

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118586.D
 Acq On : 20 Jan 2020 12:32
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 13:02:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	463855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1693488	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	962036	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1760561	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1294854	20.00	ng	0.00
87) Perylene-d12	15.52	264	1067686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2892079	115.20	ng	0.00
7) Phenol-d6	6.52	99	3800649	115.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	3577772	130.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1347121	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	5611632	105.30	ng	0.00
79) Terphenyl-d14	13.00	244	6530004	99.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	706858	58.600	ng	99
3) Pyridine	3.43	79	2010623	60.354	ng	100
4) n-Nitrosodimethylamine	3.37	42	869025	56.874	ng	99
6) Aniline	6.55	93	2547536	59.169	ng	100
8) 2-Chlorophenol	6.67	128	1660822	58.170	ng	97
9) Benzaldehyde	6.43	77	1041414	61.846	ng	96
10) Phenol	6.53	94	2162978	59.933	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1608982	55.663	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1890969	55.695	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1907975	55.938	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1804245	56.537	ng	98
15) Benzyl Alcohol	7.03	79	1545297	57.243	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2231049	52.615	ng	99
17) 2-Methylphenol	7.13	107	1391815	57.431	ng	99
18) Hexachloroethane	7.40	117	703888	56.629	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	1302461	55.215	ng	100
20) 3+4-Methylphenols	7.29	107	1657445	57.191	ng	98
22) Acetophenone	7.30	105	2298643	55.934	ng	98
24) Nitrobenzene	7.47	77	1820901	62.446	ng	97
25) Isophorone	7.71	82	3266567	54.891	ng	99
26) 2-Nitrophenol	7.78	139	832143	72.228	ng	96
27) 2,4-Dimethylphenol	7.82	122	1361370	57.521	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	2090472	54.673	ng	98
29) 2,4-Dichlorophenol	8.02	162	1509508	57.944	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1712878	56.419	ng	99
31) Naphthalene	8.19	128	4344303	54.396	ng	95
32) Benzoic acid	7.96	122	1139111	78.339	ng	97
33) 4-Chloroaniline	8.23	127	2054564	55.367	ng	97
34) Hexachlorobutadiene	8.32	225	1045284	55.199	ng	99
35) Caprolactam	8.62	113	409808	50.566	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	1486175	57.548	ng	99
37) 2-Methylnaphthalene	8.88	142	3129499	55.310	ng	99
38) 1-Methylnaphthalene	8.98	142	2983022	55.728	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1736866	55.974	ng	100

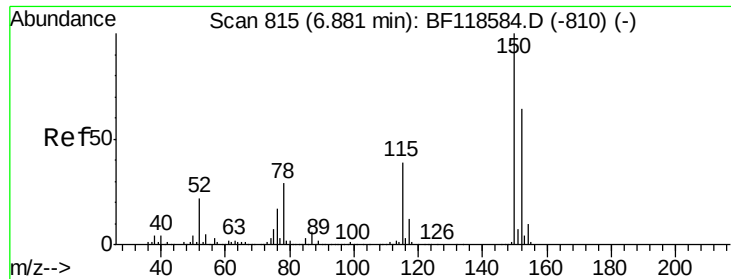
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	921075	56.813	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	1212077	61.308	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	1214354	60.754	nq	96
46) 1,1'-Biphenyl	9.35	154	3743424	54.457	nq	97
47) 2-Chloronaphthalene	9.37	162	3206382	55.340	nq	99
48) 2-Nitroaniline	9.46	65	1045559	69.383	nq	95
49) Acenaphthylene	9.79	152	4489479	54.879	nq	97
50) Dimethylphthalate	9.65	163	3611294	54.672	nq	98
51) 2,6-Dinitrotoluene	9.70	165	870358	69.060	nq	95
52) Acenaphthene	9.96	154	3070456	57.294	nq	98
53) 3-Nitroaniline	9.87	138	985139	69.002	nq	98
54) 2,4-Dinitrophenol	9.97	184	373571	88.146	nq	# 46
55) Dibenzofuran	10.13	168	4148214	54.697	nq	96
56) 4-Nitrophenol	10.03	139	753342	71.431	nq	90
57) 2,4-Dinitrotoluene	10.11	165	1106010	72.218	nq	98
58) Fluorene	10.47	166	3257015	55.458	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1102838	64.494	nq	99
60) Diethylphthalate	10.35	149	3547315	55.009	nq	96
61) 4-Chlorophenyl-phenylether	10.47	204	1775138	55.250	nq	97
62) 4-Nitroaniline	10.49	138	1008000	71.087	nq	98
63) Azobenzene	10.63	77	3396545	54.042	nq	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	511626	81.192	nq	80
66) n-Nitrosodiphenylamine	10.59	169	3052923	53.967	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	1295230	54.959	nq	97
68) Hexachlorobenzene	11.03	284	1458540	55.848	nq	94
69) Atrazine	11.11	200	1104245	67.642	nq	99
70) Pentachlorophenol	11.21	266	864441	67.350	nq	97
71) Phenanthrene	11.44	178	4747625	53.649	nq	97
72) Anthracene	11.49	178	4684195	53.054	nq	97
73) Carbazole	11.64	167	4359184	54.744	nq	96
74) Di-n-butylphthalate	11.97	149	4823273	48.742	nq	97
75) Fluoranthene	12.62	202	4977223	52.300	nq	96
77) Benzidine	12.74	184	2109109	67.041	nq	97
78) Pyrene	12.85	202	5046562	52.219	nq	96
80) Butylbenzylphthalate	13.47	149	2202202	53.159	nq	97
81) Benzo(a)anthracene	14.04	228	4435116	54.264	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	1663173	58.000	nq	99
83) Chrysene	14.08	228	4225129	53.744	nq	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	2565958	49.903	nq	97
85) Di-n-octyl phthalate	14.64	149	3893242	49.444	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3830931	49.519	nq	100
88) Benzo(b)fluoranthene	15.09	252	3979668	57.230	nq	98
89) Benzo(k)fluoranthene	15.12	252	3648346	58.052	nq	97
90) Benzo(a)pyrene	15.46	252	3460761	57.195	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	3124505	55.288	nq	98
92) Benzo(g,h,i)perylene	17.45	276	3048521	55.845	nq	97

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

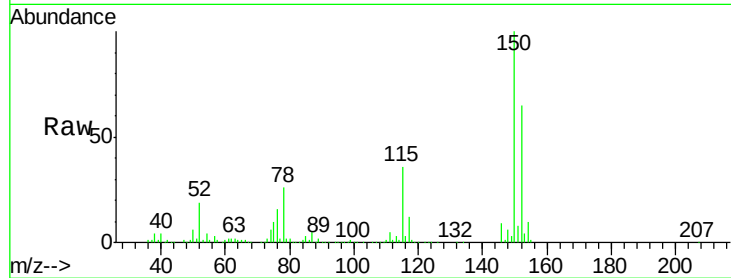


#1

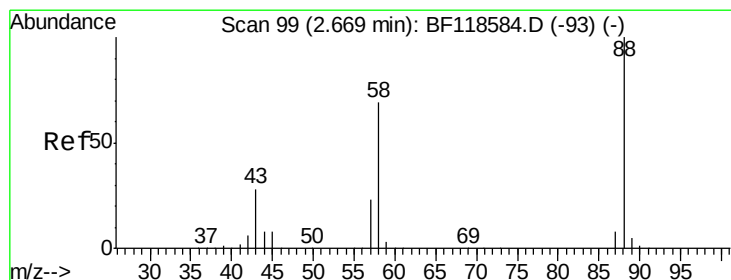
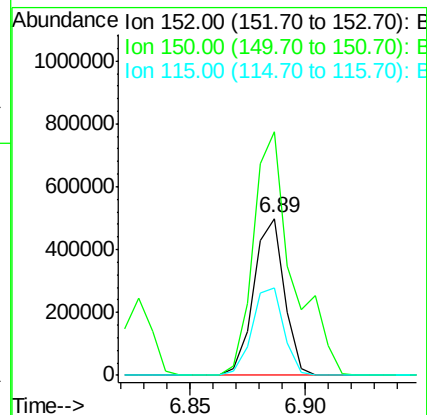
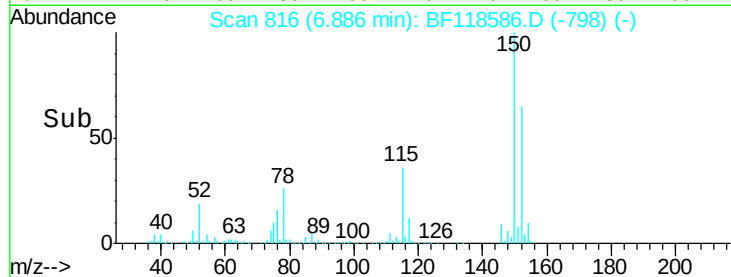
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 463855
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 56.0 48.4 72.6



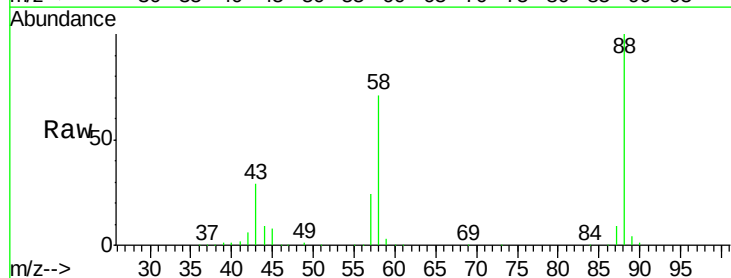
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



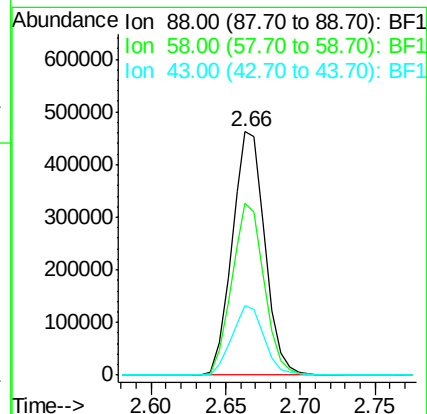
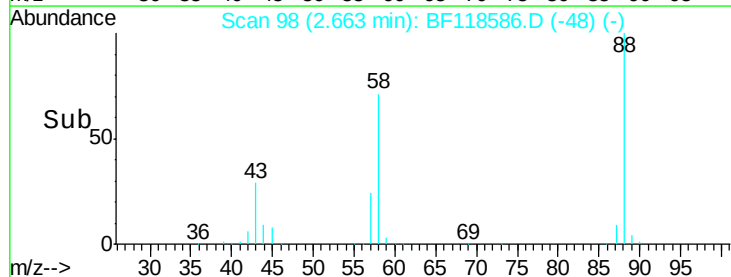
#2

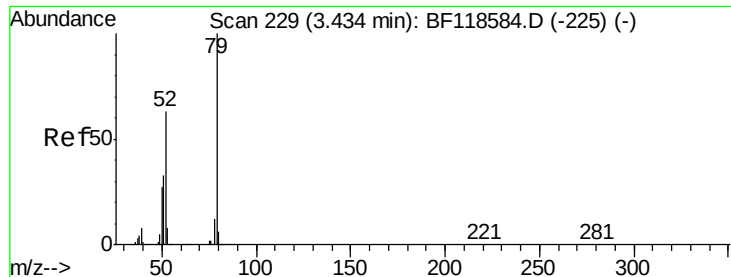
1,4-Dioxane
Concen: 58.600 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion: 88 Resp: 706858
Ion Ratio Lower Upper
88 100
58 69.8 56.1 84.1
43 28.4 23.0 34.6



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





#3

Pvridine

Concen: 60.354 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

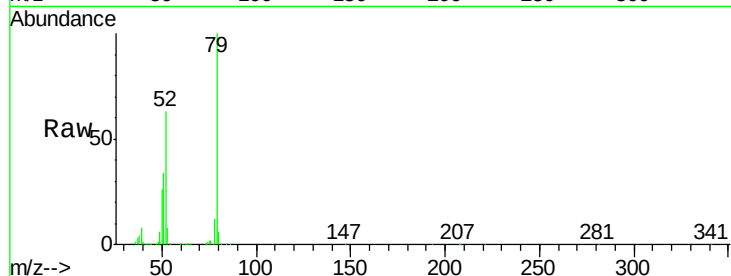
Tot Ion: 79 Resp: 2010623

Ion Ratio Lower Upper

79 100

52 63.3 50.7 76.1

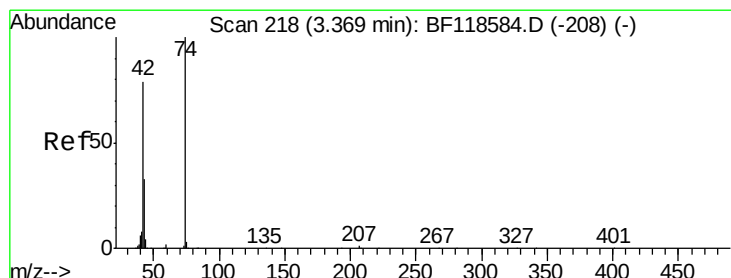
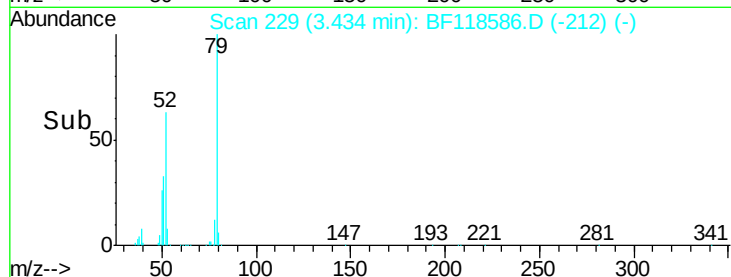
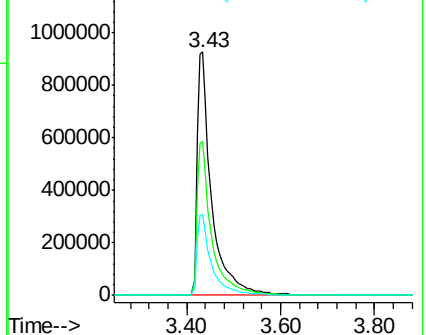
51 33.5 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.874 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

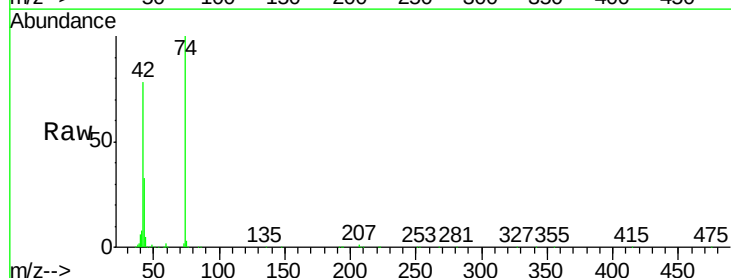
Tgt Ion: 42 Resp: 869025

Ion Ratio Lower Upper

42 100

74 128.8 101.6 152.4

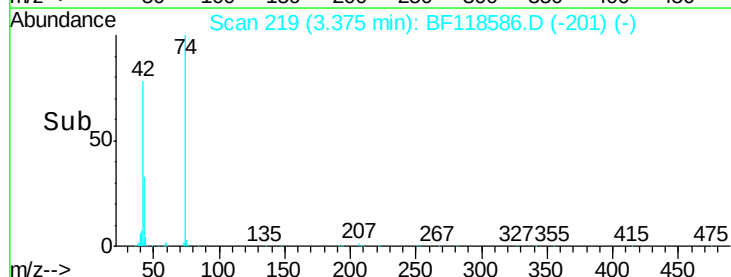
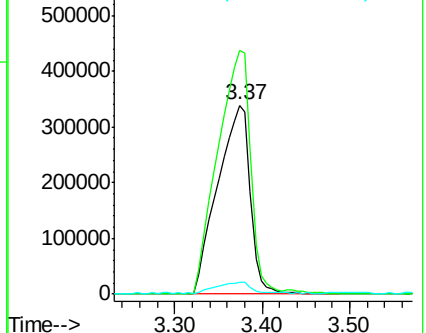
44 6.3 4.9 7.3

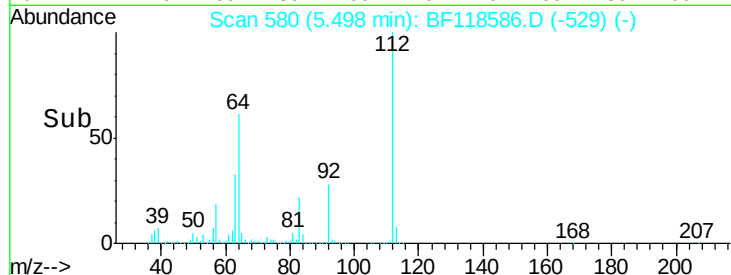
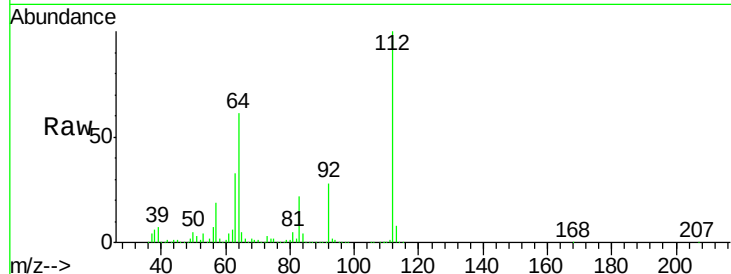
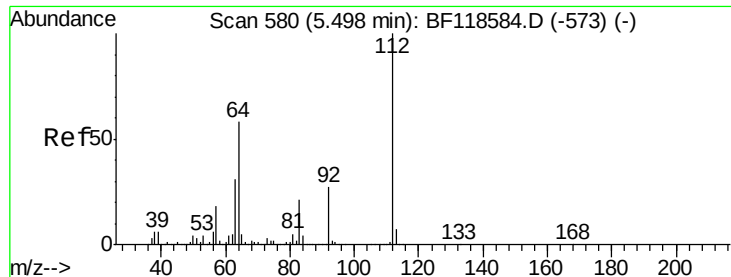


