

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118590.D
 Acq On : 20 Jan 2020 14:38
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012020

Quant Time: Jan 20 15:38:58 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	442109	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1613664	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	925583	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1695035	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1396587	20.00	ng	0.00
87) Perylene-d12	15.52	264	1245301	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1992190	83.69	ng	0.00
7) Phenol-d6	6.50	99	2596632	83.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	2456278	85.14	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	918805	85.83	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4282630	76.05	ng	0.00
79) Terphenyl-d14	12.99	244	5073501	79.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	479254	41.567	ng	98
3) Pyridine	3.42	79	1332835	41.014	ng	99
4) n-Nitrosodimethylamine	3.36	42	575842	41.332	ng	95
6) Aniline	6.55	93	1677072	41.165	ng	99
8) 2-Chlorophenol	6.67	128	1113159	41.662	ng	99
9) Benzaldehyde	6.43	77	798554	42.440	ng	99
10) Phenol	6.52	94	1494488	42.385	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1094985	41.857	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1306450	41.775	ng	100
13) 1,4-Dichlorobenzene	6.90	146	1327580	42.289	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1266159	42.905	ng	99
15) Benzyl Alcohol	7.02	79	1037930	42.303	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1512184	41.500	ng	99
17) 2-Methylphenol	7.13	107	923363	41.488	ng	99
18) Hexachloroethane	7.40	117	479379	42.113	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	872486	41.763	ng	99
20) 3+4-Methylphenols	7.28	107	1164612	42.860	ng	# 83
22) Acetophenone	7.29	105	1625769	42.530	ng	98
24) Nitrobenzene	7.46	77	1250730	42.341	ng	98
25) Isophorone	7.70	82	2156934	40.991	ng	100
26) 2-Nitrophenol	7.78	139	543997	43.184	ng	99
27) 2,4-Dimethylphenol	7.82	122	872324	40.102	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1404938	41.437	ng	99
29) 2,4-Dichlorophenol	8.02	162	1001716	41.657	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1159582	41.590	ng	99
31) Naphthalene	8.19	128	3121688	42.825	ng	100
32) Benzoic acid	7.93	122	708397	43.392	ng	99
33) 4-Chloroaniline	8.23	127	1415666	42.018	ng	99
34) Hexachlorobutadiene	8.31	225	708404	41.722	ng	98
35) Caprolactam	8.60	113	312820	39.752	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	993526	41.840	ng	99
37) 2-Methylnaphthalene	8.88	142	2192713	42.616	ng	99
38) 1-Methylnaphthalene	8.98	142	2093570	42.828	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1215229	41.961	ng	99

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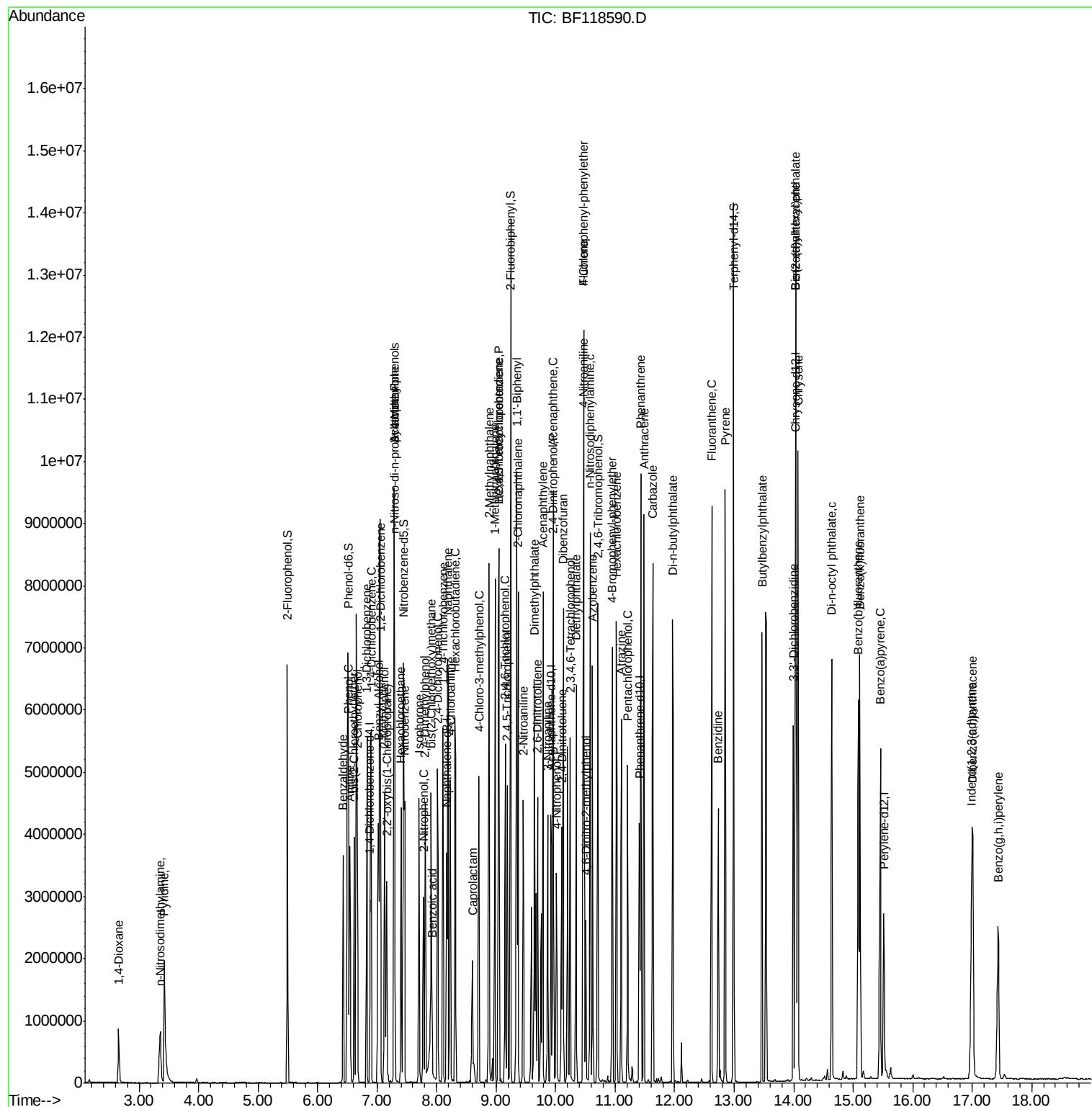
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	592805	40.571	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	786814	40.942	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	803318	40.929	nq	98
46) 1,1'-Biphenyl	9.35	154	2693956	42.231	nq	100
47) 2-Chloronaphthalene	9.37	162	2261989	42.070	nq	99
48) 2-Nitroaniline	9.46	65	701598	42.449	nq	98
49) Acenaphthylene	9.79	152	3192007	42.200	nq	100
50) Dimethylphthalate	9.65	163	2528459	41.929	nq	100
51) 2,6-Dinitrotoluene	9.70	165	576800	42.715	nq	97
52) Acenaphthene	9.96	154	2148165	42.471	nq	100
53) 3-Nitroaniline	9.87	138	657125	42.617	nq	99
54) 2,4-Dinitrophenol	9.97	184	234095	43.424	nq	# 78
55) Dibenzofuran	10.13	168	2968707	42.354	nq	100
56) 4-Nitrophenol	10.02	139	497310	42.724	nq	97
57) 2,4-Dinitrotoluene	10.10	165	743118	43.654	nq	99
58) Fluorene	10.47	166	2359027	42.871	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	718298	41.608	nq	99
60) Diethylphthalate	10.34	149	2501964	42.792	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1272552	42.521	nq	99
62) 4-Nitroaniline	10.48	138	669236	42.313	nq	98
63) Azobenzene	10.62	77	2403669	42.449	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	324874	43.587	nq	94
66) n-Nitrosodiphenylamine	10.58	169	2153567	42.129	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	873347	41.704	nq	# 93
68) Hexachlorobenzene	11.02	284	987944	41.611	nq	98
69) Atrazine	11.10	200	743255	41.950	nq	99
70) Pentachlorophenol	11.21	266	560008	42.424	nq	98
71) Phenanthrene	11.43	178	3472928	42.469	nq	99
72) Anthracene	11.49	178	3445978	42.587	nq	100
73) Carbazole	11.63	167	3155383	42.514	nq	99
74) Di-n-butylphthalate	11.97	149	3547160	43.017	nq	98
75) Fluoranthene	12.62	202	3708302	42.995	nq	99
77) Benzidine	12.73	184	1490747	39.950	nq	# 95
78) Pyrene	12.85	202	3756056	39.614	nq	100
80) Butylbenzylphthalate	13.47	149	1599840	41.228	nq	97
81) Benzo(a)anthracene	14.03	228	3488676	41.526	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	1280779	42.784	nq	98
83) Chrysene	14.07	228	3319081	41.222	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	2035374	42.933	nq	99
85) Di-n-octyl phthalate	14.64	149	3230152	46.031	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2774334	39.655	nq	100
88) Benzo(b)fluoranthene	15.09	252	3405252	43.503	nq	98
89) Benzo(k)fluoranthene	15.12	252	2883753	39.765	nq	99
90) Benzo(a)pyrene	15.46	252	2805022	41.541	nq	100
91) Dibenzo(a,h)anthracene	17.01	278	2301289	38.529	nq	99
92) Benzo(g,h,i)perylene	17.44	276	2142384	36.942	nq	97

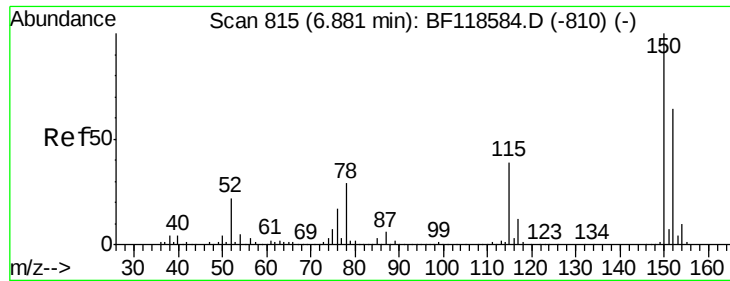
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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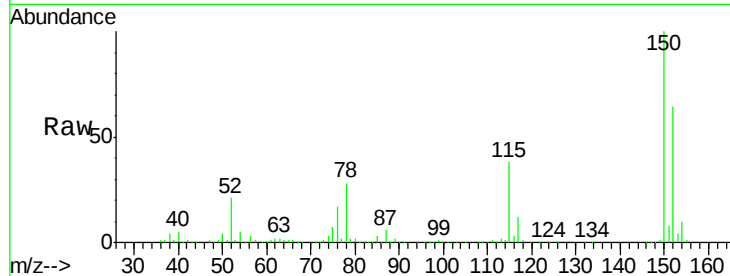


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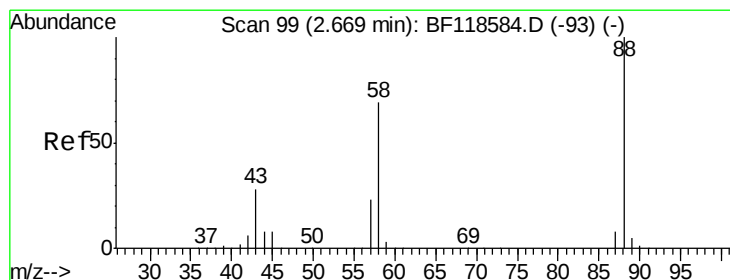
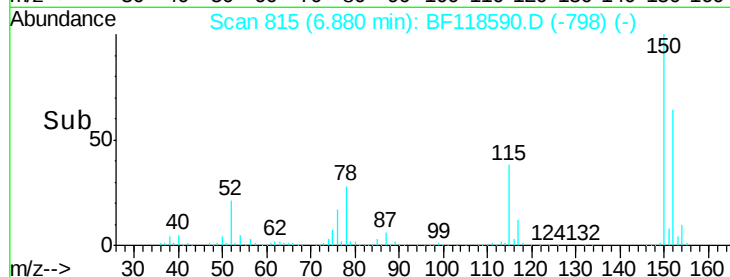
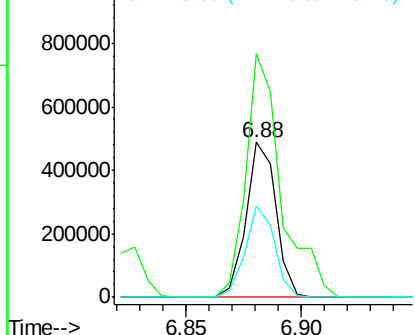
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:152 Resp: 442109
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 59.3 48.4 72.6



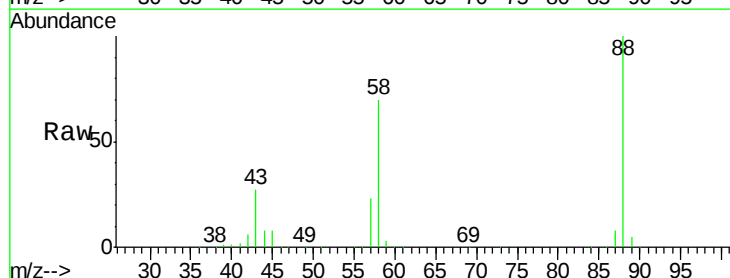
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



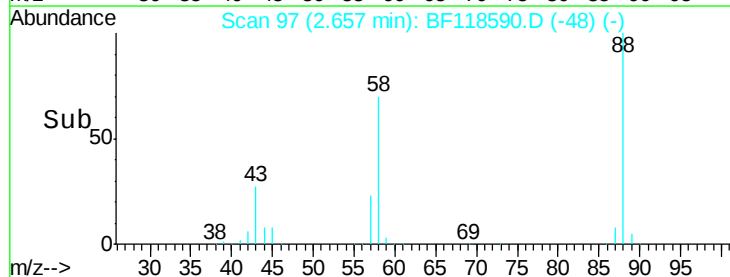
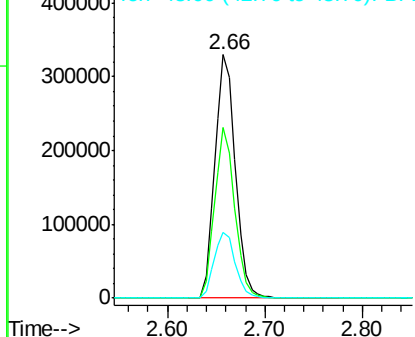
#2

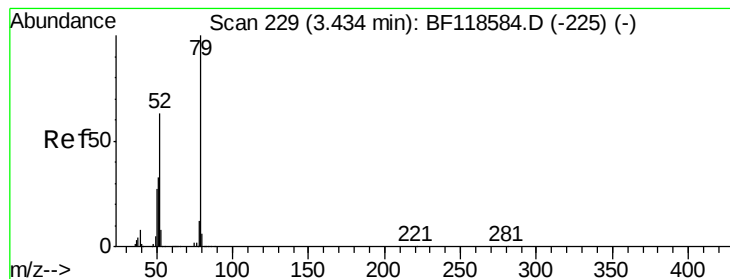
1,4-Dioxane
Concen: 41.567 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 88 Resp: 479254
Ion Ratio Lower Upper
88 100
58 68.7 56.1 84.1
43 28.1 23.0 34.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.014 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

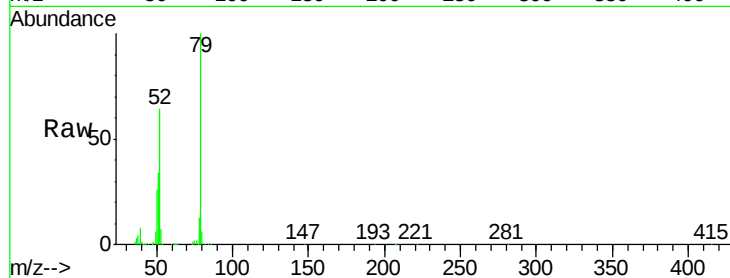
Tot Ion: 79 Resp: 1332835

Ion Ratio Lower Upper

79 100

52 63.9 50.7 76.1

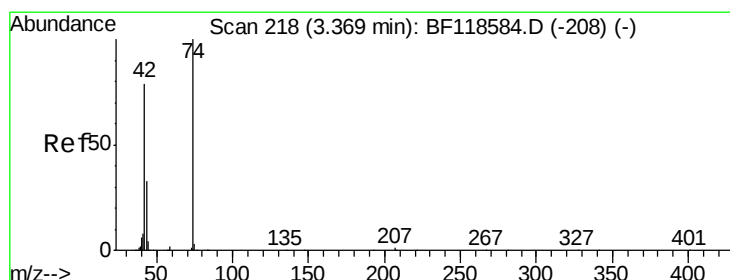
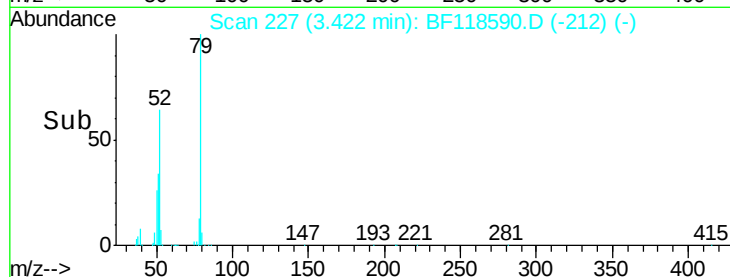
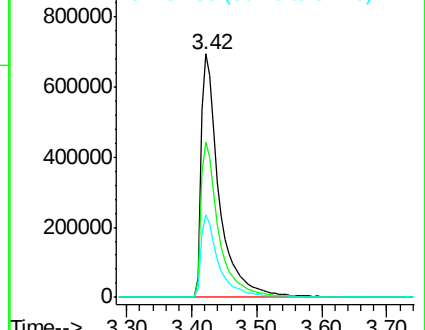
51 33.9 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.332 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118590.D

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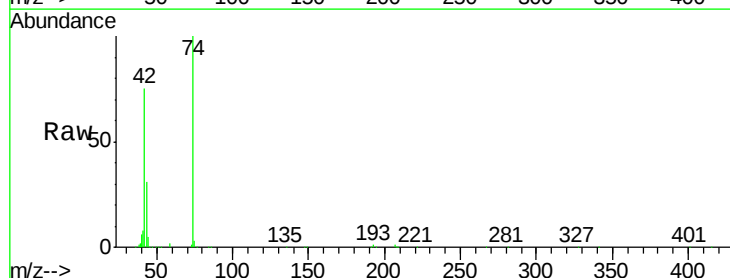
Tgt Ion: 42 Resp: 575842

Ion Ratio Lower Upper

42 100

74 132.8 101.6 152.4

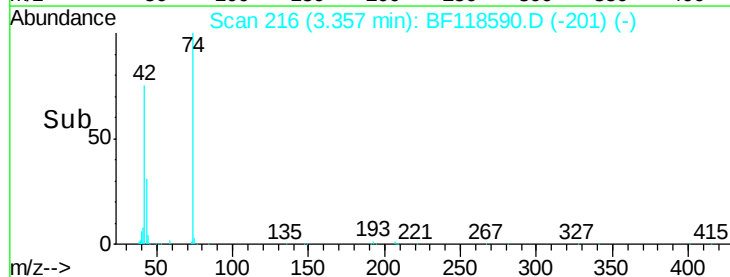
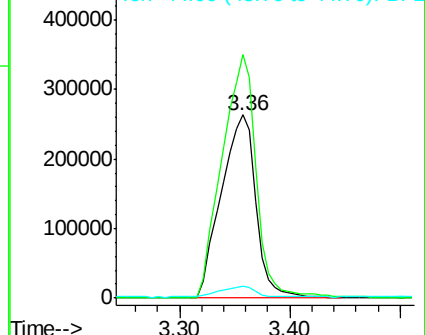
44 6.4 4.9 7.3

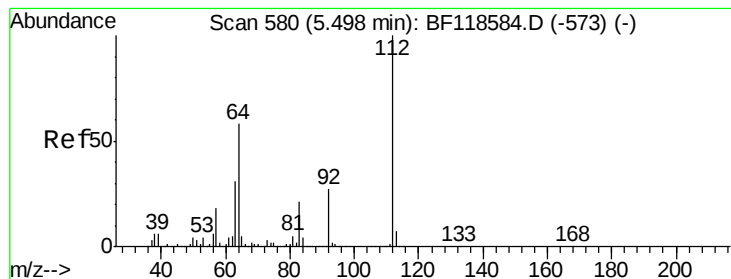


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

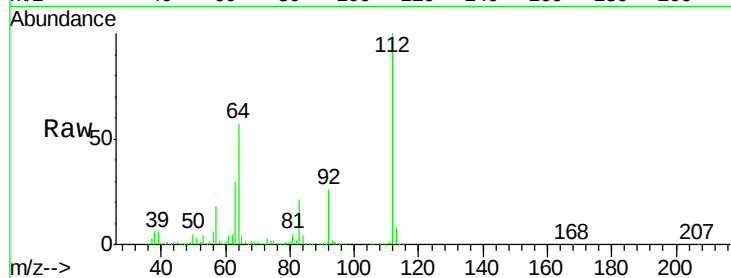




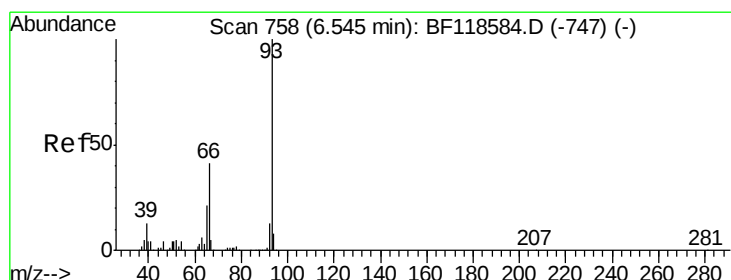
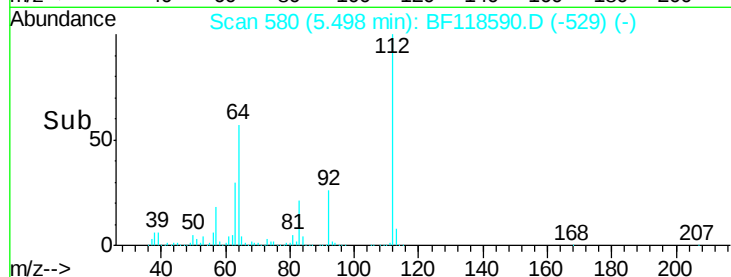
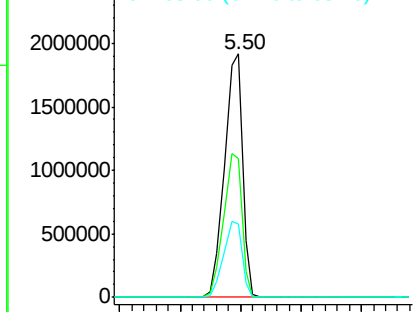
#5
2-Fluorophenol
Concen: 83.690 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF118590.D
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Tot Ion:112 Resp: 1992190
Ion Ratio Lower Upper
112 100
64 57.2 46.6 70.0
63 30.2 25.1 37.7

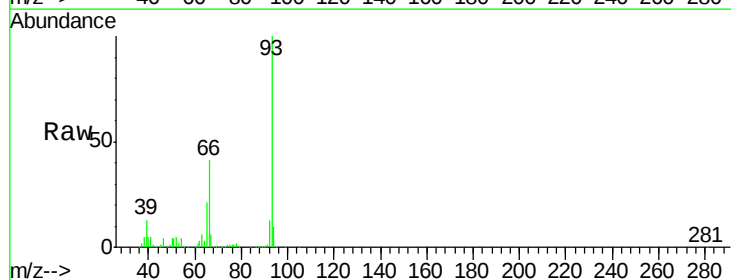


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

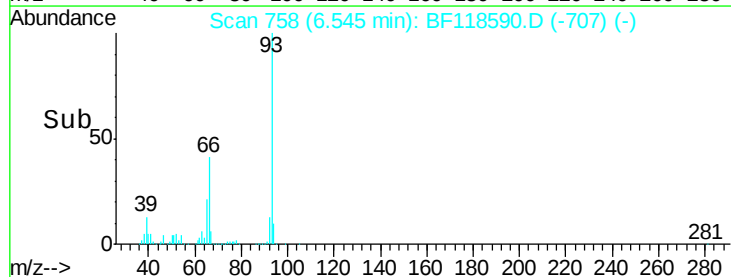
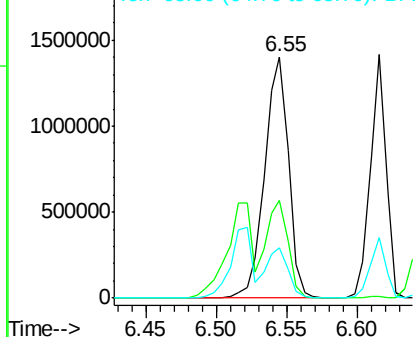


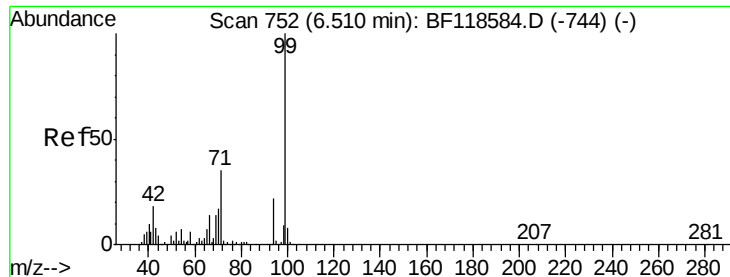
#6
Aniline
Concen: 41.165 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 93 Resp: 1677072
Ion Ratio Lower Upper
93 100
66 40.6 32.8 49.2
65 20.9 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: 83.926 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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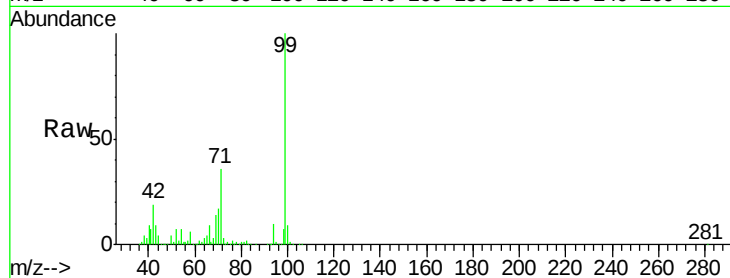
Tot Ion: 99 Resp: 2596632

Ion Ratio Lower Upper

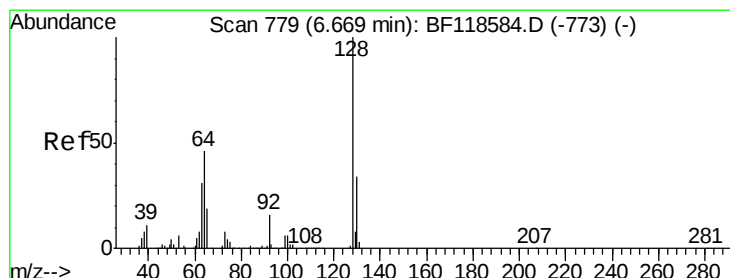
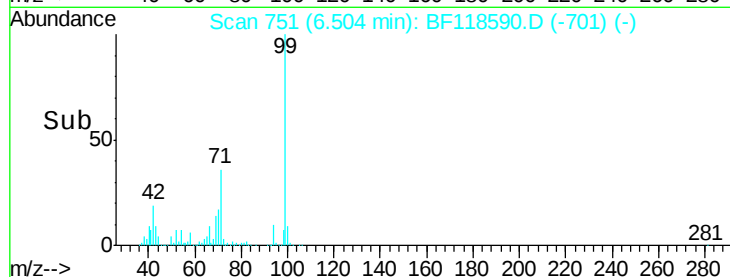
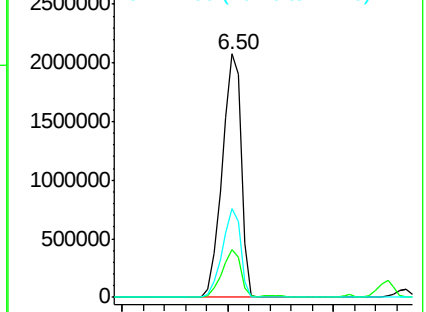
99 100

42 19.4 14.2 21.2

71 36.4 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: 41.662 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

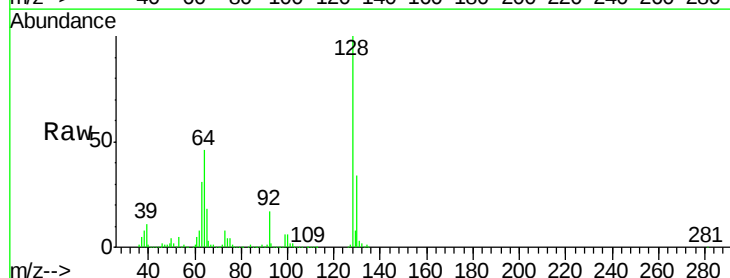
Tgt Ion: 128 Resp: 1113159

Ion Ratio Lower Upper

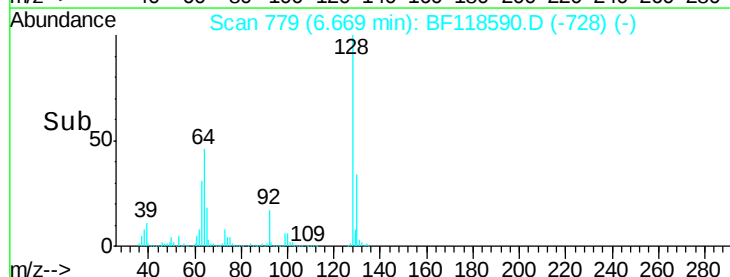
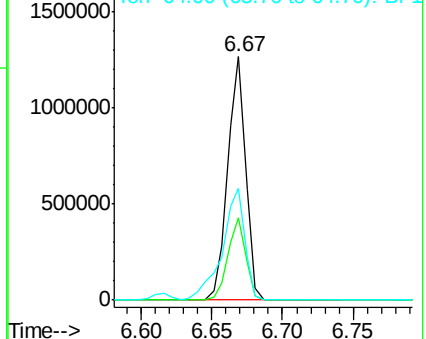
128 100

130 34.0 13.6 53.6

64 45.8 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: 42.440 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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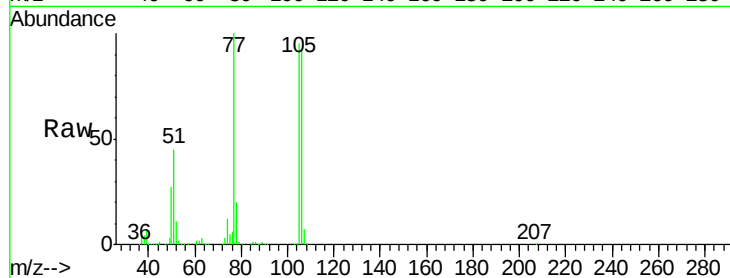
Tot Ion: 77 Resp: 798554

