Lower Upper

112 100

64 60.7 46.6 70.0

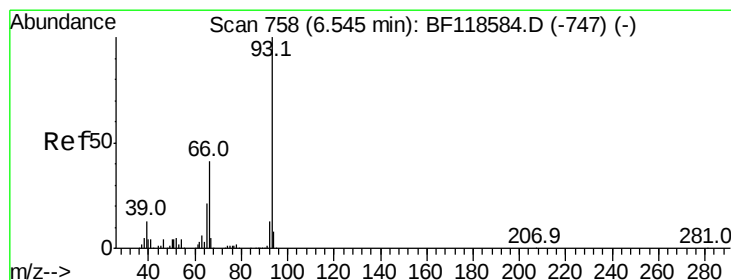
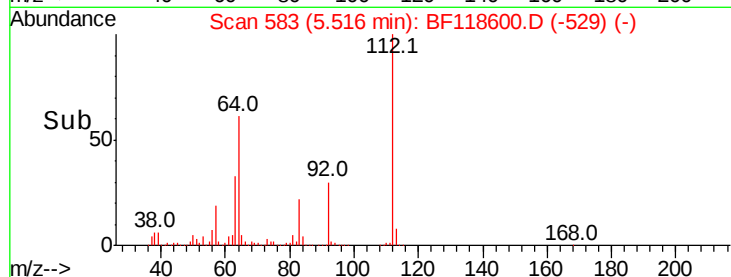
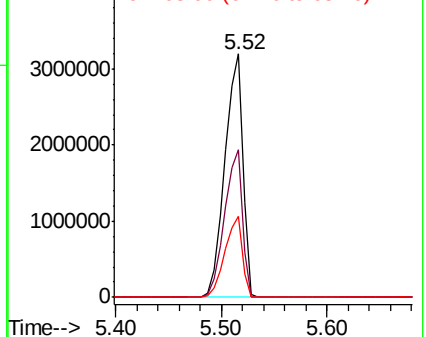
63 33.2 25.1 37.7



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: 23.739 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

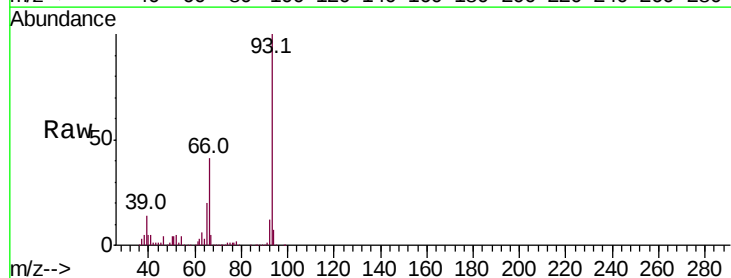
Tgt Ion: 93 Resp: 1091768

Ion Ratio Lower Upper

93 100

66 40.7 32.8 49.2

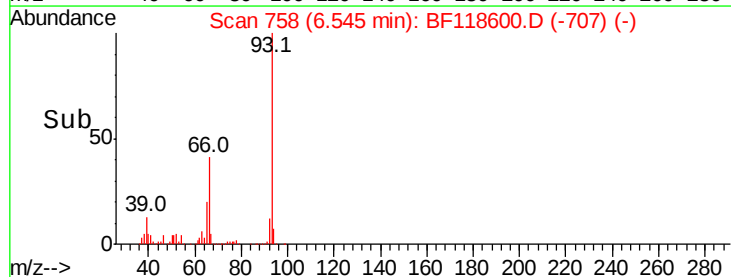
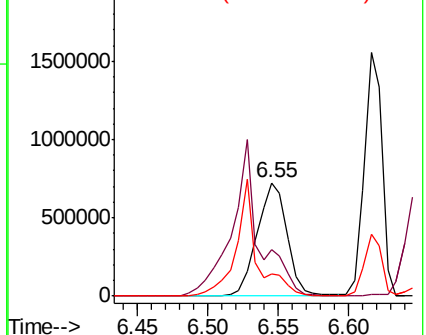
65 19.9 16.5 24.7

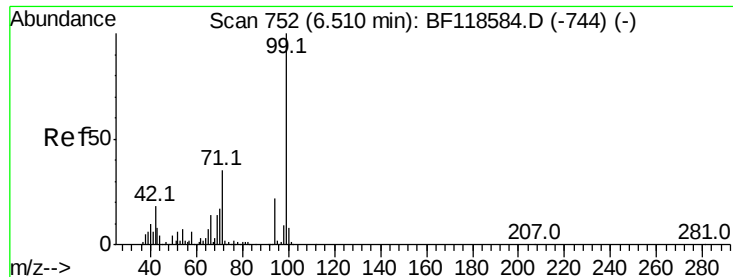


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.922 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

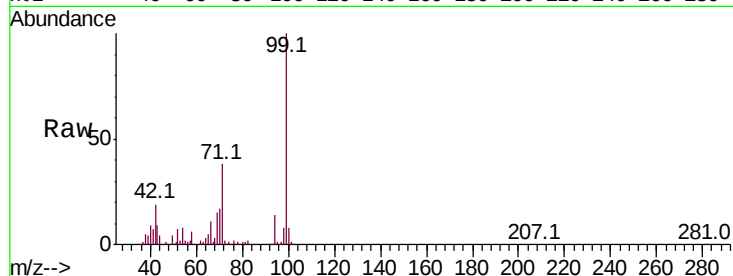
Tot Ion: 99 Resp: 5166443

Ion Ratio Lower Upper

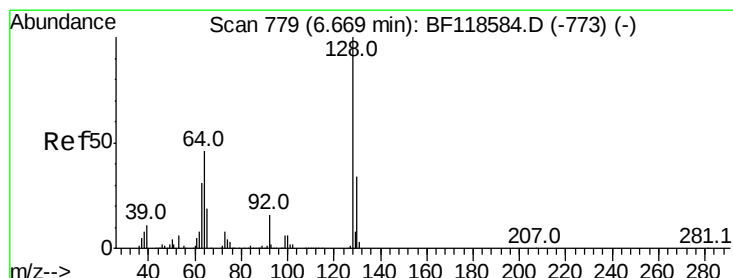
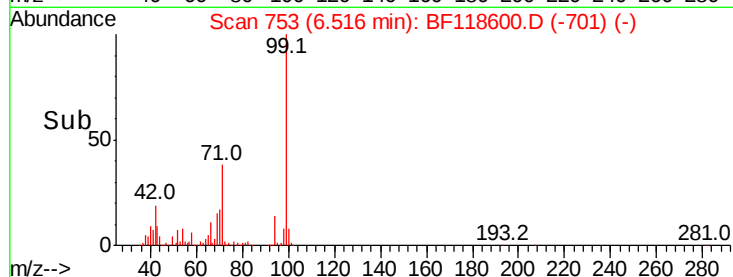
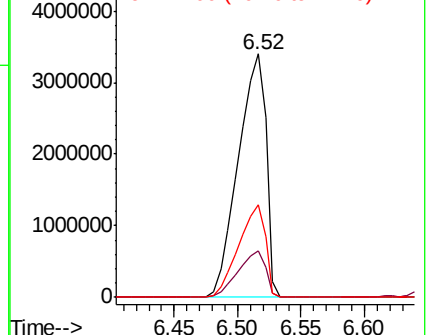
99 100

42 19.3 14.2 21.2

71 37.9 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: 47.200 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

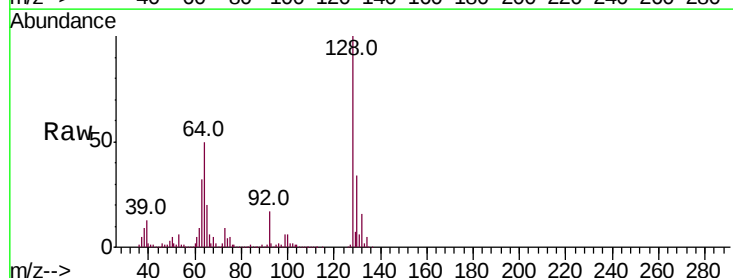
Tgt Ion:128 Resp: 1423657

Ion Ratio Lower Upper

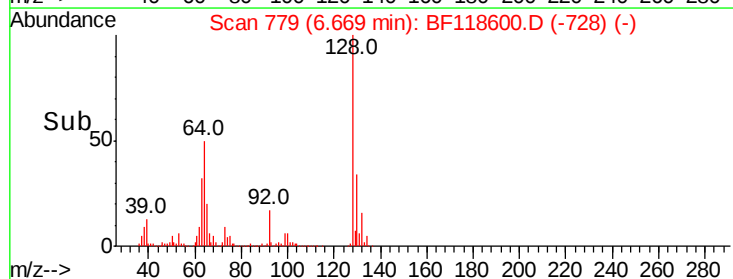
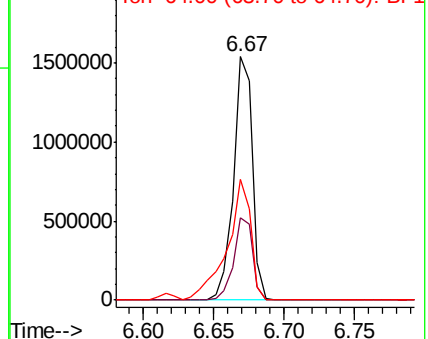
128 100

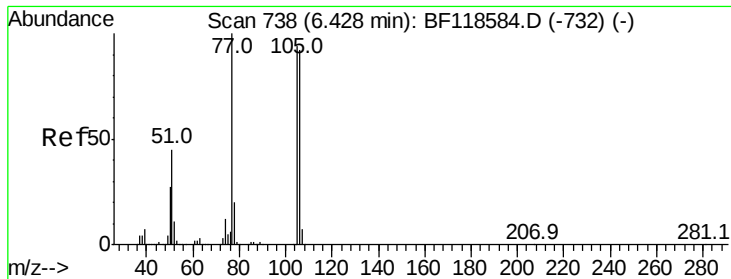
130 34.0 13.6 53.6

64 49.7 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: 36.094 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

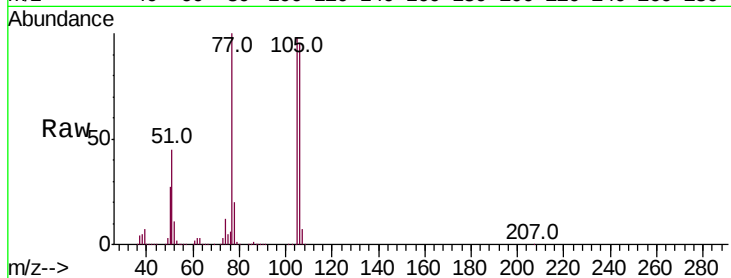
Tot Ion: 77 Resp: 766669

Ion Ratio Lower Upper

77 100

105 97.6 73.5 113.5

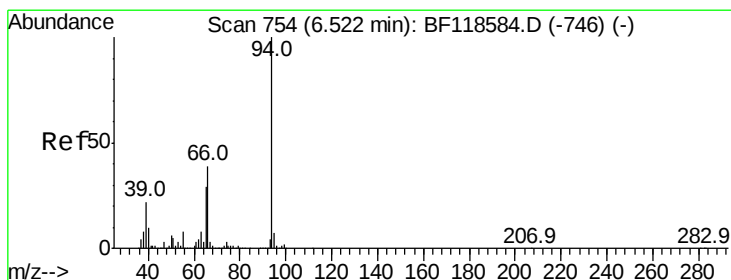
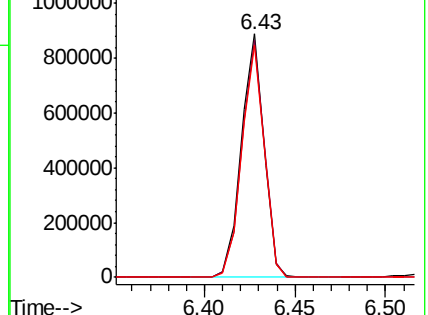
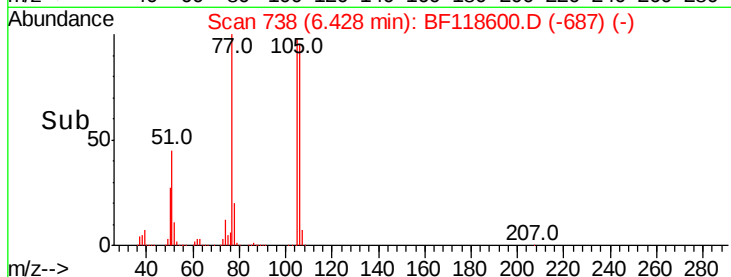
106 95.3 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.582 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

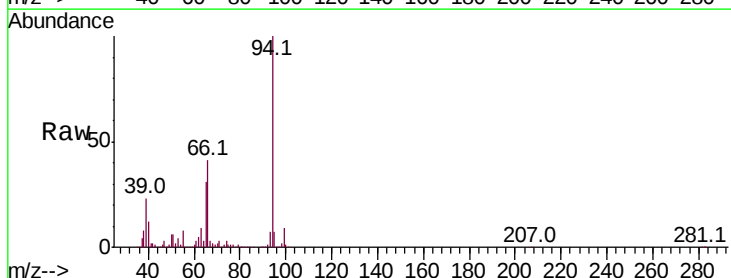
Tgt Ion: 94 Resp: 1854092

Ion Ratio Lower Upper

94 100

65 30.9 9.5 49.5

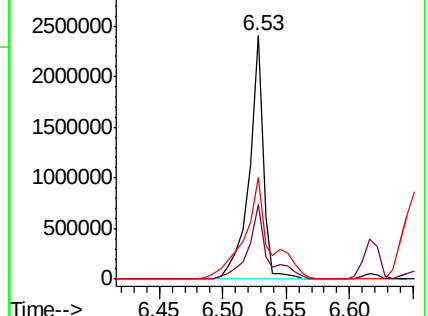
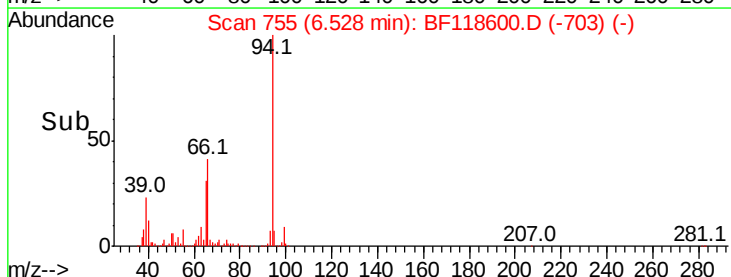
66 41.5 18.5 58.5

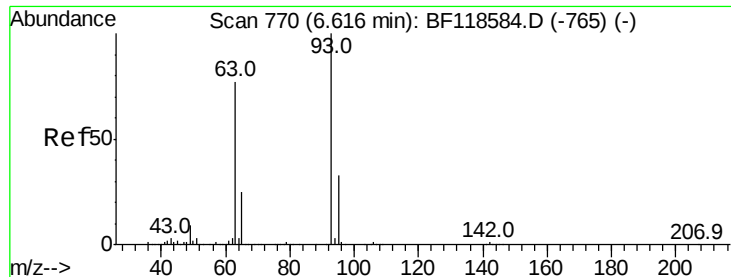


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



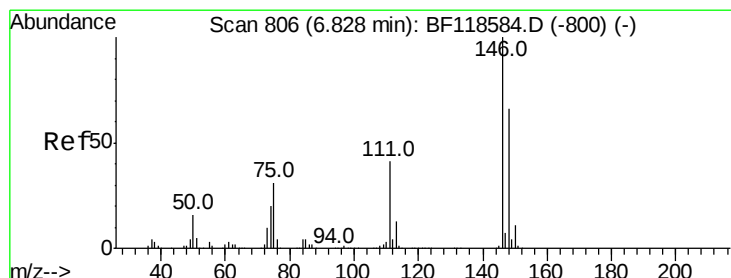
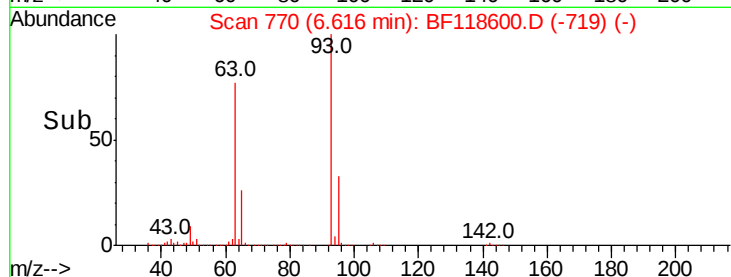
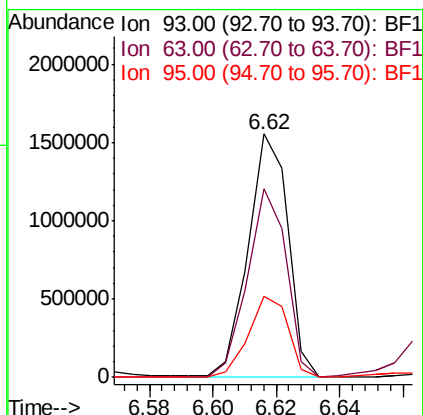
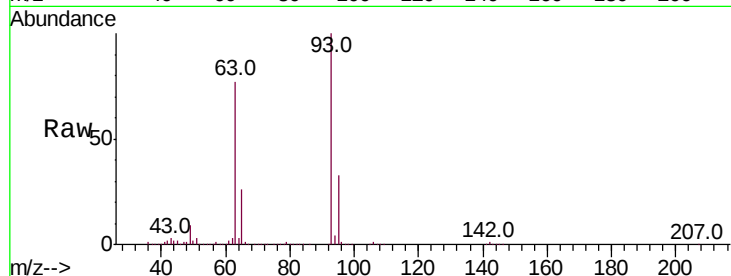


#11
 bis(2-Chloroethyl)ether
 Concen: 45.801 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1352553

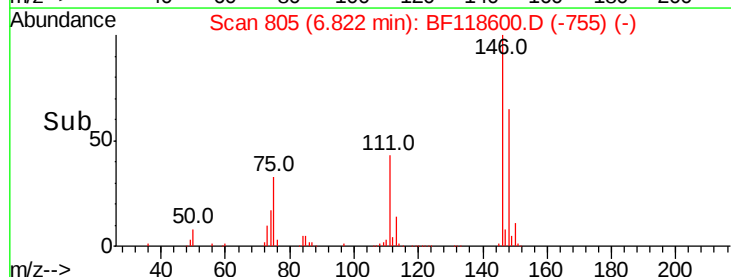
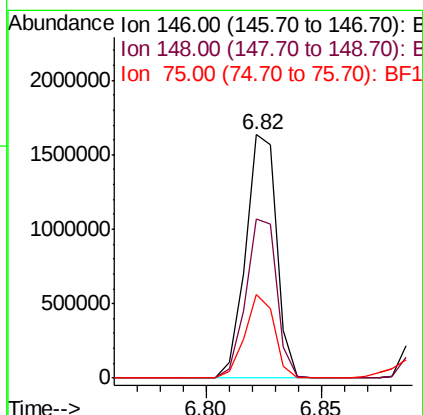
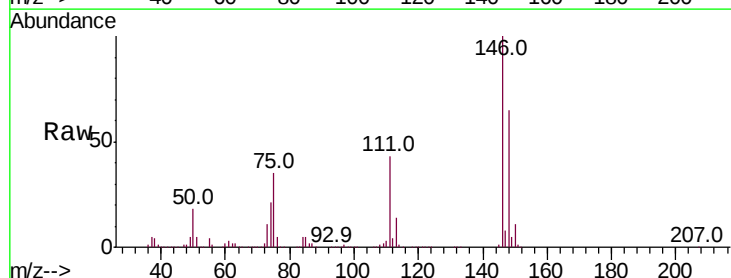
Ion	Ratio	Lower	Upper
93	100		
63	77.2	56.3	96.3
95	33.4	13.3	53.3

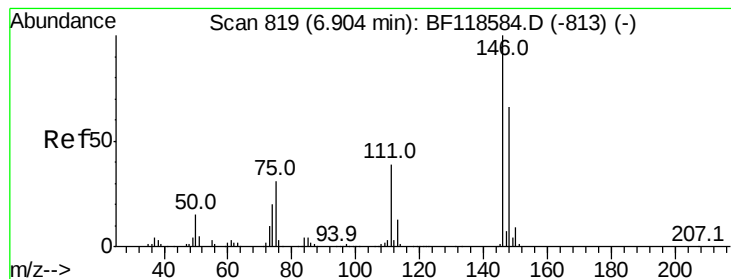


#12
 1,3-Dichlorobenzene
 Concen: 43.438 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion: 146 Resp: 1533505

Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.0	79.6
75	34.6	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 44.158 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

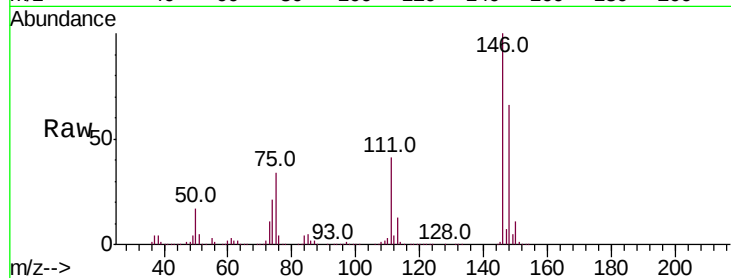
Tot Ion:146 Resp: 1564886

Ion Ratio Lower Upper

146 100

148 65.7 52.4 78.6

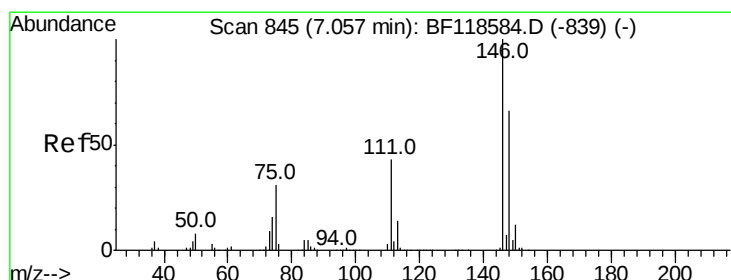
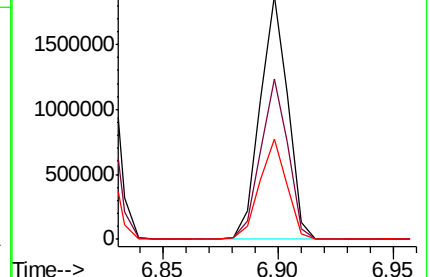
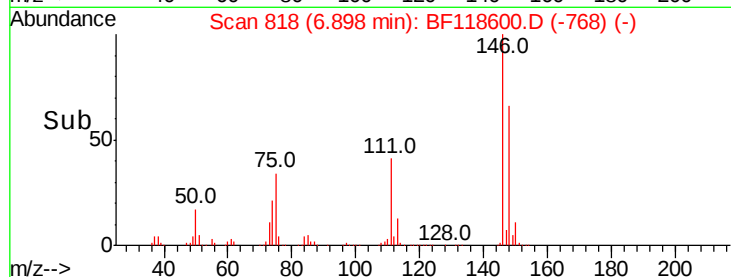
111 41.1 31.6 47.4



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: 44.330 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

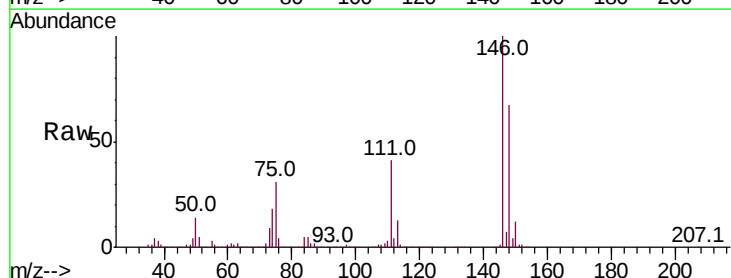
Tgt Ion:146 Resp: 1476785

Ion Ratio Lower Upper

146 100

148 66.6 52.7 79.1

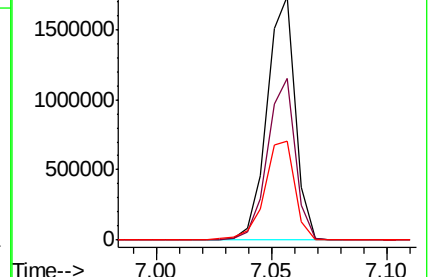
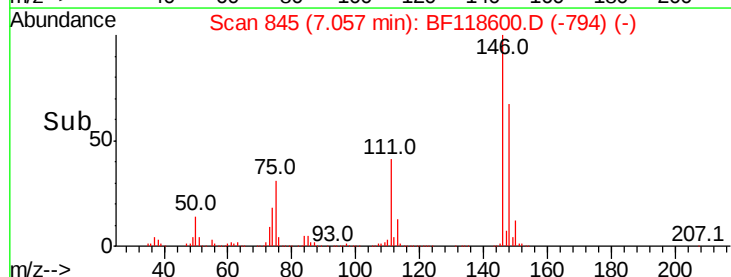
111 40.7 34.6 52.0

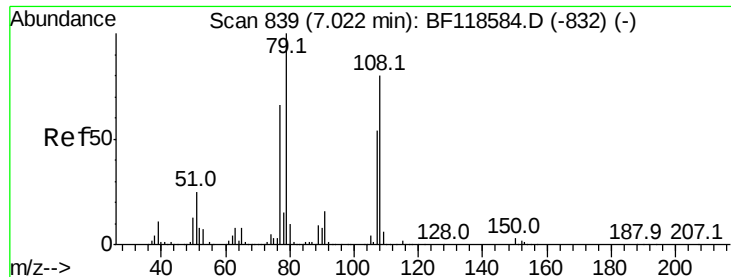


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.800 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

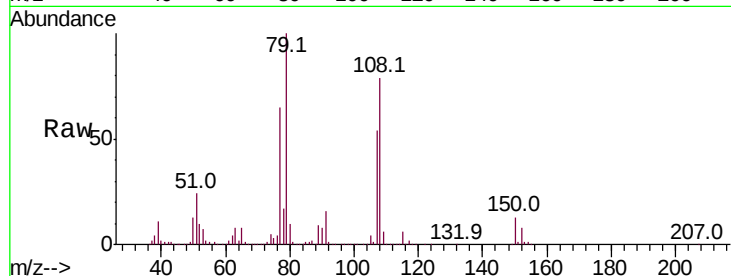
Tot Ion: 79 Resp: 1323960

Ion Ratio Lower Upper

79 100

108 78.9 63.6 95.4

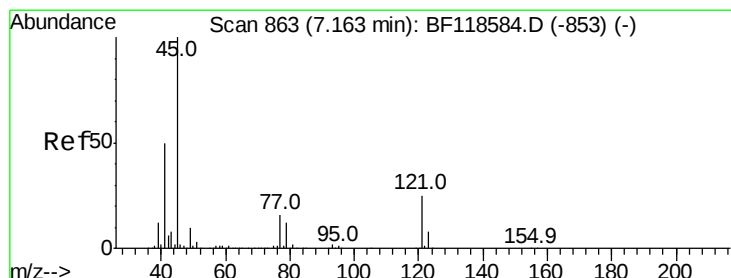
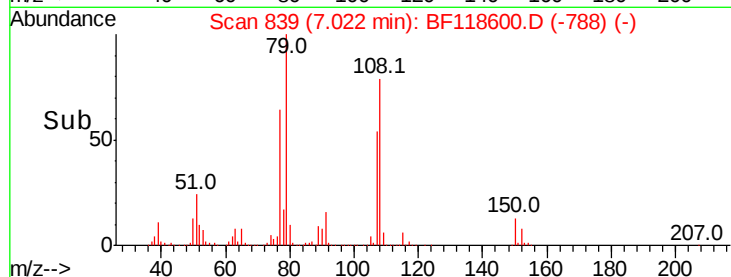
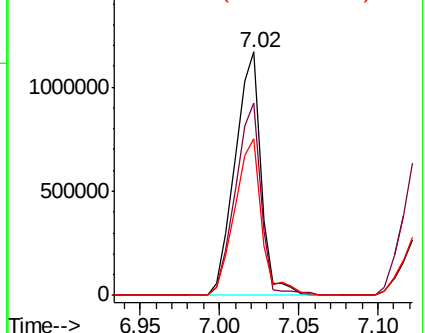
77 64.5 52.5 78.7



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: 43.552 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