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

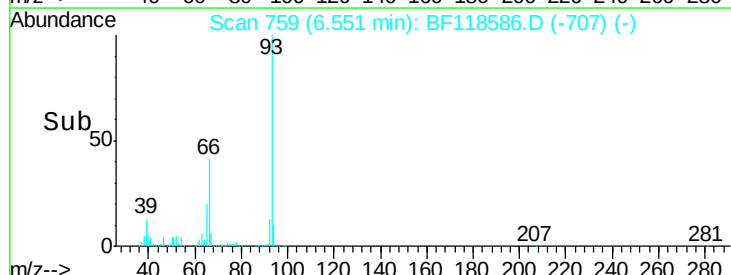
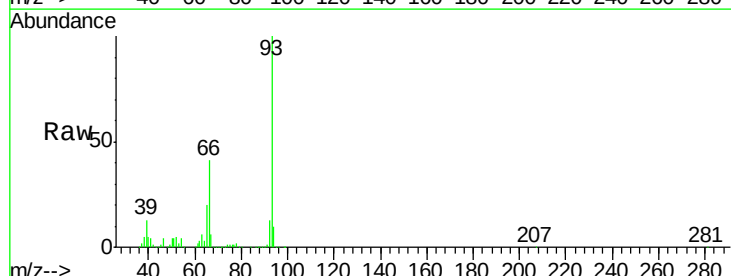
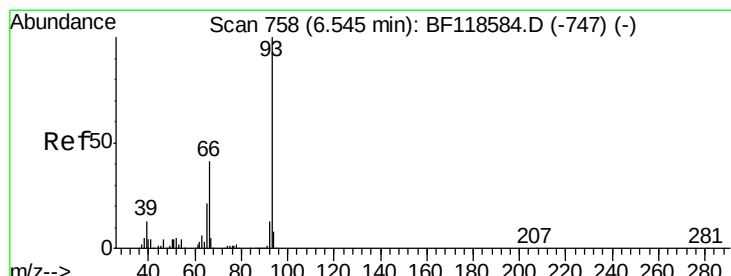
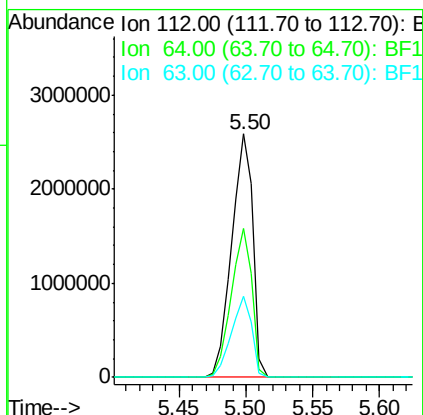




#5
2-Fluorophenol
Concen: 115.203 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

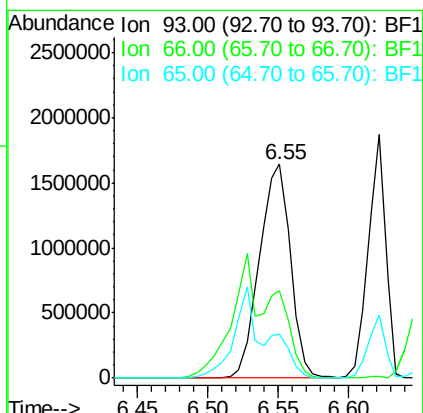
Instrument :
BNA_F
ClientSampleId :

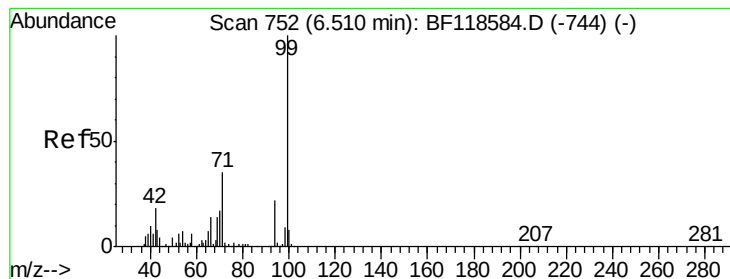
Tot Ion:112 Resp: 2892079
Ion Ratio Lower Upper
112 100
64 61.4 46.6 70.0
63 33.2 25.1 37.7



#6
Aniline
Concen: 59.169 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion: 93 Resp: 2547536
Ion Ratio Lower Upper
93 100
66 40.7 32.8 49.2
65 20.5 16.5 24.7





#7

Phenol-d6

Concen: 115.542 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

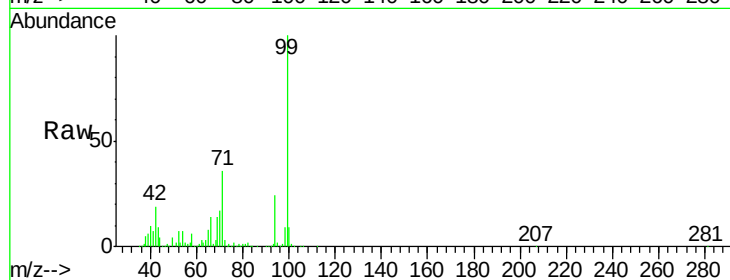
Tot Ion: 99 Resp: 3800649

Ion Ratio Lower Upper

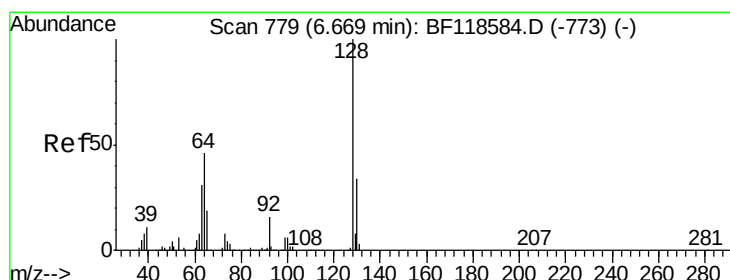
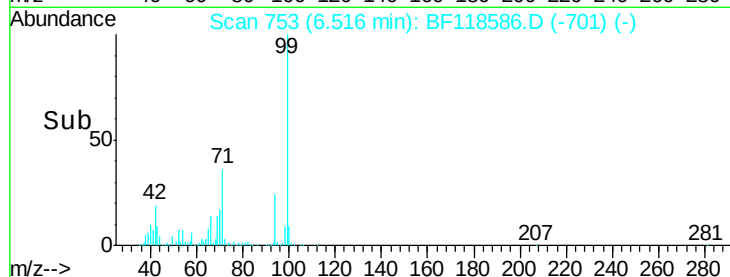
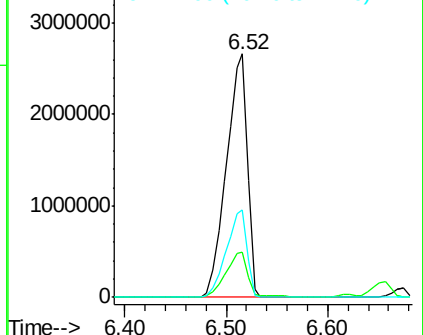
99 100

42 18.7 14.2 21.2

71 35.9 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 58.170 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

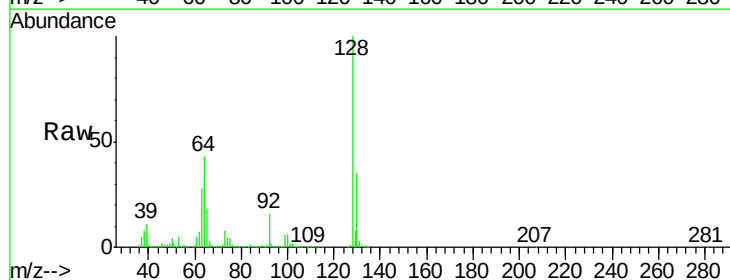
Tgt Ion:128 Resp: 1660822

Ion Ratio Lower Upper

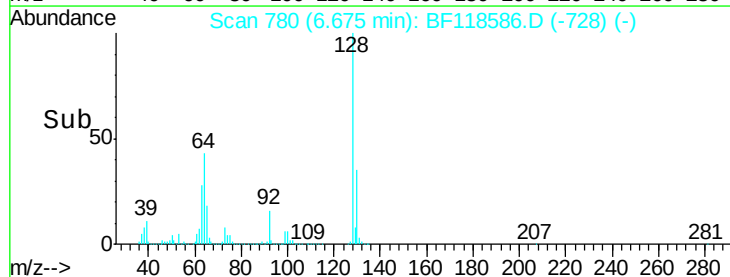
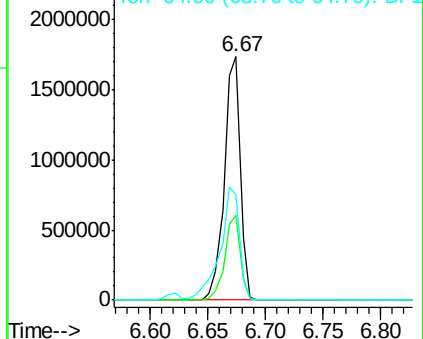
128 100

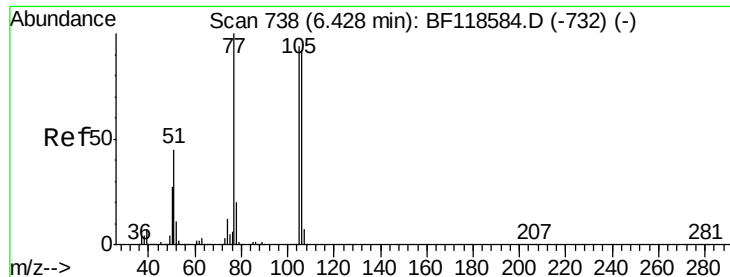
130 34.6 13.6 53.6

64 43.4 26.4 66.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 61.846 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

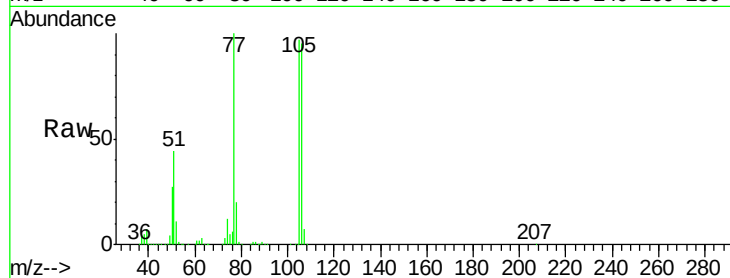
Tot Ion: 77 Resp: 1041414

Ion Ratio Lower Upper

77 100

105 97.3 73.5 113.5

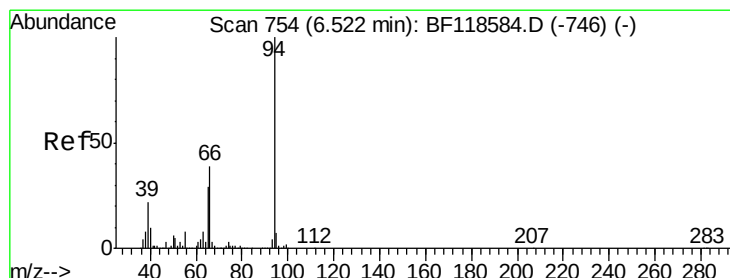
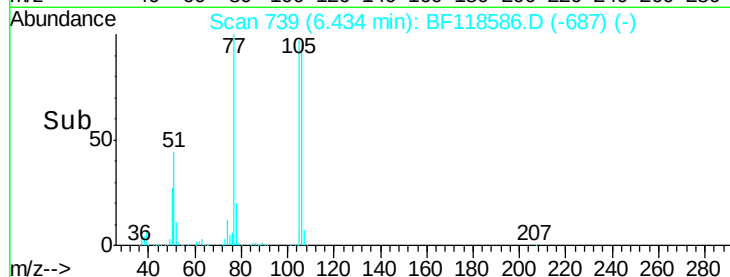
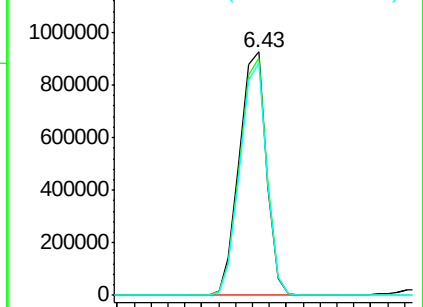
106 95.4 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 59.933 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

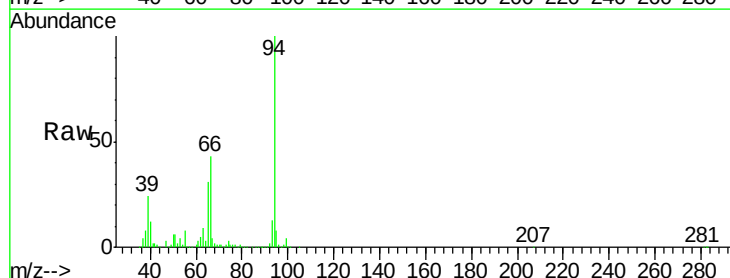
Tgt Ion: 94 Resp: 2162978

Ion Ratio Lower Upper

94 100

65 31.2 9.5 49.5

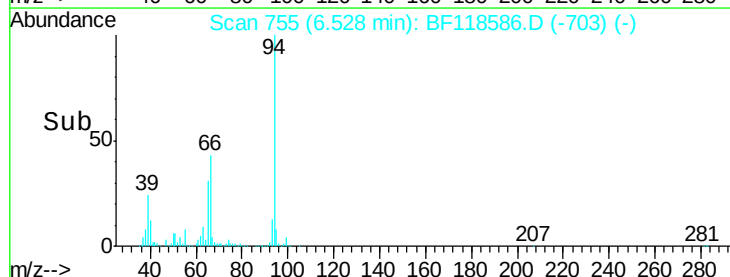
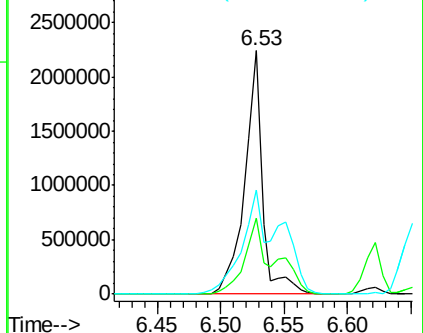
66 42.7 18.5 58.5

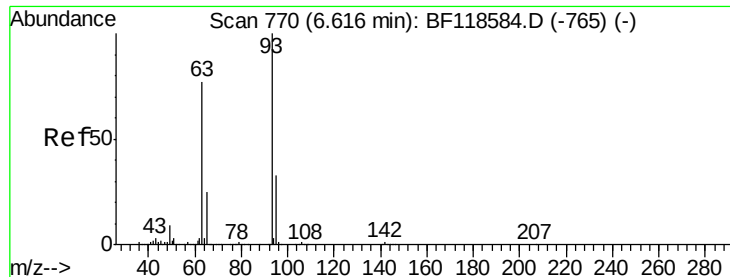


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 55.663 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

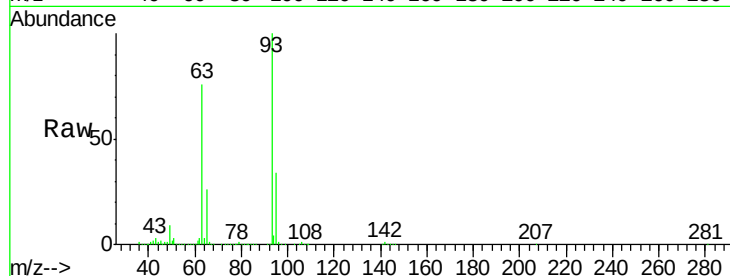
Instrument :

BNA_F

ClientSampled :

Tot Ion: 93 Resp: 1608982

Ion	Ratio	Lower	Upper
93	100		
63	76.5	56.3	96.3
95	34.1	13.3	53.3

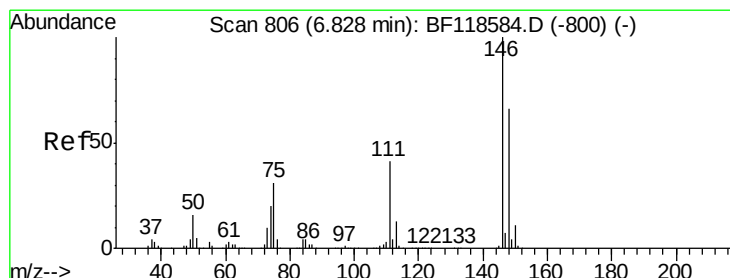
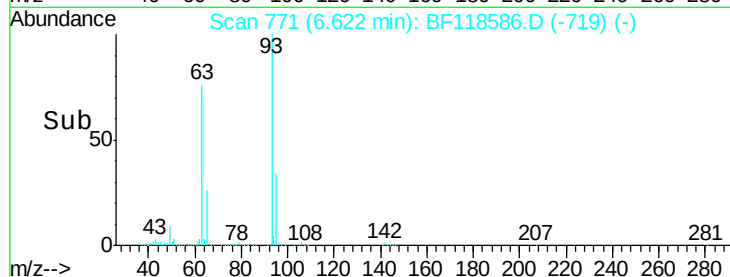
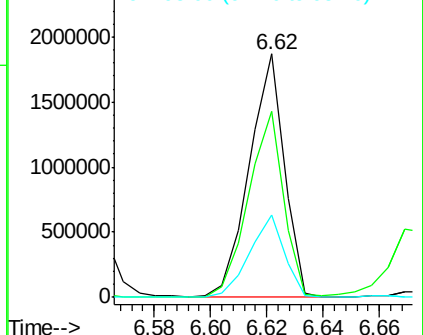


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 55.695 ng

RT: 6.83 min Scan# 806

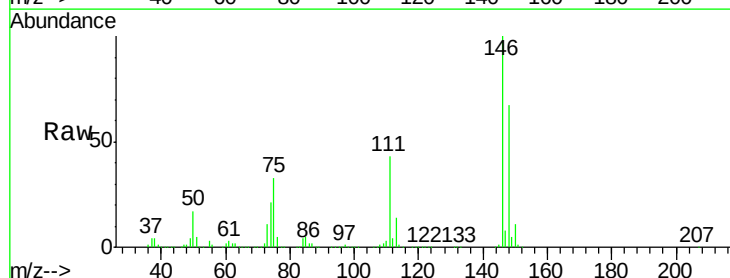
Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion: 146 Resp: 1890969

Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.0	79.6
75	33.5	25.1	37.7

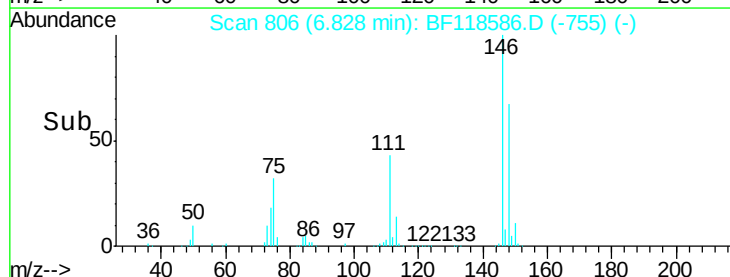
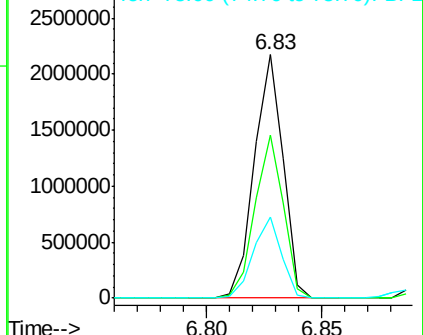


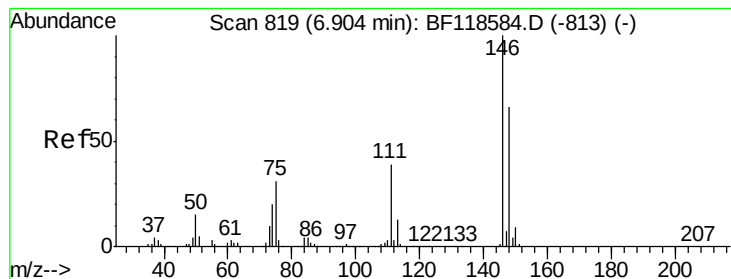
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 55.938 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