Ion Ratio Lower Upper

77 100

105 95.5 73.5 113.5

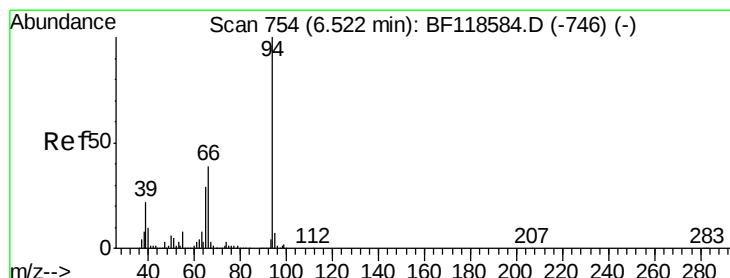
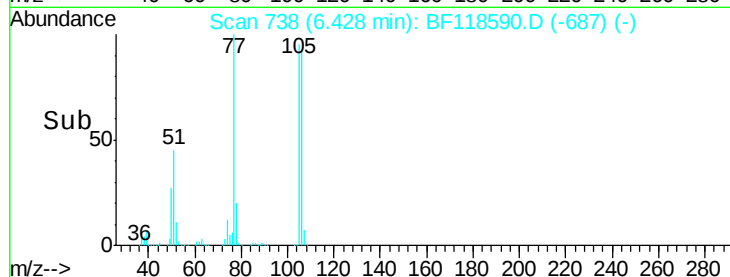
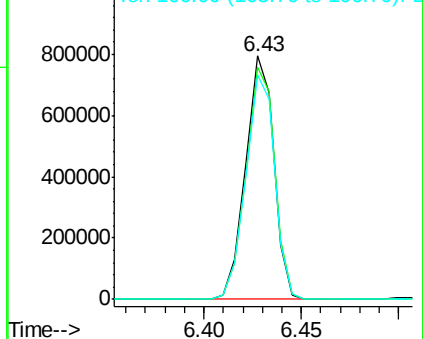
106 92.4 71.9 111.9



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: 42.385 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

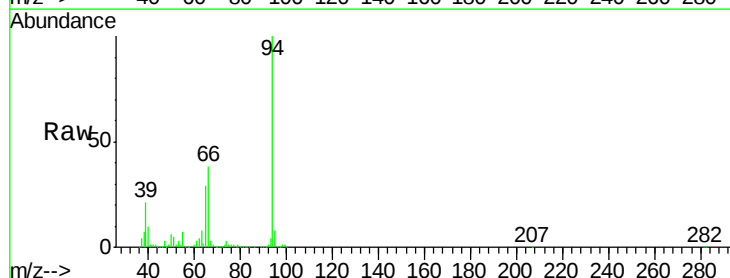
Tgt Ion: 94 Resp: 1494488

Ion Ratio Lower Upper

94 100

65 28.9 9.5 49.5

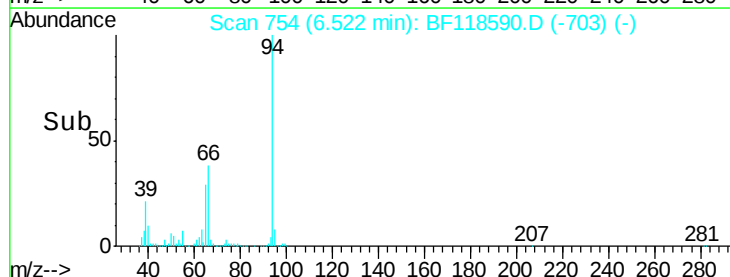
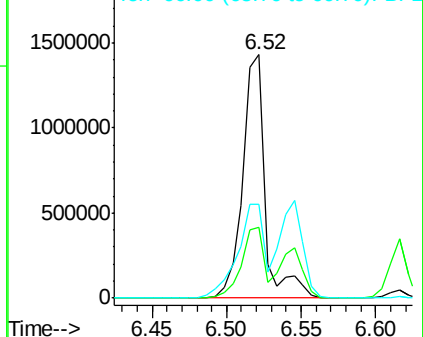
66 38.4 18.5 58.5

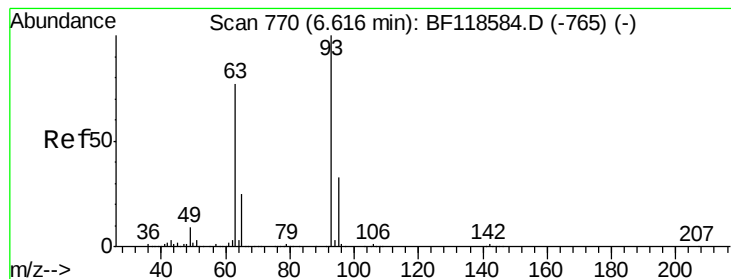


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

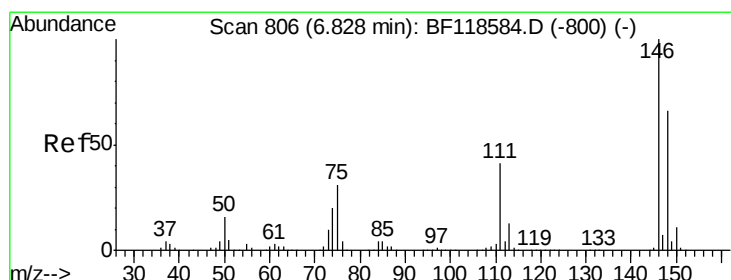
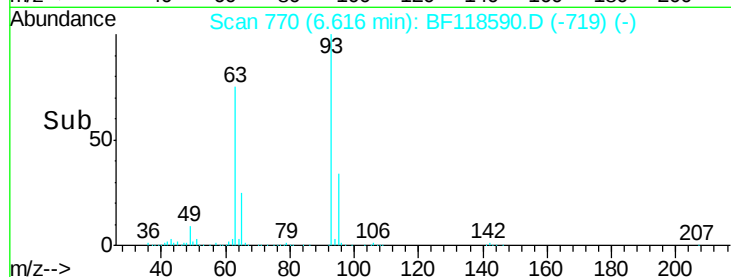
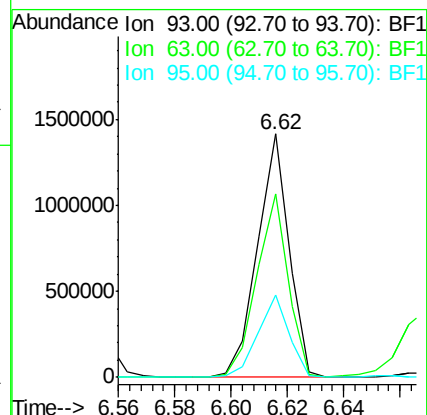
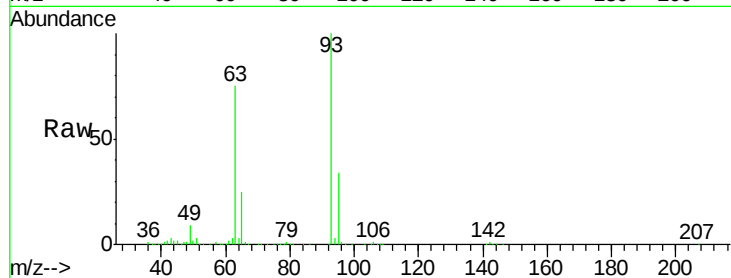




#11
bis(2-Chloroethyl)ether
Concen: 41.857 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

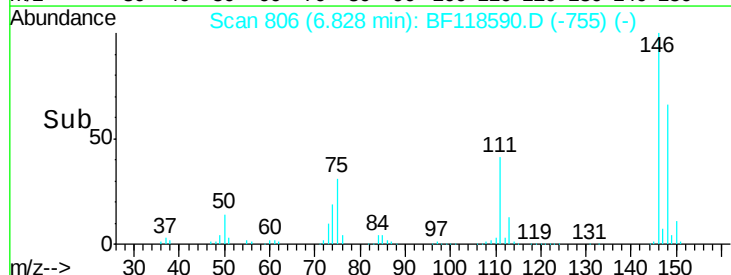
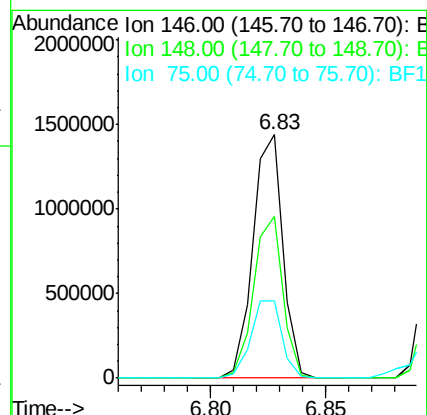
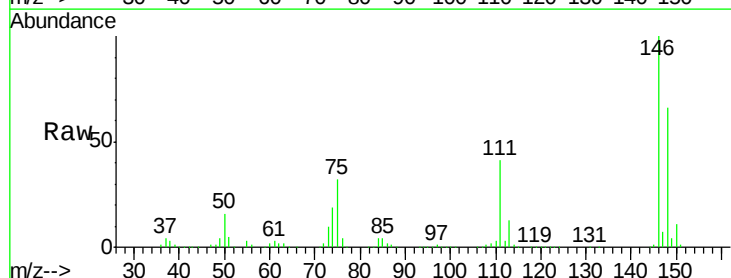
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

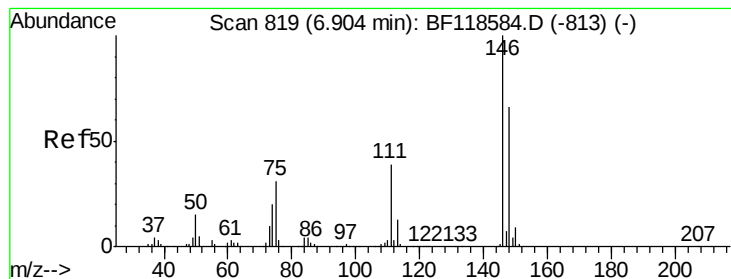
Tot Ion: 93 Resp: 1094985
Ion Ratio Lower Upper
93 100
63 75.5 56.3 96.3
95 33.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.775 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 146 Resp: 1306450
Ion Ratio Lower Upper
146 100
148 66.3 53.0 79.6
75 31.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.289 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

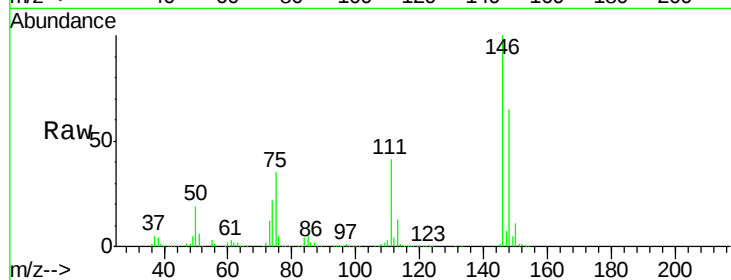
Tot Ion:146 Resp: 1327580

Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

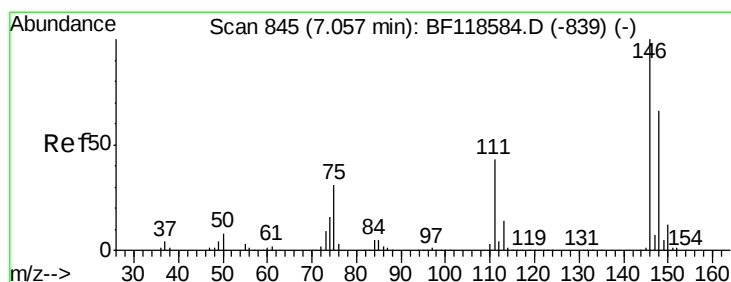
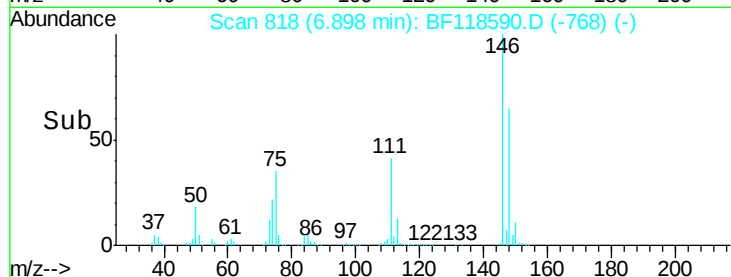
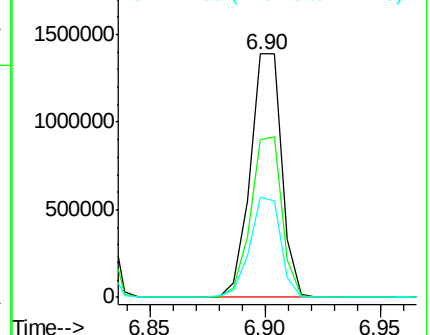
111 41.3 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.905 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

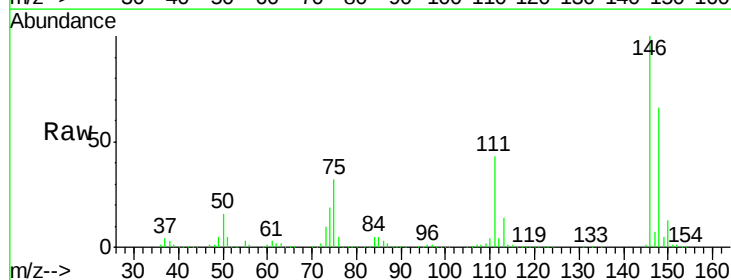
Tgt Ion:146 Resp: 1266159

Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

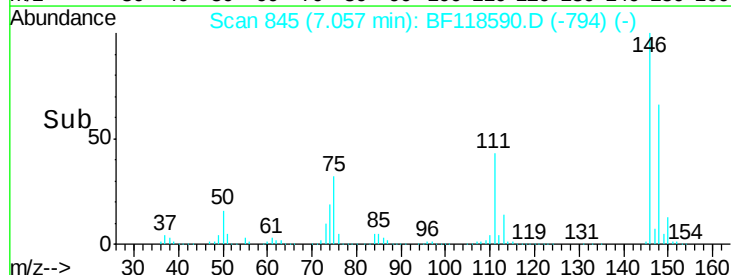
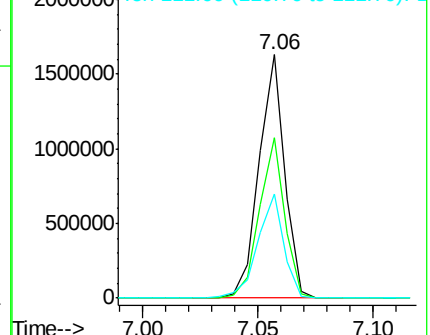
111 42.5 34.6 52.0

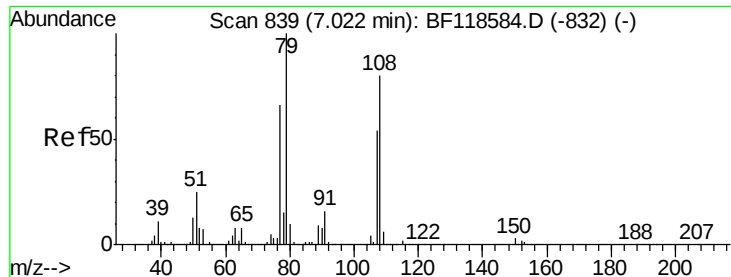


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.303 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

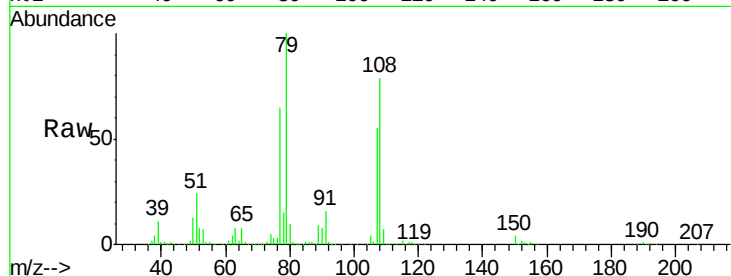
Tot Ion: 79 Resp: 1037930

Ion Ratio Lower Upper

79 100

108 79.4 63.6 95.4

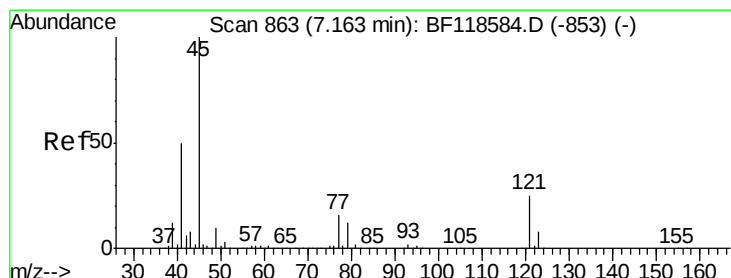
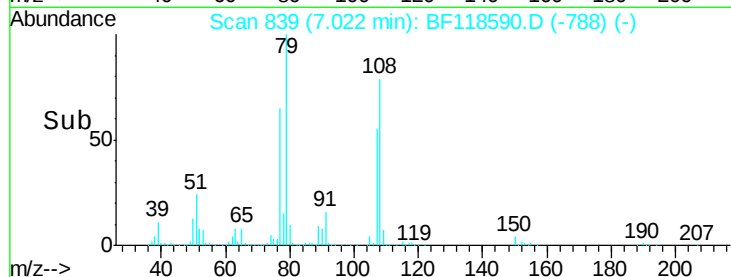
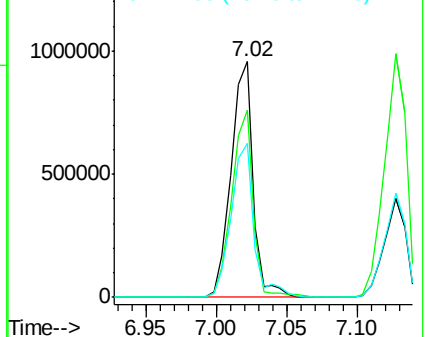
77 65.4 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.500 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

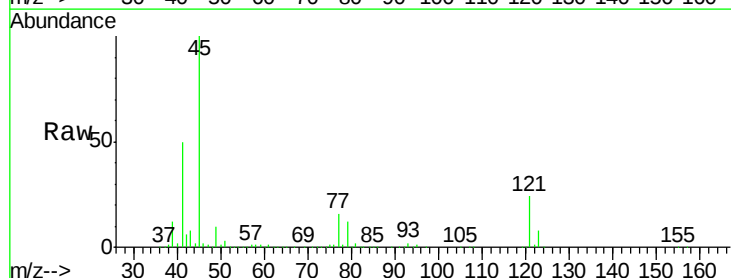
Tgt Ion: 45 Resp: 1512184

Ion Ratio Lower Upper

45 100

77 15.9 0.0 36.1

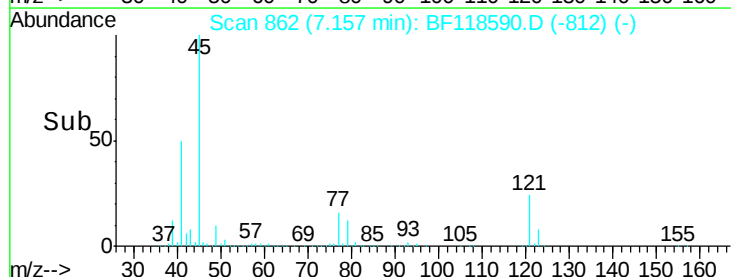
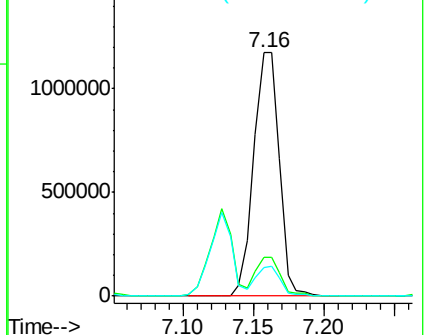
79 11.9 0.0 32.4

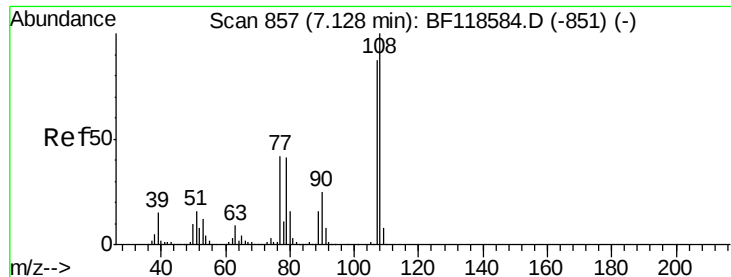


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.488 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

Tot Ion:107 Resp: 923363

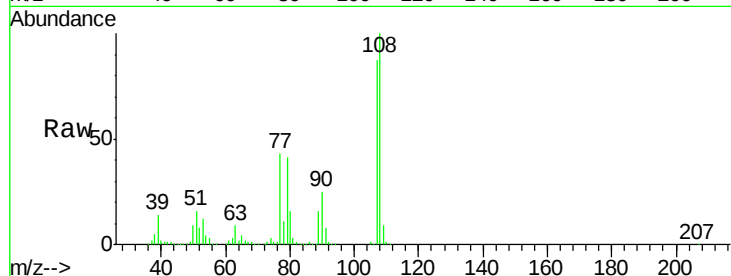
Ion Ratio Lower Upper

107 100

108 115.1 91.5 137.3

77 49.0 38.7 58.1

79 47.0 37.7 56.5

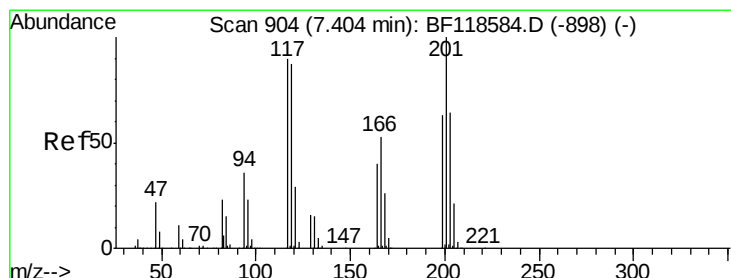
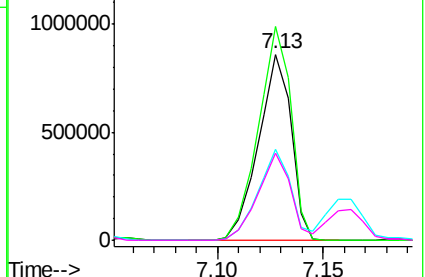
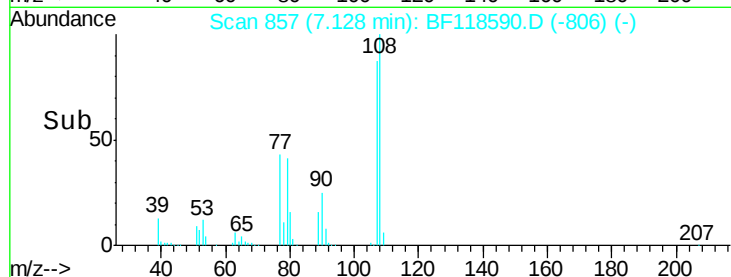


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.113 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

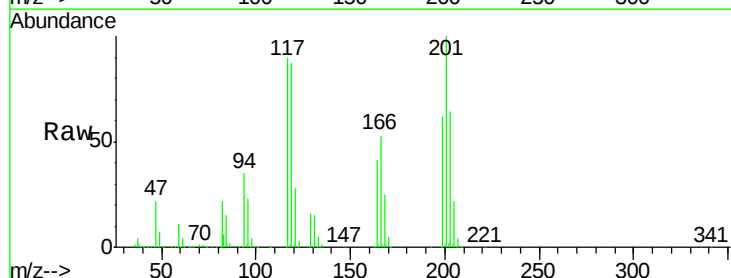
Tgt Ion:117 Resp: 479379

Ion Ratio Lower Upper

117 100

119 96.6 77.6 116.4

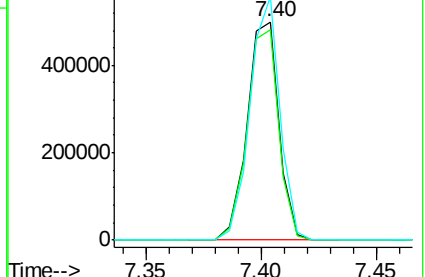
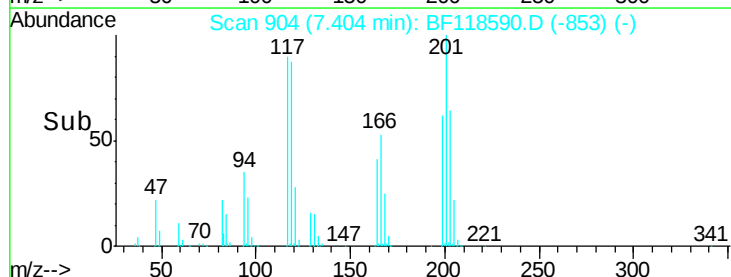
201 111.7 88.8 133.2

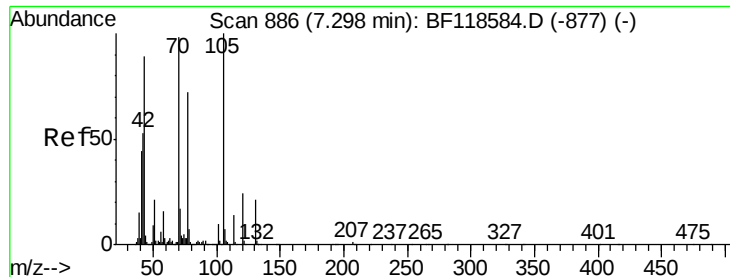


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

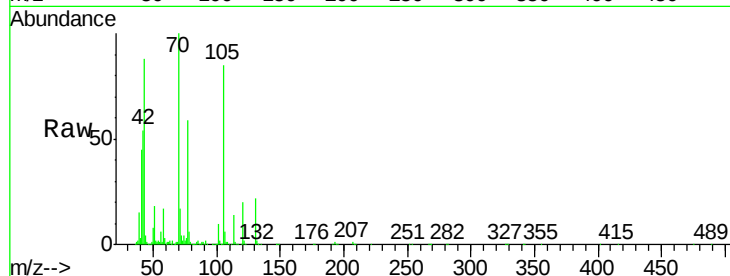




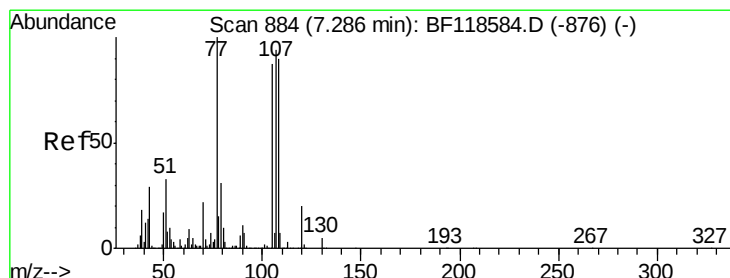
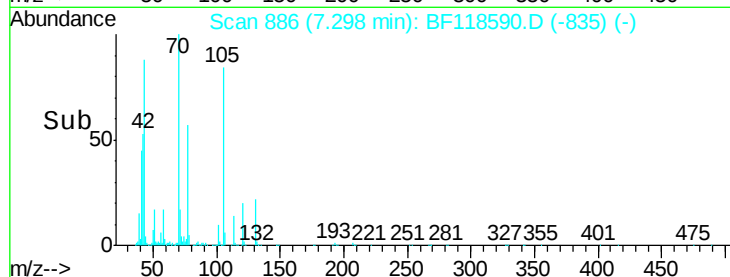
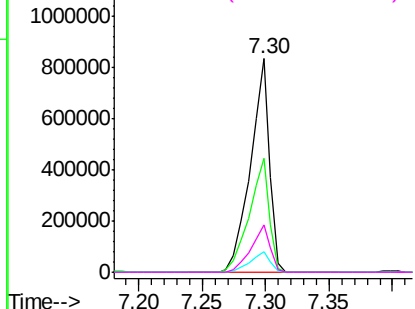
#19
n-Nitroso-di-n-propylamine
Concen: 41.763 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:	70	Resp:	872486
Ion	Ratio	Lower	Upper
70	100		
42	53.5	43.4	65.0
101	9.7	8.1	12.1
130	21.9	17.6	26.4

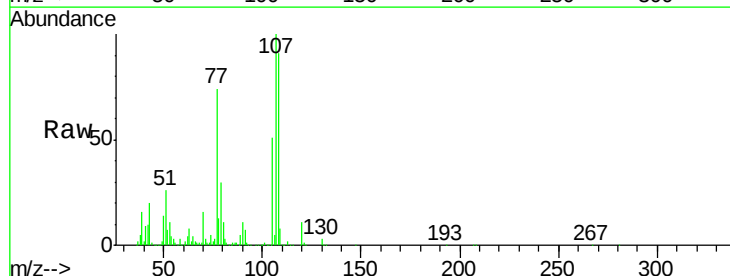


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

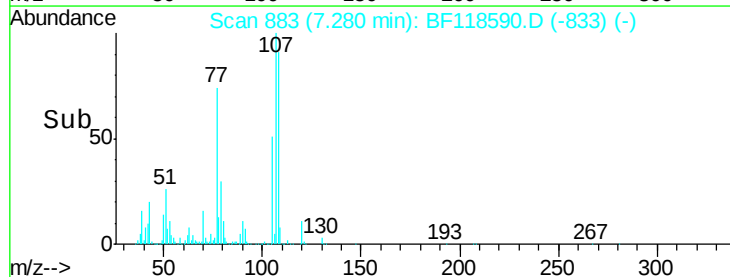
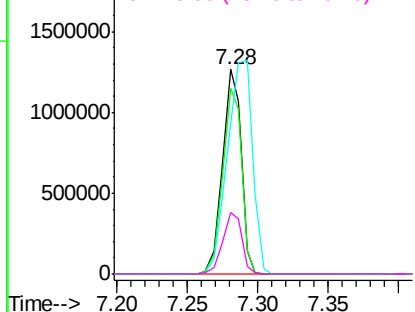


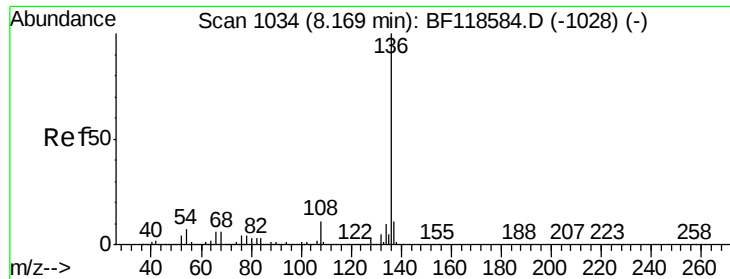
#20
3+4-Methylphenols
Concen: 42.860 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:	107	Resp:	1164612
Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.8	115.8
77	74.0	86.5	126.5#
79	30.2	12.9	52.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