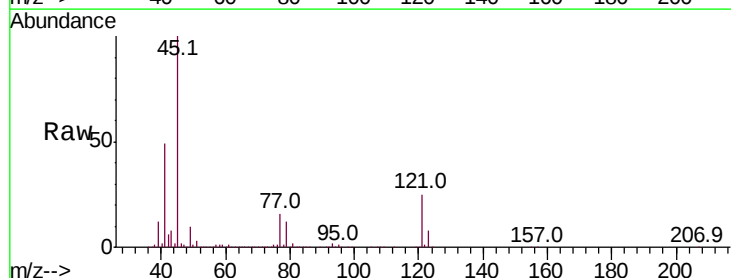
Tgt Ion: 45 Resp: 1791453

Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.1

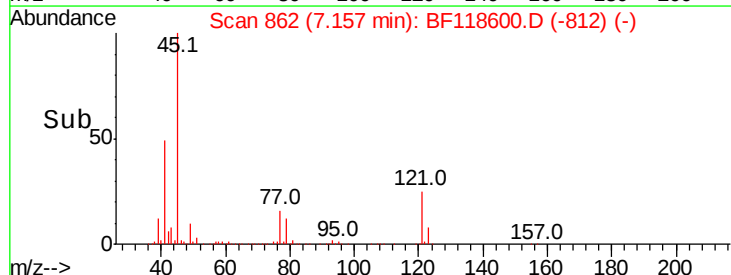
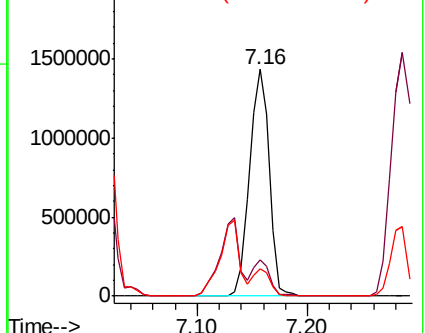
79 12.3 0.0 32.4

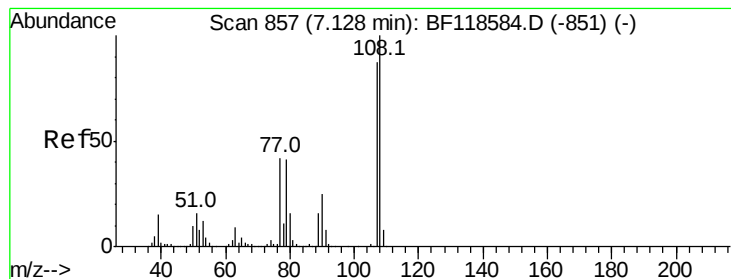


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

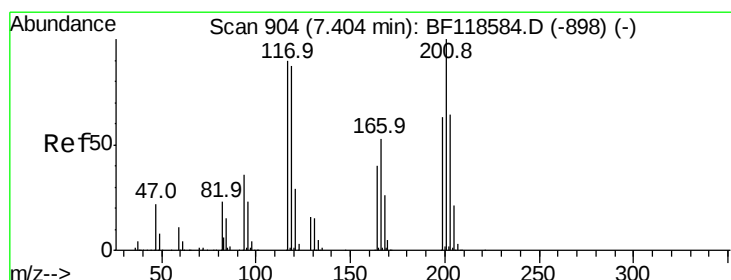
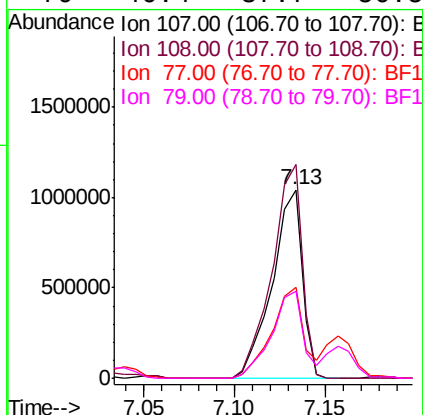
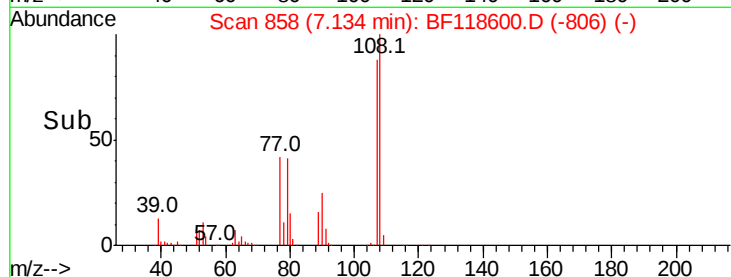
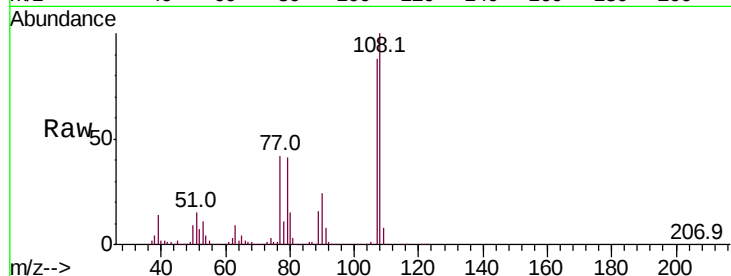




#17
2-Methylphenol
Concen: 47.903 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

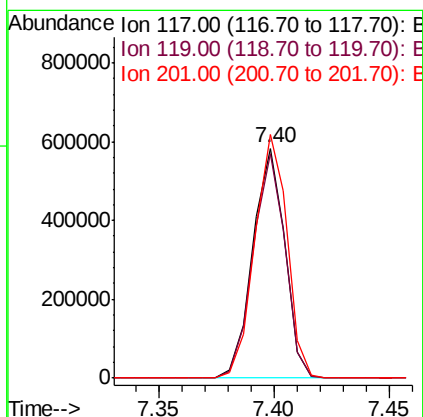
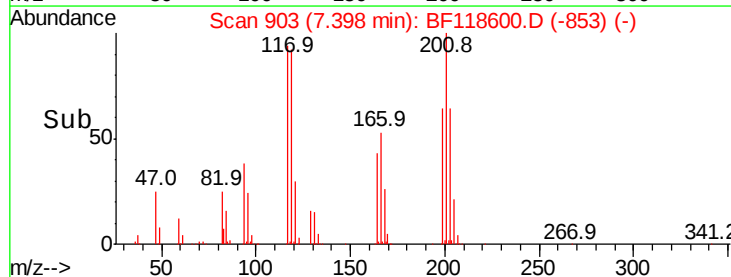
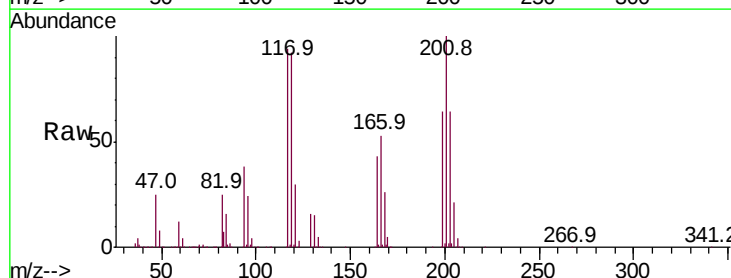
Instrument :
BNA_F
ClientSampleId :

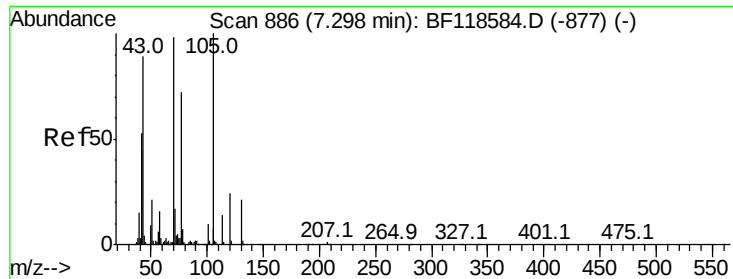
Tot Ion:107 Resp: 1203501
Ion Ratio Lower Upper
107 100
108 113.5 91.5 137.3
77 48.0 38.7 58.1
79 46.4 37.7 56.5



#18
Hexachloroethane
Concen: 43.868 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:117 Resp: 563706
Ion Ratio Lower Upper
117 100
119 97.5 77.6 116.4
201 105.9 88.8 133.2

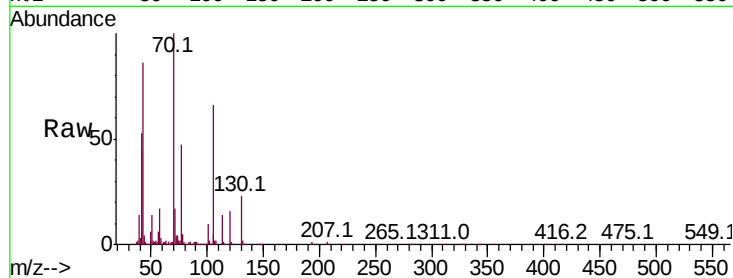




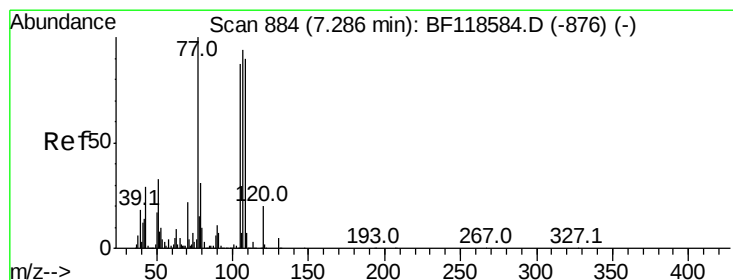
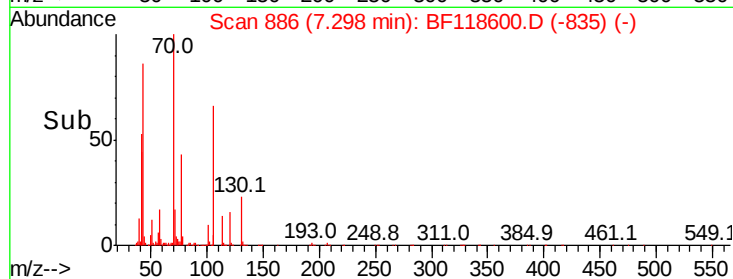
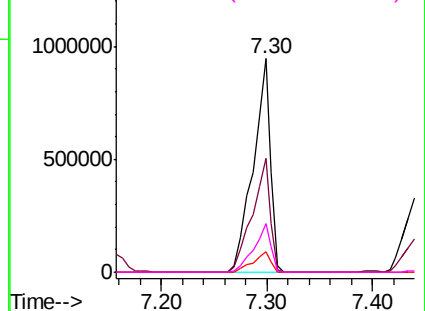
#19
n-Nitroso-di-n-propylamine
Concen: 46.093 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1087016
Ion Ratio Lower Upper
70 100
42 53.5 43.4 65.0
101 9.7 8.1 12.1
130 22.6 17.6 26.4

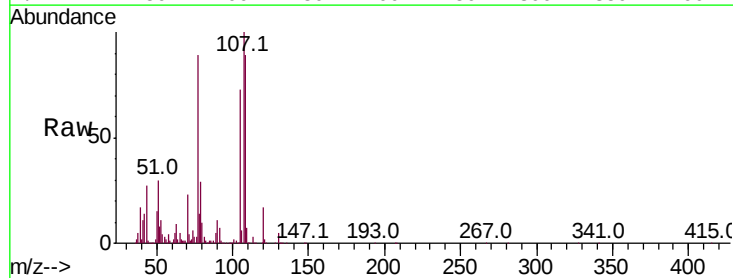


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

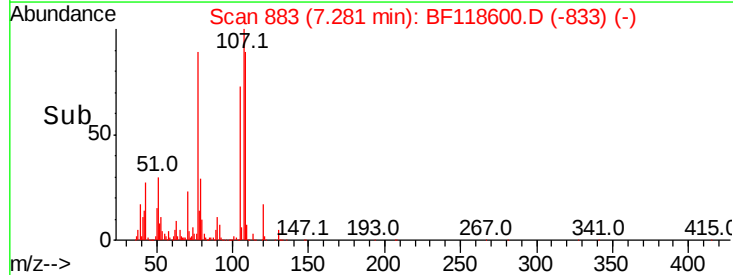
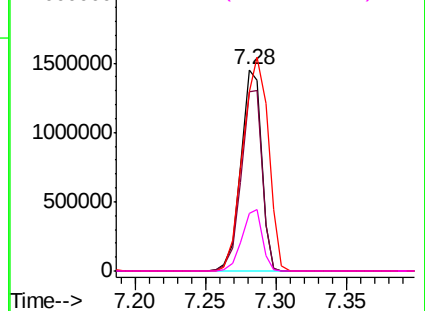


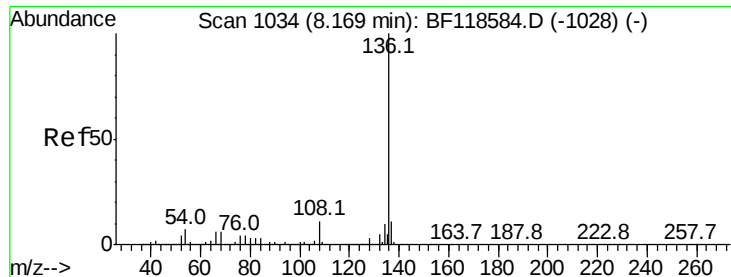
#20
3+4-Methylphenols
Concen: 48.060 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion: 107 Resp: 1474199
Ion Ratio Lower Upper
107 100
108 88.8 75.8 115.8
77 89.0 86.5 126.5
79 28.6 12.9 52.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1874129

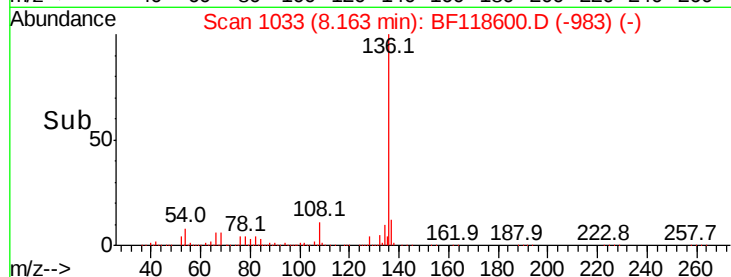
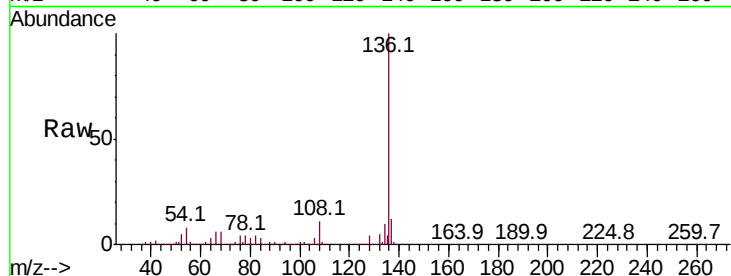
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.6 5.8 8.6

68 6.3 5.0 7.4



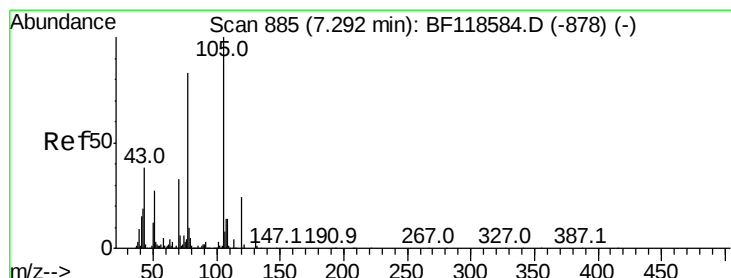
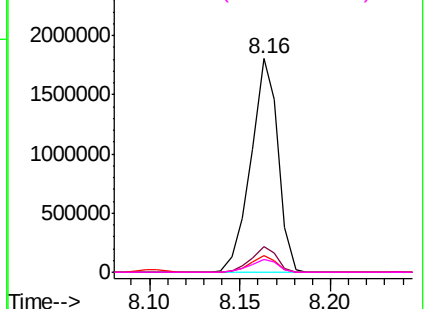
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.206 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Tgt Ion:105 Resp: 1918184

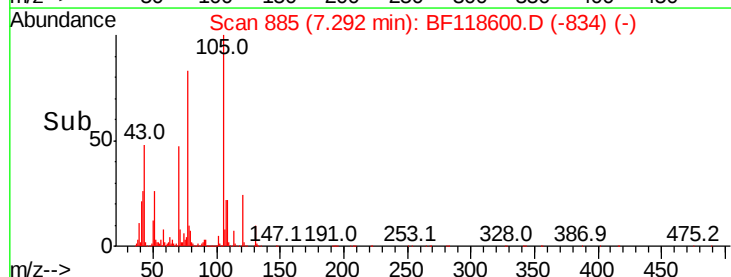
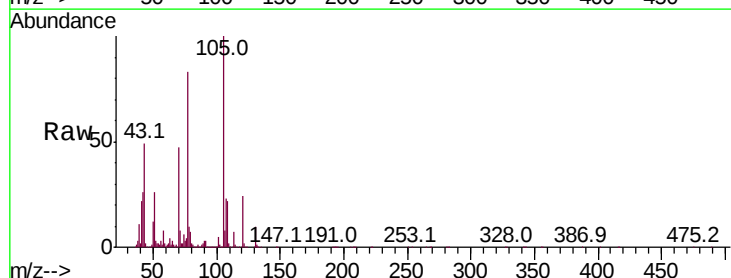
Ion Ratio Lower Upper

105 100

71 8.1 4.5 6.7#

51 26.0 21.5 32.3

120 24.0 19.0 28.6



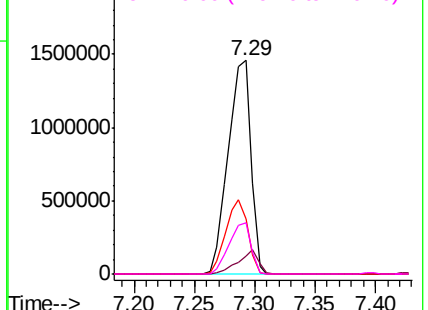
Abundance

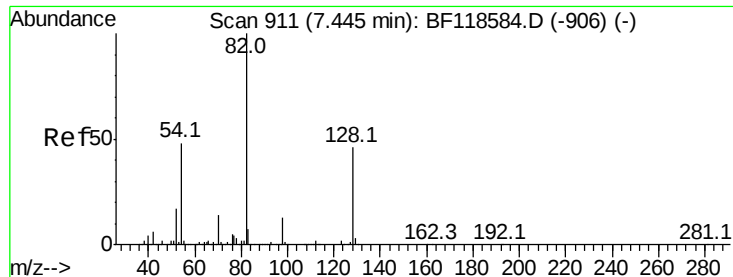
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

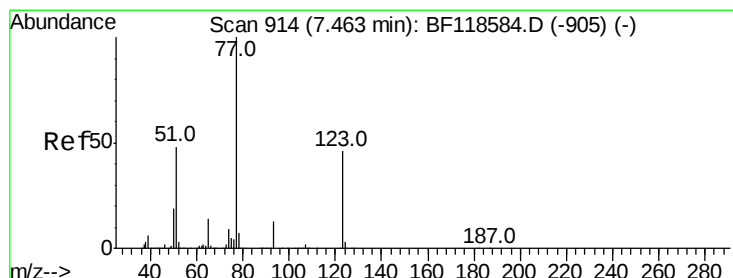
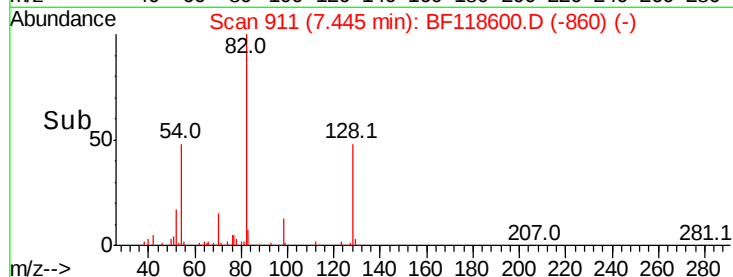
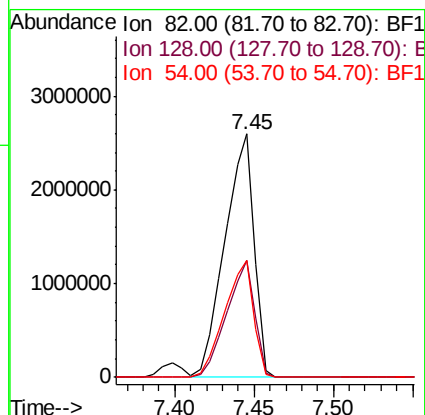
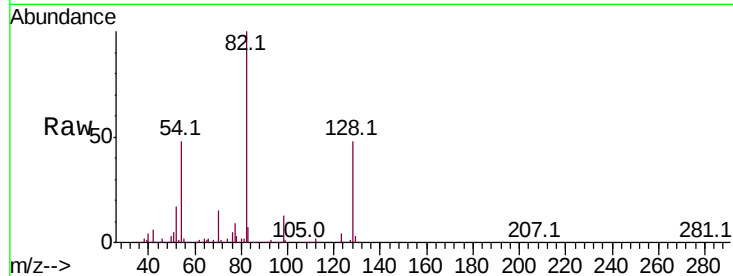




#23
Nitrobenzene-d5
Concen: 98.825 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

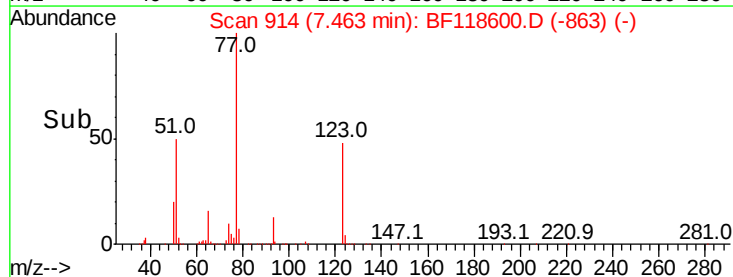
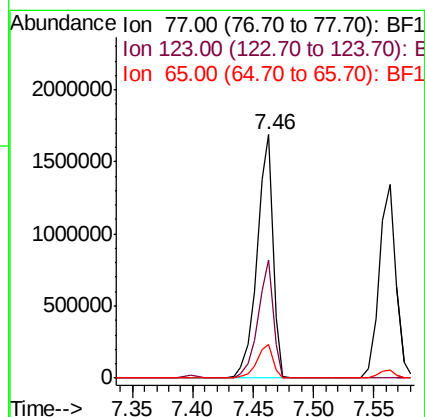
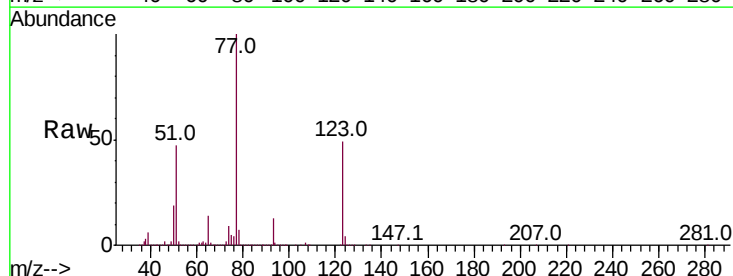
Instrument :
BNA_F
ClientSampleId :

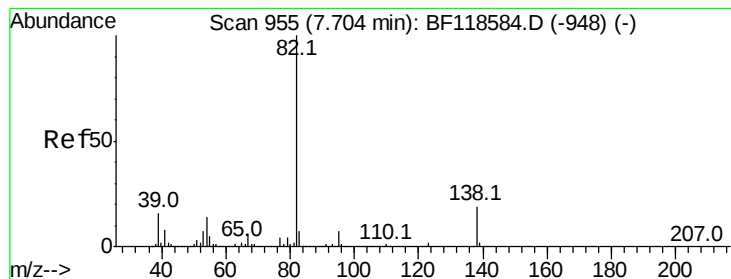
Tot Ion: 82 Resp: 3311231
Ion Ratio Lower Upper
82 100
128 48.3 36.6 54.8
54 48.0 38.0 57.0



#24
Nitrobenzene
Concen: 45.453 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion: 77 Resp: 1559396
Ion Ratio Lower Upper
77 100
123 48.6 37.0 55.4
65 13.9 11.1 16.7





#25

Isophorone

Concen: 46.009 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

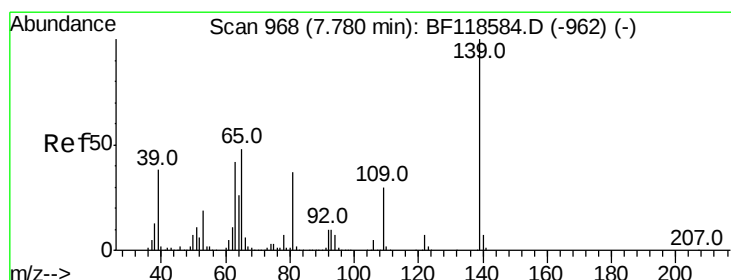
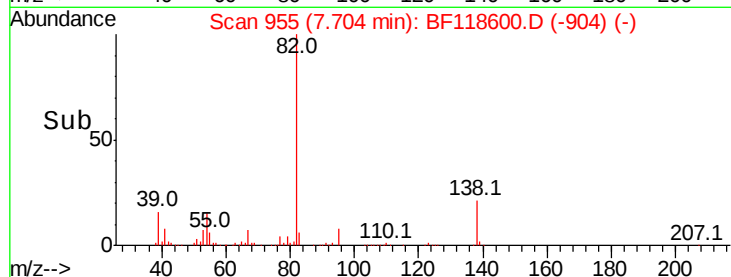
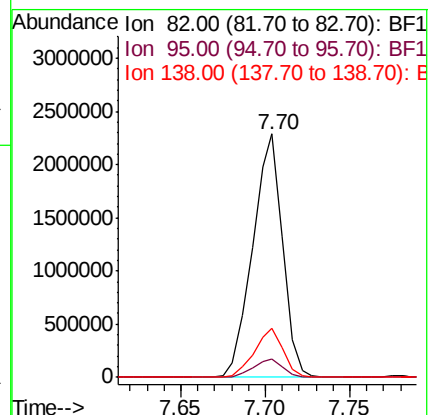
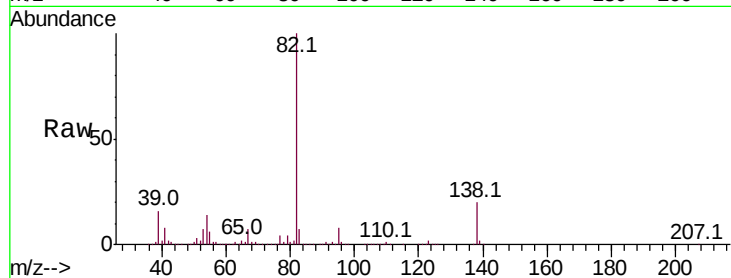
Tot Ion: 82 Resp: 2811788

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

138 20.1 15.3 22.9



#26

2-Nitrophenol

Concen: 52.168 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

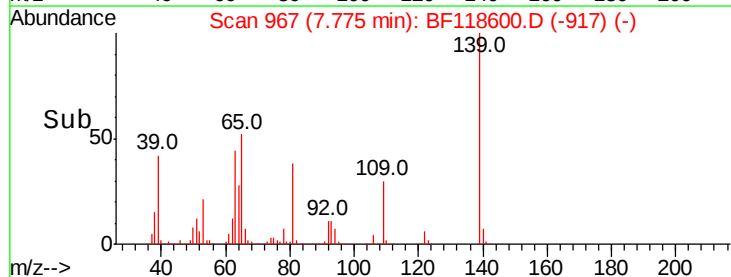
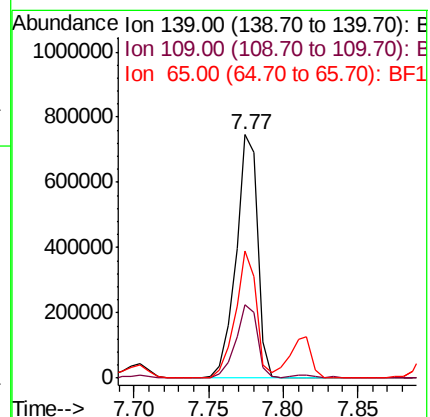
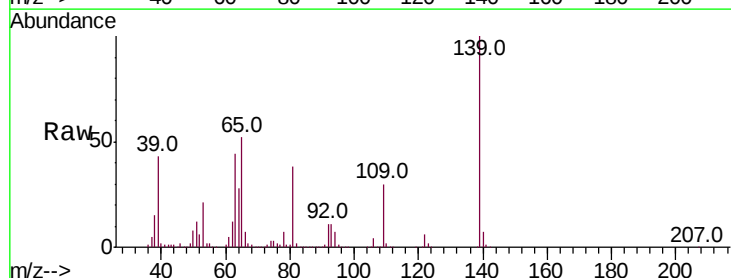
Tgt Ion:139 Resp: 763240