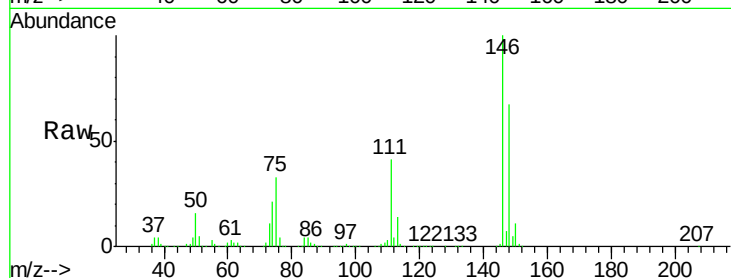
Tot Ion:146 Resp: 1907975

Ion Ratio Lower Upper

146 100

148 66.8 52.4 78.6

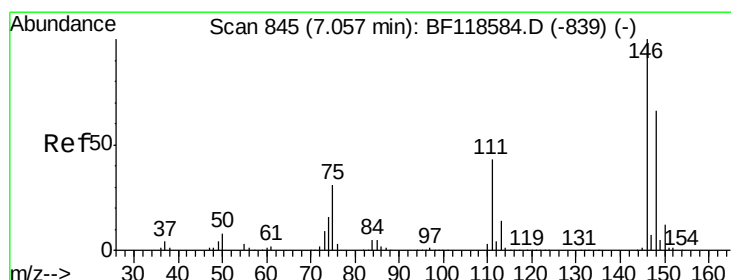
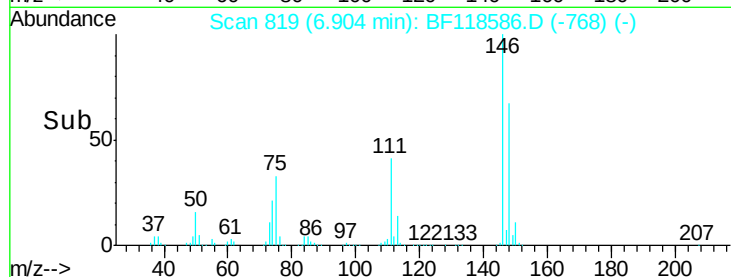
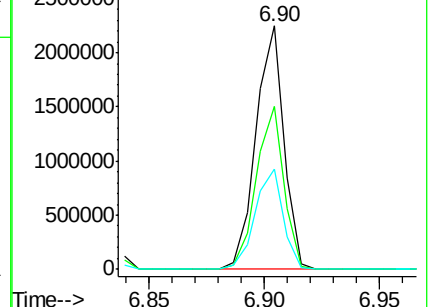
111 41.2 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.537 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

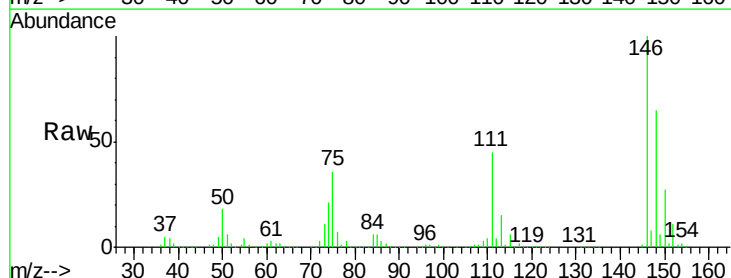
Tgt Ion:146 Resp: 1804245

Ion Ratio Lower Upper

146 100

148 65.2 52.7 79.1

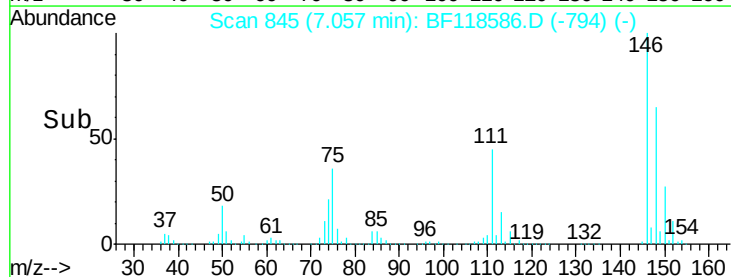
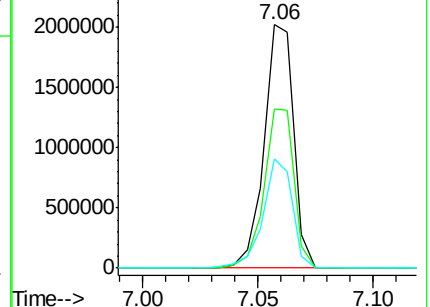
111 45.0 34.6 52.0

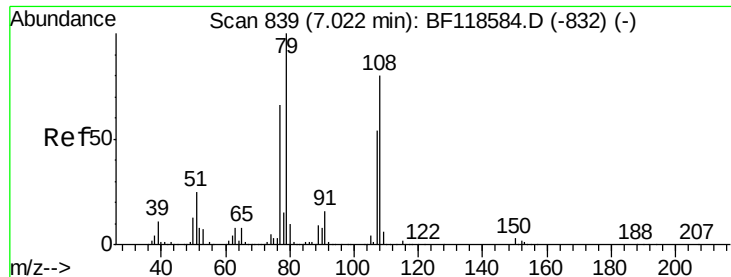


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.243 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

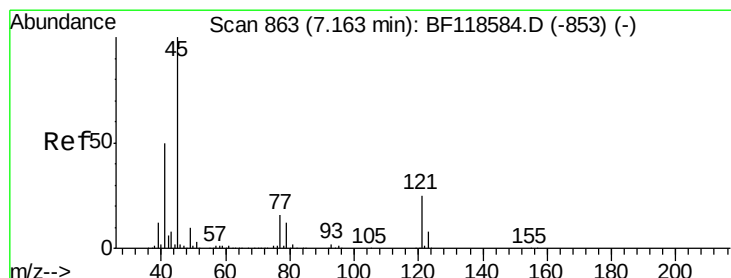
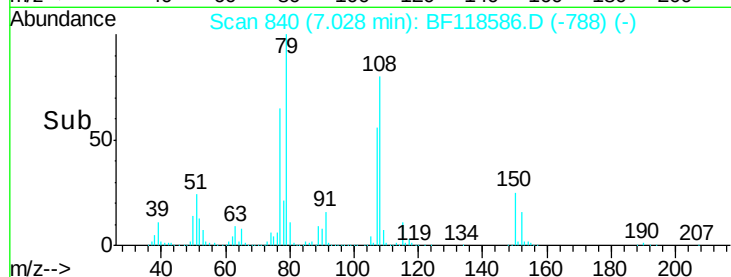
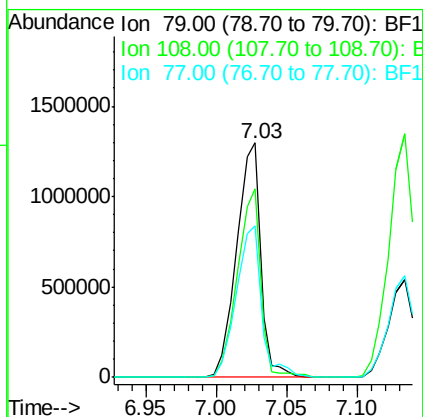
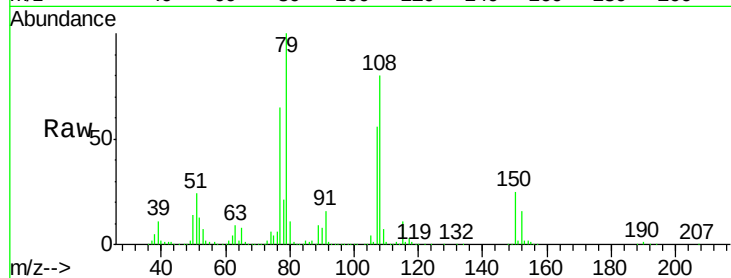
Tot Ion: 79 Resp: 1545297

Ion Ratio Lower Upper

79 100

108 80.3 63.6 95.4

77 64.6 52.5 78.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.615 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

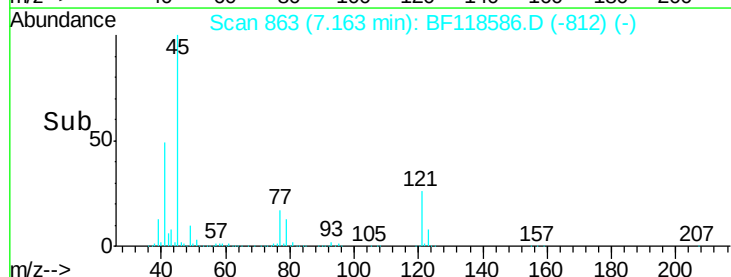
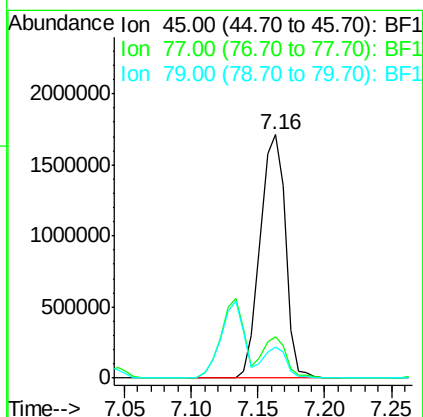
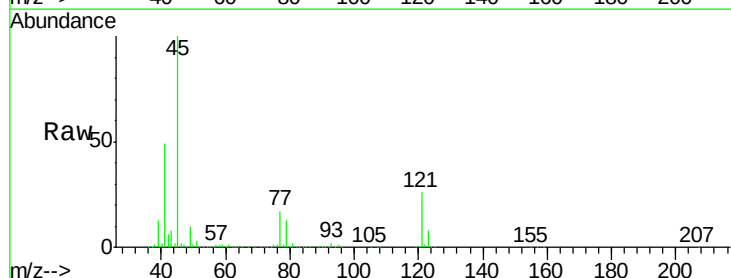
Tgt Ion: 45 Resp: 2231049

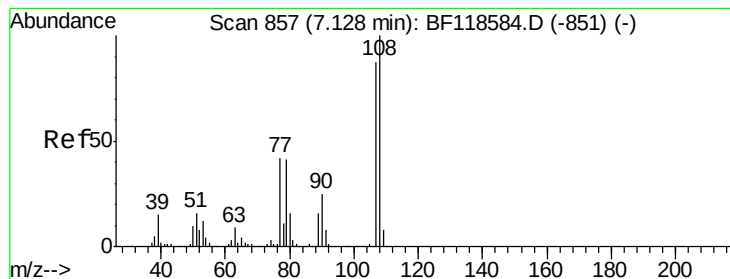
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.1

79 12.7 0.0 32.4

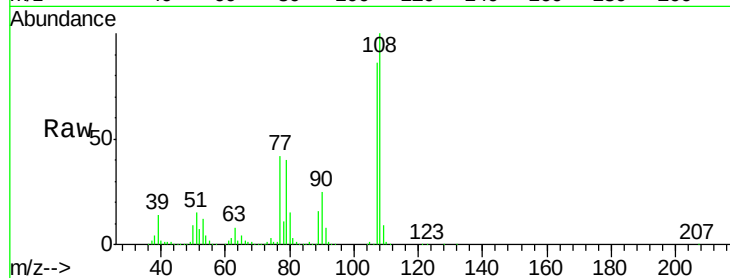




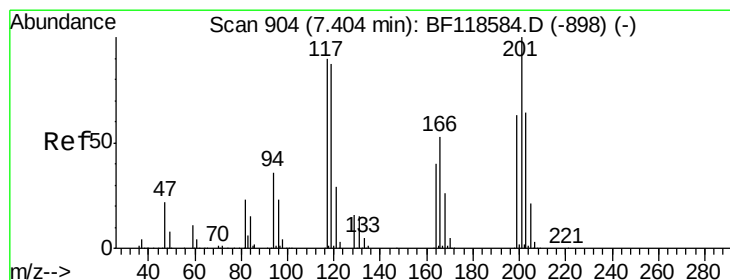
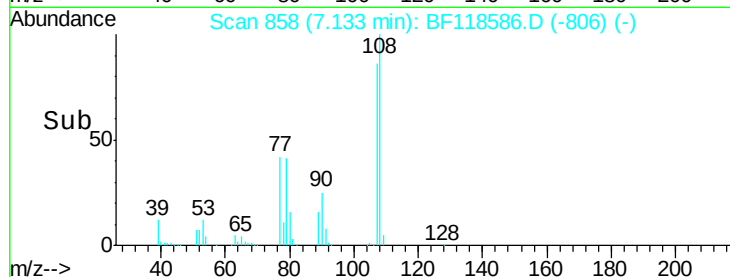
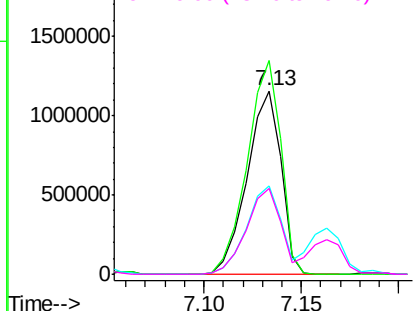
#17
2-Methylphenol
Concen: 57.431 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1391815
Ion Ratio Lower Upper
107 100
108 116.3 91.5 137.3
77 48.4 38.7 58.1
79 46.7 37.7 56.5

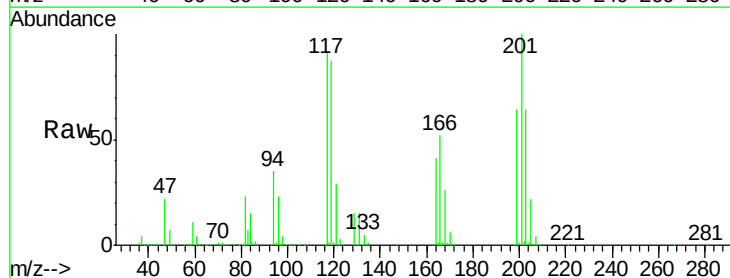


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

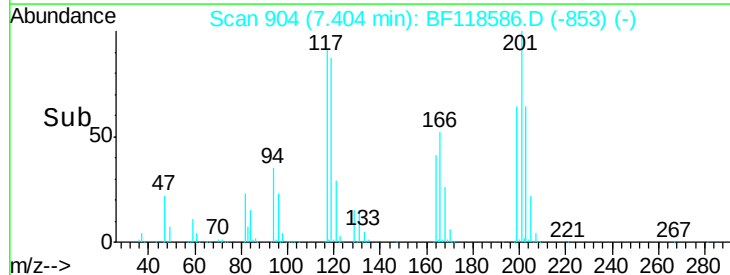
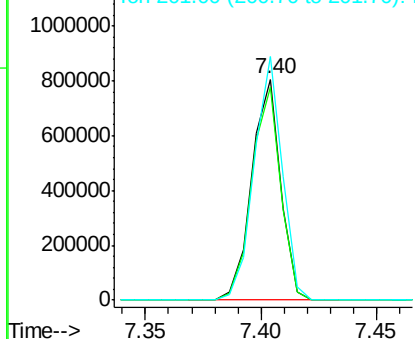


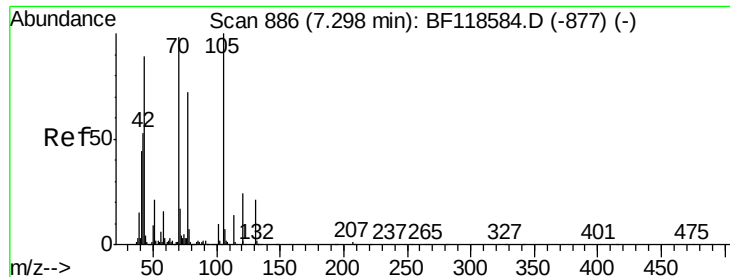
#18
Hexachloroethane
Concen: 56.629 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:117 Resp: 703888
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4
201 110.2 88.8 133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



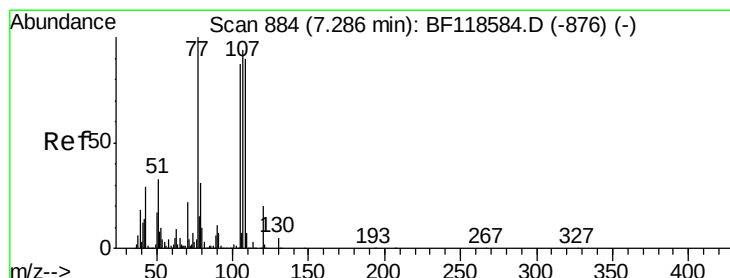
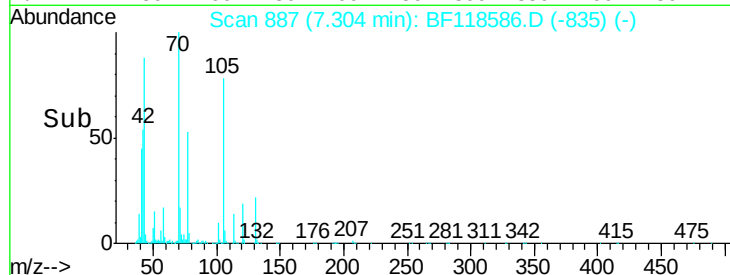
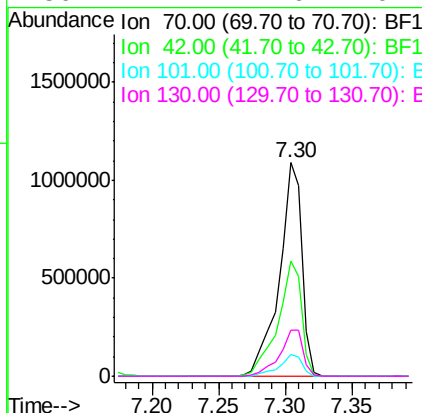
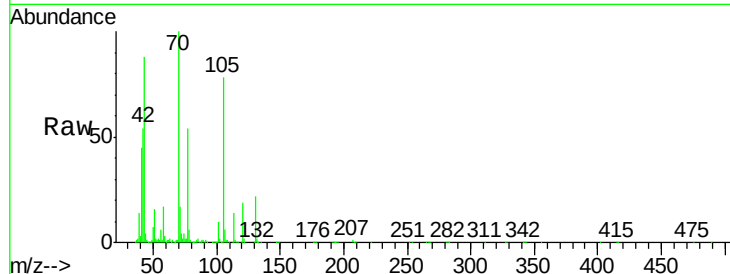


#19
n-Nitroso-di-n-propylamine
Concen: 55.215 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1302461