Tot Ion:136 Resp: 1613664

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.2	5.8	8.6
68	6.2	5.0	7.4

Abundance

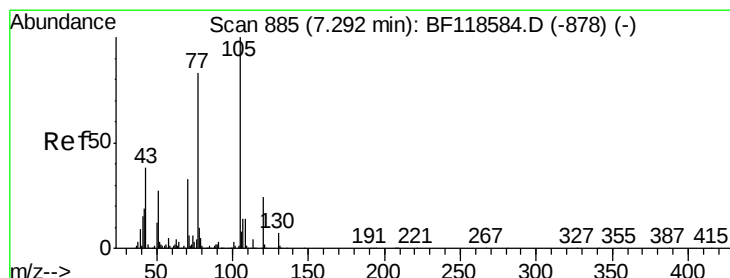
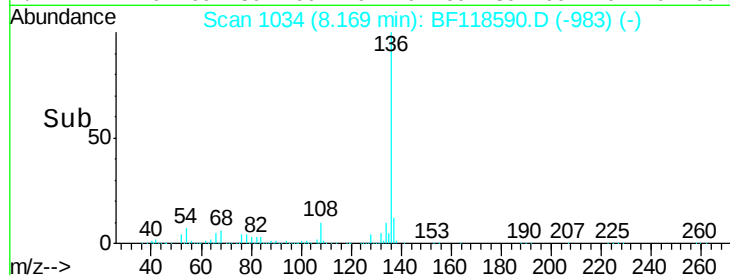
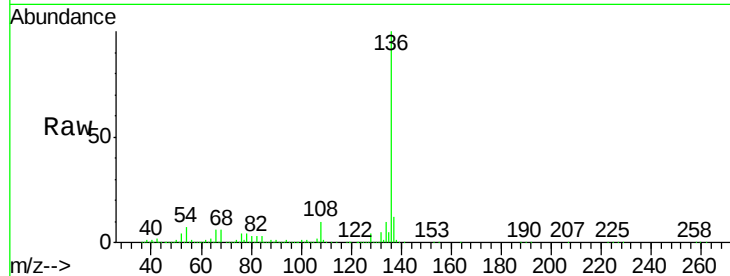
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 42.530 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Tgt Ion:105 Resp: 1625769

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.5	6.7
51	25.5	21.5	32.3
120	23.9	19.0	28.6

Abundance

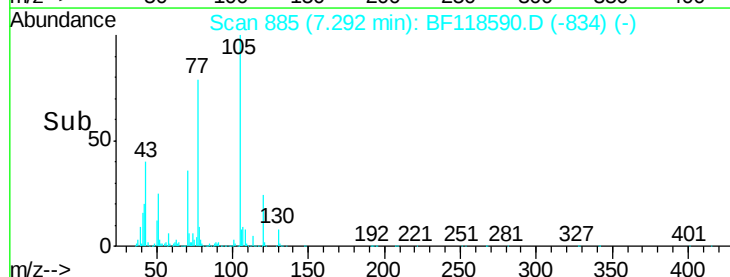
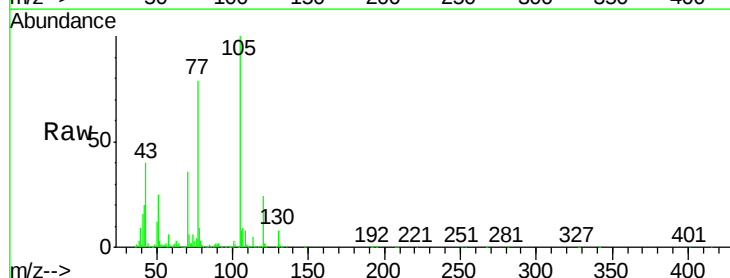
Ion 105.00 (104.70 to 105.70): E

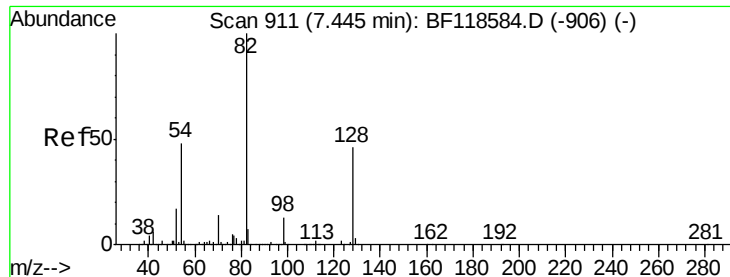
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->

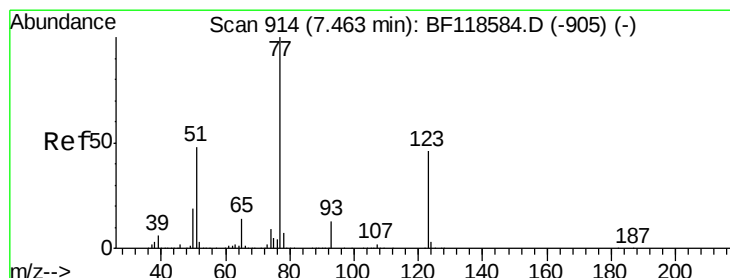
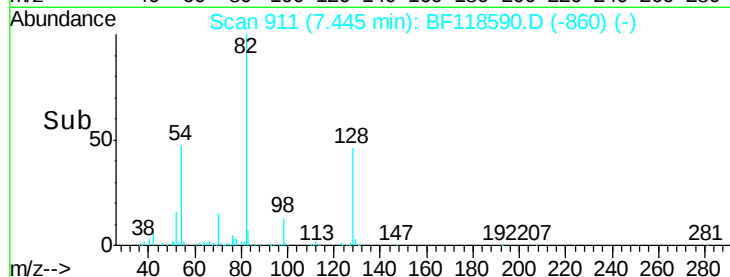
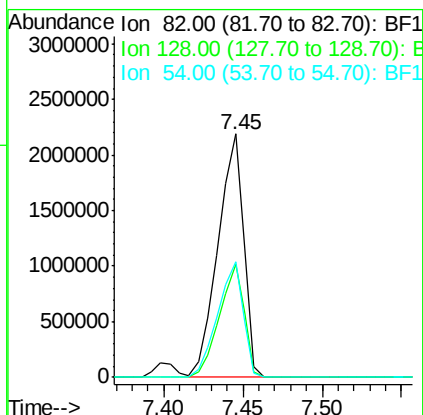
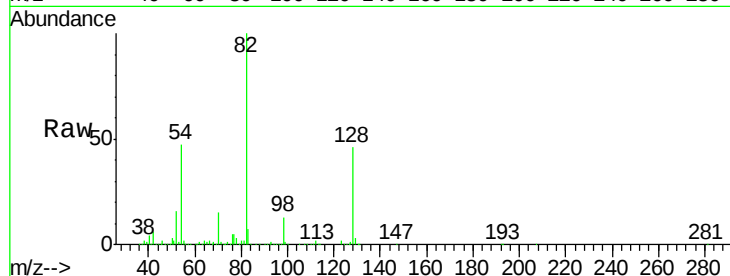




#23
 Nitrobenzene-d5
 Concen: 85.141 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

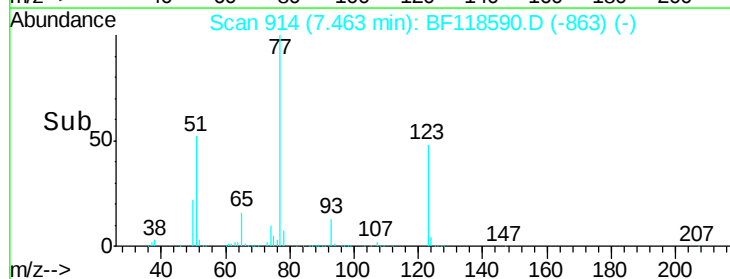
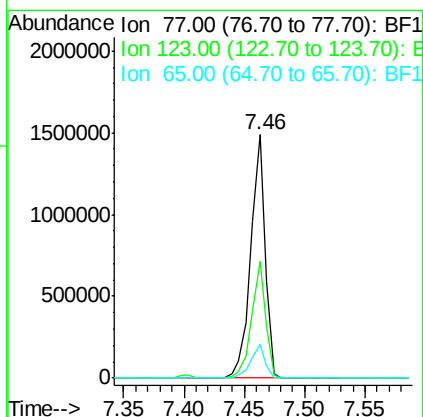
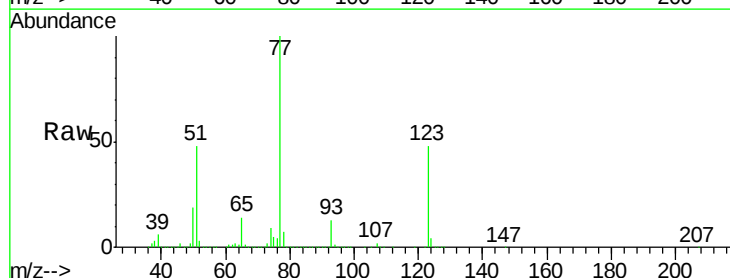
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012020

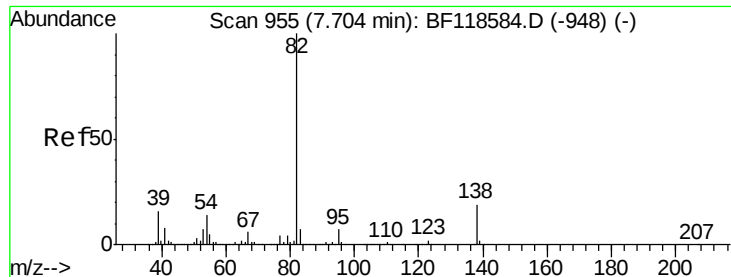
Tot Ion: 82 Resp: 2456278
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.6 54.8
 54 47.4 38.0 57.0



#24
 Nitrobenzene
 Concen: 42.341 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

Tgt Ion: 77 Resp: 1250730
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.0 55.4
 65 14.0 11.1 16.7





#25

Isophorone

Concen: 40.991 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

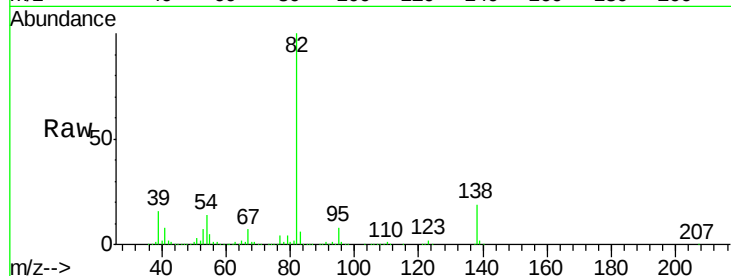
Tot Ion: 82 Resp: 2156934

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

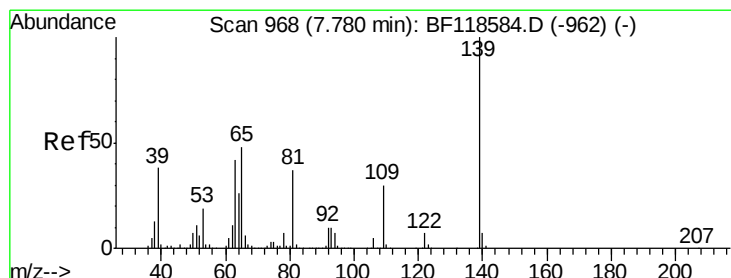
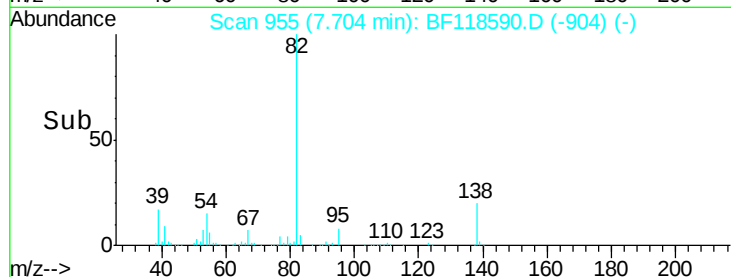
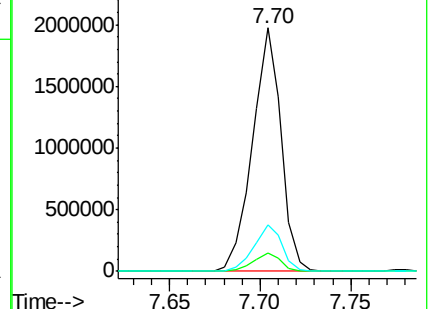
138 19.2 15.3 22.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.184 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

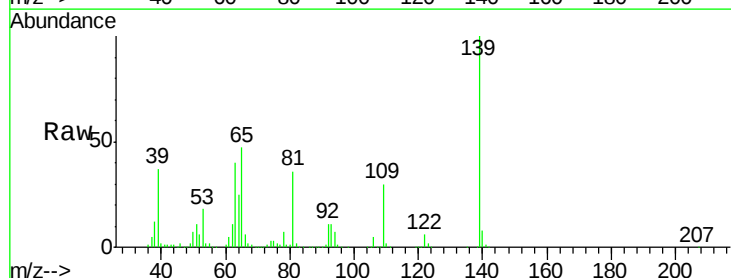
Tgt Ion: 139 Resp: 543997

Ion Ratio Lower Upper

139 100

109 29.9 23.8 35.8

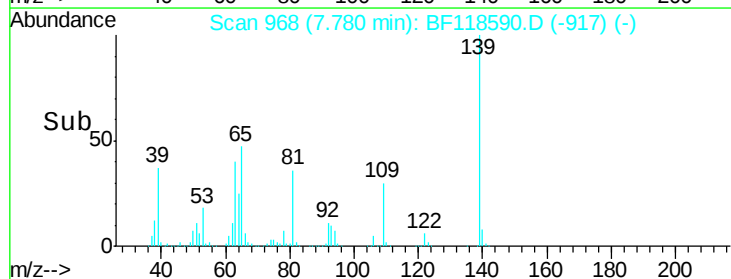
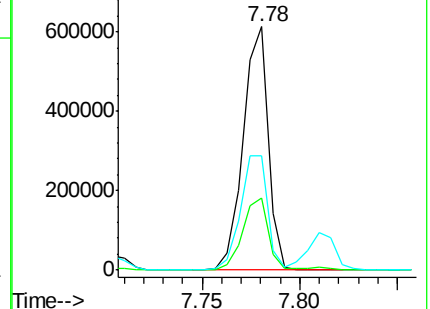
65 46.8 38.5 57.7

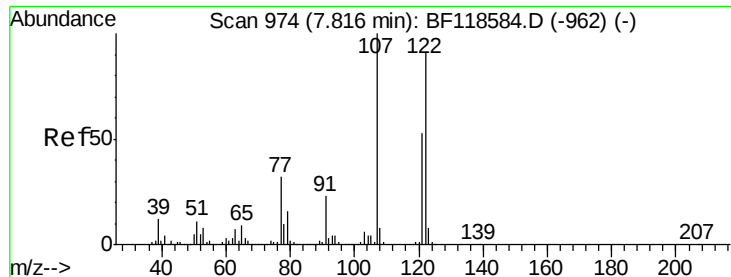


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.102 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

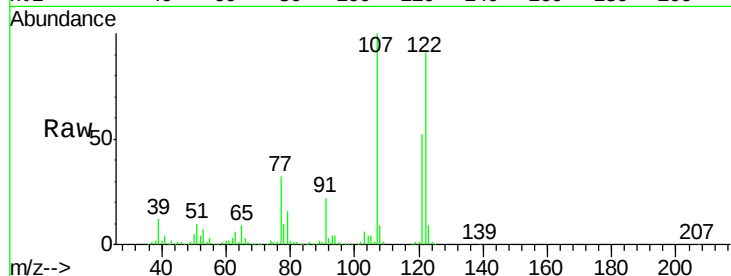
Tot Ion:122 Resp: 872324

Ion Ratio Lower Upper

122 100

107 109.4 88.0 132.0

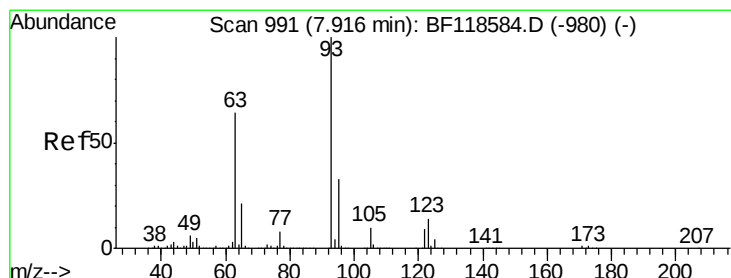
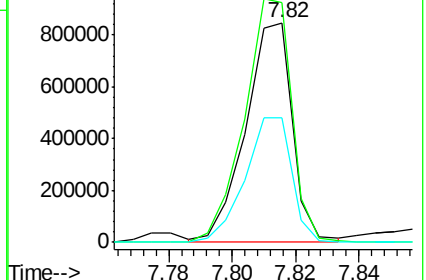
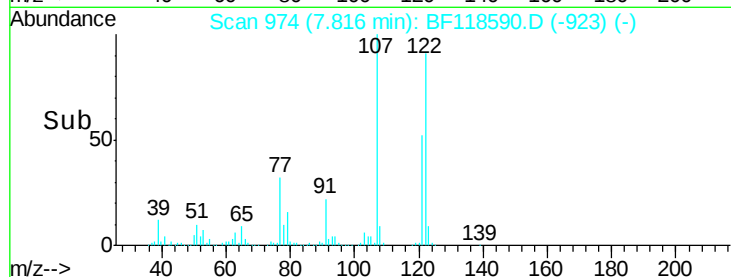
121 56.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.437 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

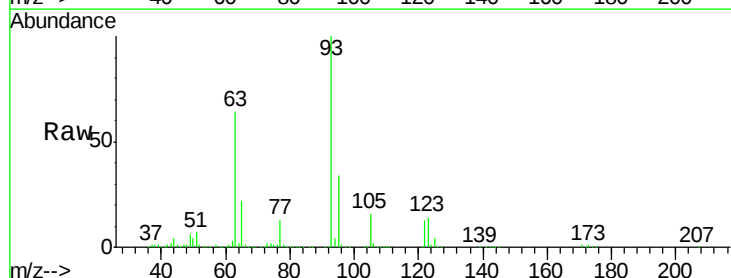
Tgt Ion: 93 Resp: 1404938

Ion Ratio Lower Upper

93 100

95 33.9 26.7 40.1

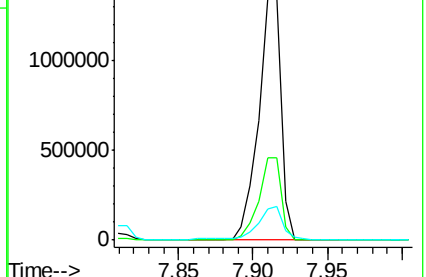
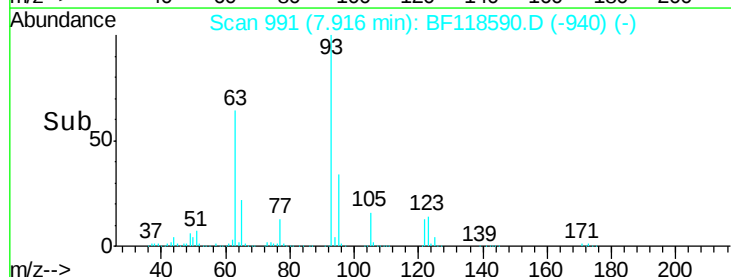
123 13.8 11.0 16.6

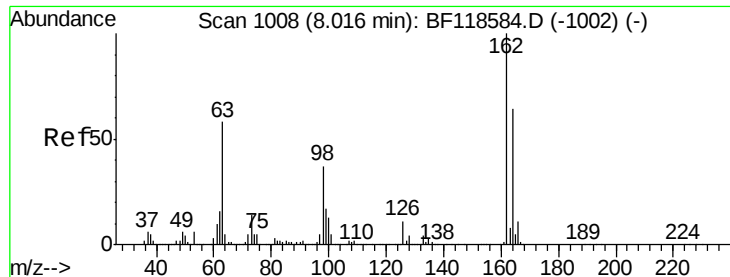


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

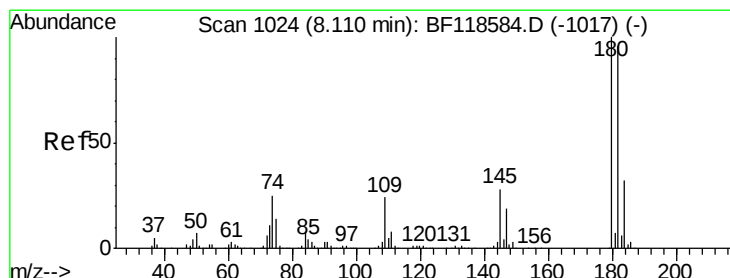
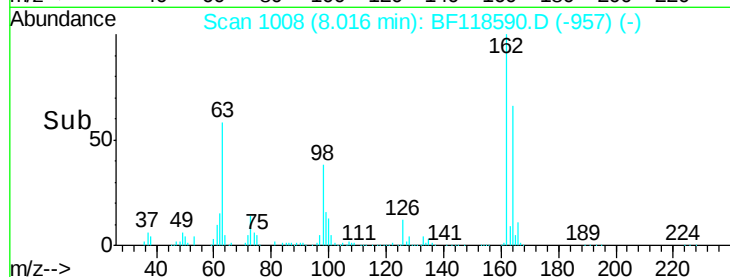
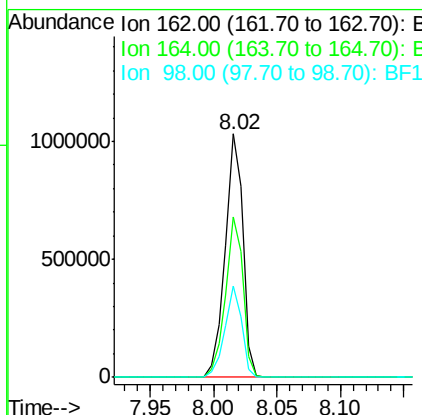
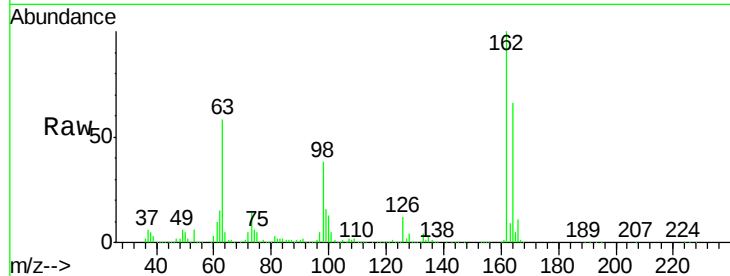




#29
2,4-Dichlorophenol
Concen: 41.657 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

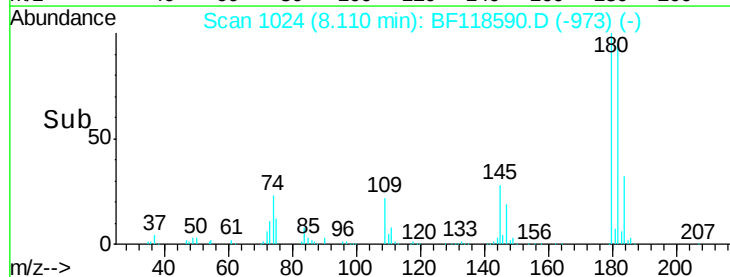
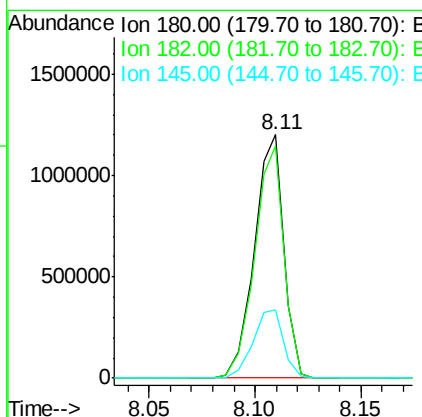
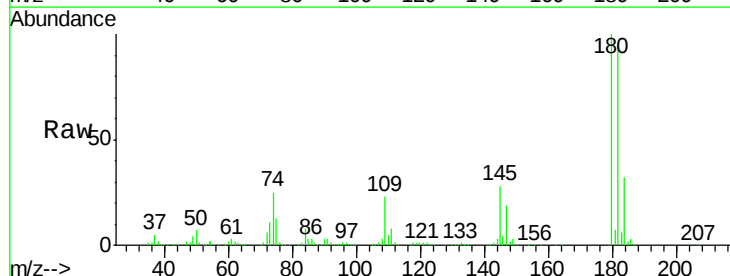
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

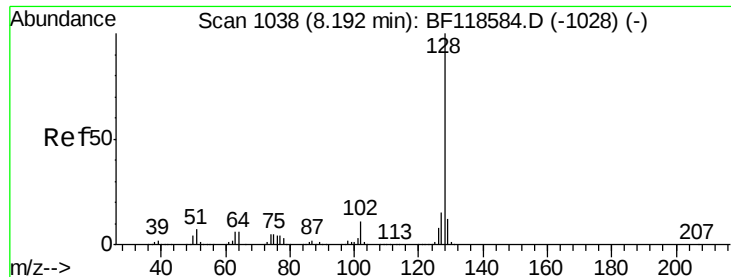
Tot Ion:162 Resp: 1001716
Ion Ratio Lower Upper
162 100
164 65.9 44.3 84.3
98 37.7 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 41.590 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:180 Resp: 1159582
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
145 28.3 22.8 34.2

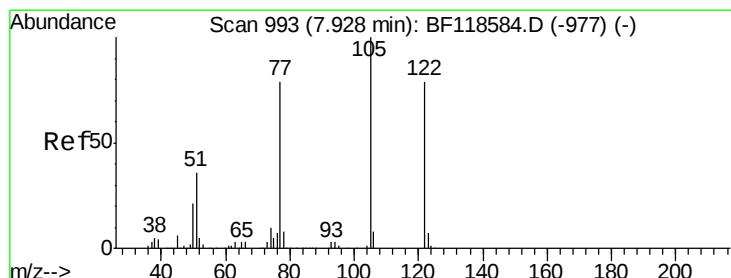
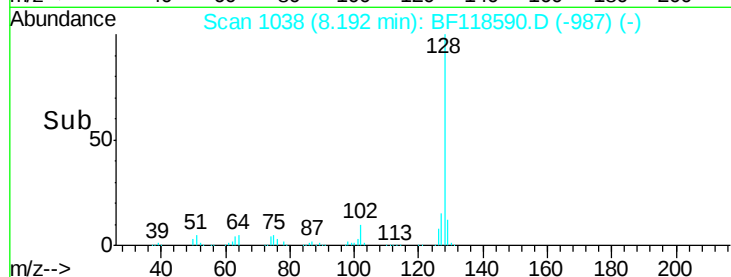
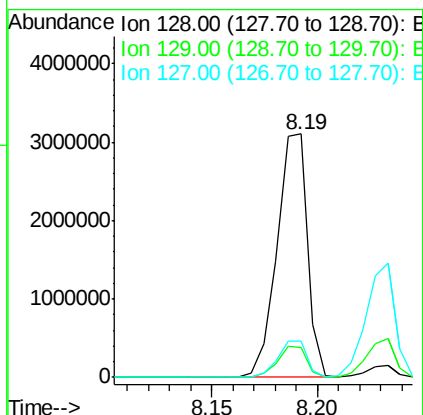
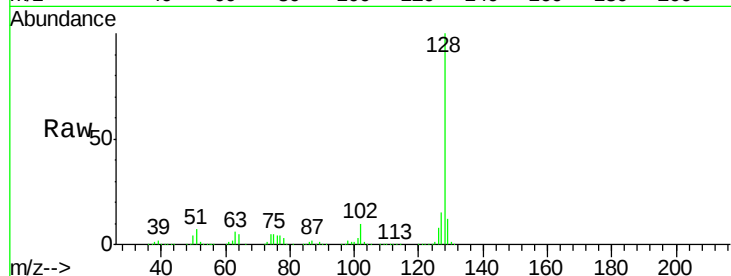




#31
Naphthalene
Concen: 42.825 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

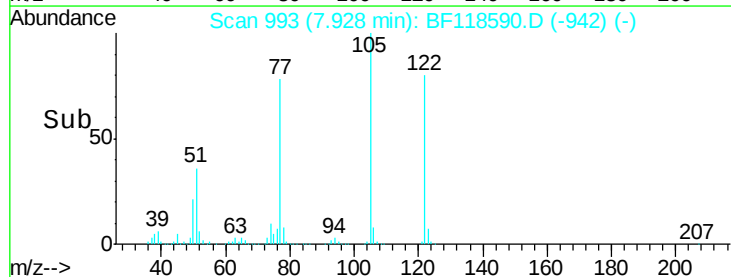
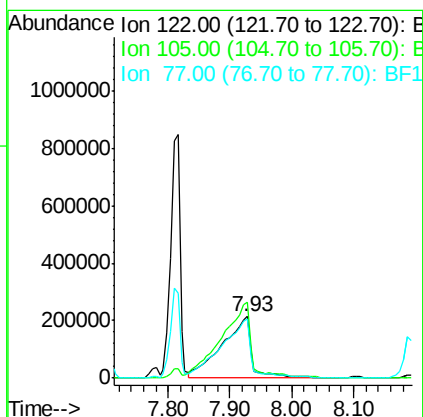
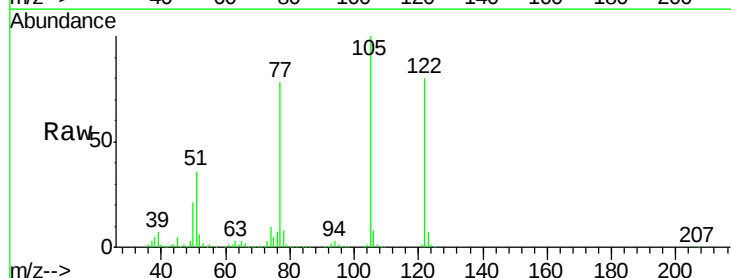
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

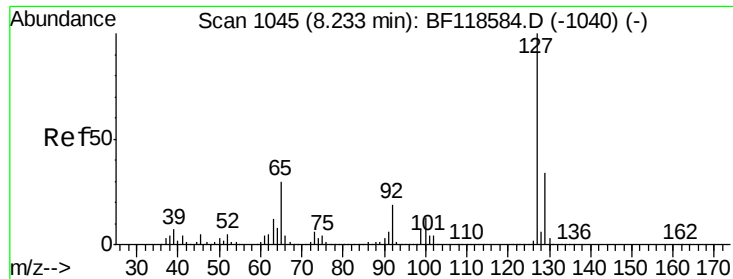
Tot Ion:128 Resp: 3121688
Ion Ratio Lower Upper
128 100
129 12.4 9.9 14.9
127 14.7 12.0 18.0



#32
Benzoic acid
Concen: 43.392 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:122 Resp: 708397
Ion Ratio Lower Upper
122 100
105 124.6 104.3 144.3
77 97.2 79.4 119.4

