

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118559.D
 Acq On : 17 Jan 2020 15:34
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

Quant Time: Jan 17 16:07:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	386866	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1410994	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	791473	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1441973	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1056533	20.00	ng	0.00
87) Perylene-d12	15.53	264	908031	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1699361	81.16	ng	0.00
7) Phenol-d6	6.51	99	2232465	81.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	2011177	88.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	748801	85.58	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3773637	86.07	ng	0.00
79) Terphenyl-d14	13.00	244	4373094	81.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	418764	41.625	ng	100
3) Pyridine	3.44	79	995547	35.831	ng	99
4) n-Nitrosodimethylamine	3.37	42	509629	39.991	ng	98
6) Aniline	6.55	93	1555536	43.319	ng	100
8) 2-Chlorophenol	6.67	128	1011139	42.463	ng	99
9) Benzaldehyde	6.44	77	806188	57.405	ng	97
10) Phenol	6.53	94	1249667	41.518	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	977602	40.551	ng	96
12) 1,3-Dichlorobenzene	6.83	146	1120300	39.563	ng	100
13) 1,4-Dichlorobenzene	6.91	146	1144407	40.229	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1074793	40.381	ng	99
15) Benzyl Alcohol	7.03	79	935049	41.530	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1363126	38.544	ng	100
17) 2-Methylphenol	7.13	107	824902	40.812	ng	99
18) Hexachloroethane	7.41	117	412110	39.753	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	790183	40.164	ng	99
20) 3+4-Methylphenols	7.29	107	1046426	43.293	ng	91
22) Acetophenone	7.30	105	1459571	42.627	ng	# 97
24) Nitrobenzene	7.47	77	1098464	45.213	ng	97
25) Isophorone	7.71	82	2013990	40.619	ng	98
26) 2-Nitrophenol	7.79	139	472766	45.407	ng	99
27) 2,4-Dimethylphenol	7.82	122	949973	48.174	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1242423	38.999	ng	100
29) 2,4-Dichlorophenol	8.03	162	894027	41.189	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	996479	39.394	ng	98
31) Naphthalene	8.20	128	2804429	42.145	ng	99
32) Benzoic acid	7.93	122	587290	44.215	ng	97
33) 4-Chloroaniline	8.24	127	1229276	39.759	ng	99
34) Hexachlorobutadiene	8.32	225	596141	37.783	ng	100
35) Caprolactam	8.61	113	271748	40.244	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	891184	41.417	ng	99
37) 2-Methylnaphthalene	8.89	142	1992865	42.273	ng	99
38) 1-Methylnaphthalene	8.99	142	1862995	41.772	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1068427	41.853	ng	100

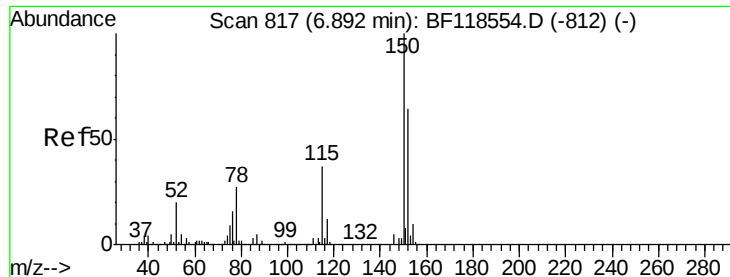
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	655104	49.115	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	666478	40.976	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	716770	43.588	ng	99
46) 1,1'-Biphenyl	9.35	154	2479187	43.838	ng	100
47) 2-Chloronaphthalene	9.37	162	1918871	40.256	ng	97
48) 2-Nitroaniline	9.46	65	554809	44.751	ng	99
49) Acenaphthylene	9.79	152	2910782	43.249	ng	99
50) Dimethylphthalate	9.65	163	2175543	40.034	ng	99
51) 2,6-Dinitrotoluene	9.70	165	494623	47.705	ng	86
52) Acenaphthene	9.96	154	1867485	42.356	ng	100
53) 3-Nitroaniline	9.87	138	508315	43.277	ng	# 95
54) 2,4-Dinitrophenol	9.97	184	159785	41.933	ng	# 51
55) Dibenzofuran	10.13	168	2667841	42.758	ng	98
56) 4-Nitrophenol	10.02	139	406421	46.841	ng	94
57) 2,4-Dinitrotoluene	10.11	165	623243	45.856	ng	92
58) Fluorene	10.48	166	2071565	42.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	611006	43.432	ng	97
60) Diethylphthalate	10.35	149	2163161	40.774	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	1114139	42.150	ng	100
62) 4-Nitroaniline	10.49	138	525023	45.006	ng	96
63) Azobenzene	10.63	77	2173838	42.042	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	260563	45.129	ng	86
66) n-Nitrosodiphenylamine	10.59	169	1906525	41.148	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	743911	38.540	ng	# 92
68) Hexachlorobenzene	11.03	284	809822	37.860	ng	98
69) Atrazine	11.11	200	641361	47.968	ng	99
70) Pentachlorophenol	11.22	266	471171	44.821	ng	100
71) Phenanthrene	11.44	178	3029177	41.793	ng	99
72) Anthracene	11.49	178	3086482	42.681	ng	99
73) Carbazole	11.64	167	2724422	41.773	ng	99
74) Di-n-butylphthalate	11.97	149	3187023	39.322	ng	100
75) Fluoranthene	12.63	202	3139361	40.276	ng	99
77) Benzidine	12.74	184	1405946	54.770	ng	97
78) Pyrene	12.86	202	3200943	40.593	ng	99
80) Butylbenzylphthalate	13.47	149	1338307	39.592	ng	98
81) Benzo(a)anthracene	14.04	228	2700898	40.500	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	1032129	44.113	ng	# 98
83) Chrysene	14.08	228	2615923	40.780	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1731785	41.277	ng	99
85) Di-n-octyl phthalate	14.65	149	2712120	42.213	ng	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	2268657	35.939	ng	99
88) Benzo(b)fluoranthene	15.10	252	2400494	40.590	ng	98
89) Benzo(k)fluoranthene	15.13	252	2288806	42.822	ng	99
90) Benzo(a)pyrene	15.47	252	2193822	42.632	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1912928	39.800	ng	99
92) Benzo(g,h,i)perylene	17.45	276	1862863	40.126	ng	99

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

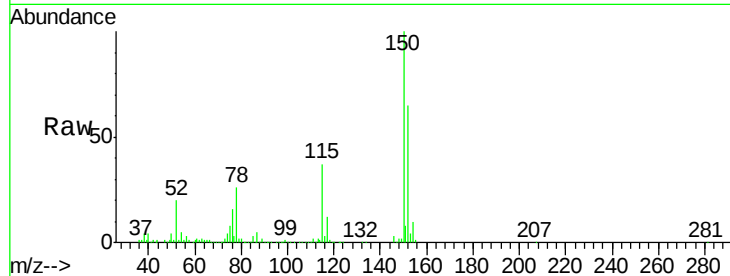


#1

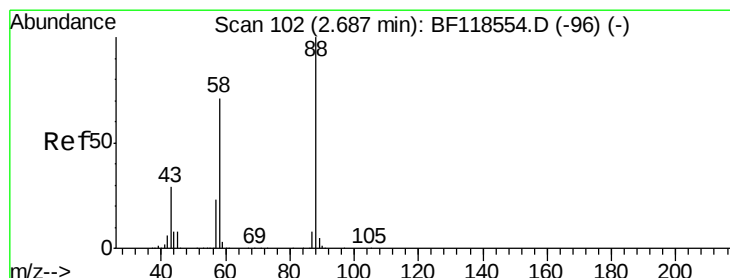
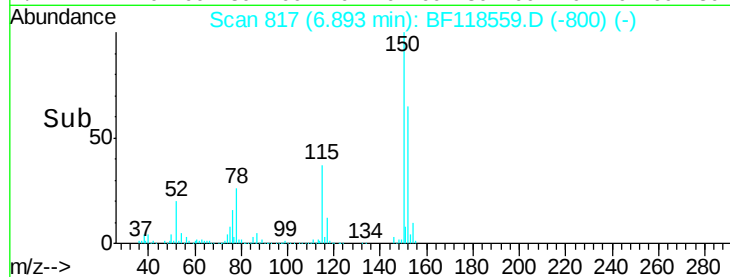
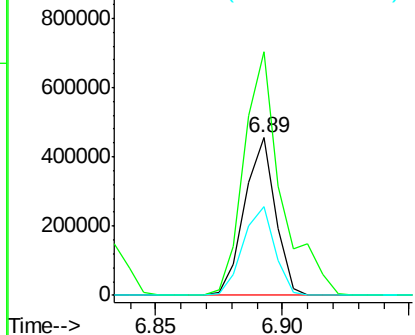
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:152 Resp: 386866
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 56.4 45.8 68.6



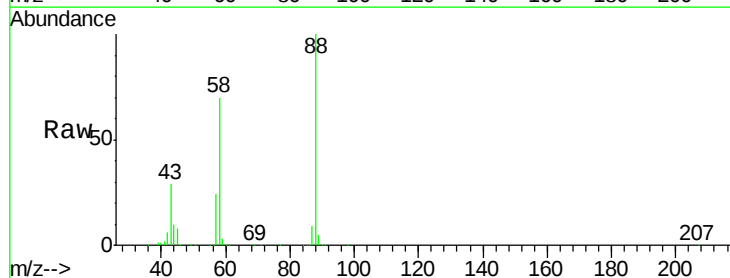
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



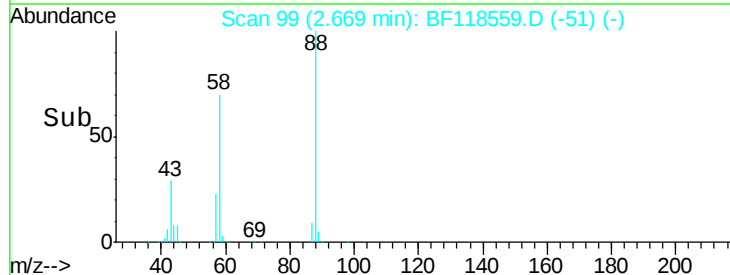
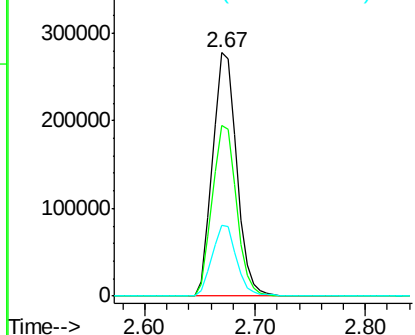
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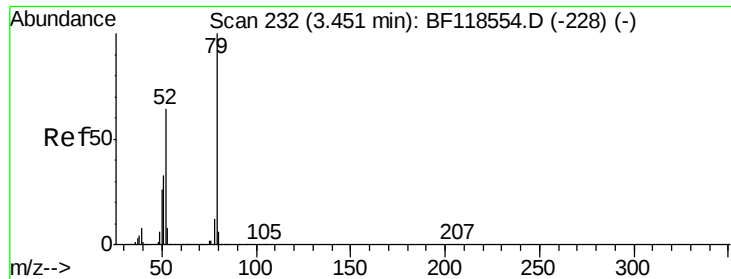
1,4-Dioxane
Concen: 41.625 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion: 88 Resp: 418764
Ion Ratio Lower Upper
88 100
58 70.7 56.7 85.1
43 28.8 23.3 34.9



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





#3

Pvridine

Concen: 35.831 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

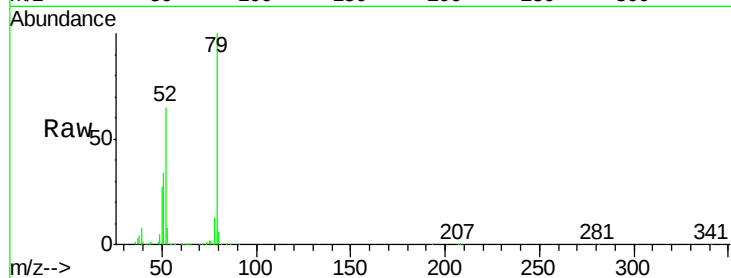
Tot Ion: 79 Resp: 995547

Ion Ratio Lower Upper

79 100

52 64.8 51.3 76.9

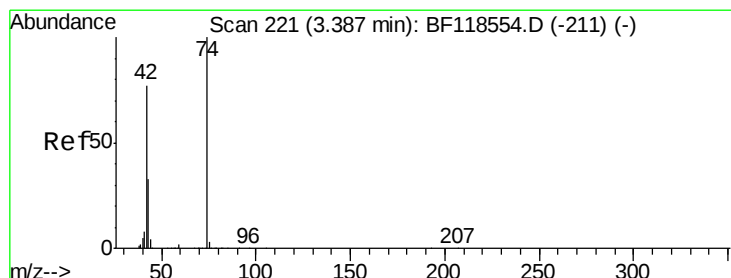
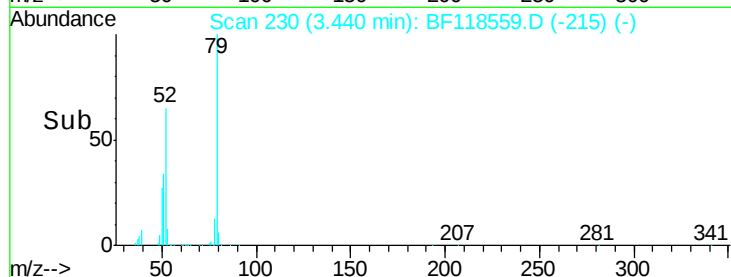
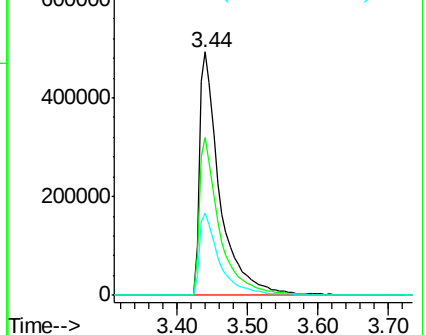
51 34.0 26.7 40.1



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: 39.991 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

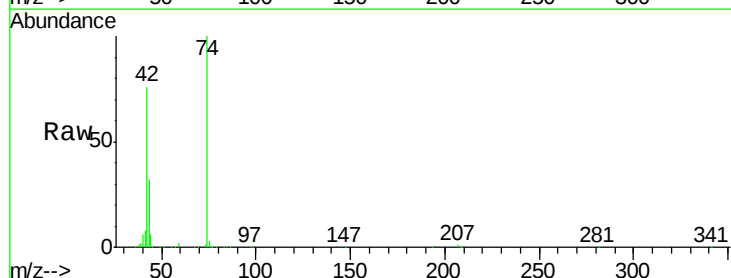
Tgt Ion: 42 Resp: 509629

Ion Ratio Lower Upper

42 100

74 131.4 103.1 154.7

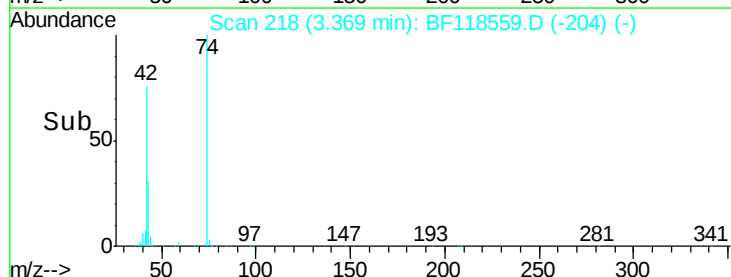
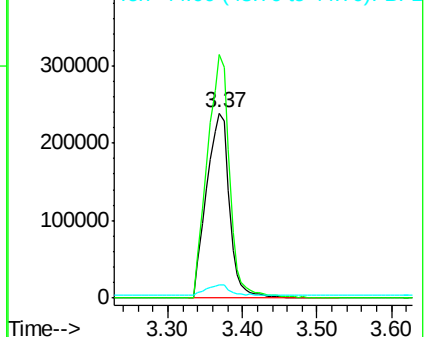
44 7.4 5.4 8.2

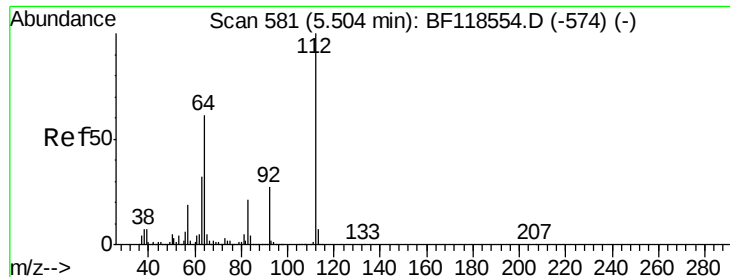


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.164 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

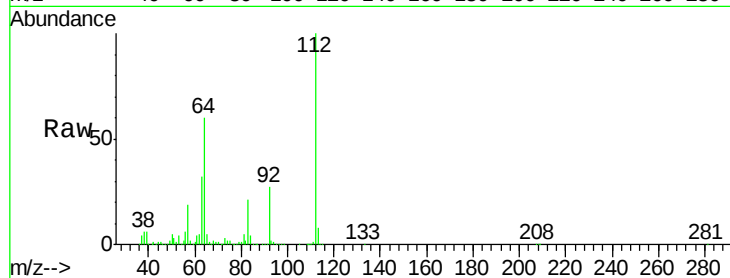
Tot Ion:112 Resp: 1699361

Ion Ratio Lower Upper

112 100

64 59.7 49.1 73.7

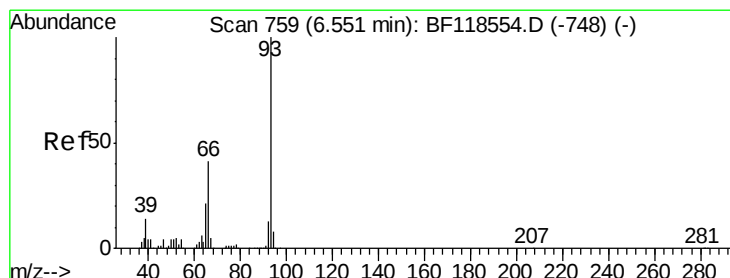
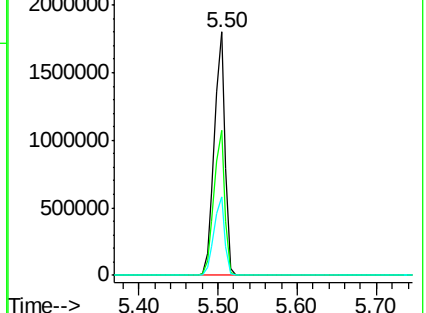
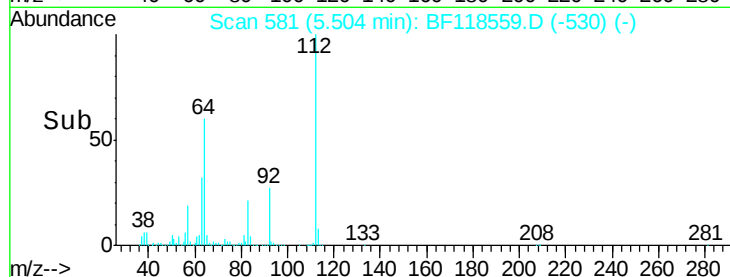
63 32.3 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.319 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

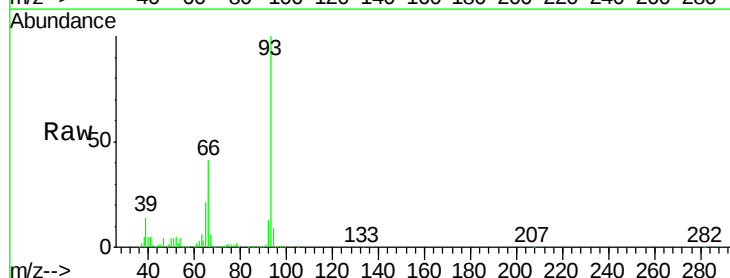
Tgt Ion: 93 Resp: 1555536

Ion Ratio Lower Upper

93 100

66 40.9 32.9 49.3

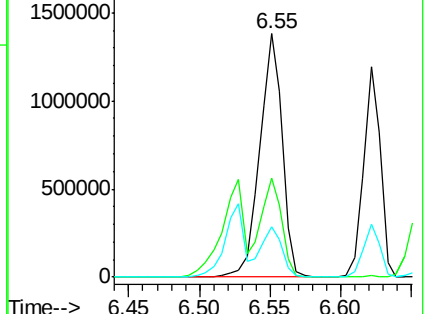
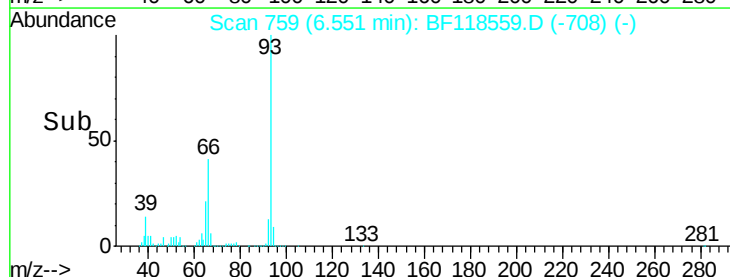
65 20.6 16.5 24.7

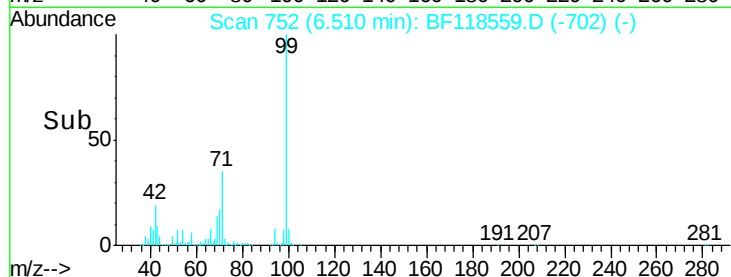
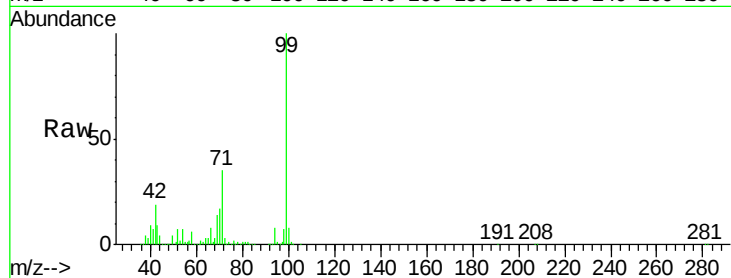
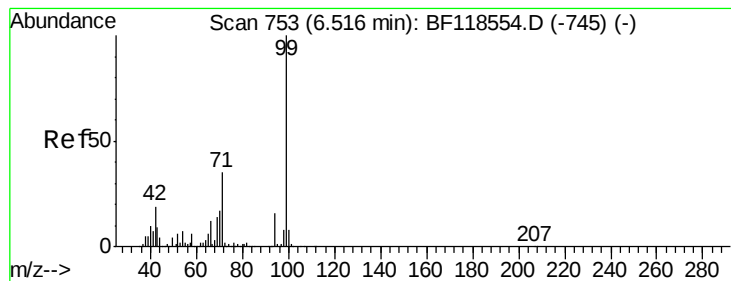


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.374 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

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ClientSampleId :

ICVBF011720

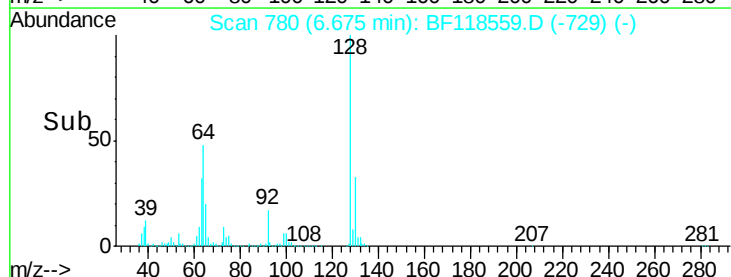
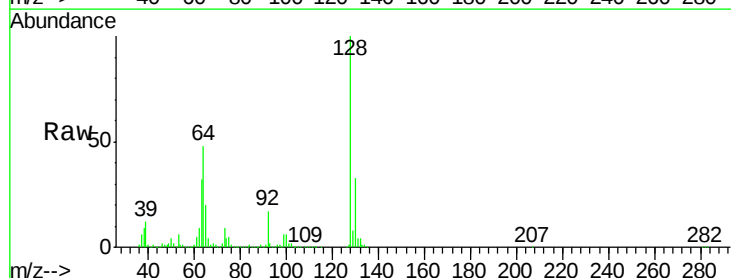
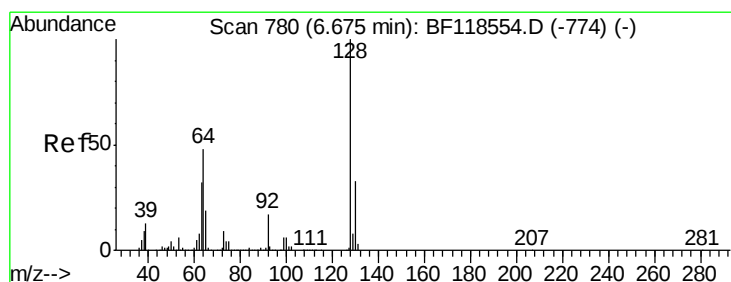
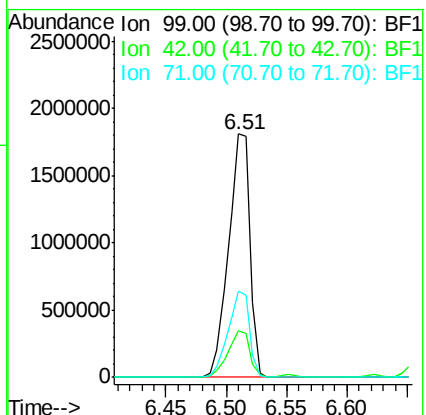
Tot Ion: 99 Resp: 2232465

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

71 35.5 28.3 42.5



#8

2-Chlorophenol

Concen: 42.463 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

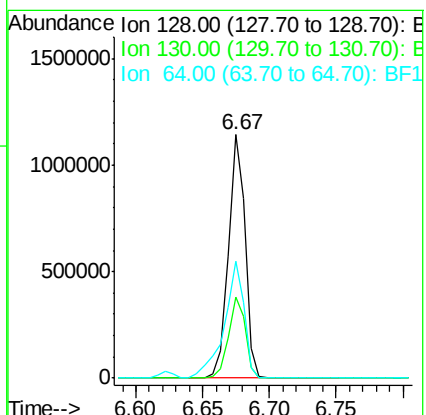
Tgt Ion:128 Resp: 1011139

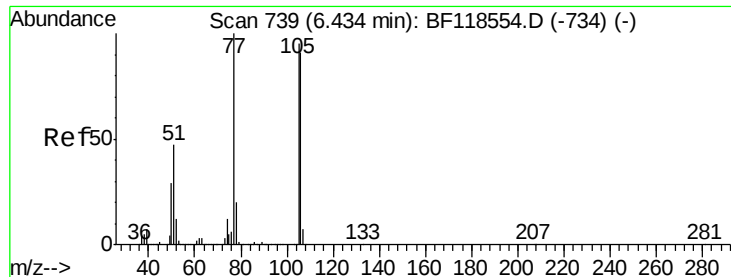
Ion Ratio Lower Upper

128 100

130 33.3 13.2 53.2

64 48.2 28.9 68.9





#9

Benzaldehyde

Concen: 57.405 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

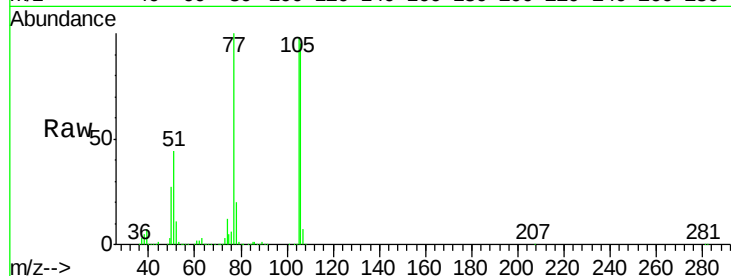
Tot Ion: 77 Resp: 806188

Ion Ratio Lower Upper

77 100

105 98.2 75.2 115.2

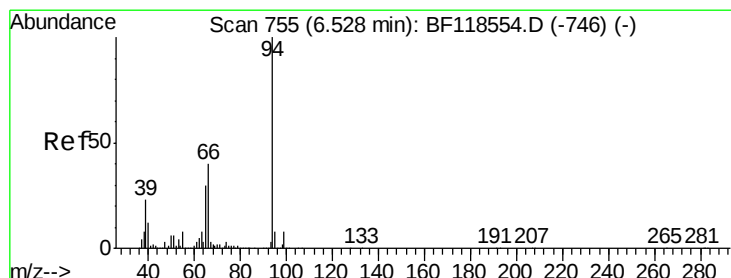
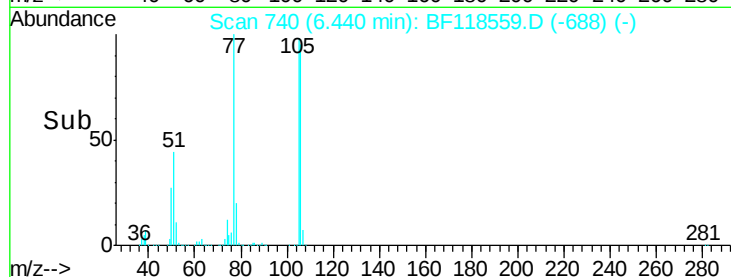
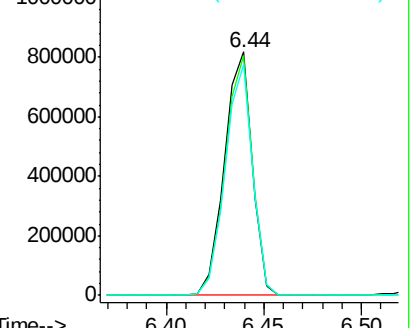
106 94.7 71.4 111.4



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: 41.518 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