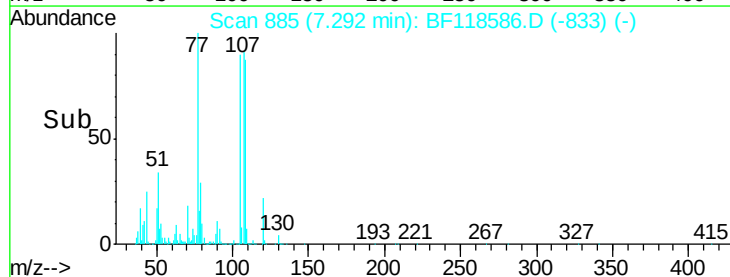
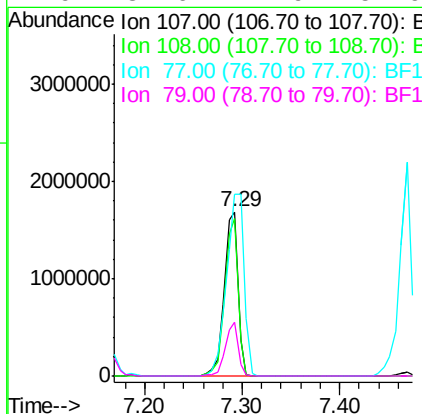
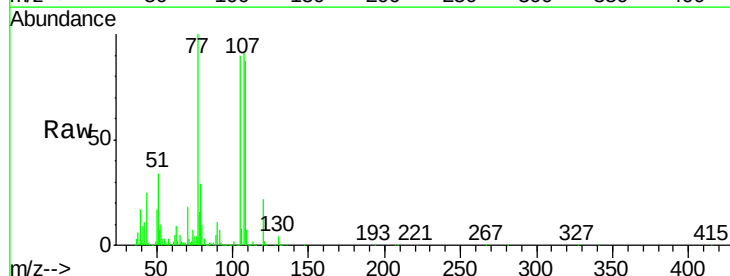
Ion	Ratio	Lower	Upper
70	100		
42	54.1	43.4	65.0
101	9.9	8.1	12.1
130	21.7	17.6	26.4

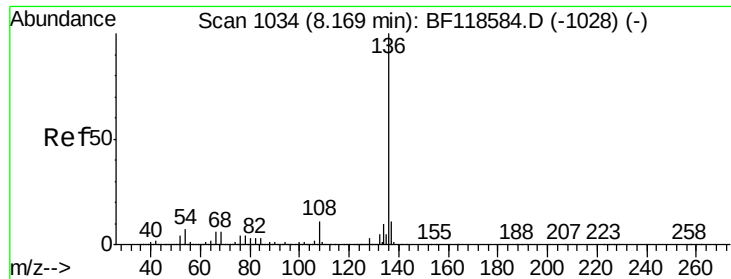


#20
3+4-Methylphenols
Concen: 57.191 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:107 Resp: 1657445

Ion	Ratio	Lower	Upper
107	100		
108	95.6	75.8	115.8
77	110.5	86.5	126.5
79	32.6	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1693488

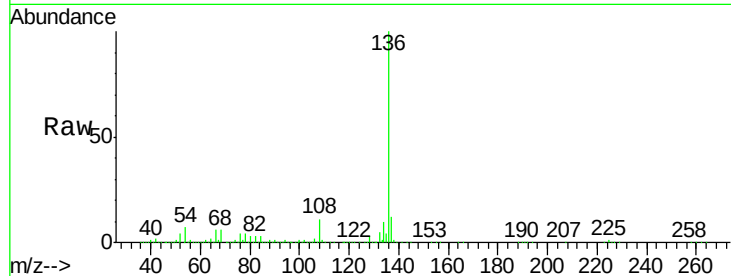
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.5 5.8 8.6

68 6.3 5.0 7.4

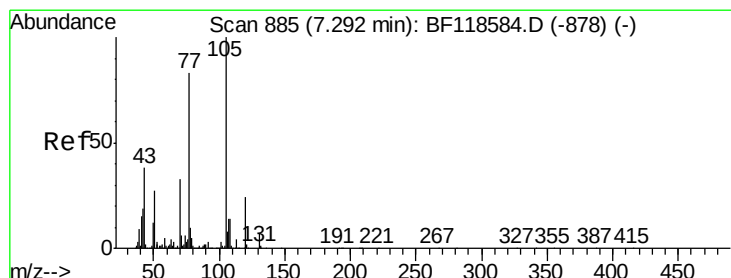
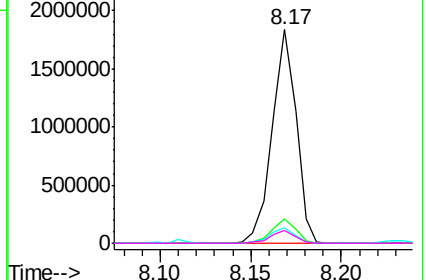
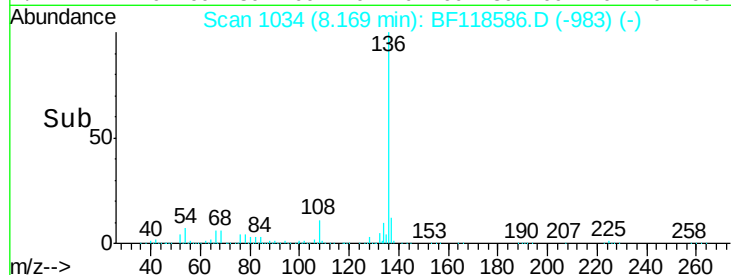


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 55.934 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:105 Resp: 2298643

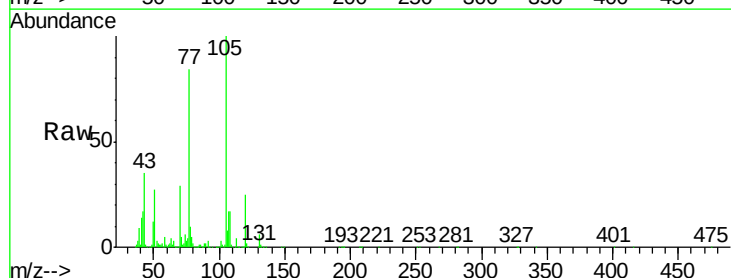
Ion Ratio Lower Upper

105 100

71 5.2 4.5 6.7

51 26.7 21.5 32.3

120 25.2 19.0 28.6

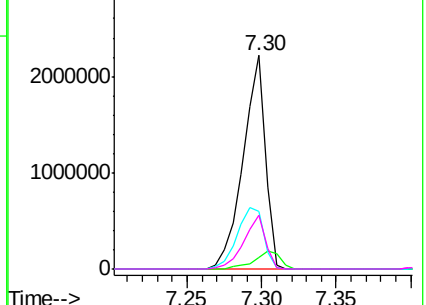
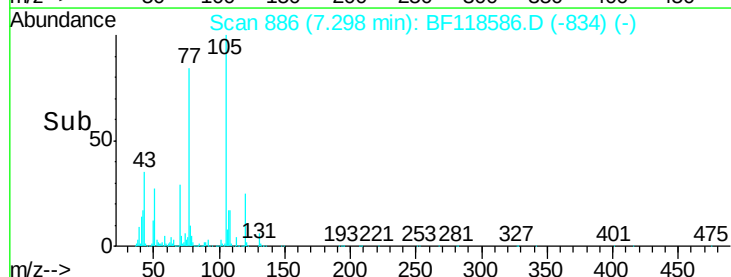


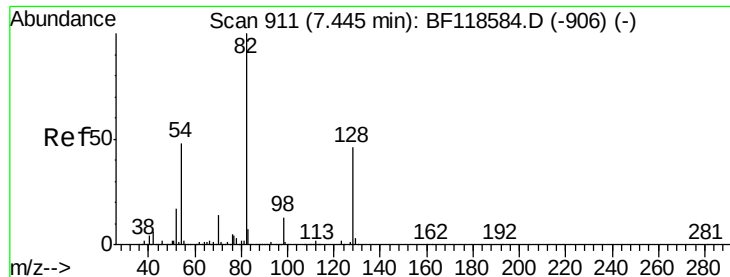
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

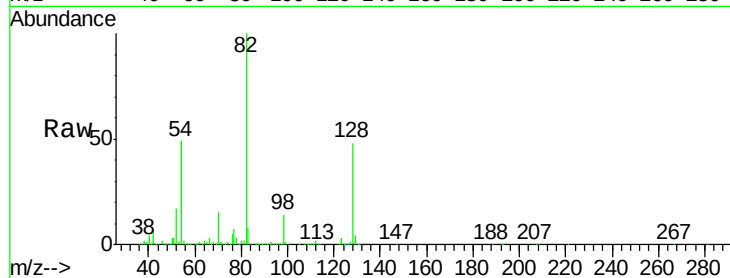




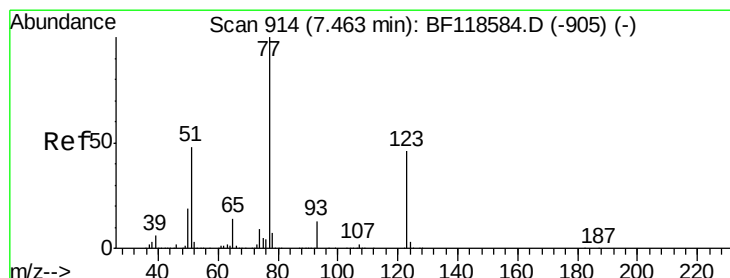
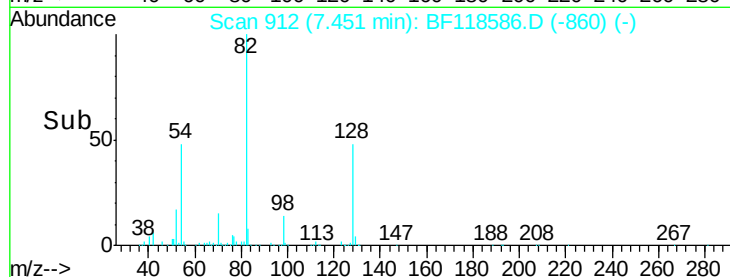
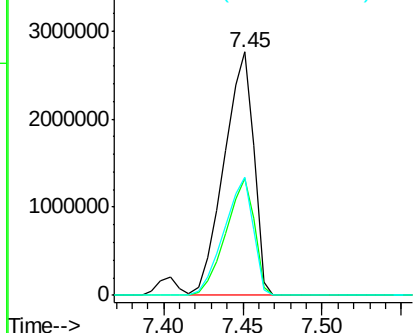
#23
Nitrobenzene-d5
Concen: 130.482 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3577772
Ion Ratio Lower Upper
82 100
128 48.2 36.6 54.8
54 48.5 38.0 57.0

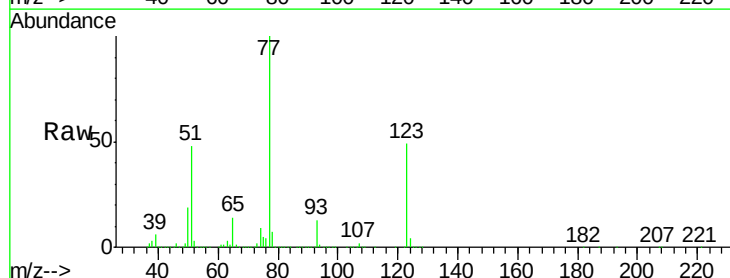


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

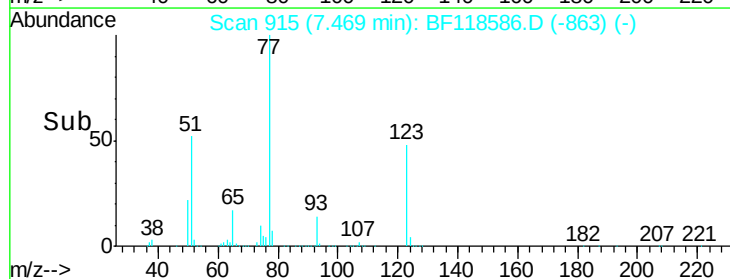
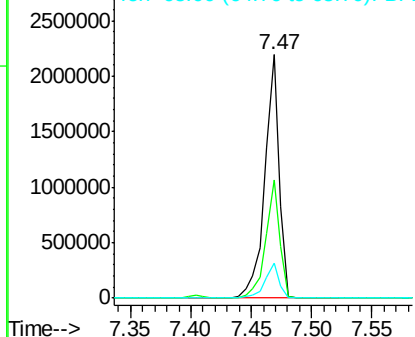


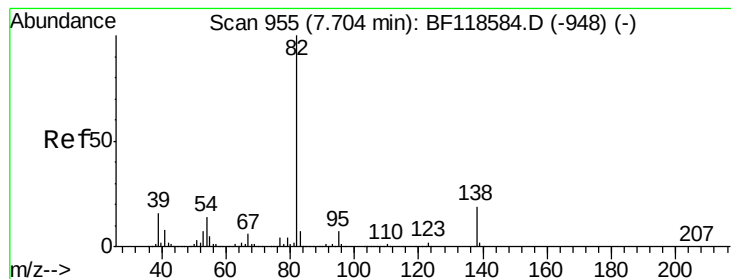
#24
Nitrobenzene
Concen: 62.446 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion: 77 Resp: 1820901
Ion Ratio Lower Upper
77 100
123 48.5 37.0 55.4
65 14.5 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: 54.891 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

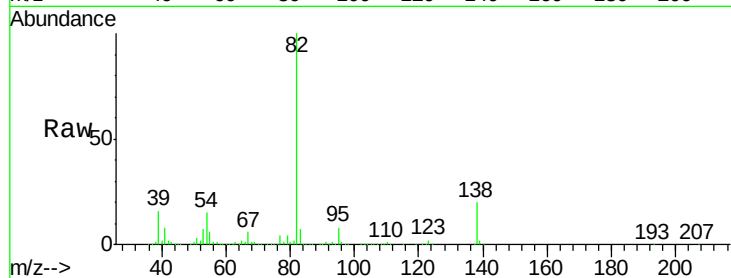
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 3266567

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	19.9	15.3	22.9

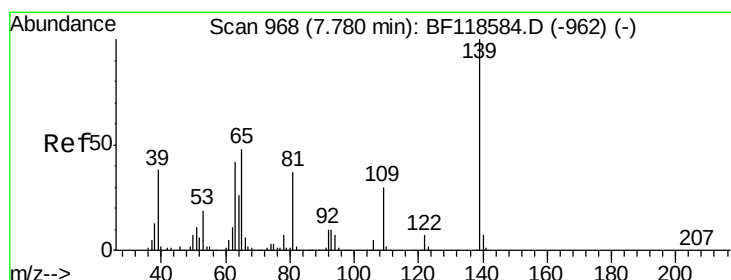
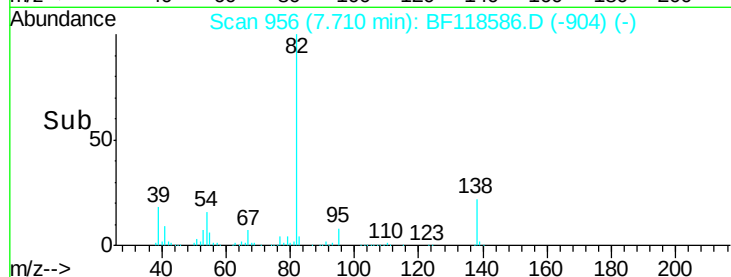
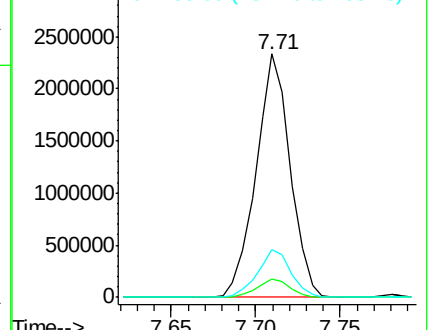


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 72.228 ng

RT: 7.78 min Scan# 968

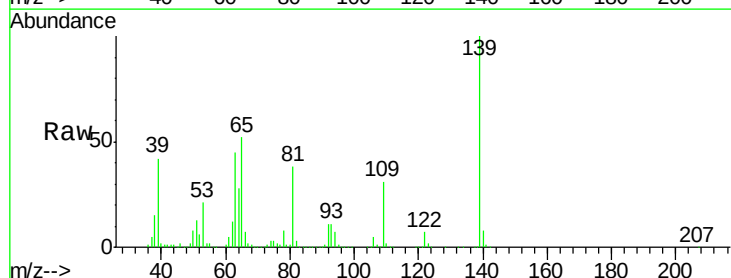
Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion: 139 Resp: 832143

Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.8	35.8
65	51.7	38.5	57.7

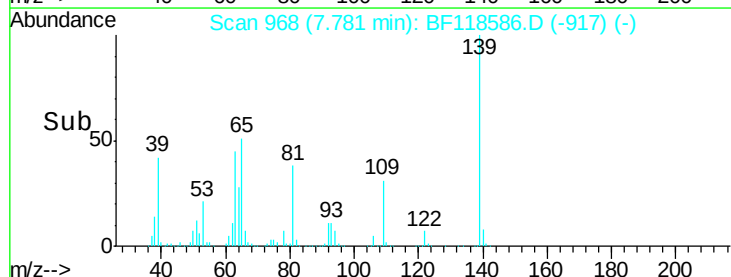
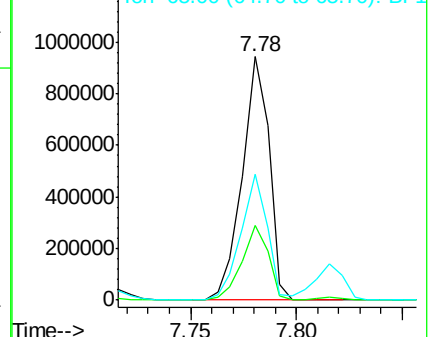


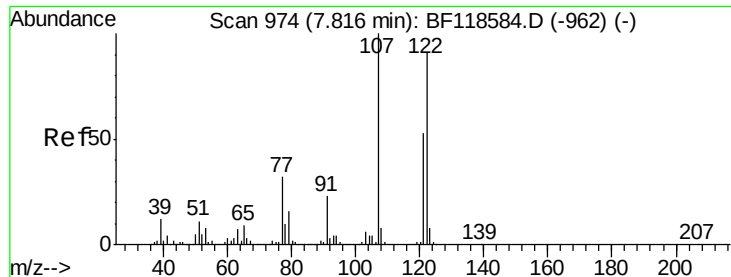
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.521 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

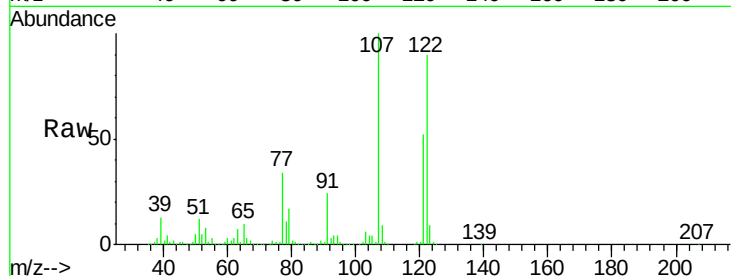
Tot Ion:122 Resp: 1361370

Ion Ratio Lower Upper

122 100

107 111.5 88.0 132.0

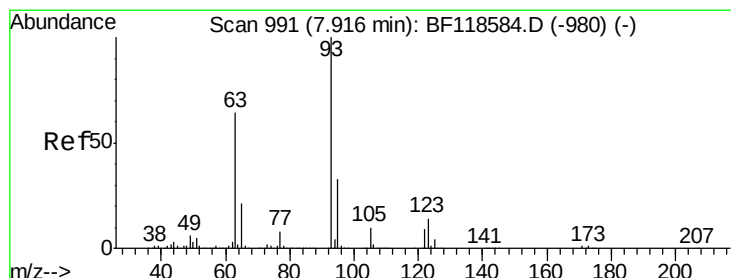
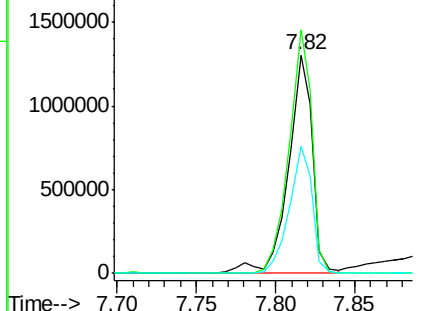
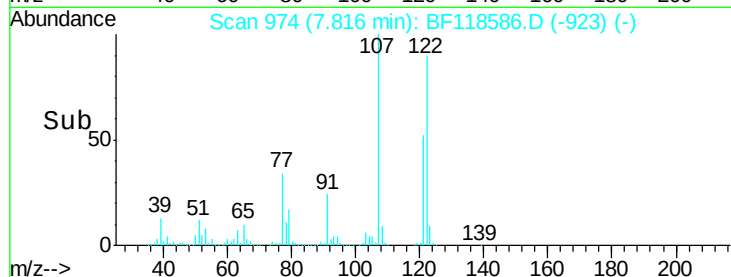
121 58.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.673 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