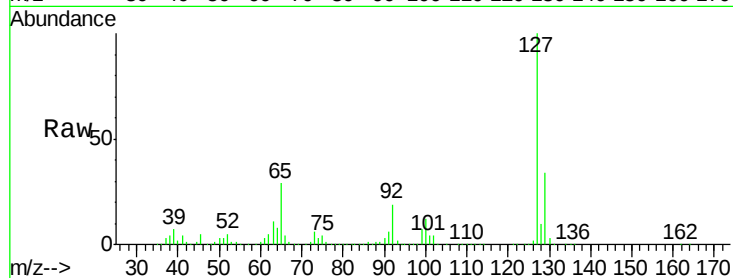




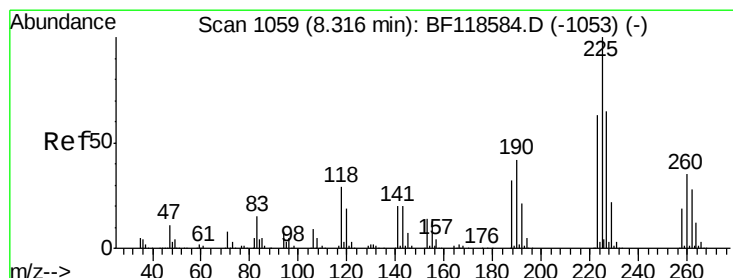
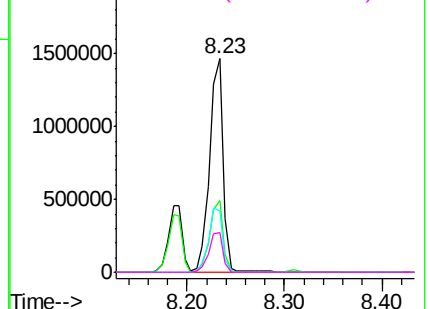
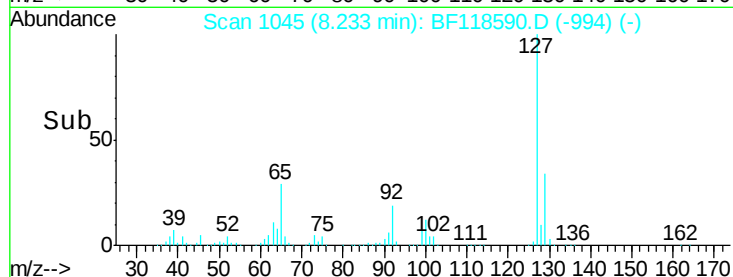
#33
4-Chloroaniline
Concen: 42.018 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:127 Resp: 1415666
Ion Ratio Lower Upper
127 100
129 33.7 27.4 41.0
65 29.0 23.6 35.4
92 18.7 15.0 22.4

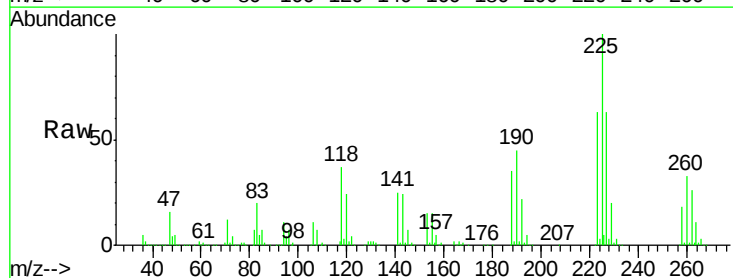


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

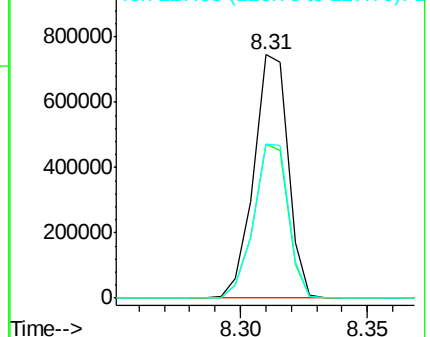
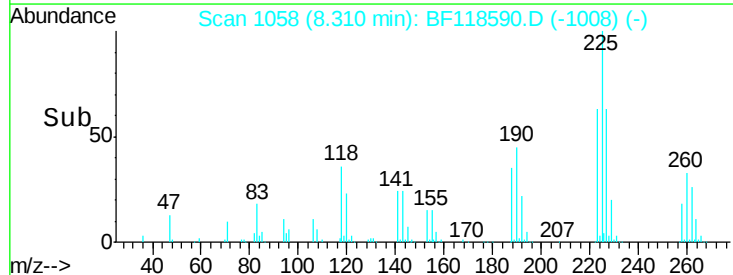


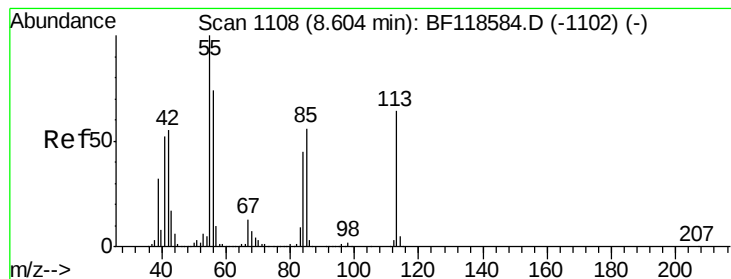
#34
Hexachlorobutadiene
Concen: 41.722 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:225 Resp: 708404
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 63.1 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: 39.752 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

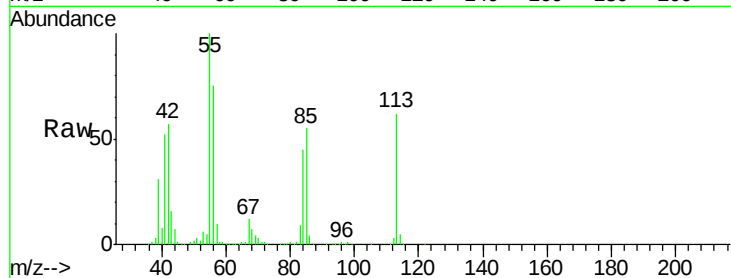
Tot Ion:113 Resp: 312820

Ion Ratio Lower Upper

113 100

55 160.3 136.1 176.1

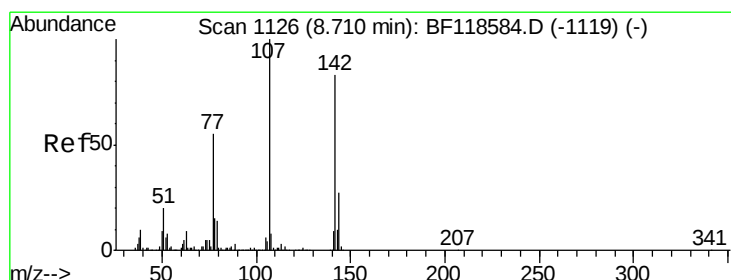
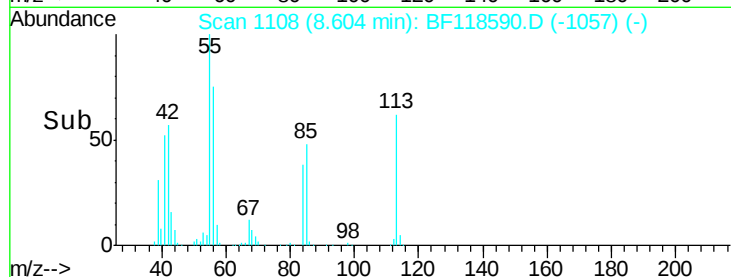
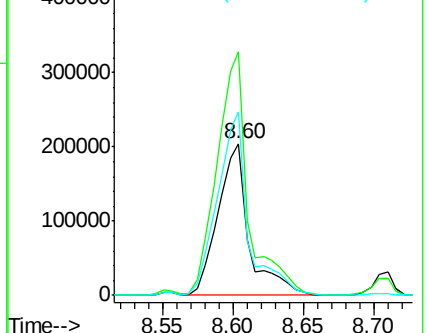
56 120.5 95.2 135.2



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: 41.840 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

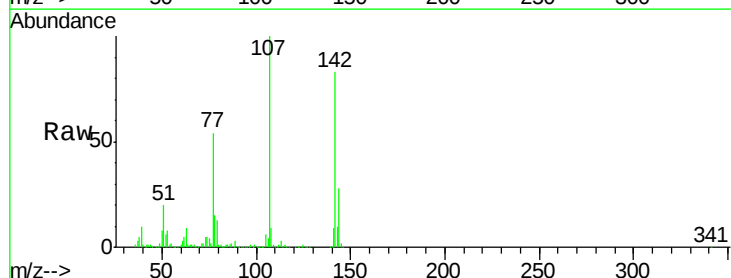
Tgt Ion:107 Resp: 993526

Ion Ratio Lower Upper

107 100

144 27.8 21.8 32.8

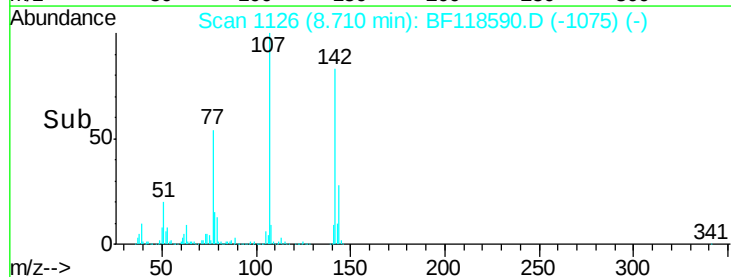
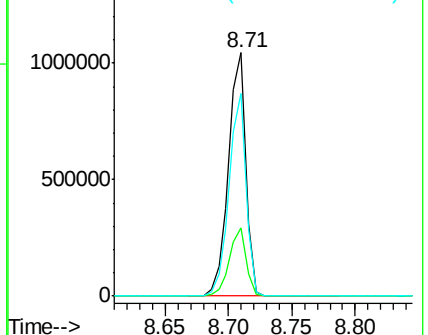
142 83.5 66.5 99.7

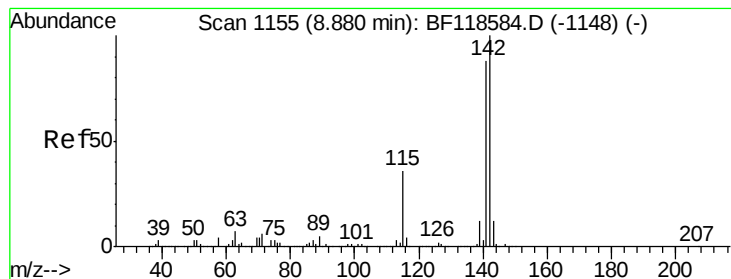


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.616 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

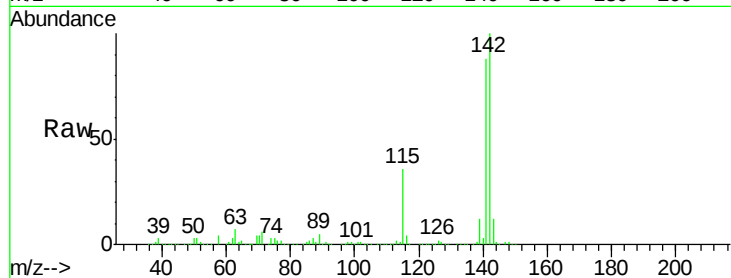
Tot Ion:142 Resp: 2192713

Ion Ratio Lower Upper

142 100

141 87.7 70.7 106.1

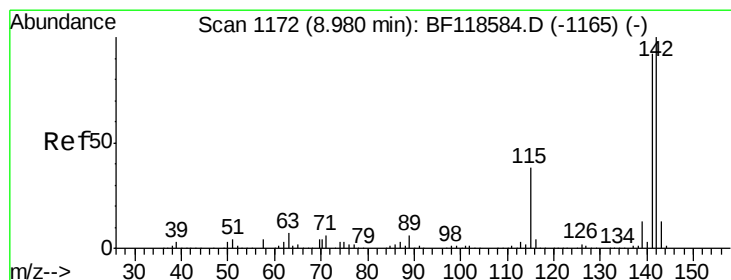
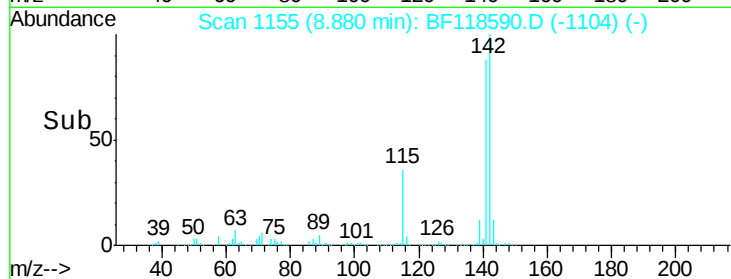
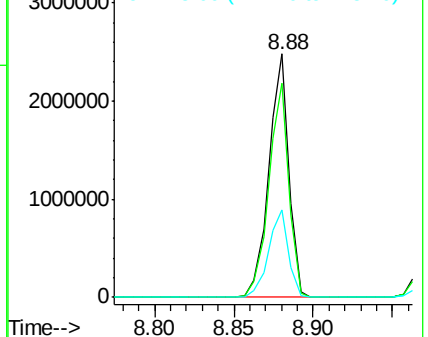
115 36.0 28.5 42.7



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: 42.828 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

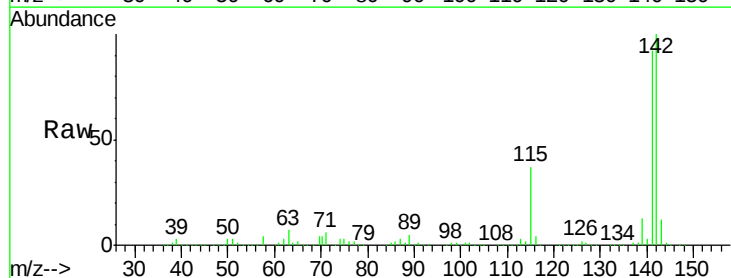
Tgt Ion:142 Resp: 2093570

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

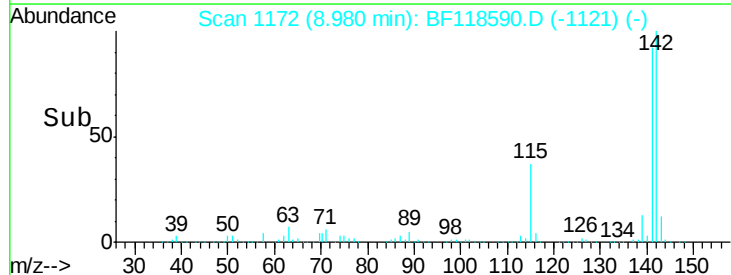
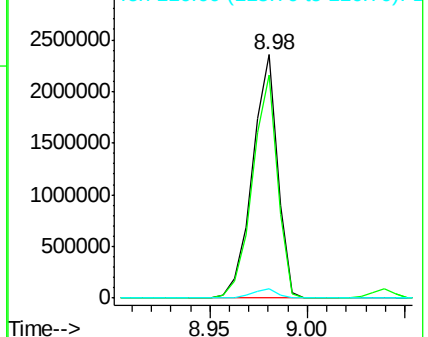
116 4.0 3.3 4.9

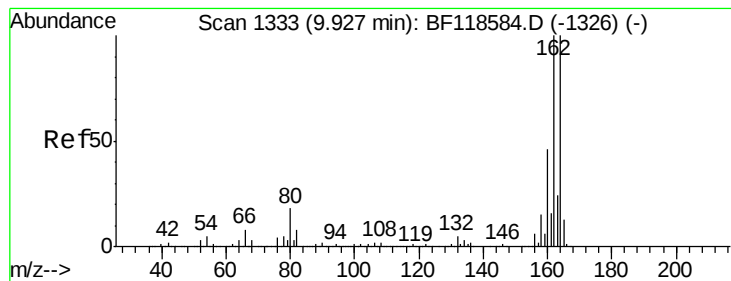


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

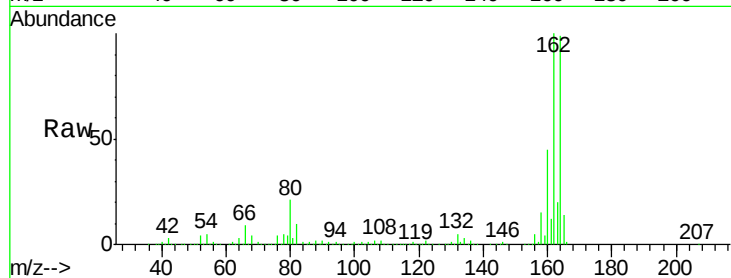
Tot Ion:164 Resp: 925583

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

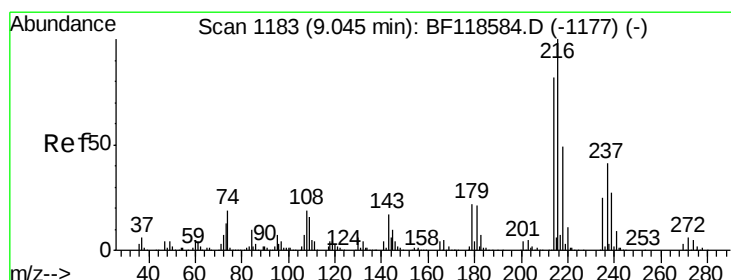
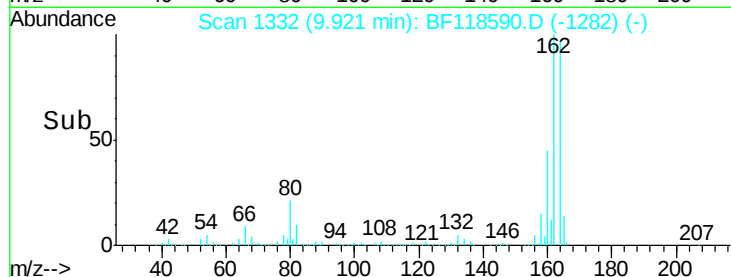
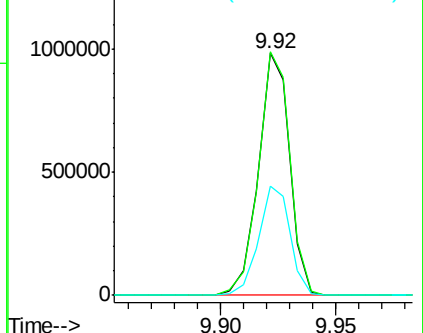
160 45.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.961 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Tgt Ion:216 Resp: 1215229

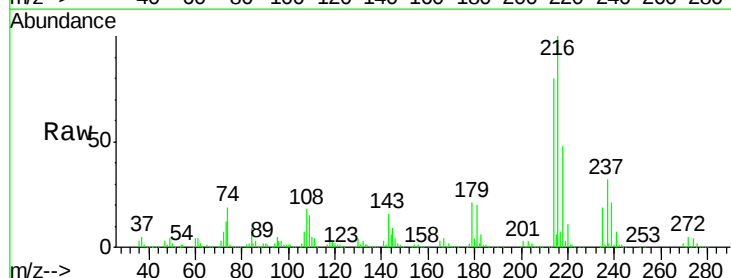
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 20.5 16.6 25.0

108 17.9 14.4 21.6

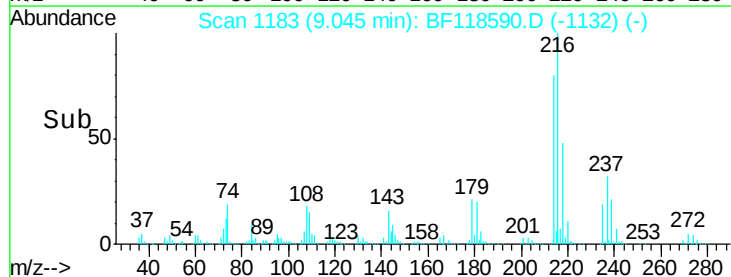
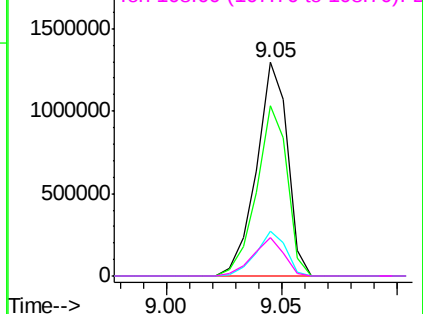


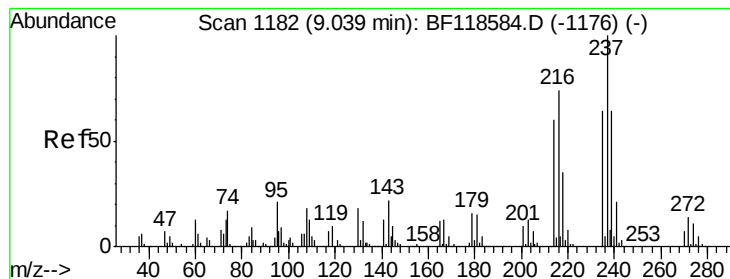
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.571 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

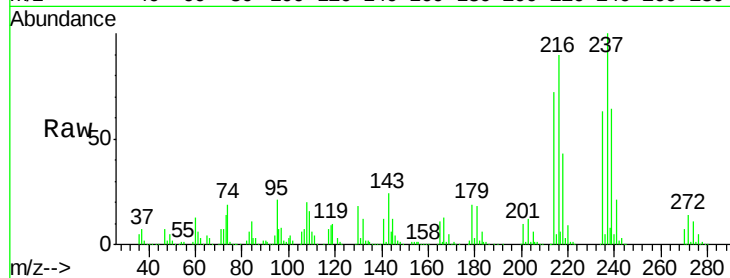
Tot Ion:237 Resp: 592805

Ion Ratio Lower Upper

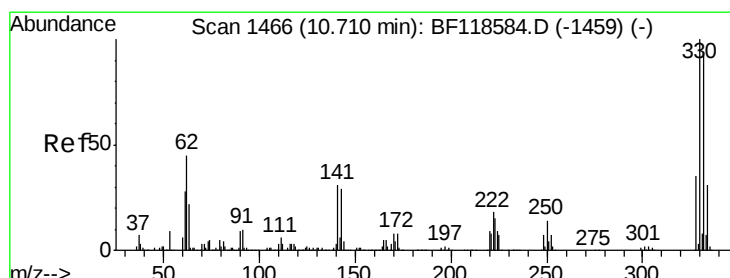
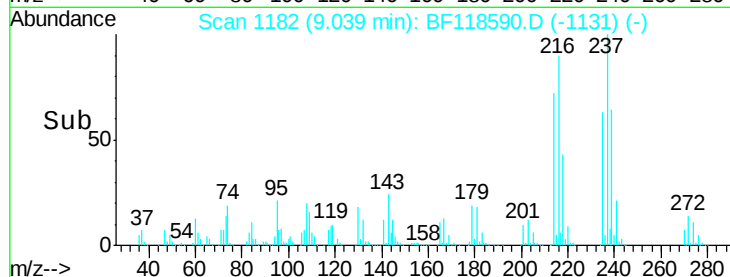
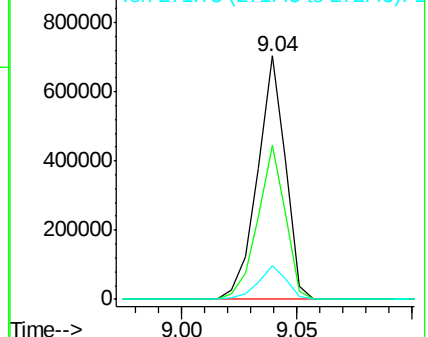
237 100

235 63.3 44.0 84.0

272 13.9 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: 85.825 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

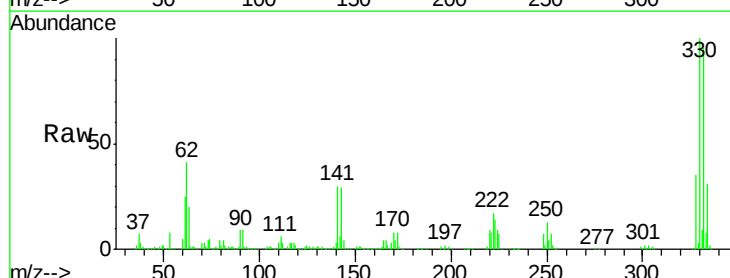
Tgt Ion:330 Resp: 918805

Ion Ratio Lower Upper

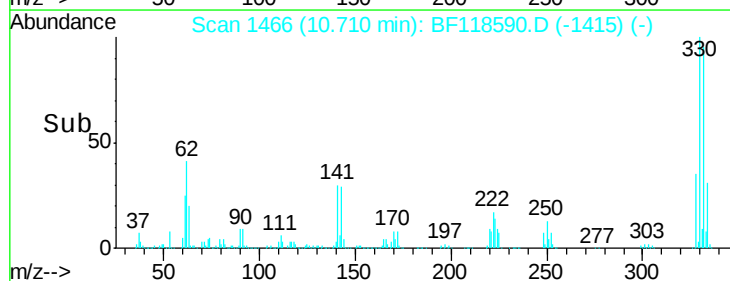
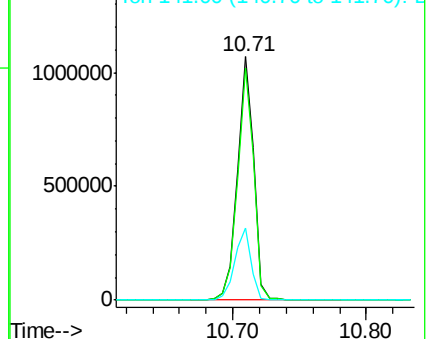
330 100

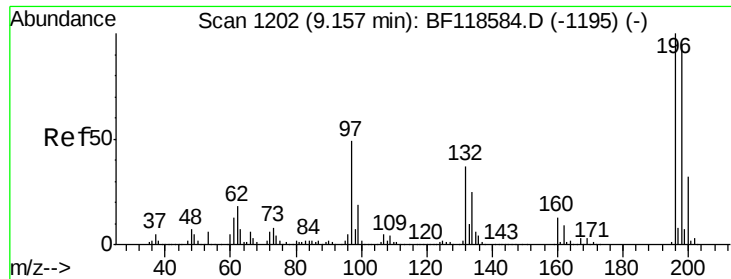
332 95.4 76.2 114.4

141 30.1 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

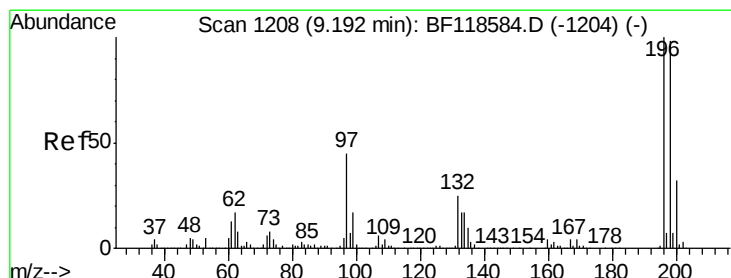
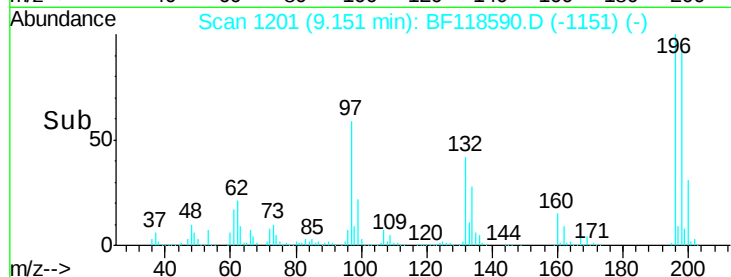
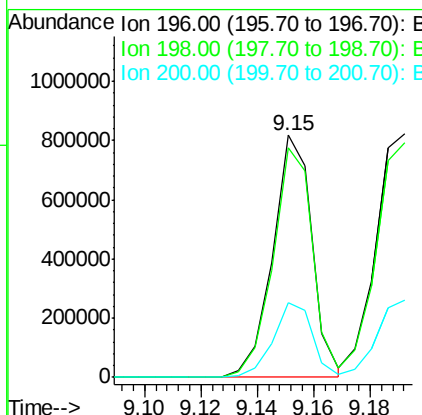
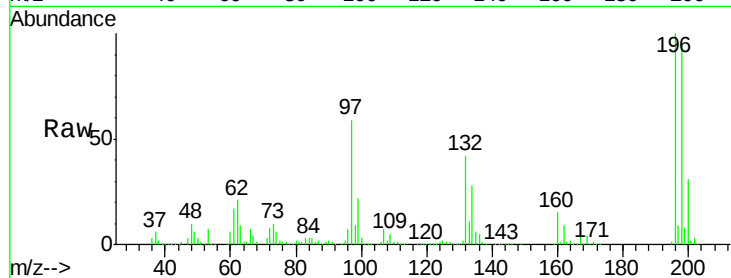




#43
2,4,6-Trichlorophenol
Concen: 40.942 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

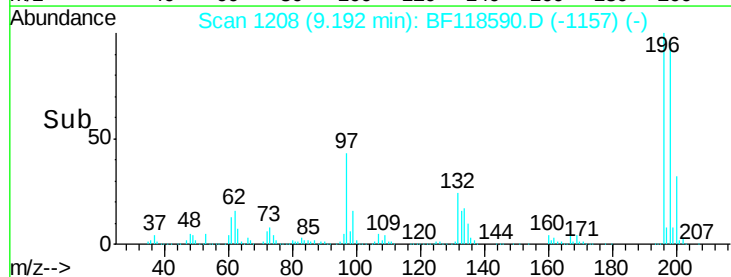
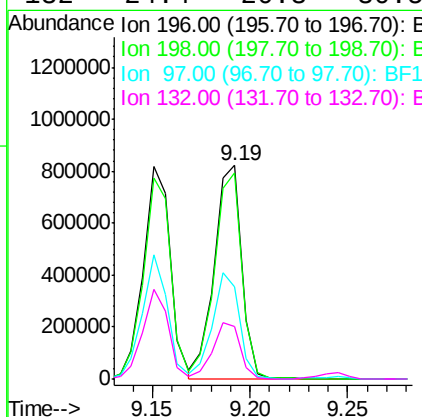
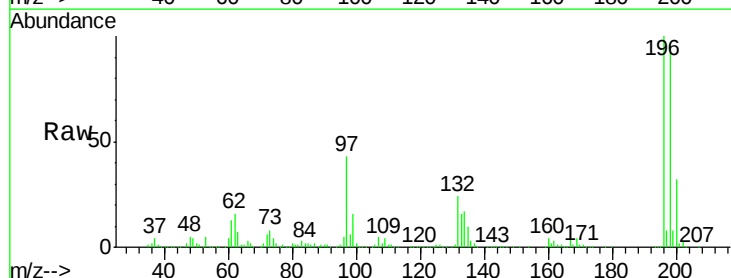
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

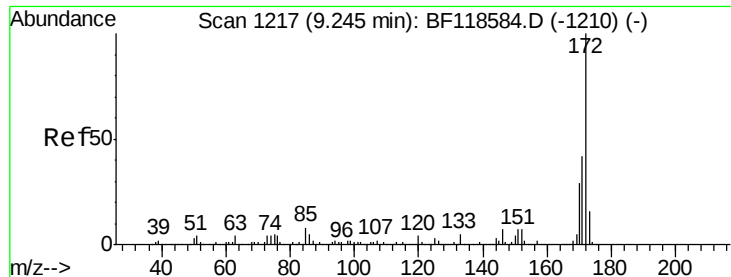
Tot Ion:196 Resp: 786814
Ion Ratio Lower Upper
196 100
198 94.9 76.3 114.5
200 30.9 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 40.929 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:196 Resp: 803318
Ion Ratio Lower Upper
196 100
198 96.6 78.3 117.5
97 43.3 35.9 53.9
132 24.4 20.3 30.5