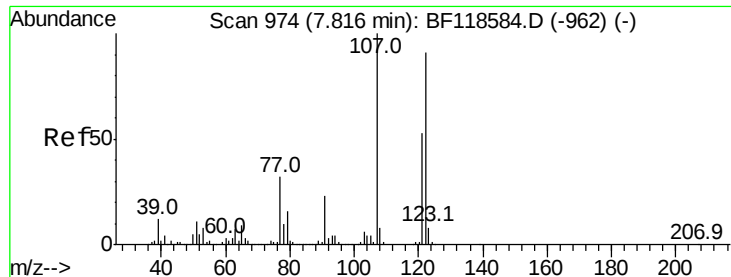
Ion Ratio Lower Upper

139 100

109 30.4 23.8 35.8

65 52.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 54.856 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

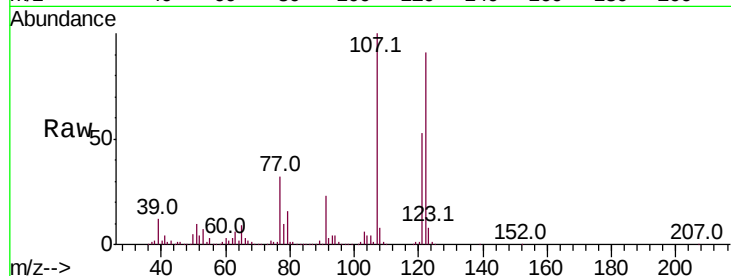
Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1385875

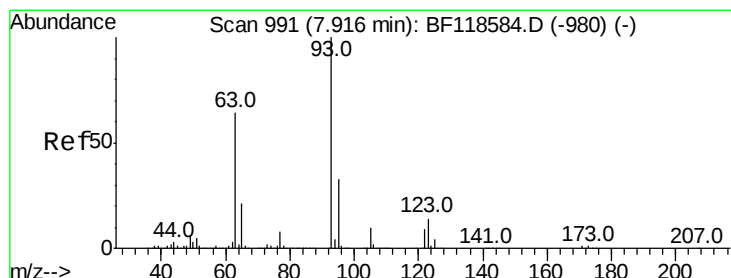
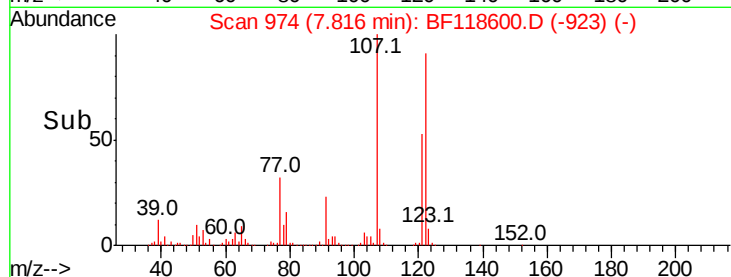
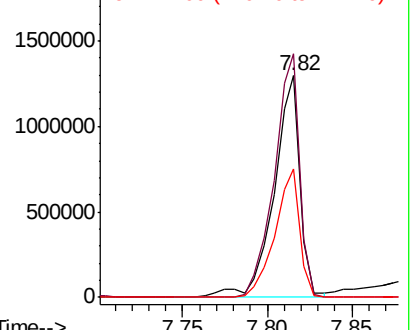
Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.0	132.0
121	58.0	46.3	69.5



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: 43.867 ng

RT: 7.91 min Scan# 990

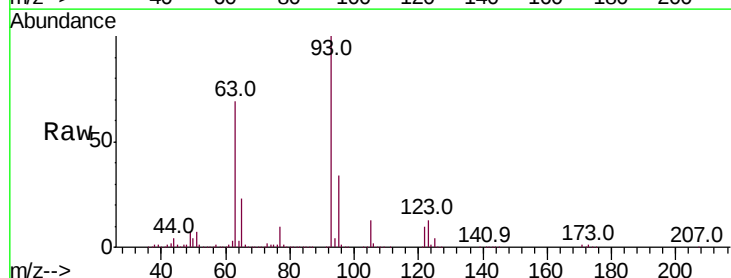
Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Tgt Ion: 93 Resp: 1727380

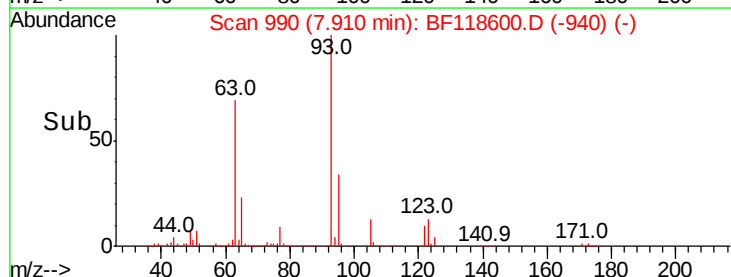
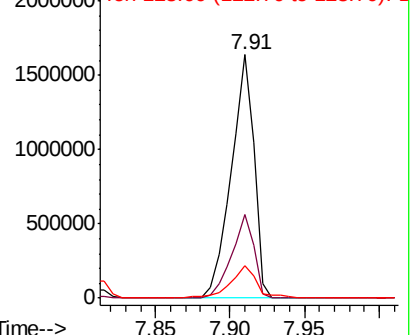
Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.7	40.1
123	13.2	11.0	16.6

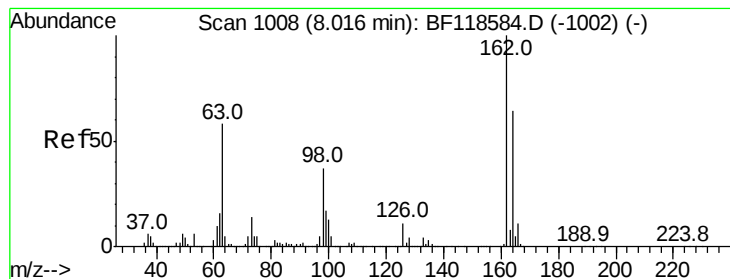


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.620 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

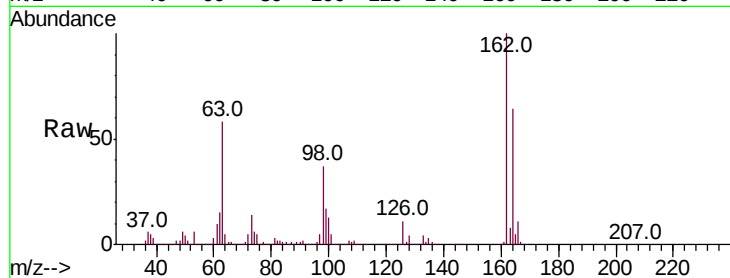
Tot Ion:162 Resp: 1302002

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

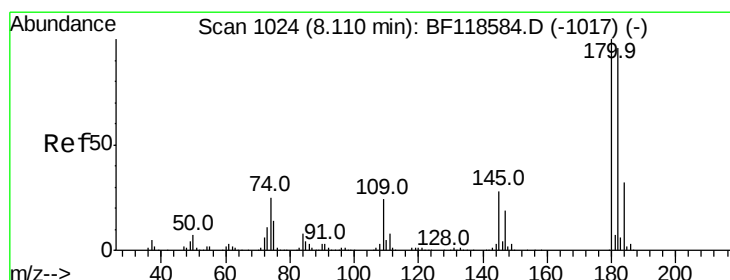
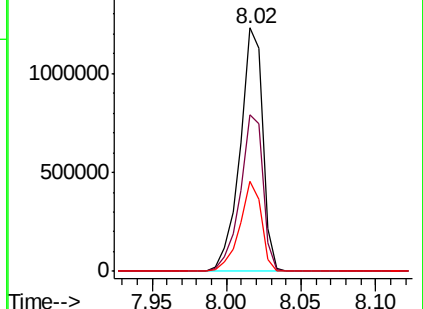
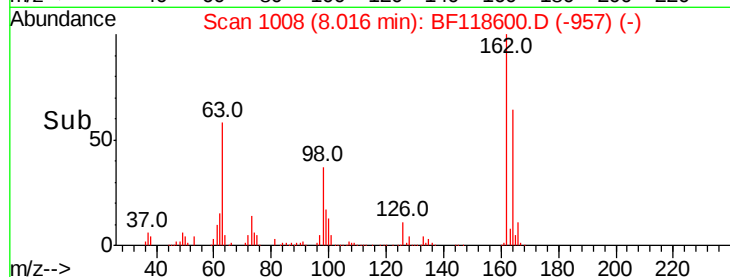
98 37.2 17.5 57.5



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: 43.295 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

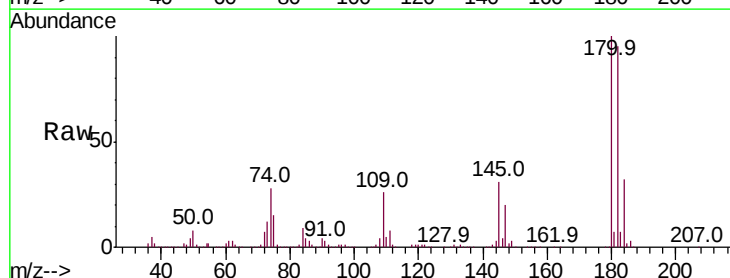
Tgt Ion:180 Resp: 1401982

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

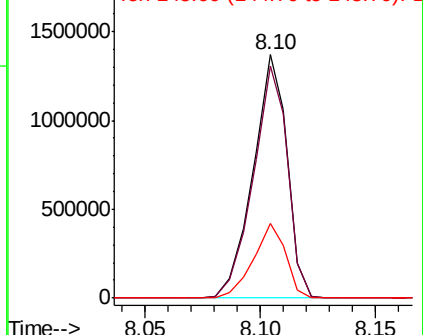
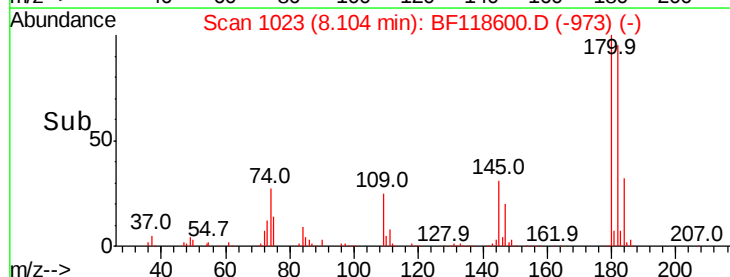
145 30.6 22.8 34.2

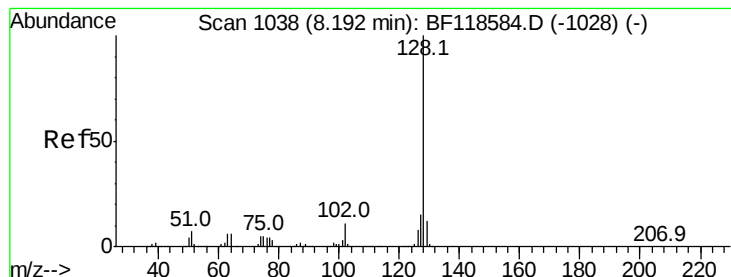


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.784 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

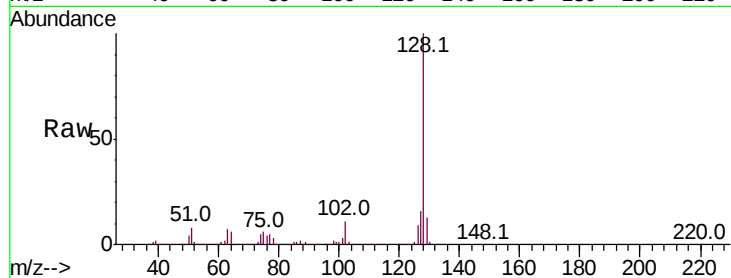
Tot Ion:128 Resp: 3876150

Ion Ratio Lower Upper

128 100

129 13.4 9.9 14.9

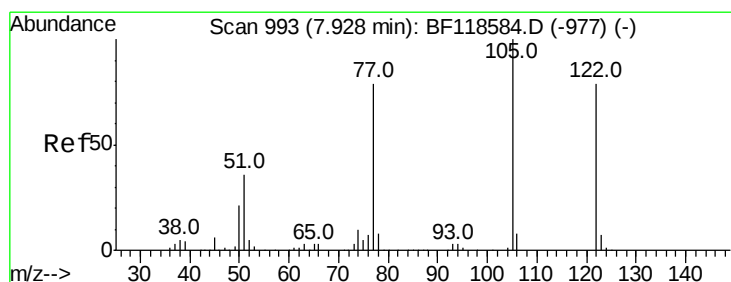
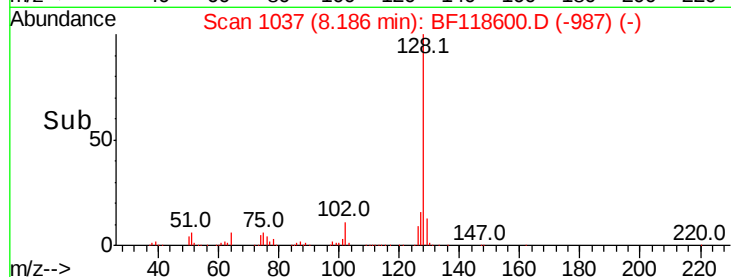
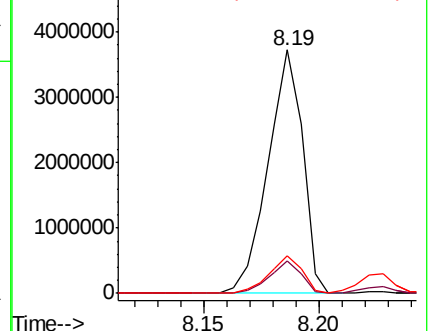
127 15.7 12.0 18.0



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: 40.959 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

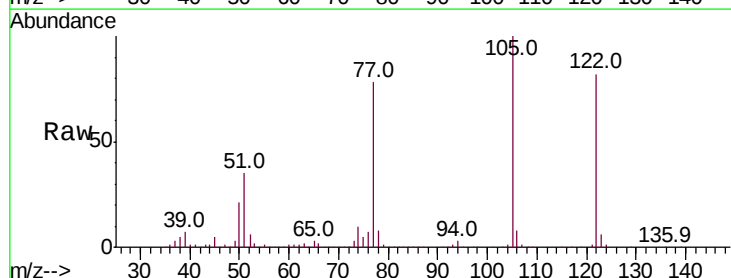
Tgt Ion:122 Resp: 776609

Ion Ratio Lower Upper

122 100

105 122.2 104.3 144.3

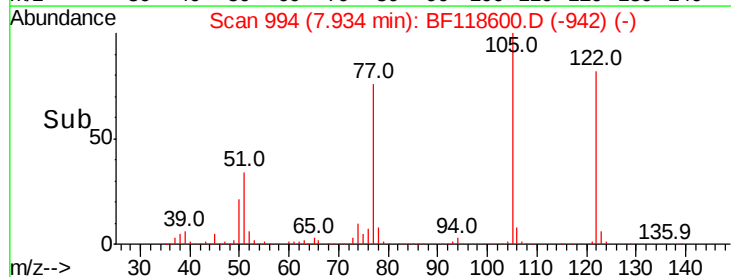
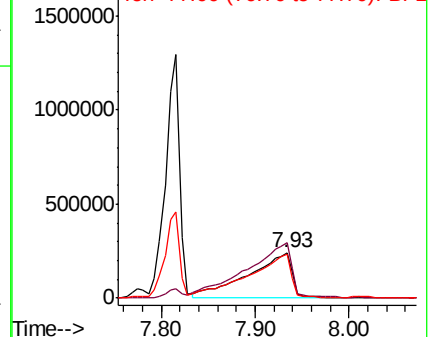
77 95.0 79.4 119.4

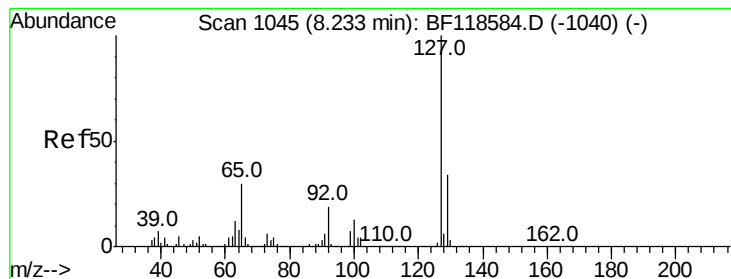


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 8.599 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 336470

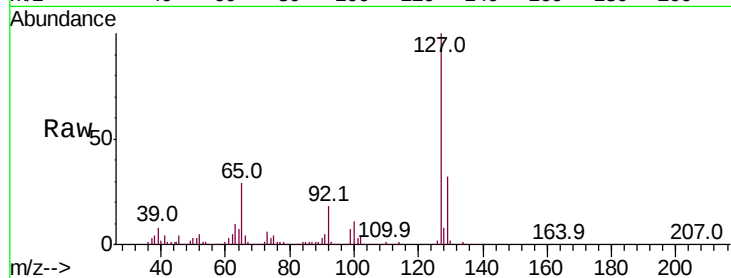
Ion Ratio Lower Upper

127 100

129 32.3 27.4 41.0

65 29.2 23.6 35.4

92 17.9 15.0 22.4

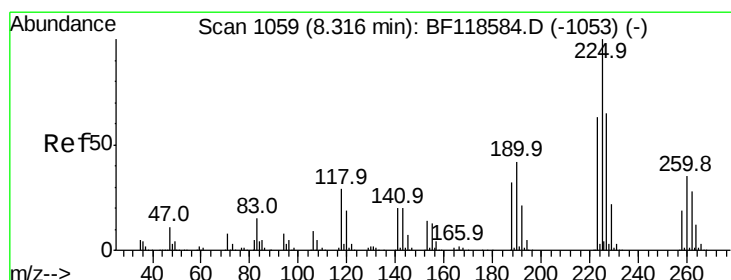
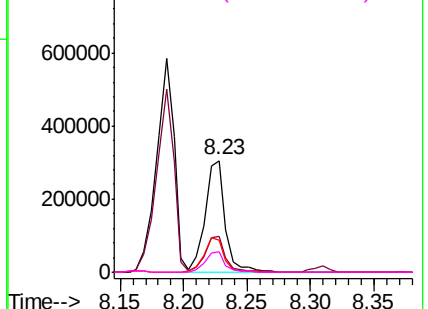
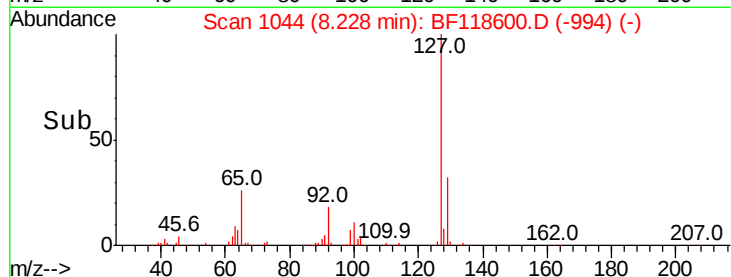


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.250 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

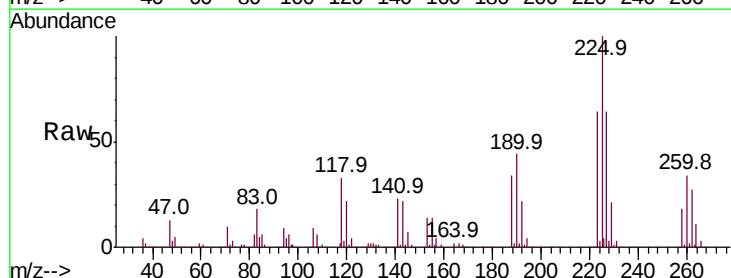
Tgt Ion:225 Resp: 833171

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.4

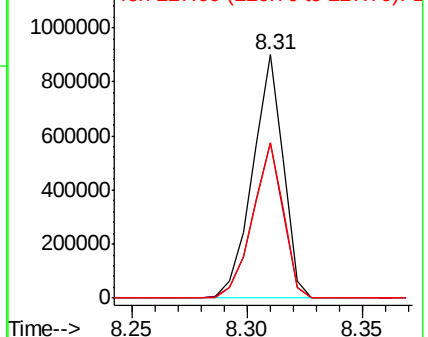
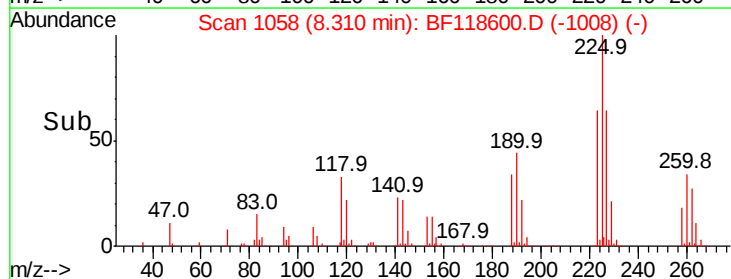
227 63.7 52.1 78.1

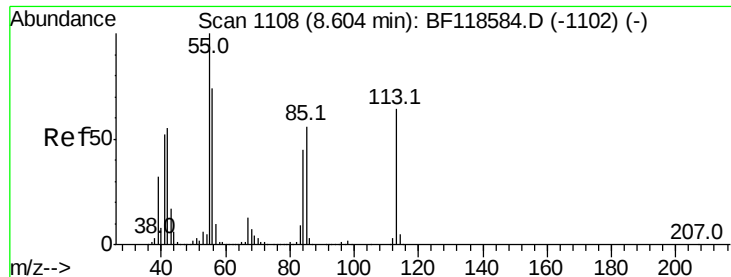


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.294 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

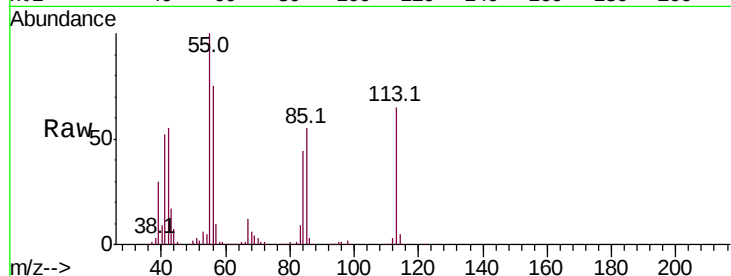
Tot Ion:113 Resp: 240313

Ion Ratio Lower Upper

113 100

55 153.4 136.1 176.1

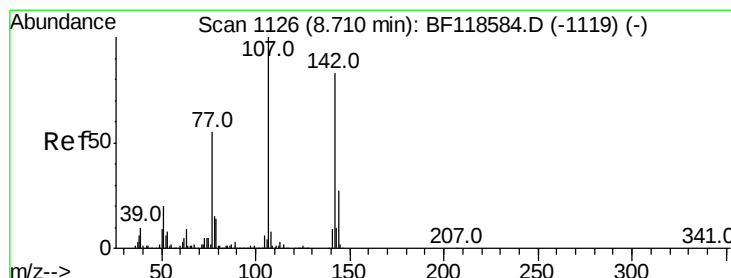
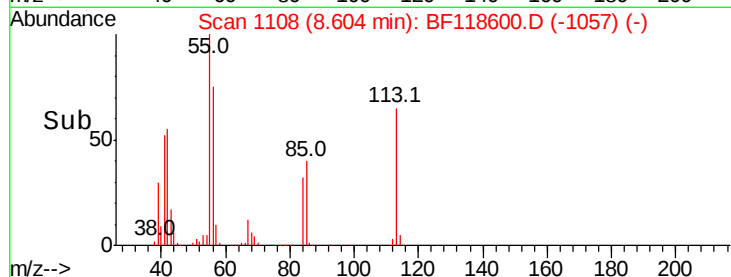
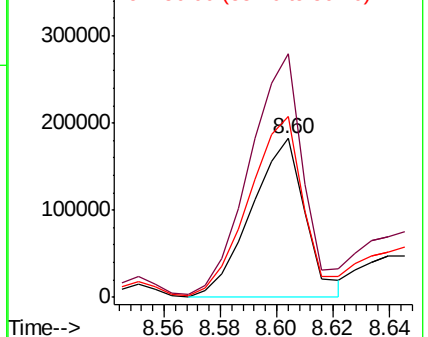
56 114.3 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.473 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

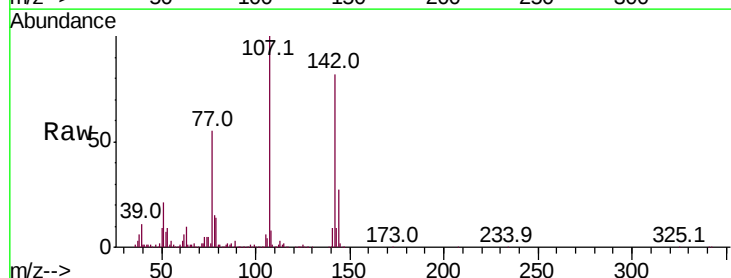
Tgt Ion:107 Resp: 1281674

Ion Ratio Lower Upper

107 100

144 27.4 21.8 32.8

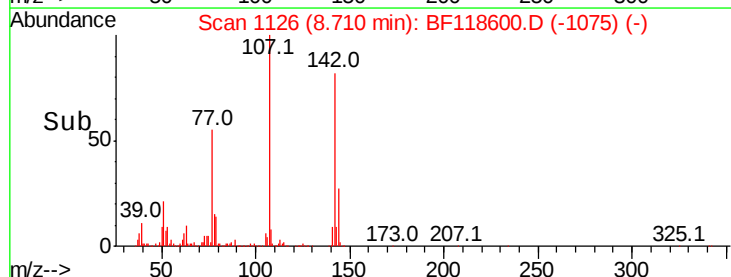
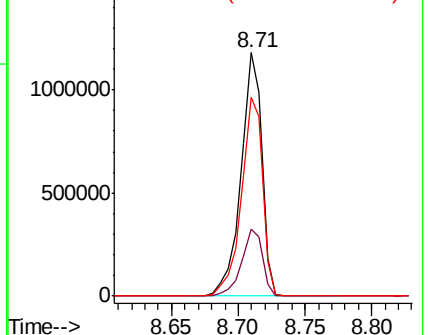
142 81.9 66.5 99.7

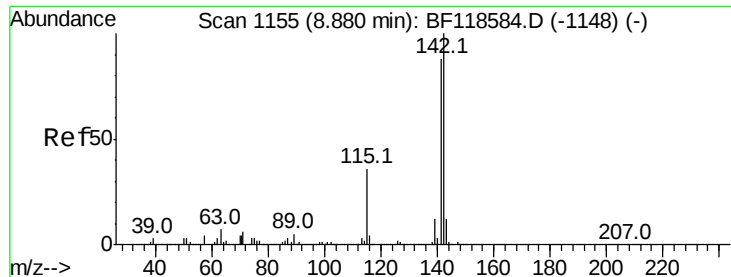


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

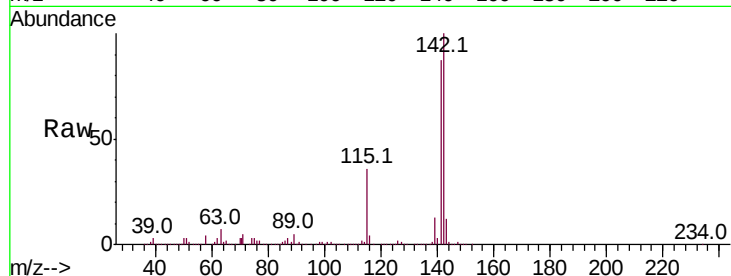




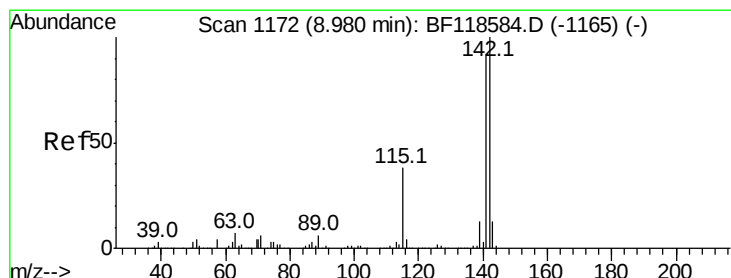
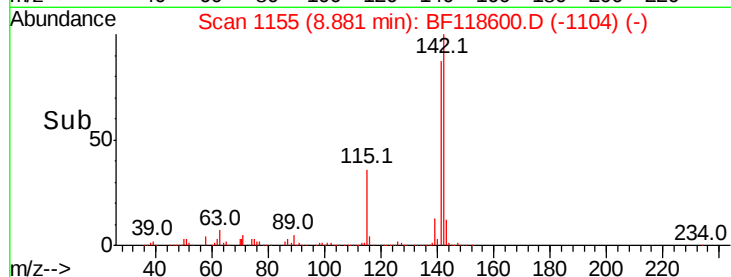
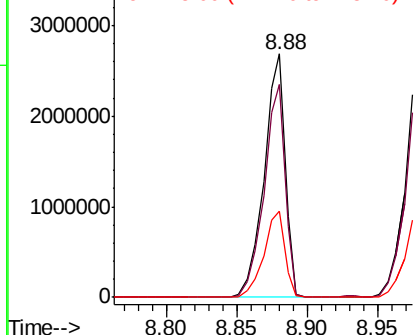
#37
2-Methylnaphthalene
Concen: 47.308 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2827055
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1
115 35.6 28.5 42.7