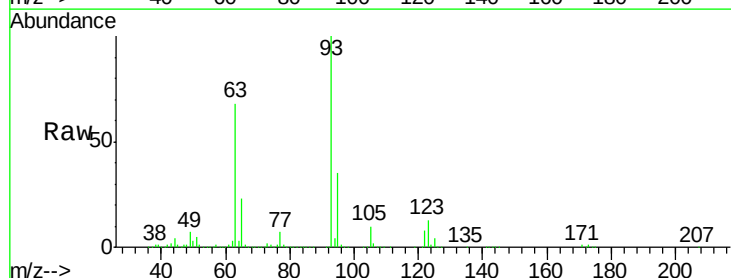
Tgt Ion: 93 Resp: 2090472

Ion Ratio Lower Upper

93 100

95 34.9 26.7 40.1

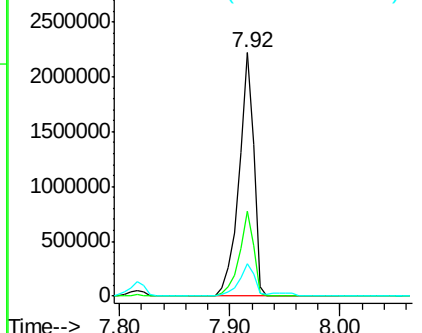
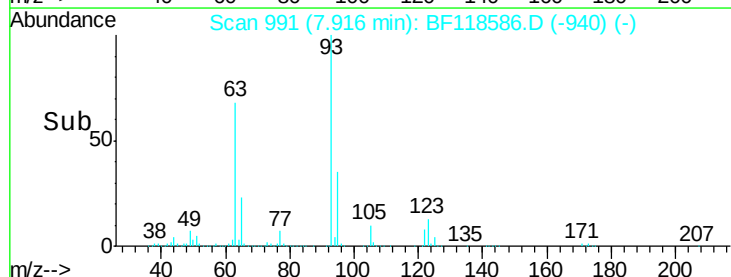
123 13.1 11.0 16.6

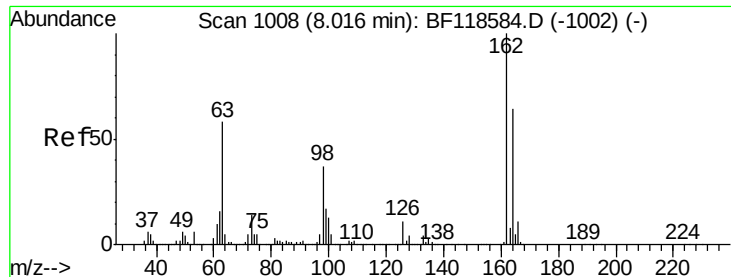


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

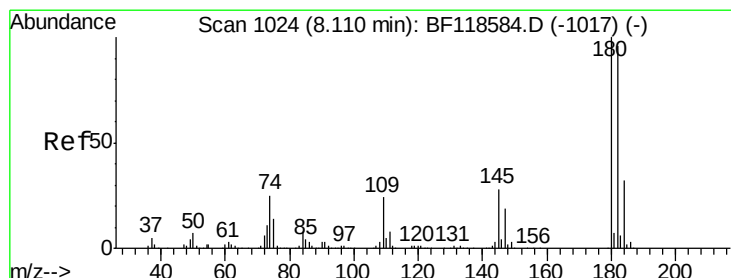
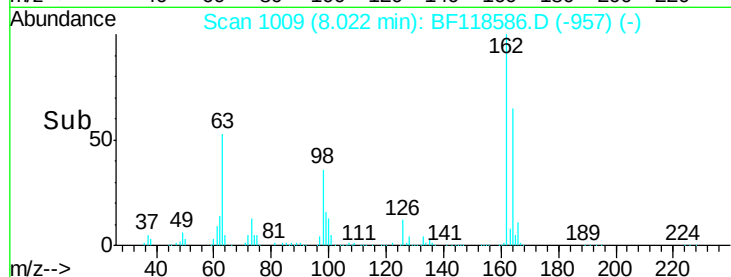
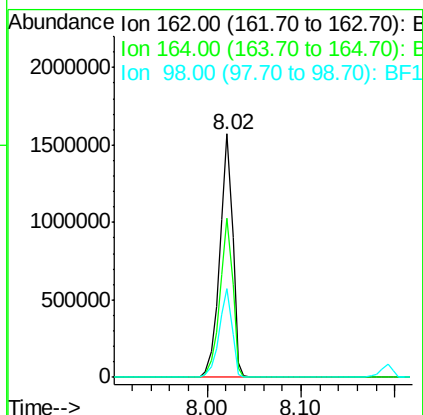
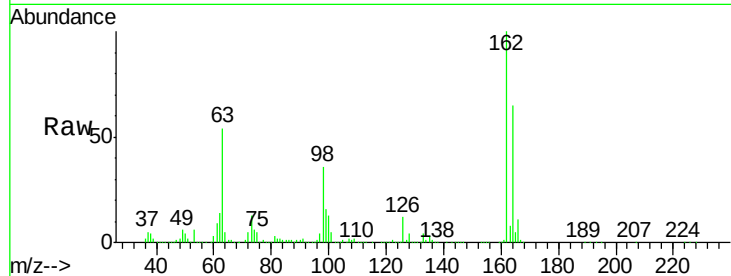




#29
2,4-Dichlorophenol
Concen: 57.944 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

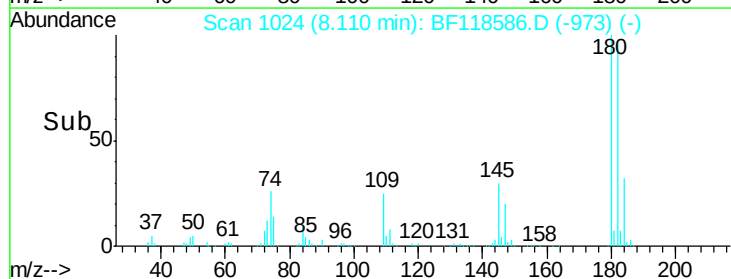
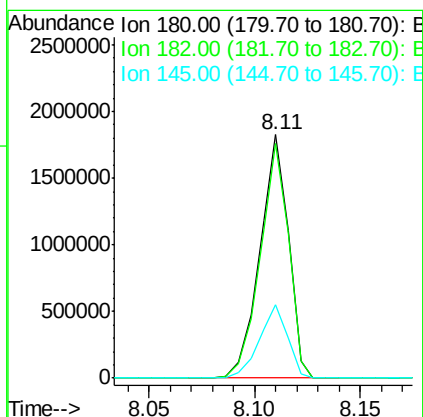
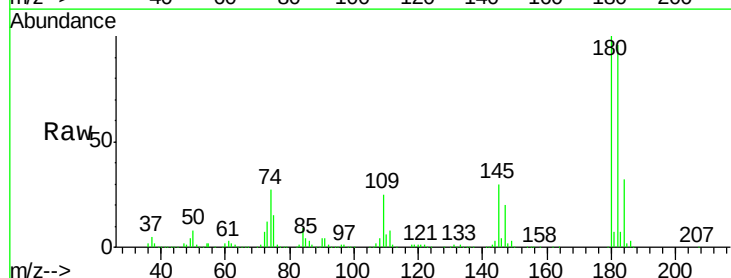
Instrument :
BNA_F
ClientSampleId :

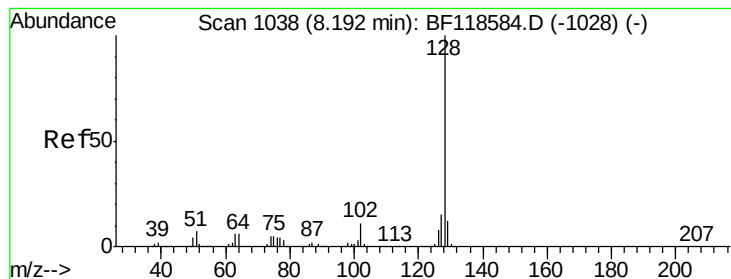
Tot Ion:162 Resp: 1509508
Ion Ratio Lower Upper
162 100
164 65.3 44.3 84.3
98 36.4 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 56.419 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:180 Resp: 1712878
Ion Ratio Lower Upper
180 100
182 96.5 76.9 115.3
145 30.1 22.8 34.2





#31

Naphthalene

Concen: 54.396 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

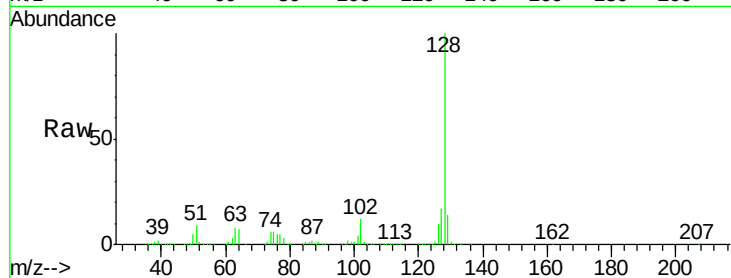
Tot Ion:128 Resp: 4344303

Ion Ratio Lower Upper

128 100

129 14.2 9.9 14.9

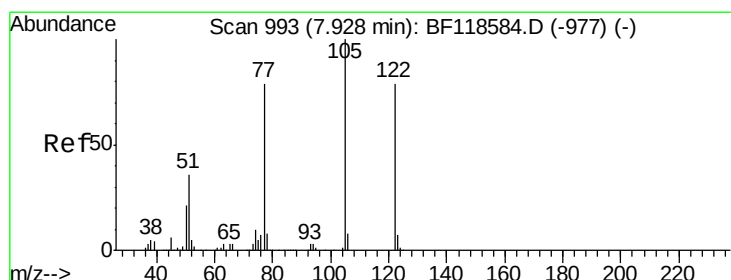
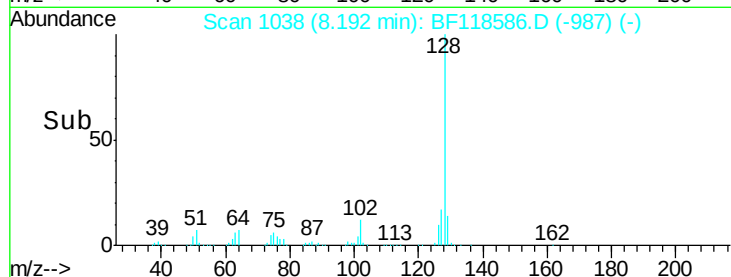
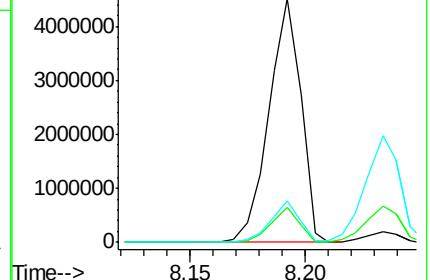
127 17.0 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 78.339 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

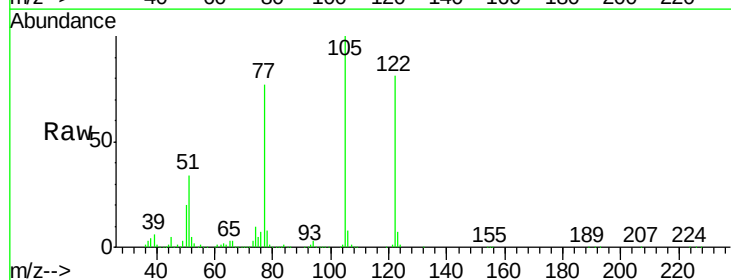
Tgt Ion:122 Resp: 1139111

Ion Ratio Lower Upper

122 100

105 123.1 104.3 144.3

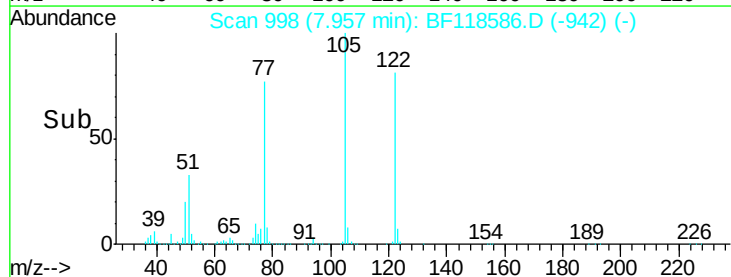
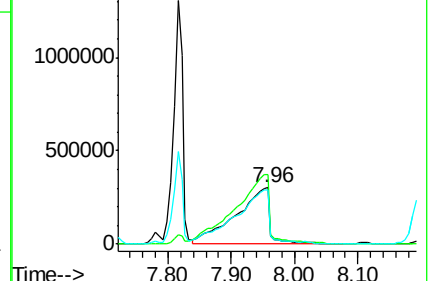
77 94.8 79.4 119.4

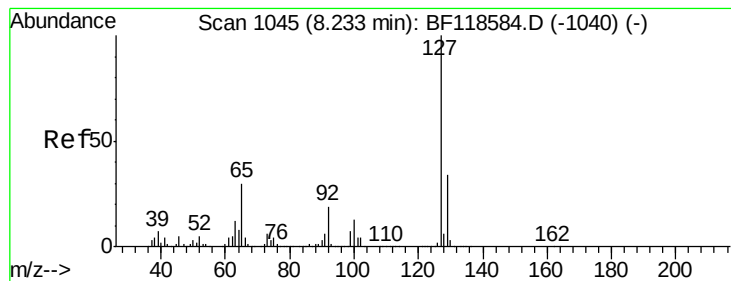


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

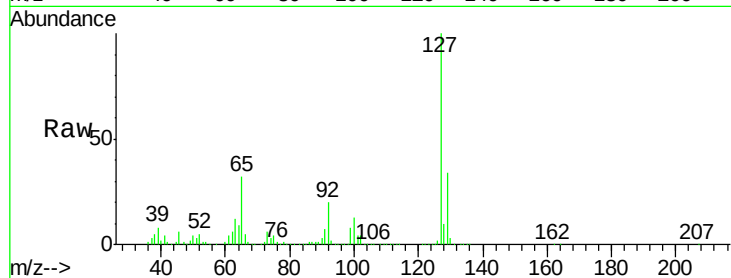




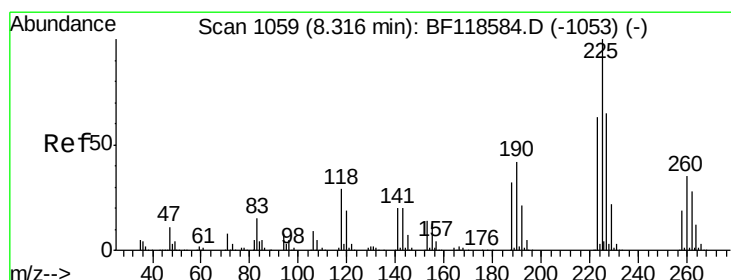
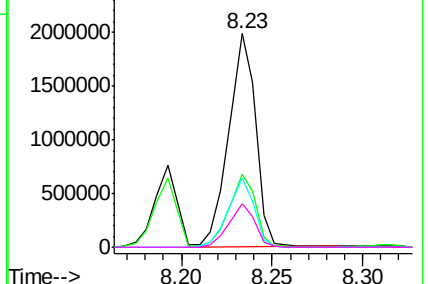
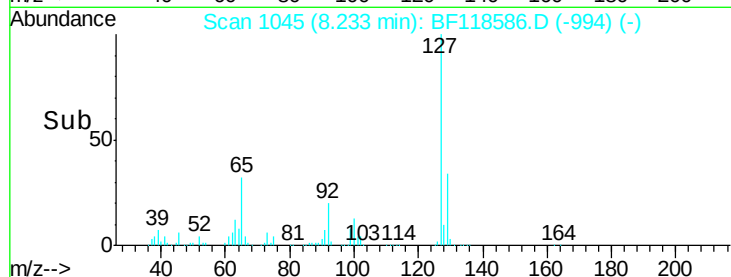
#33
4-Chloroaniline
Concen: 55.367 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 2054564
Ion Ratio	Lower Upper
127 100	
129 34.3	27.4 41.0
65 32.2	23.6 35.4
92 20.3	15.0 22.4

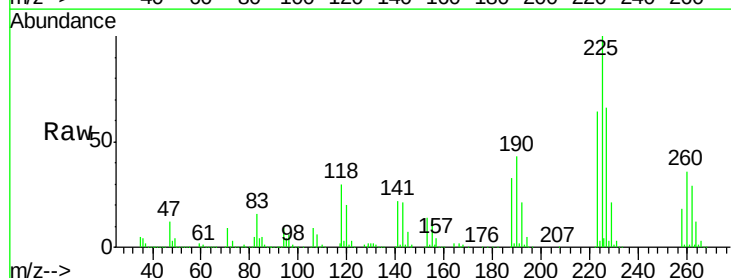


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

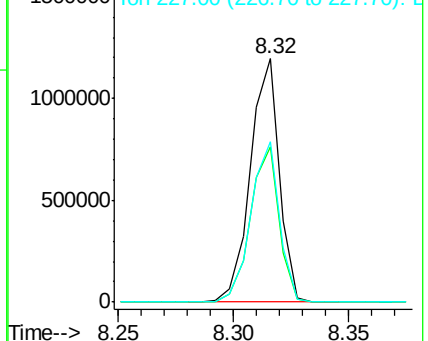
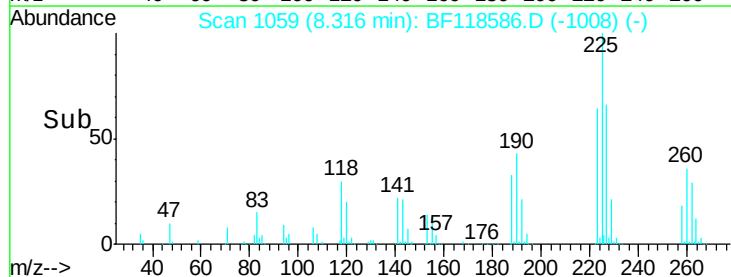