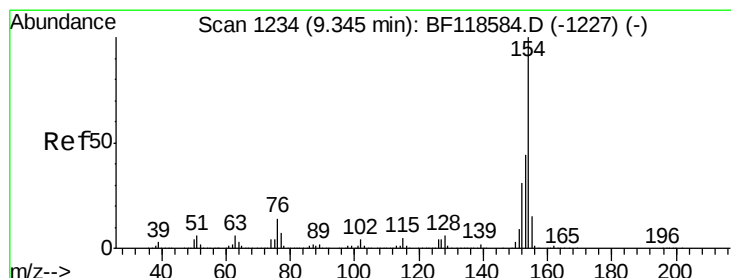
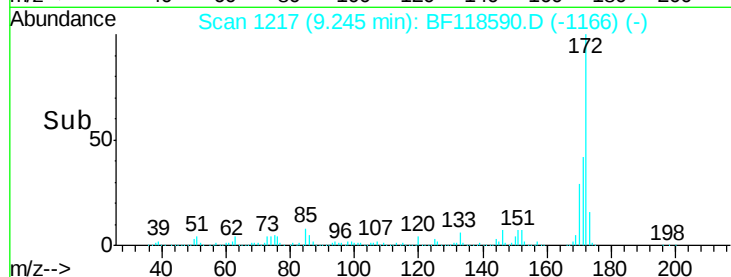
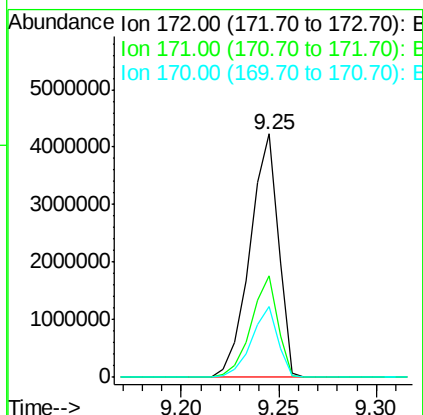
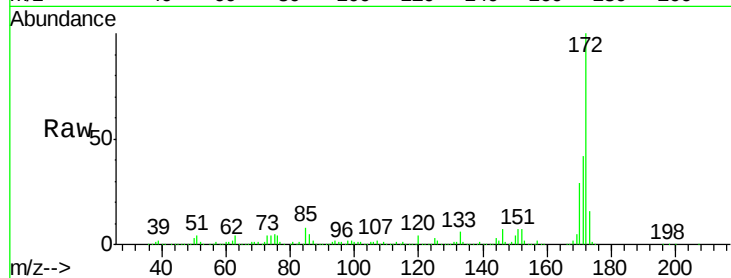




#45
2-Fluorobiphenyl
Concen: 76.049 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

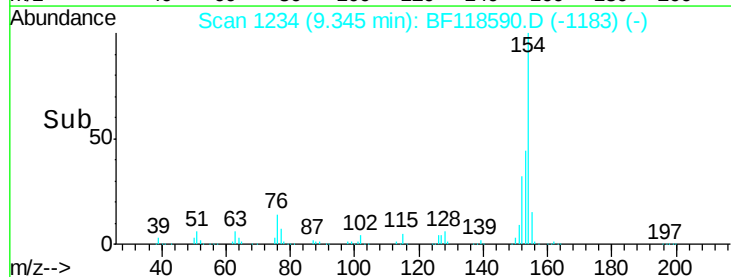
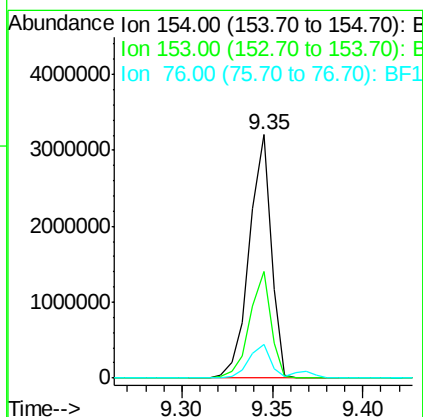
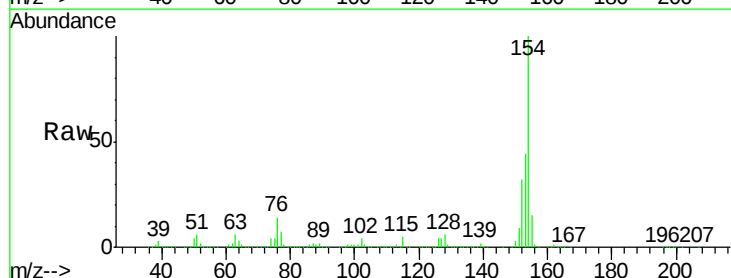
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

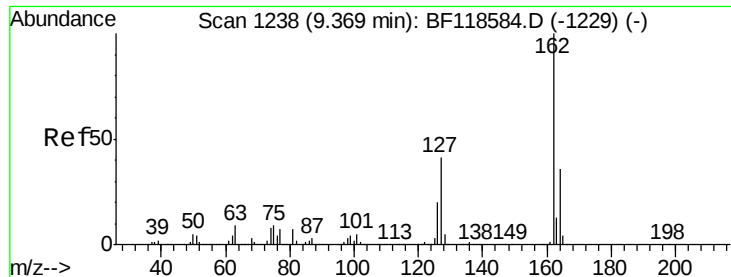
Tot Ion:172 Resp: 4282630
Ion Ratio Lower Upper
172 100
171 41.6 33.4 50.2
170 28.9 23.2 34.8



#46
1,1'-Biphenyl
Concen: 42.231 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:154 Resp: 2693956
Ion Ratio Lower Upper
154 100
153 44.0 23.8 63.8
76 14.0 0.0 34.3

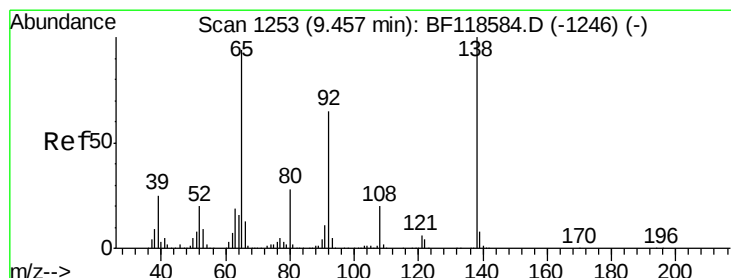
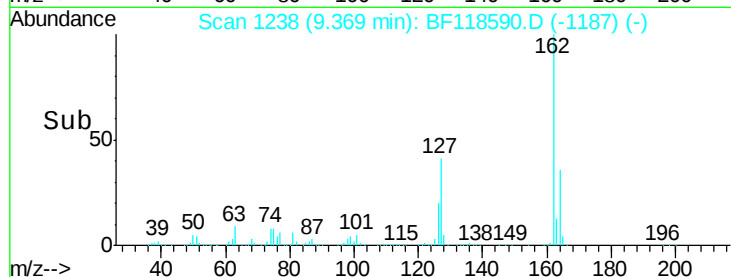
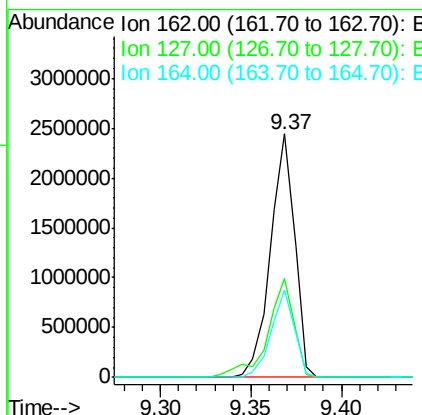
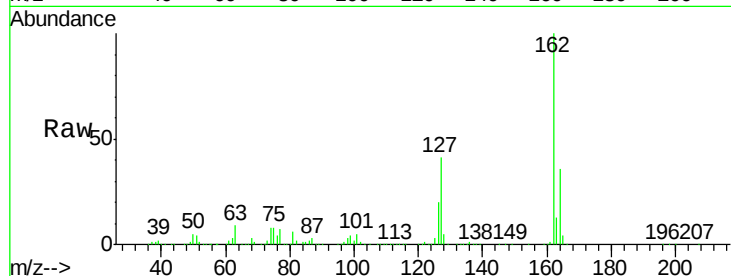




#47
 2-Chloronaphthalene
 Concen: 42.070 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

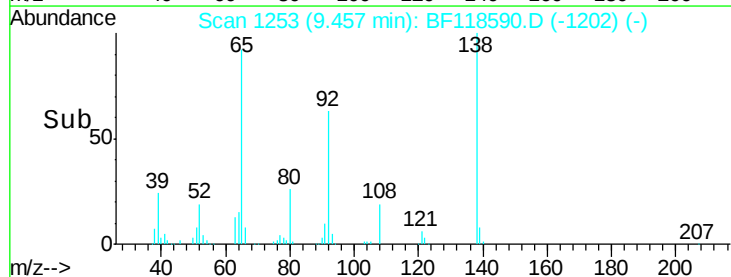
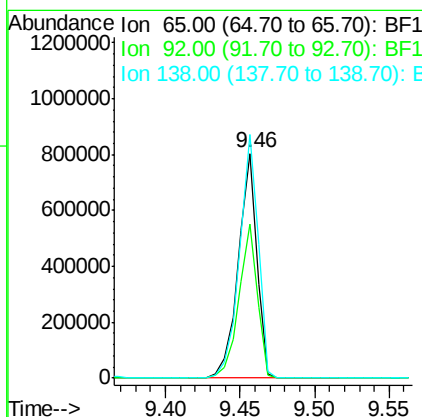
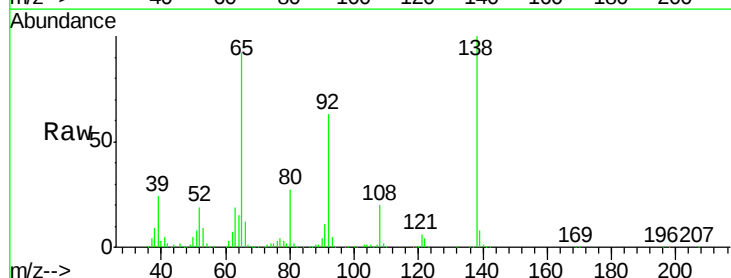
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012020

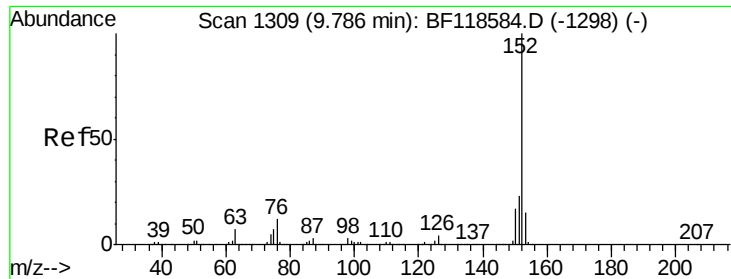
Tot Ion:162 Resp: 2261989
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.0 49.6
 164 36.1 28.6 42.8



#48
 2-Nitroaniline
 Concen: 42.449 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

Tgt Ion: 65 Resp: 701598
 Ion Ratio Lower Upper
 65 100
 92 68.4 55.4 83.0
 138 108.3 85.0 127.6





#49

Acenaphthylene

Concen: 42.200 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

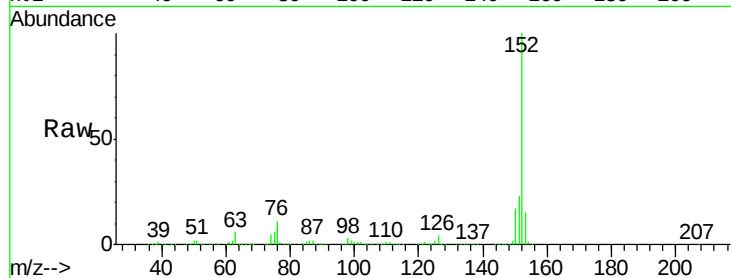
BNA_F

ClientSampleId :

ICVBF012020

Tot Ion:152 Resp: 3192007

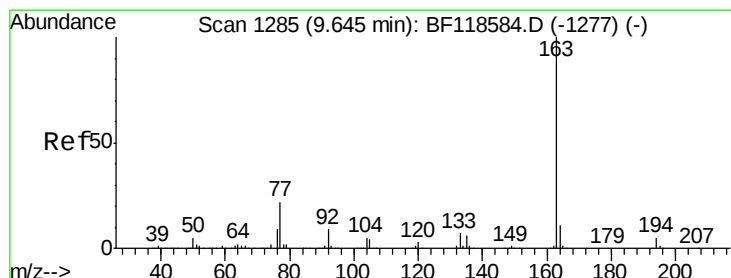
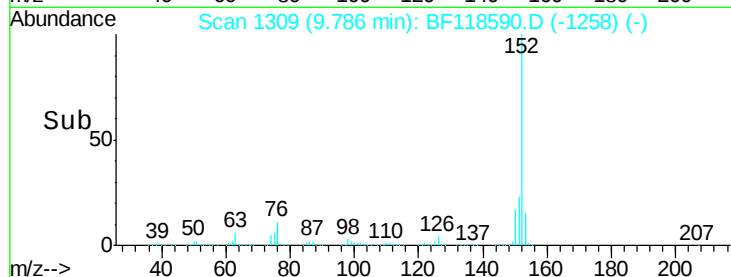
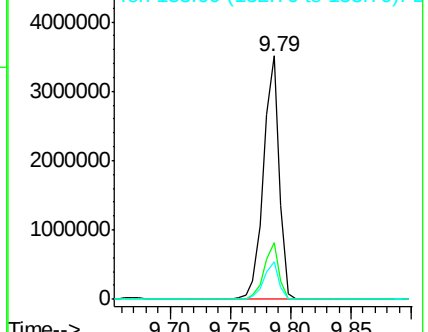
Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.6	27.8
153	15.2	12.2	18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.929 ng

RT: 9.65 min Scan# 1285

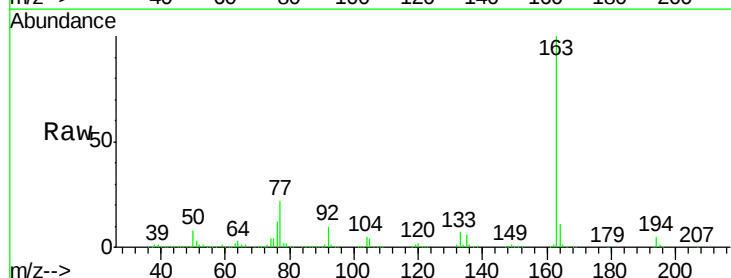
Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Tgt Ion:163 Resp: 2528459

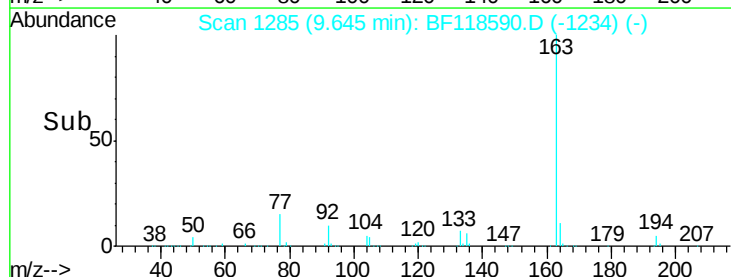
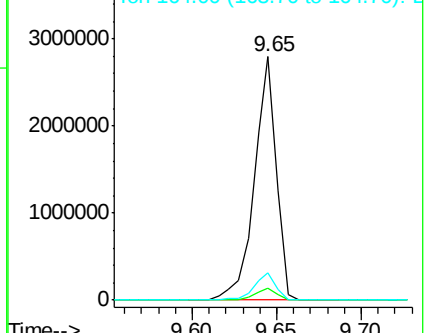
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.9	5.9
164	11.2	9.1	13.7

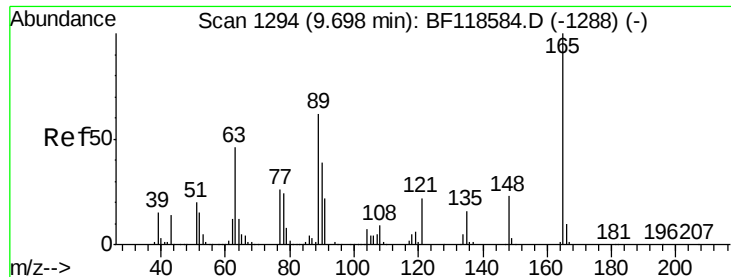


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

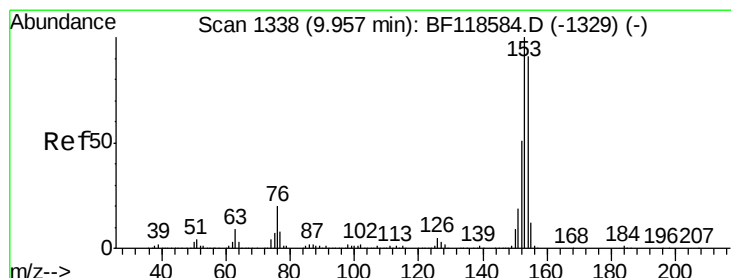
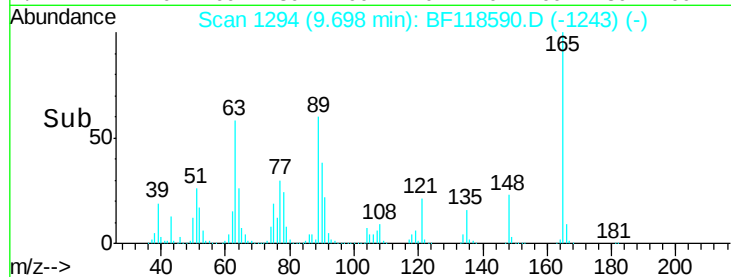
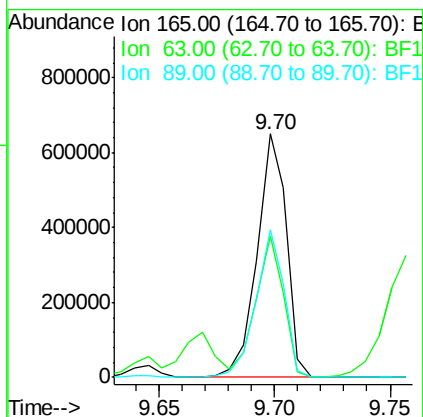
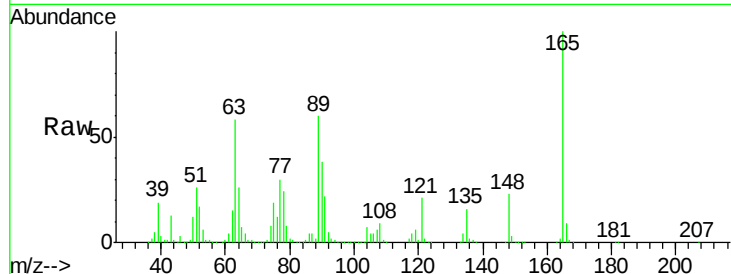




#51
 2,6-Dinitrotoluene
 Concen: 42.715 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

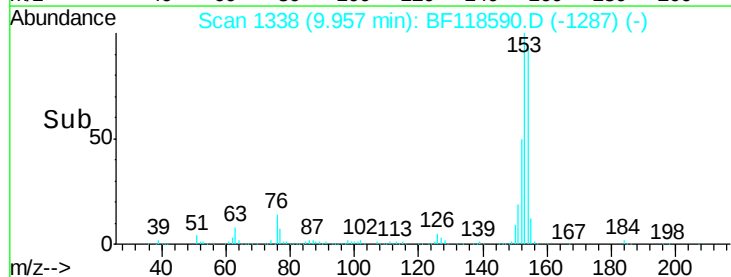
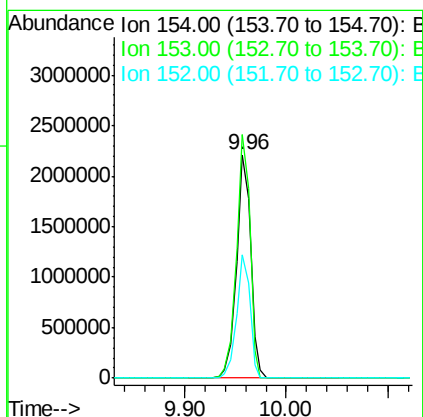
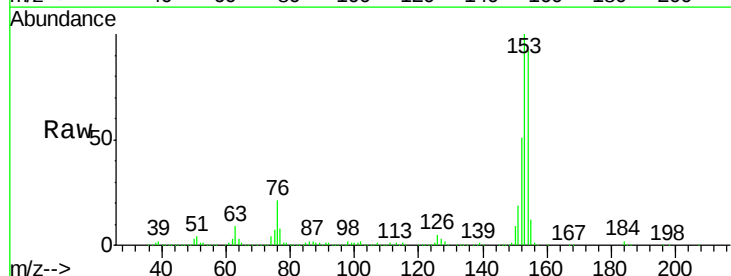
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012020

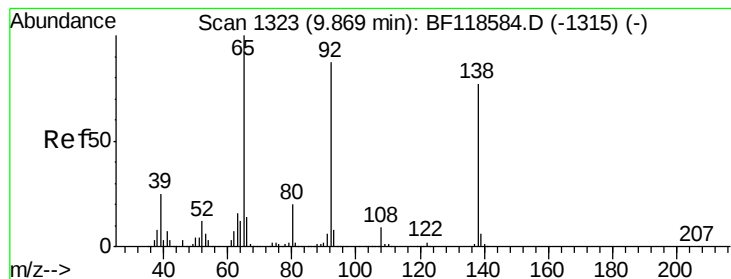
Tot Ion:165 Resp: 576800
 Ion Ratio Lower Upper
 165 100
 63 57.9 48.9 73.3
 89 60.5 49.8 74.6



#52
 Acenaphthene
 Concen: 42.471 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118590.D
 Acq: 20 Jan 2020 14:38

Tgt Ion:154 Resp: 2148165
 Ion Ratio Lower Upper
 154 100
 153 108.9 87.6 131.4
 152 55.4 44.4 66.6





#53

3-Nitroaniline

Concen: 42.617 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

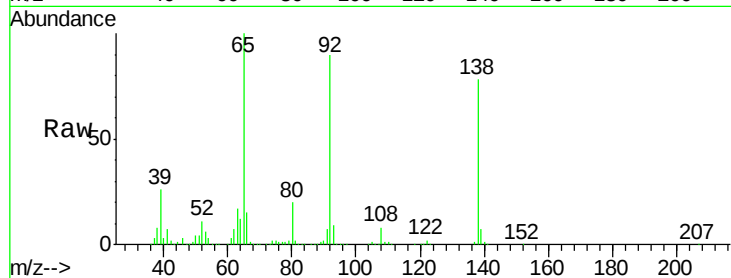
Tot Ion:138 Resp: 657125

Ion Ratio Lower Upper

138 100

108 10.8 9.6 14.4

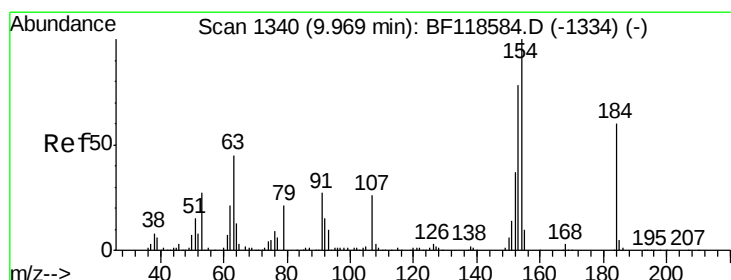
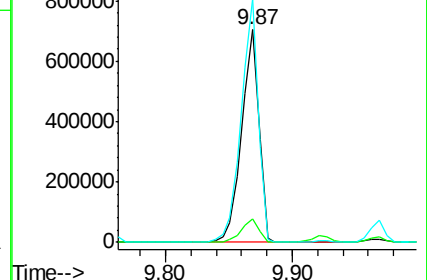
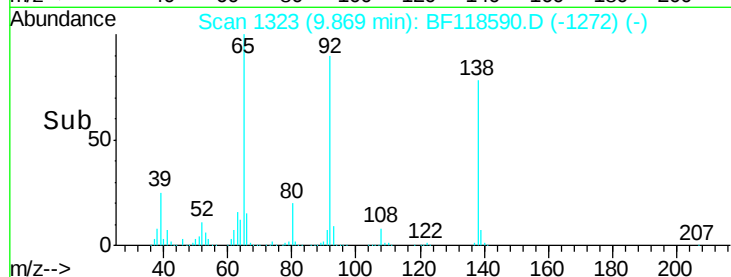
92 114.7 90.6 136.0



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: 43.424 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

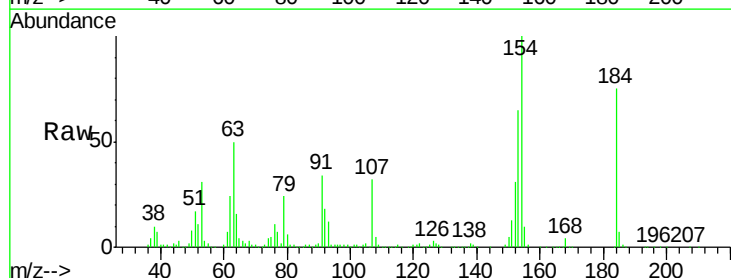
Tgt Ion:184 Resp: 234095

Ion Ratio Lower Upper

184 100

63 66.5 60.6 90.8

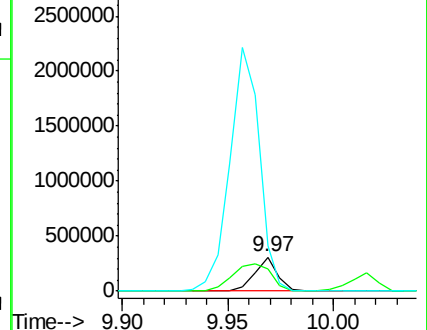
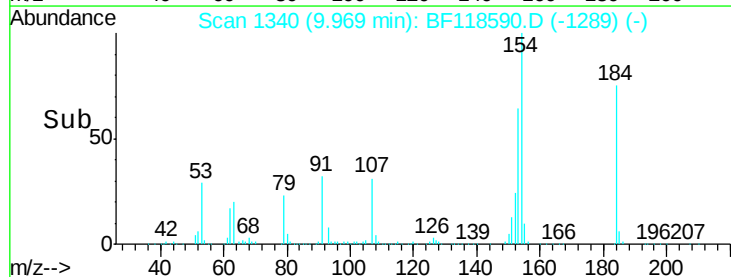
154 134.0 137.3 205.9#

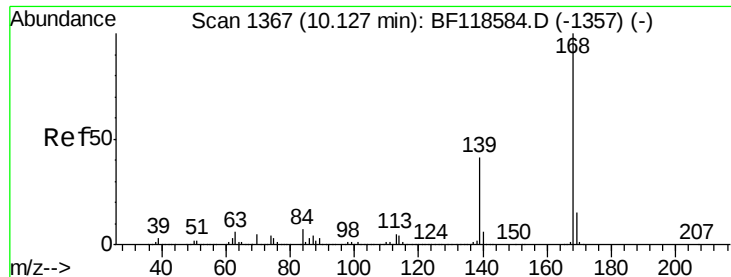


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

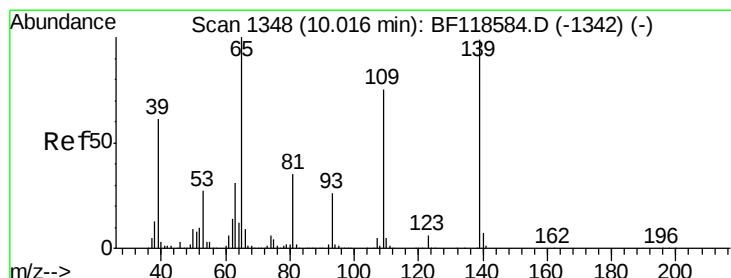
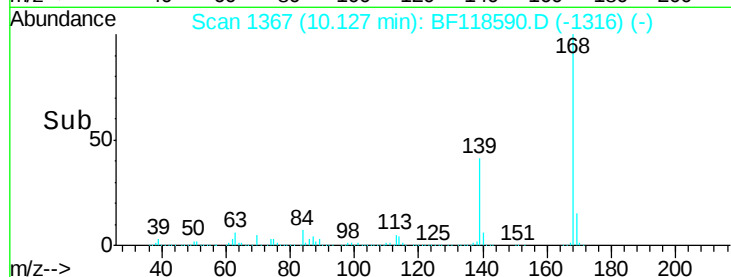
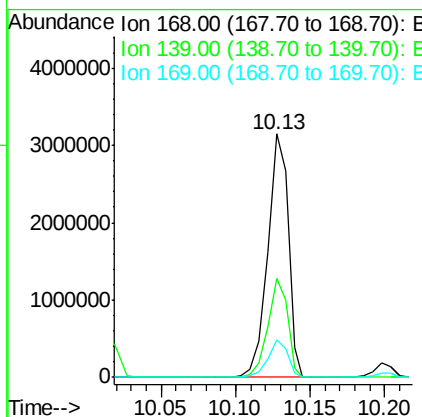
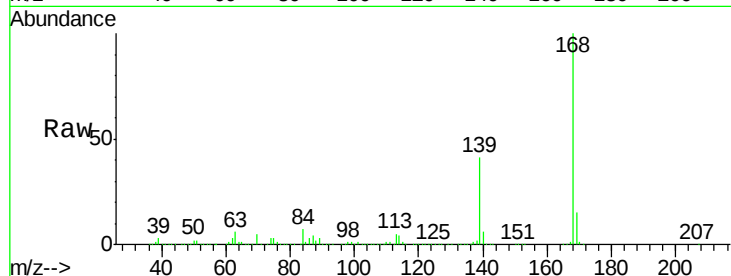




#55
Dibenzenofuran
Concen: 42.354 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

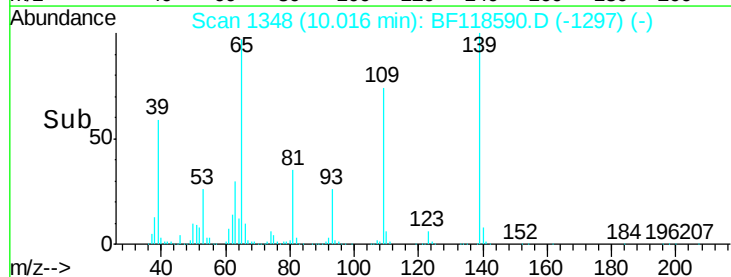
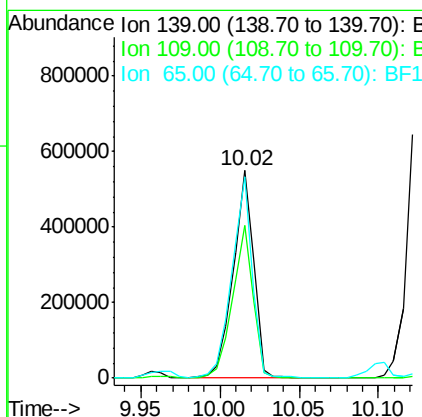
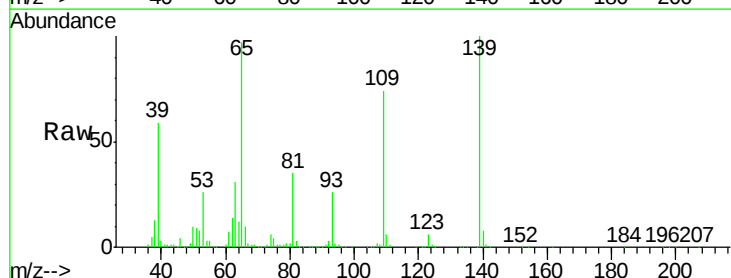
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