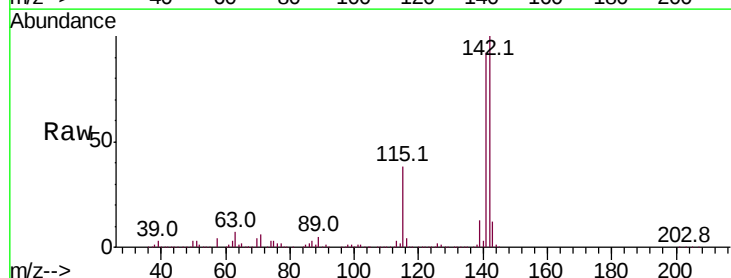


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

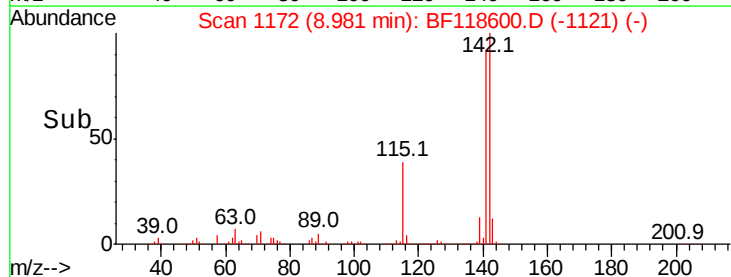
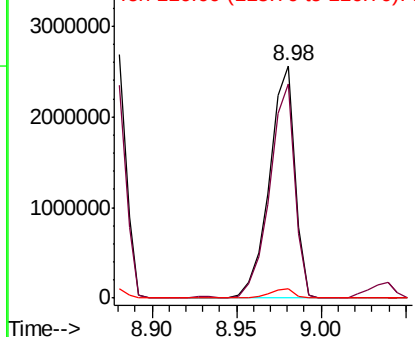


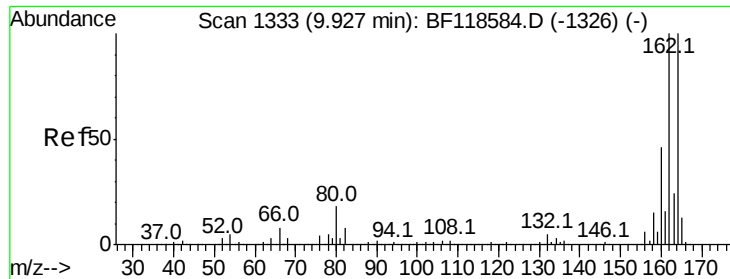
#38
1-Methylnaphthalene
Concen: 46.375 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:142 Resp: 2632869
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.0 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: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

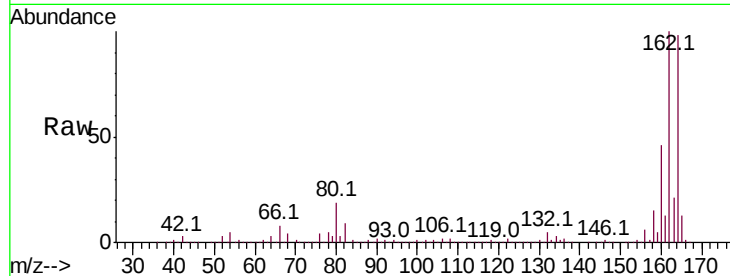
Tot Ion:164 Resp: 1036873

Ion Ratio Lower Upper

164 100

162 102.3 80.4 120.6

160 46.7 36.6 55.0

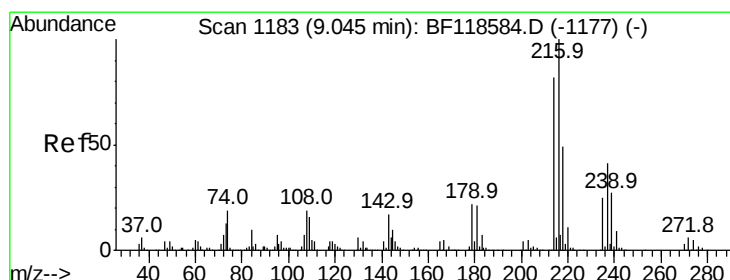
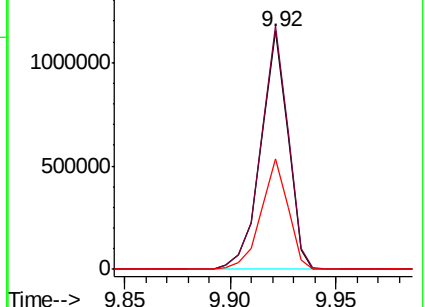
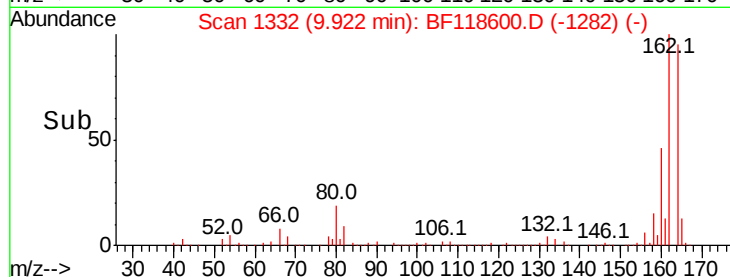


Abundance

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: 43.380 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Tgt Ion:216 Resp: 1407382

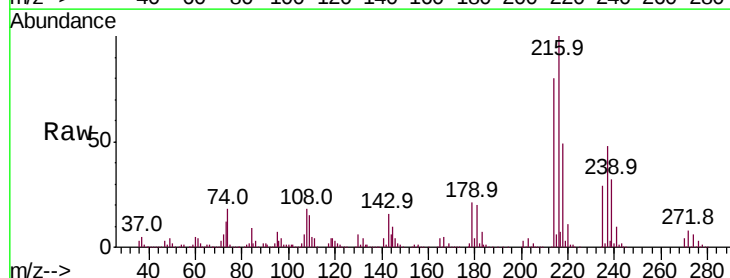
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 20.2 16.6 25.0

108 19.5 14.4 21.6



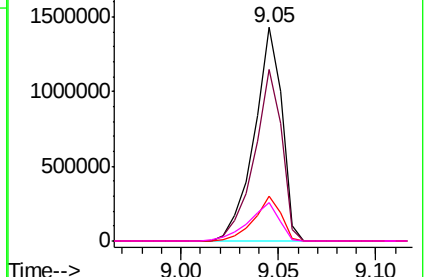
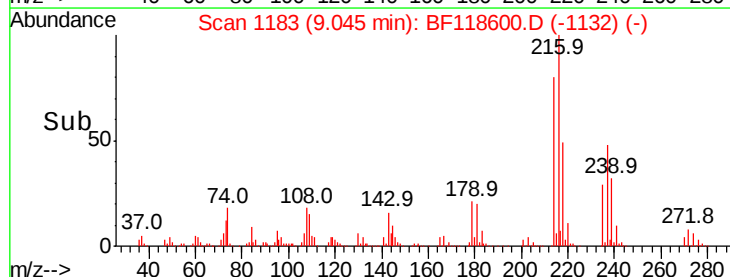
Abundance

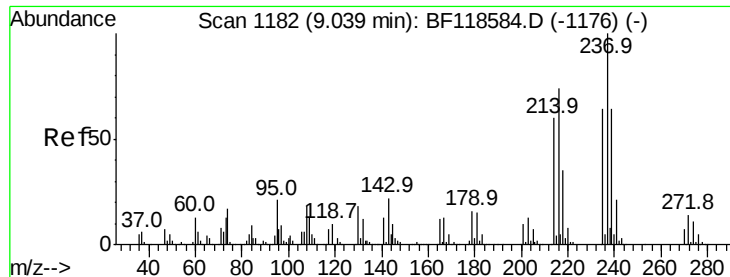
Ion 216.00 (215.70 to 216.70): E

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: 95.473 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

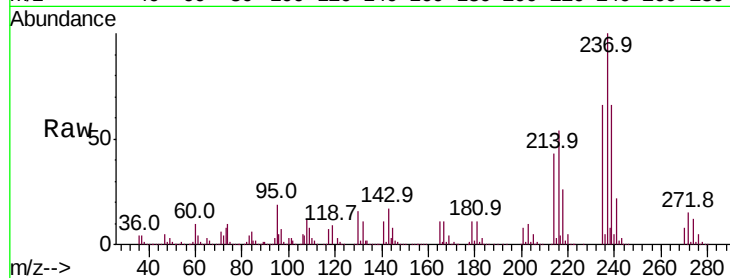
Tot Ion:237 Resp: 1562752

Ion Ratio Lower Upper

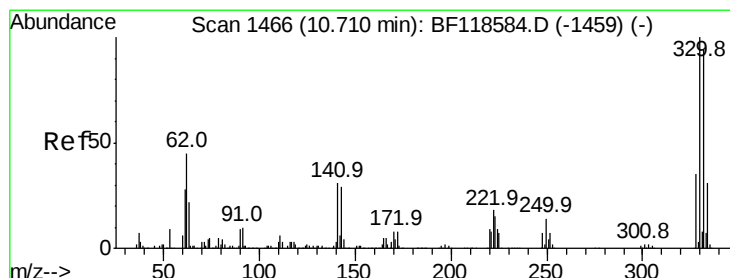
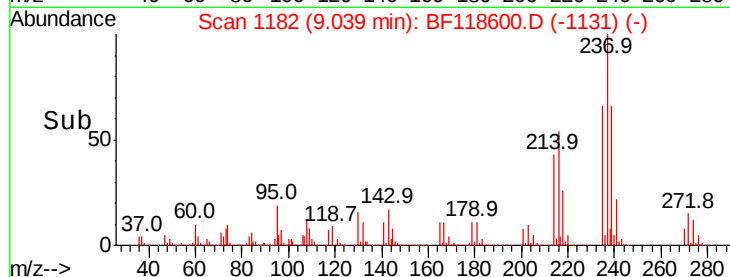
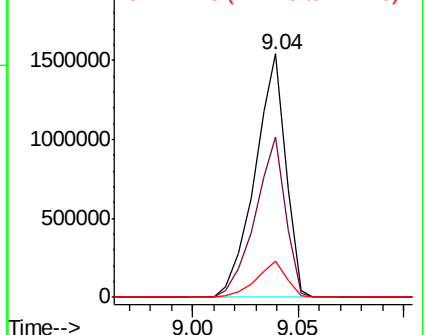
237 100

235 65.6 44.0 84.0

272 15.0 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: 141.352 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

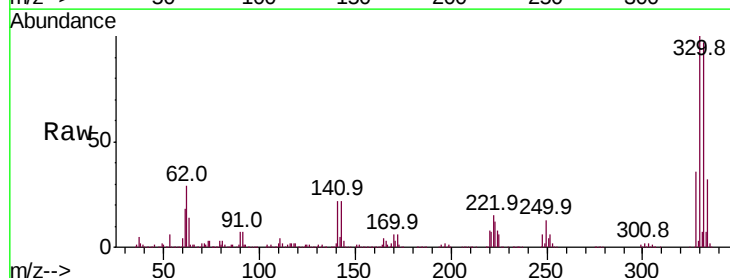
Tgt Ion:330 Resp: 1695196

Ion Ratio Lower Upper

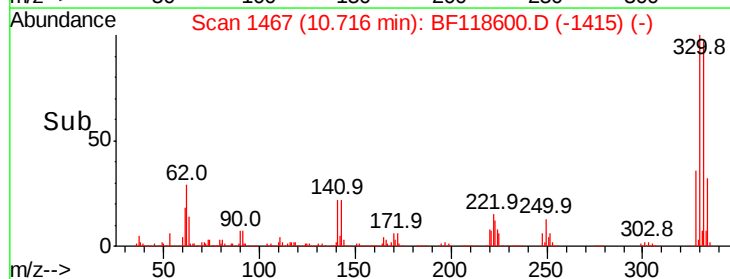
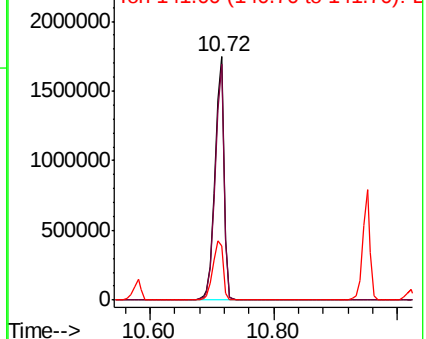
330 100

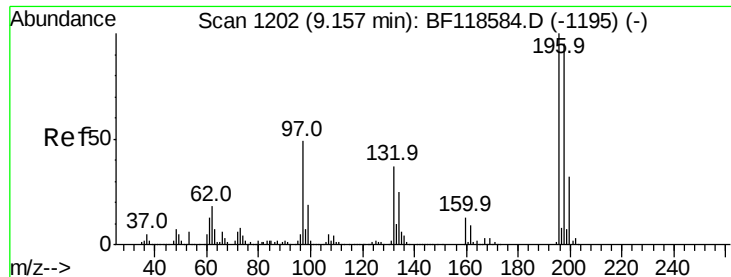
332 95.5 76.2 114.4

141 27.9 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

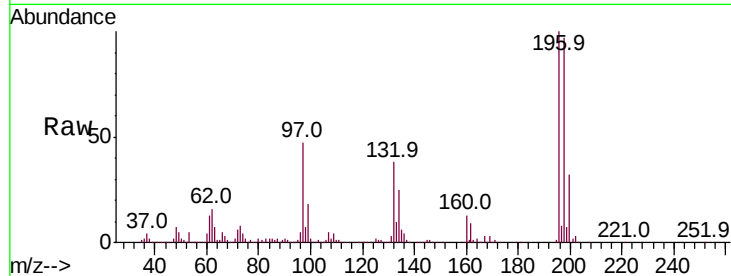




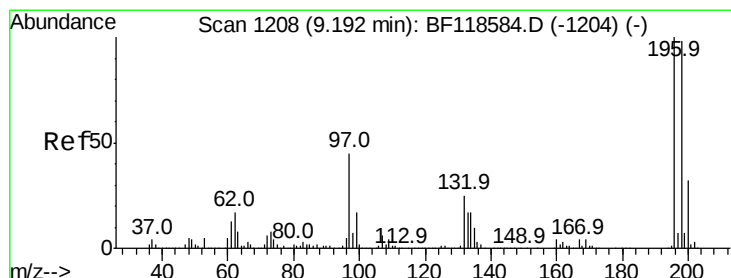
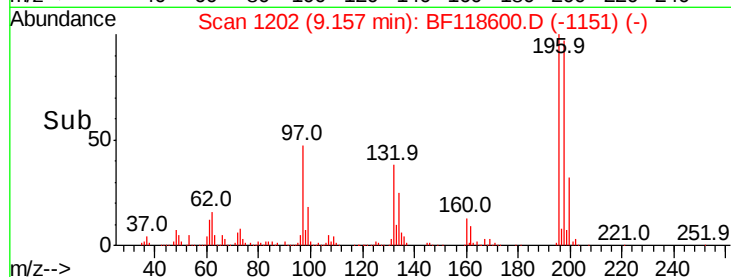
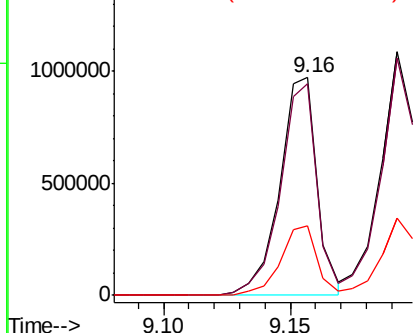
#43
 2,4,6-Trichlorophenol
 Concen: 46.600 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 1003228
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 31.9 25.4 38.2



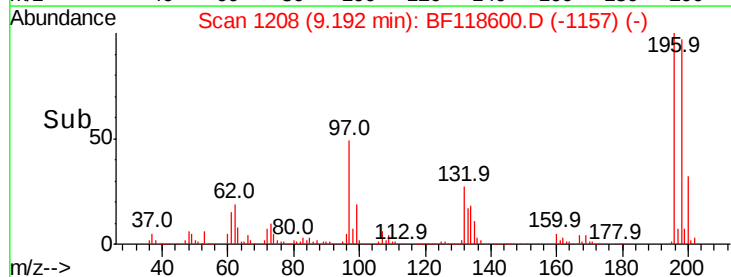
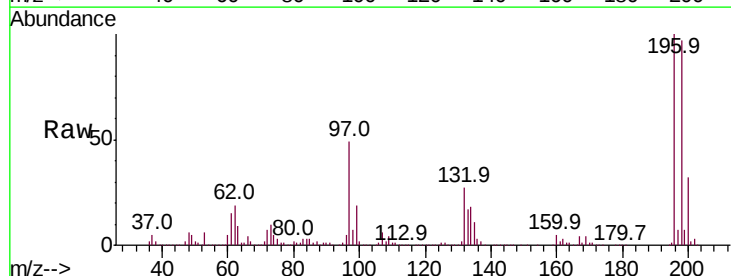
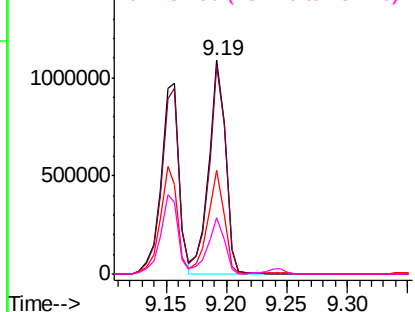
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

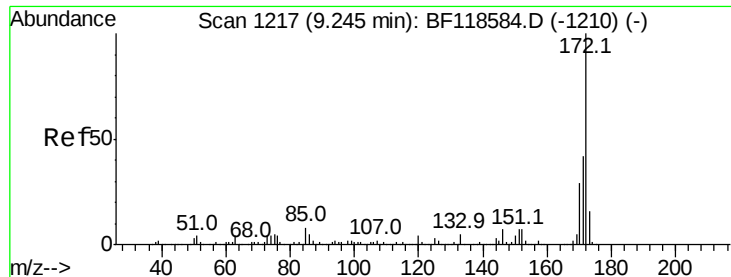


#44
 2,4,5-Trichlorophenol
 Concen: 47.225 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion:196 Resp: 1038353
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.3 117.5
 97 48.8 35.9 53.9
 132 26.6 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

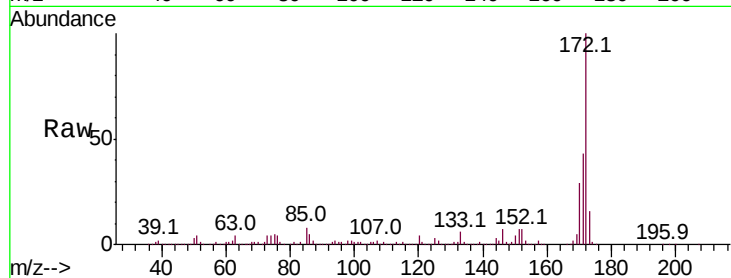




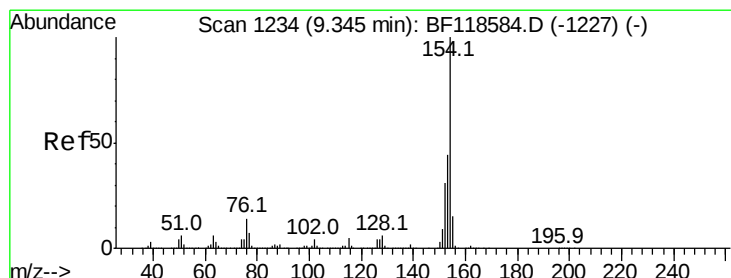
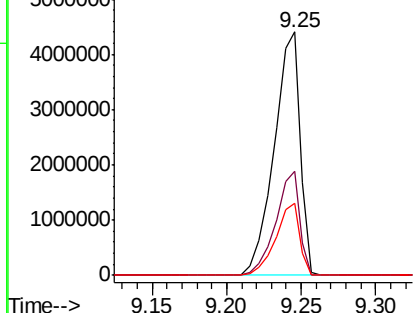
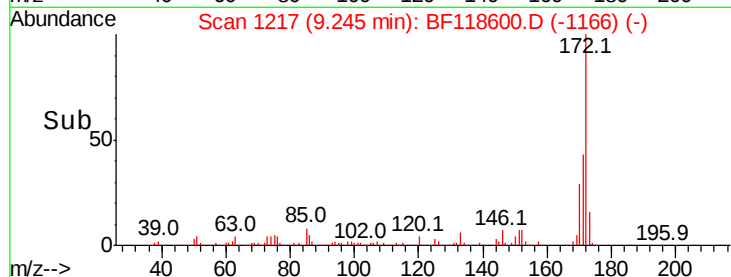
#45
2-Fluorobiphenyl
Concen: 84.888 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5355173
Ion Ratio Lower Upper
172 100
171 43.0 33.4 50.2
170 29.4 23.2 34.8

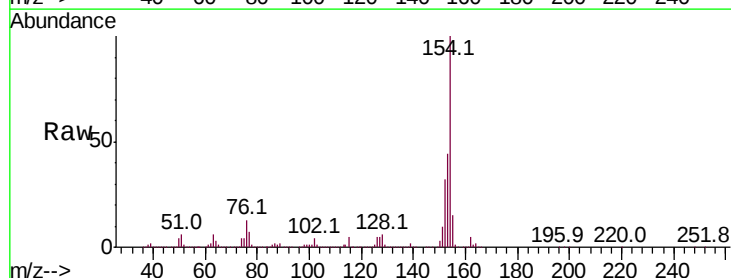


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

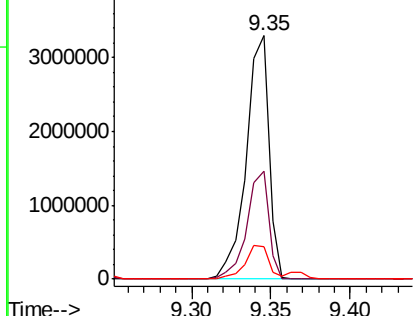
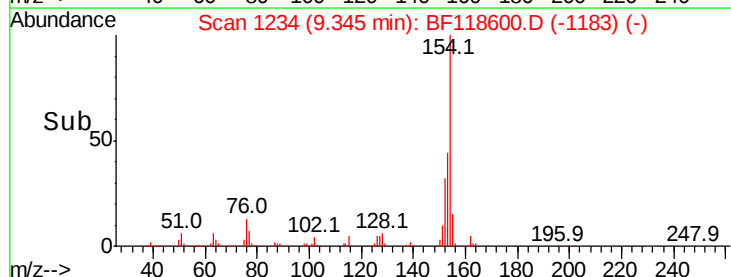


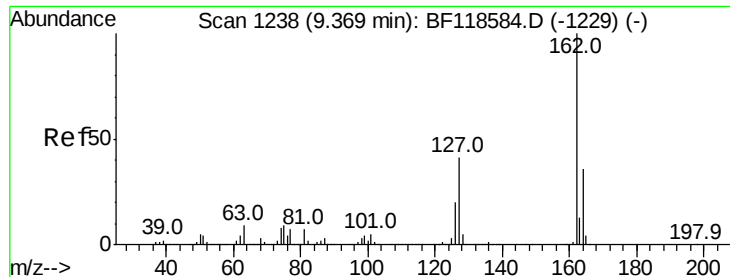
#46
1,1'-Biphenyl
Concen: 45.641 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:154 Resp: 3261579
Ion Ratio Lower Upper
154 100
153 44.4 23.8 63.8
76 13.5 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



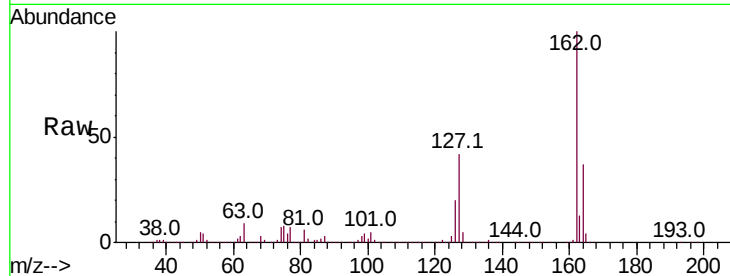


#47
 2-Chloronaphthalene
 Concen: 44.320 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

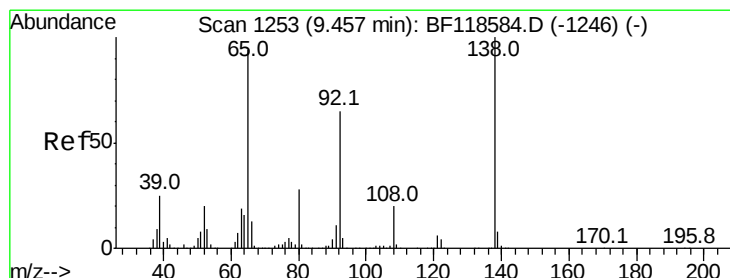
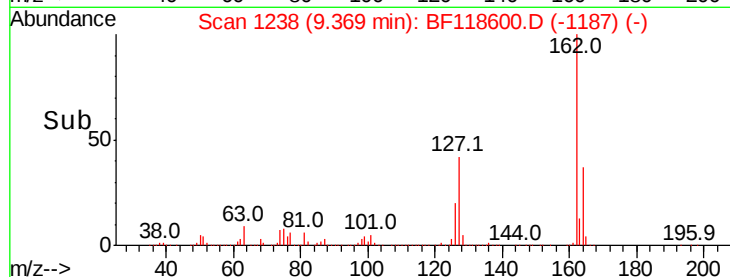
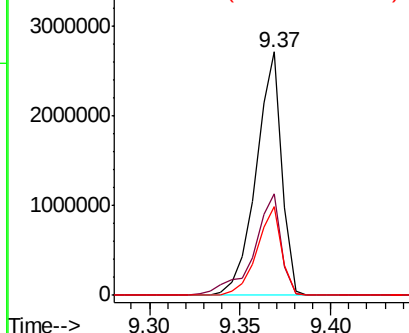
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2669508

Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.0	49.6
164	36.7	28.6	42.8



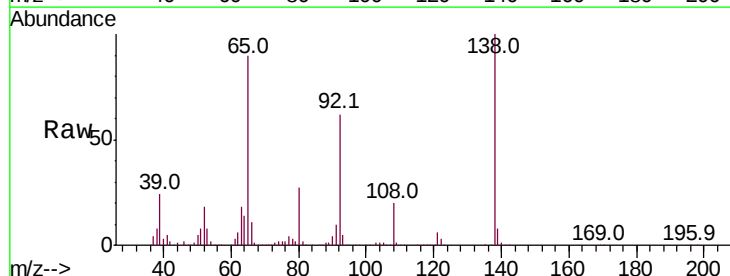
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



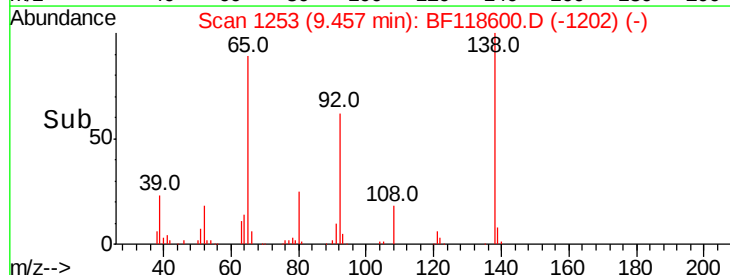
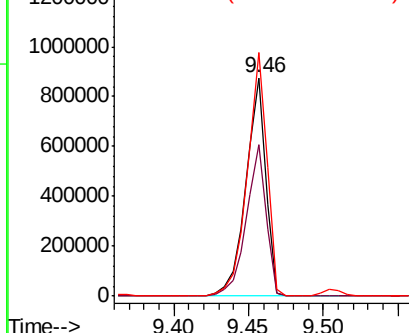
#48
 2-Nitroaniline
 Concen: 43.461 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

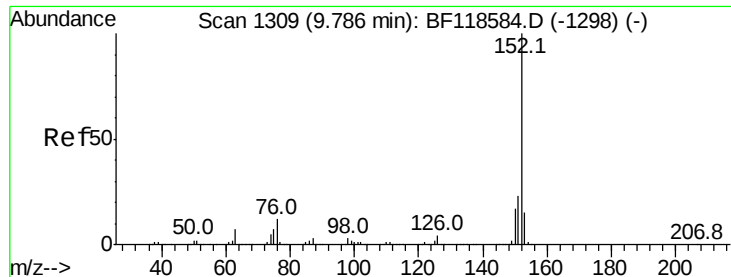
Tgt Ion: 65 Resp: 804700

Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	111.7	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: 46.142 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