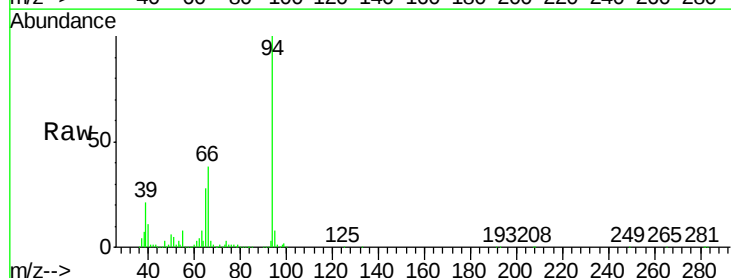
Tgt Ion: 94 Resp: 1249667

Ion Ratio Lower Upper

94 100

65 28.4 9.8 49.8

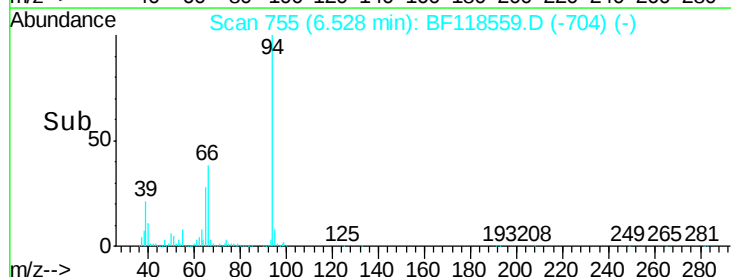
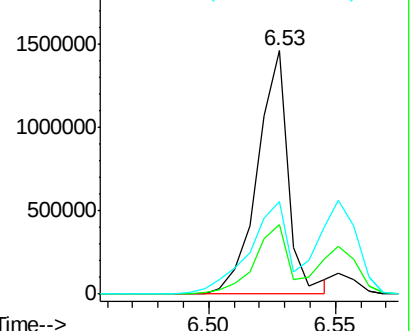
66 37.9 19.5 59.5

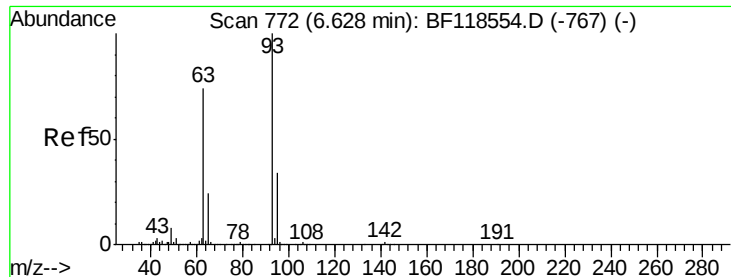


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

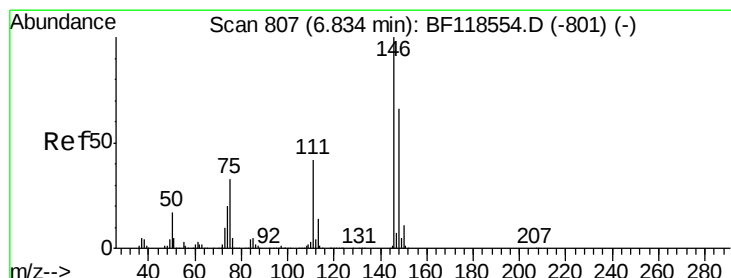
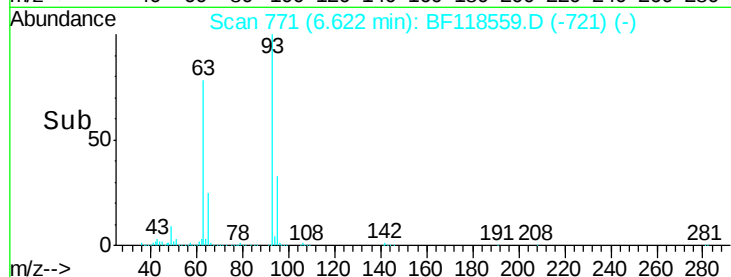
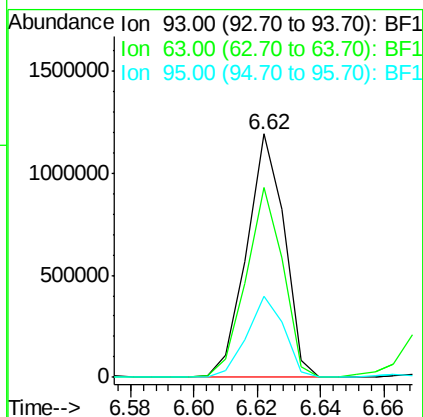
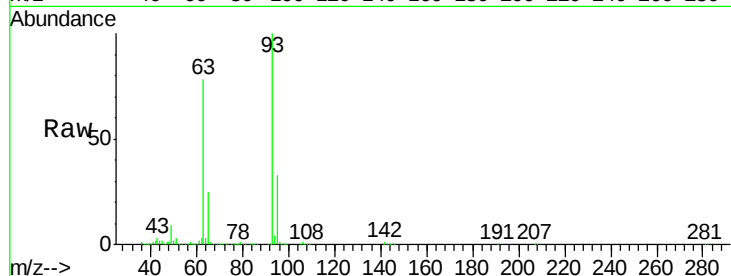




#11
bis(2-Chloroethyl)ether
Concen: 40.551 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

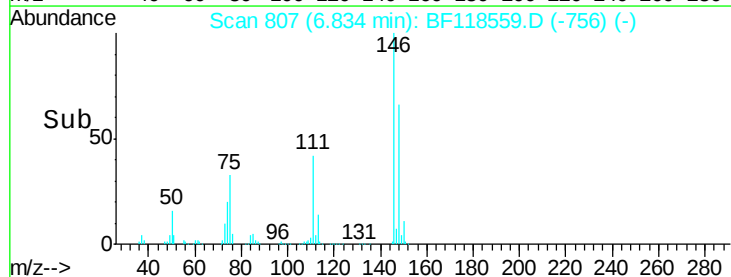
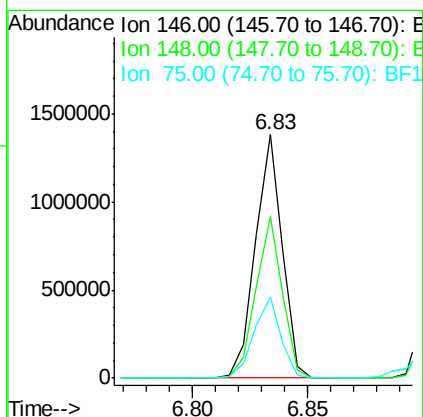
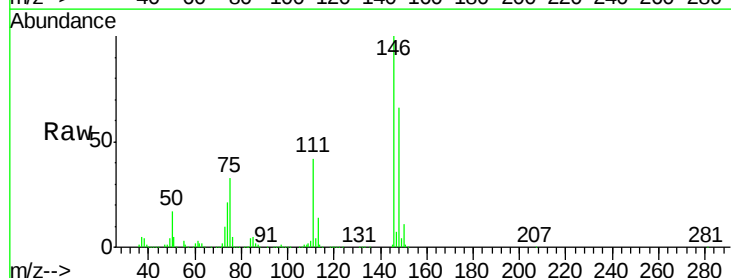
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

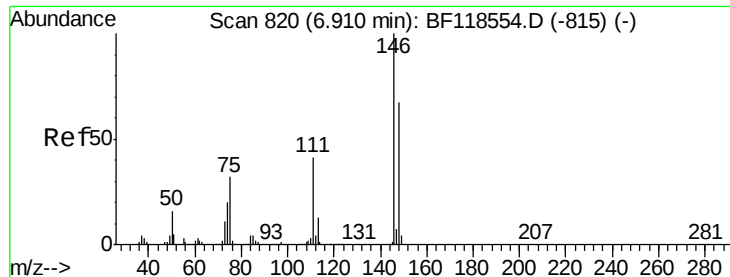
Tot Ion: 93 Resp: 977602
Ion Ratio Lower Upper
93 100
63 78.1 54.0 94.0
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.563 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion: 146 Resp: 1120300
Ion Ratio Lower Upper
146 100
148 66.3 53.0 79.6
75 33.4 26.5 39.7



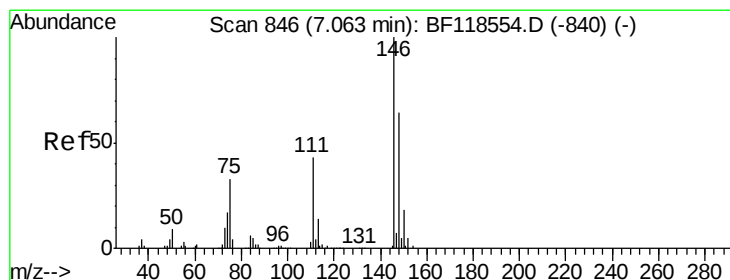
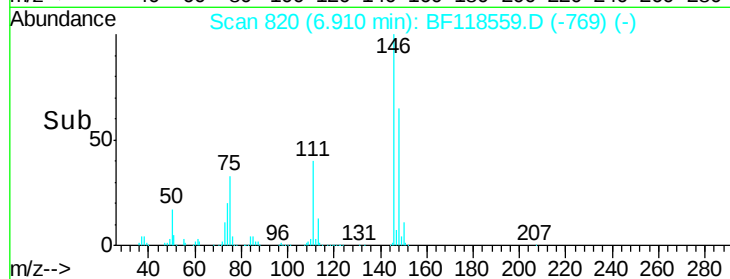
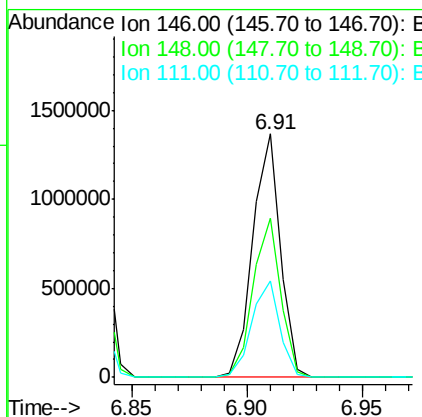
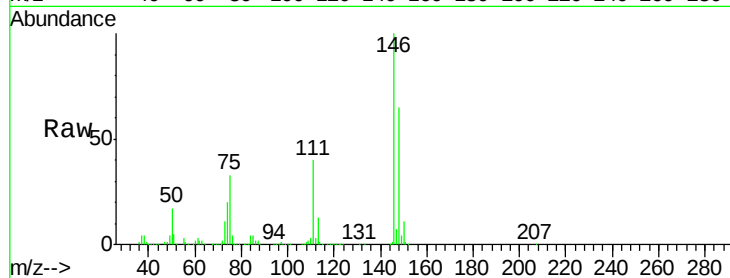


#13
 1,4-Dichlorobenzene
 Concen: 40.229 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

Tot Ion:146 Resp: 1144407

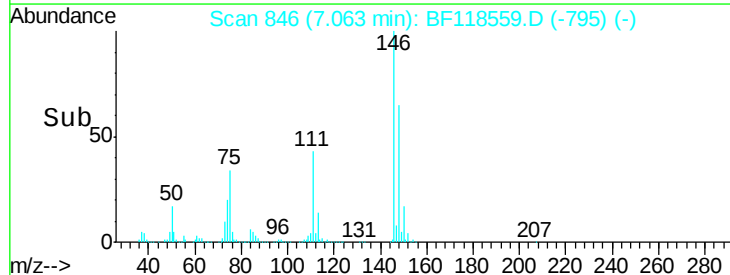
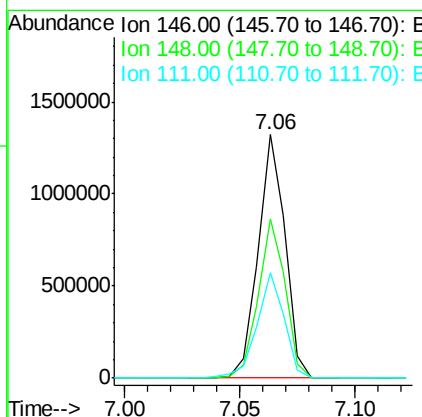
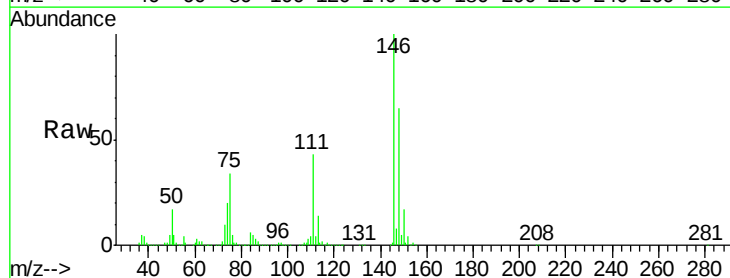
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
111	39.8	32.6	48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.381 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Tgt Ion:146 Resp: 1074793

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	43.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 41.530 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

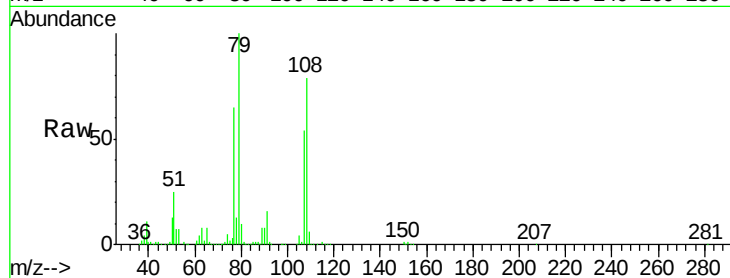
Tot Ion: 79 Resp: 935049

Ion Ratio Lower Upper

79 100

108 79.3 61.9 92.9

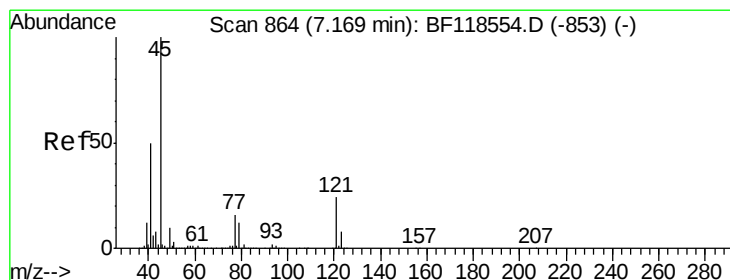
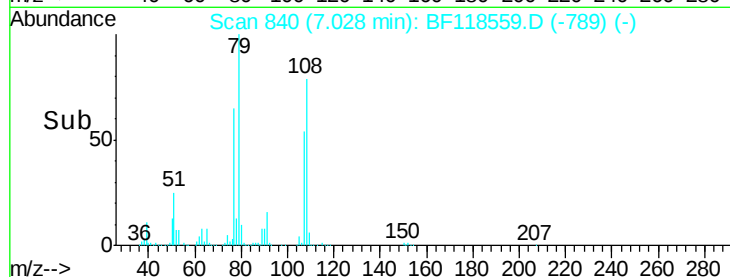
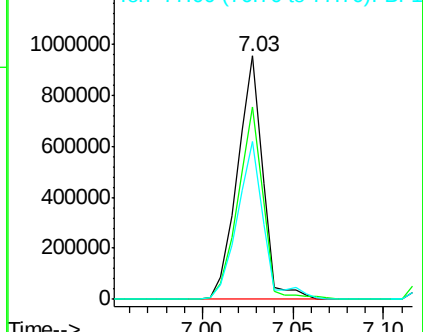
77 65.0 51.5 77.3



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: 38.544 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

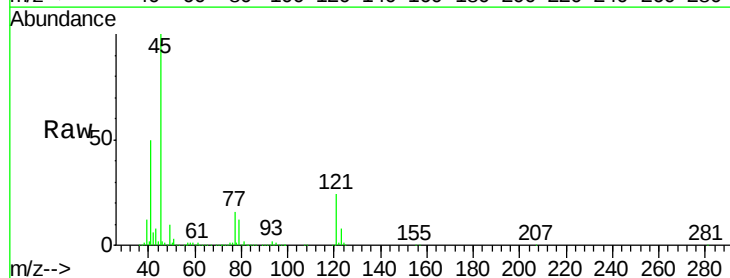
Tgt Ion: 45 Resp: 1363126

Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.8

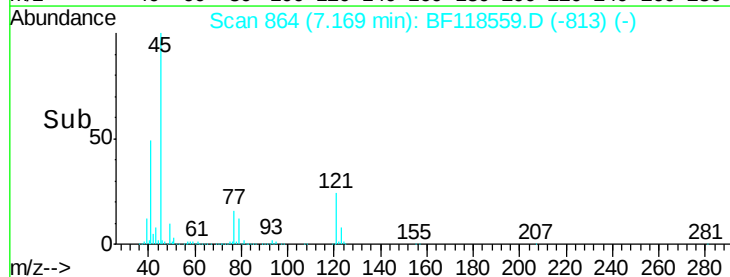
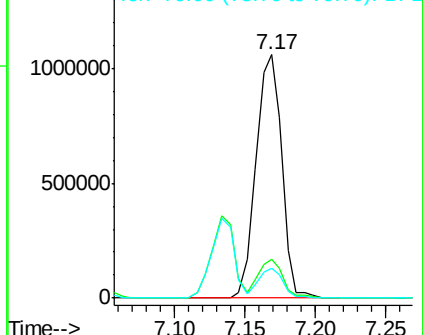
79 12.2 0.0 32.2

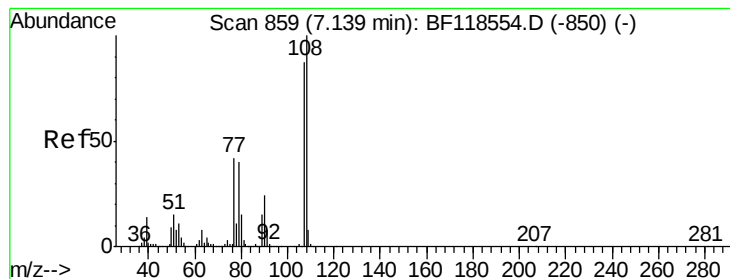


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

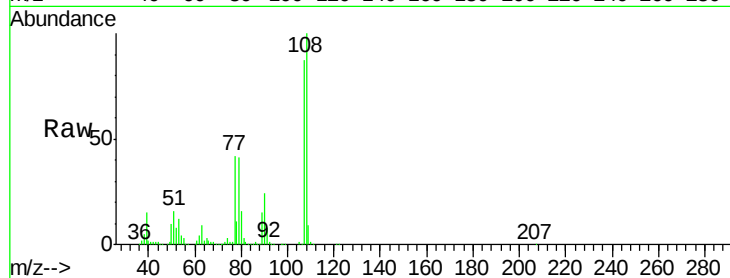




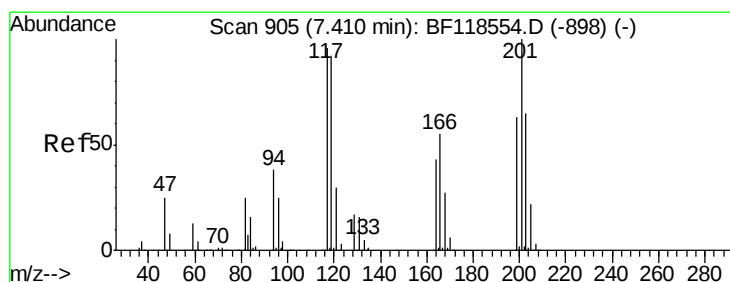
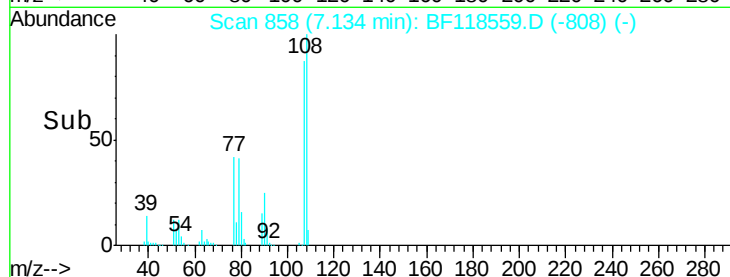
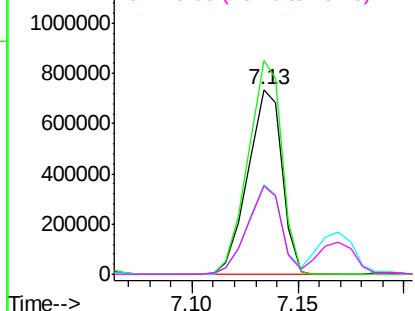
#17
2-Methylphenol
Concen: 40.812 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:	107	Resp:	824902
Ion	Ratio	Lower	Upper
107	100		
108	115.6	92.3	138.5
77	48.6	38.6	57.8
79	47.5	37.0	55.6

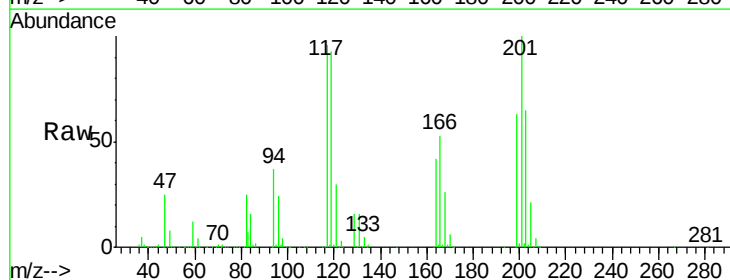


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

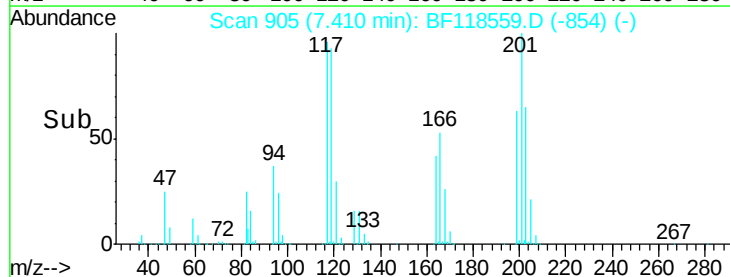
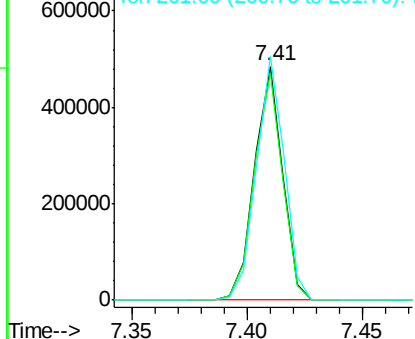


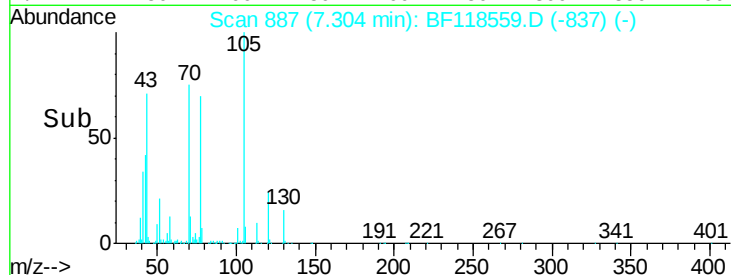
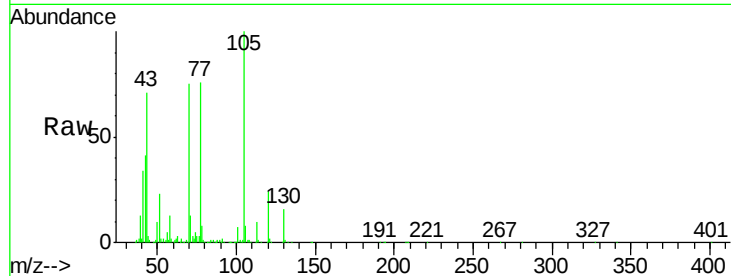
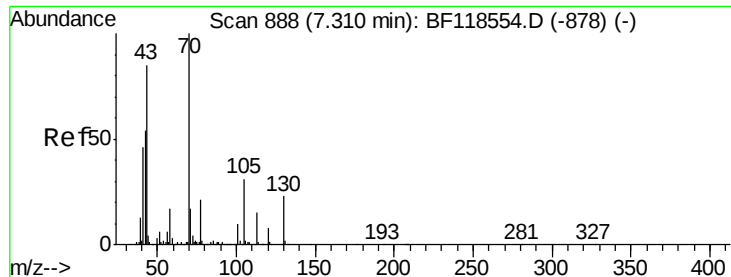
#18
Hexachloroethane
Concen: 39.753 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:	117	Resp:	412110
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
201	104.2	83.6	125.4



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

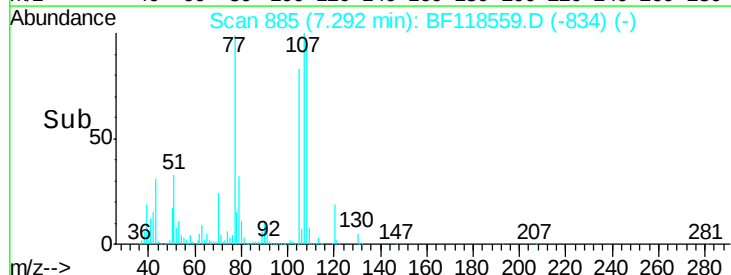
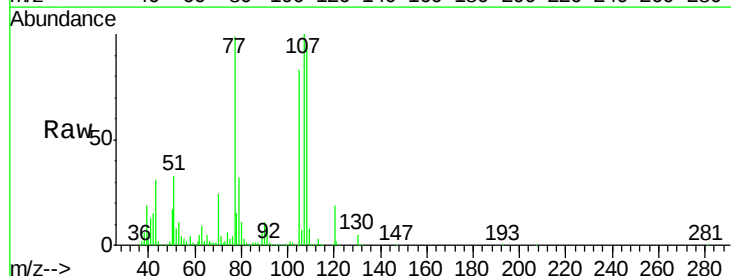
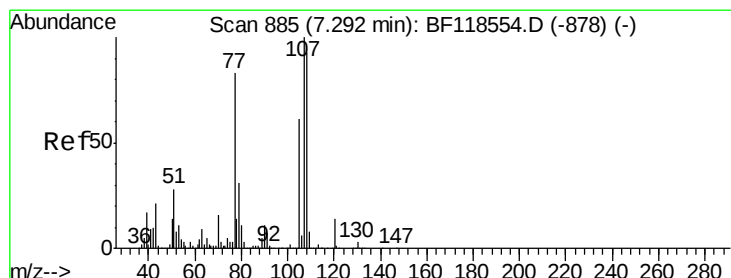
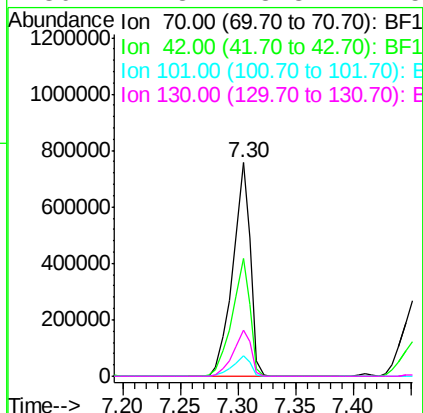




#19
n-Nitroso-di-n-propylamine
Concen: 40.164 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

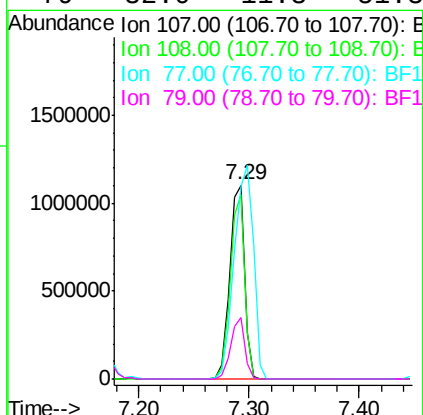
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

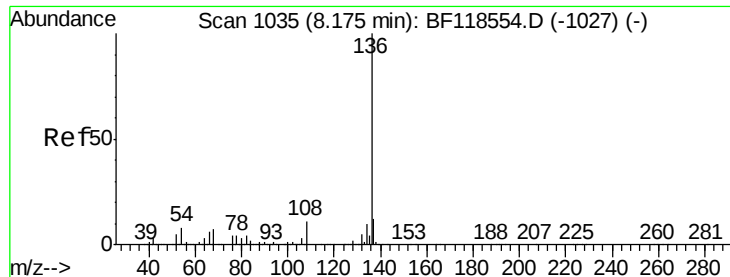
Tot Ion	70	Resp	790183
Ion	Ratio	Lower	Upper
70	100		
42	55.0	43.6	65.4
101	9.7	7.7	11.5
130	21.3	18.3	27.5



#20
3+4-Methylphenols
Concen: 43.293 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion	107	Resp	1046426
Ion	Ratio	Lower	Upper
107	100		
108	95.4	72.6	112.6
77	99.4	63.0	103.0
79	32.0	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

Tot Ion:136 Resp: 1410994

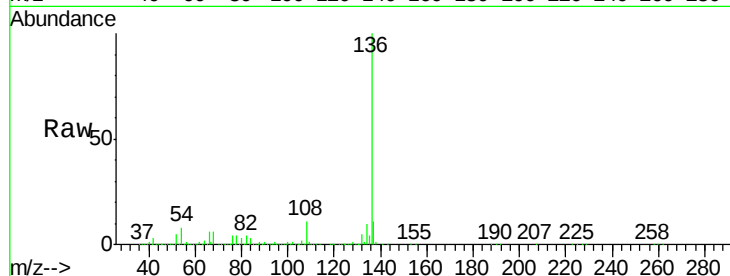
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 7.8 6.2 9.2

68 6.3 5.4 8.0

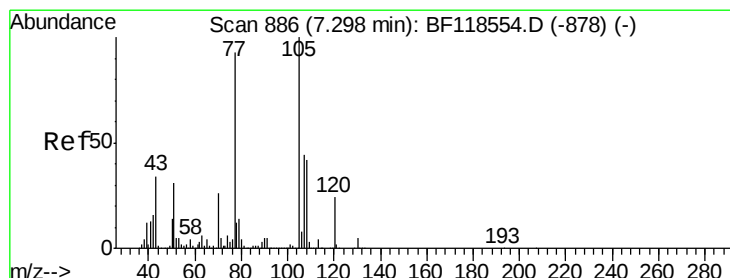
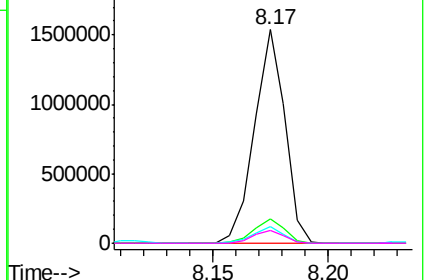
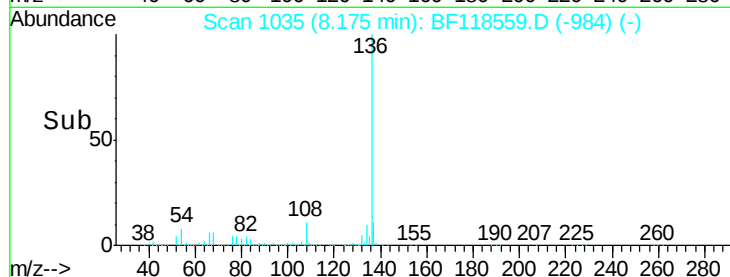


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.627 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Tgt Ion:105 Resp: 1459571