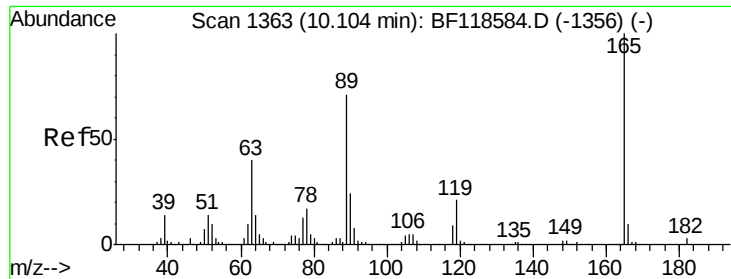
Tot Ion:168 Resp: 2968707
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 15.4 12.2 18.2



#56
4-Nitrophenol
Concen: 42.724 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:139 Resp: 497310
Ion Ratio Lower Upper
139 100
109 74.0 56.0 96.0
65 97.0 81.4 121.4

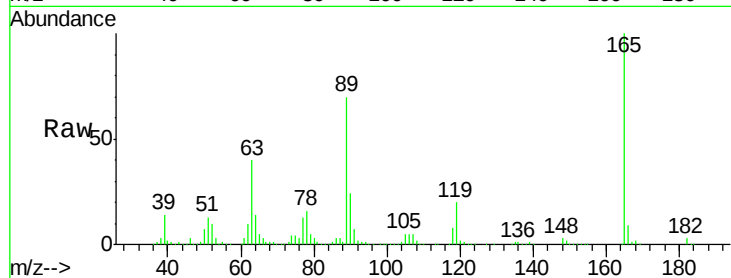




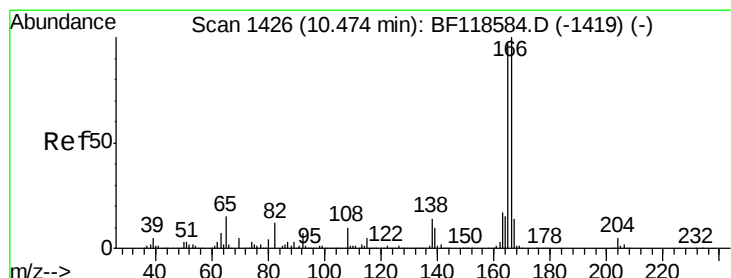
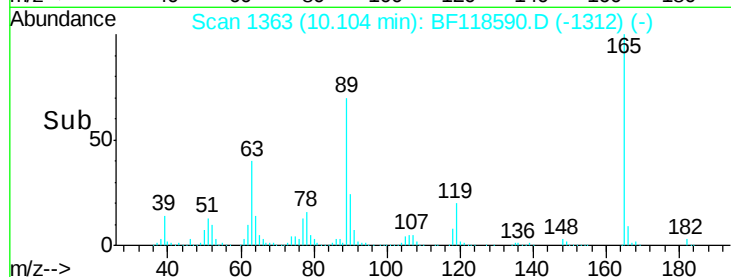
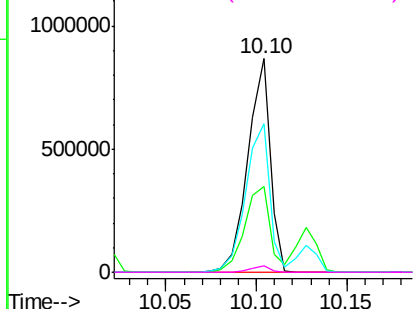
#57
2,4-Dinitrotoluene
Concen: 43.654 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:165 Resp: 743118
Ion Ratio Lower Upper
165 100
63 39.9 32.4 48.6
89 69.6 56.4 84.6
182 2.7 2.3 3.5

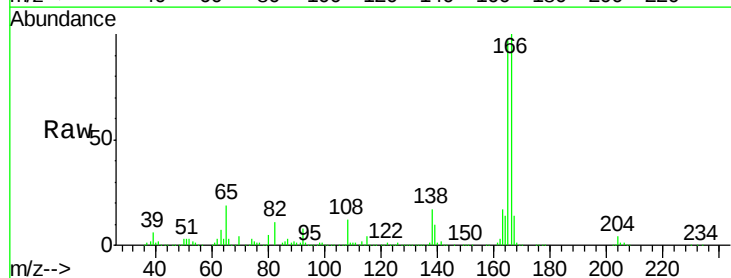


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

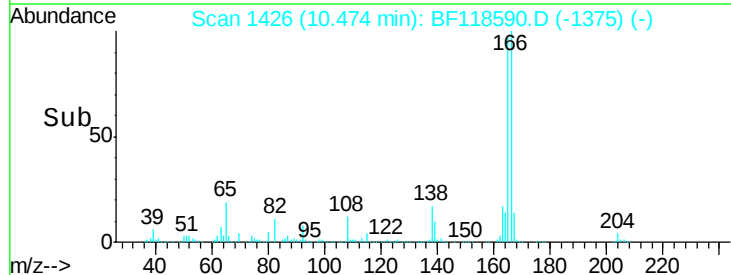
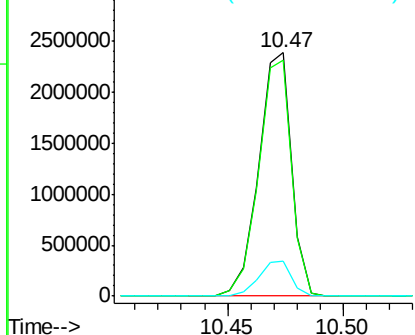


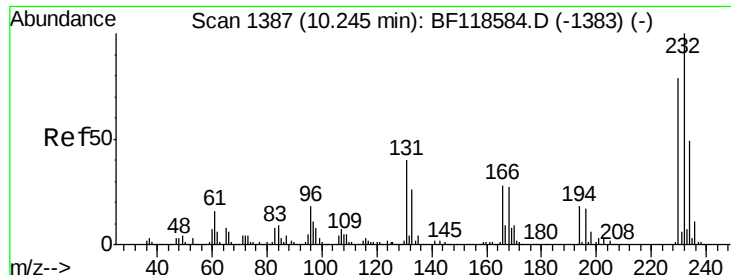
#58
Fluorene
Concen: 42.871 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:166 Resp: 2359027
Ion Ratio Lower Upper
166 100
165 97.1 77.3 115.9
167 14.2 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

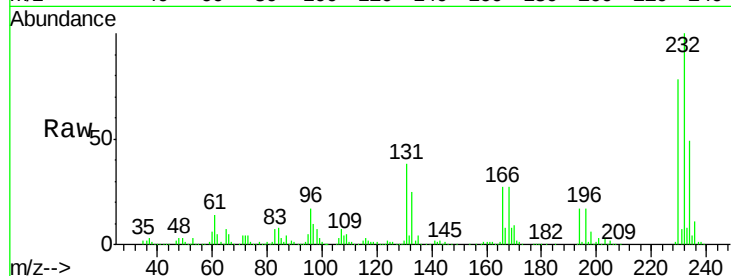




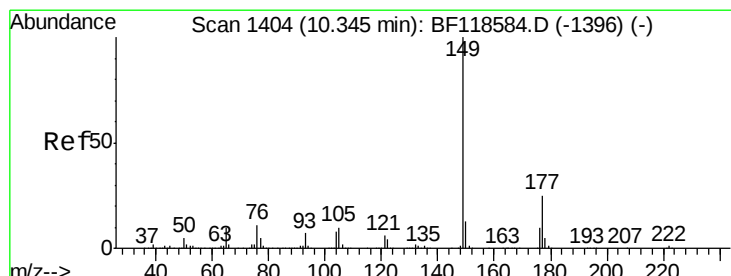
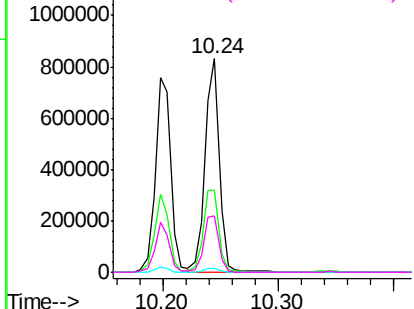
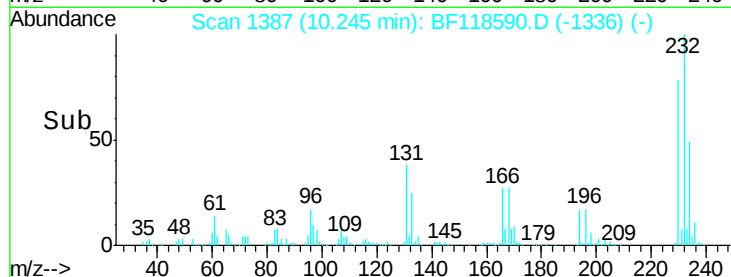
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.608 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:232 Resp: 718298
Ion Ratio Lower Upper
232 100
131 42.0 33.2 49.8
130 2.1 1.8 2.6
166 28.5 22.6 33.8

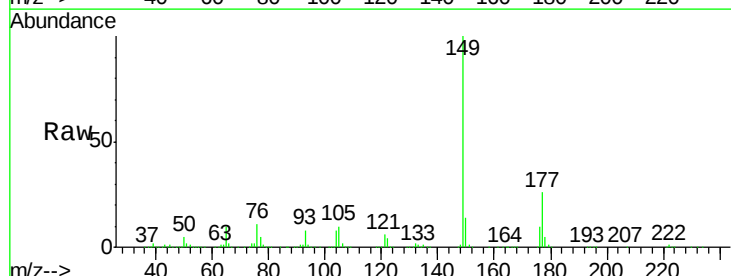


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

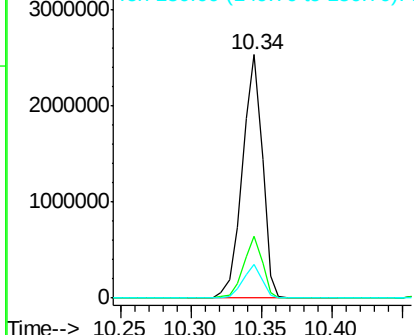
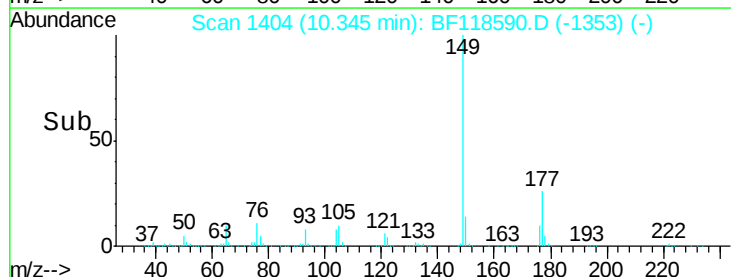


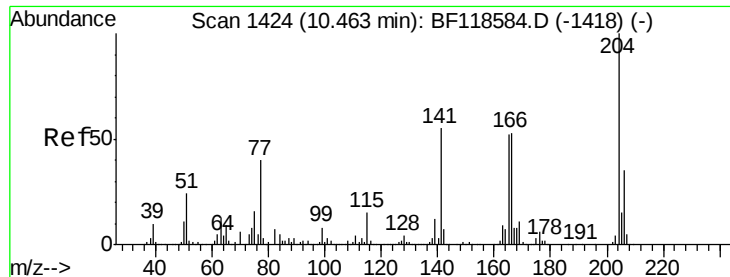
#60
Diethylphthalate
Concen: 42.792 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:149 Resp: 2501964
Ion Ratio Lower Upper
149 100
177 25.5 20.0 30.0
150 13.6 10.6 16.0



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

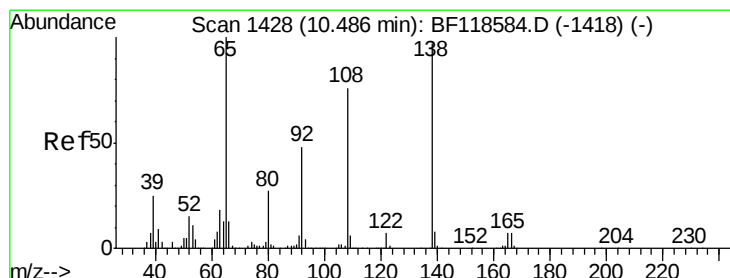
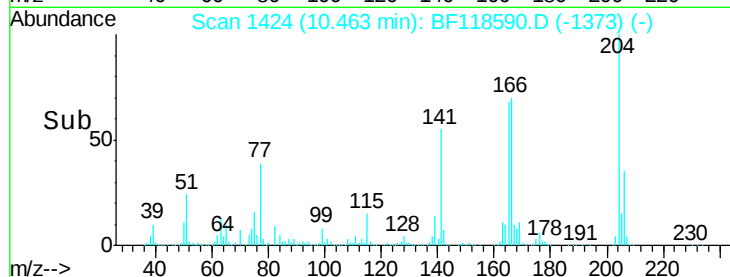
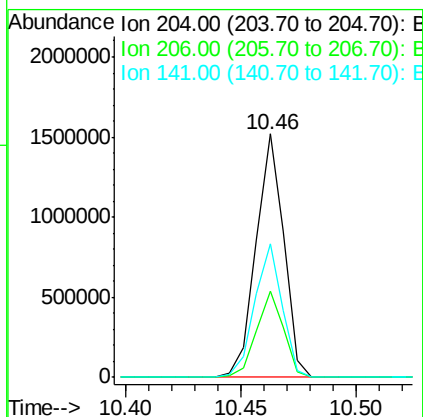
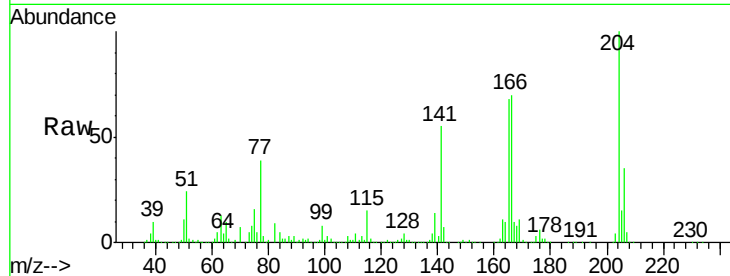




#61
4-Chlorophenyl-phenylether
Concen: 42.521 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

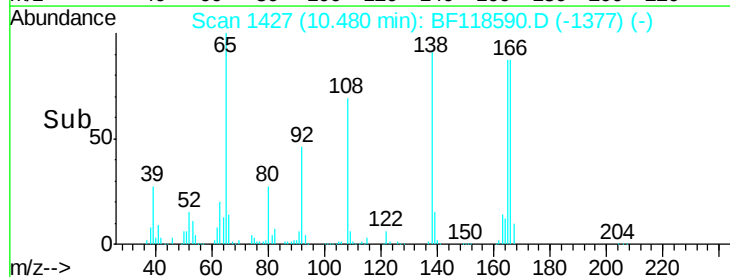
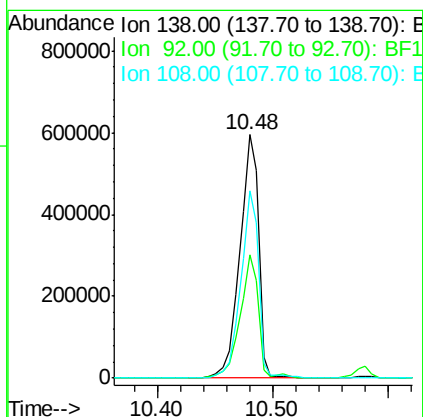
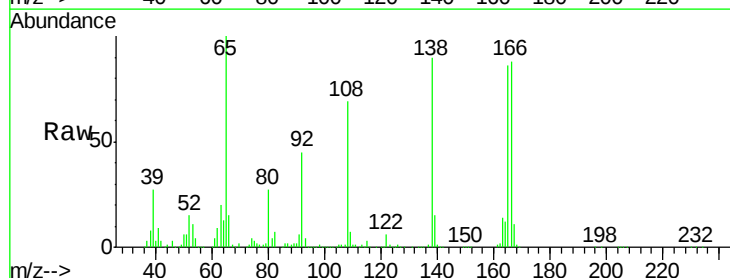
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

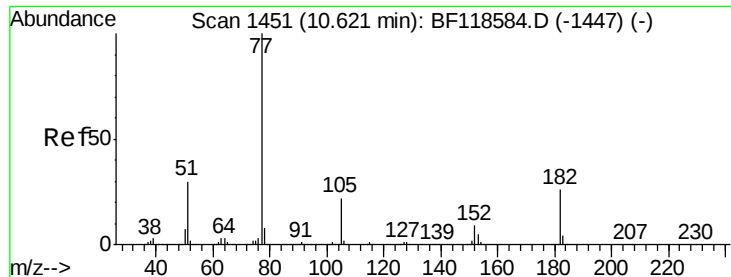
Tot Ion:204 Resp: 1272552
Ion Ratio Lower Upper
204 100
206 35.3 27.8 41.6
141 54.8 43.7 65.5



#62
4-Nitroaniline
Concen: 42.313 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:138 Resp: 669236
Ion Ratio Lower Upper
138 100
92 50.5 29.4 69.4
108 76.8 58.2 98.2

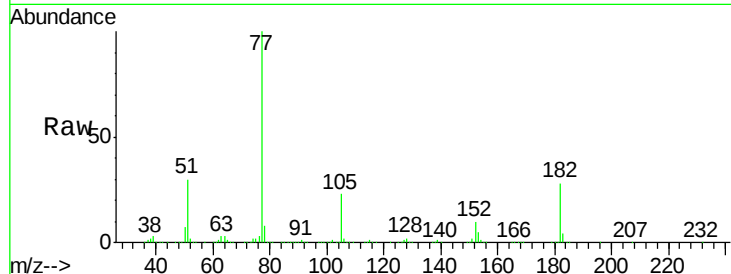




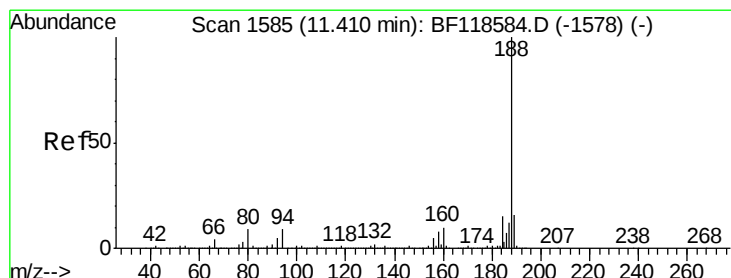
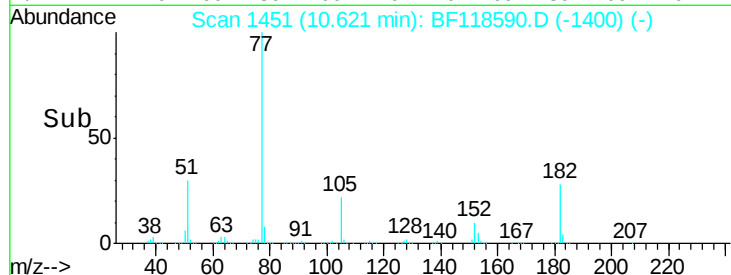
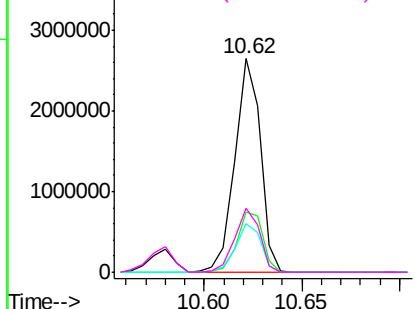
#63
Azobenzene
Concen: 42.449 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion: 77 Resp: 2403669
Ion Ratio Lower Upper
77 100
182 27.9 5.6 45.6
105 22.6 2.0 42.0
51 30.2 10.2 50.2

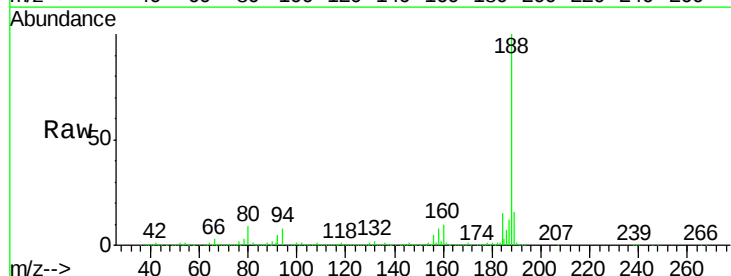


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

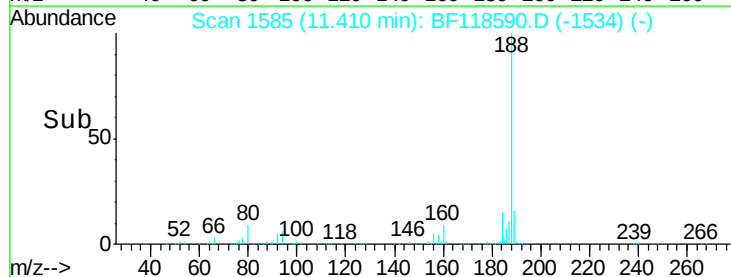
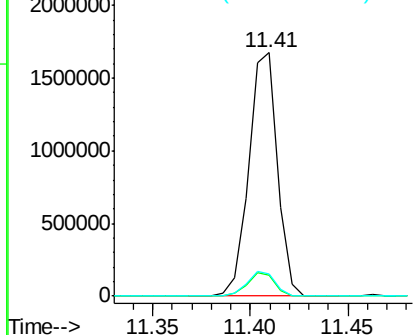


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 188 Resp: 1695035
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.587 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

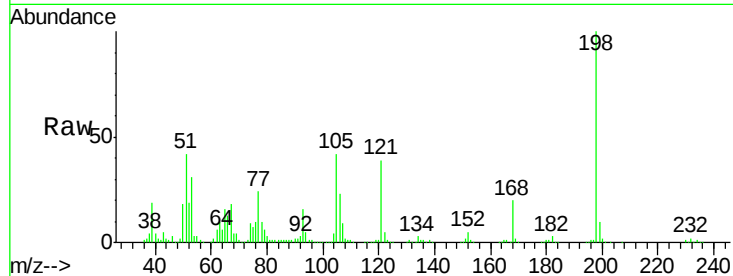
Tot Ion:198 Resp: 324874

Ion Ratio Lower Upper

198 100

51 41.8 25.2 65.2

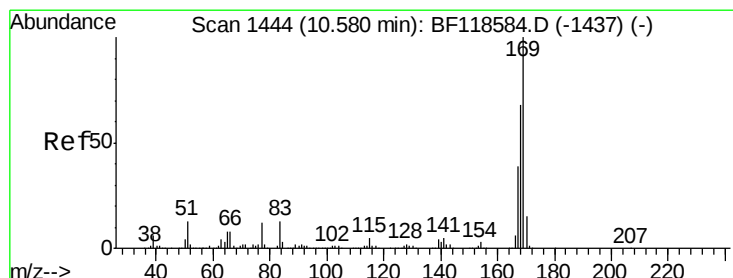
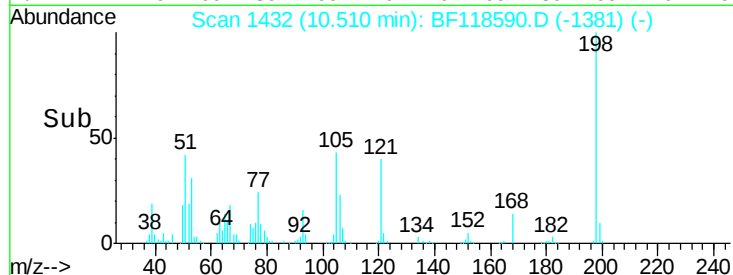
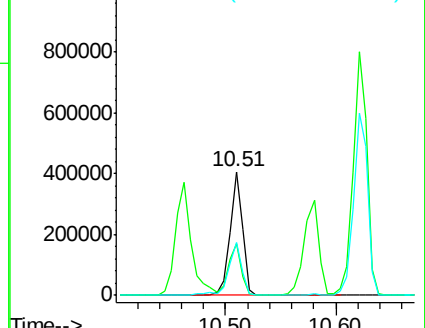
105 42.2 26.3 66.3



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: 42.129 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

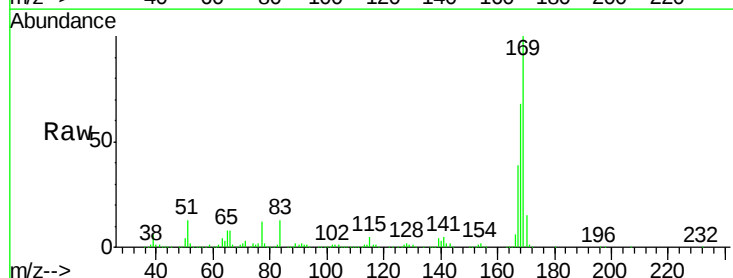
Tgt Ion:169 Resp: 2153567

Ion Ratio Lower Upper

169 100

168 68.4 54.6 82.0

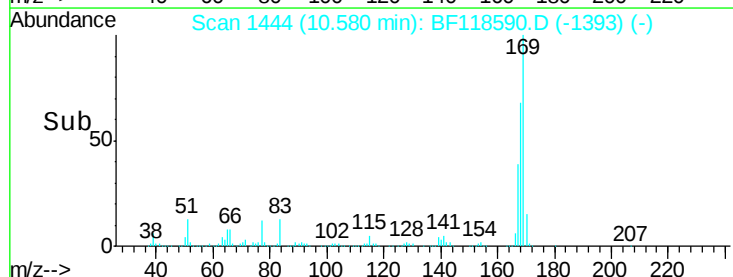
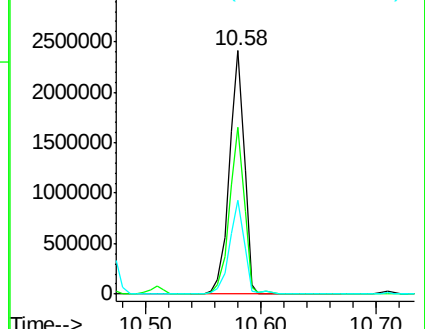
167 38.8 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

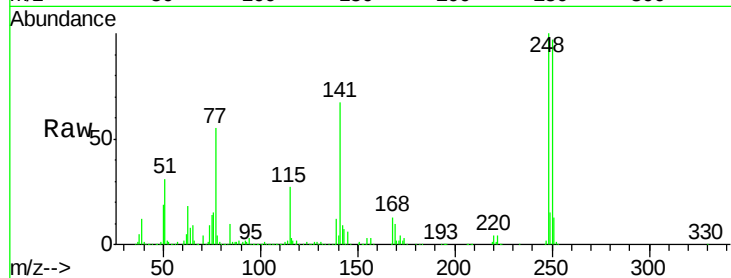




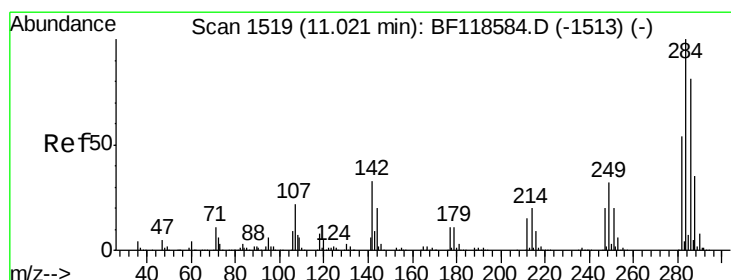
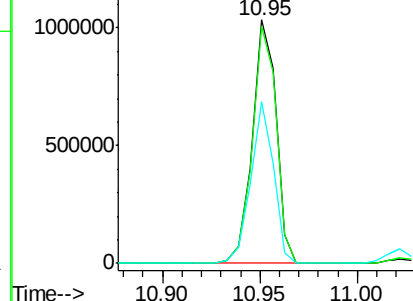
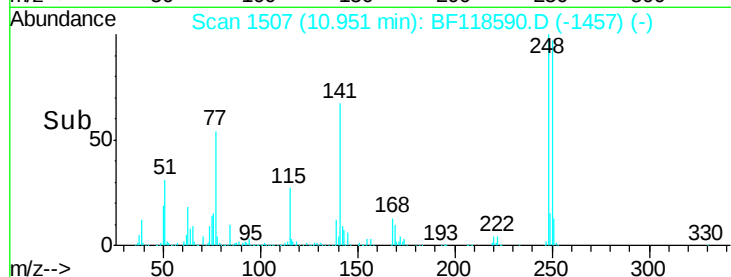
#67
4-Bromophenyl-phenylether
Concen: 41.704 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:248 Resp: 873347
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 66.7 43.2 64.8#

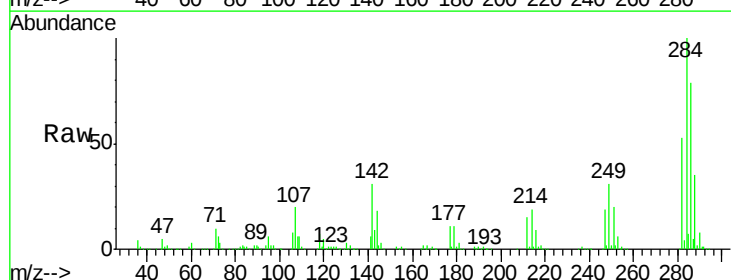


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

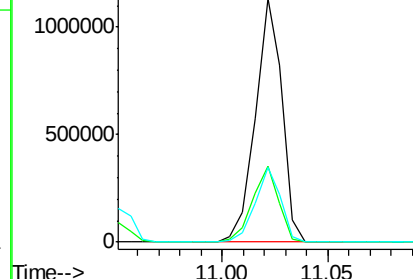
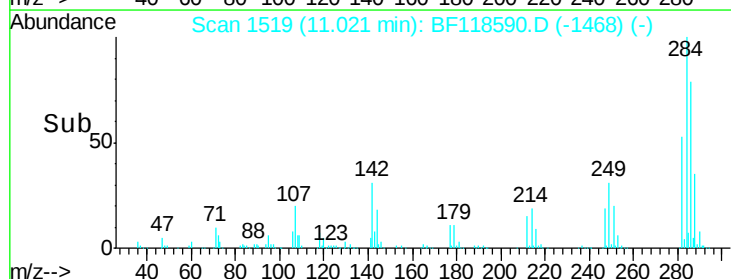