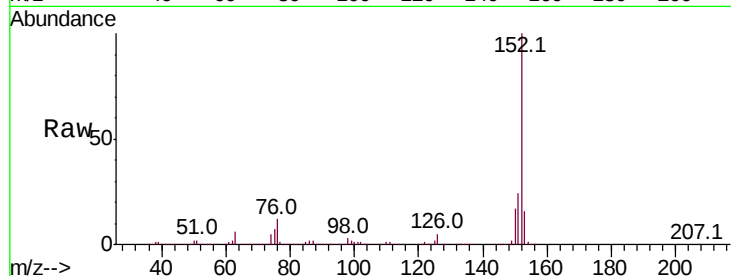
Tot Ion:152 Resp: 3909878

Ion Ratio Lower Upper

152 100

151 24.0 18.6 27.8

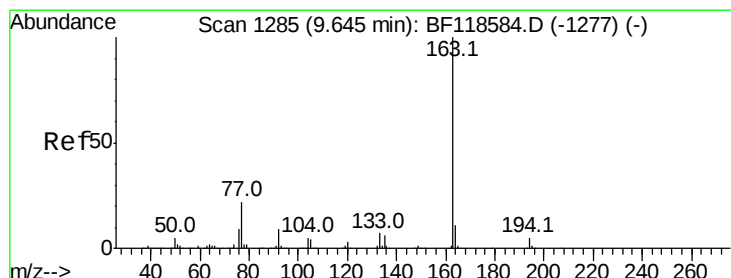
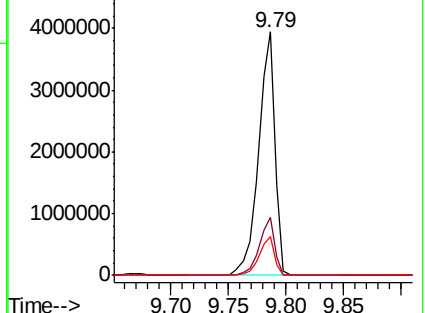
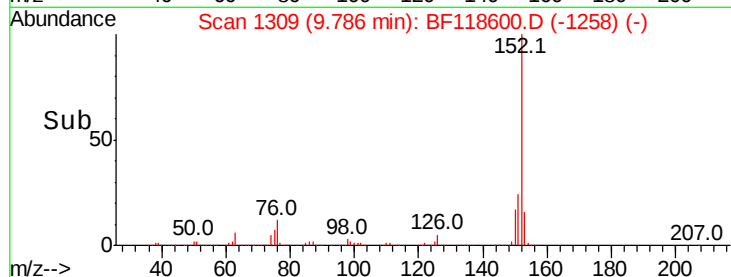
153 15.8 12.2 18.4



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: 50.309 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

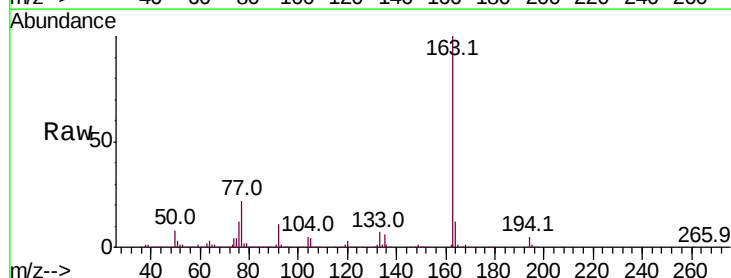
Tgt Ion:163 Resp: 3398569

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

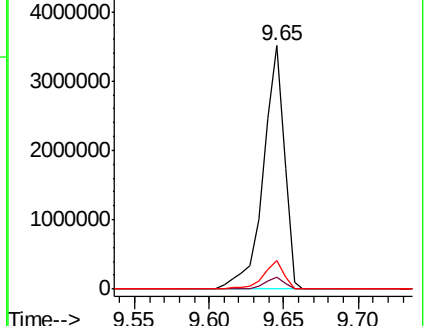
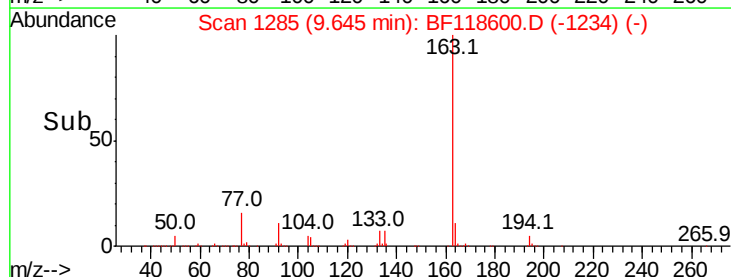
164 11.9 9.1 13.7

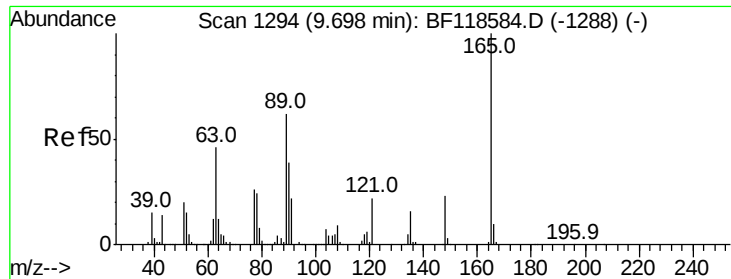


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

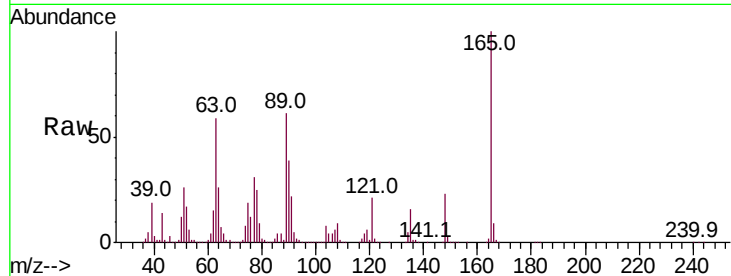




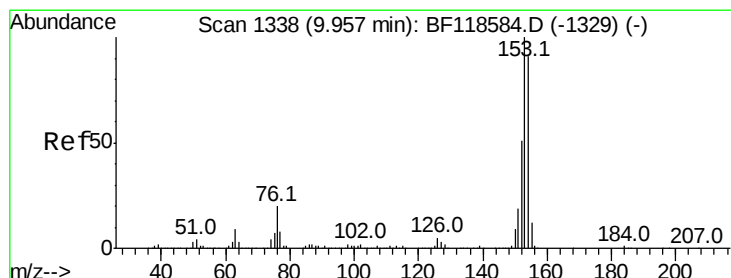
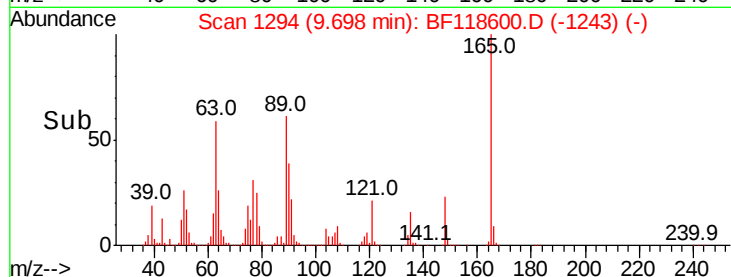
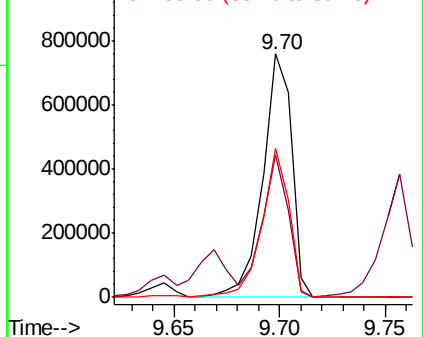
#51
 2,6-Dinitrotoluene
 Concen: 47.873 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 724185
 Ion Ratio Lower Upper
 165 100
 63 58.6 48.9 73.3
 89 61.1 49.8 74.6

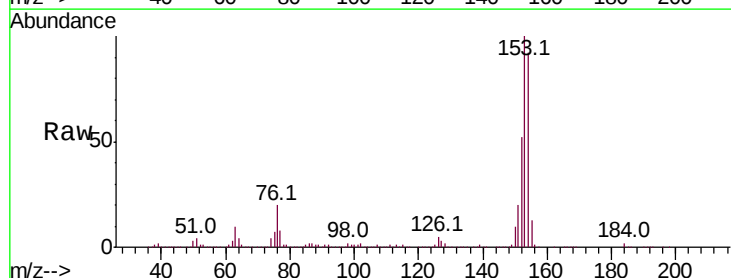


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

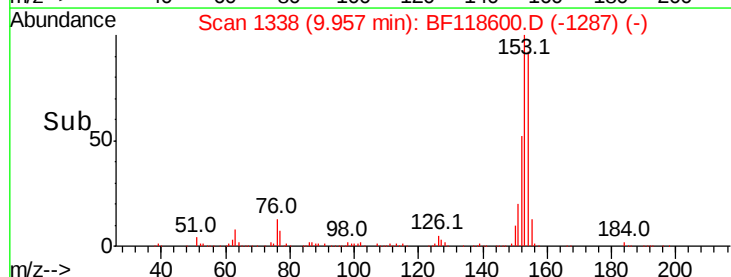
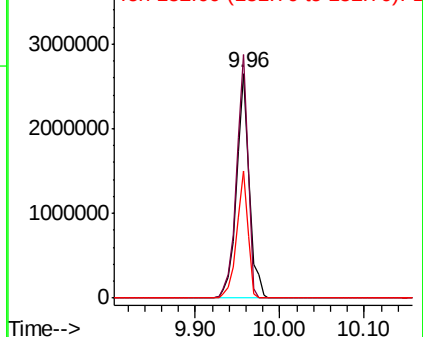


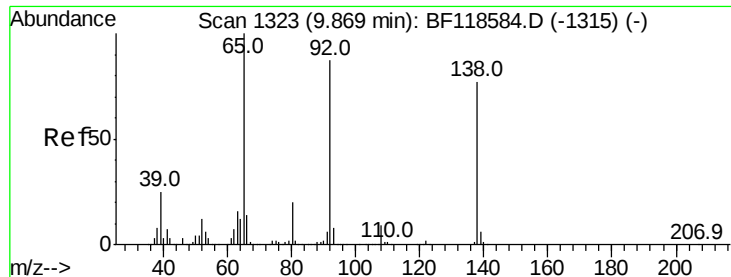
#52
 Acenaphthene
 Concen: 47.505 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion:154 Resp: 2691664
 Ion Ratio Lower Upper
 154 100
 153 108.2 87.6 131.4
 152 56.4 44.4 66.6



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

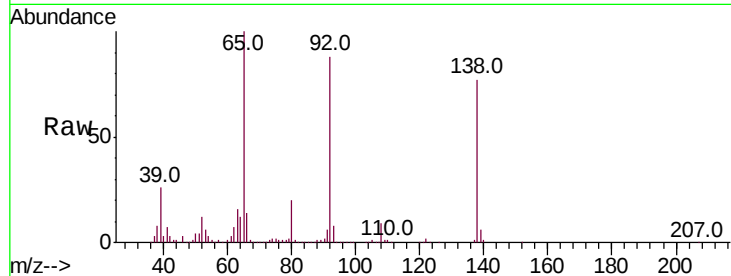




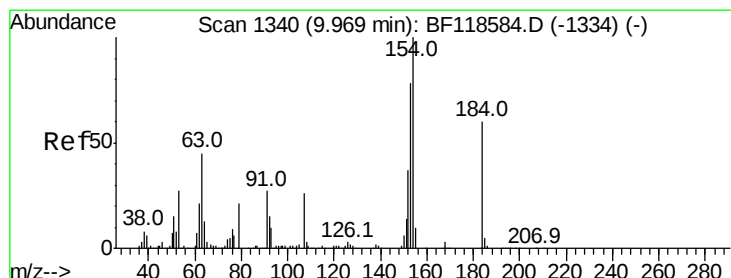
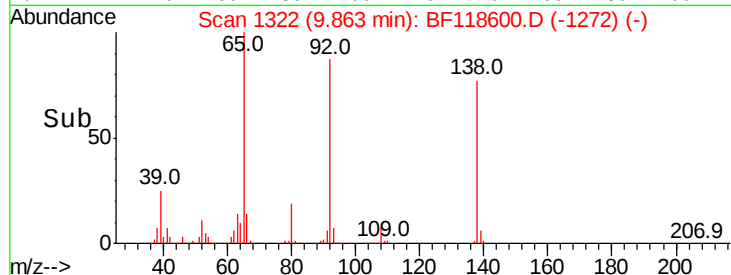
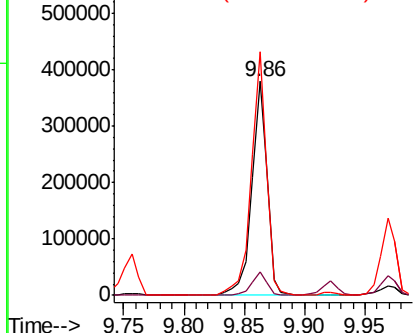
#53
3-Nitroaniline
Concen: 19.536 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 337456
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 113.9 90.6 136.0

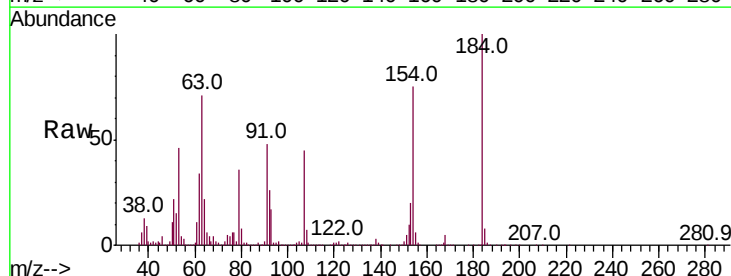


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

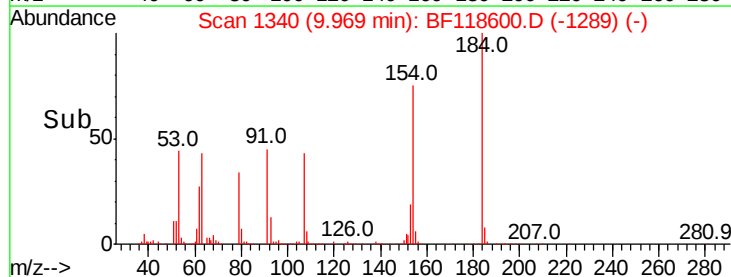
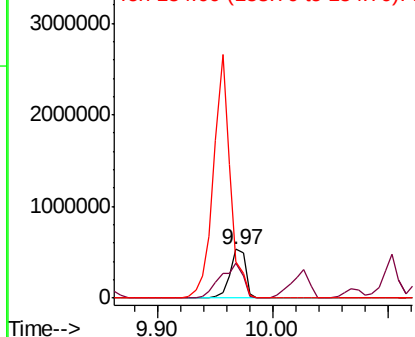


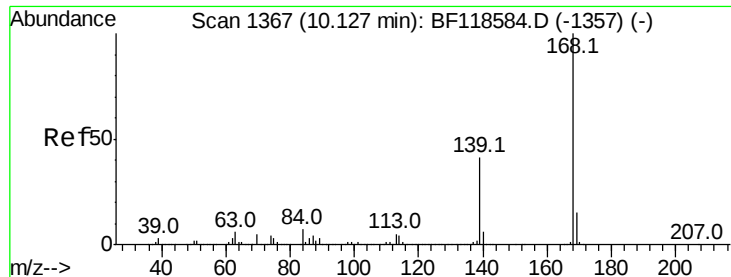
#54
2,4-Dinitrophenol
Concen: 83.161 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:184 Resp: 502219
Ion Ratio Lower Upper
184 100
63 70.5 60.6 90.8
154 75.5 137.3 205.9#



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: 46.013 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampled :

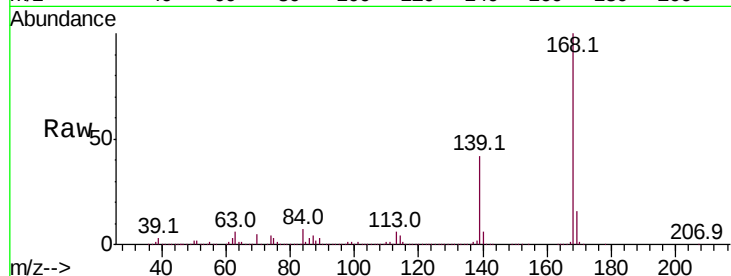
Tot Ion:168 Resp: 3612986

Ion Ratio Lower Upper

168 100

139 42.3 32.7 49.1

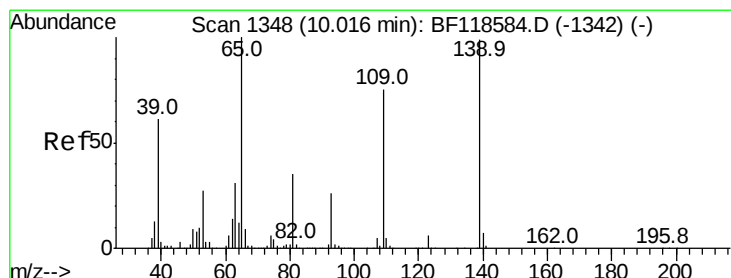
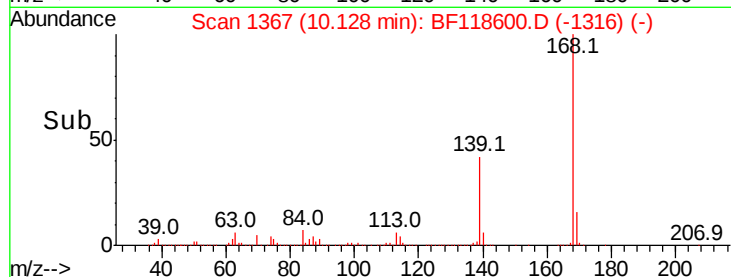
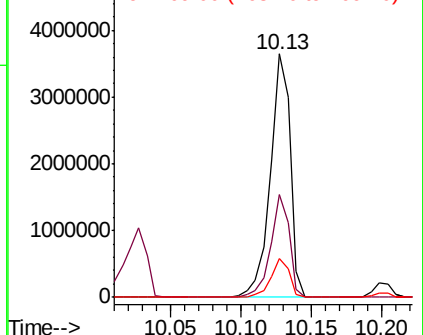
169 16.2 12.2 18.2



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: 88.755 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

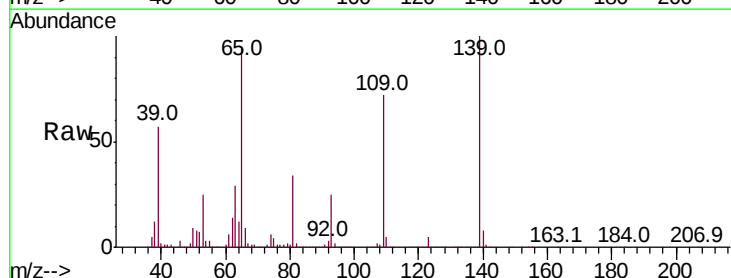
Tgt Ion:139 Resp: 1157327

Ion Ratio Lower Upper

139 100

109 71.6 56.0 96.0

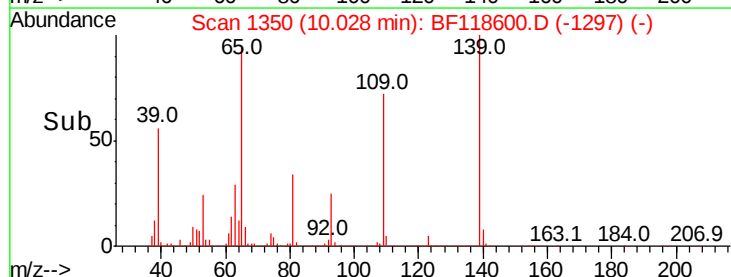
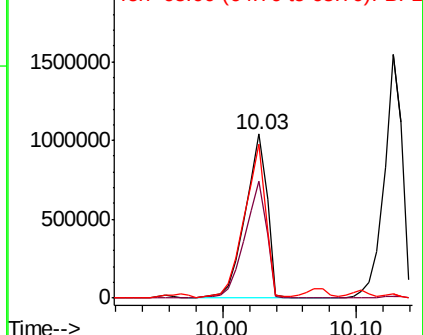
65 94.0 81.4 121.4

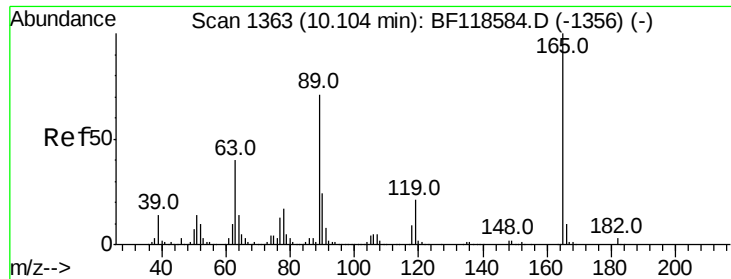


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

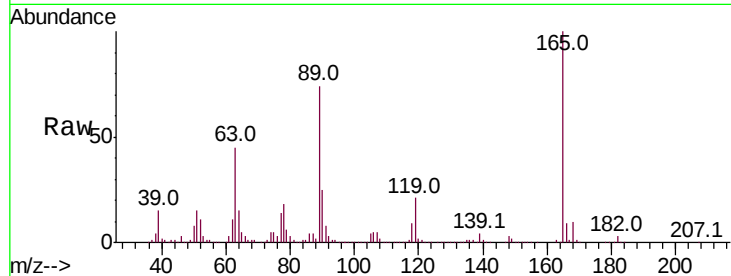




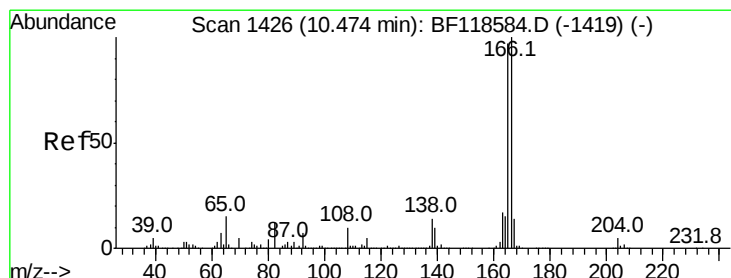
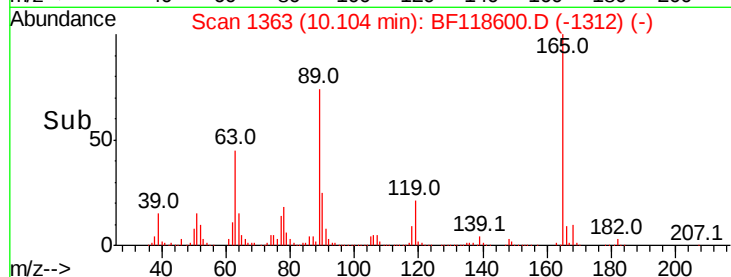
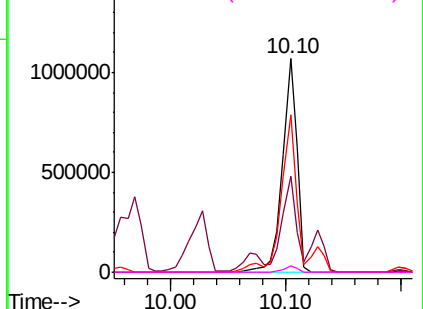
#57
 2,4-Dinitrotoluene
 Concen: 48.888 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	932286
Ion	Ratio	Lower	Upper
165	100		
63	44.9	32.4	48.6
89	73.6	56.4	84.6
182	2.9	2.3	3.5

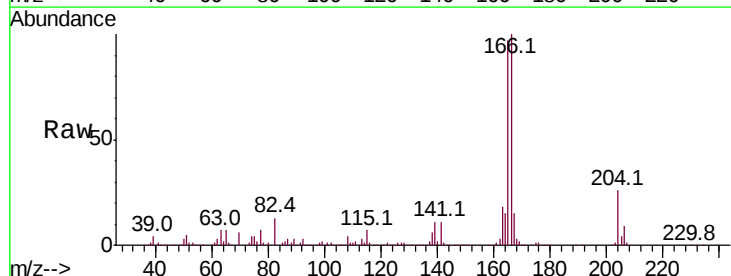


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

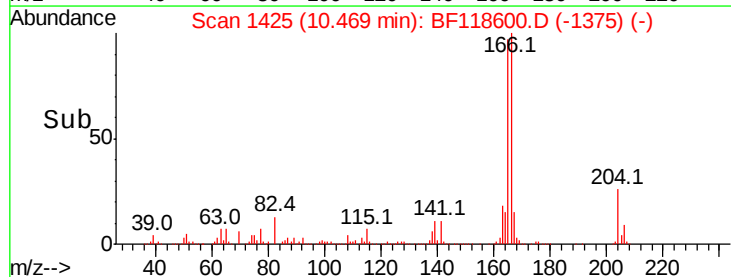
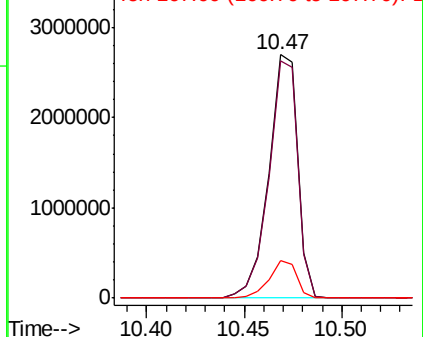


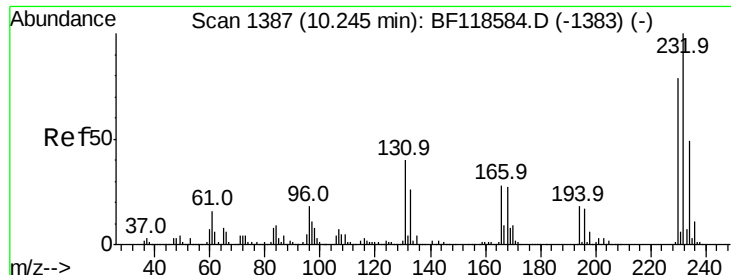
#58
 Fluorene
 Concen: 45.066 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion:	166	Resp:	2777993
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.3	115.9
167	15.3	11.5	17.3



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

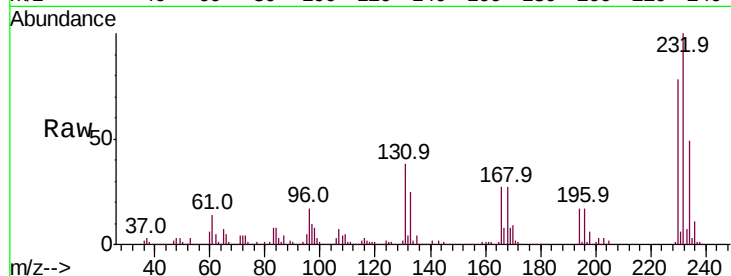




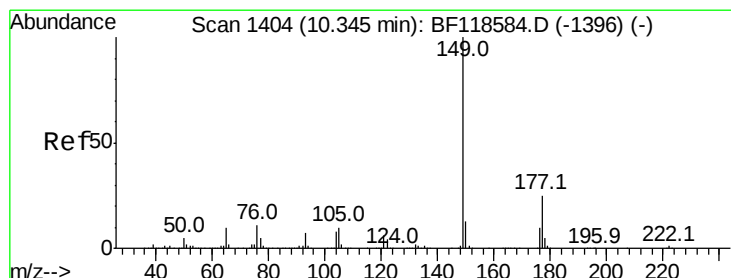
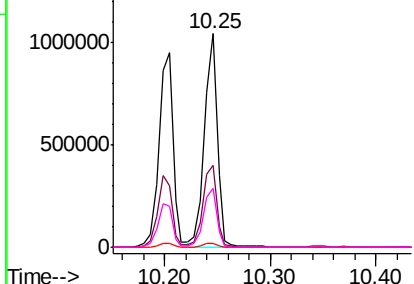
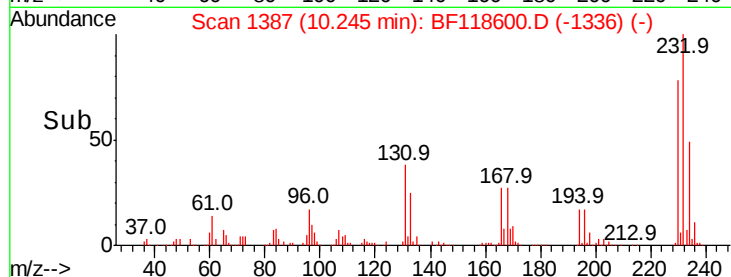
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.482 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 879573
 Ion Ratio Lower Upper
 232 100
 131 41.4 33.2 49.8
 130 2.1 1.8 2.6
 166 28.7 22.6 33.8