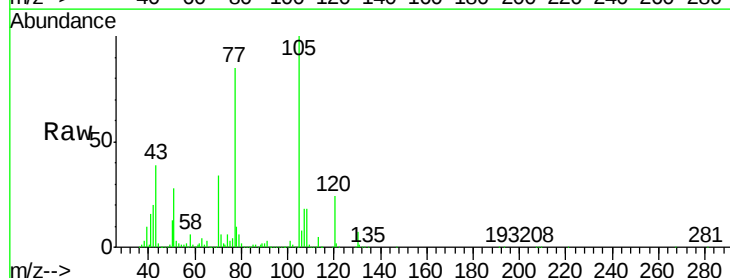
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 28.1 24.9 37.3

120 23.9 19.2 28.8

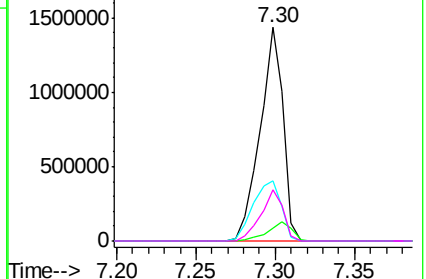
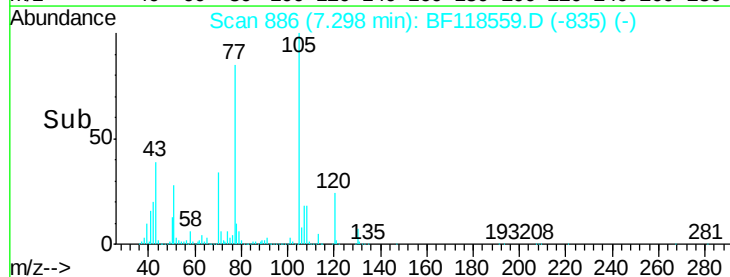


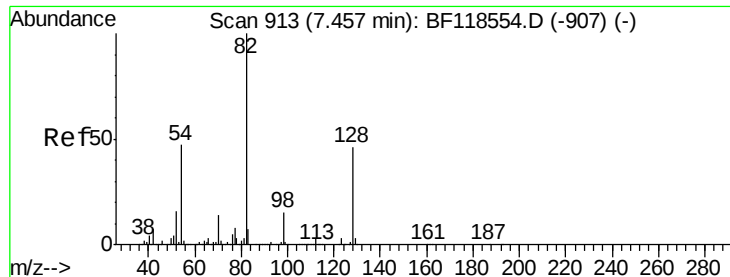
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



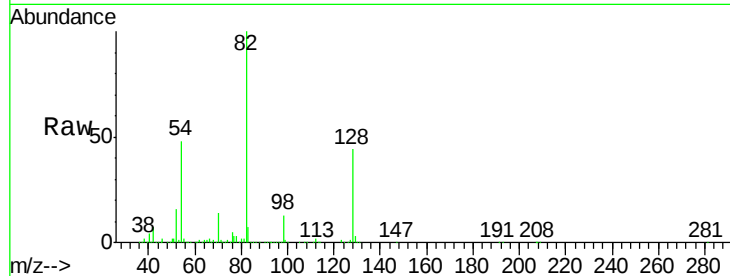


#23
 Nitrobenzene-d5
 Concen: 88.033 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

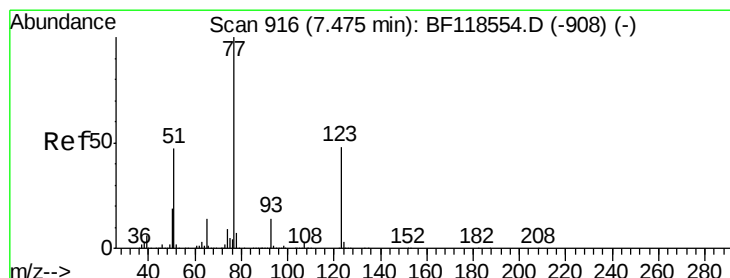
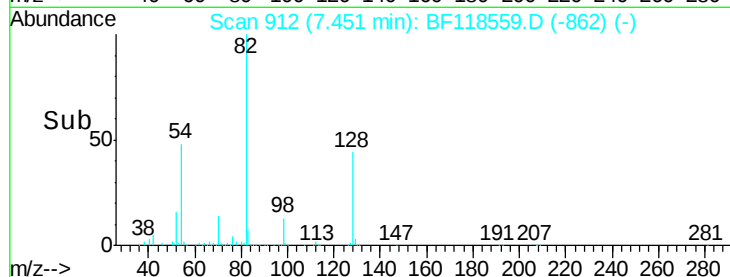
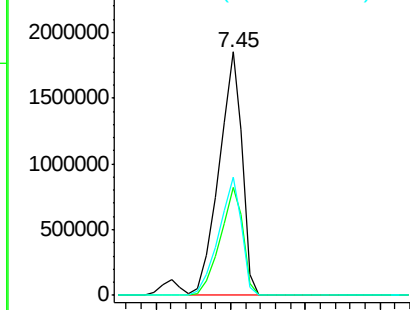
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

Tot Ion: 82 Resp: 2011177

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	48.4	37.4	56.0



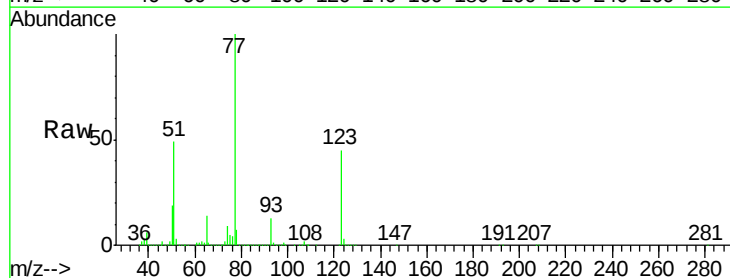
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



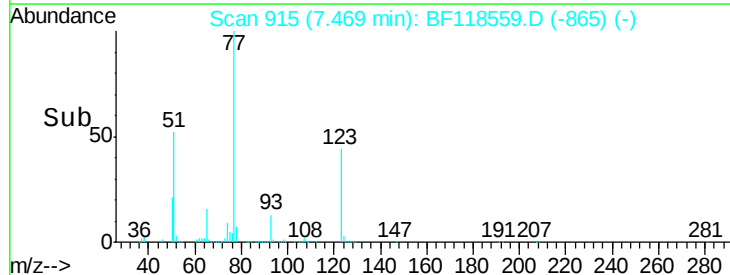
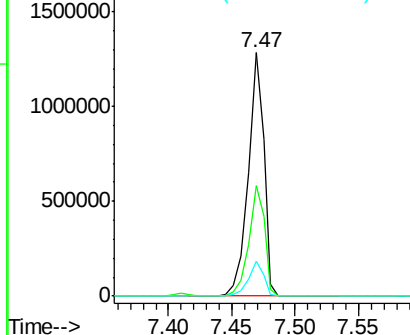
#24
 Nitrobenzene
 Concen: 45.213 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

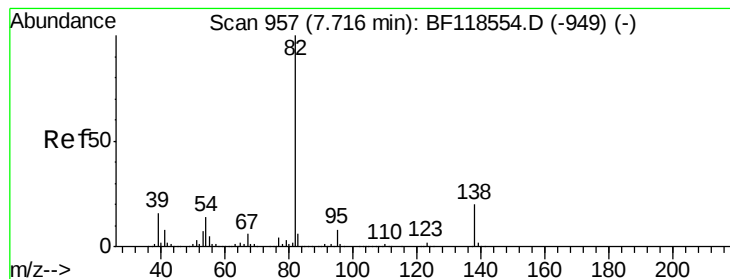
Tgt Ion: 77 Resp: 1098464

Ion	Ratio	Lower	Upper
77	100		
123	45.2	38.2	57.2
65	14.3	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.619 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

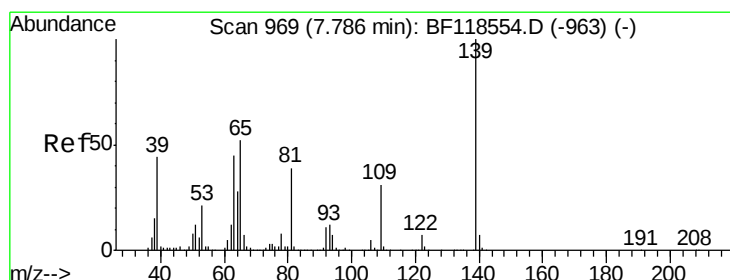
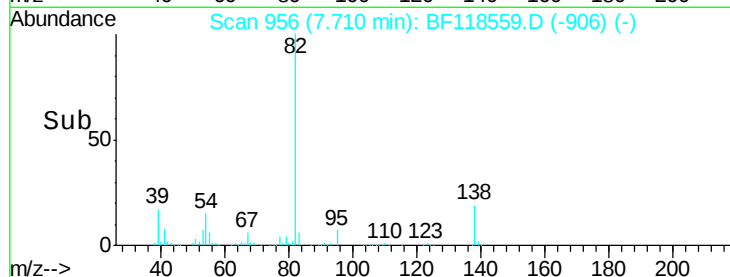
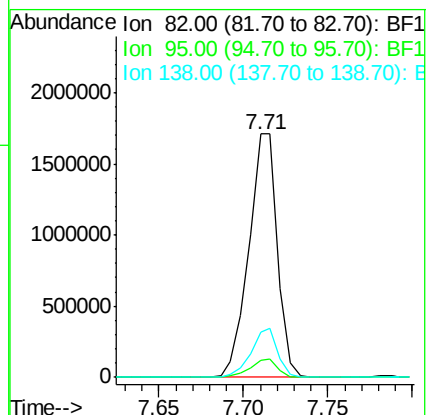
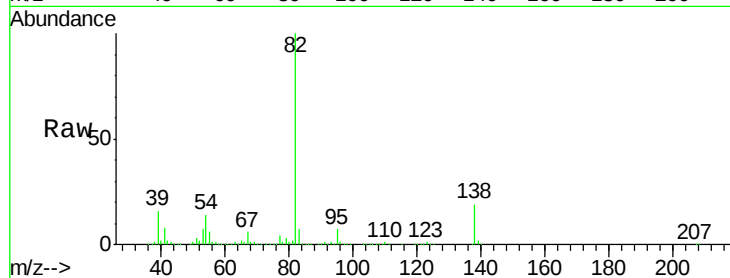
Tot Ion: 82 Resp: 2013990

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

138 18.5 15.8 23.8



#26

2-Nitrophenol

Concen: 45.407 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

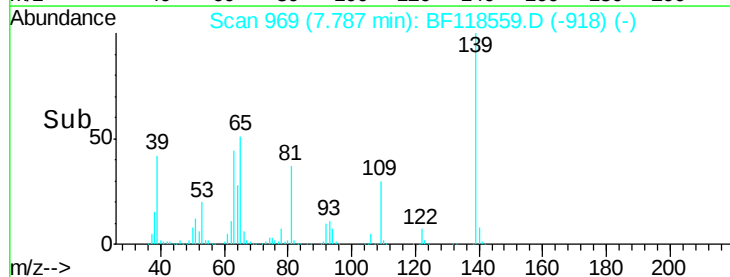
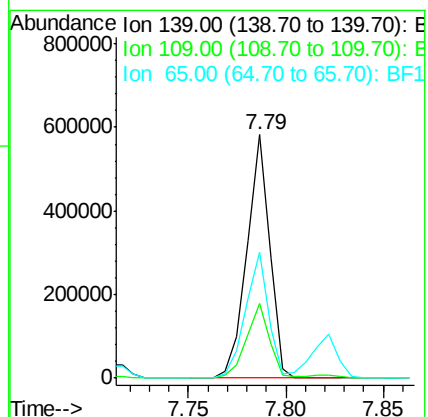
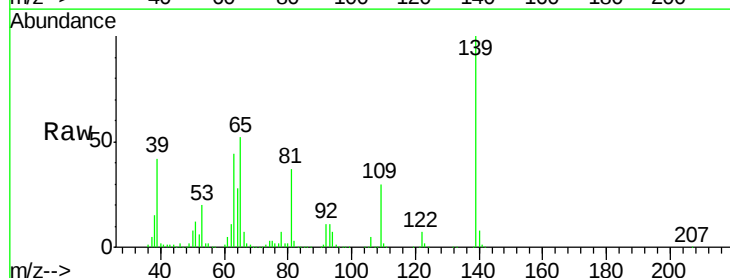
Tgt Ion: 139 Resp: 472766

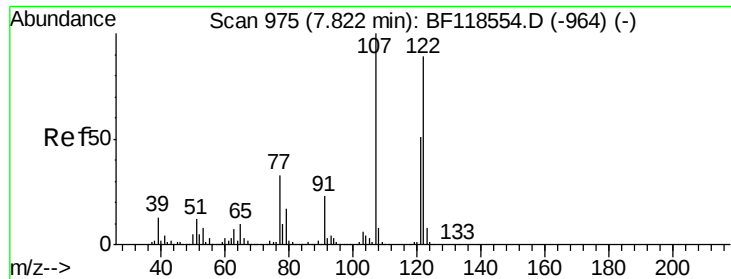
Ion Ratio Lower Upper

139 100

109 30.5 24.6 36.8

65 51.6 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 48.174 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

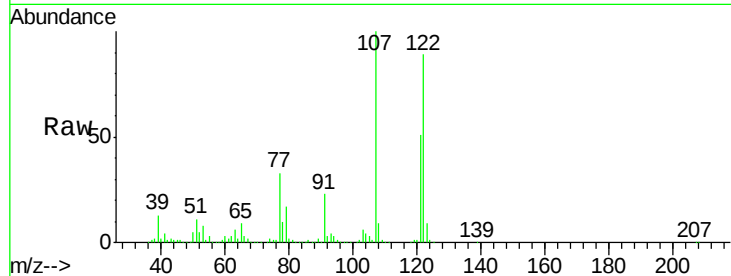
Tot Ion:122 Resp: 949973

Ion Ratio Lower Upper

122 100

107 111.9 89.6 134.4

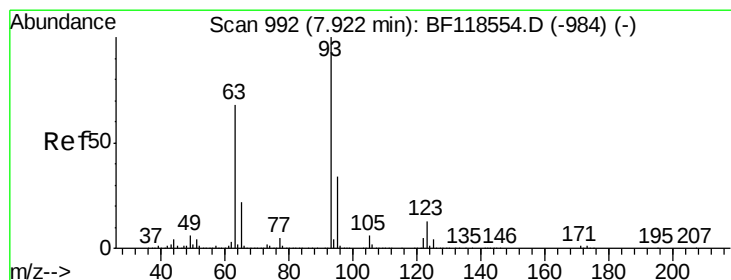
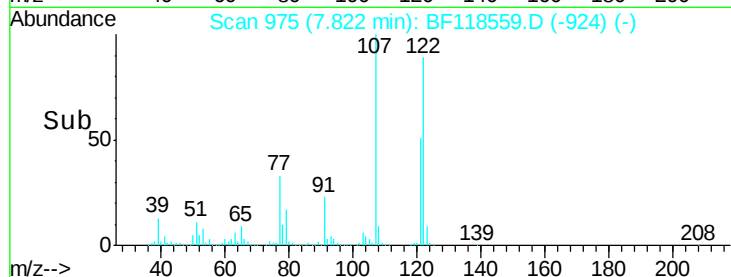
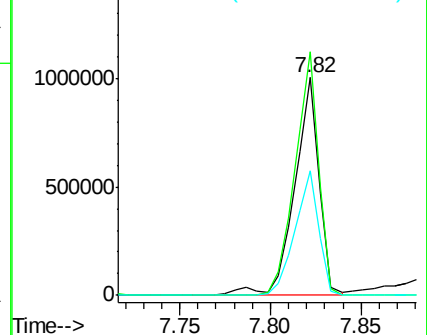
121 57.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.999 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

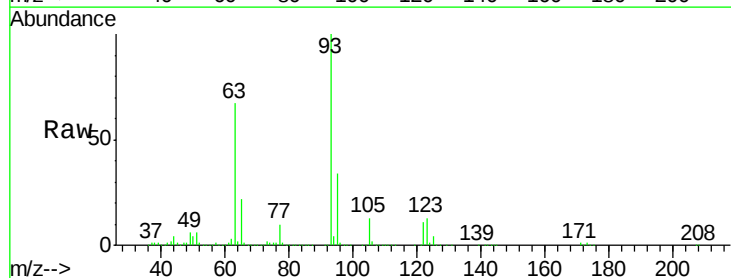
Tgt Ion: 93 Resp: 1242423

Ion Ratio Lower Upper

93 100

95 33.8 27.3 40.9

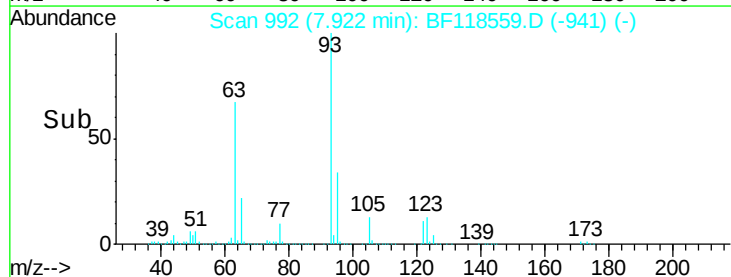
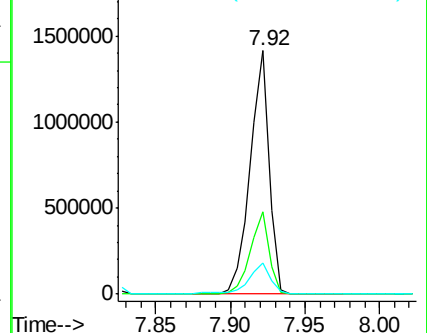
123 12.9 10.2 15.4

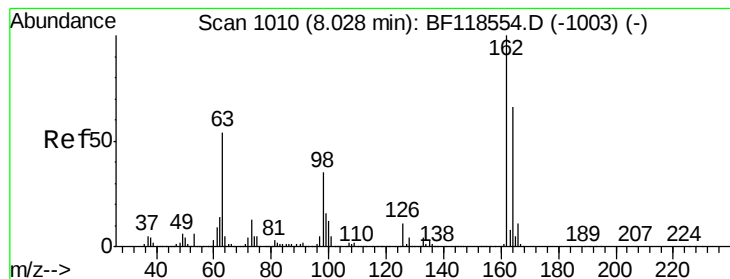


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.189 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

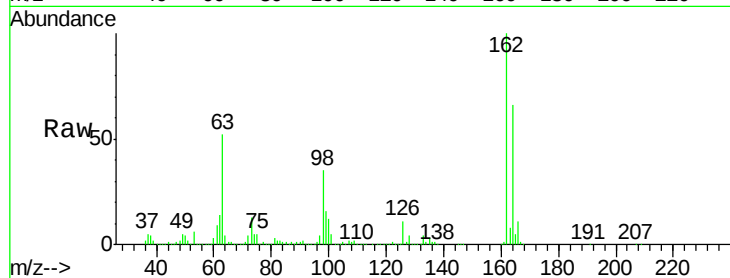
Tot Ion:162 Resp: 894027

Ion Ratio Lower Upper

162 100

164 65.8 45.6 85.6

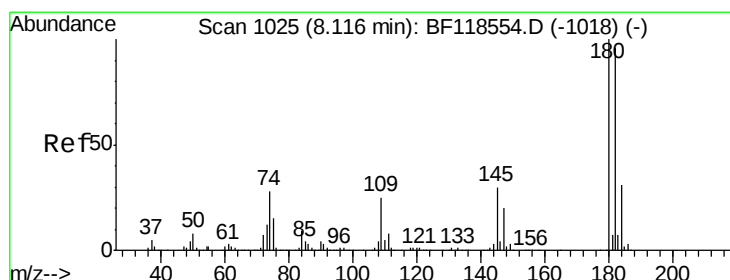
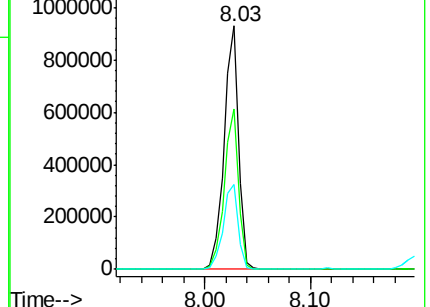
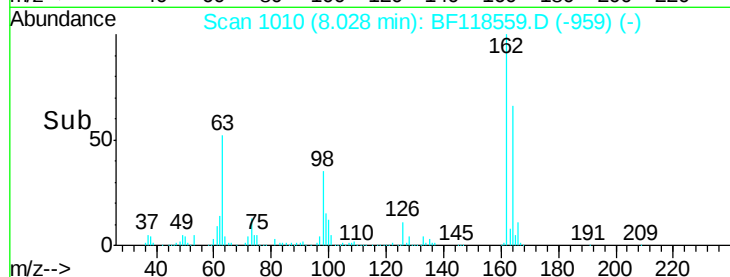
98 34.7 15.4 55.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.394 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

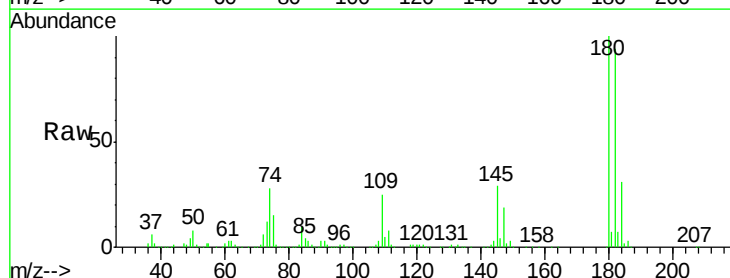
Tgt Ion:180 Resp: 996479

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

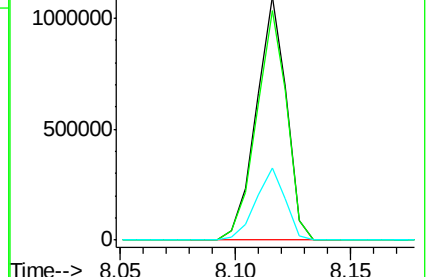
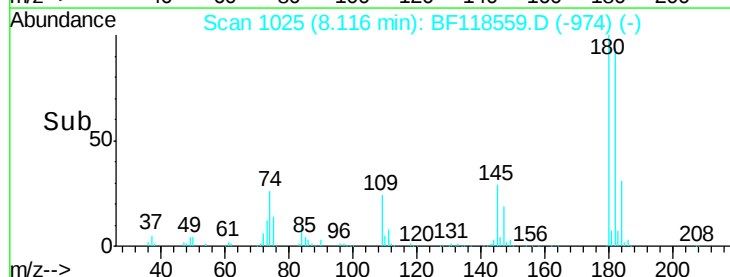
145 29.4 24.2 36.2

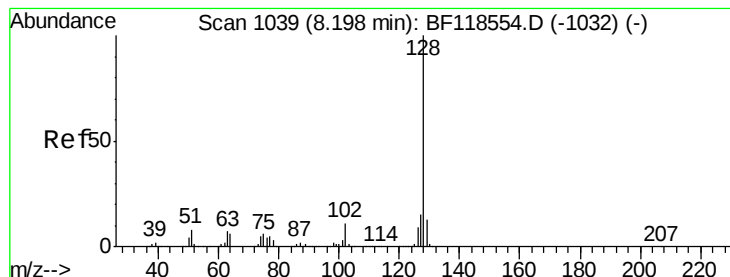


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.145 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

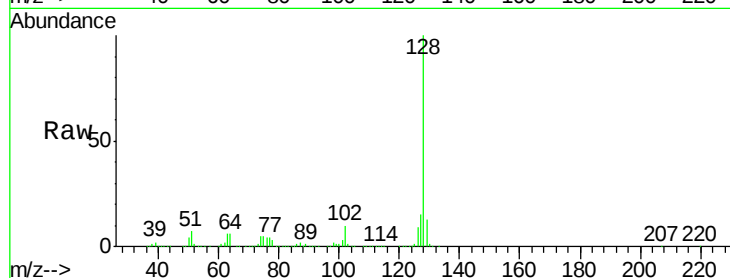
Tot Ion:128 Resp: 2804429

Ion Ratio Lower Upper

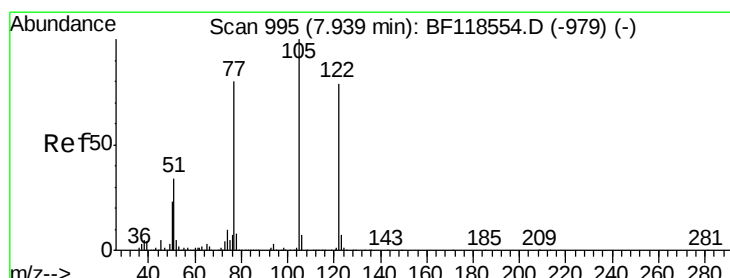
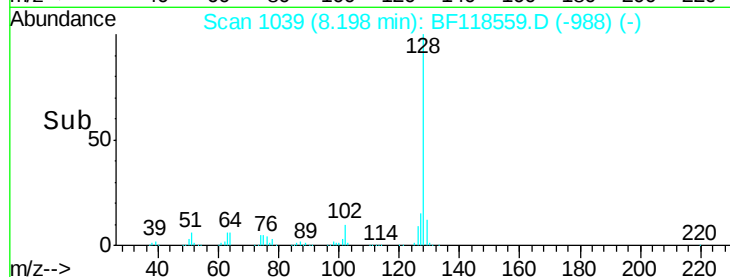
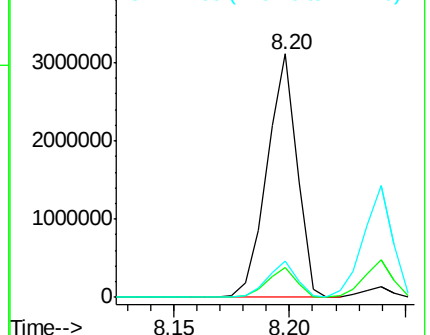
128 100

129 12.5 10.3 15.5

127 14.9 12.1 18.1



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



#32

Benzoic acid

Concen: 44.215 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

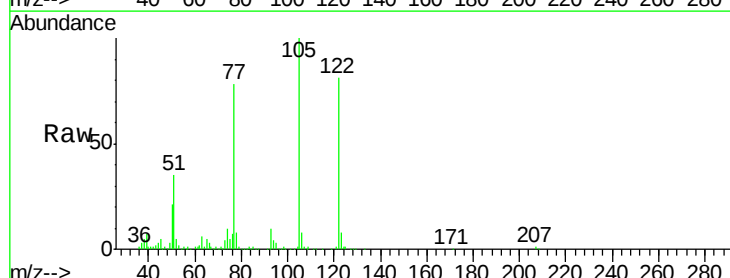
Tgt Ion:122 Resp: 587290

Ion Ratio Lower Upper

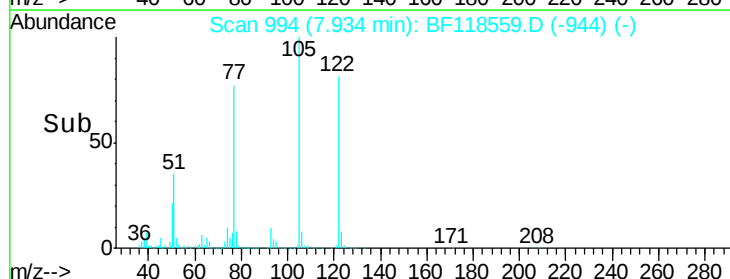
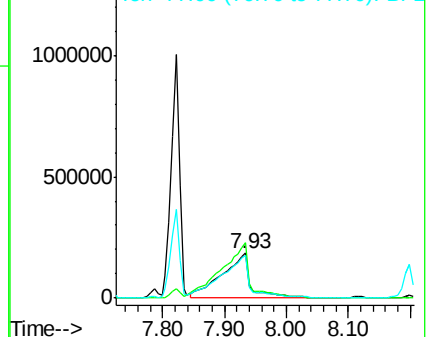
122 100

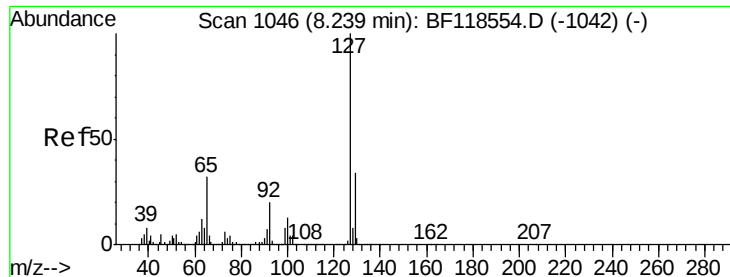
105 123.1 105.0 145.0

77 95.4 80.7 120.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

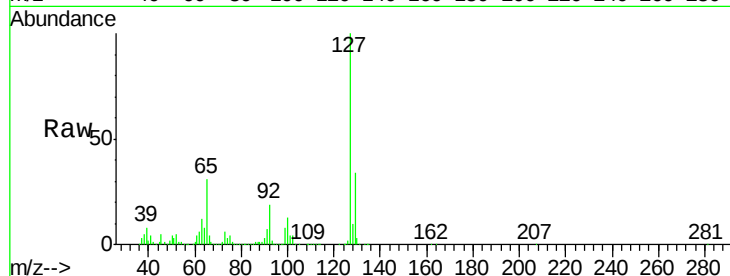




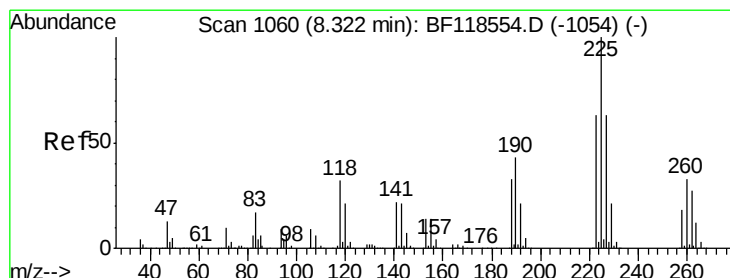
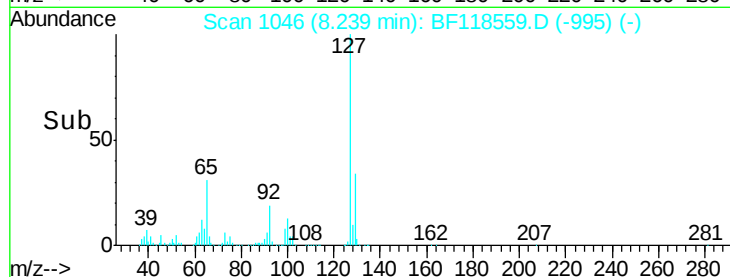
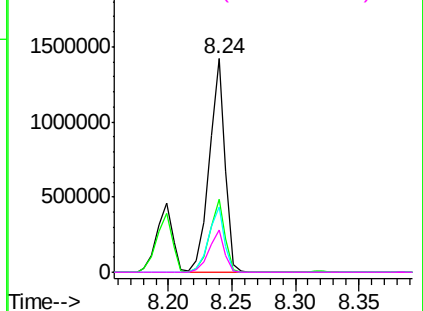
#33
4-Chloroaniline
Concen: 39.759 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:	127	Resp:	1229276
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.0	40.4
65	30.7	25.8	38.8
92	19.5	15.8	23.8