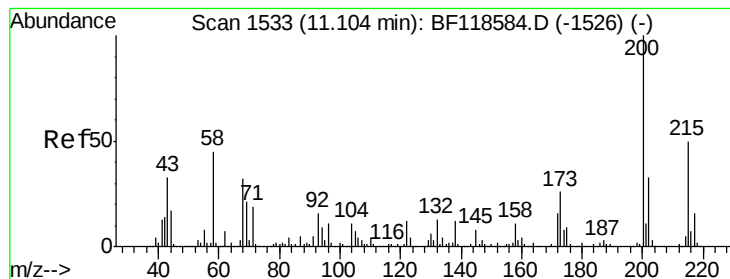
#68
Hexachlorobenzene
Concen: 41.611 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:284 Resp: 987944
Ion Ratio Lower Upper
284 100
142 31.1 26.6 39.8
249 30.9 25.2 37.8



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





#69

Atrazine

Concen: 41.950 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

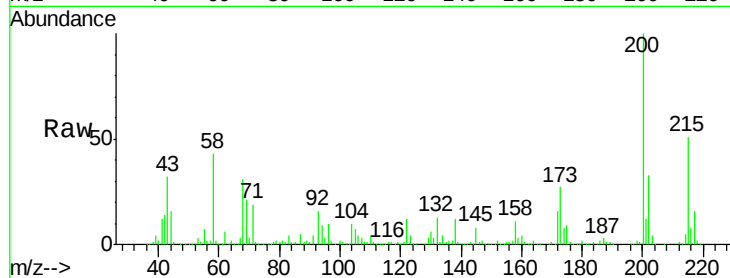
Tot Ion:200 Resp: 743255

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

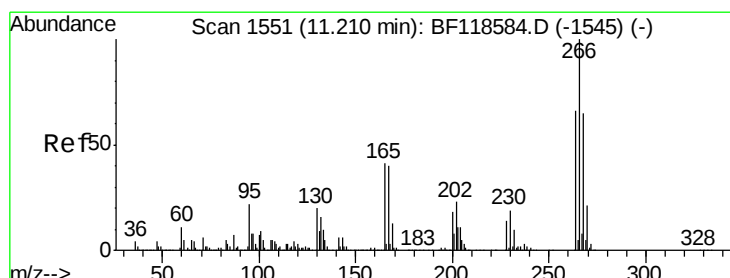
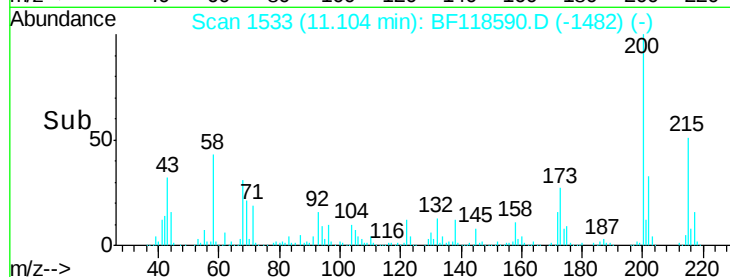
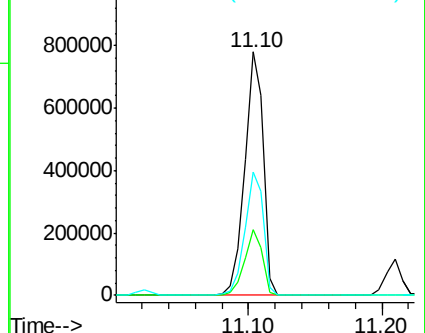
215 50.7 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.424 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

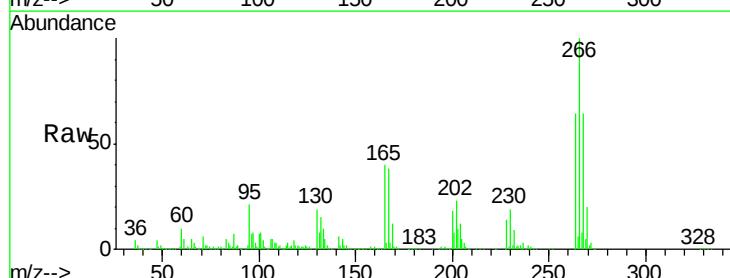
Tgt Ion:266 Resp: 560008

Ion Ratio Lower Upper

266 100

268 63.9 52.1 78.1

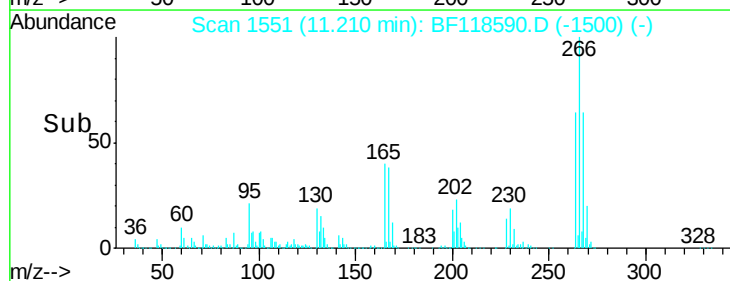
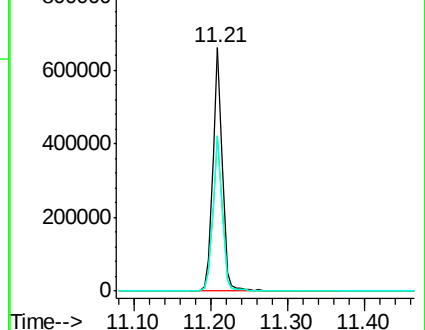
264 63.7 52.4 78.6

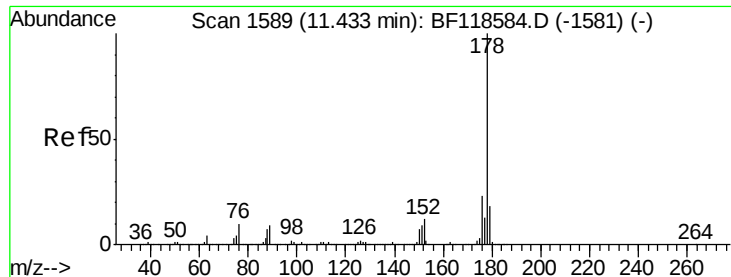


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

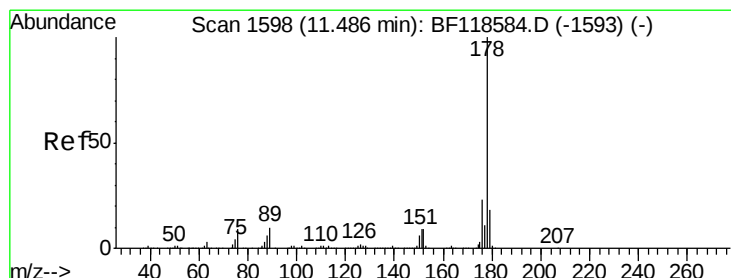
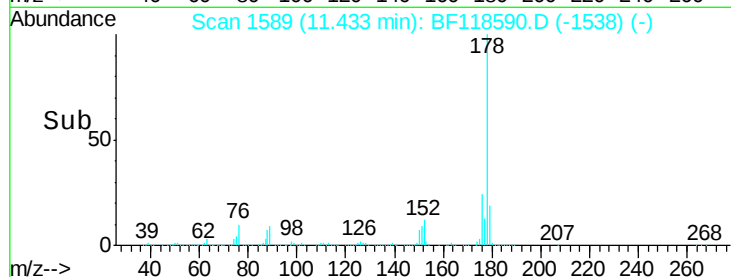
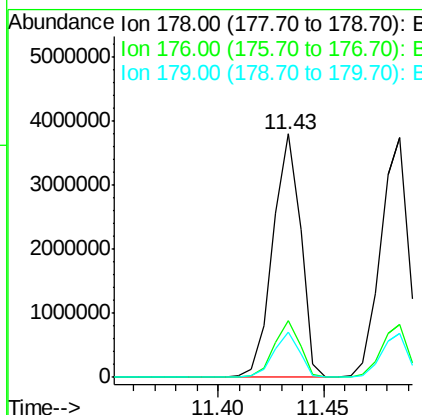
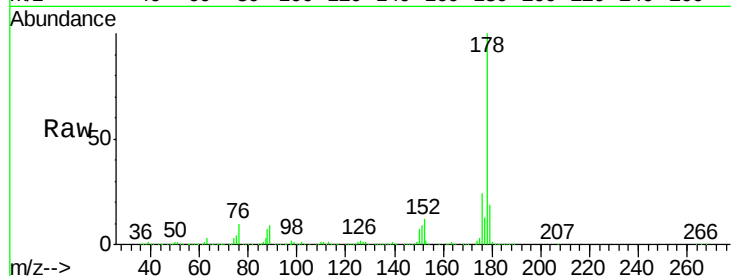




#71
Phenanthrene
Concen: 42.469 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

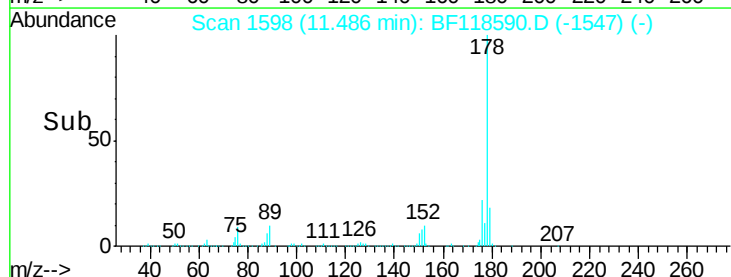
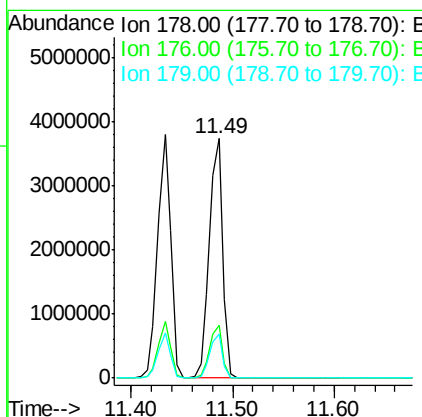
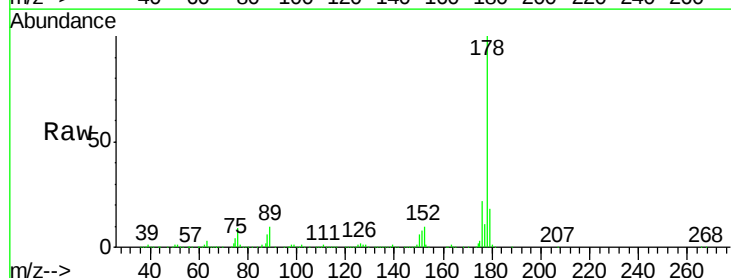
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

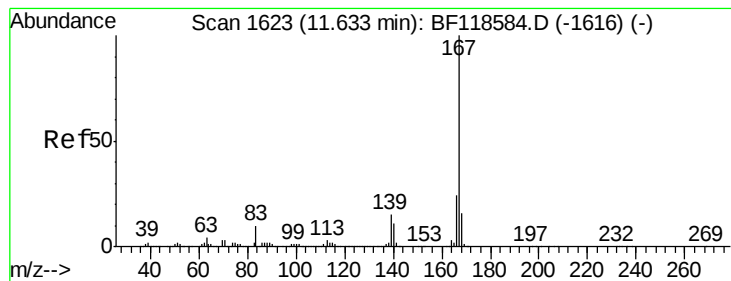
Tot Ion:178 Resp: 3472928
Ion Ratio Lower Upper
178 100
176 23.5 18.6 27.8
179 18.6 14.7 22.1



#72
Anthracene
Concen: 42.587 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:178 Resp: 3445978
Ion Ratio Lower Upper
178 100
176 22.3 18.0 27.0
179 18.2 14.7 22.1





#73

Carbazole

Concen: 42.514 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

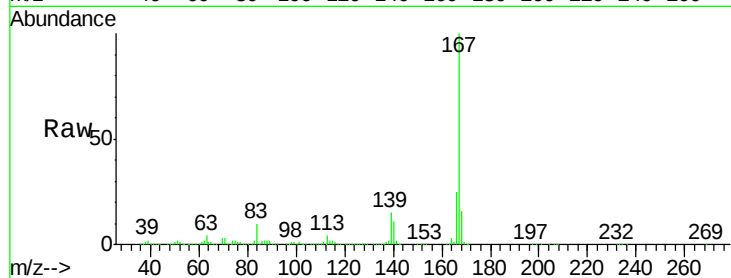
Tot Ion:167 Resp: 3155383

Ion Ratio Lower Upper

167 100

166 24.7 19.4 29.2

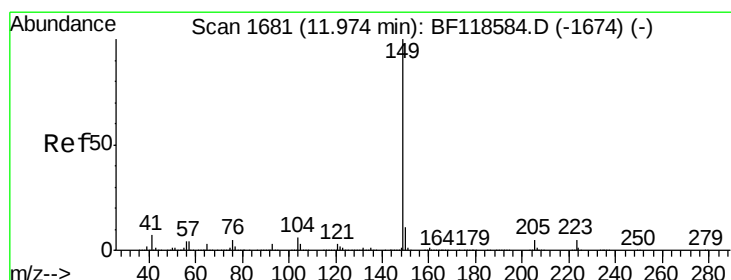
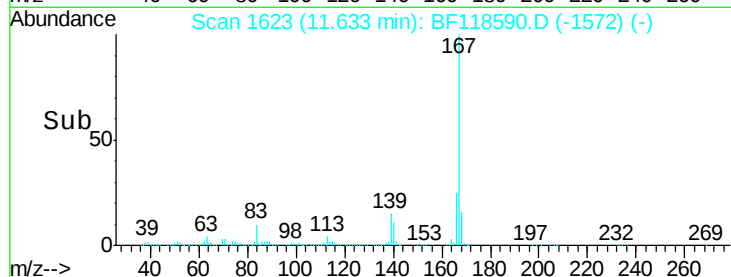
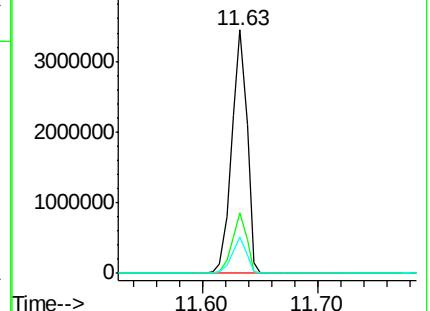
139 14.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.017 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

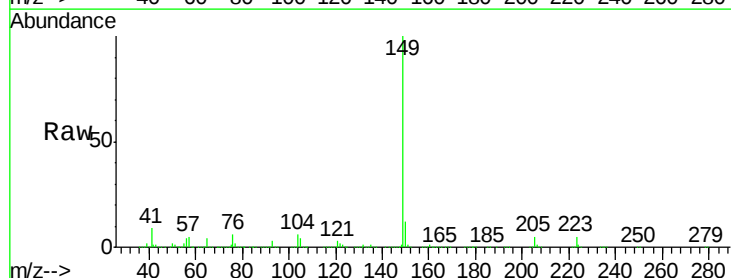
Tgt Ion:149 Resp: 3547160

Ion Ratio Lower Upper

149 100

150 11.6 8.7 13.1

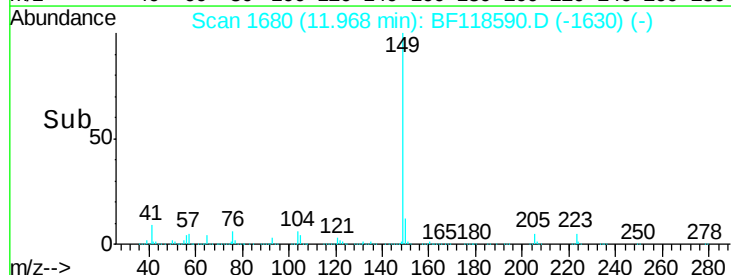
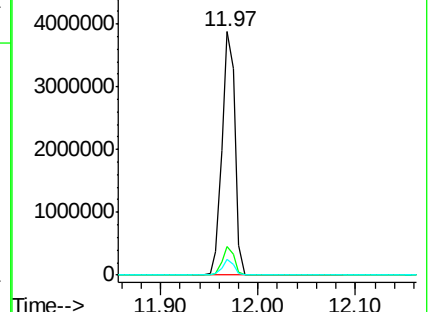
104 6.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.995 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

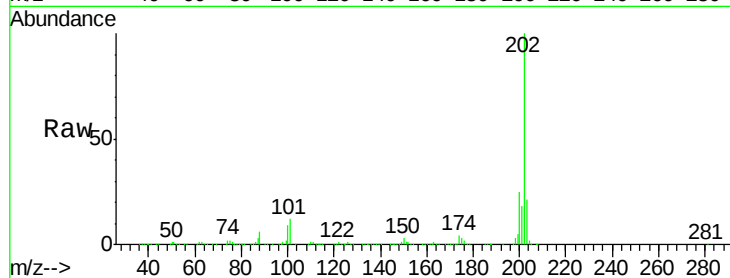
Tot Ion:202 Resp: 3708302

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

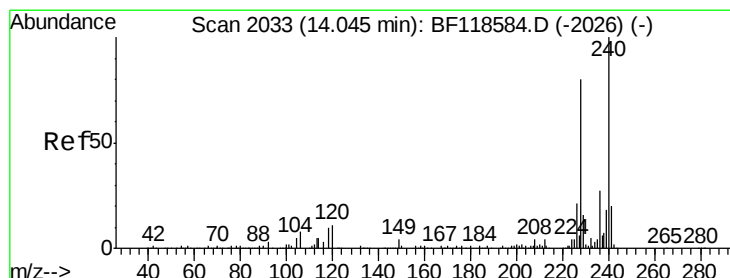
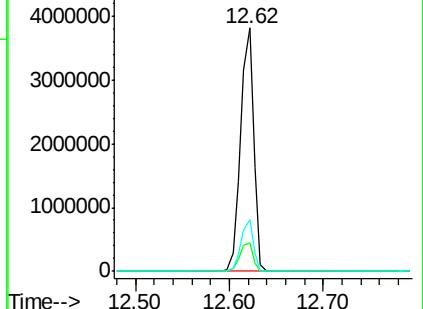
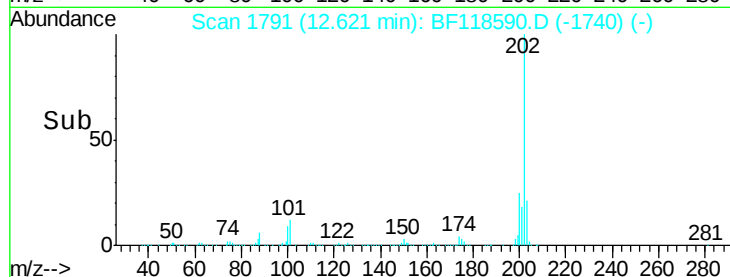
203 21.0 0.8 40.8



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: BF118590.D

Acq: 20 Jan 2020 14:38

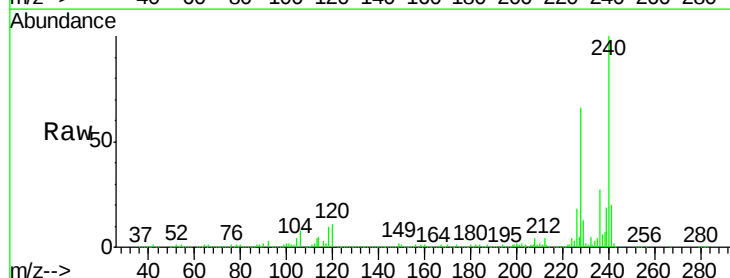
Tgt Ion:240 Resp: 1396587

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

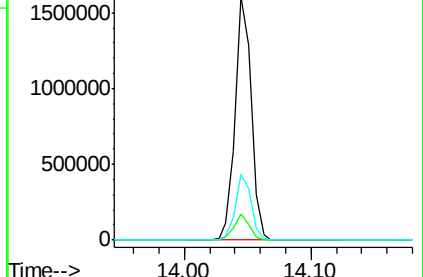
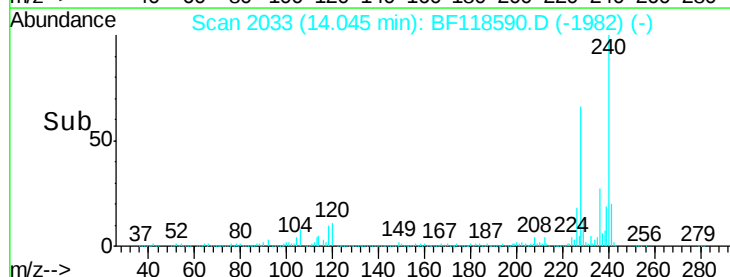
236 27.1 21.5 32.3

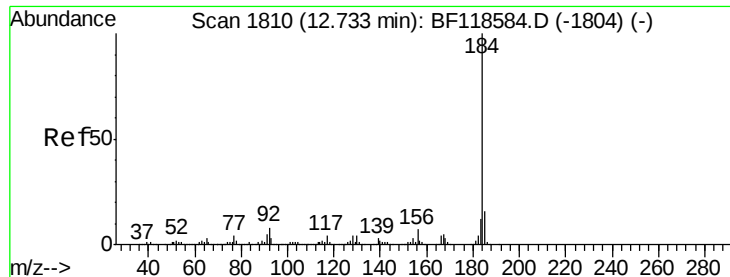


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.950 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

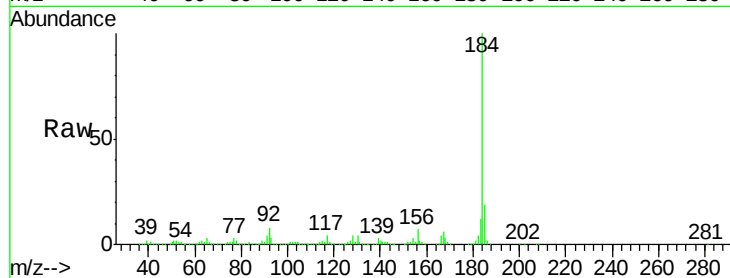
Tot Ion:184 Resp: 1490747

Ion Ratio Lower Upper

184 100

185 19.4 12.9 19.3#

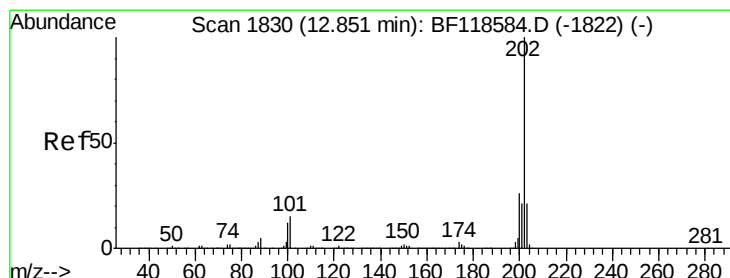
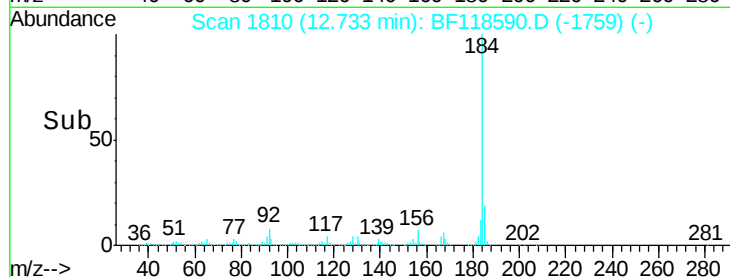
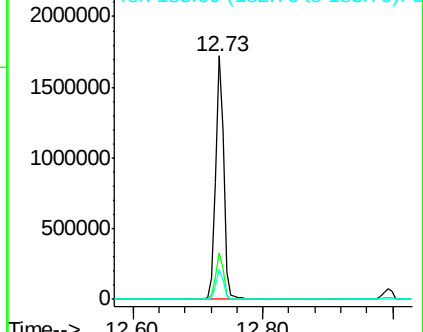
183 12.1 9.6 14.4



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: 39.614 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

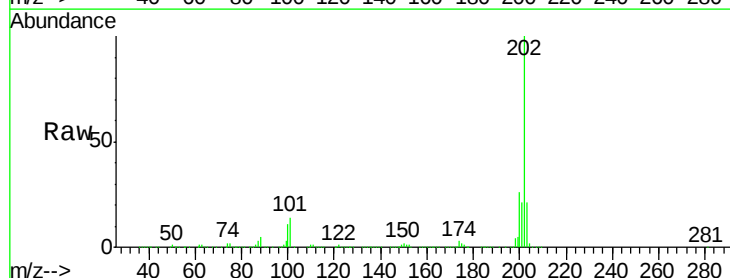
Tgt Ion:202 Resp: 3756056

Ion Ratio Lower Upper

202 100

200 25.9 20.6 31.0

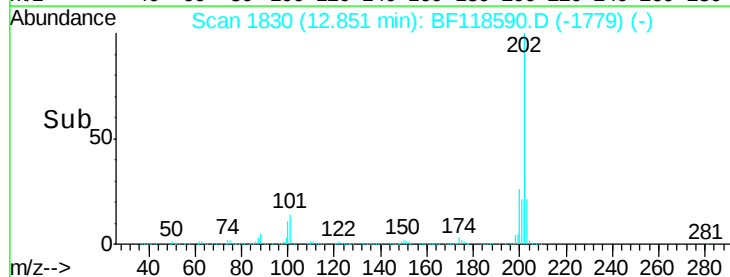
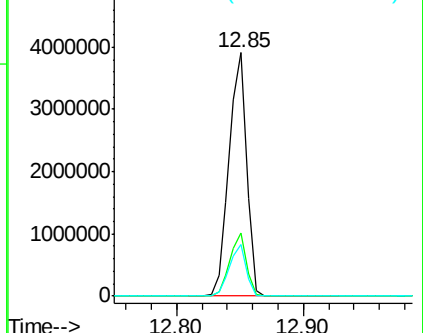
203 21.2 16.8 25.2

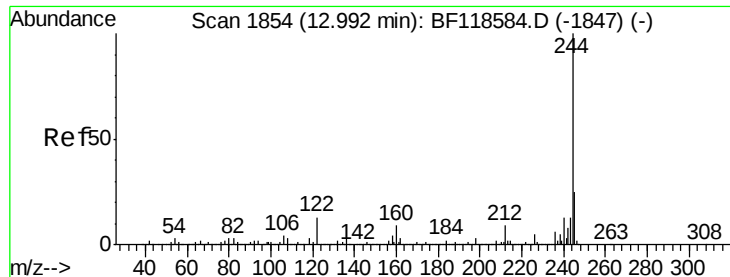


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.234 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

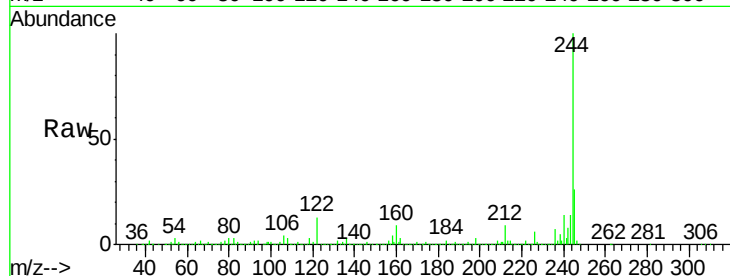
Tot Ion:244 Resp: 5073501

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

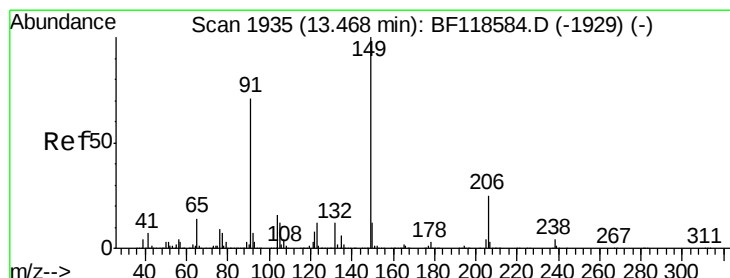
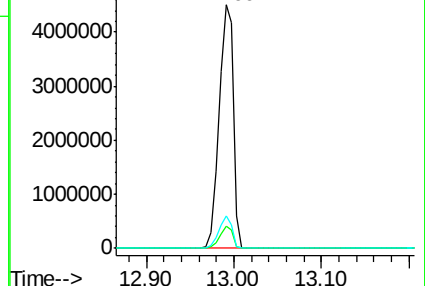
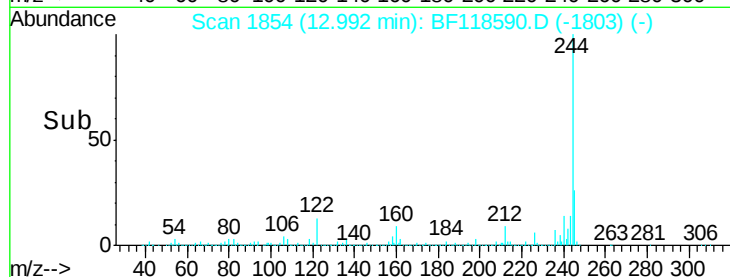
122 13.2 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.228 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

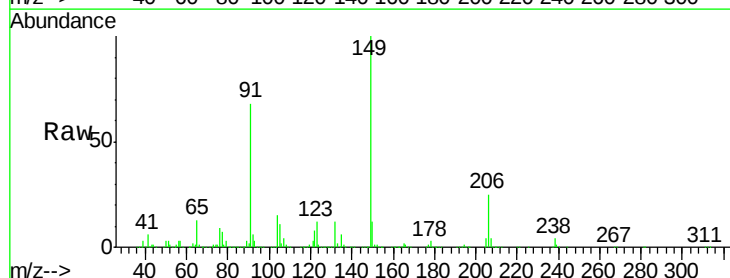
Tgt Ion:149 Resp: 1599840

Ion Ratio Lower Upper

149 100

91 67.8 56.5 84.7

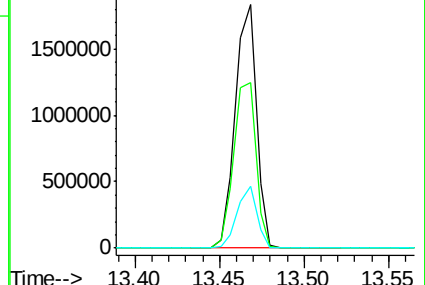
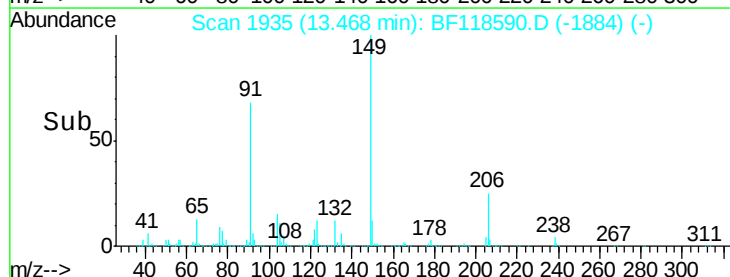
206 25.2 19.9 29.9