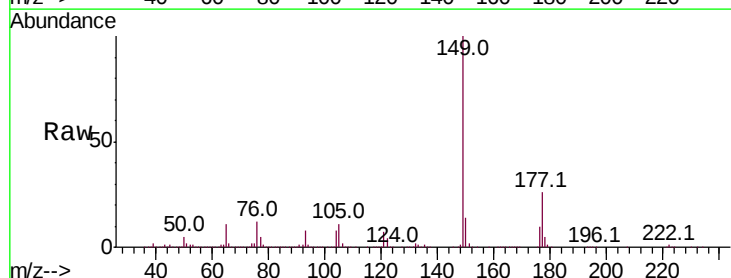


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

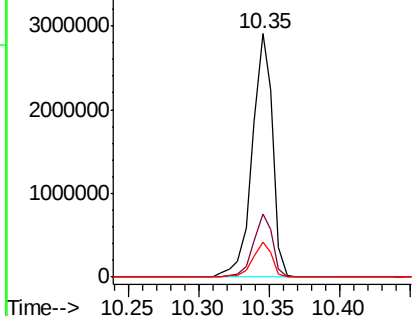
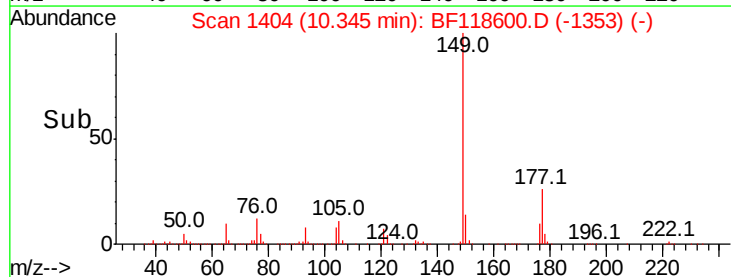


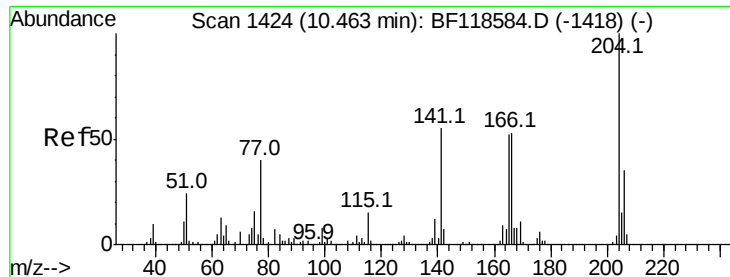
#60
 Diethylphthalate
 Concen: 44.841 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion:149 Resp: 2937032
 Ion Ratio Lower Upper
 149 100
 177 25.8 20.0 30.0
 150 14.2 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

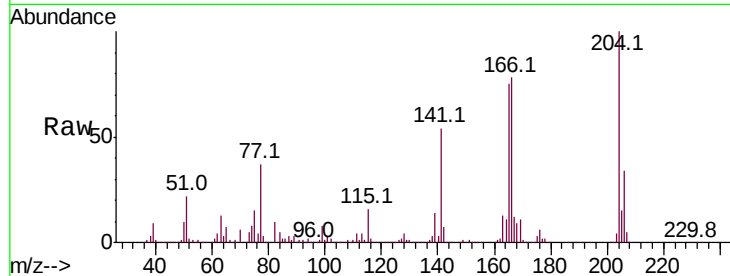




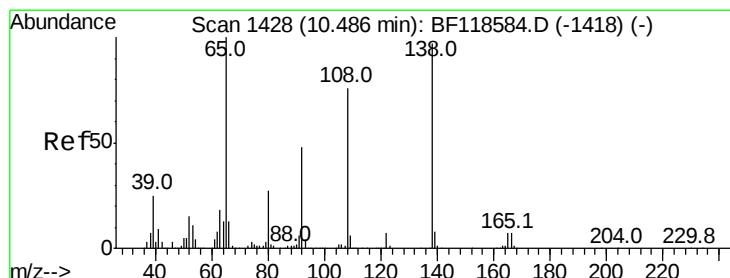
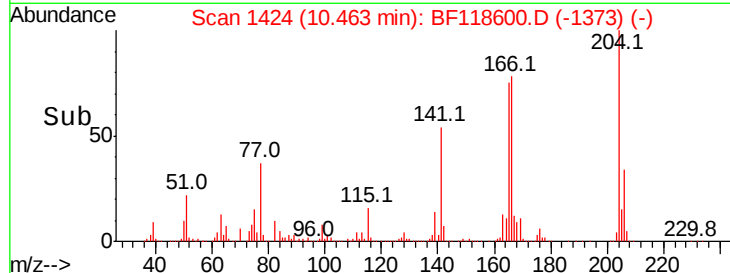
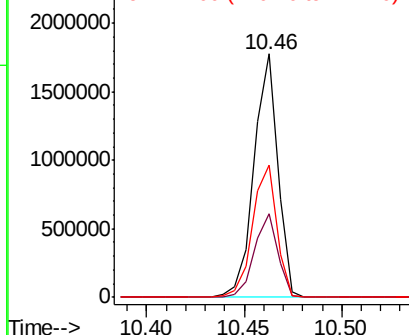
#61
4-Chlorophenyl-phenylether
Concen: 44.904 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1505459
Ion Ratio Lower Upper
204 100
206 34.5 27.8 41.6
141 54.5 43.7 65.5

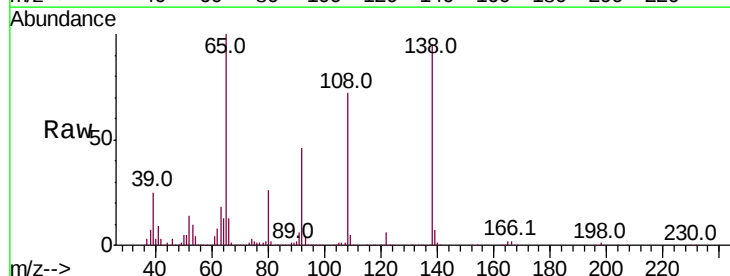


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

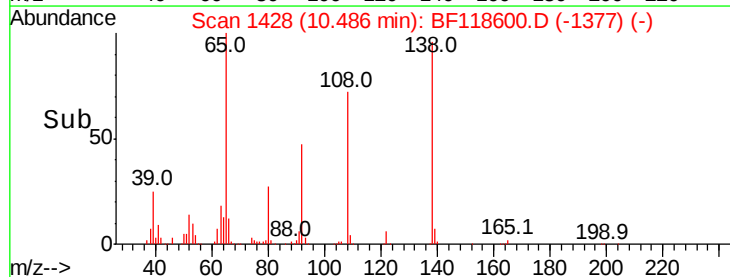
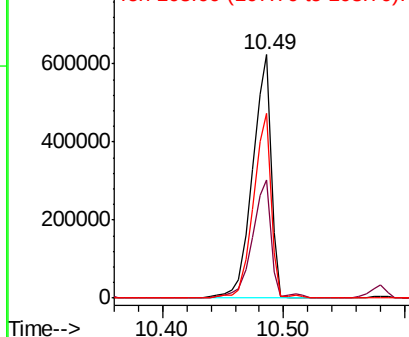


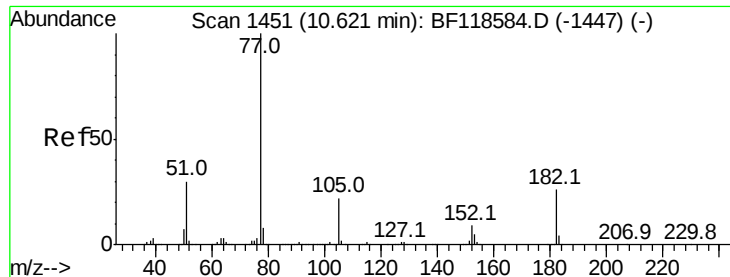
#62
4-Nitroaniline
Concen: 38.172 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:138 Resp: 676332
Ion Ratio Lower Upper
138 100
92 48.7 29.4 69.4
108 76.0 58.2 98.2



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

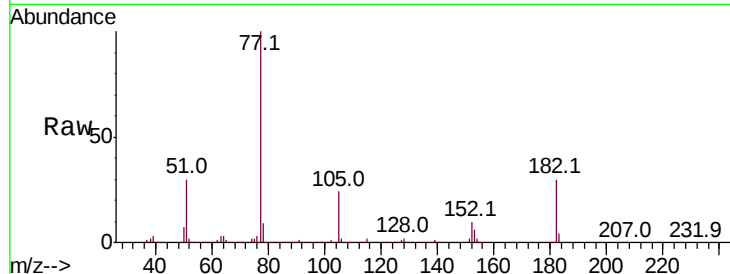




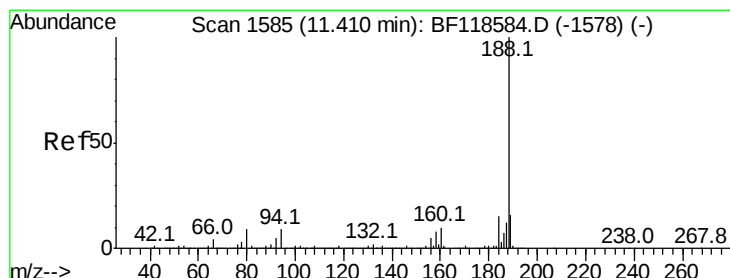
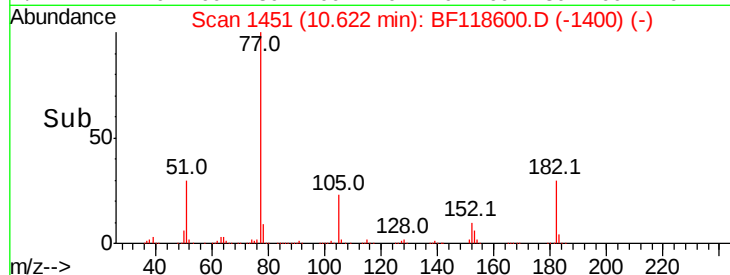
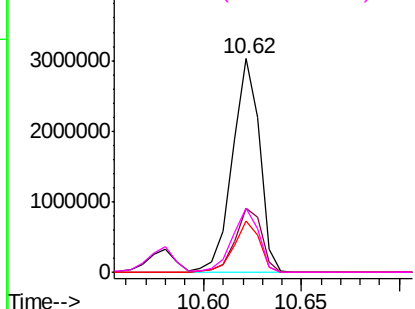
#63
Azobenzene
Concen: 45.756 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2902454
Ion Ratio Lower Upper
77 100
182 30.1 5.6 45.6
105 23.7 2.0 42.0
51 29.8 10.2 50.2

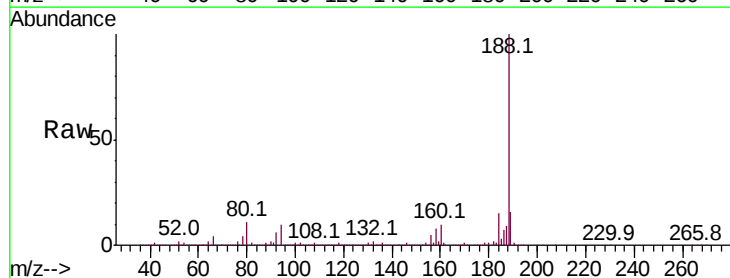


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

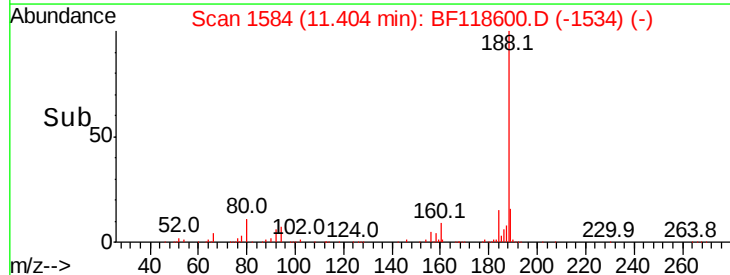
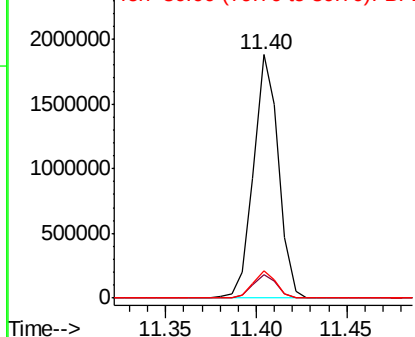


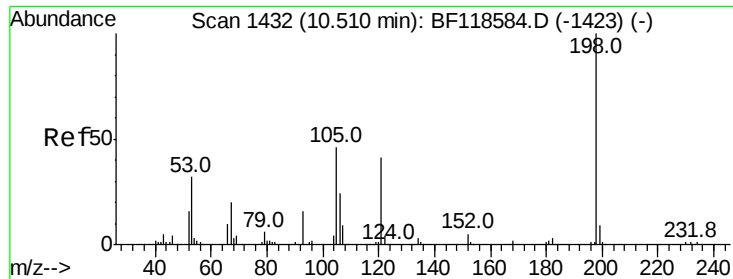
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion: 188 Resp: 1794958
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 11.0 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

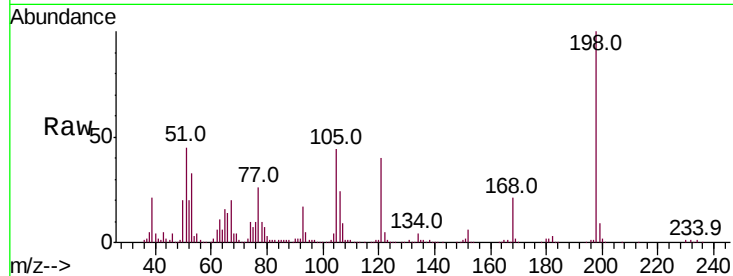




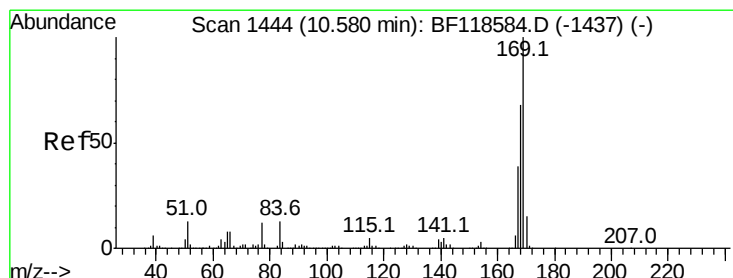
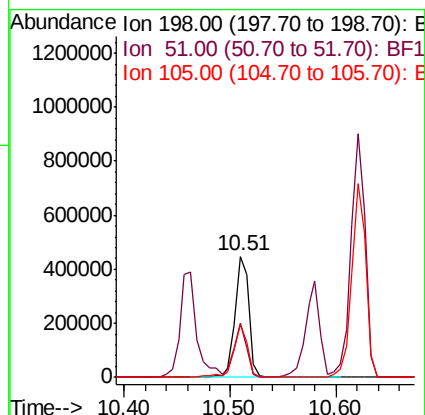
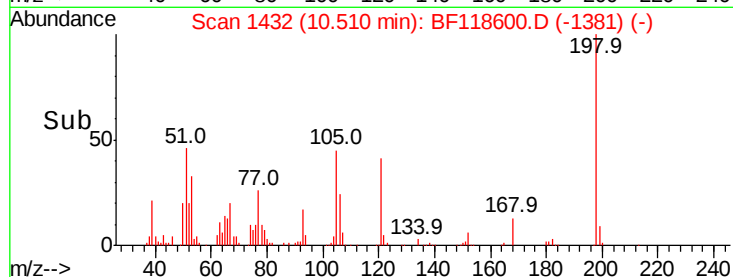
#65
4,6-Dinitro-2-methylphenol
Concen: 50.535 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 398863
Ion Ratio Lower Upper
198 100
51 44.7 25.2 65.2
105 43.9 26.3 66.3

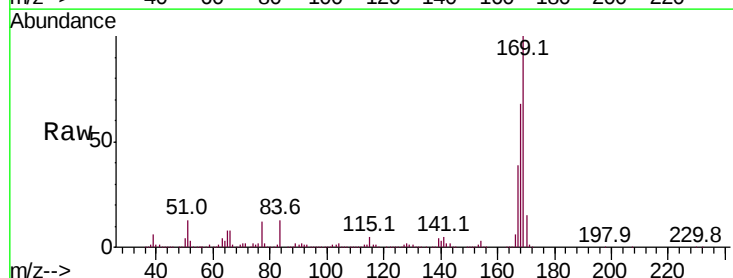


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

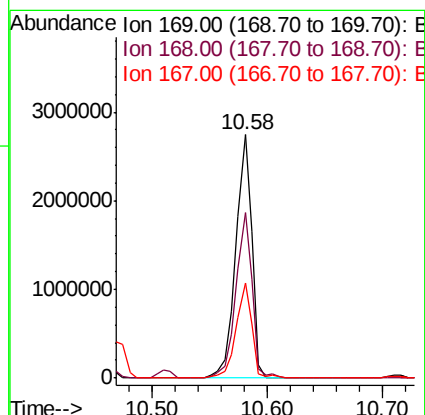
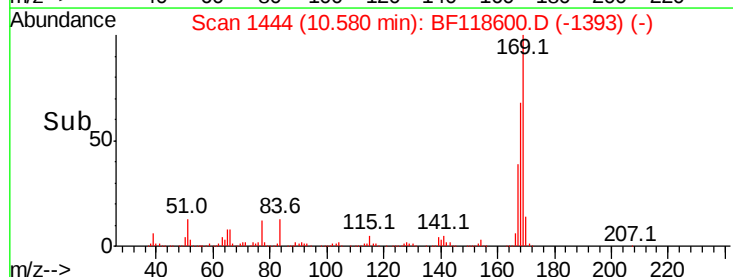


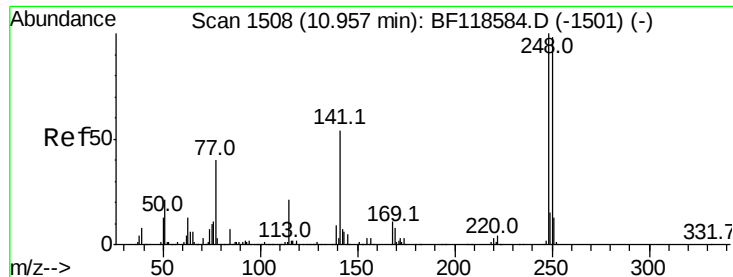
#66
n-Nitrosodiphenylamine
Concen: 48.643 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:169 Resp: 2633128
Ion Ratio Lower Upper
169 100
168 67.7 54.6 82.0
167 39.0 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

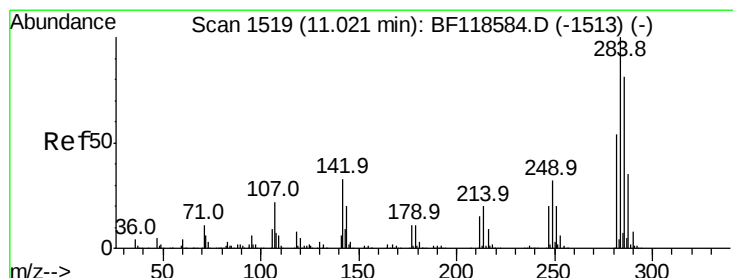
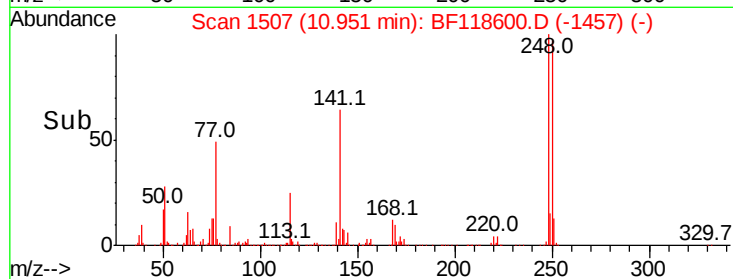
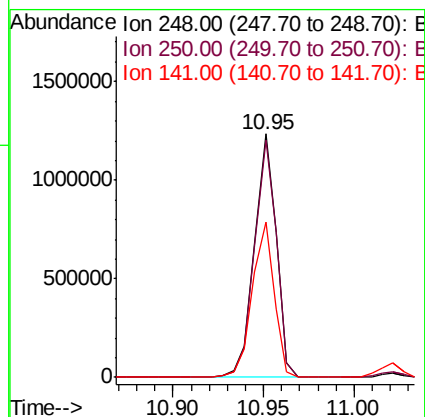
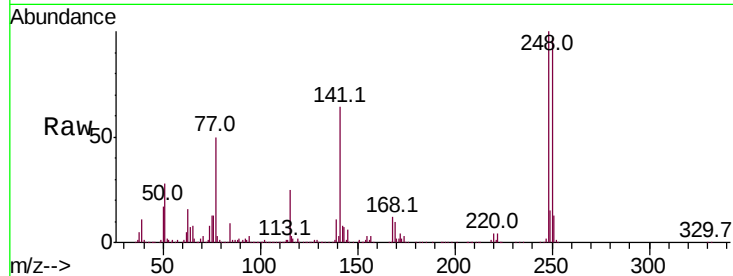




#67
4-Bromophenyl-phenylether
Concen: 46.667 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

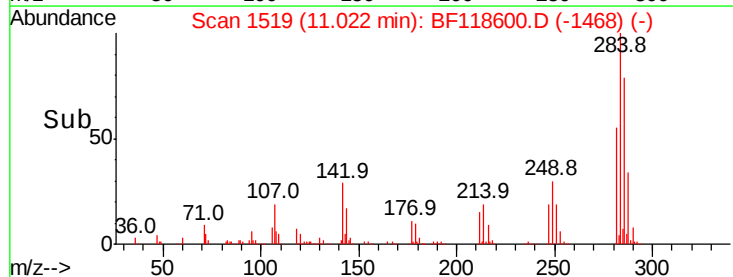
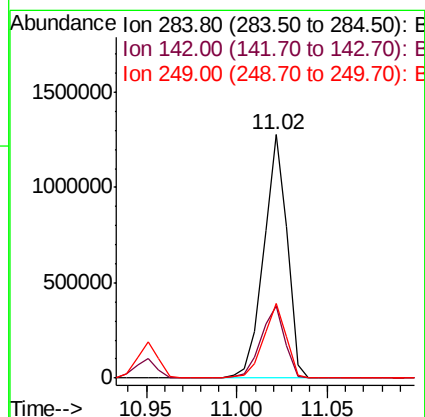
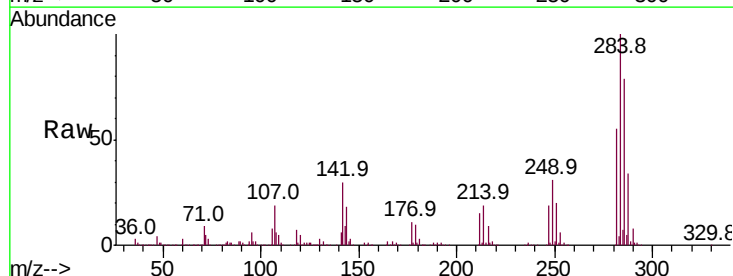
Instrument :
BNA_F
ClientSampleId :

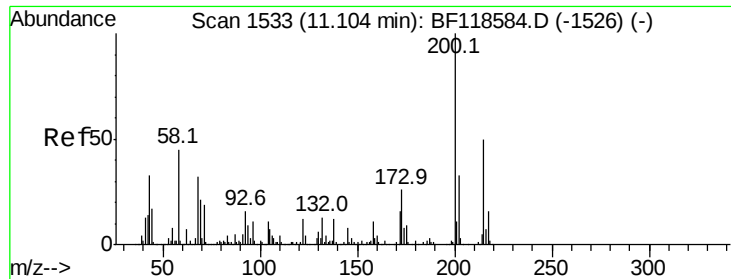
Tot Ion:248 Resp: 1034892
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 63.9 43.2 64.8



#68
Hexachlorobenzene
Concen: 45.483 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:284 Resp: 1143520
Ion Ratio Lower Upper
284 100
142 29.8 26.6 39.8
249 30.7 25.2 37.8

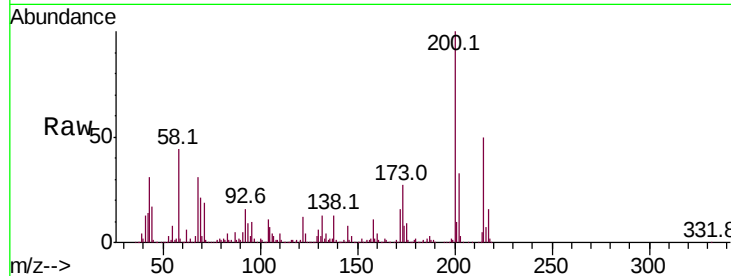




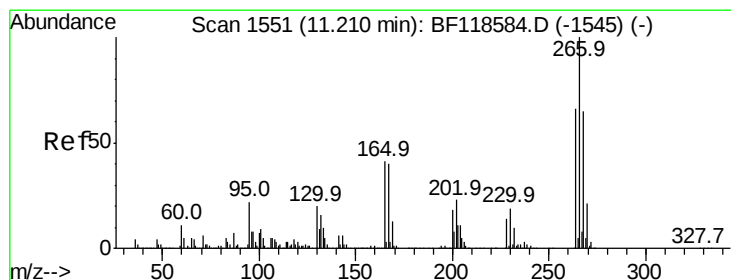
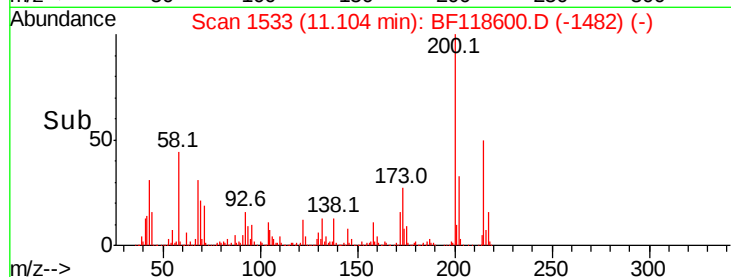
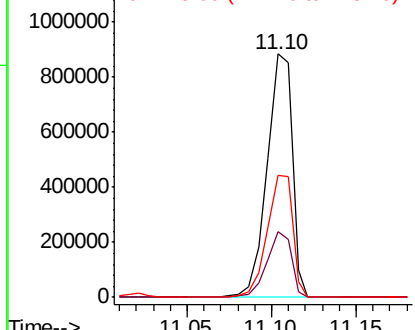
#69
Atrazine
Concen: 48.697 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 913669
Ion Ratio Lower Upper
200 100
173 27.0 6.3 46.3
215 50.2 30.2 70.2

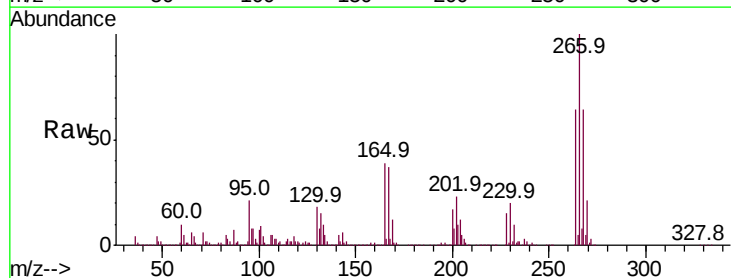


Abundance Ion 200.00 (199.70 to 200.70): E
1200000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

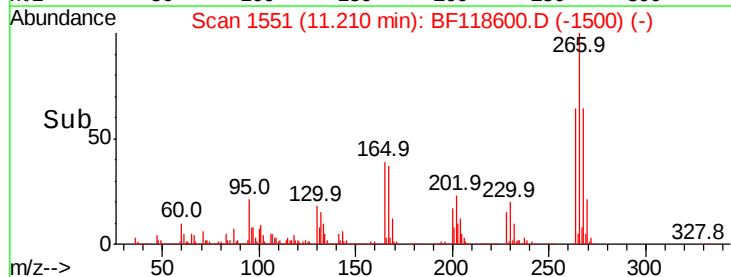
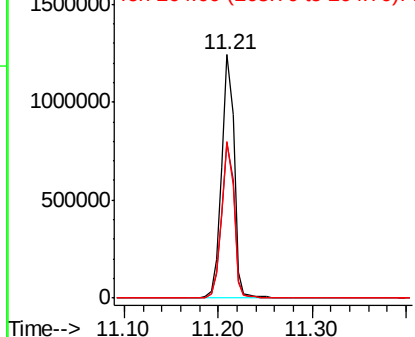