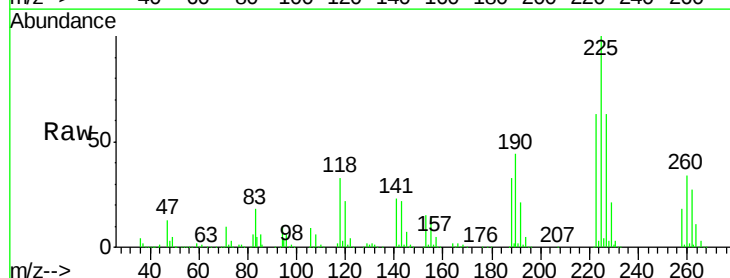


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

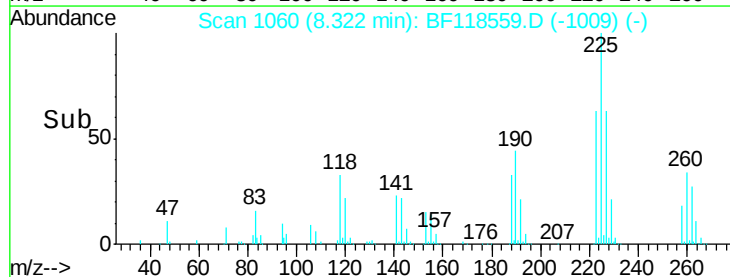
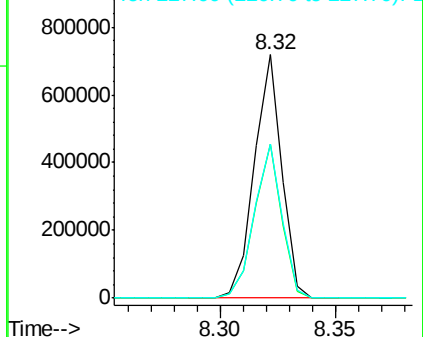


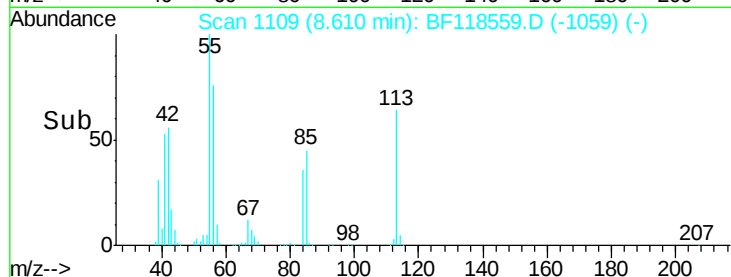
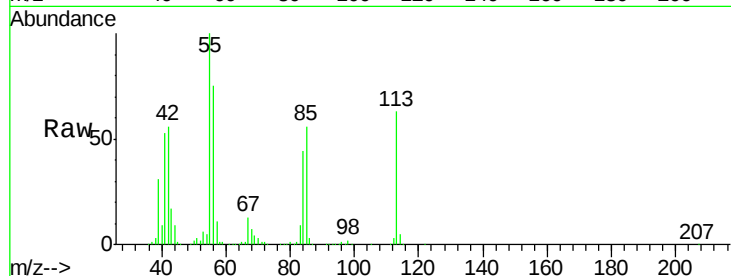
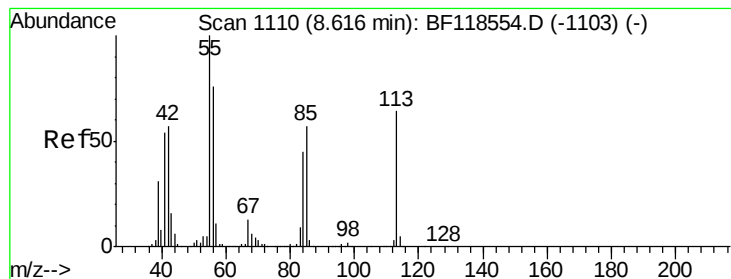
#34
Hexachlorobutadiene
Concen: 37.783 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:	225	Resp:	596141
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.4	50.4	75.6



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: 40.244 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

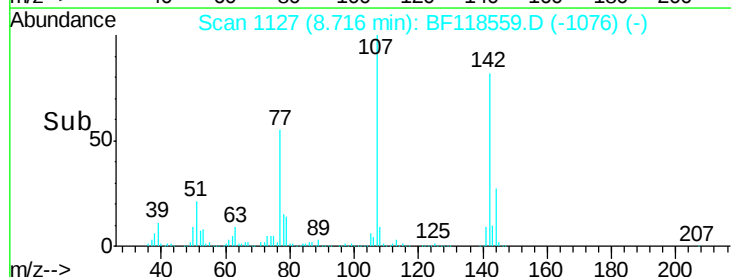
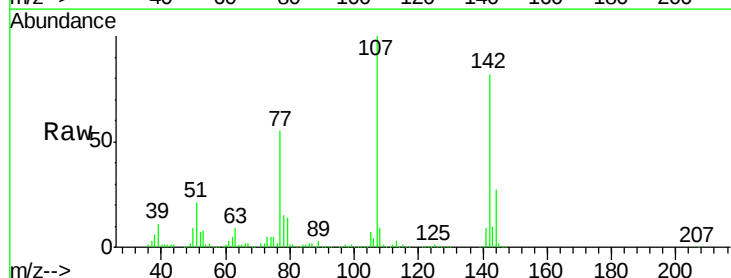
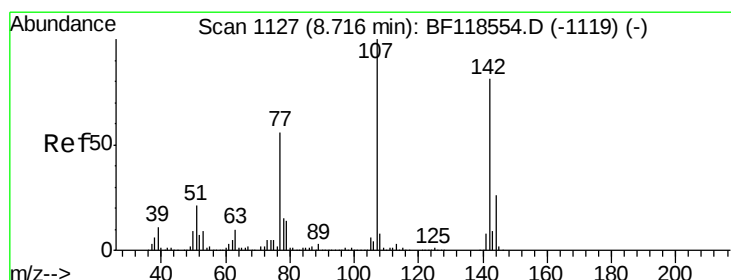
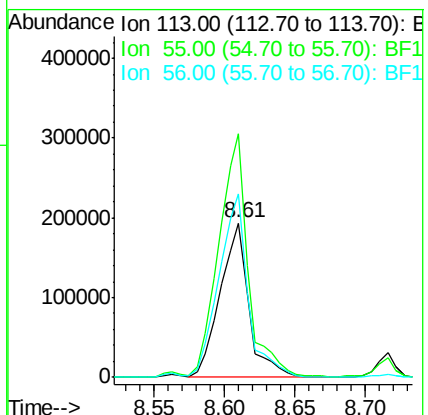
Tot Ion:113 Resp: 271748

Ion Ratio Lower Upper

113 100

55 157.8 137.3 177.3

56 118.9 99.7 139.7



#36

4-Chloro-3-methylphenol

Concen: 41.417 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

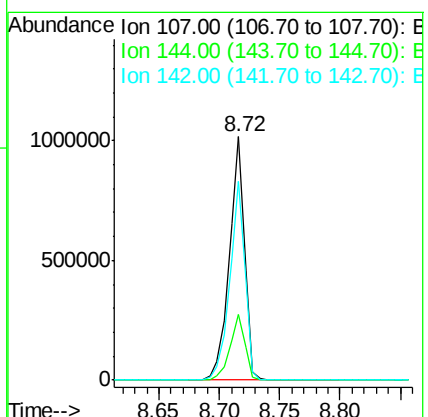
Tgt Ion:107 Resp: 891184

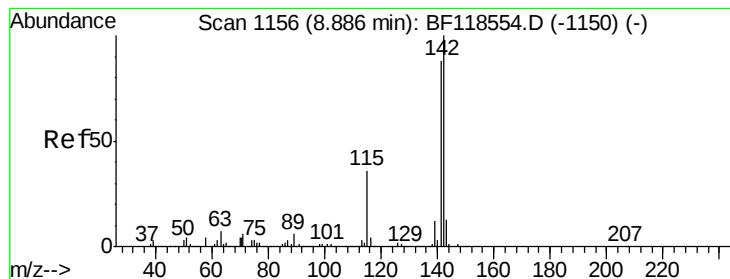
Ion Ratio Lower Upper

107 100

144 26.9 21.2 31.8

142 81.9 64.4 96.6

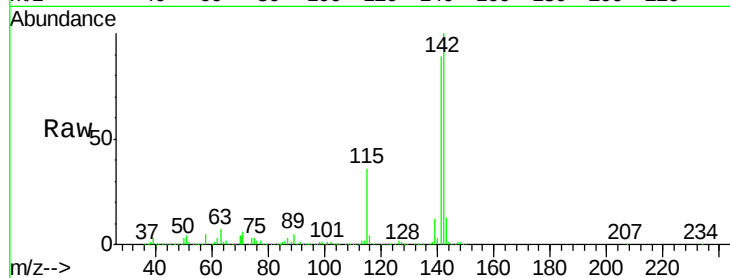




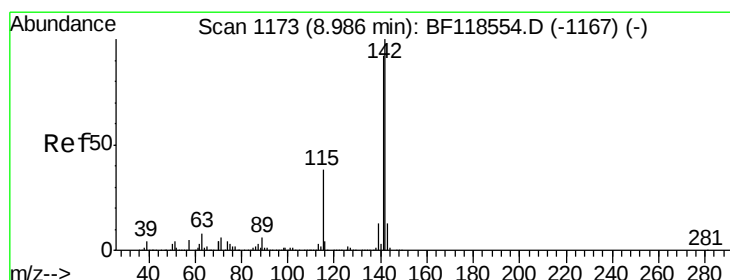
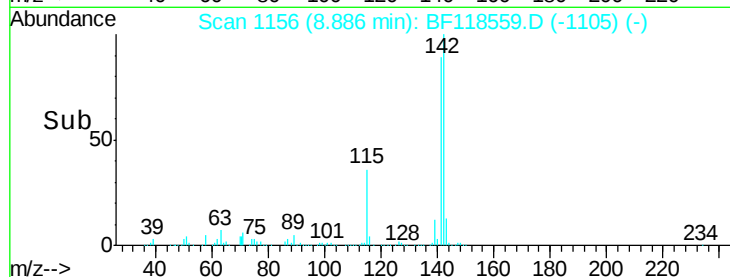
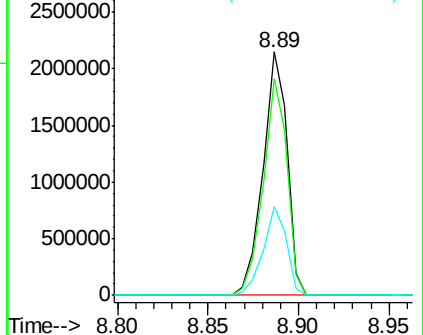
#37
 2-Methylnaphthalene
 Concen: 42.273 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

Tot Ion:142 Resp: 1992865
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.6 106.0
 115 36.5 29.0 43.4

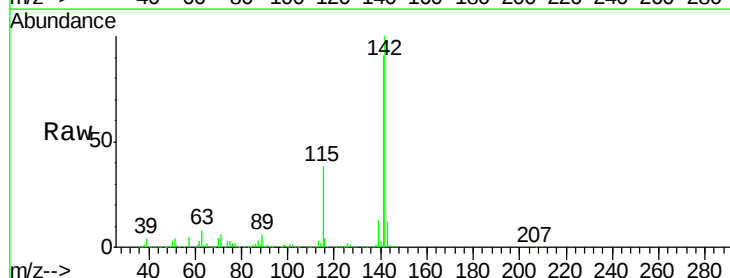


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

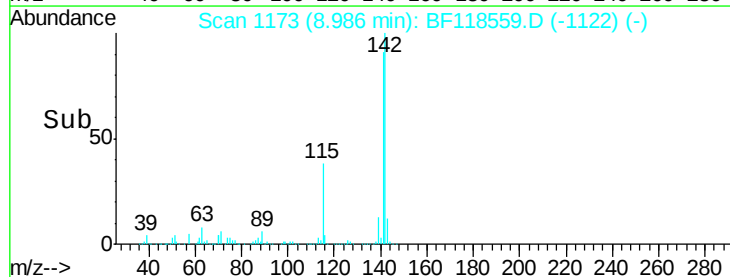
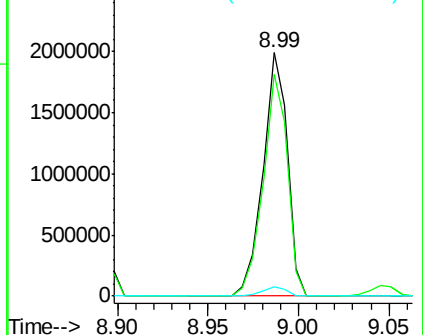


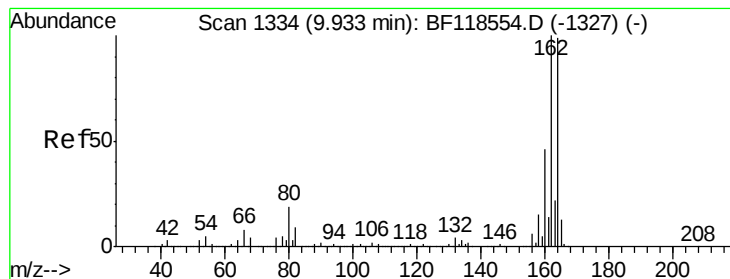
#38
 1-Methylnaphthalene
 Concen: 41.772 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Tgt Ion:142 Resp: 1862995
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.8 110.6
 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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

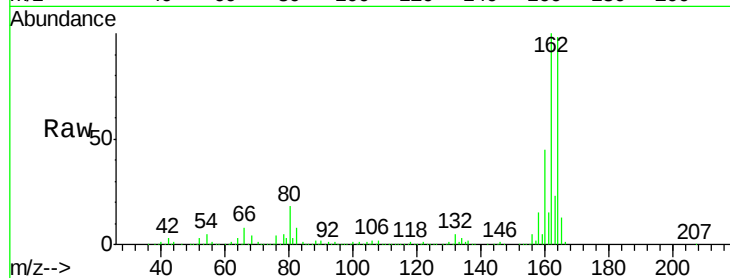
Tot Ion:164 Resp: 791473

Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

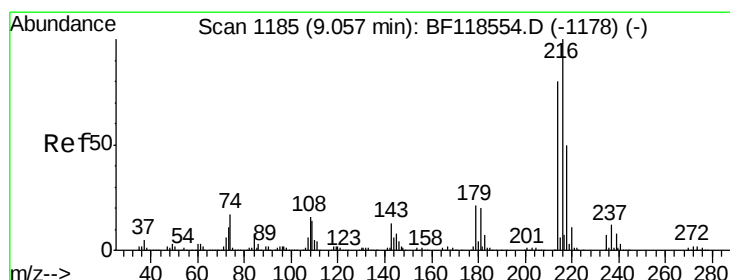
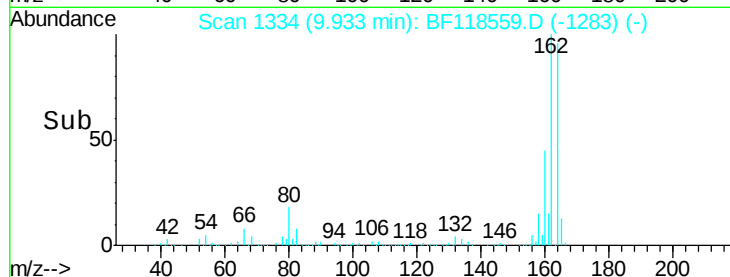
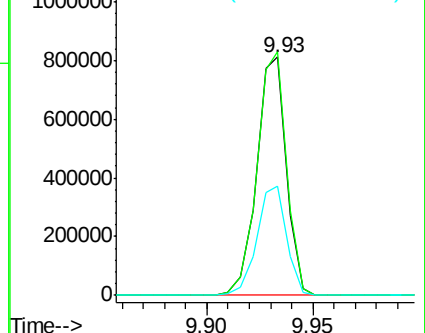
160 46.1 36.7 55.1



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: 41.853 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Tgt Ion:216 Resp: 1068427

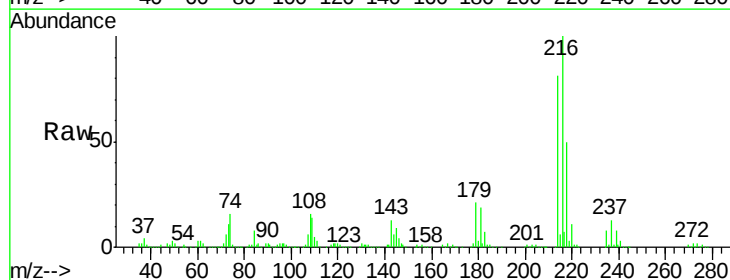
Ion Ratio Lower Upper

216 100

214 79.8 63.6 95.4

179 20.4 16.5 24.7

108 18.5 14.6 21.8

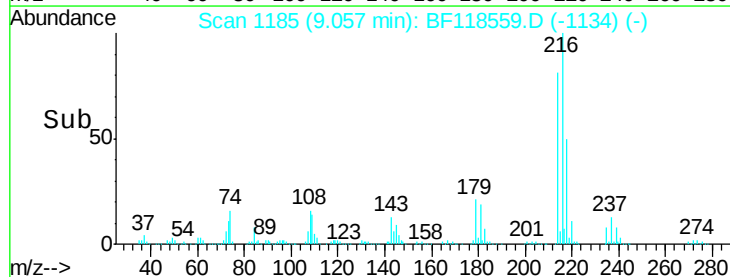
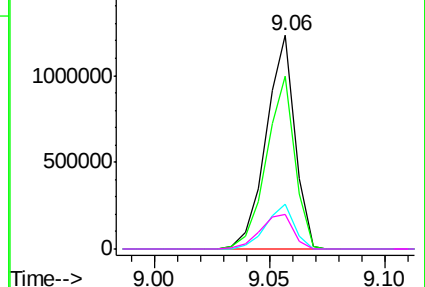


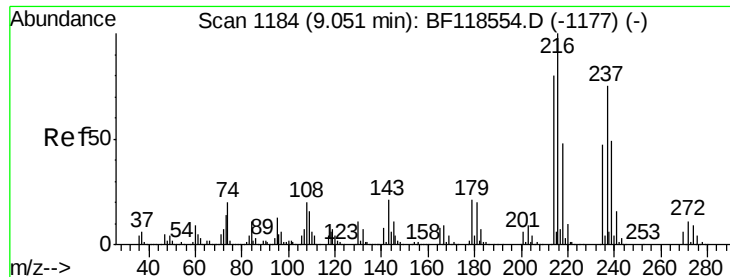
Abundance Ion 216.00 (215.70 to 216.70): E

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: 49.115 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

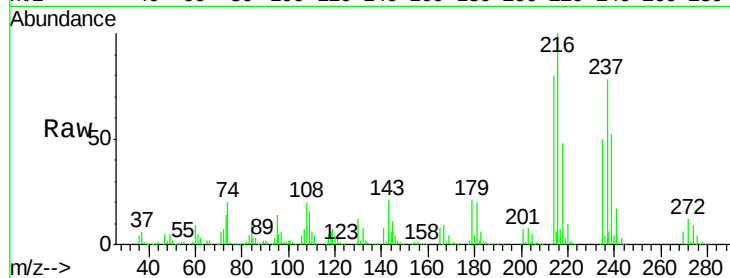
Tot Ion:237 Resp: 655104

Ion Ratio Lower Upper

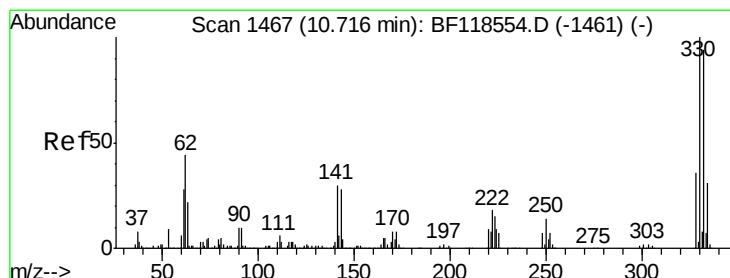
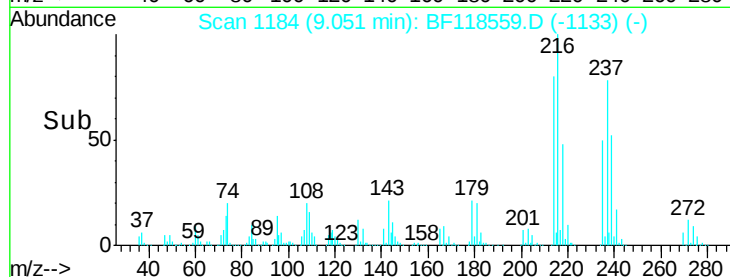
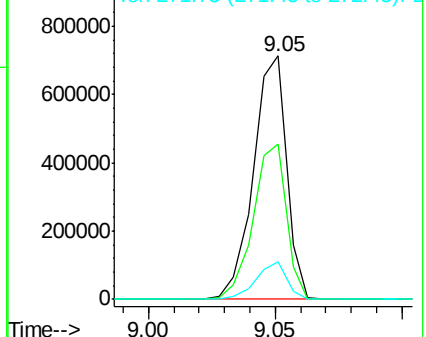
237 100

235 63.6 42.1 82.1

272 15.3 0.0 34.3



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: 85.582 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

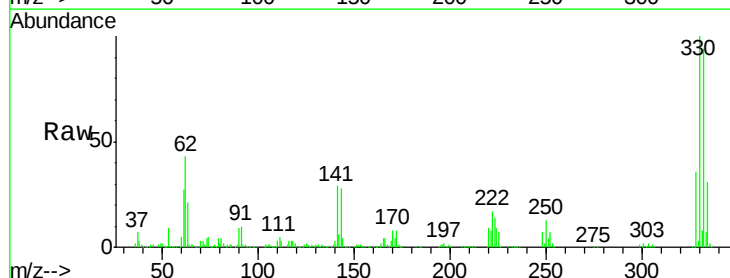
Tgt Ion:330 Resp: 748801

Ion Ratio Lower Upper

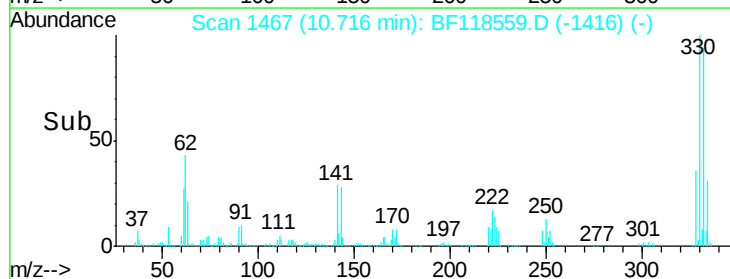
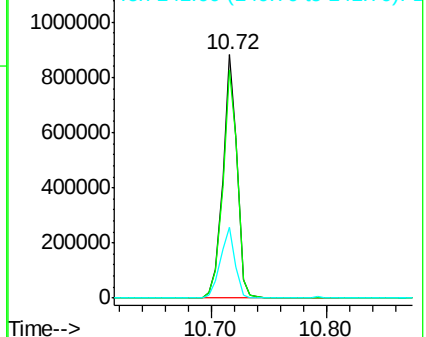
330 100

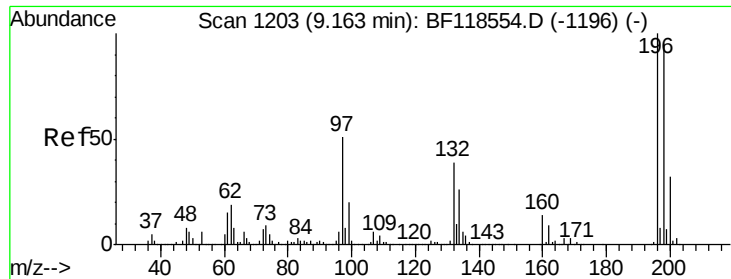
332 95.8 76.4 114.6

141 30.2 23.4 35.2



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

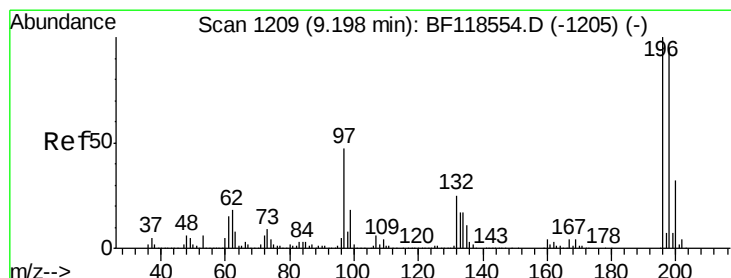
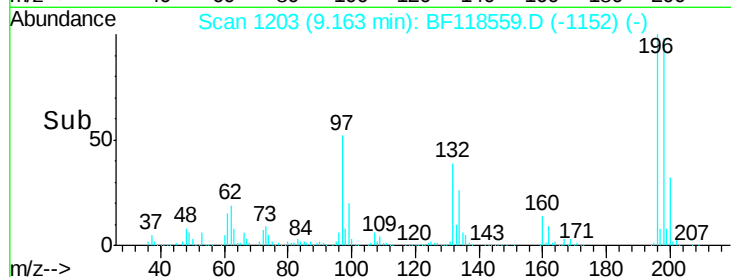
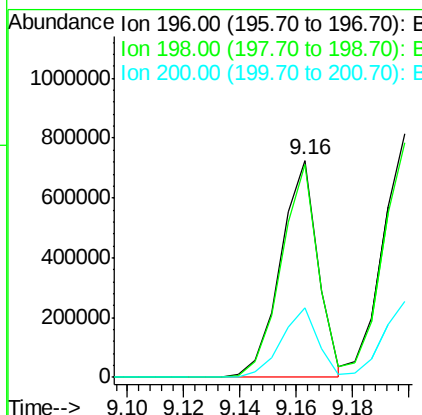
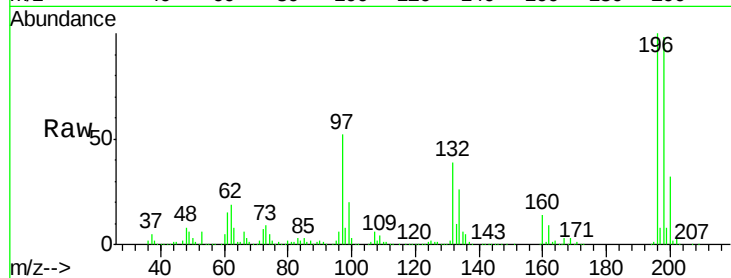




#43
2,4,6-Trichlorophenol
Concen: 40.976 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

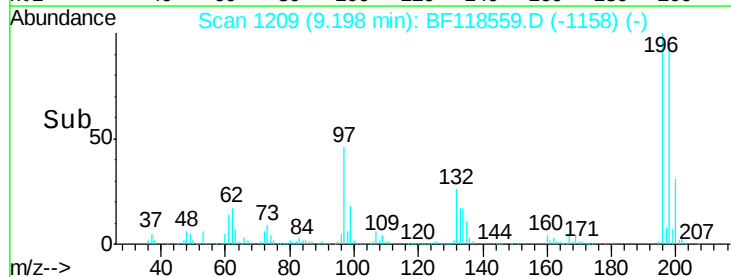
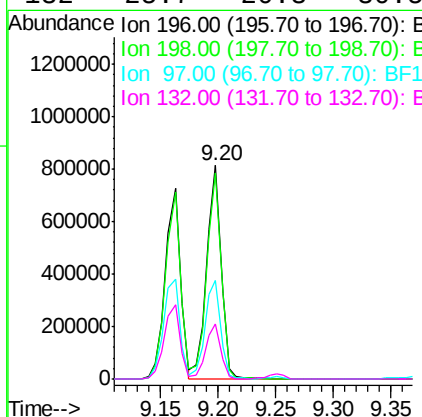
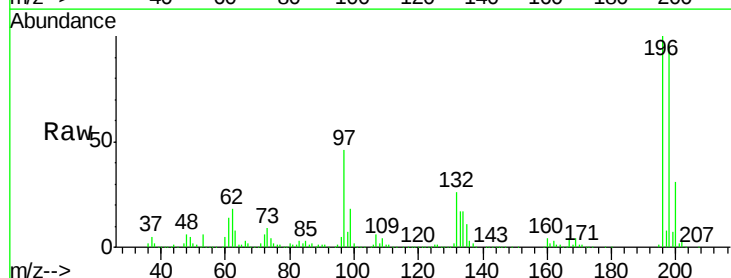
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

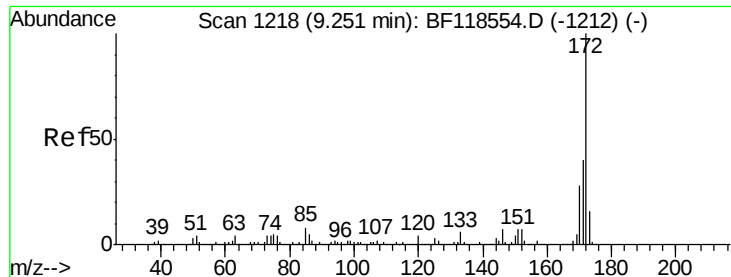
Tot Ion:196 Resp: 666478
Ion Ratio Lower Upper
196 100
198 97.8 76.0 114.0
200 32.0 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 43.588 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:196 Resp: 716770
Ion Ratio Lower Upper
196 100
198 96.4 76.2 114.4
97 46.3 37.4 56.2
132 25.7 20.3 30.5