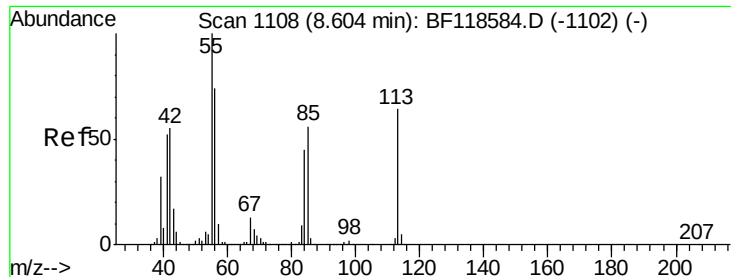
#34
Hexachlorobutadiene
Concen: 55.199 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion	225	Resp: 1045284	
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.4
227	66.1	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.566 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampled :

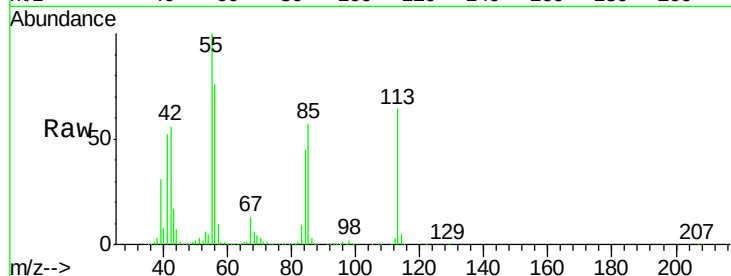
Tot Ion:113 Resp: 409808

Ion Ratio Lower Upper

113 100

55 155.7 136.1 176.1

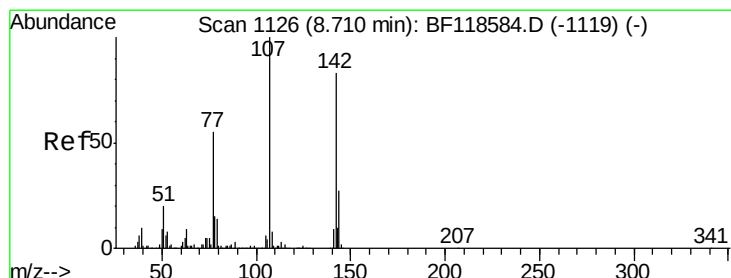
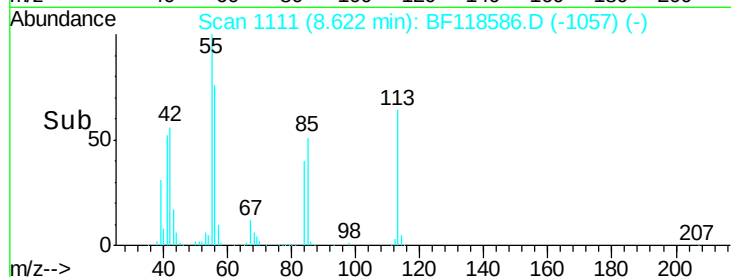
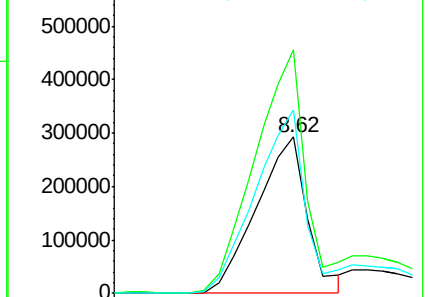
56 117.6 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 57.548 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

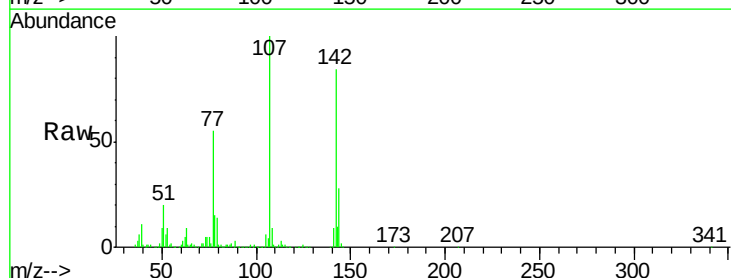
Tgt Ion:107 Resp: 1486175

Ion Ratio Lower Upper

107 100

144 28.2 21.8 32.8

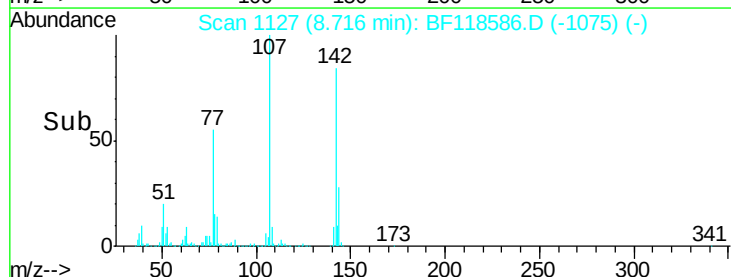
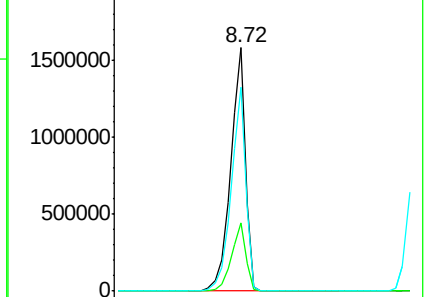
142 83.8 66.5 99.7

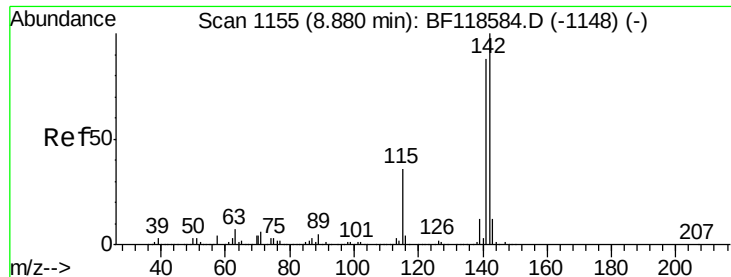


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

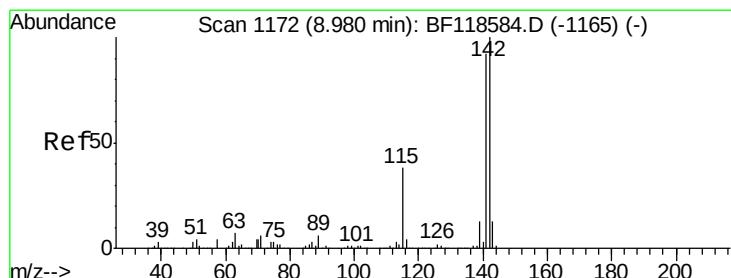
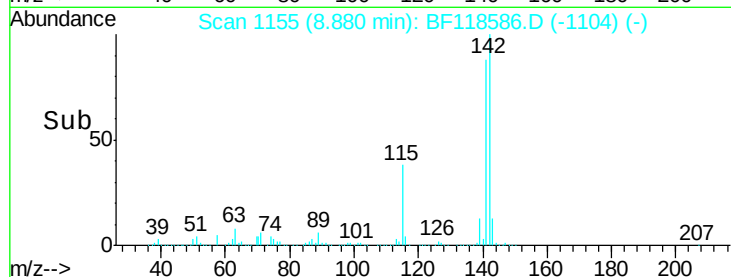
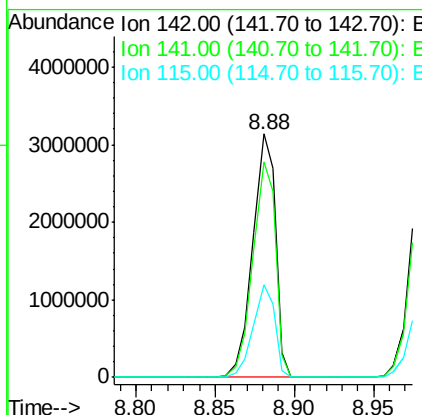
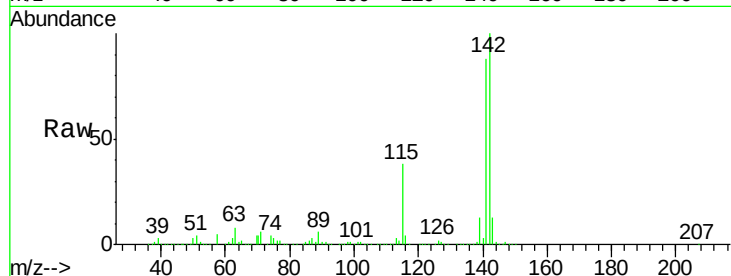




#37
2-Methylnaphthalene
Concen: 55.310 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

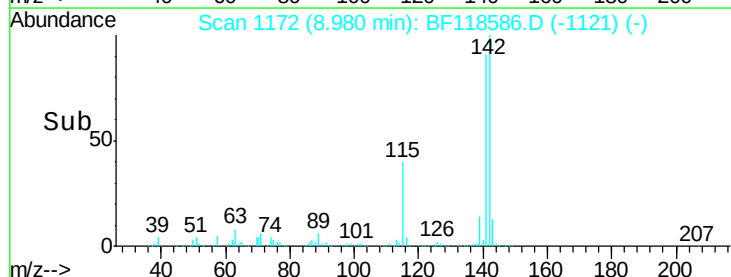
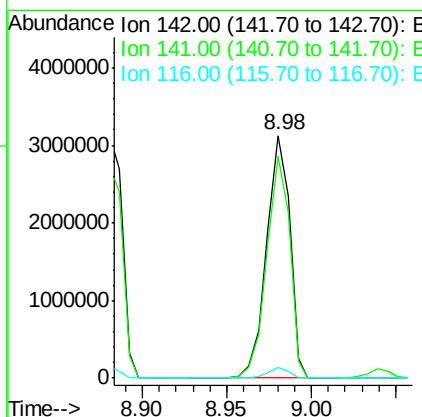
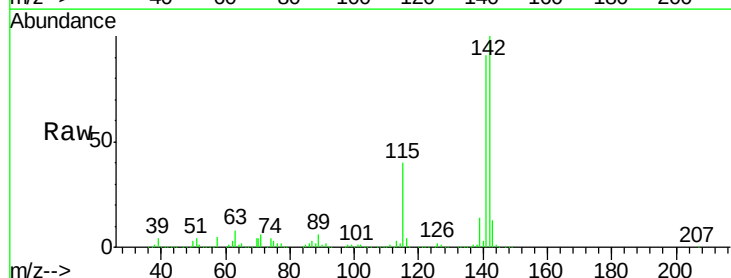
Instrument :
BNA_F
ClientSampleId :

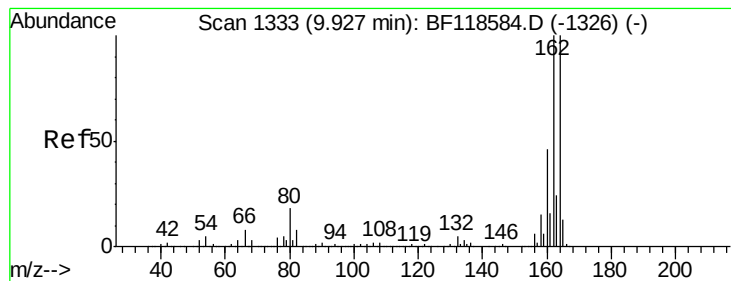
Tot Ion:142 Resp: 3129499
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1
115 38.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 55.728 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:142 Resp: 2983022
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 4.3 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

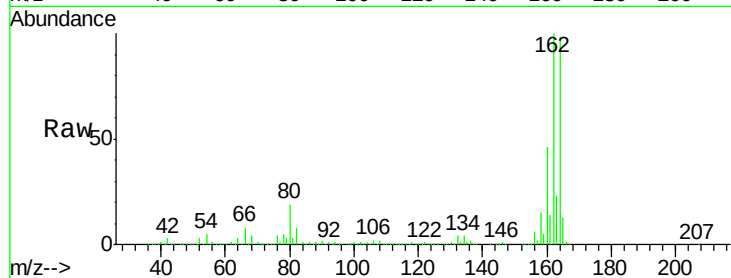
Tot Ion:164 Resp: 962036

Ion Ratio Lower Upper

164 100

162 101.9 80.4 120.6

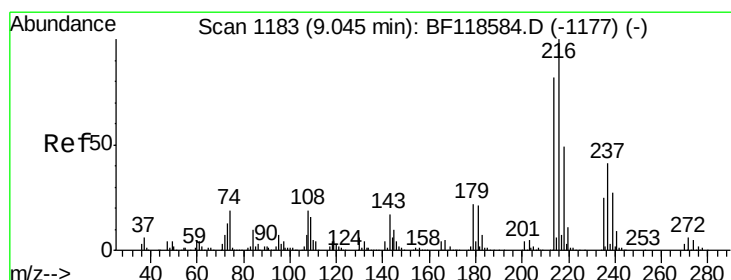
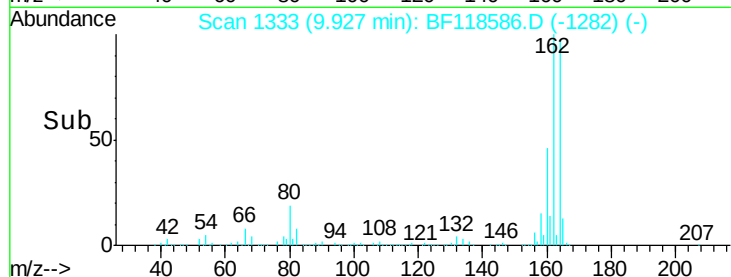
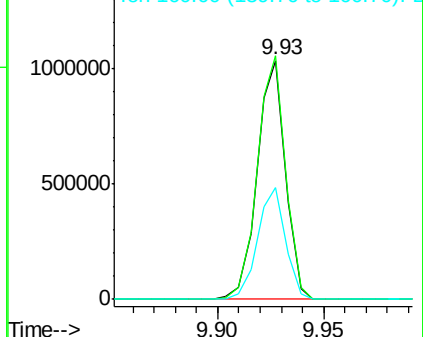
160 46.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.974 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:216 Resp: 1736866

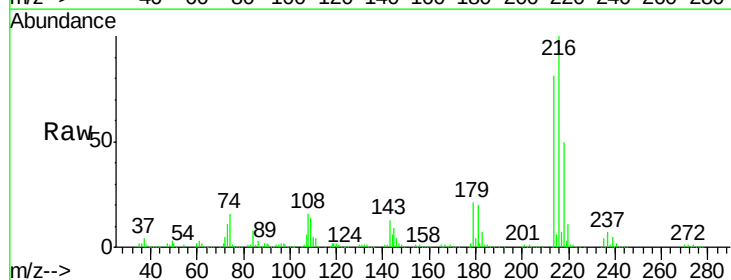
Ion Ratio Lower Upper

216 100

214 80.3 64.2 96.2

179 21.0 16.6 25.0

108 18.1 14.4 21.6

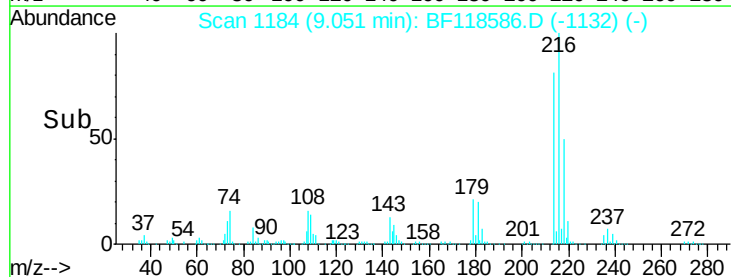
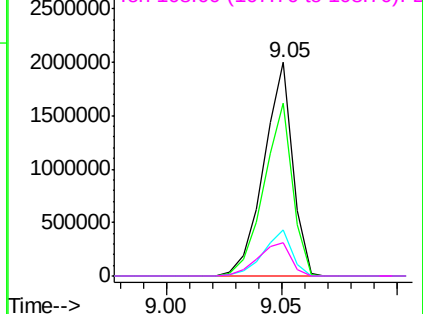


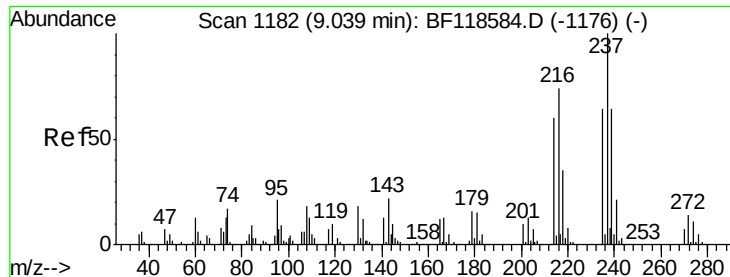
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.813 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

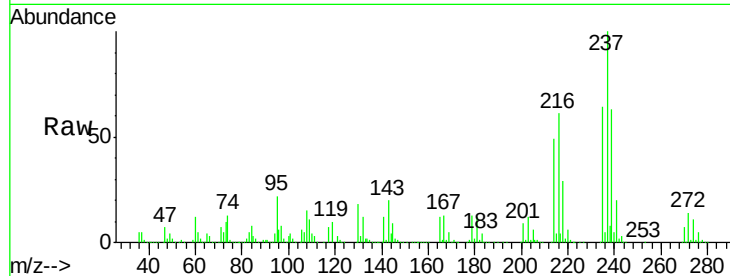
Tot Ion:237 Resp: 921075

Ion Ratio Lower Upper

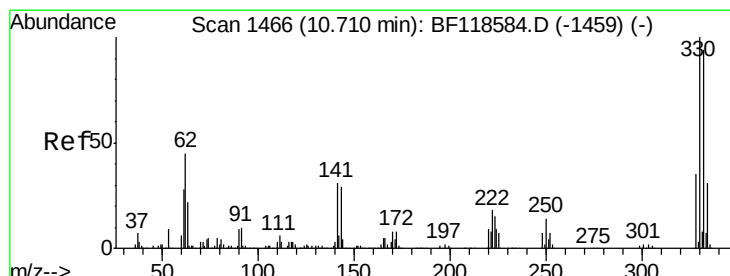
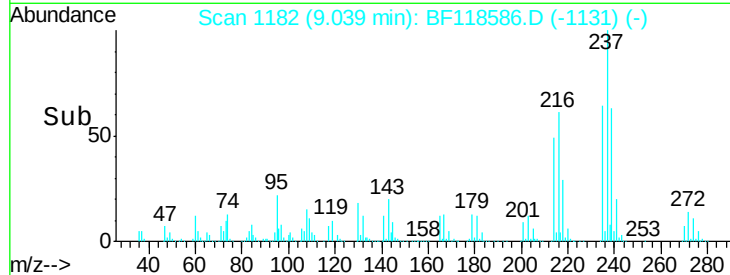
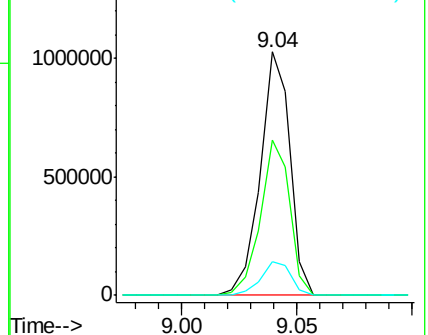
237 100

235 63.8 44.0 84.0

272 13.9 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 126.667 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