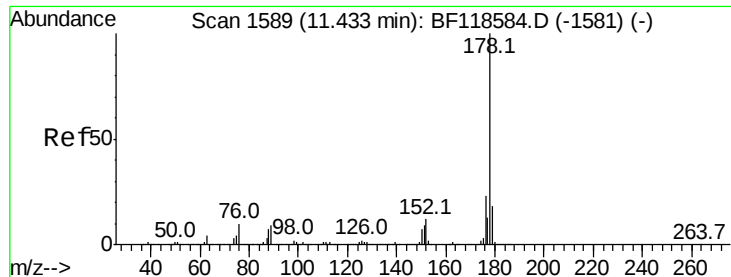
#70
Pentachlorophenol
Concen: 83.895 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:266 Resp: 1172724
Ion Ratio Lower Upper
266 100
268 63.6 52.1 78.1
264 64.1 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E
1500000
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.754 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

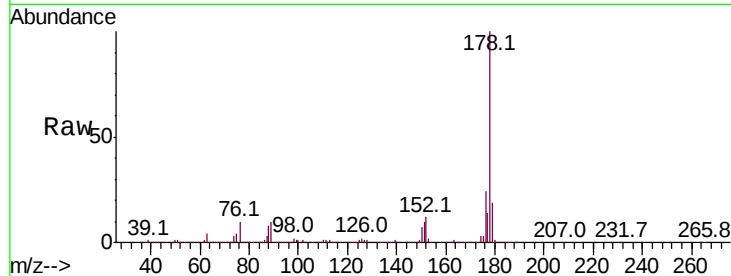
Tot Ion:178 Resp: 3875546

Ion Ratio Lower Upper

178 100

176 24.0 18.6 27.8

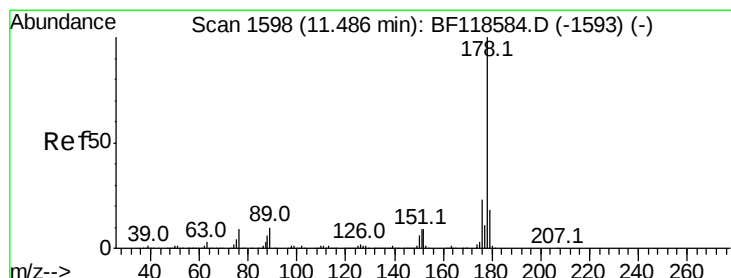
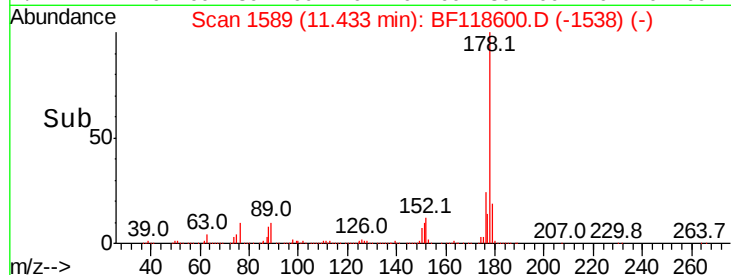
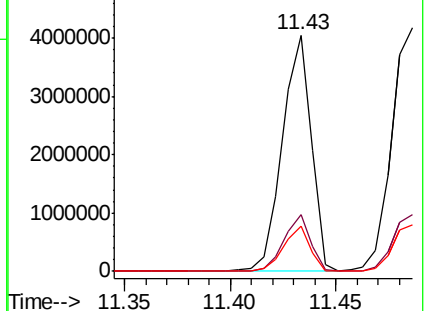
179 19.0 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.212 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

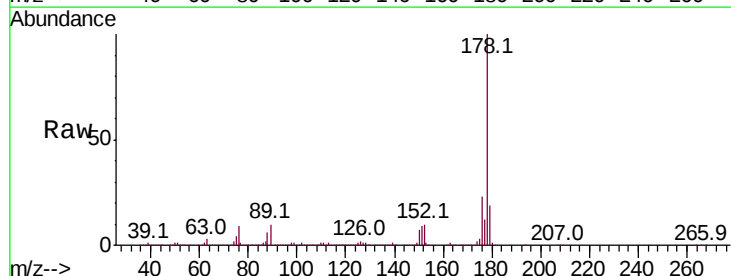
Tgt Ion:178 Resp: 3959730

Ion Ratio Lower Upper

178 100

176 23.4 18.0 27.0

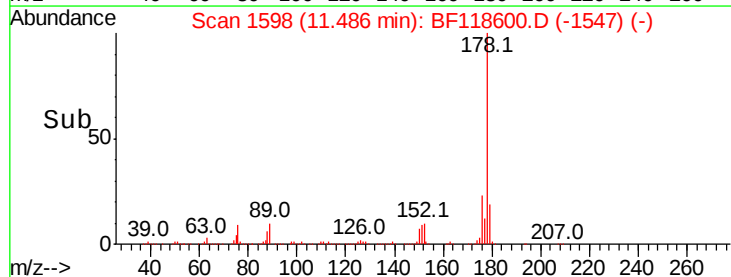
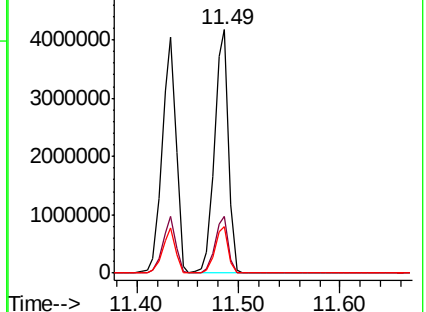
179 18.9 14.7 22.1

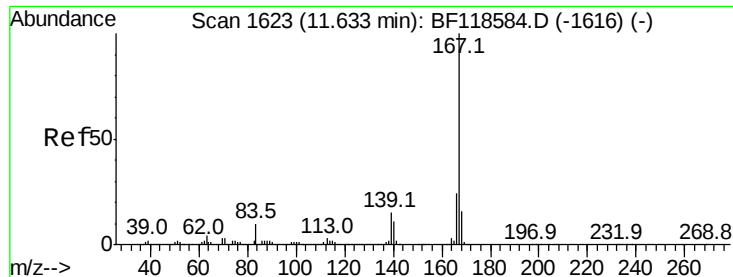


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

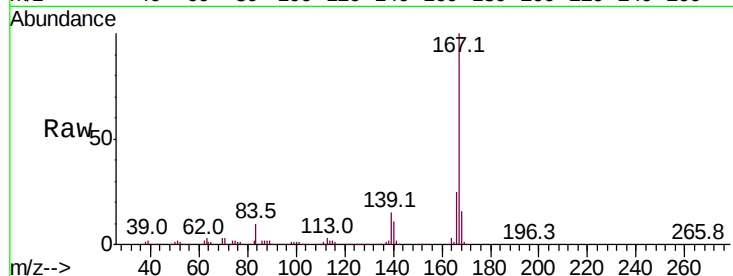




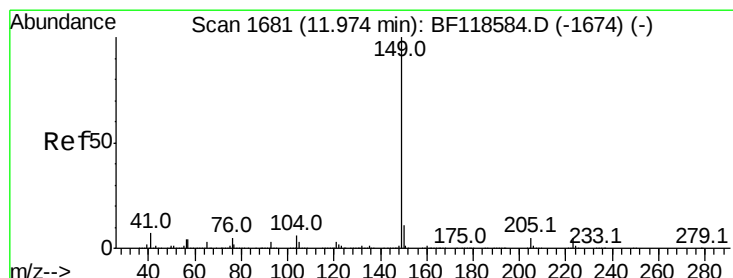
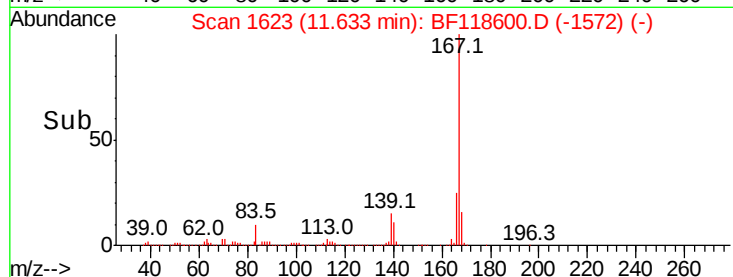
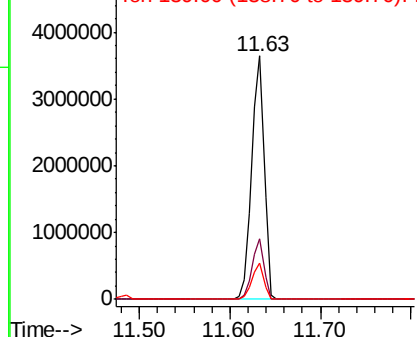
#73
 Carbazole
 Concen: 43.919 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 3451792
 Ion Ratio Lower Upper
 167 100
 166 25.0 19.4 29.2
 139 14.8 11.7 17.5

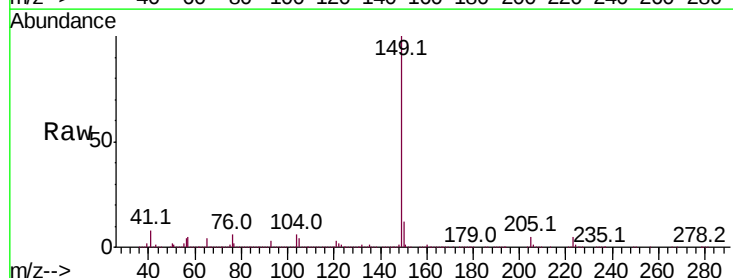


Abundance Ion 167.00 (166.70 to 167.70): E
 5000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

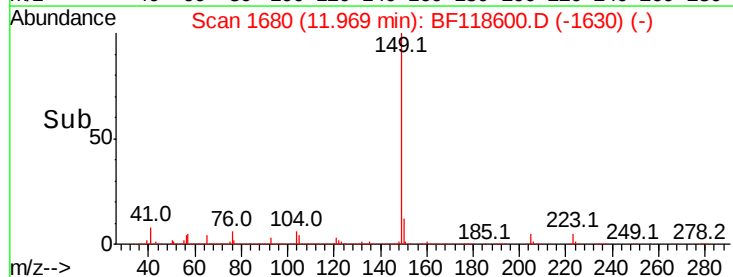
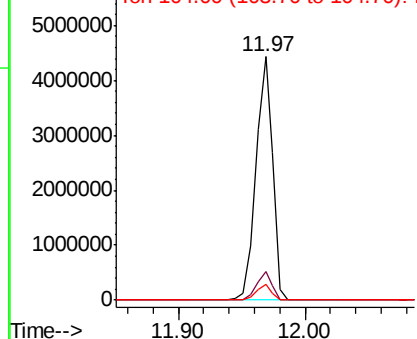


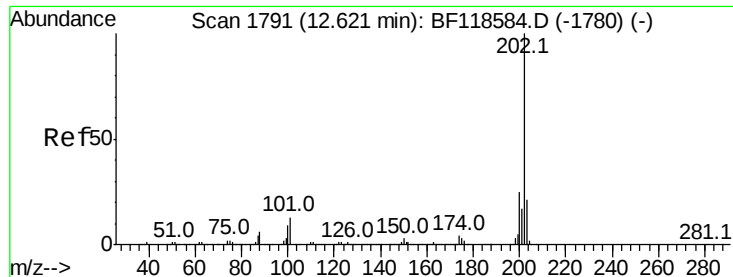
#74
 Di-n-butylphthalate
 Concen: 46.800 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118600.D
 Acq: 20 Jan 2020 19:28

Tgt Ion:149 Resp: 4086643
 Ion Ratio Lower Upper
 149 100
 150 12.0 8.7 13.1
 104 6.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 6000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.912 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

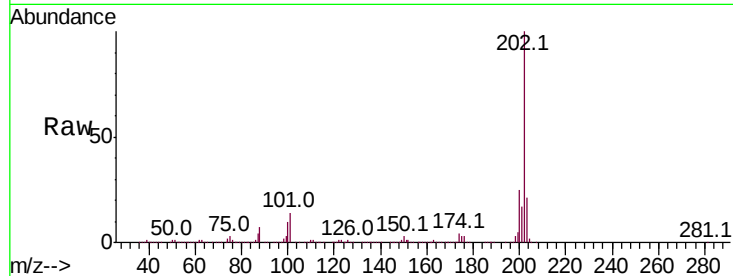
Tot Ion:202 Resp: 3919321

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.5

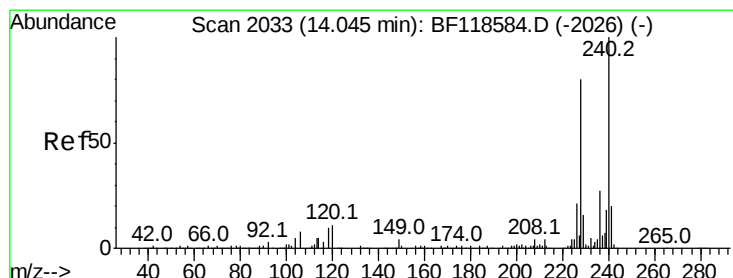
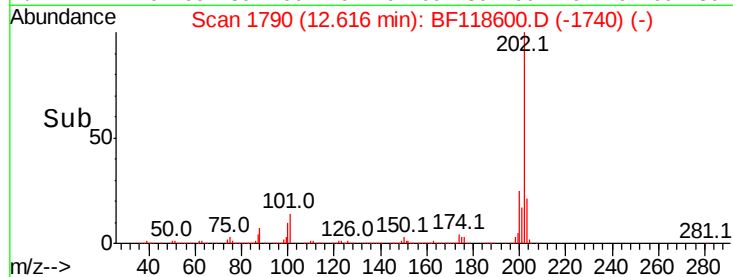
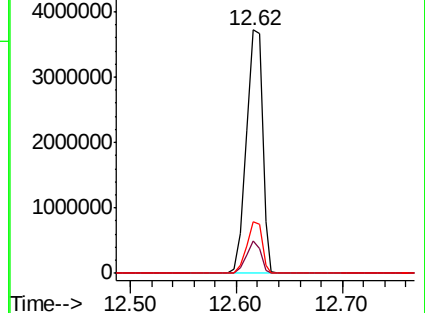
203 21.1 0.8 40.8



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: BF118600.D

Acq: 20 Jan 2020 19:28

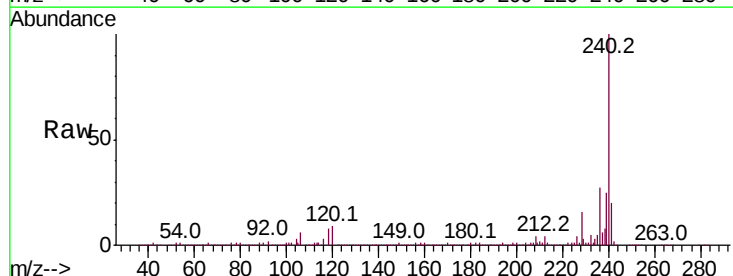
Tgt Ion:240 Resp: 1078067

Ion Ratio Lower Upper

240 100

120 8.8 8.9 13.3#

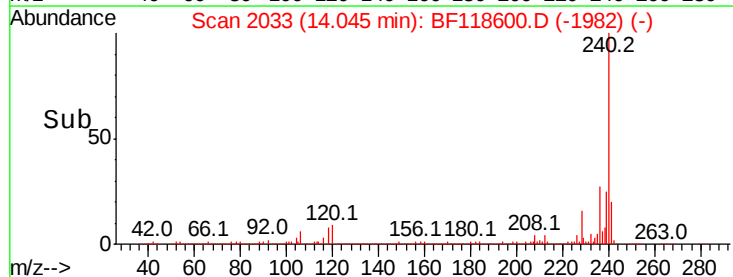
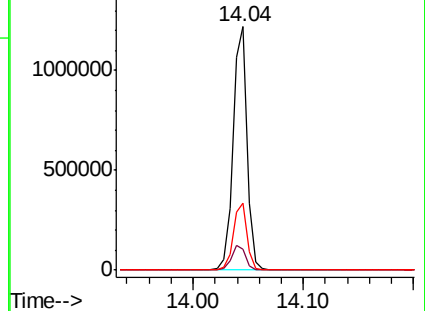
236 27.3 21.5 32.3

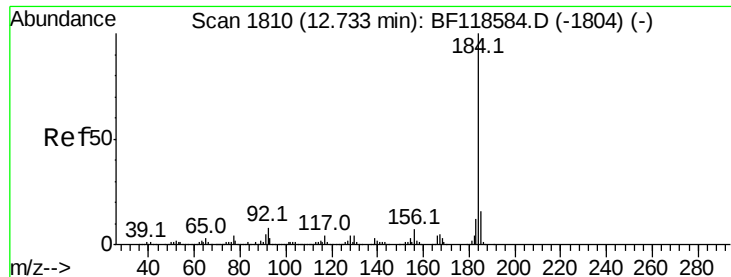


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.799 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

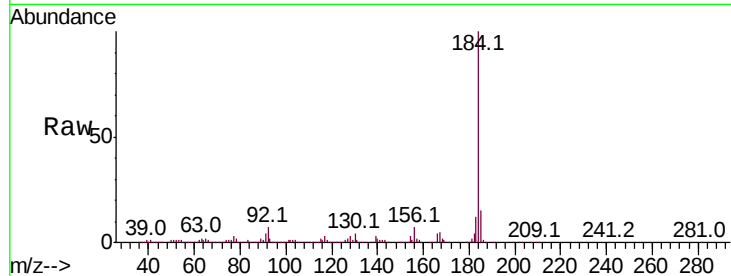
Tot Ion:184 Resp: 1376865

Ion Ratio Lower Upper

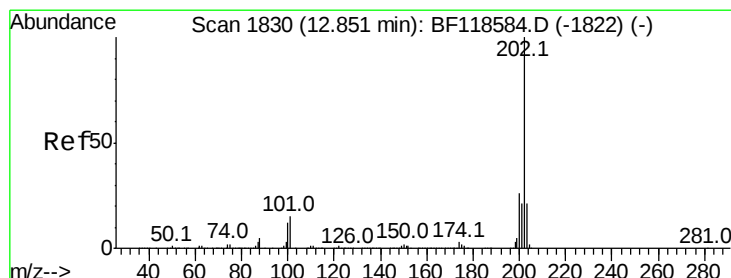
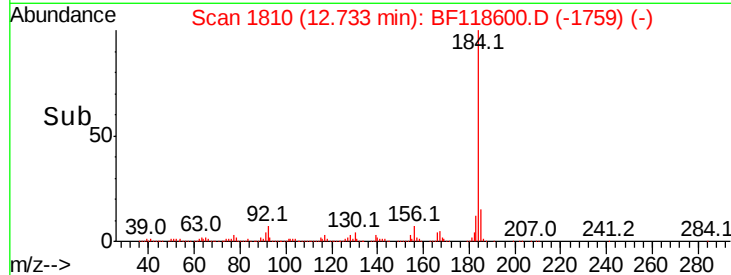
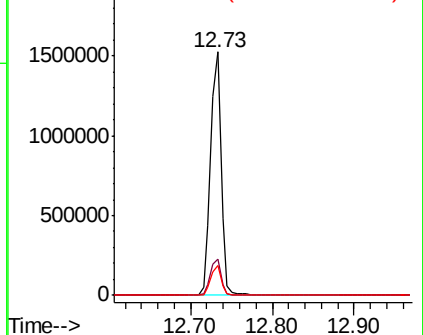
184 100

185 15.1 12.9 19.3

183 12.2 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: 53.629 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

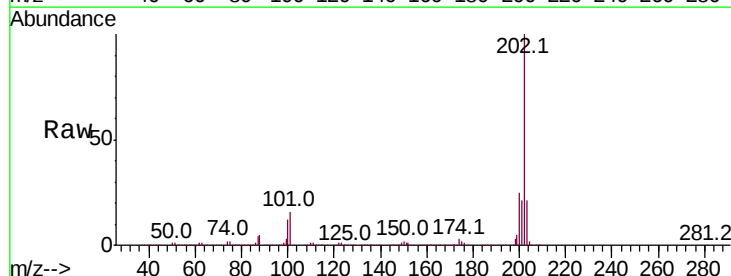
Tgt Ion:202 Resp: 3925189

Ion Ratio Lower Upper

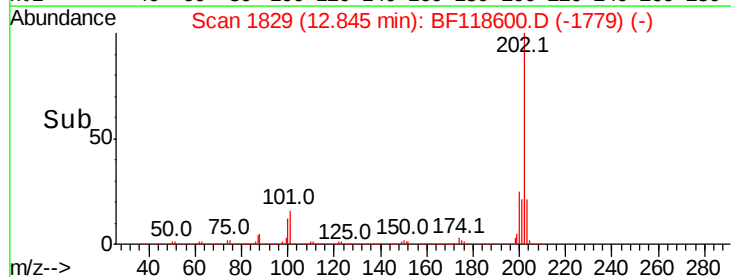
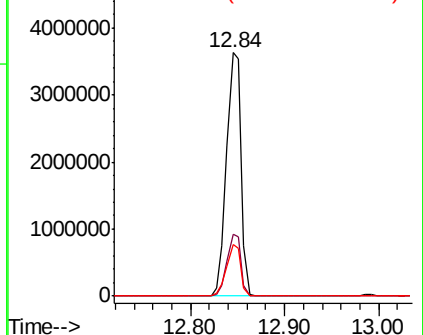
202 100

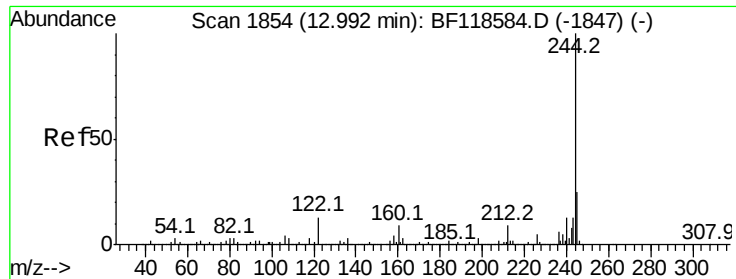
200 25.4 20.6 31.0

203 21.0 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: 112.832 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

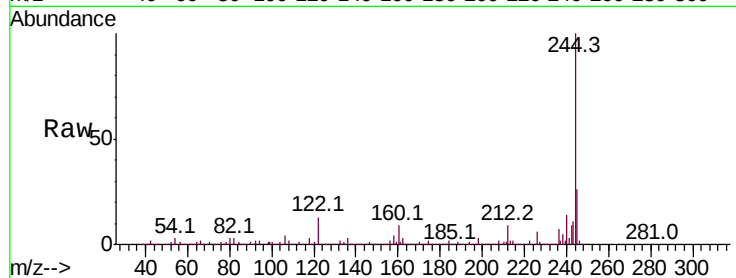
Tot Ion:244 Resp: 5577023

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

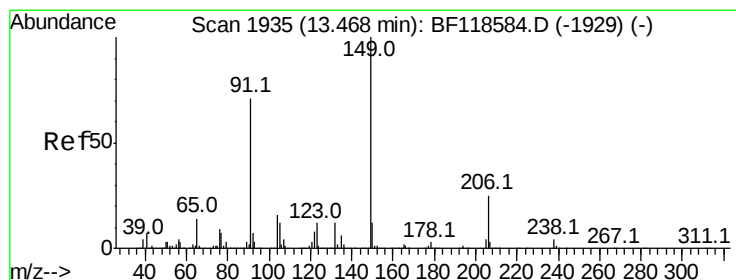
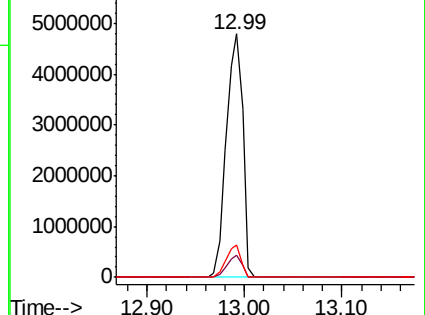
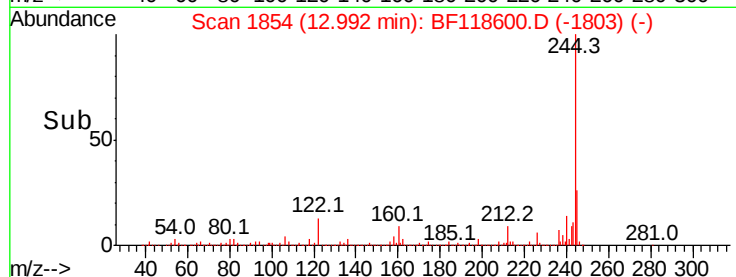
122 13.1 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.234 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

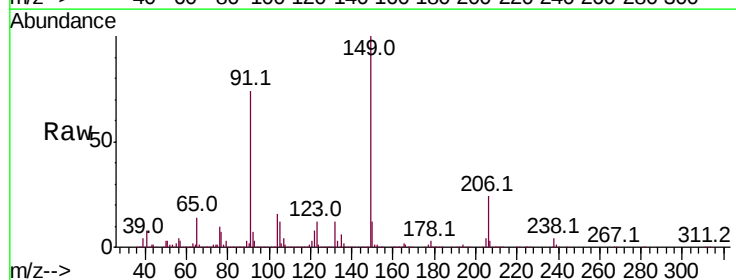
Tgt Ion:149 Resp: 1624542

Ion Ratio Lower Upper

149 100

91 74.1 56.5 84.7

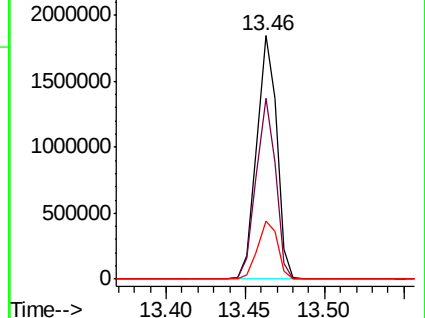
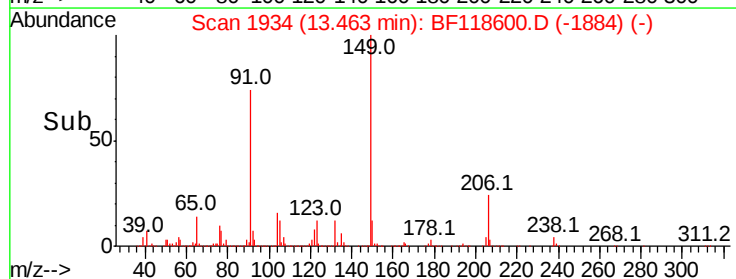
206 24.0 19.9 29.9

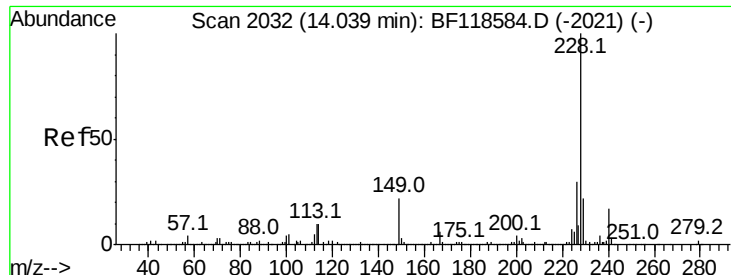


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

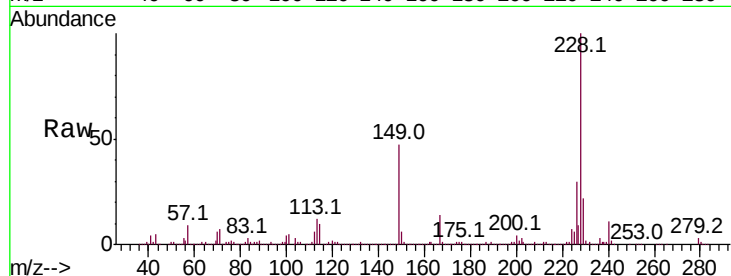




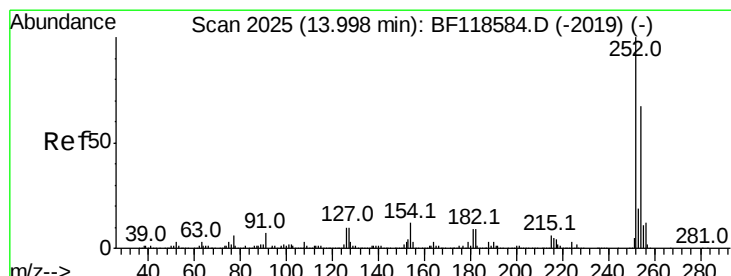
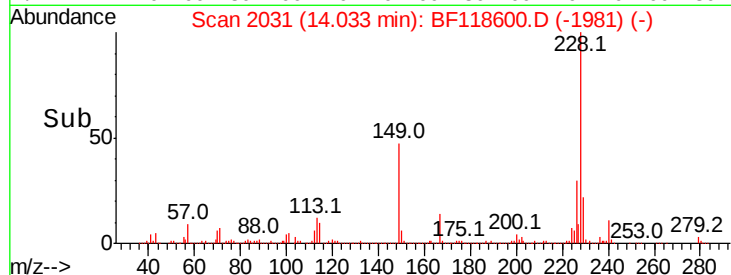
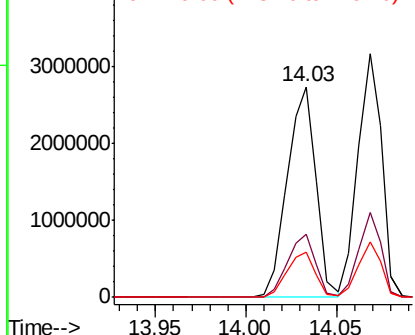
#81
Benzo(a)anthracene
Concen: 46.709 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 3029137
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 21.7 17.6 26.4