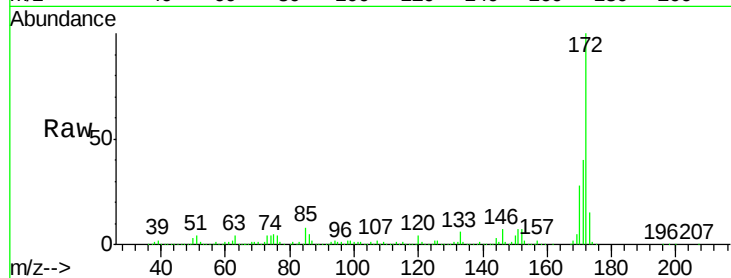




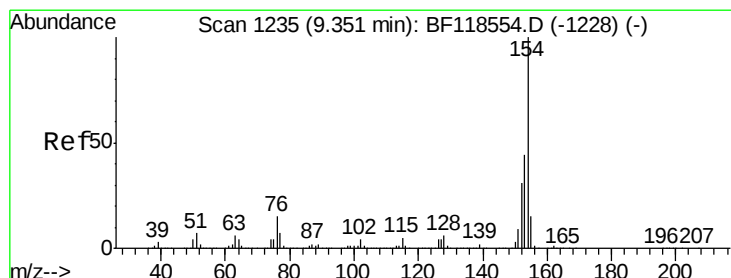
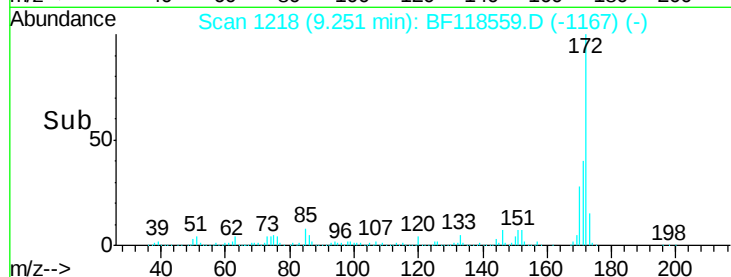
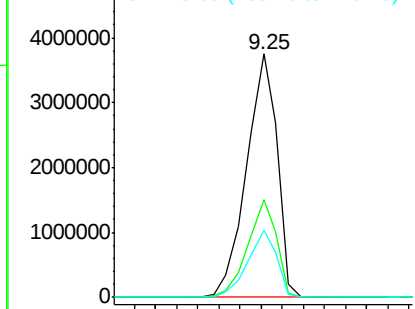
#45
2-Fluorobiphenyl
Concen: 86.074 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:172 Resp: 3773637
Ion Ratio Lower Upper
172 100
171 40.1 32.4 48.6
170 27.6 22.5 33.7

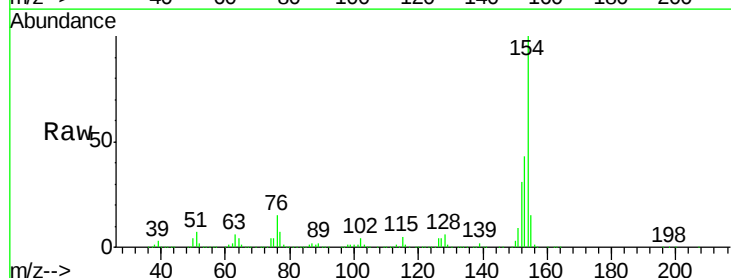


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

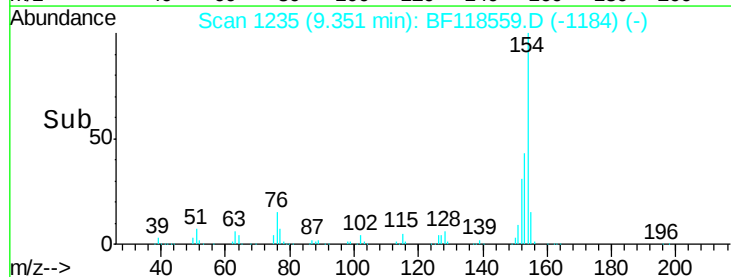
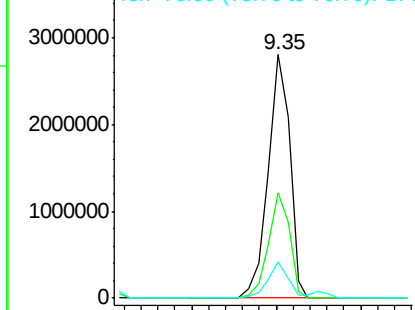


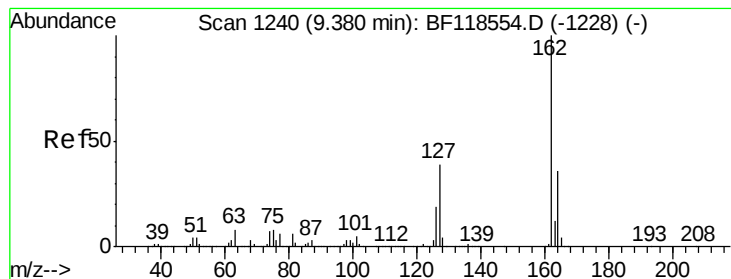
#46
1,1'-Biphenyl
Concen: 43.838 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:154 Resp: 2479187
Ion Ratio Lower Upper
154 100
153 43.5 23.7 63.7
76 15.1 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.256 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

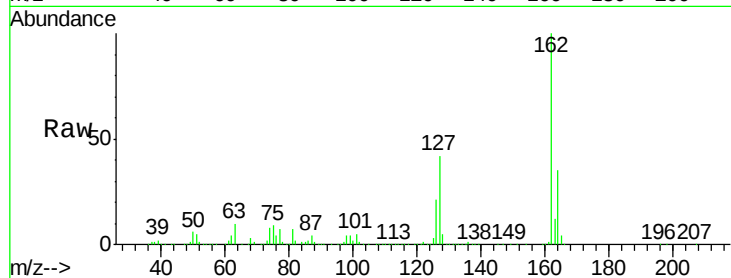
Tot Ion:162 Resp: 1918871

Ion Ratio Lower Upper

162 100

127 41.6 31.0 46.4

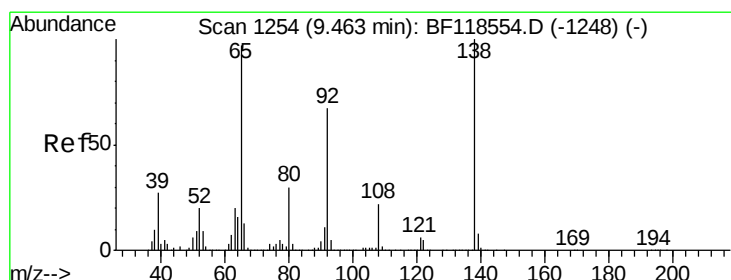
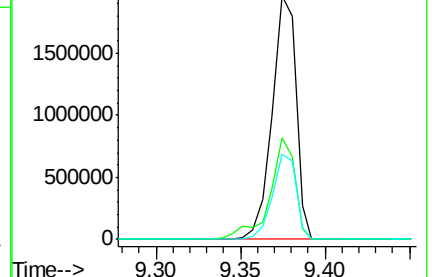
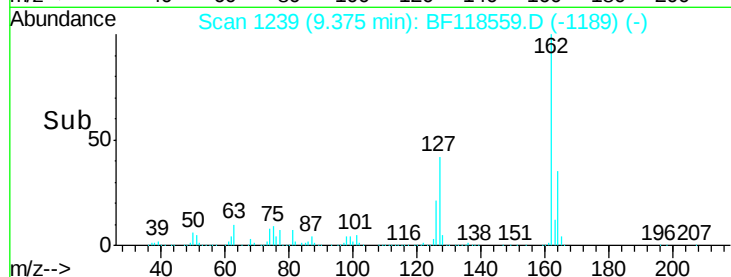
164 34.9 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.751 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

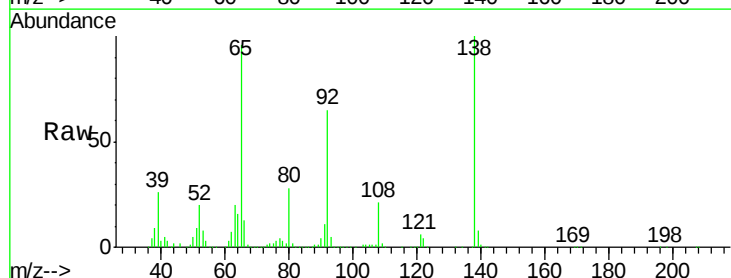
Tgt Ion: 65 Resp: 554809

Ion Ratio Lower Upper

65 100

92 67.9 55.3 82.9

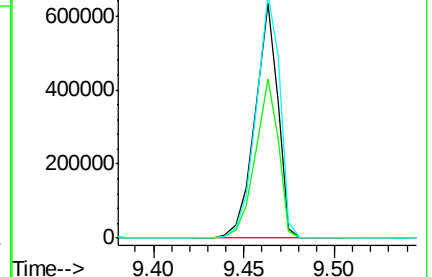
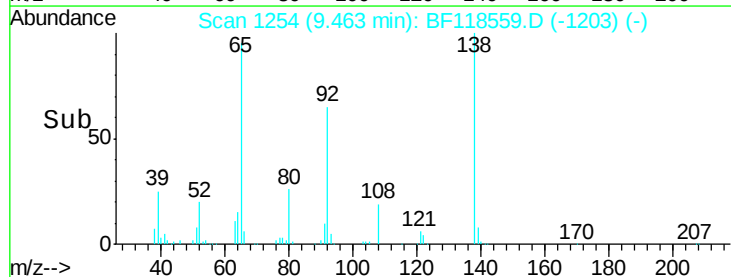
138 103.8 82.9 124.3

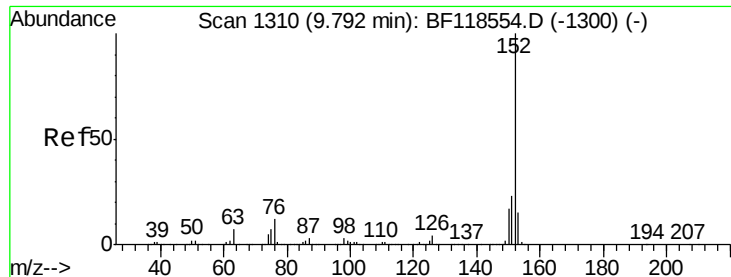


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.249 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

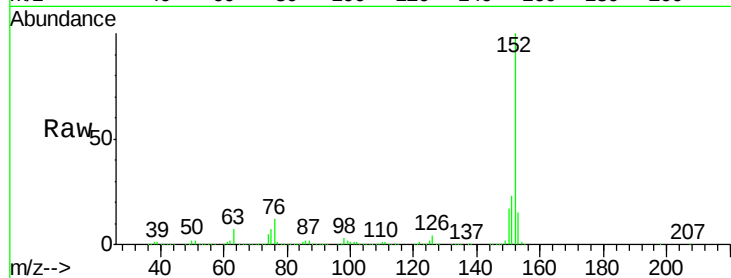
BNA_F

ClientSampleId :

ICVBF011720

Tot Ion:152 Resp: 2910782

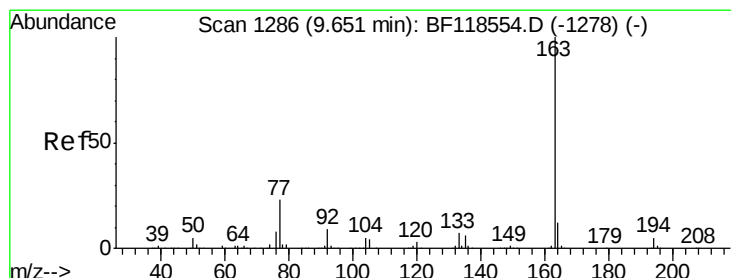
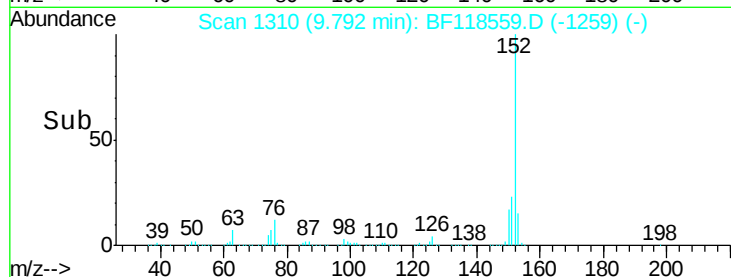
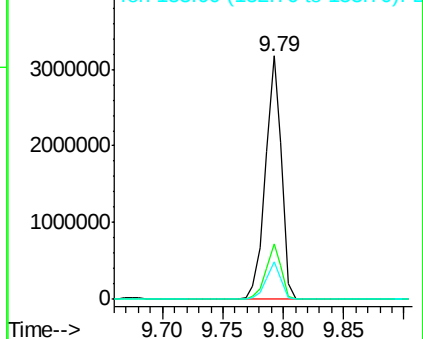
Ion	Ratio	Lower	Upper
152	100		
151	22.9	18.6	27.8
153	15.2	12.3	18.5



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: 40.034 ng

RT: 9.65 min Scan# 1286

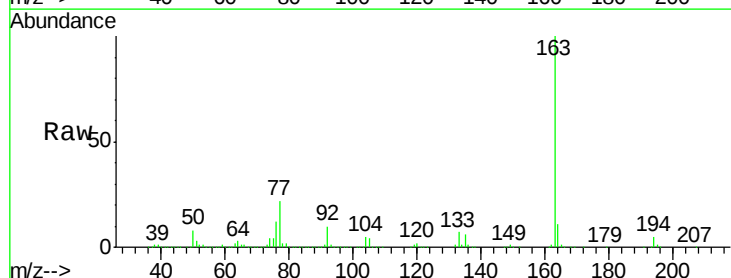
Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Tgt Ion:163 Resp: 2175543

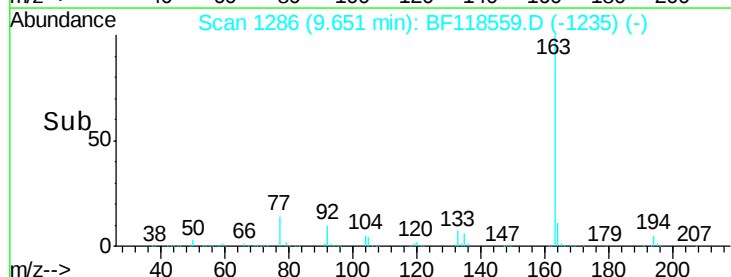
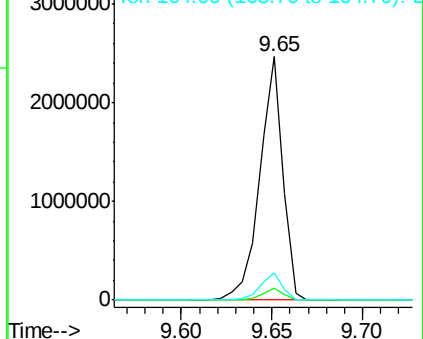
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	11.1	9.3	13.9

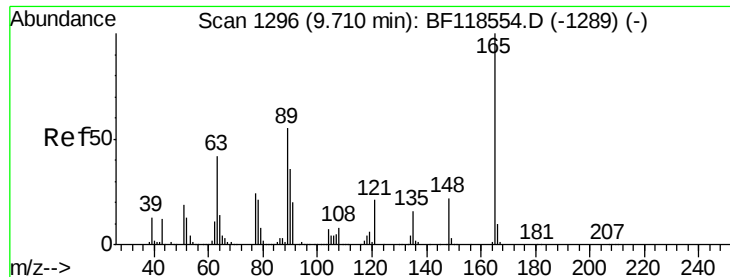


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

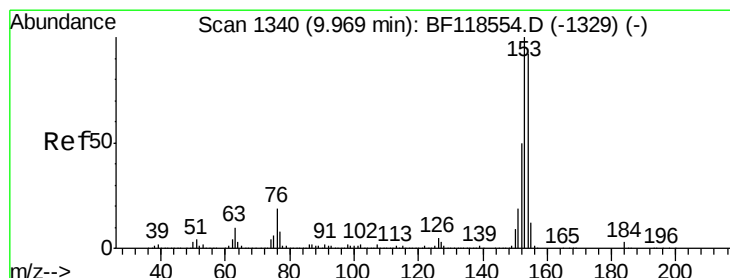
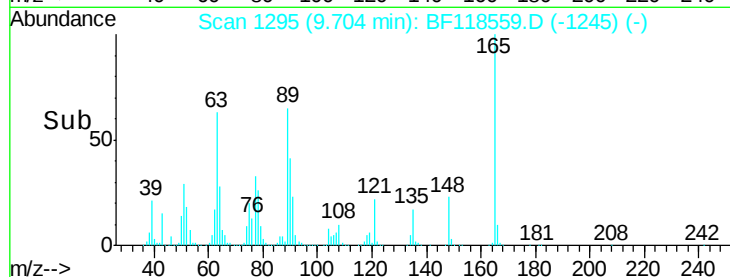
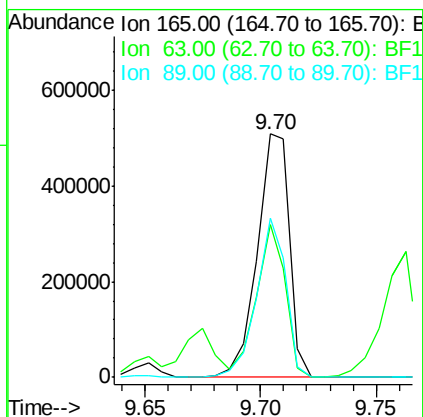
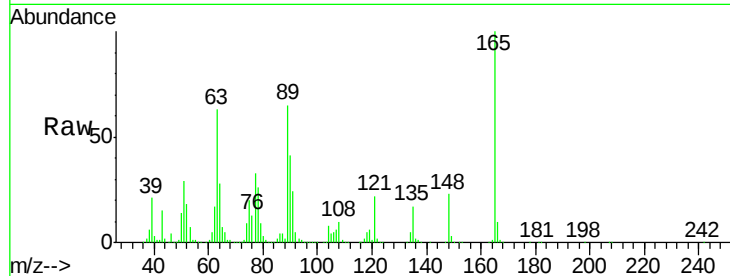




#51
 2,6-Dinitrotoluene
 Concen: 47.705 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

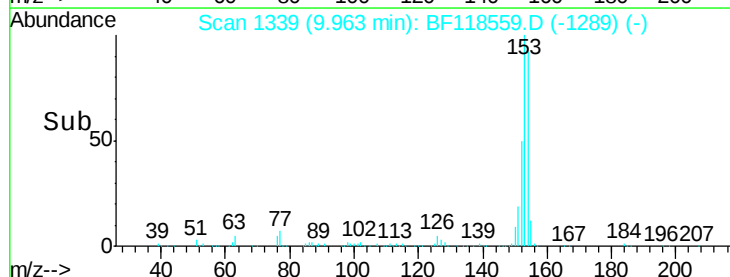
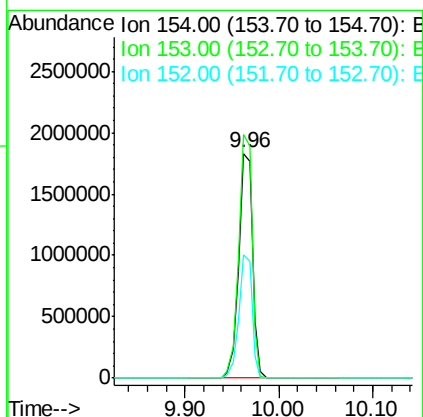
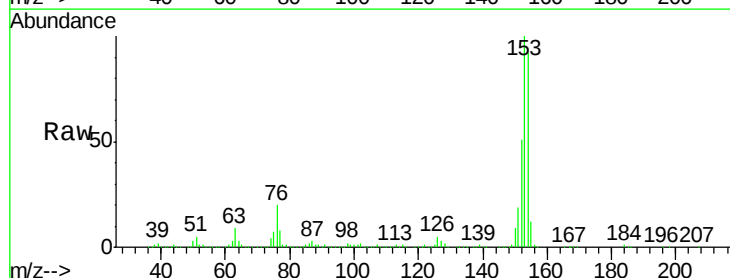
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

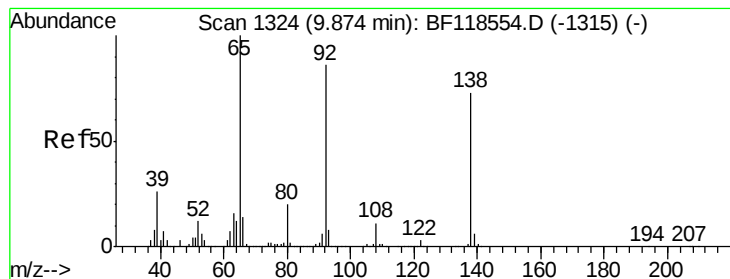
Tot Ion:165 Resp: 494623
 Ion Ratio Lower Upper
 165 100
 63 62.8 41.9 62.9
 89 65.2 44.0 66.0



#52
 Acenaphthene
 Concen: 42.356 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Tgt Ion:154 Resp: 1867485
 Ion Ratio Lower Upper
 154 100
 153 108.4 87.0 130.4
 152 54.9 43.8 65.8





#53

3-Nitroaniline

Concen: 43.277 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

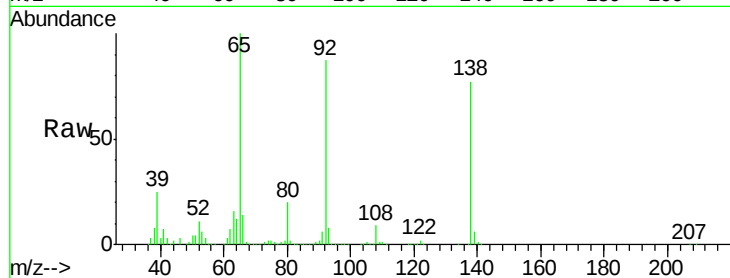
Tot Ion:138 Resp: 508315

Ion Ratio Lower Upper

138 100

108 11.2 12.2 18.4#

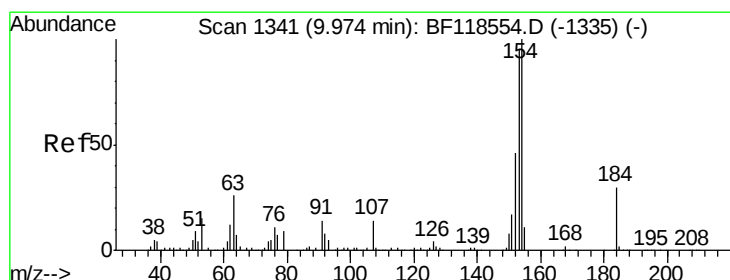
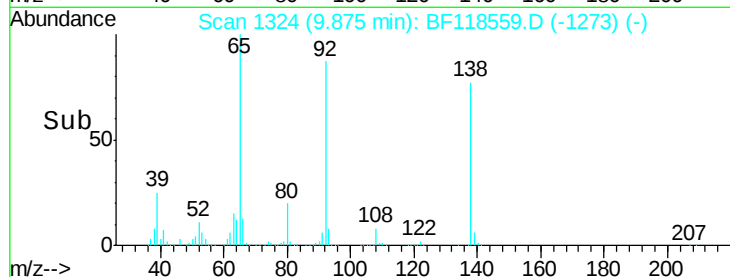
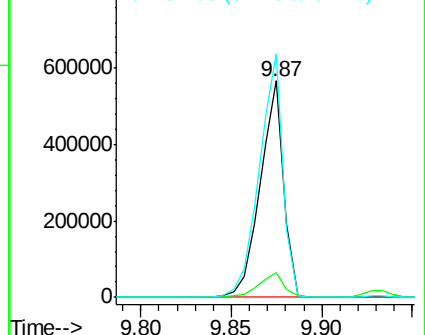
92 112.5 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 41.933 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

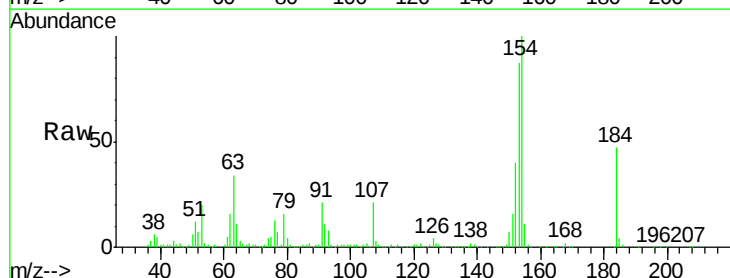
Tgt Ion:184 Resp: 159785

Ion Ratio Lower Upper

184 100

63 73.3 69.4 104.0

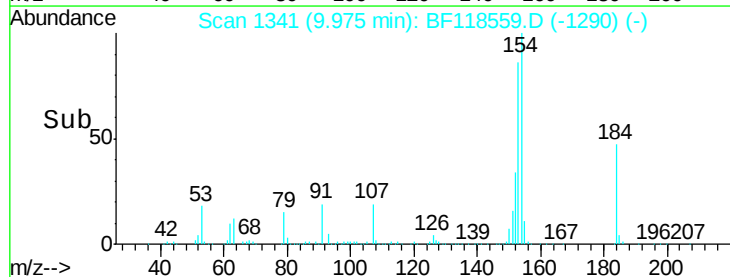
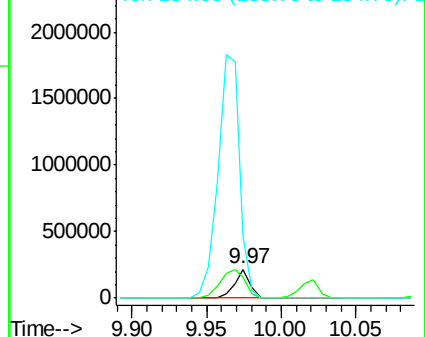
154 213.1 268.5 402.7#

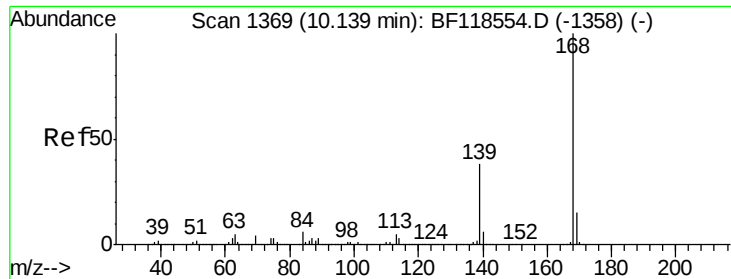


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

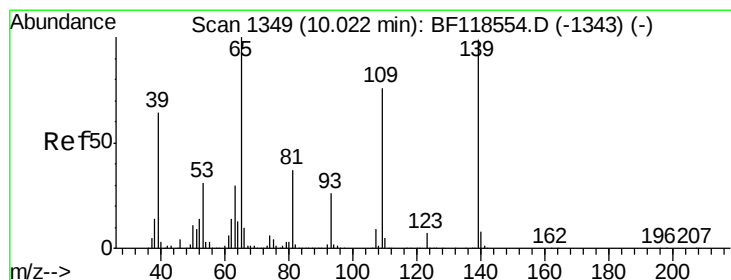
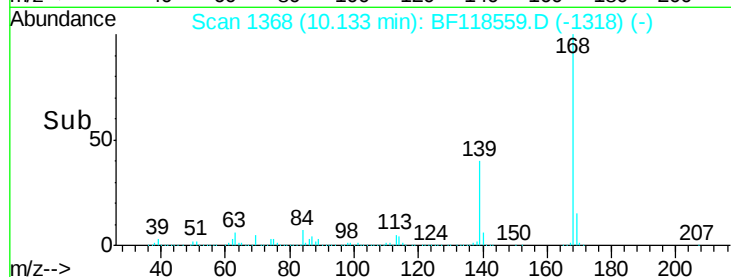
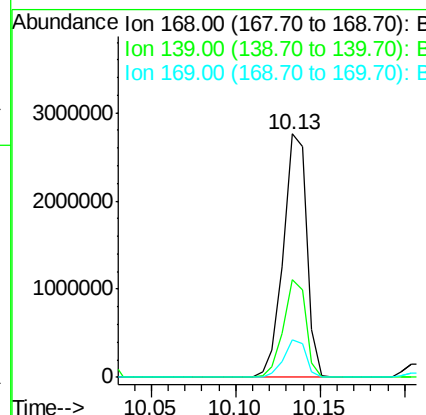
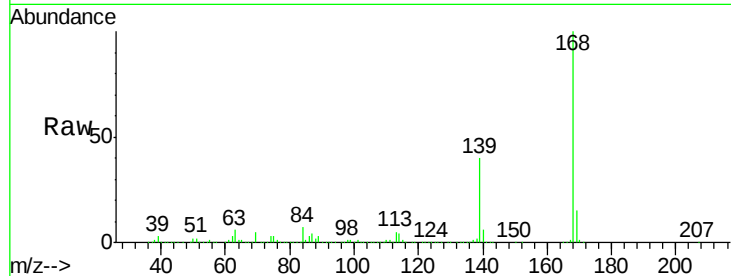




#55
Dibenzofuran
Concen: 42.758 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

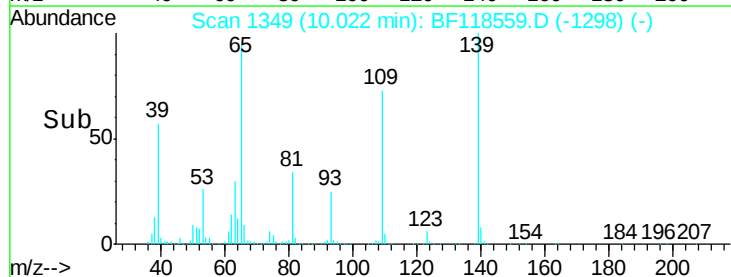
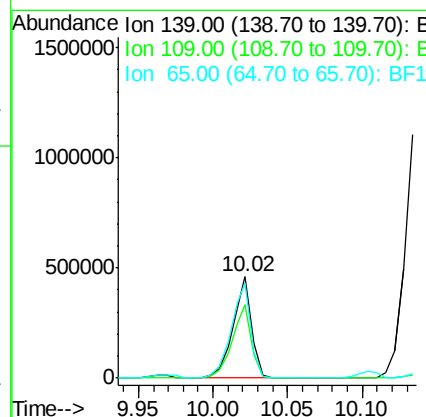
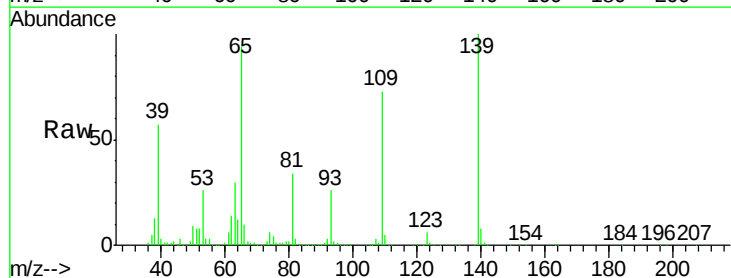
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

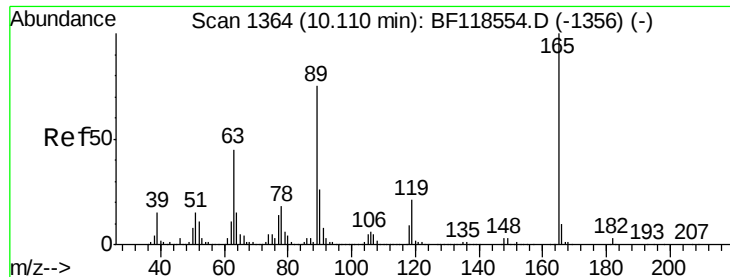
Tot Ion:168 Resp: 2667841
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 15.2 11.9 17.9