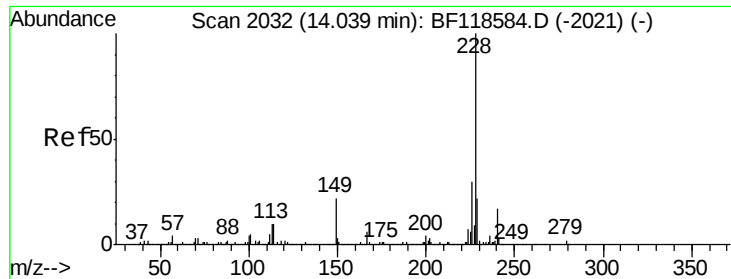


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

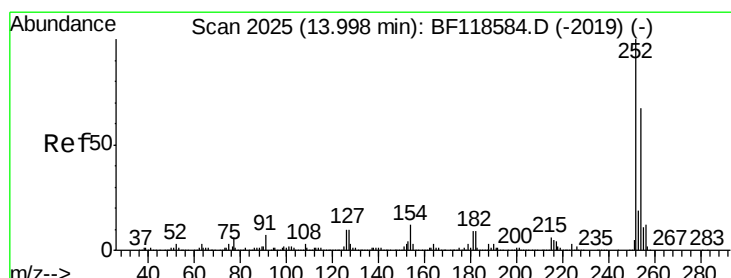
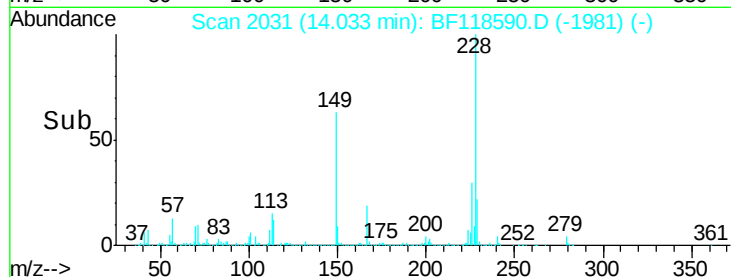
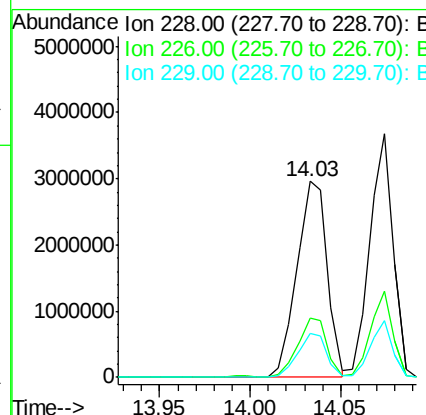
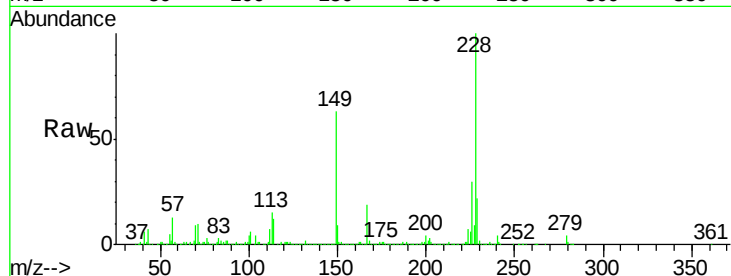




#81
Benzo(a)anthracene
Concen: 41.526 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

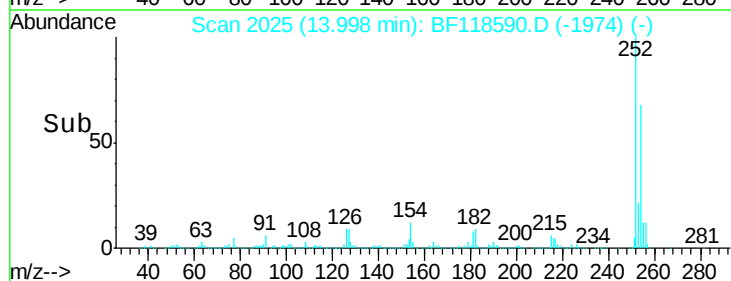
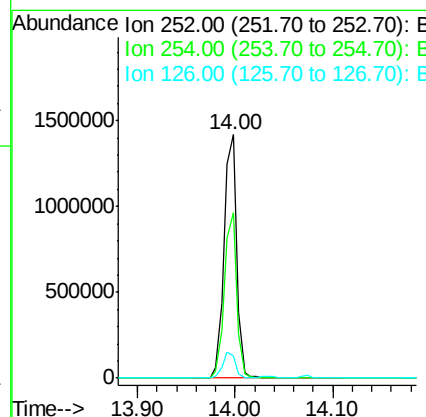
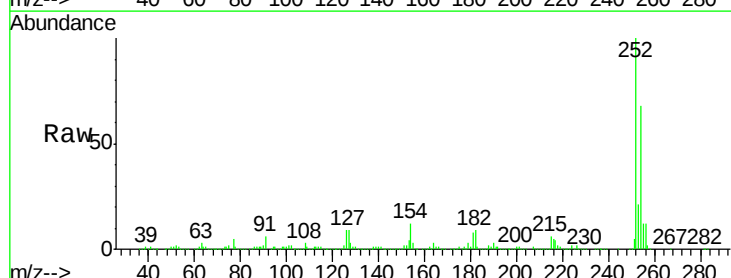
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

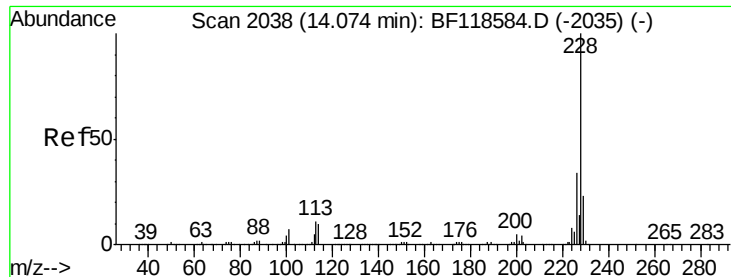
Tot Ion:228 Resp: 3488676
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 22.3 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 42.784 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:252 Resp: 1280779
Ion Ratio Lower Upper
252 100
254 68.1 53.4 80.2
126 9.1 8.0 12.0





#83

Chrysene

Concen: 41.222 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

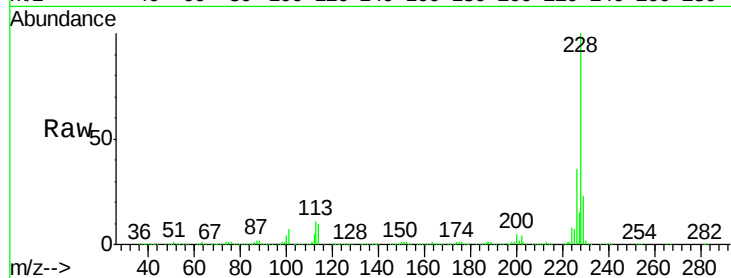
Tot Ion:228 Resp: 3319081

Ion Ratio Lower Upper

228 100

226 35.6 27.4 41.0

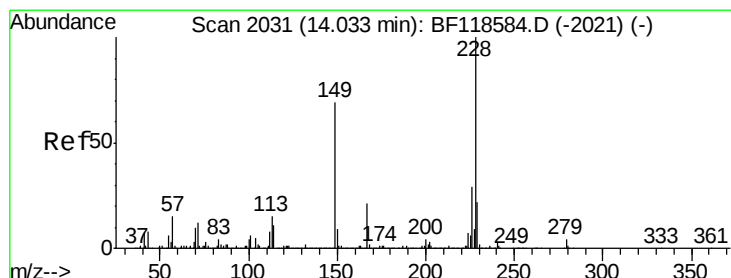
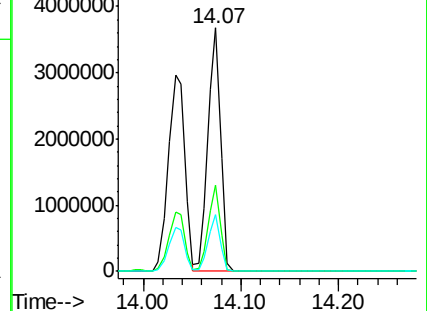
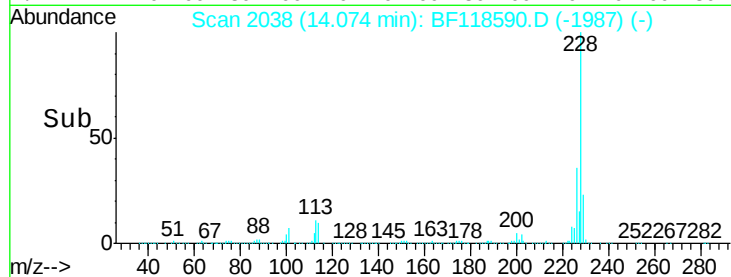
229 23.1 18.3 27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.933 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

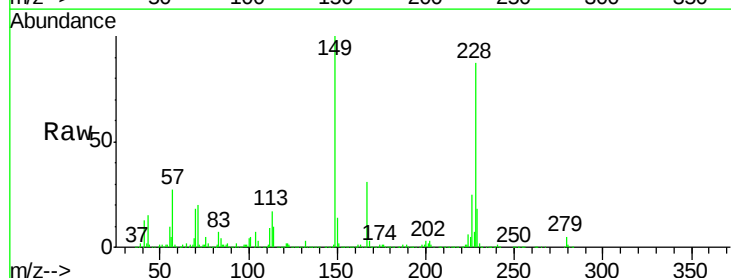
Tgt Ion:149 Resp: 2035374

Ion Ratio Lower Upper

149 100

167 30.7 24.2 36.4

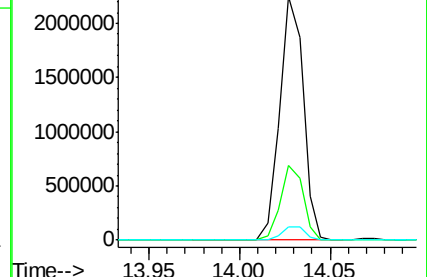
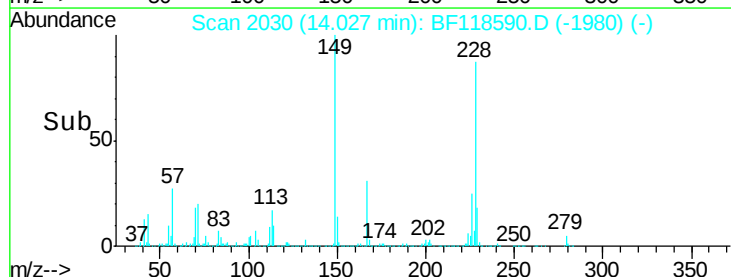
279 5.3 5.0 7.4

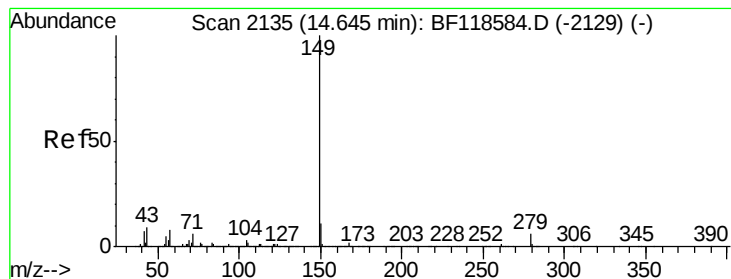


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.031 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF012020

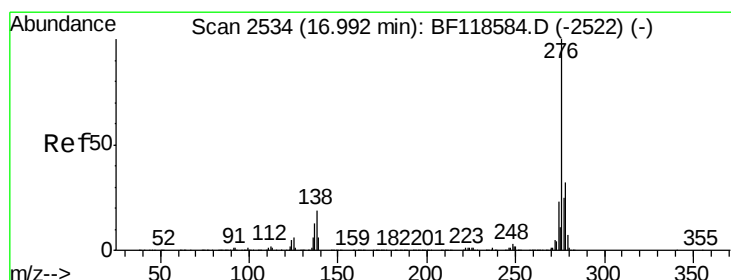
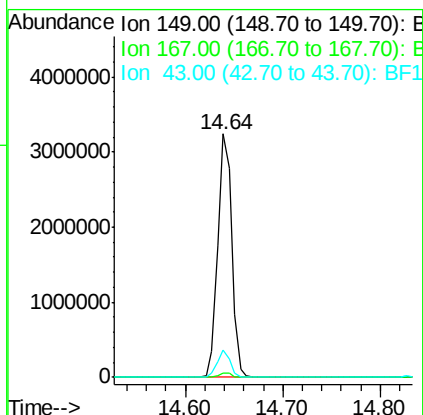
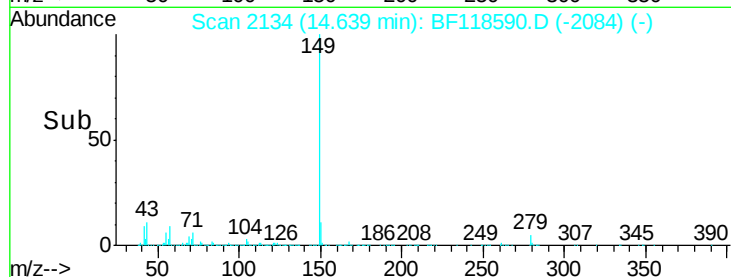
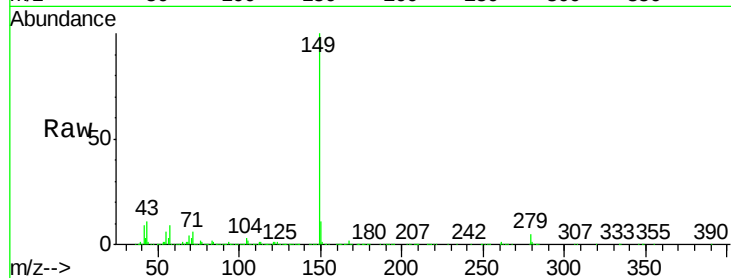
Tot Ion:149 Resp: 3230152

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.1 8.1 12.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.655 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

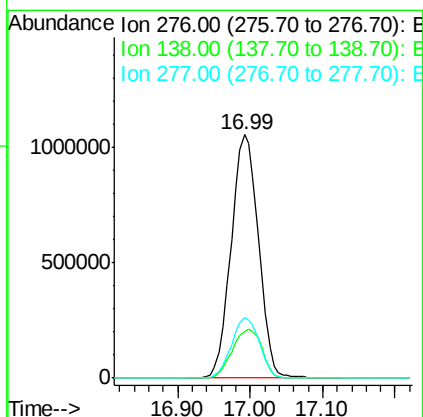
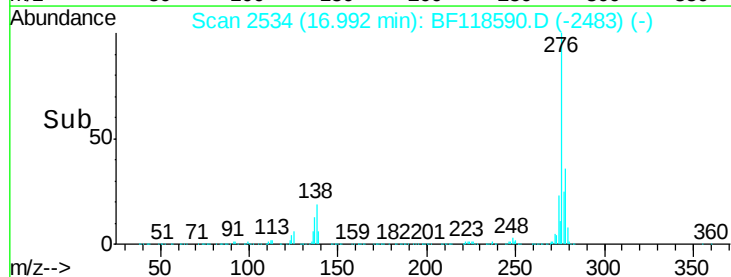
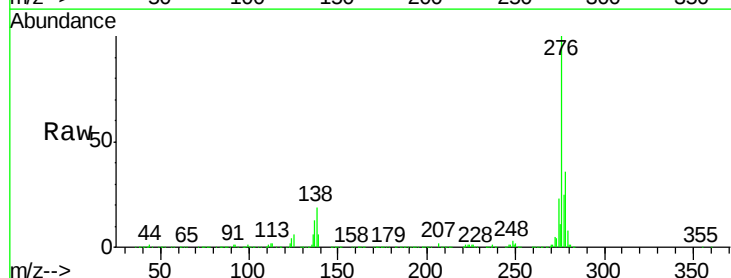
Tgt Ion:276 Resp: 2774334

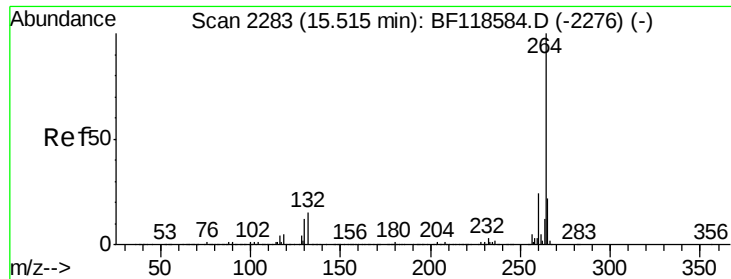
Ion Ratio Lower Upper

276 100

138 21.8 17.2 25.8

277 25.5 20.5 30.7



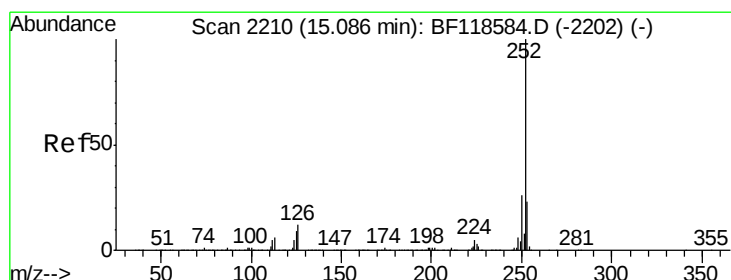
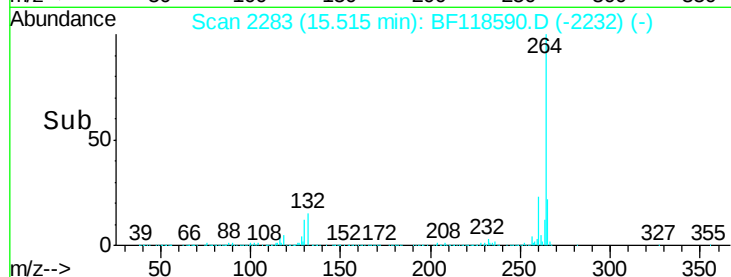
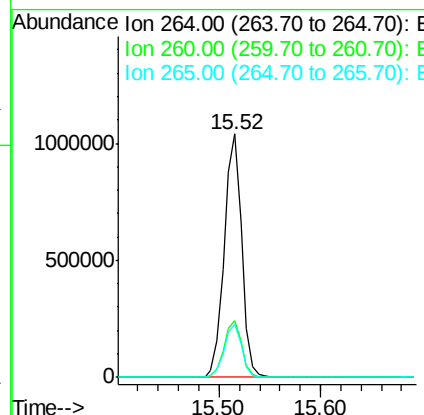
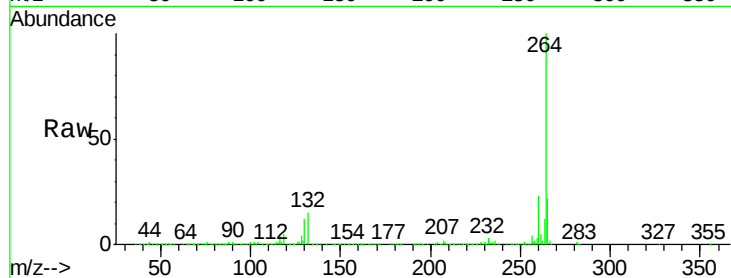


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF012020

Tot Ion:264 Resp: 1245301

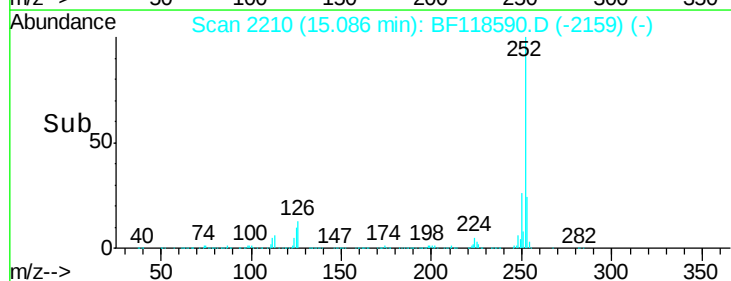
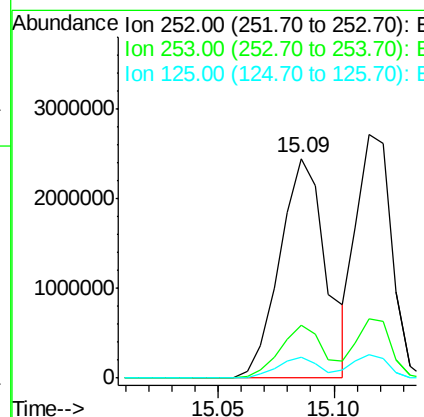
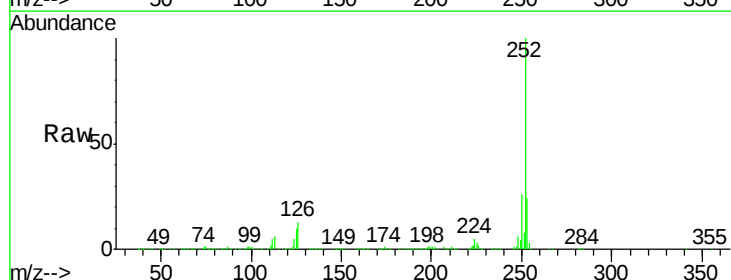
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.9	17.7	26.5

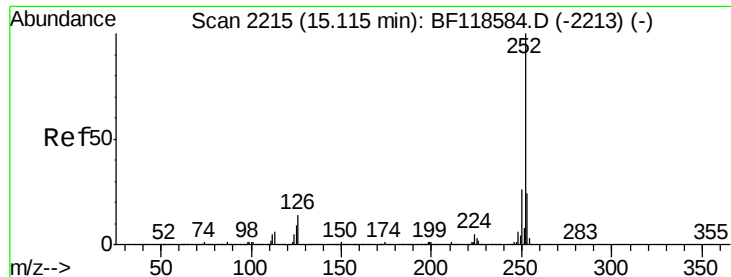


#88
Benzo(b)fluoranthene
Concen: 43.503 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:252 Resp: 3405252

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	9.7	7.3	10.9

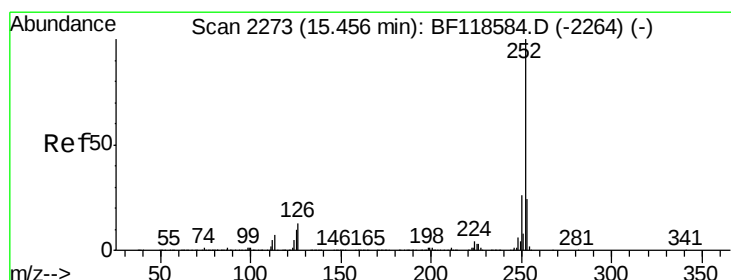
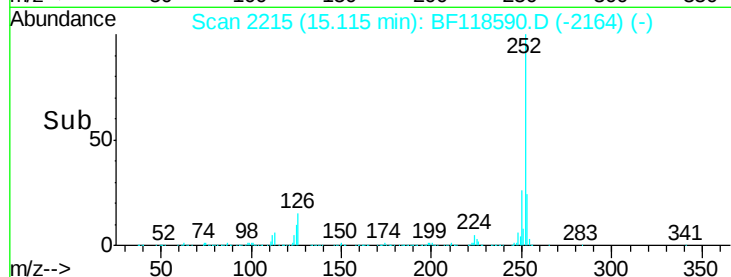
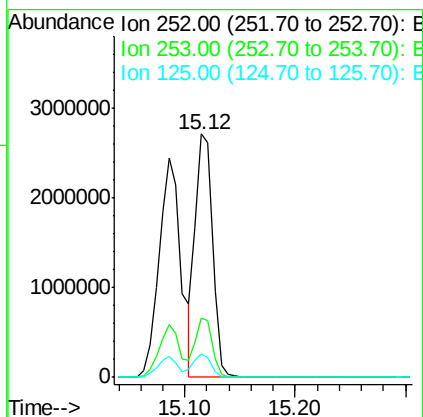
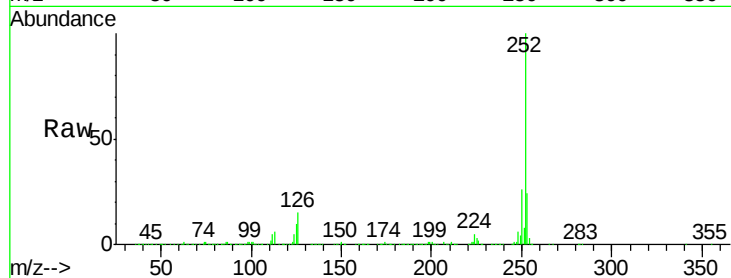




#89
Benzo(k)fluoranthene
Concen: 39.765 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

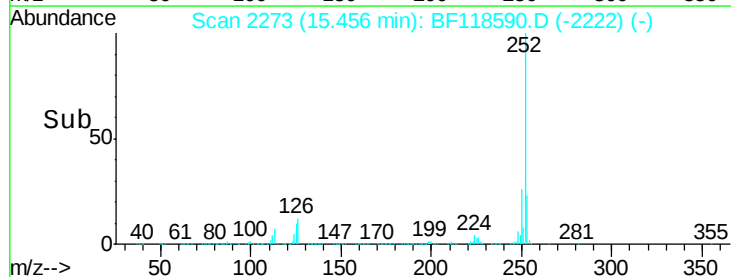
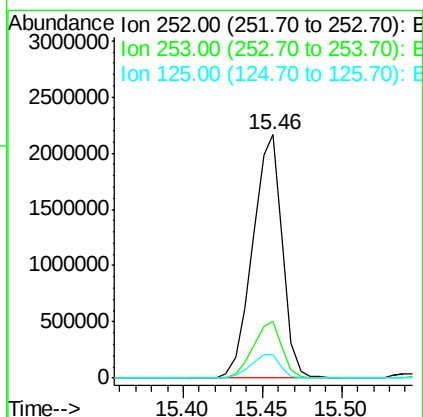
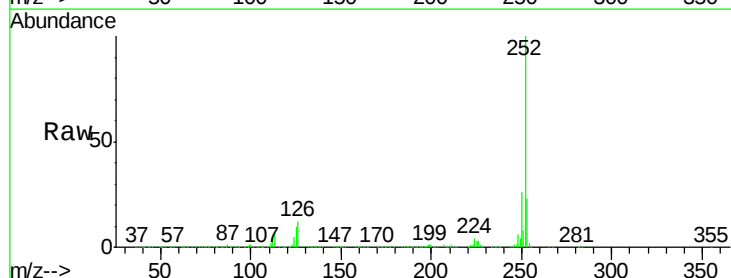
Instrument :
BNA_F
ClientSampleId :
ICVBF012020

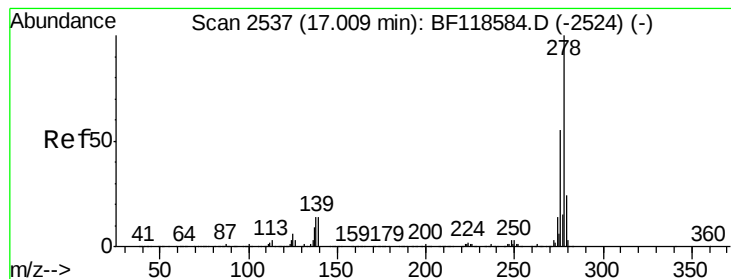
Tot Ion:252 Resp: 2883753
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.4
125 9.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.541 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF118590.D
Acq: 20 Jan 2020 14:38

Tgt Ion:252 Resp: 2805022
Ion Ratio Lower Upper
252 100
253 23.5 18.8 28.2
125 9.6 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.529 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Instrument :

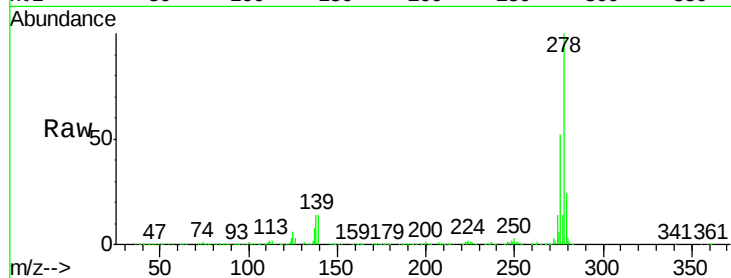
BNA_F

ClientSampleId :

ICVBF012020

Tot Ion:278 Resp: 2301289

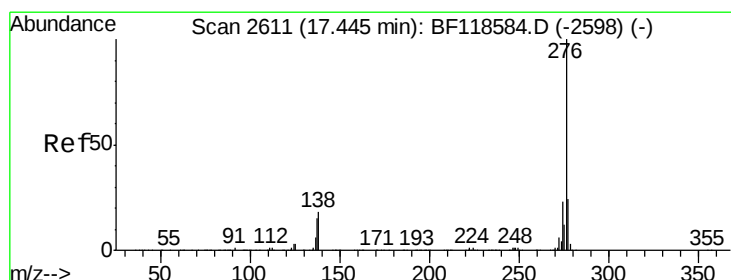
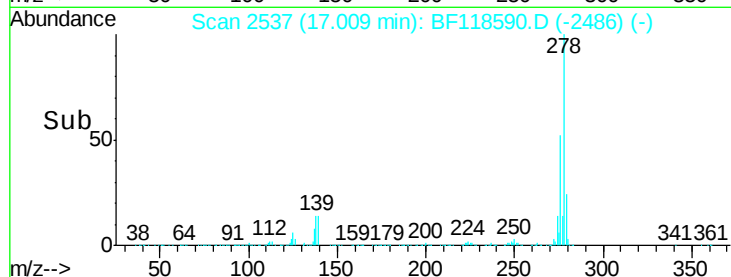
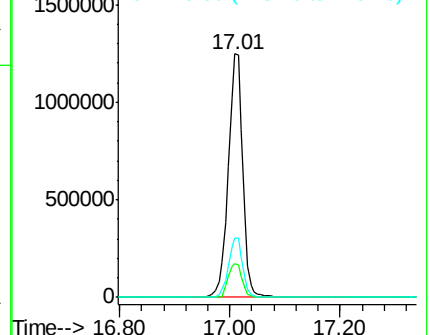
Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.4	17.0
279	24.5	19.0	28.6



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: 36.942 ng

RT: 17.44 min Scan# 2610

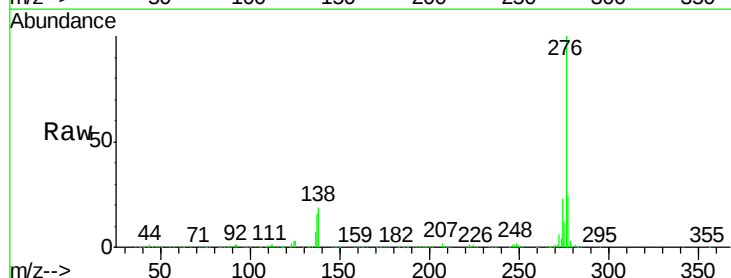
Delta R.T. -0.01 min

Lab File: BF118590.D

Acq: 20 Jan 2020 14:38

Tgt Ion:276 Resp: 2142384

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	19.4	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