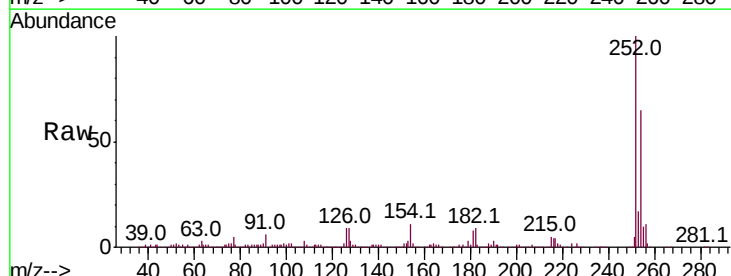


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

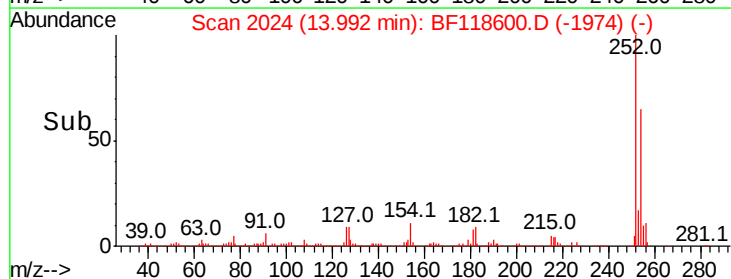
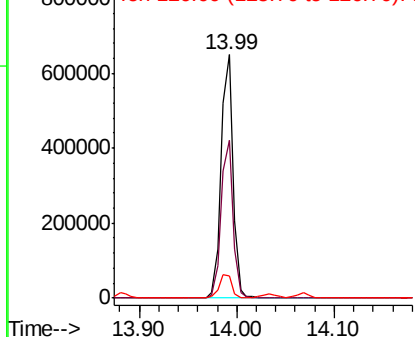


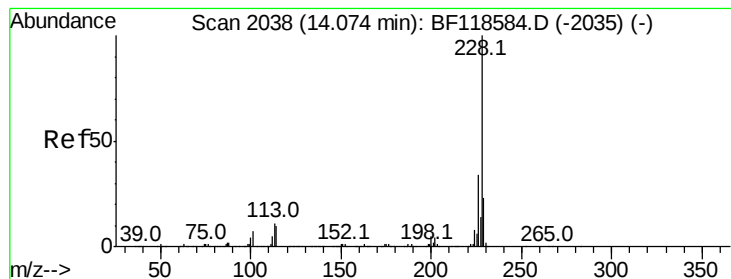
#82
3,3'-Dichlorobenzidine
Concen: 23.997 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:252 Resp: 554535
Ion Ratio Lower Upper
252 100
254 64.6 53.4 80.2
126 9.0 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: 46.785 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

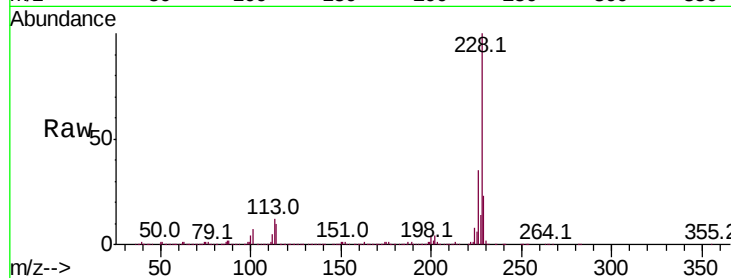
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2907857

Ion	Ratio	Lower	Upper
228	100		
226	34.9	27.4	41.0
229	22.7	18.3	27.5

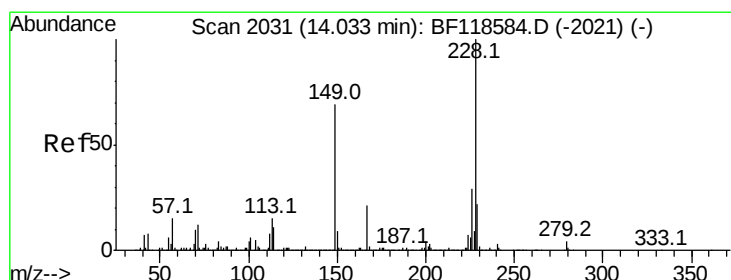
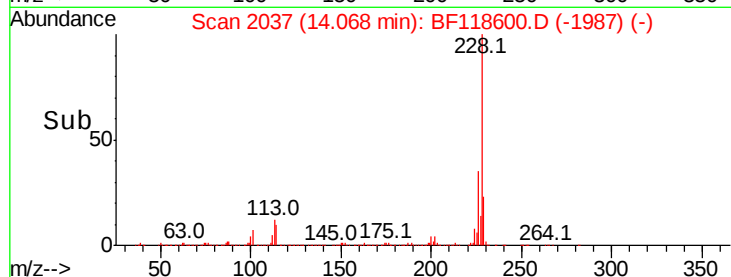
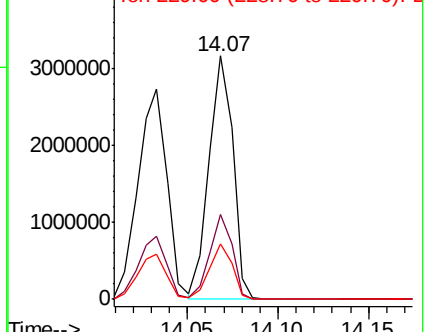


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.985 ng

RT: 14.03 min Scan# 2030

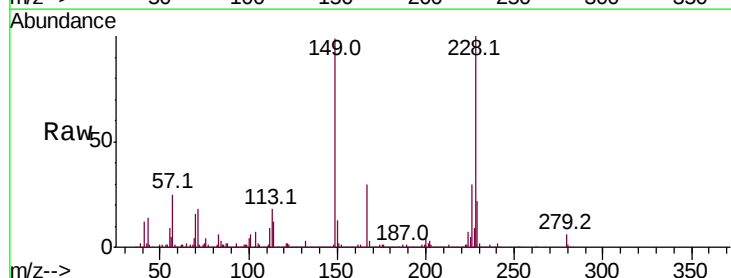
Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Tgt Ion:149 Resp: 2122004

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.2	36.4
279	6.0	5.0	7.4

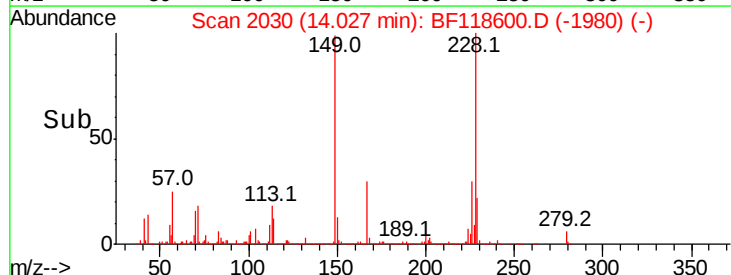
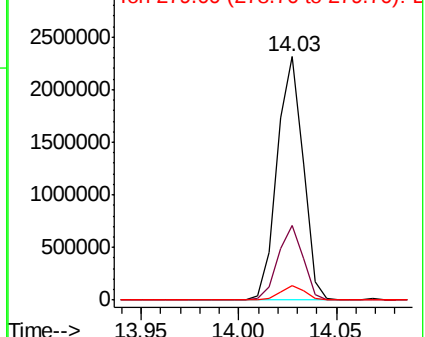


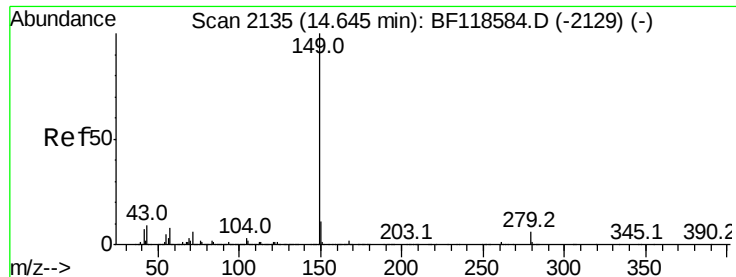
Abundance

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: 57.747 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

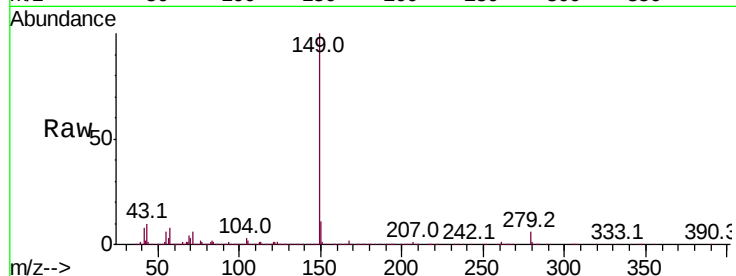
Tot Ion:149 Resp: 3128058

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

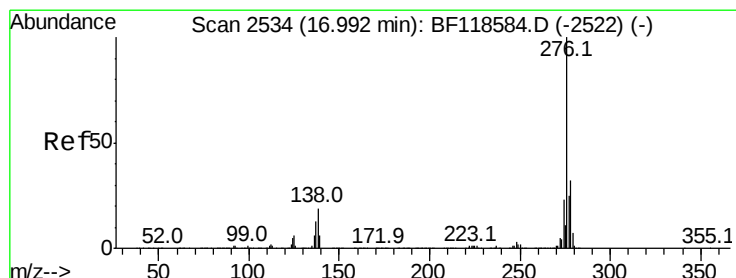
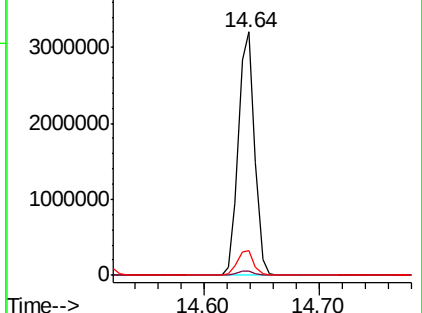
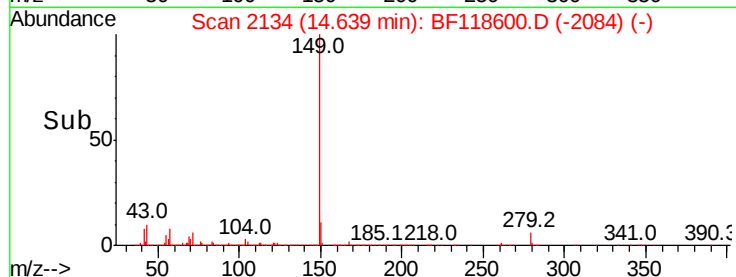
43 10.1 8.1 12.1



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: 65.587 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

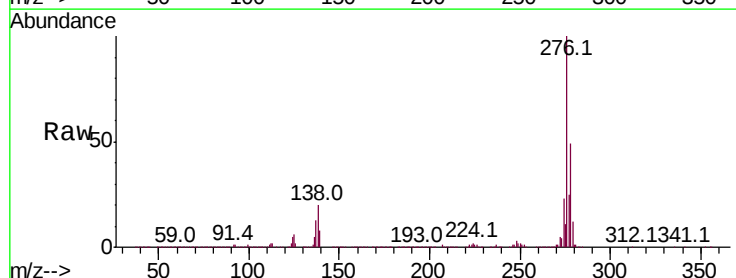
Tgt Ion:276 Resp: 3542043

Ion Ratio Lower Upper

276 100

138 21.9 17.2 25.8

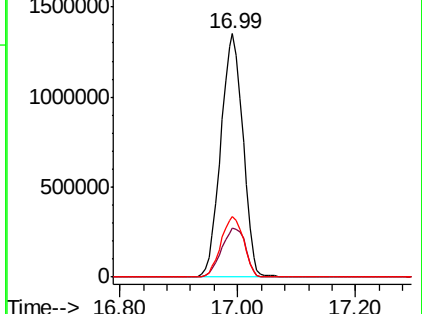
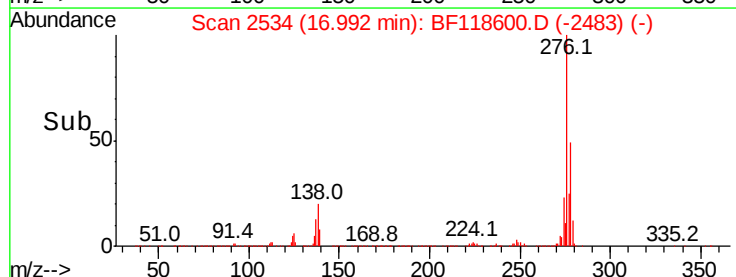
277 25.6 20.5 30.7

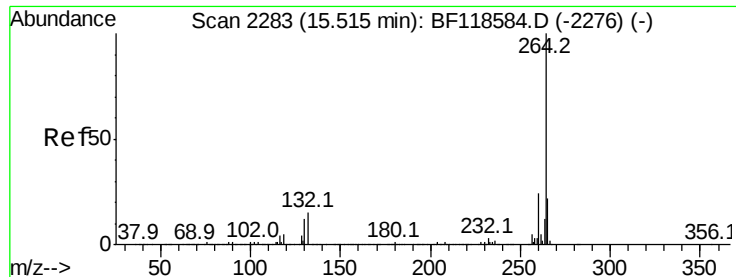


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

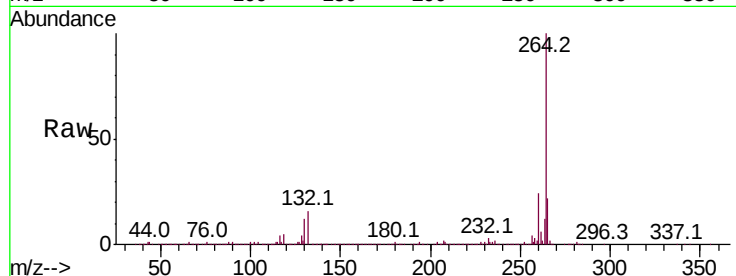
Tot Ion:264 Resp: 1110727

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.1	17.7	26.5

264 100

260 24.4 19.6 29.4

265 22.1 17.7 26.5

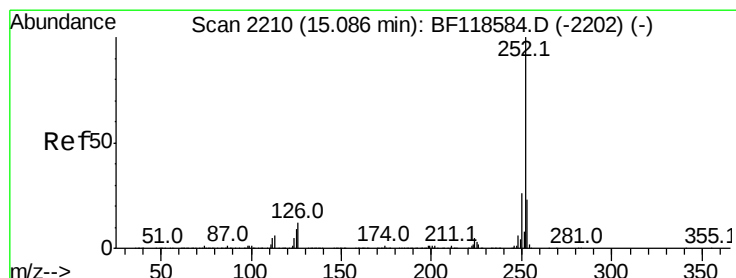
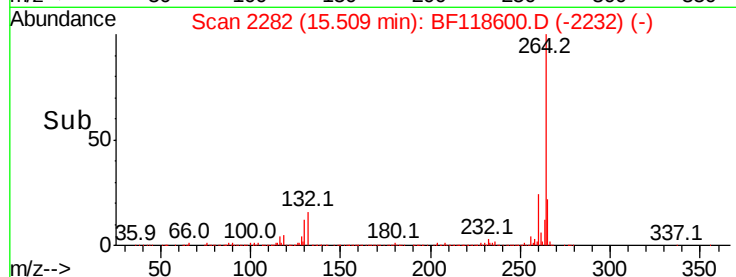
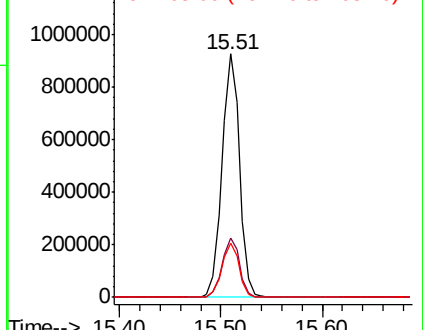


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.344 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

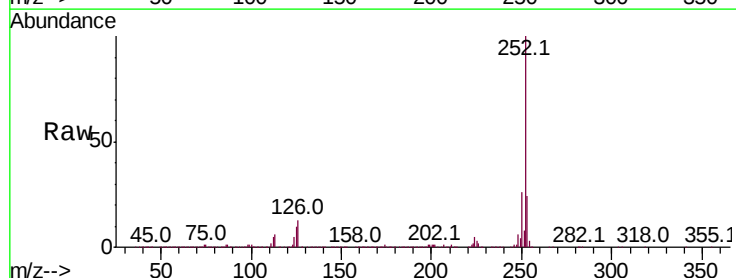
Tgt Ion:252 Resp: 2956365

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	9.6	7.3	10.9

252 100

253 23.9 18.7 28.1

125 9.6 7.3 10.9

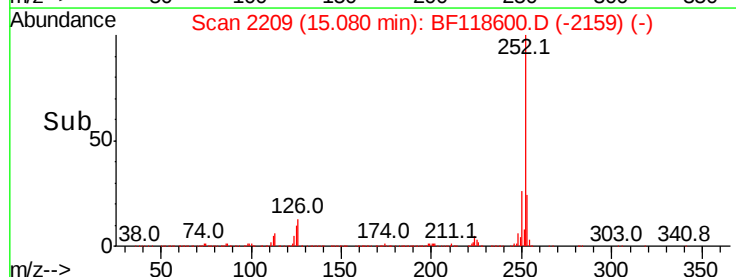
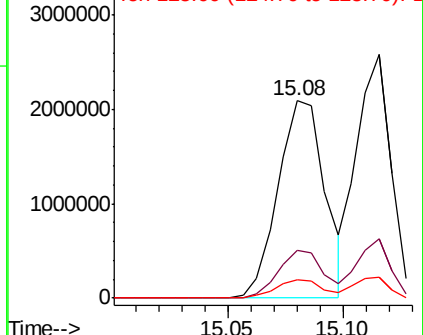


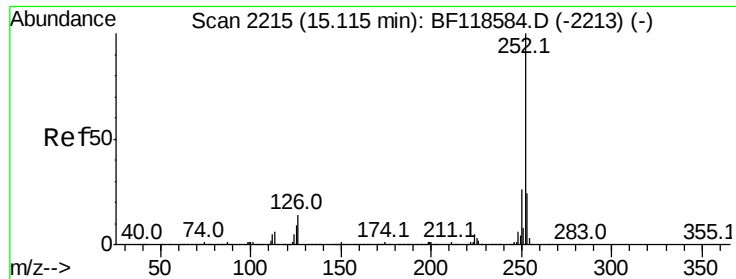
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

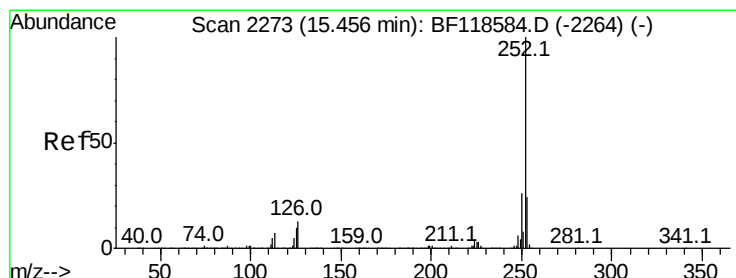
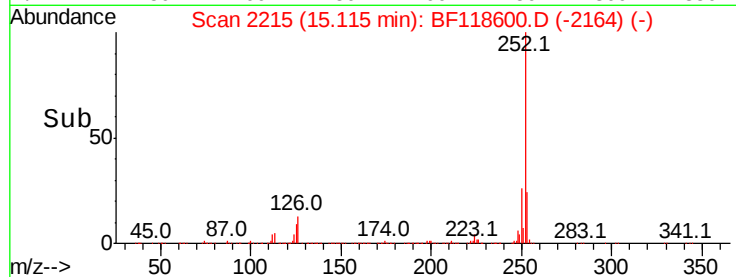
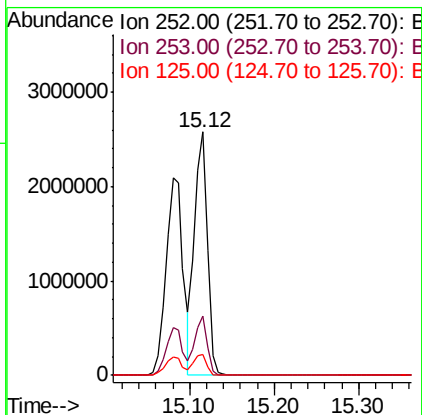
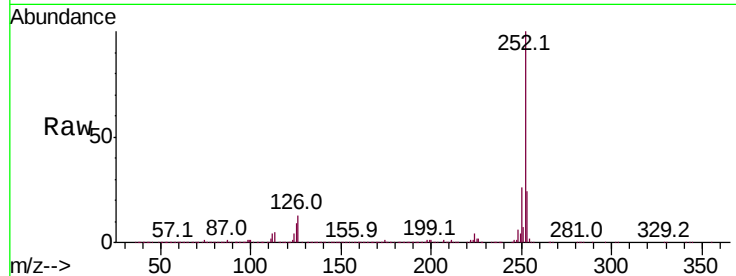




#89
Benzo(k)fluoranthene
Concen: 41.419 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

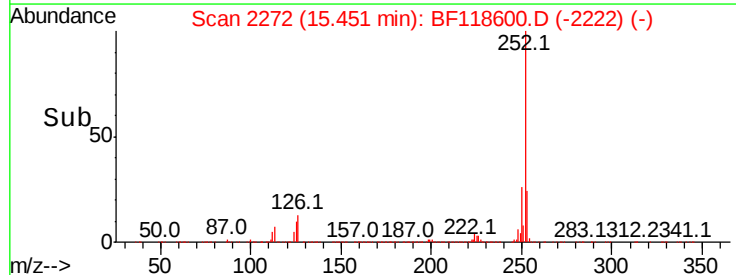
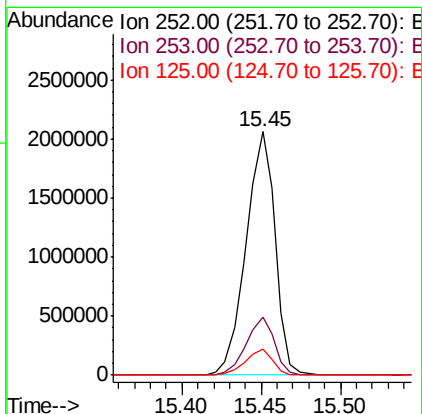
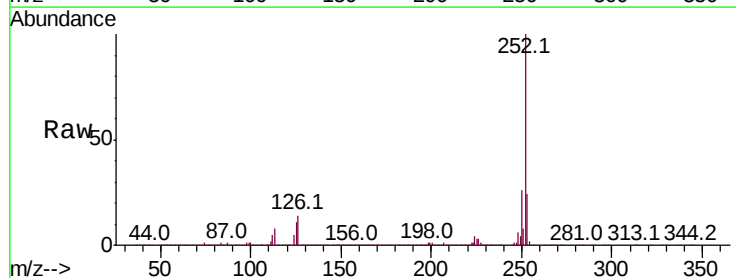
Instrument :
BNA_F
ClientSampleId :

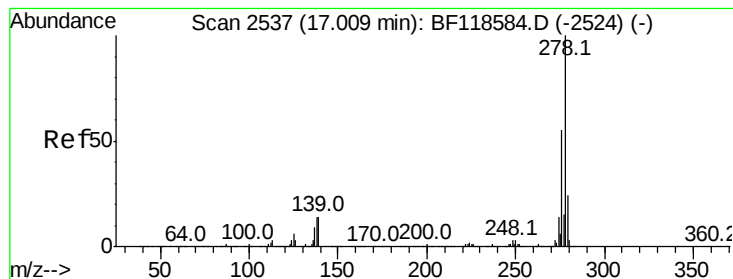
Tot Ion:252 Resp: 2679068
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.4
125 8.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 43.500 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118600.D
Acq: 20 Jan 2020 19:28

Tgt Ion:252 Resp: 2619869
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 10.5 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.195 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

Instrument :

BNA_F

ClientSampleId :

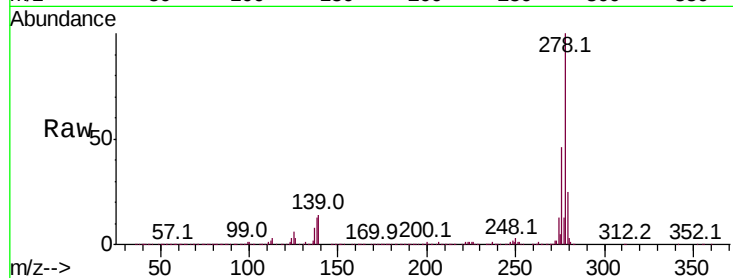
Tot Ion:278 Resp: 2940484

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.4	17.0
279	25.2	19.0	28.6

278 100

139 14.2 11.4 17.0

279 25.2 19.0 28.6

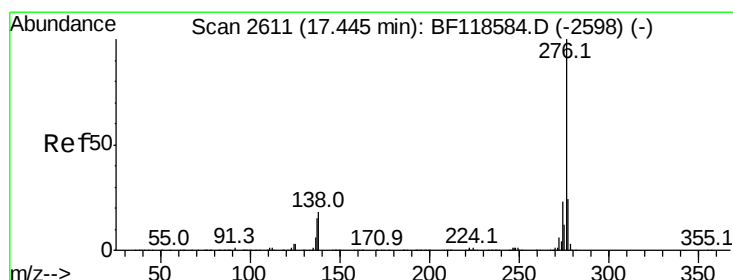
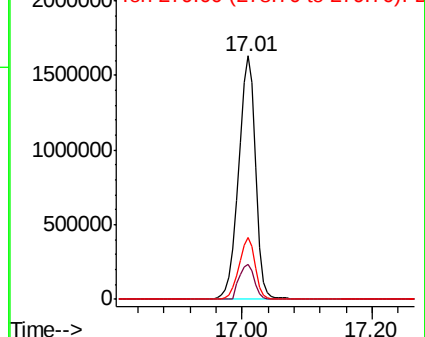
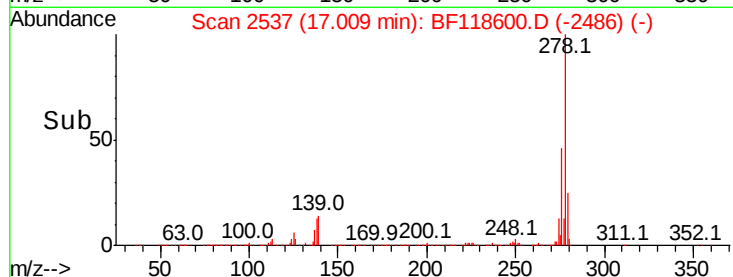


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.130 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118600.D

Acq: 20 Jan 2020 19:28

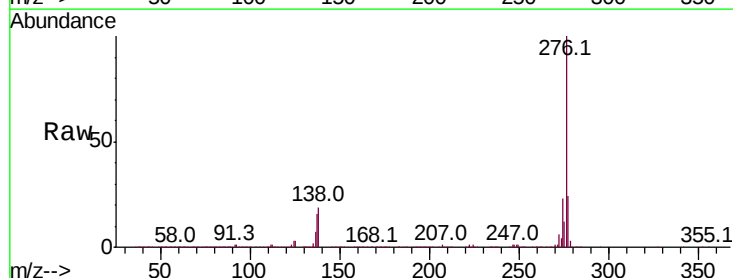
Tgt Ion:276 Resp: 2955093

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	19.1	14.4	21.6

276 100

277 24.1 18.9 28.3

138 19.1 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