#56
4-Nitrophenol
Concen: 46.841 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:139 Resp: 406421
Ion Ratio Lower Upper
139 100
109 73.0 56.9 96.9
65 94.5 81.7 121.7

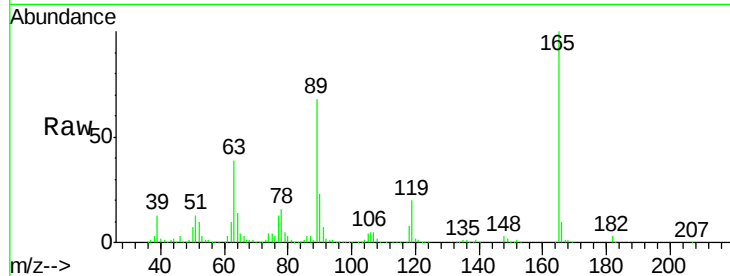




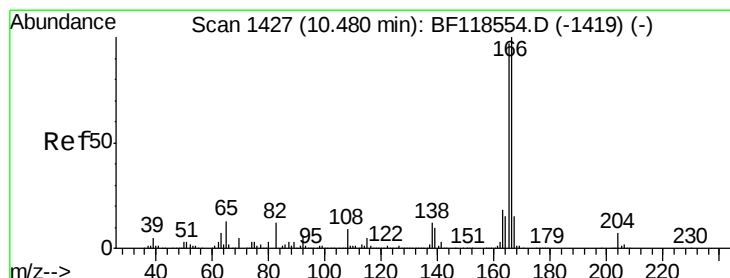
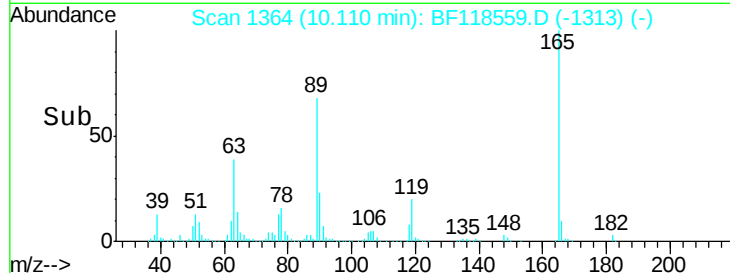
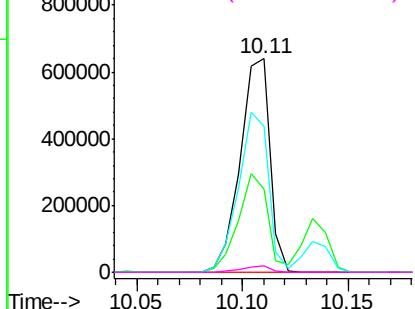
#57
2,4-Dinitrotoluene
Concen: 45.856 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:165 Resp: 623243
Ion Ratio Lower Upper
165 100
63 38.8 35.8 53.6
89 68.3 59.9 89.9
182 3.0 2.2 3.2

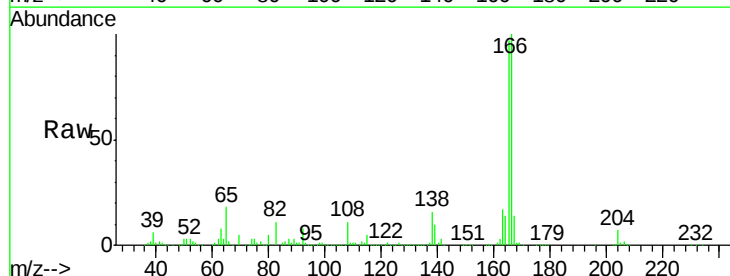


Abundance Ion 165.00 (164.70 to 165.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

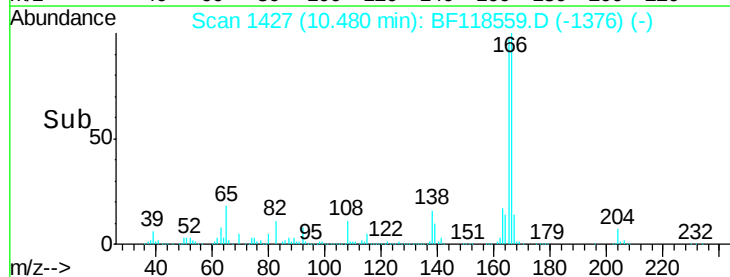
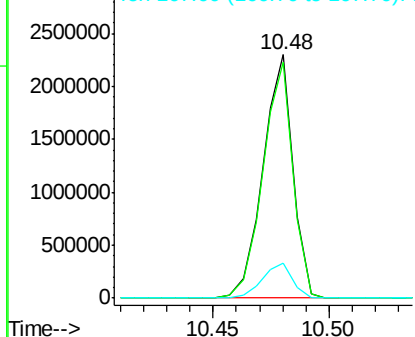


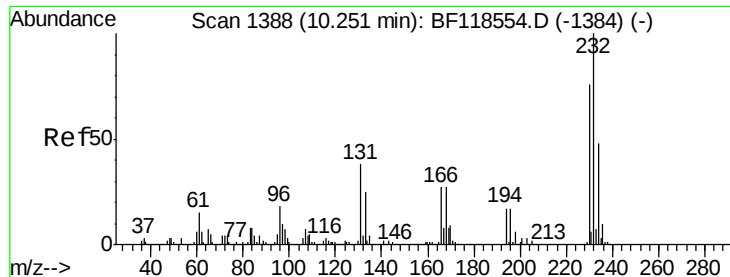
#58
Fluorene
Concen: 42.875 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:166 Resp: 2071565
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 14.3 11.7 17.5



Abundance Ion 166.00 (165.70 to 166.70): E
3000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

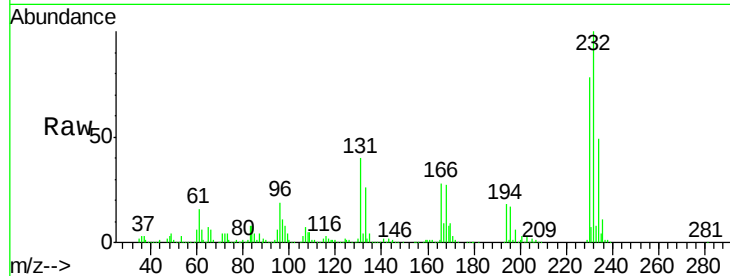




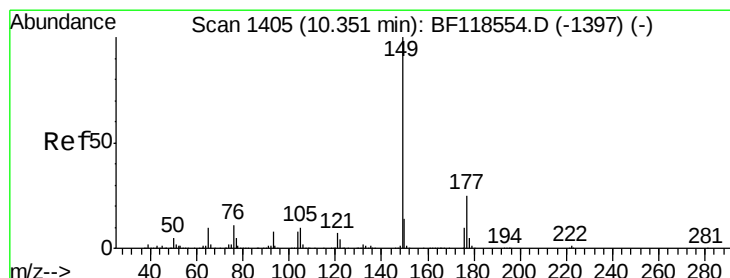
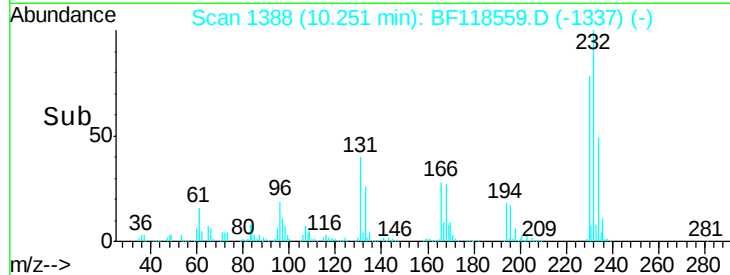
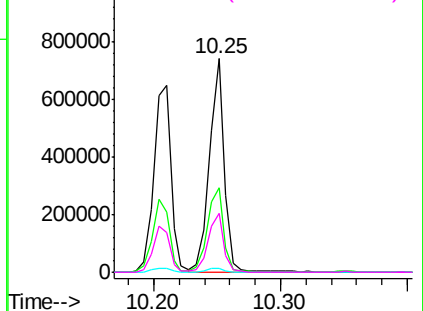
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.432 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011720

Tot Ion:232	Resp:	611006
Ion	Ratio	Lower Upper
232	100	
131	42.5	32.3 48.5
130	2.2	1.7 2.5
166	28.6	22.2 33.2

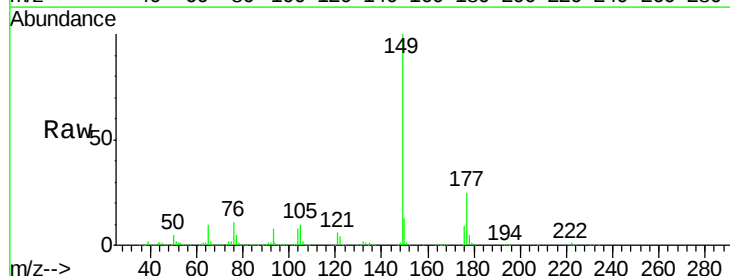


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

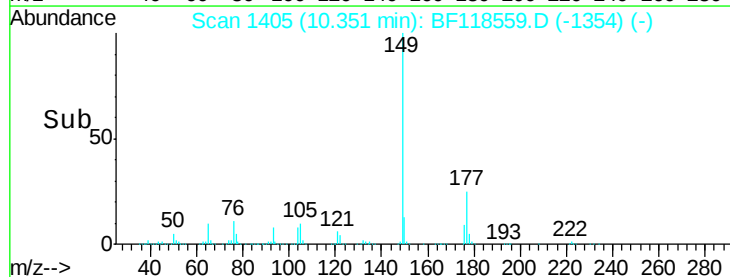
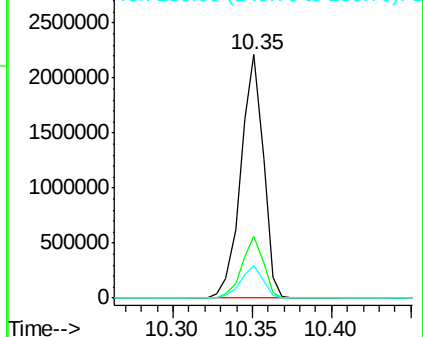


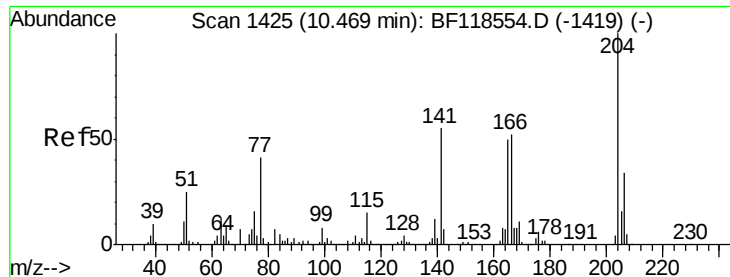
#60
 Diethylphthalate
 Concen: 40.774 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118559.D
 Acq: 17 Jan 2020 15:34

Tgt Ion:149	Resp:	2163161
Ion	Ratio	Lower Upper
149	100	
177	25.3	20.2 30.4
150	13.4	11.0 16.4



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

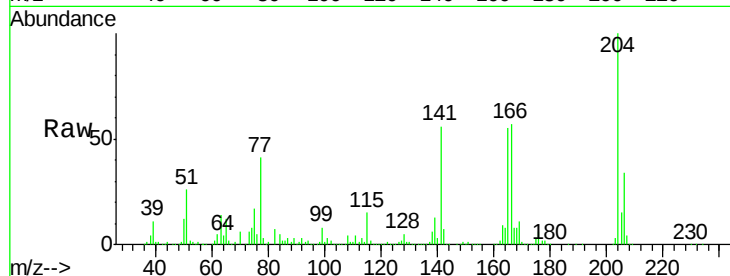




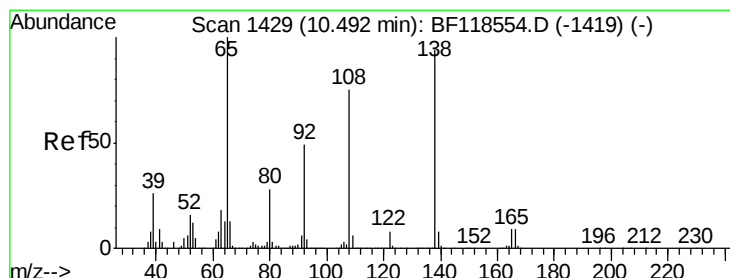
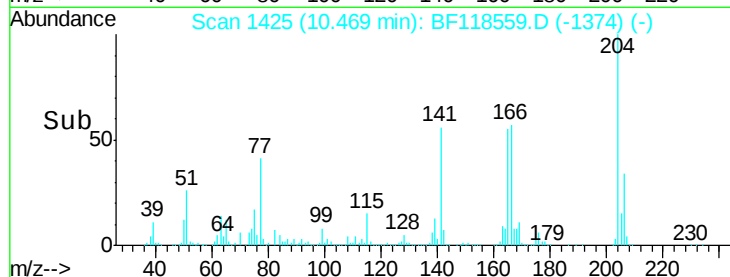
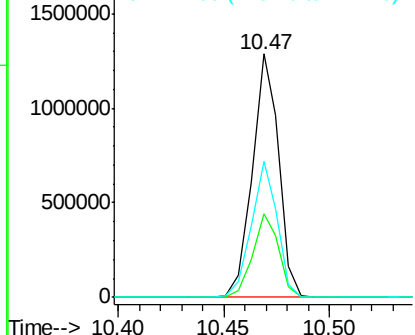
#61
4-Chlorophenyl-phenylether
Concen: 42.150 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:204 Resp: 1114139
Ion Ratio Lower Upper
204 100
206 34.1 27.1 40.7
141 55.8 44.4 66.6

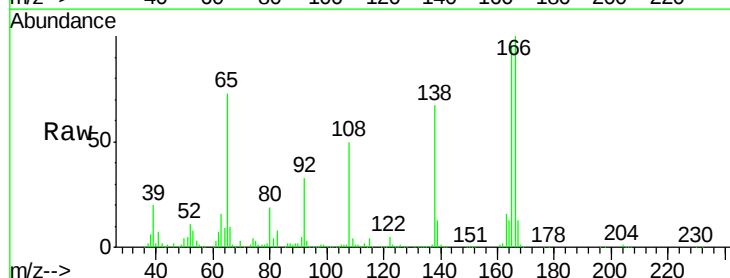


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

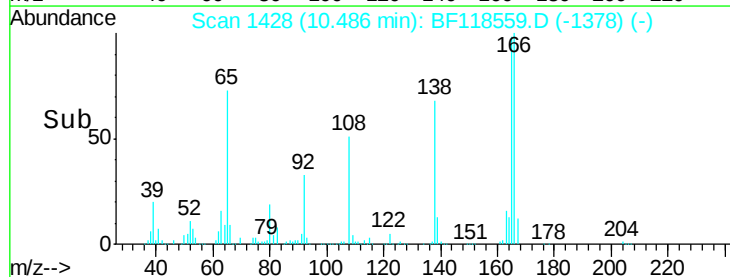
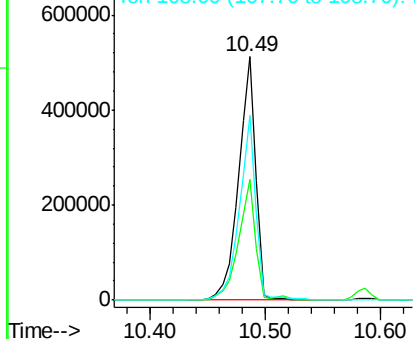


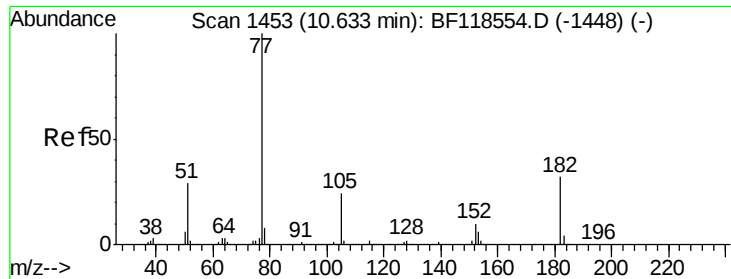
#62
4-Nitroaniline
Concen: 45.006 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:138 Resp: 525023
Ion Ratio Lower Upper
138 100
92 49.4 31.7 71.7
108 75.7 59.6 99.6



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

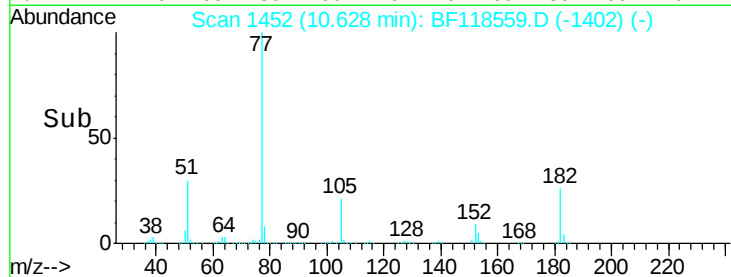
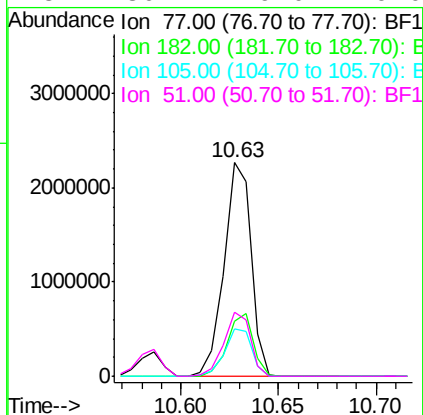
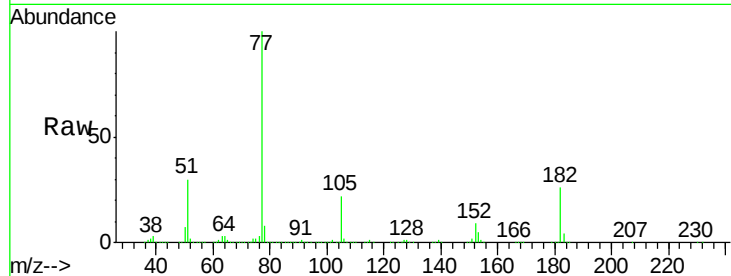




#63
Azobenzene
Concen: 42.042 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

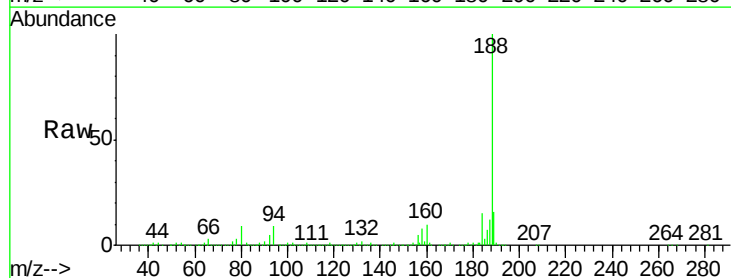
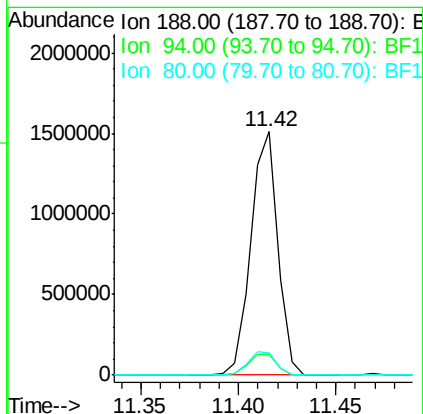
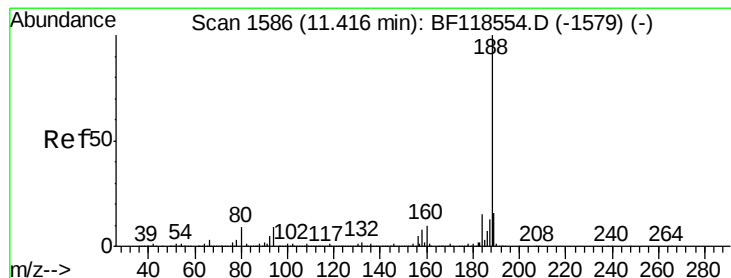
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

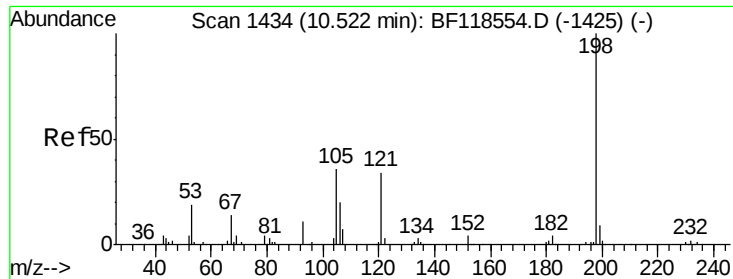
Tot Ion: 77 Resp: 2173838
Ion Ratio Lower Upper
77 100
182 26.0 11.7 51.7
105 22.0 3.6 43.6
51 30.1 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion: 188 Resp: 1441973
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.2 7.4 11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 45.129 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

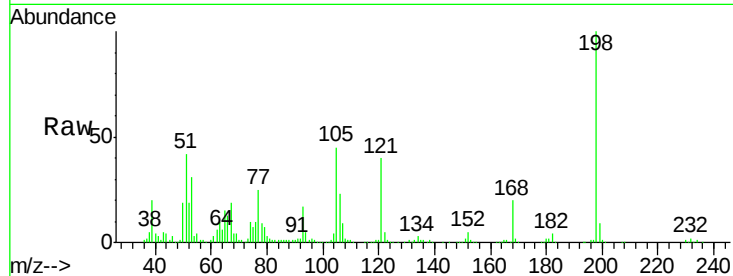
Tot Ion:198 Resp: 260563

Ion Ratio Lower Upper

198 100

51 42.1 13.2 53.2

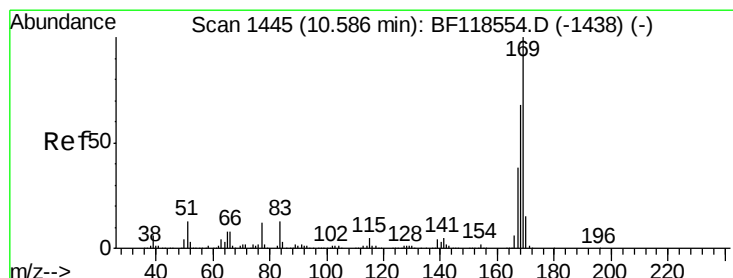
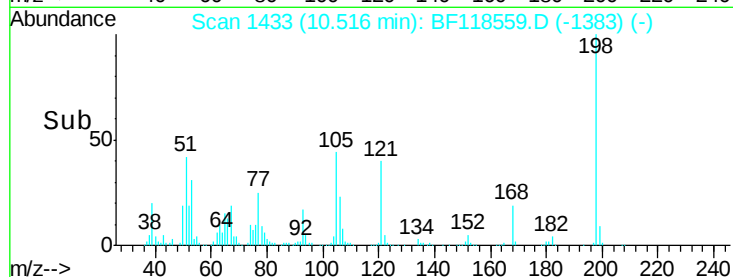
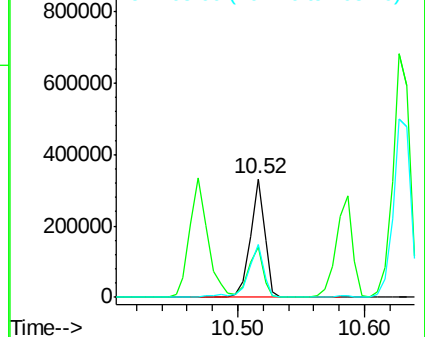
105 44.5 17.2 57.2



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: 41.148 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

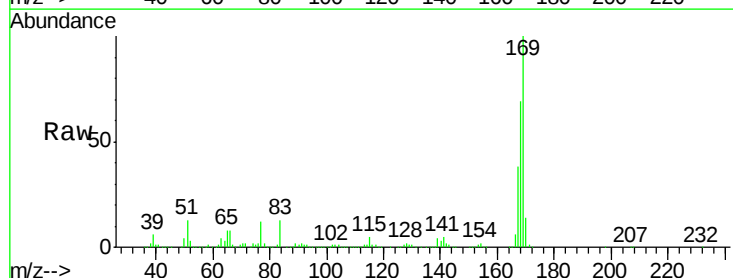
Tgt Ion:169 Resp: 1906525

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.4

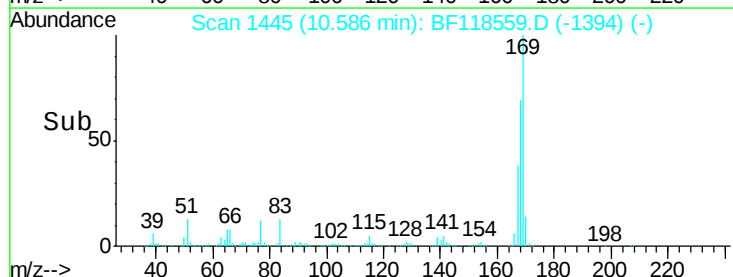
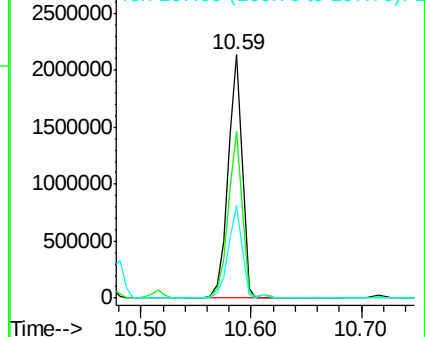
167 38.2 30.5 45.7

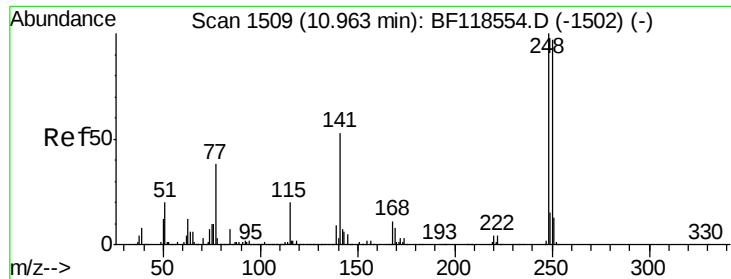


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

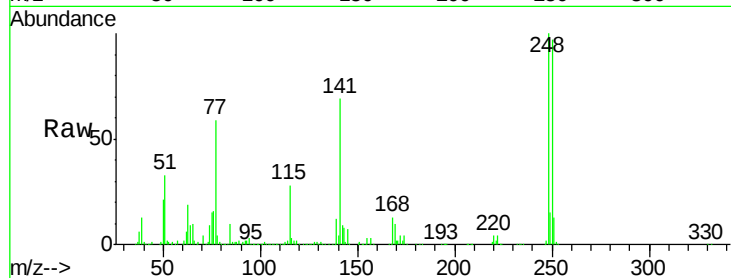




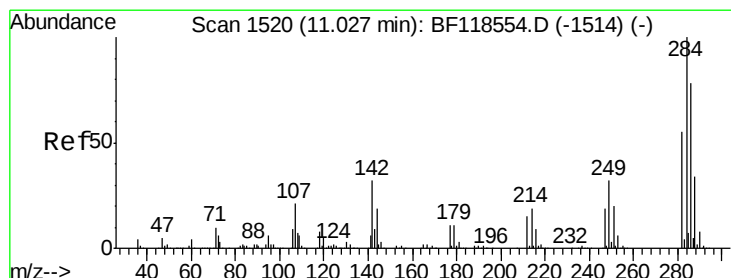
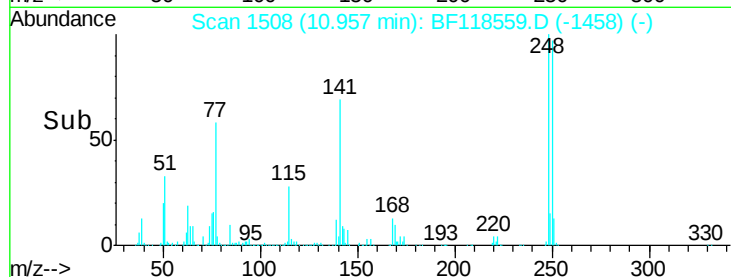
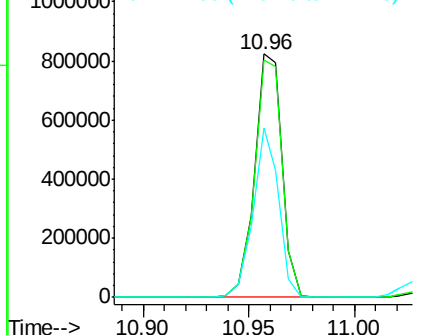
#67
4-Bromophenyl-phenylether
Concen: 38.540 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:248 Resp: 743911
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 69.5 42.7 64.1#

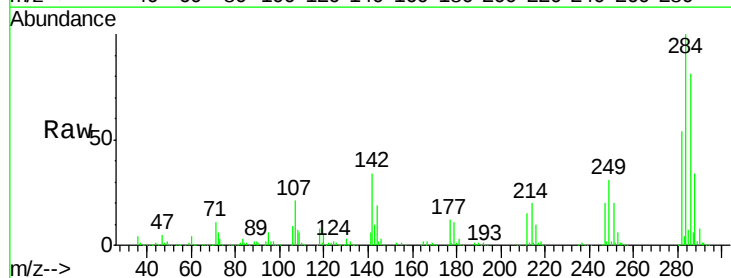


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

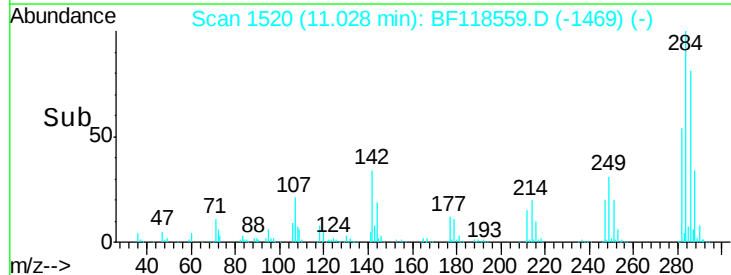
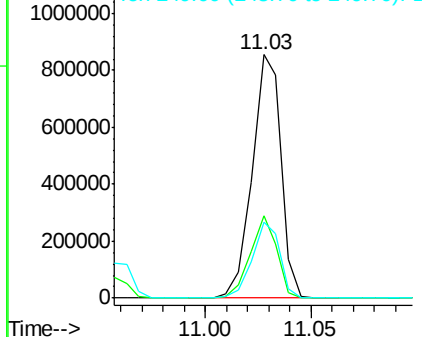