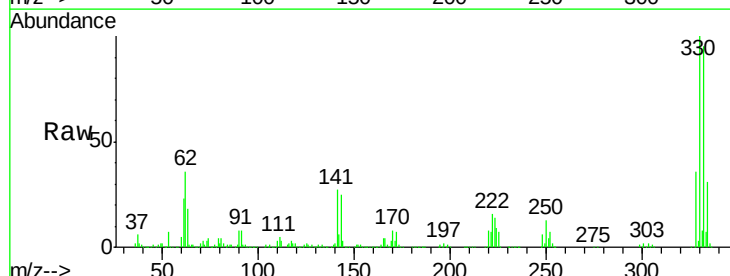
Tgt Ion:330 Resp: 1347121

Ion Ratio Lower Upper

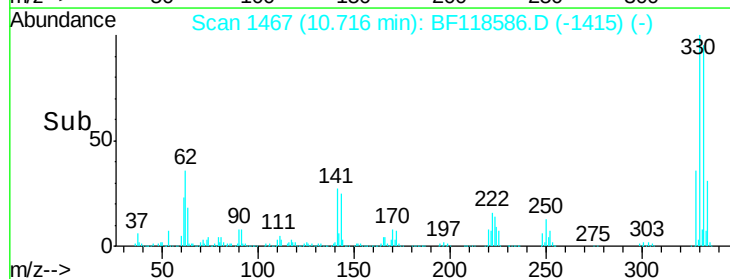
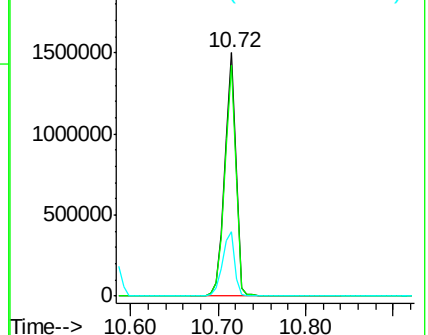
330 100

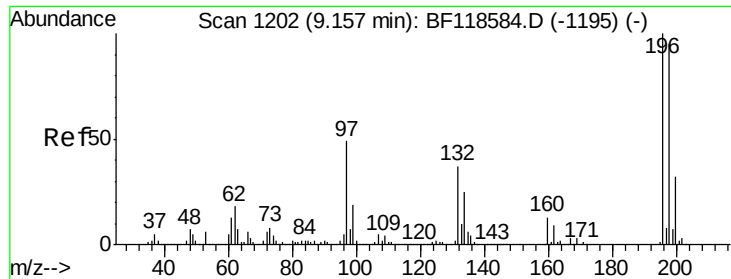
332 95.0 76.2 114.4

141 28.7 23.9 35.9



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

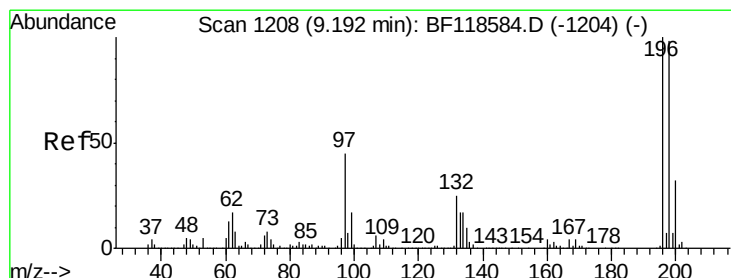
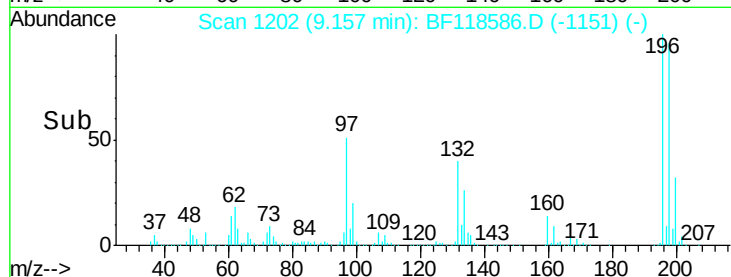
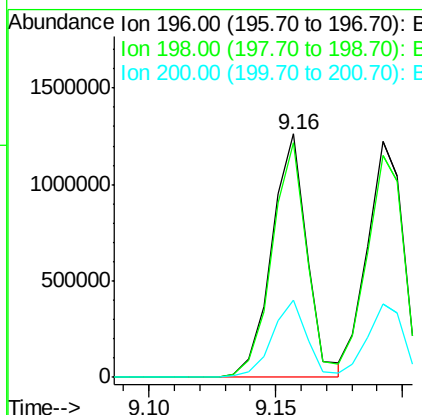
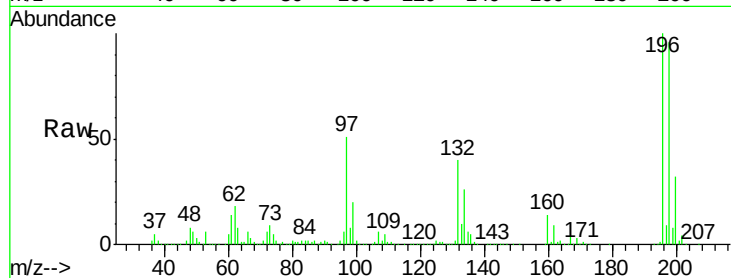




#43
 2,4,6-Trichlorophenol
 Concen: 61.308 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

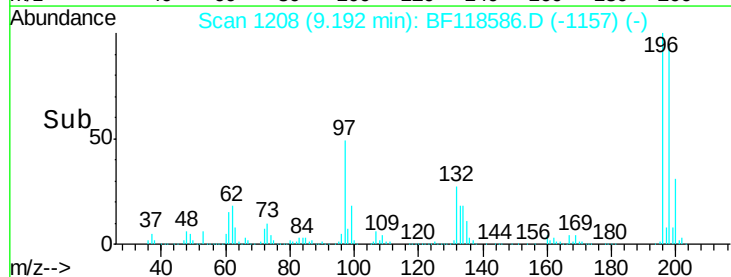
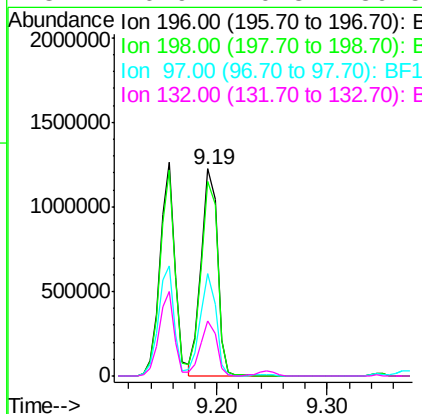
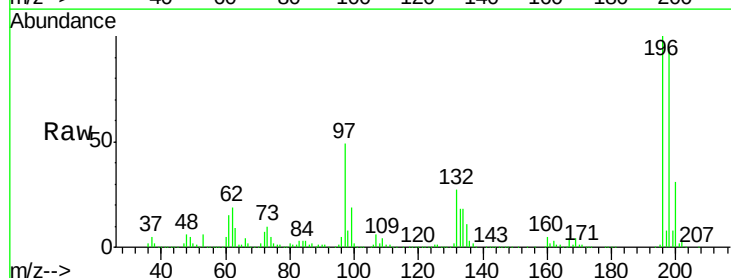
Instrument :
 BNA_F
 ClientSampleId :

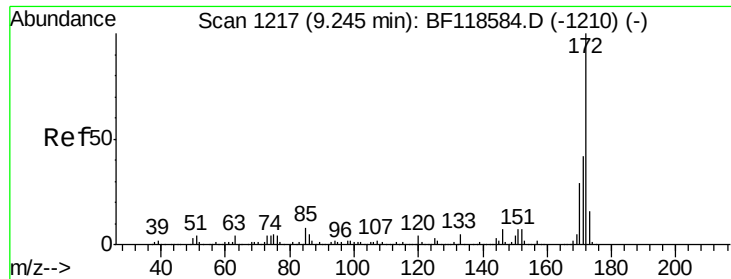
Tot Ion:196 Resp: 1212077
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 31.6 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 60.754 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:196 Resp: 1214354
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.3 117.5
 97 49.4 35.9 53.9
 132 26.9 20.3 30.5

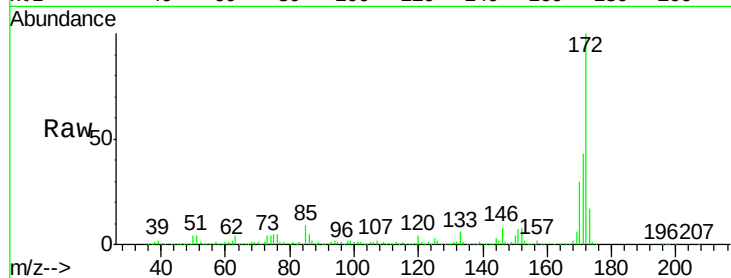




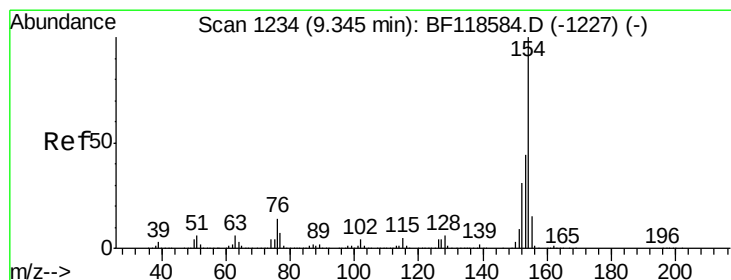
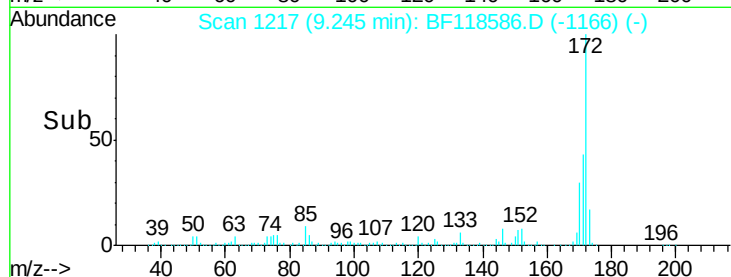
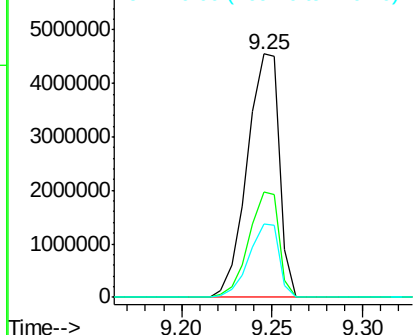
#45
2-Fluorobiphenyl
Concen: 105.305 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5611632
Ion Ratio Lower Upper
172 100
171 43.2 33.4 50.2
170 30.1 23.2 34.8

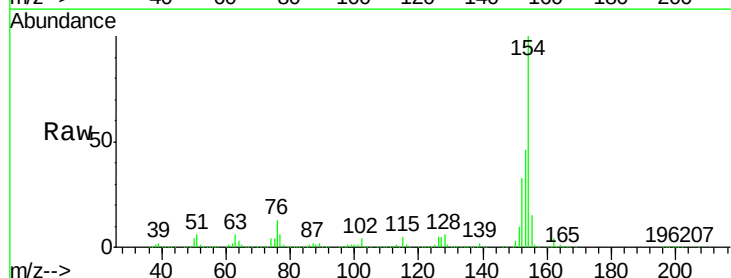


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

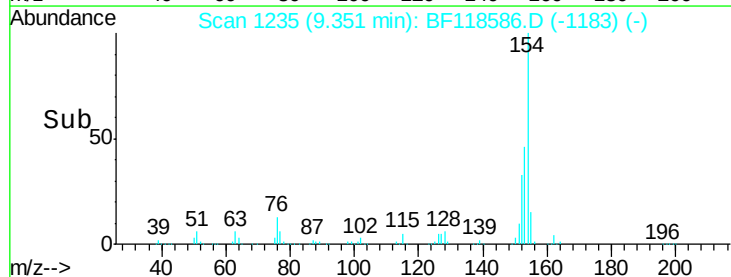
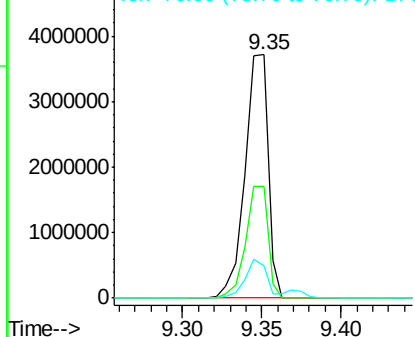


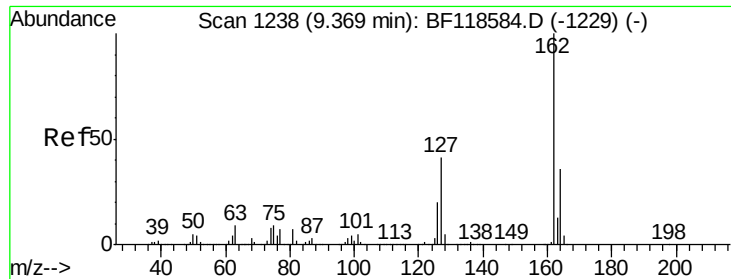
#46
1,1'-Biphenyl
Concen: 54.457 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:154 Resp: 3743424
Ion Ratio Lower Upper
154 100
153 45.7 23.8 63.8
76 13.3 0.0 34.3



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

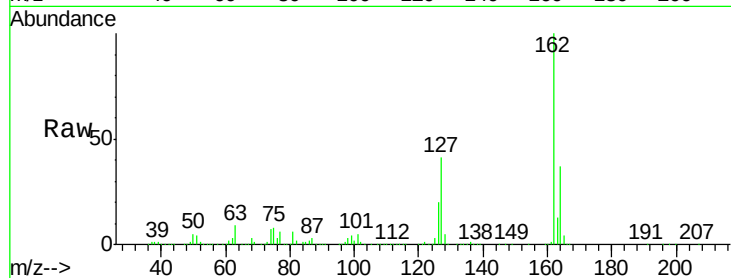




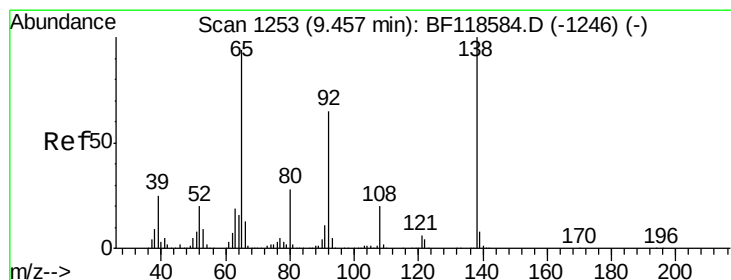
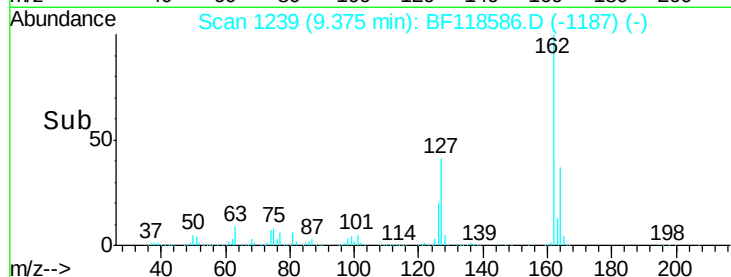
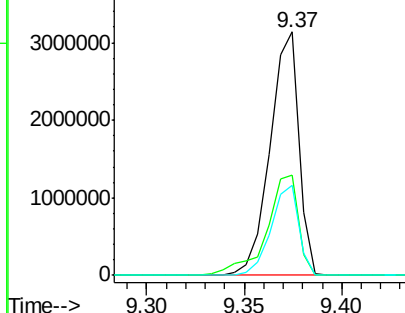
#47
 2-Chloronaphthalene
 Concen: 55.340 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 3206382
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.0 49.6
 164 37.2 28.6 42.8

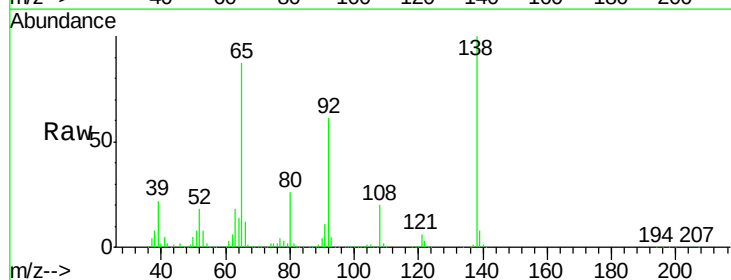


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

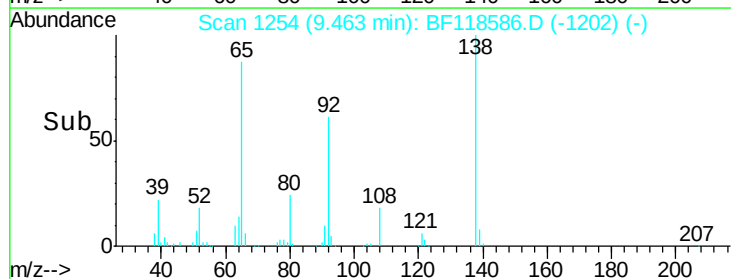
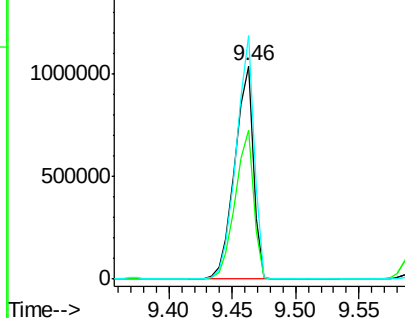


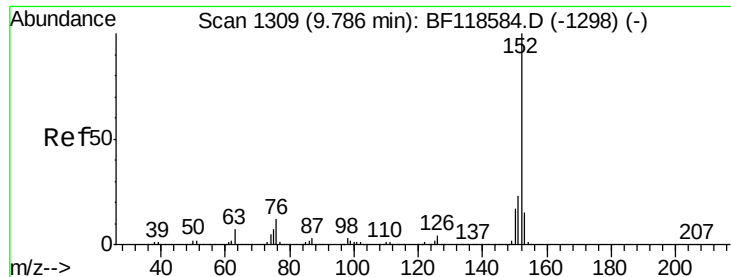
#48
 2-Nitroaniline
 Concen: 69.383 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion: 65 Resp: 1045559
 Ion Ratio Lower Upper
 65 100
 92 70.1 55.4 83.0
 138 114.3 85.0 127.6