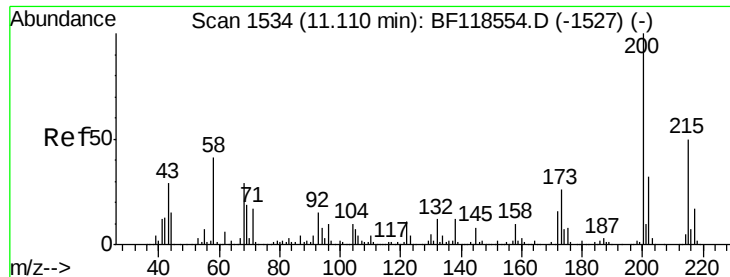
#68
Hexachlorobenzene
Concen: 37.860 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:284 Resp: 809822
Ion Ratio Lower Upper
284 100
142 33.8 25.6 38.4
249 31.3 25.6 38.4



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

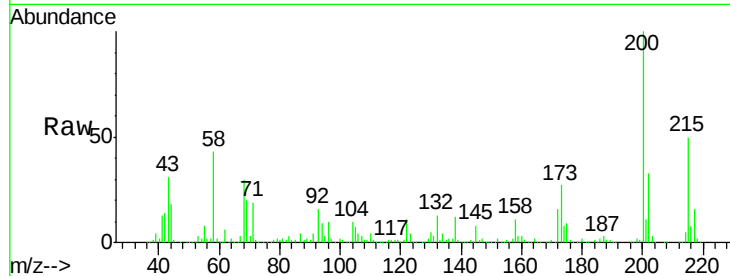




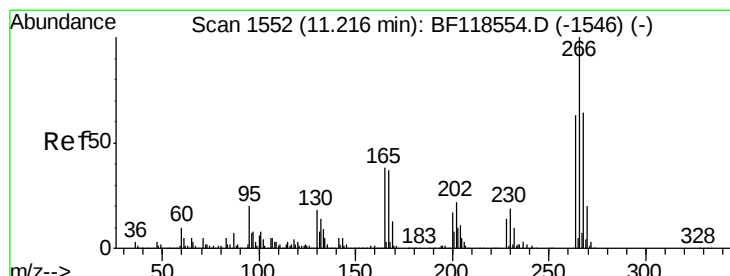
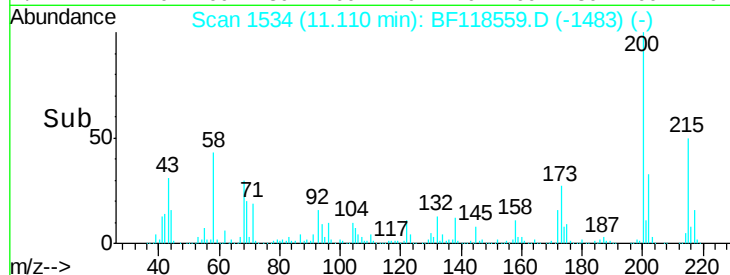
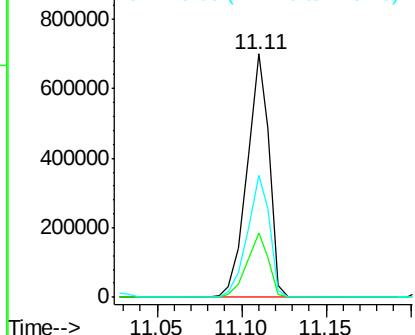
#69
Atrazine
Concen: 47.968 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:200 Resp: 641361
Ion Ratio Lower Upper
200 100
173 26.6 5.8 45.8
215 50.2 29.8 69.8

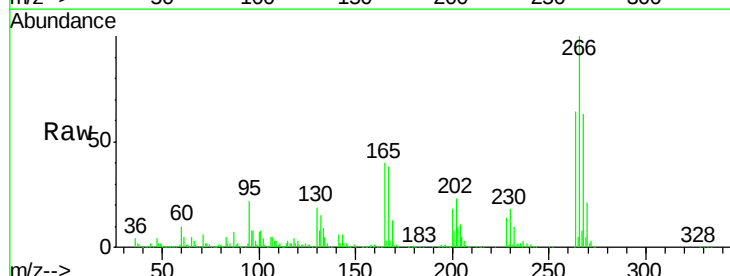


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

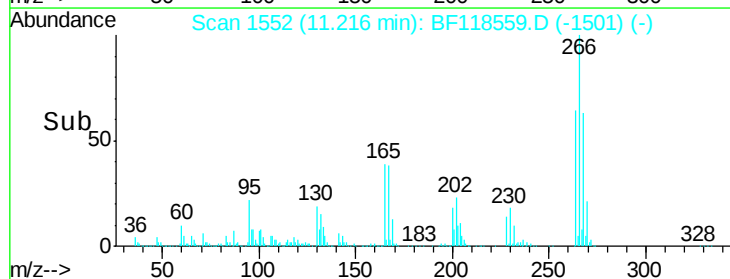
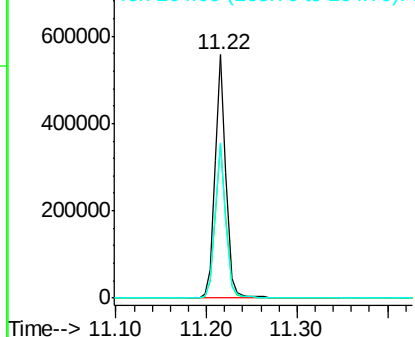


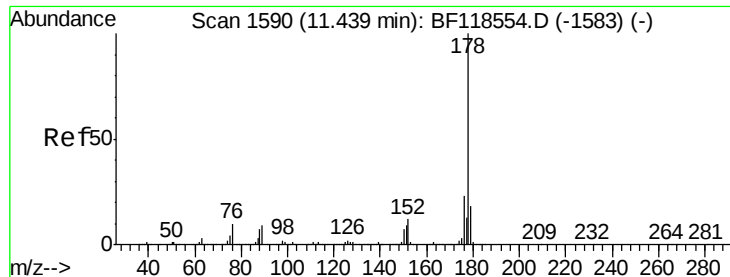
#70
Pentachlorophenol
Concen: 44.821 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:266 Resp: 471171
Ion Ratio Lower Upper
266 100
268 63.5 51.0 76.4
264 63.6 50.5 75.7



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: 41.793 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

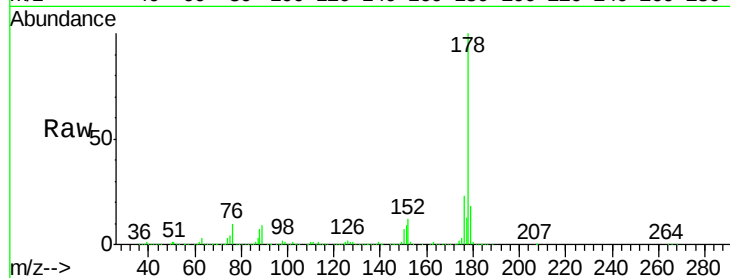
BNA_F

ClientSampleId :

ICVBF011720

Tot Ion:178 Resp: 3029177

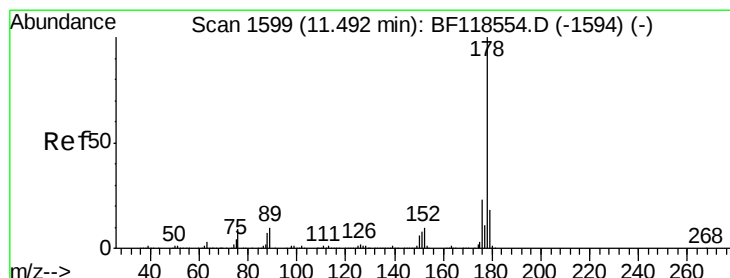
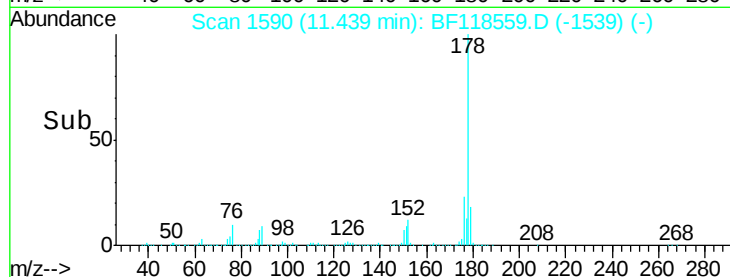
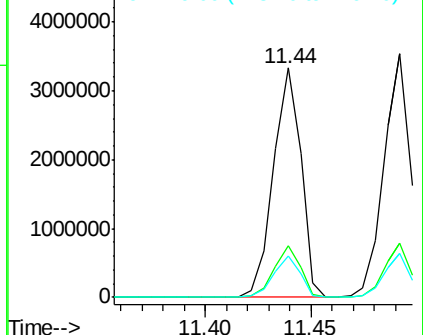
Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.6	28.0
179	18.0	14.6	22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.681 ng

RT: 11.49 min Scan# 1599

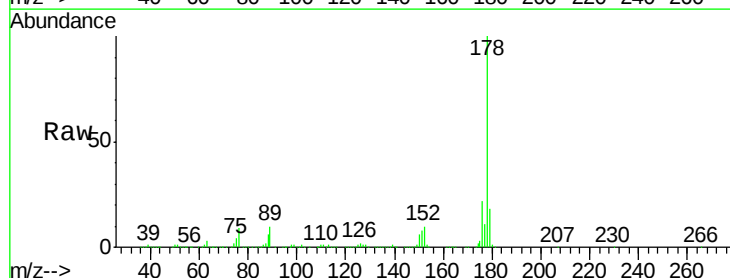
Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Tgt Ion:178 Resp: 3086482

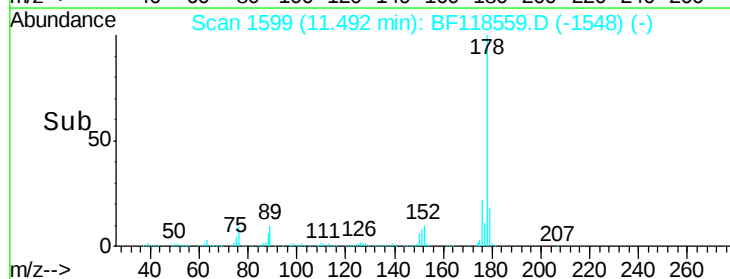
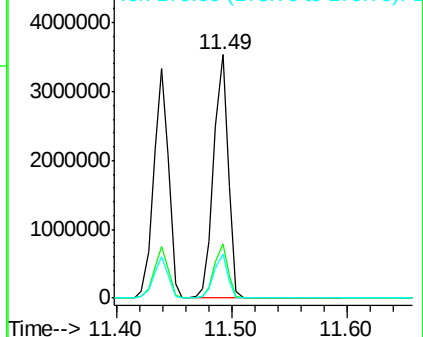
Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.1	27.1
179	18.3	14.7	22.1

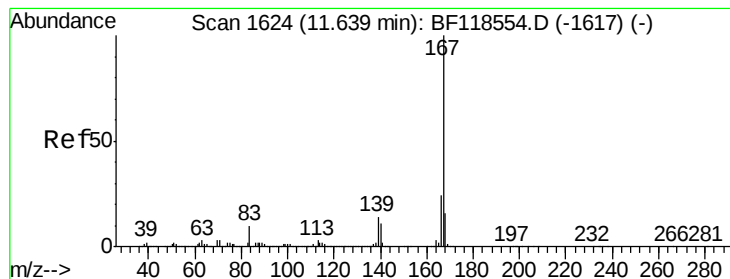


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.773 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

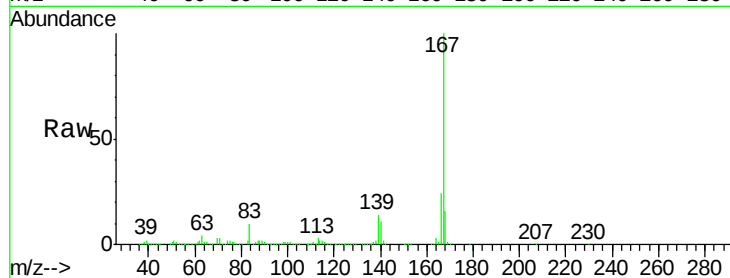
Tot Ion:167 Resp: 2724422

Ion Ratio Lower Upper

167 100

166 23.8 19.5 29.3

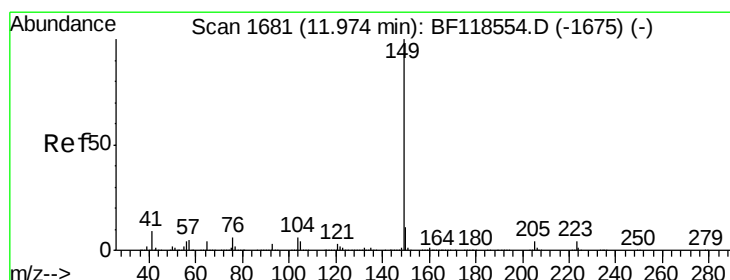
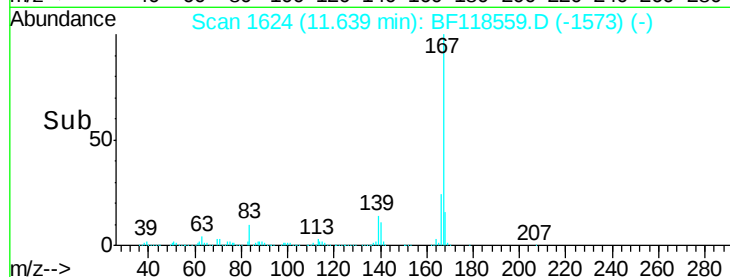
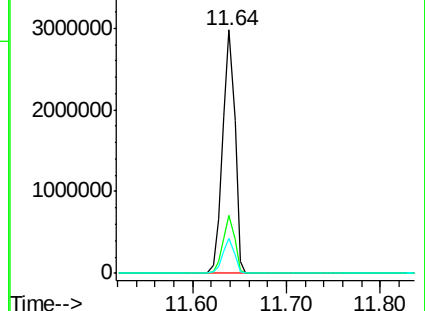
139 14.4 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.322 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

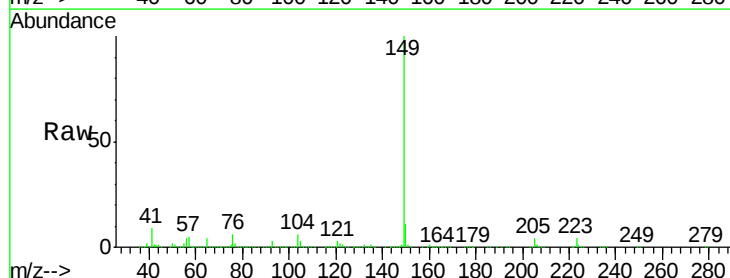
Tgt Ion:149 Resp: 3187023

Ion Ratio Lower Upper

149 100

150 11.1 9.0 13.6

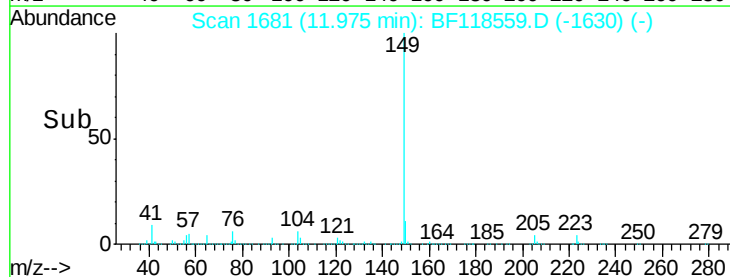
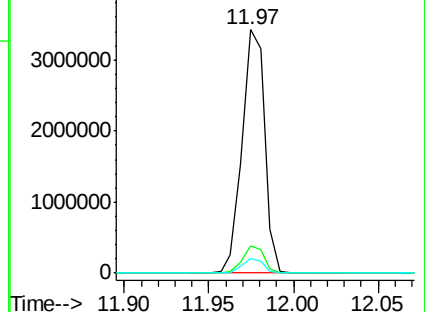
104 6.2 5.0 7.4

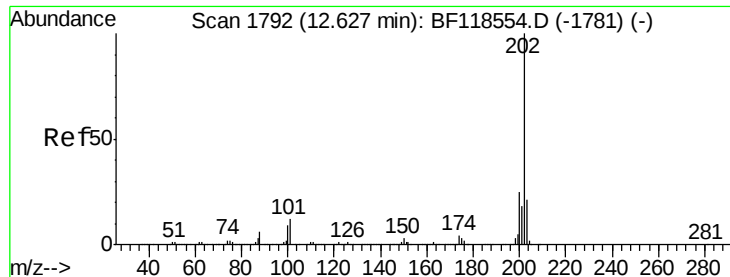


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.276 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

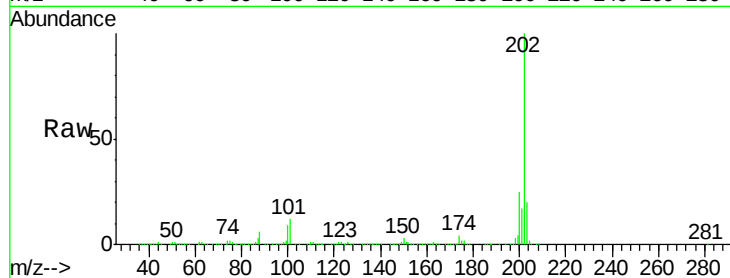
Tot Ion:202 Resp: 3139361

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

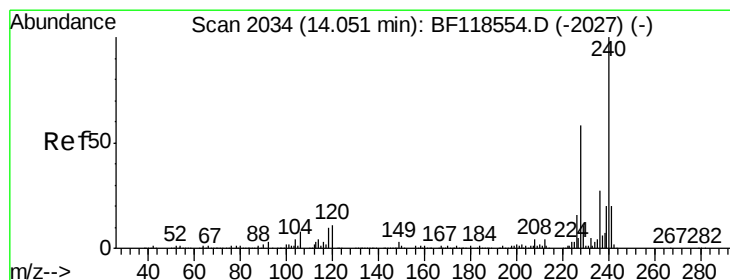
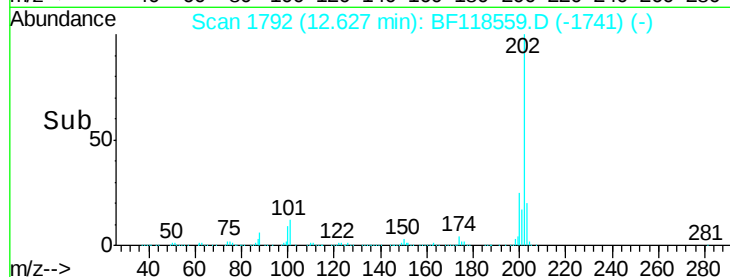
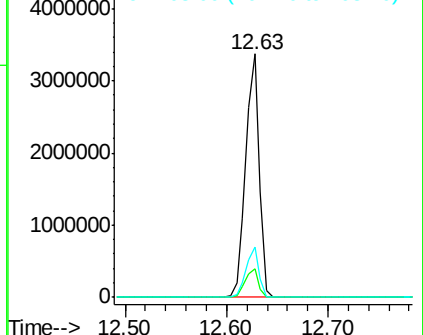
203 20.5 0.9 40.9



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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

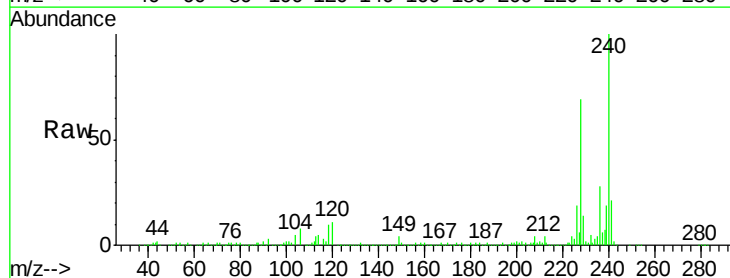
Tgt Ion:240 Resp: 1056533

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

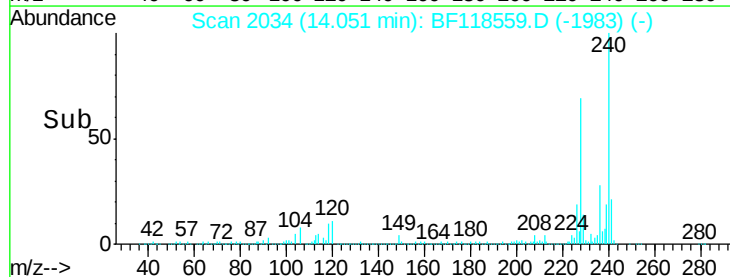
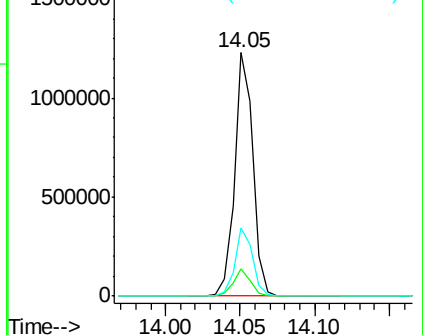
236 27.8 21.8 32.8

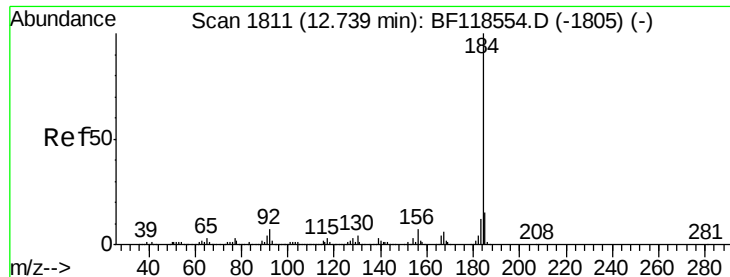


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.770 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

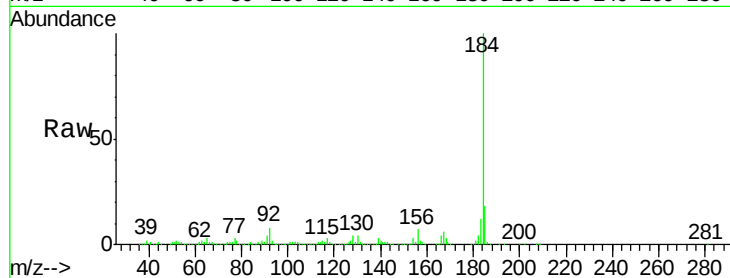
Tot Ion:184 Resp: 1405946

Ion Ratio Lower Upper

184 100

185 17.6 12.3 18.5

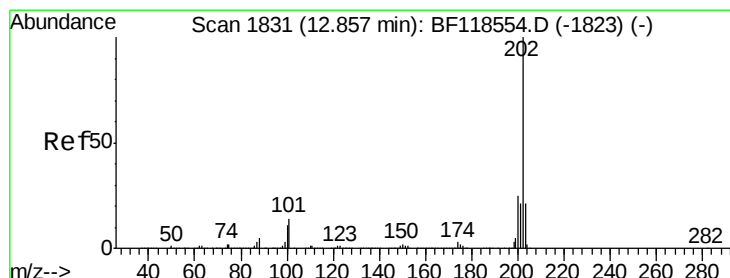
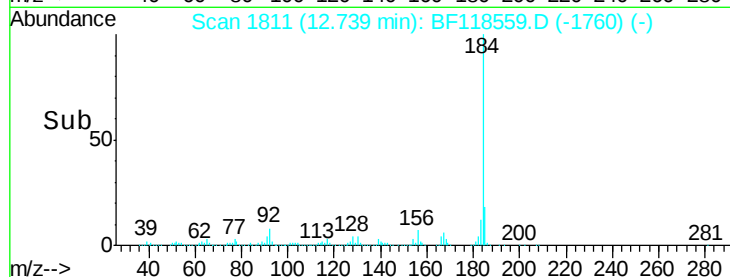
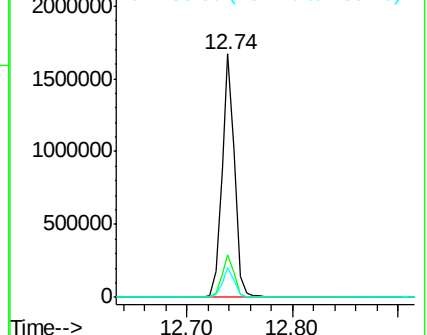
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.593 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

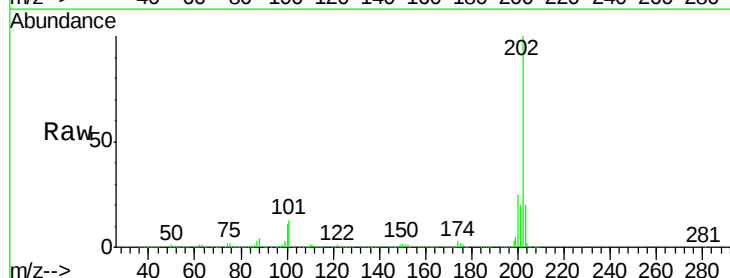
Tgt Ion:202 Resp: 3200943

Ion Ratio Lower Upper

202 100

200 25.0 20.2 30.4

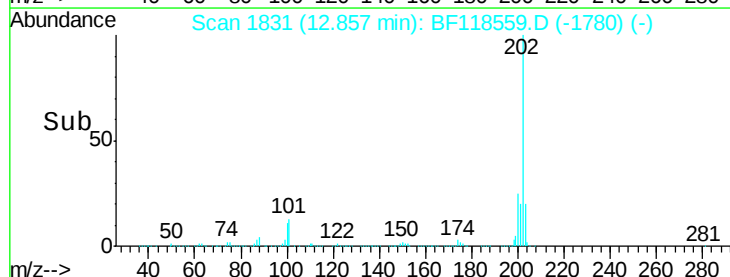
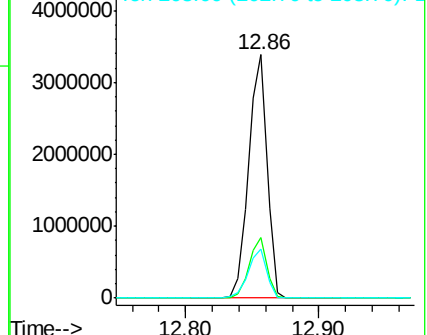
203 20.3 16.6 25.0

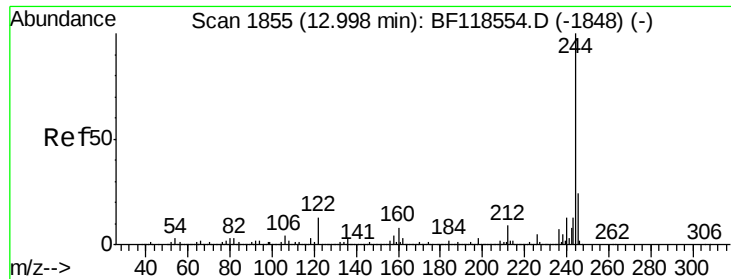


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.744 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

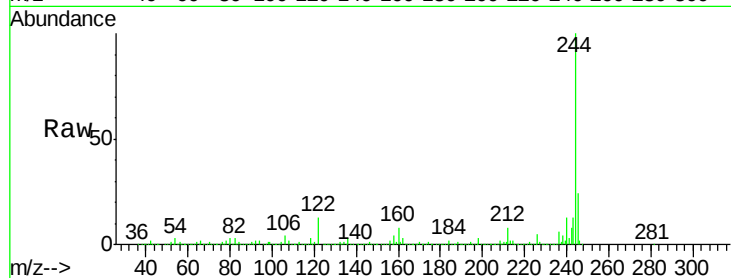
Tot Ion:244 Resp: 4373094

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

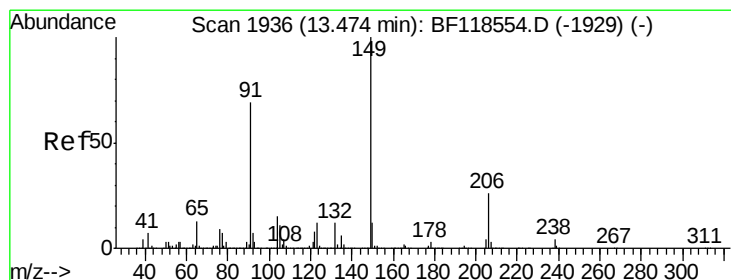
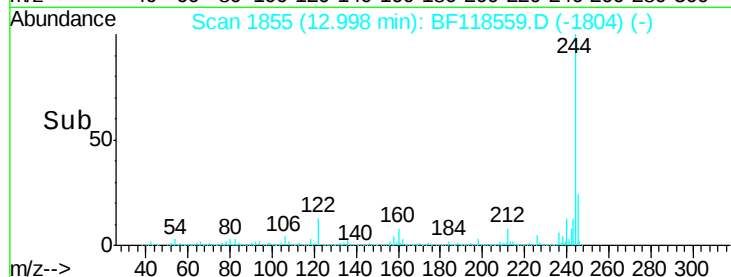
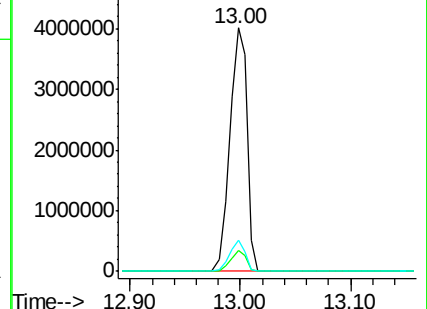
122 12.9 10.4 15.6



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: 39.592 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

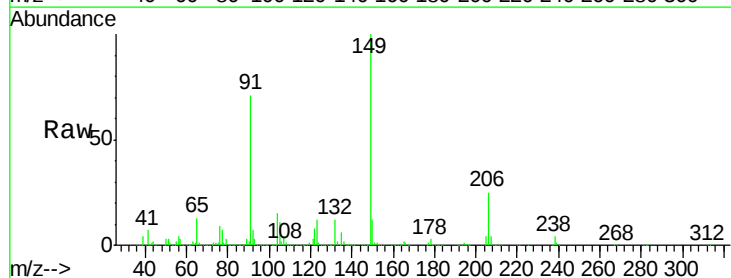
Tgt Ion:149 Resp: 1338307

Ion Ratio Lower Upper

149 100

91 70.7 55.5 83.3

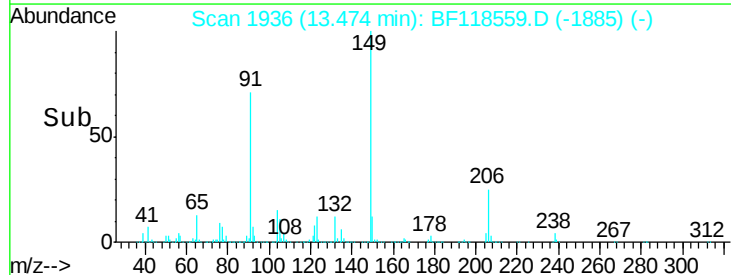
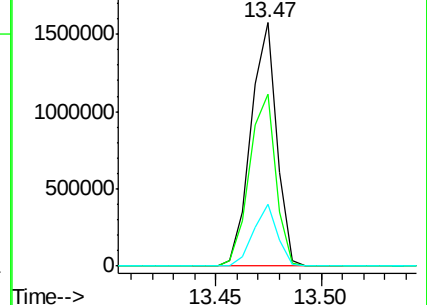
206 25.2 20.7 31.1

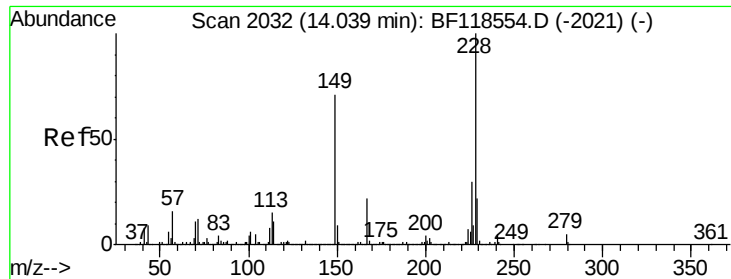


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

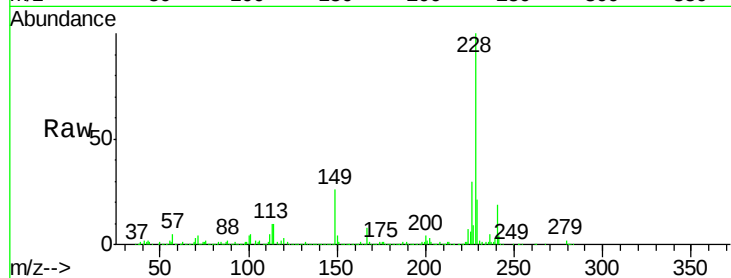




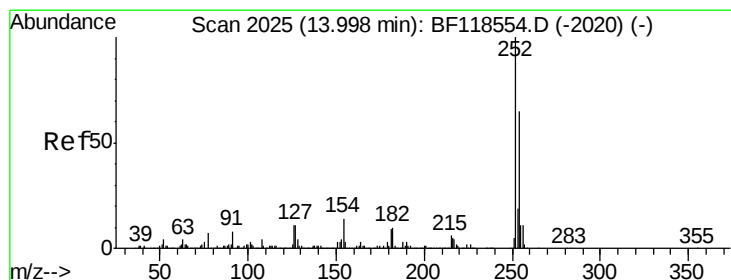
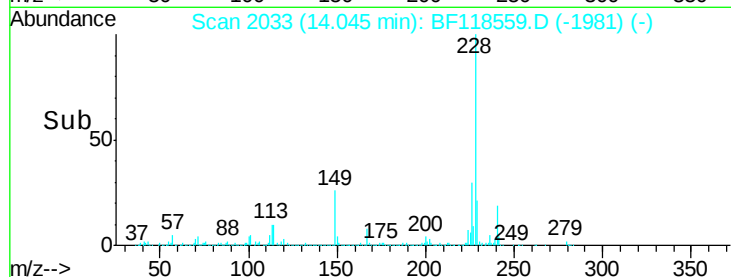
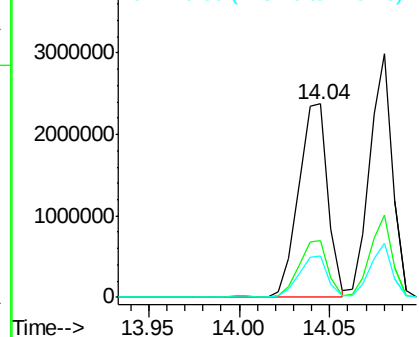
#81
Benzo(a)anthracene
Concen: 40.500 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Instrument :
BNA_F
ClientSampleId :
ICVBF011720

Tot Ion:228 Resp: 2700898
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.2 17.3 25.9

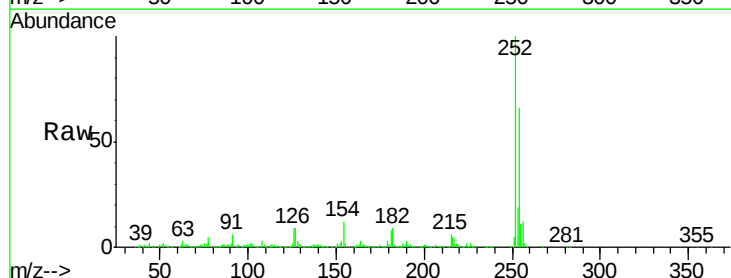


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

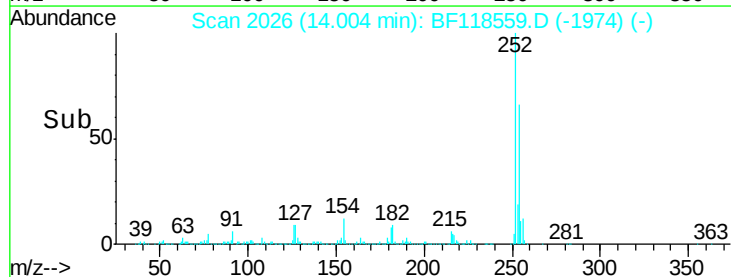
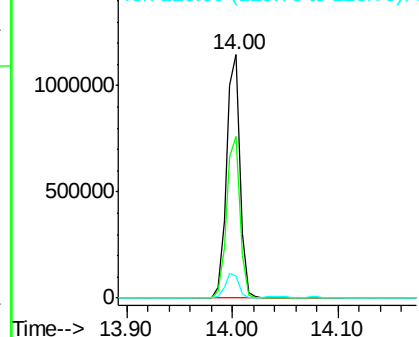


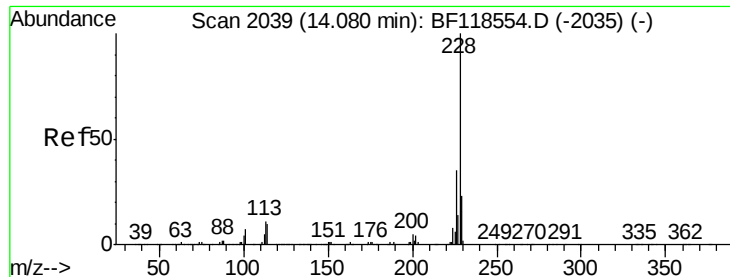
#82
3,3'-Dichlorobenzidine
Concen: 44.113 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:252 Resp: 1032129
Ion Ratio Lower Upper
252 100
254 66.3 52.0 78.0
126 9.0 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.780 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

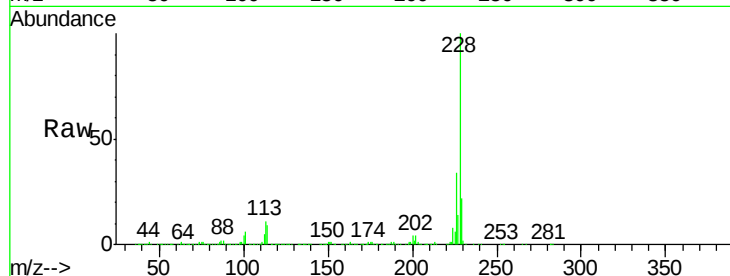
Tot Ion:228 Resp: 2615923

Ion Ratio Lower Upper

228 100

226 34.0 28.2 42.2

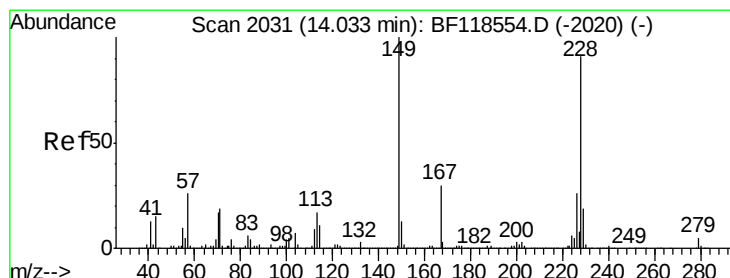
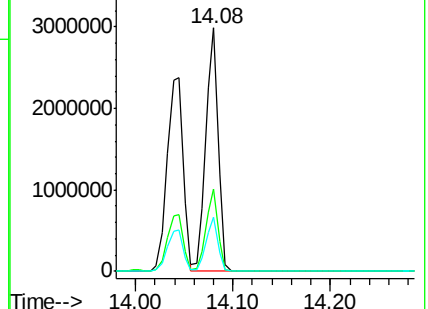
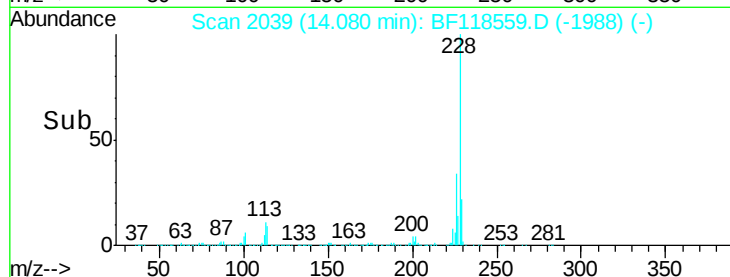
229 22.1 18.2 27.2



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: 41.277 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

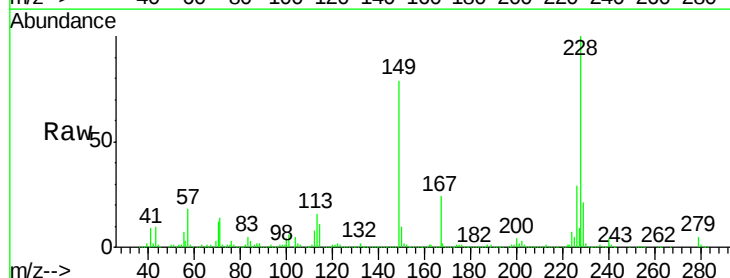
Tgt Ion:149 Resp: 1731785

Ion Ratio Lower Upper

149 100

167 30.2 23.9 35.9

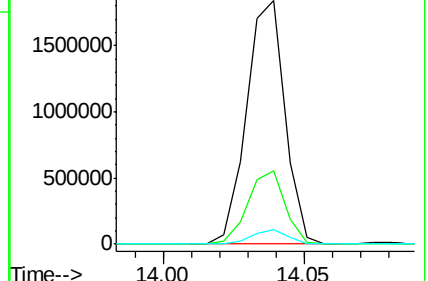
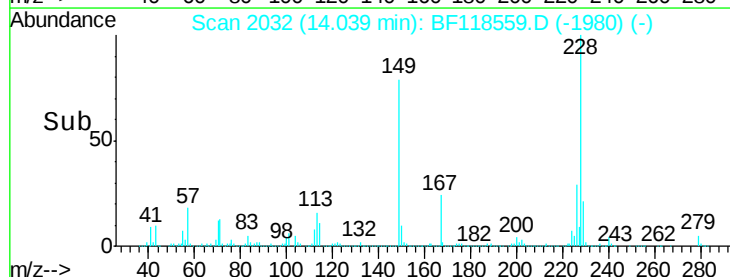
279 6.0 4.2 6.2

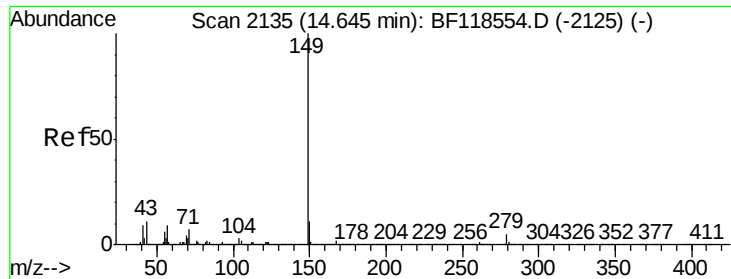


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.213 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

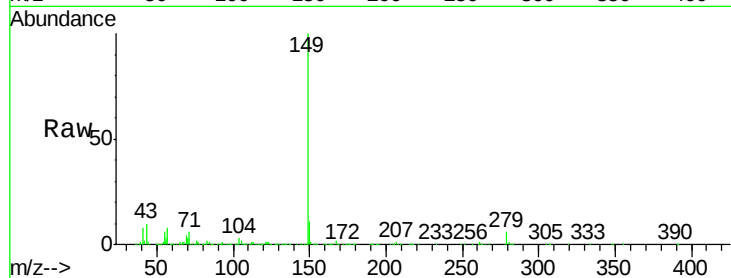
Tot Ion:149 Resp: 2712120

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

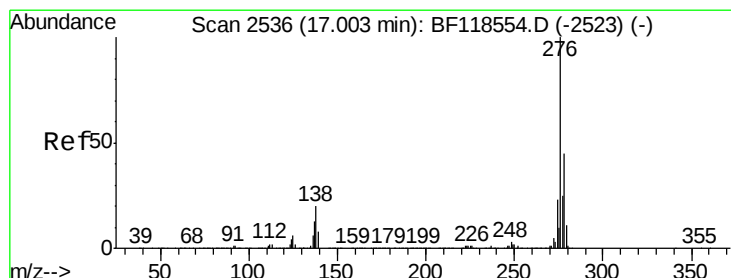
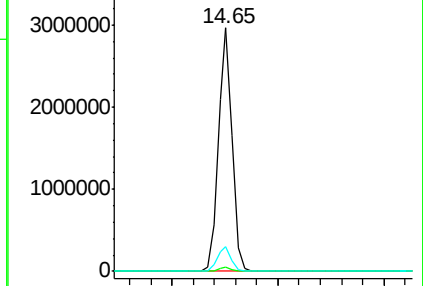
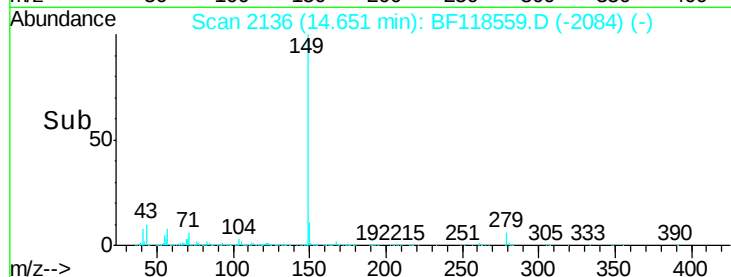
43 10.2 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.939 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

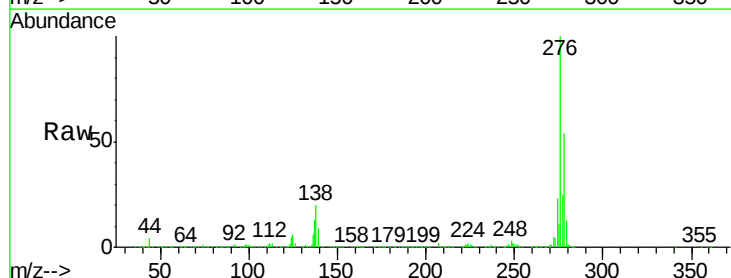
Tgt Ion:276 Resp: 2268657

Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

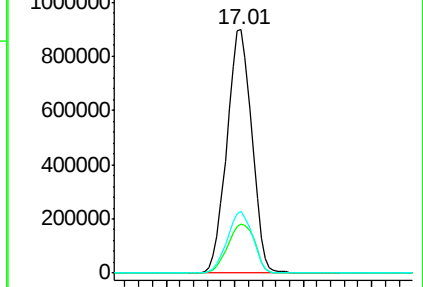
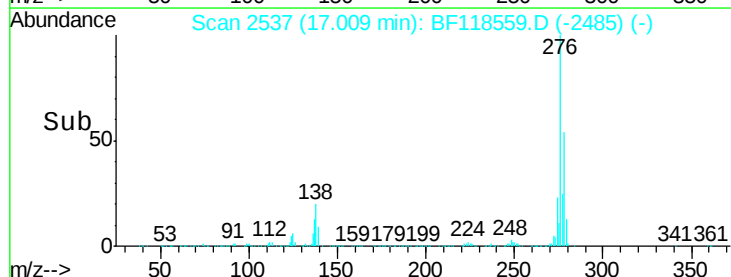
277 25.8 20.5 30.7

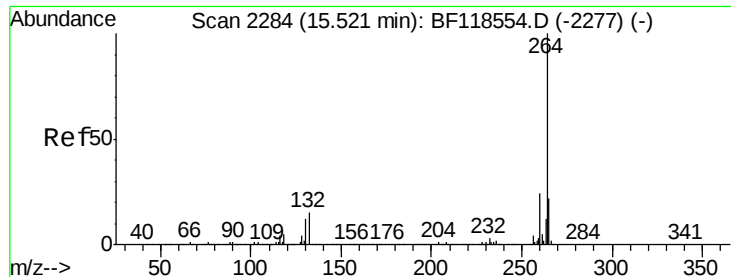


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

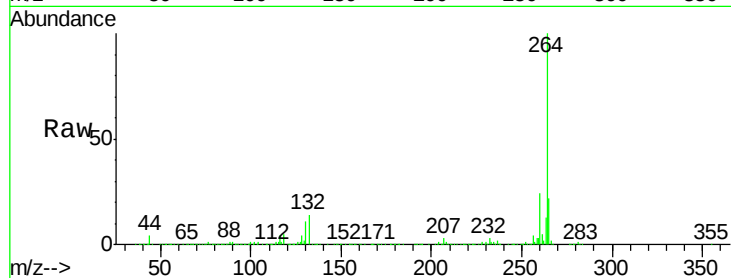
Tot Ion:264 Resp: 908031

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

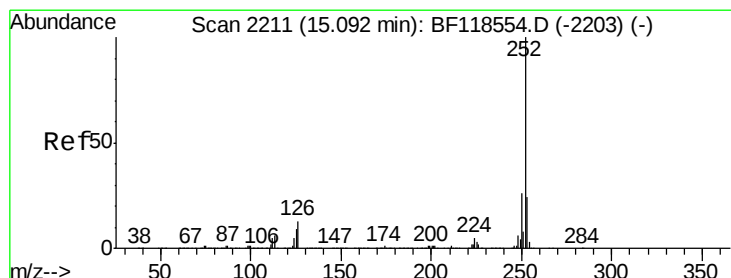
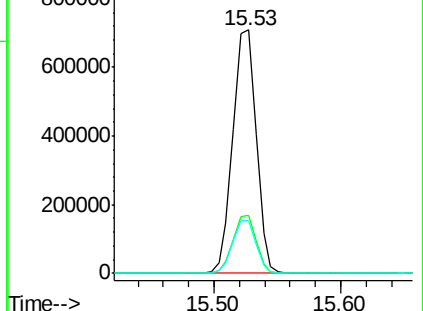
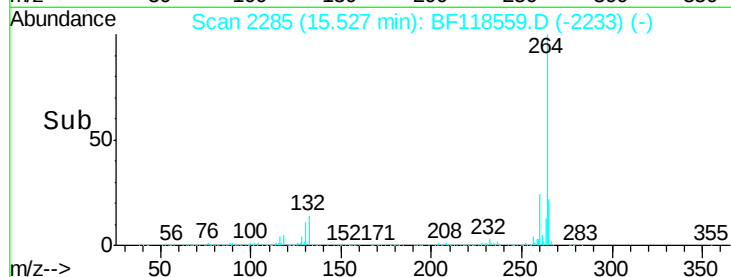
265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.590 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

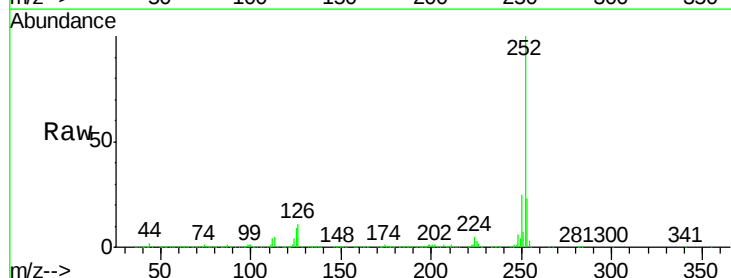
Tgt Ion:252 Resp: 2400494

Ion Ratio Lower Upper

252 100

253 23.2 19.1 28.7

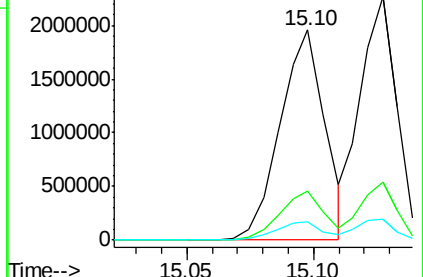
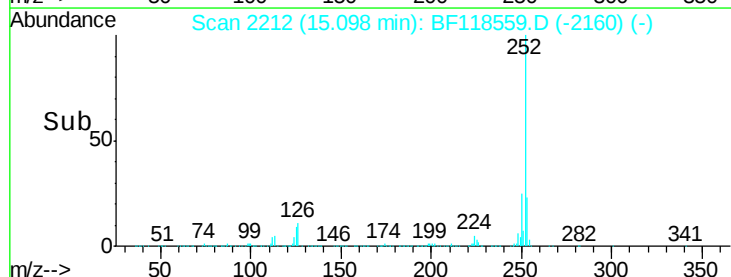
125 8.6 7.5 11.3

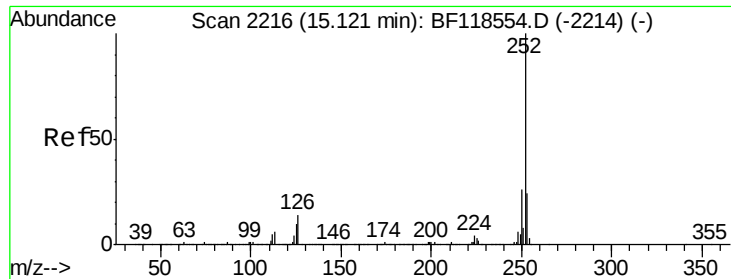


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

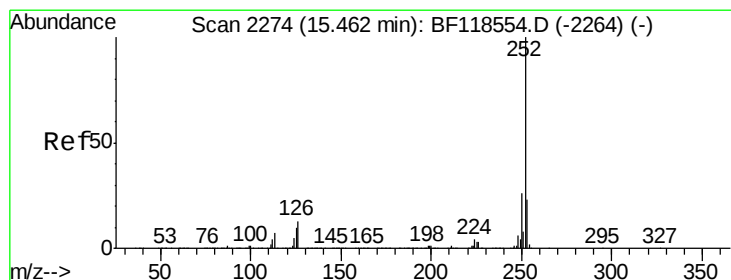
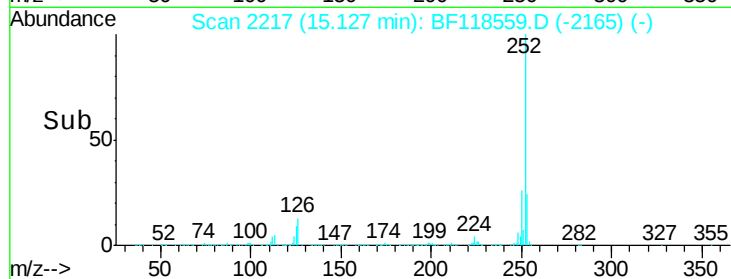
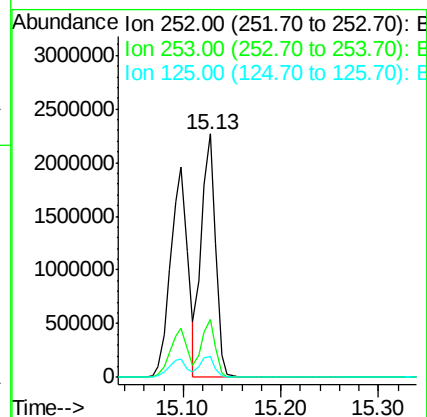
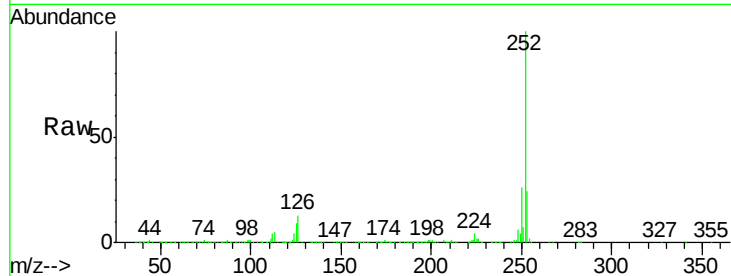




#89
Benzo(k)fluoranthene
Concen: 42.822 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

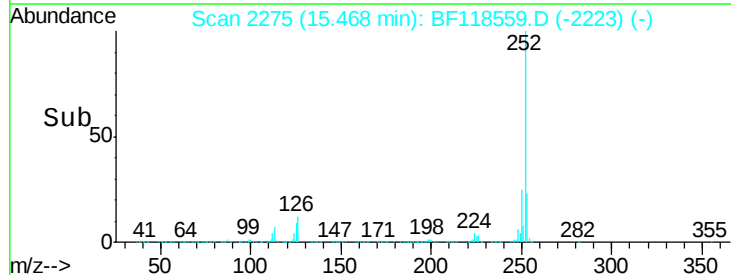
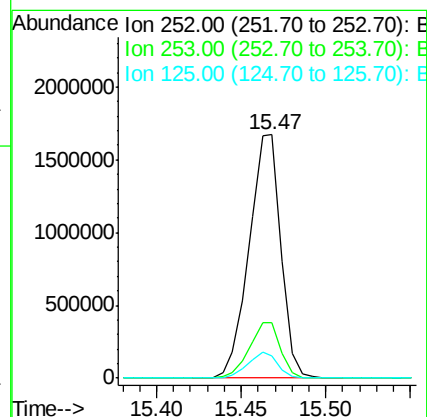
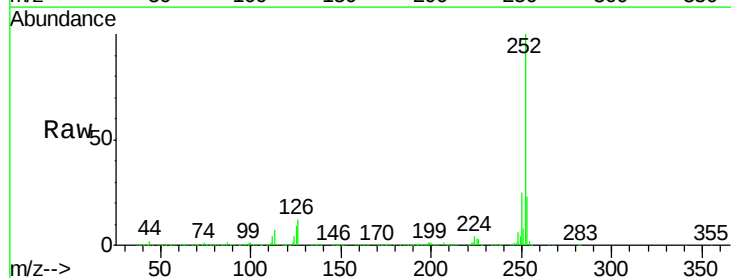
Instrument :
BNA_F
ClientSampleId :
ICVBF011720

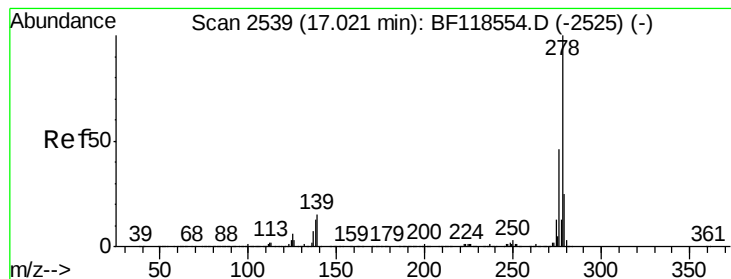
Tot Ion:252 Resp: 2288806
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 8.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 42.632 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118559.D
Acq: 17 Jan 2020 15:34

Tgt Ion:252 Resp: 2193822
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.2 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 39.800 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

Instrument :

BNA_F

ClientSampleId :

ICVBF011720

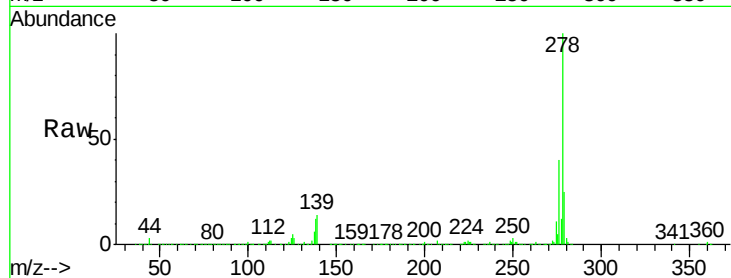
Tot Ion:278 Resp: 1912928

Ion Ratio Lower Upper

278 100

139 13.9 11.7 17.5

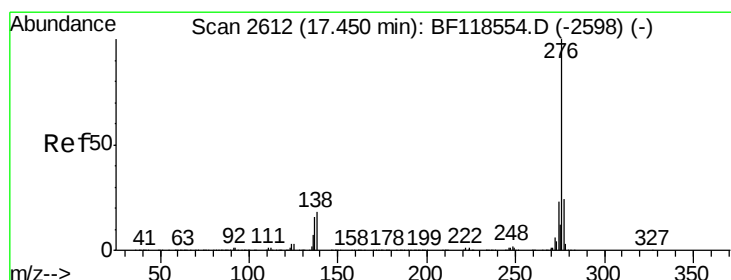
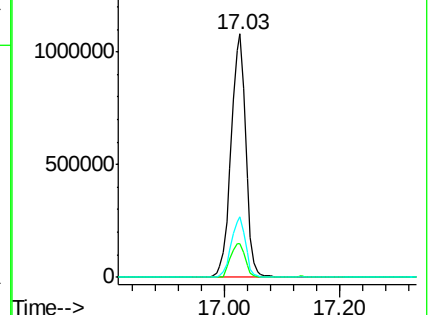
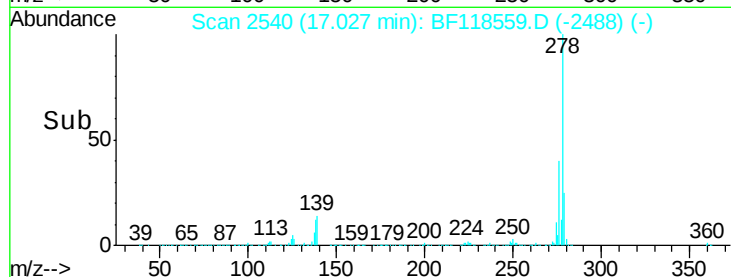
279 24.6 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.126 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BF118559.D

Acq: 17 Jan 2020 15:34

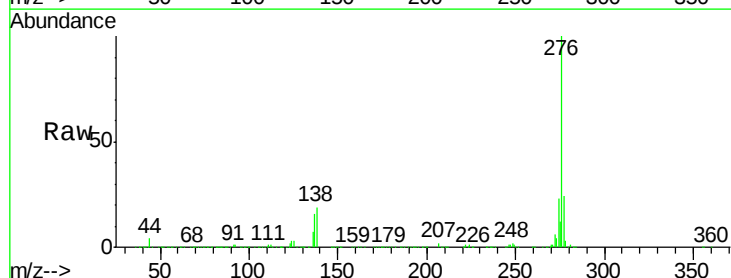
Tgt Ion:276 Resp: 1862863

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.3 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