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





#49

Acenaphthylene

Concen: 54.879 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

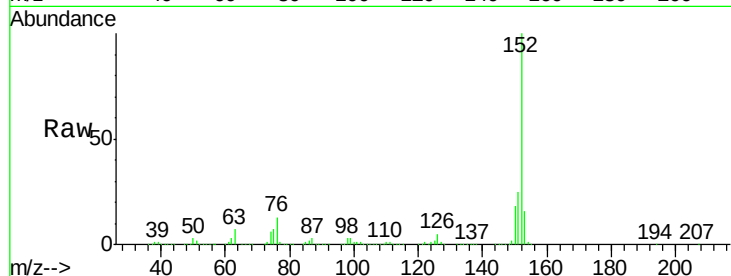
Tot Ion:152 Resp: 4489479

Ion Ratio Lower Upper

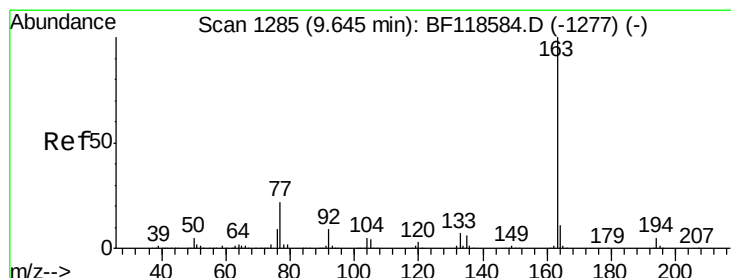
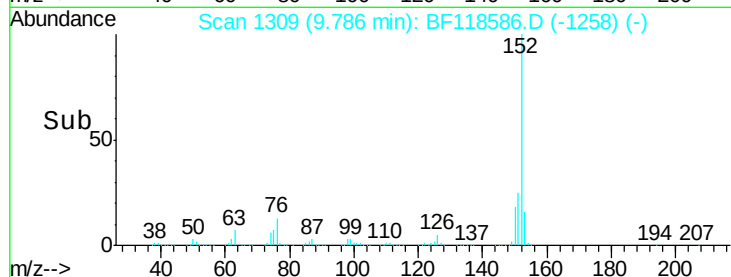
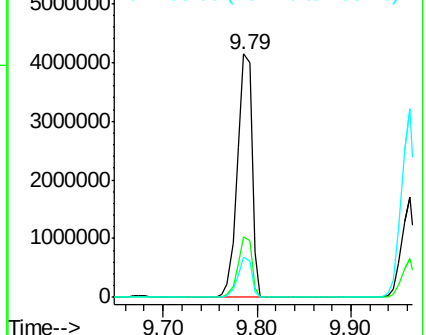
152 100

151 24.7 18.6 27.8

153 16.5 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.672 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

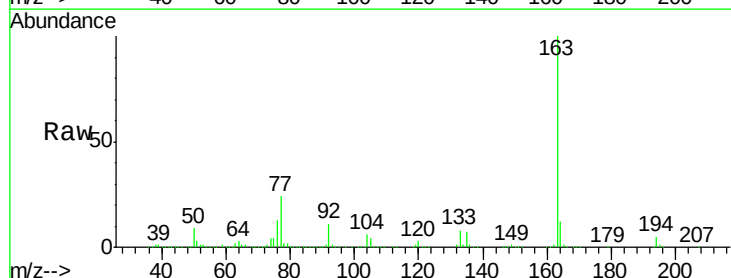
Tgt Ion:163 Resp: 3611294

Ion Ratio Lower Upper

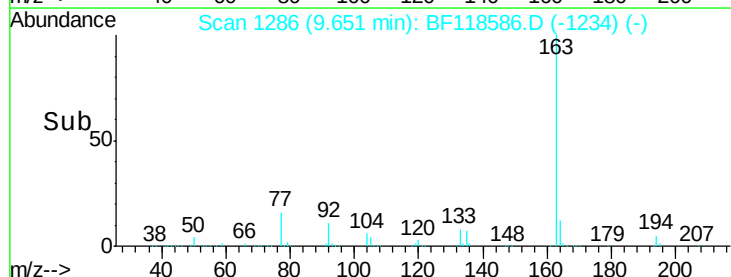
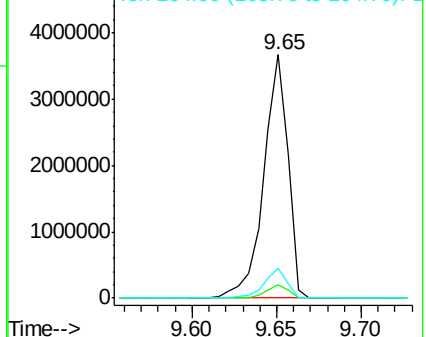
163 100

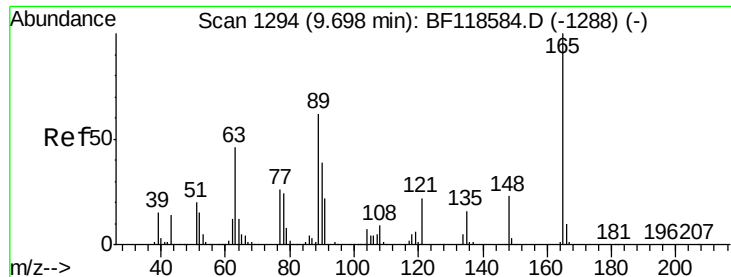
194 5.3 3.9 5.9

164 12.2 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 69.060 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

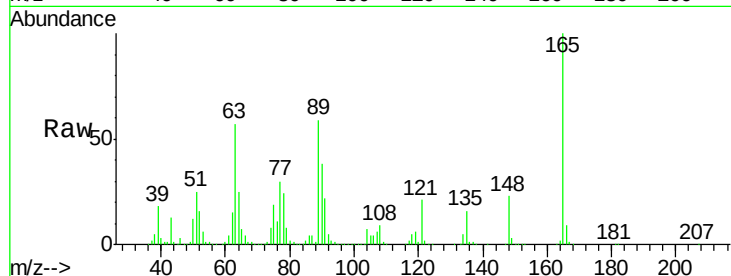
Tot Ion:165 Resp: 870358

Ion Ratio Lower Upper

165 100

63 56.7 48.9 73.3

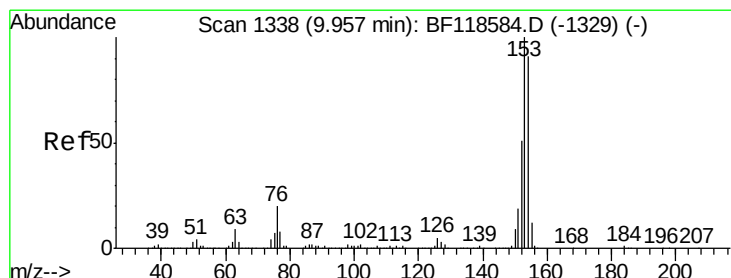
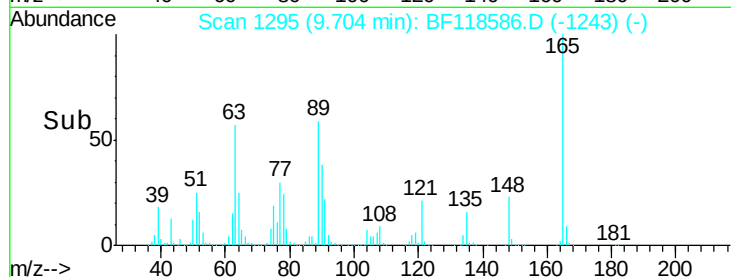
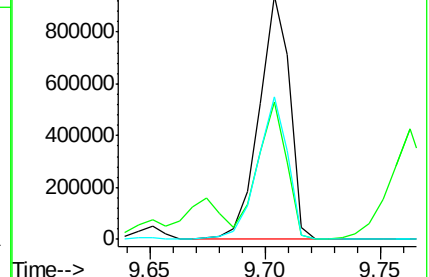
89 58.7 49.8 74.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 57.294 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

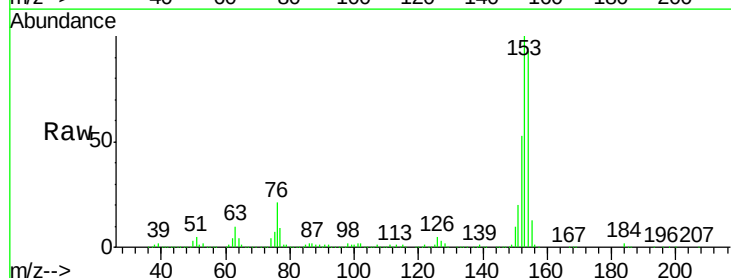
Tgt Ion:154 Resp: 3070456

Ion Ratio Lower Upper

154 100

153 107.5 87.6 131.4

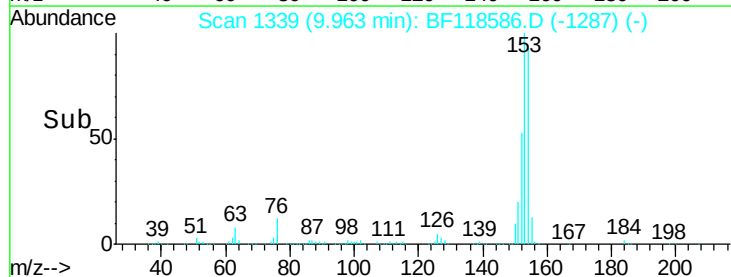
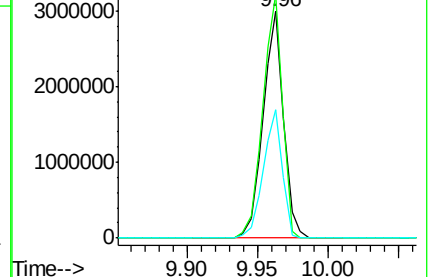
152 56.8 44.4 66.6

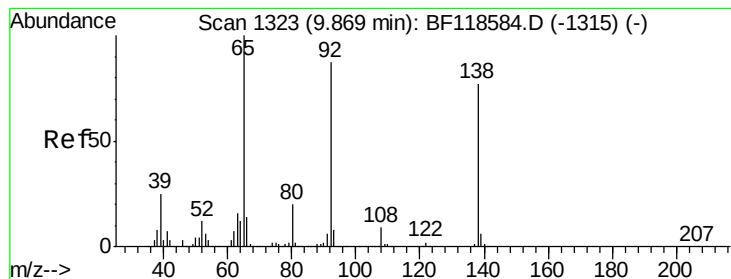


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 69.002 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

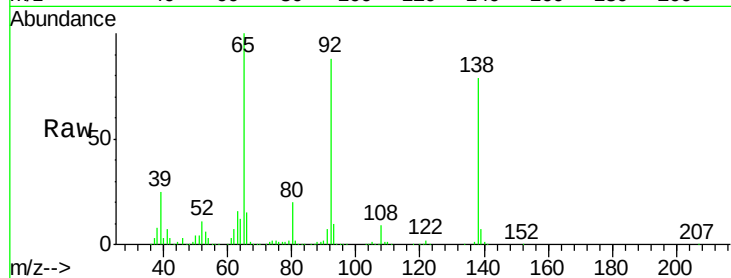
Tot Ion:138 Resp: 985139

Ion Ratio Lower Upper

138 100

108 11.2 9.6 14.4

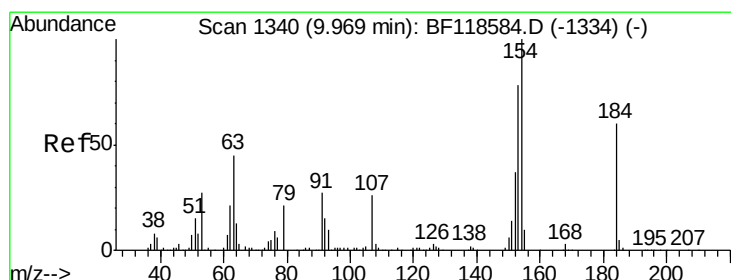
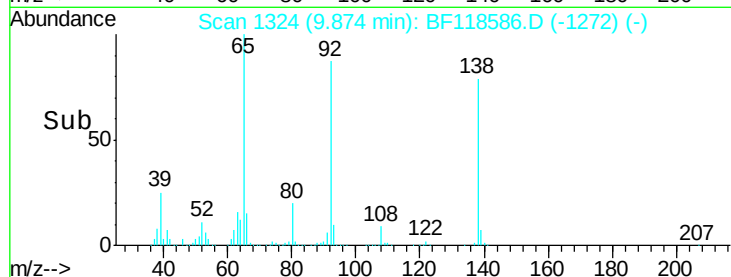
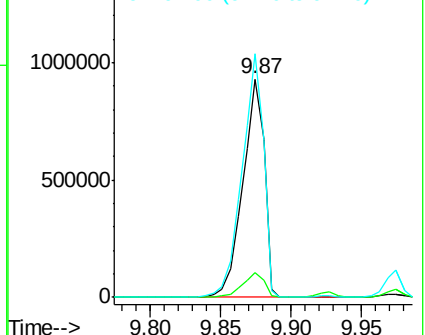
92 111.5 90.6 136.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 88.146 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

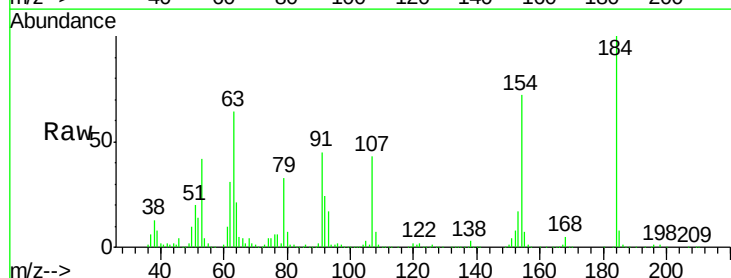
Tgt Ion:184 Resp: 373571

Ion Ratio Lower Upper

184 100

63 63.9 60.6 90.8

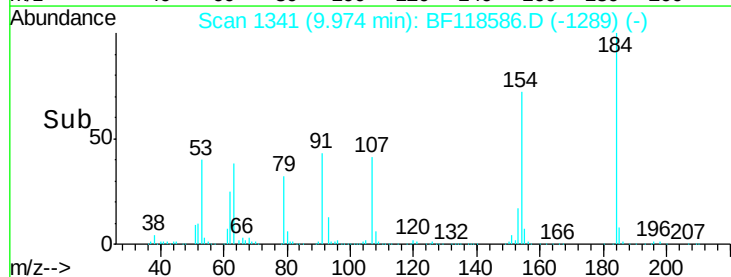
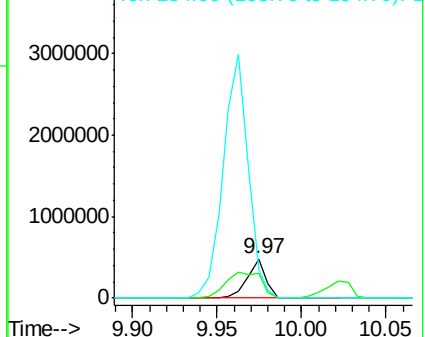
154 71.8 137.3 205.9#

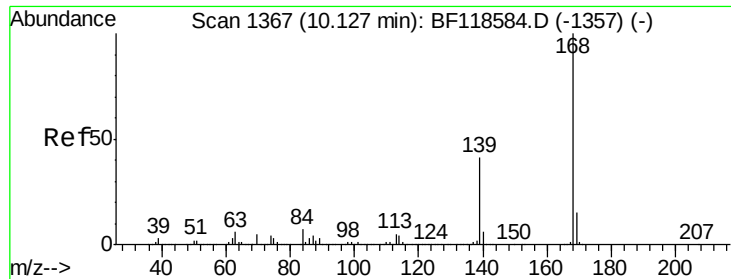


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

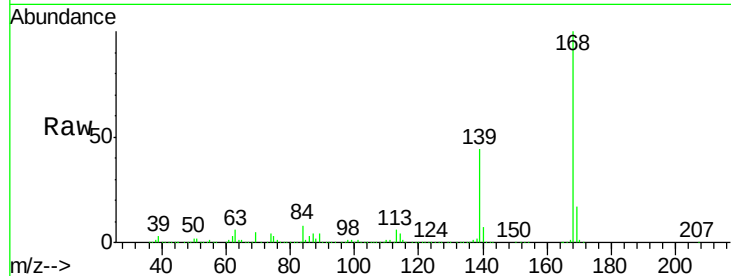




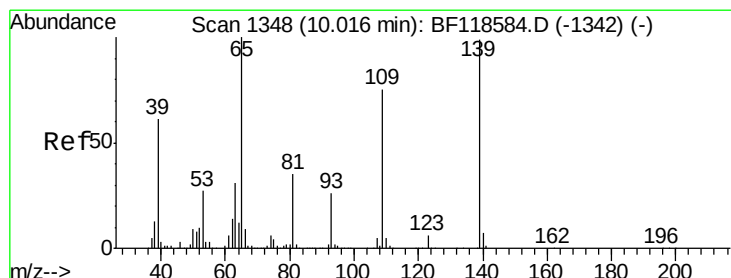
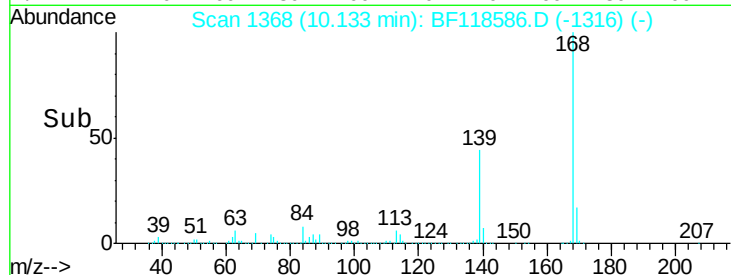
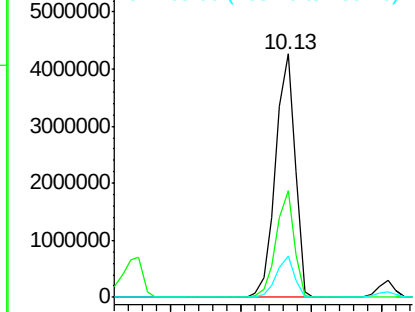
#55
Dibenzofuran
Concen: 54.697 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 4148214
Ion Ratio Lower Upper
168 100
139 43.6 32.7 49.1
169 17.0 12.2 18.2

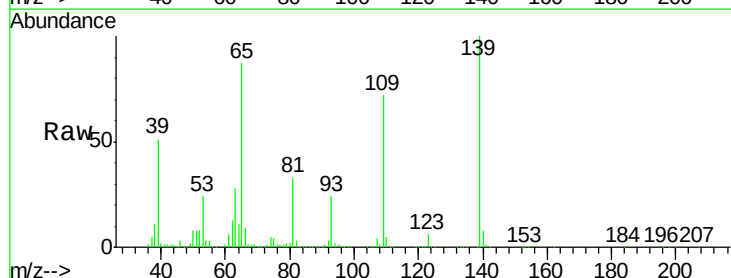


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

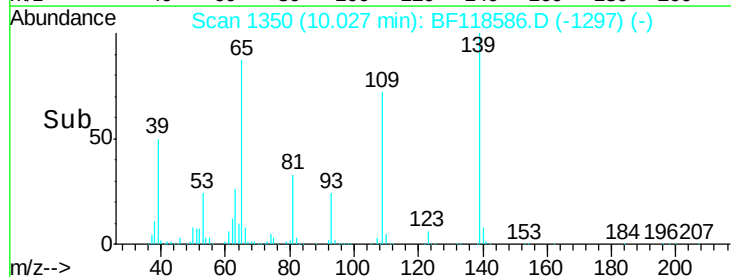
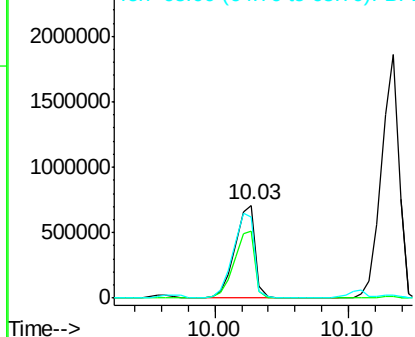


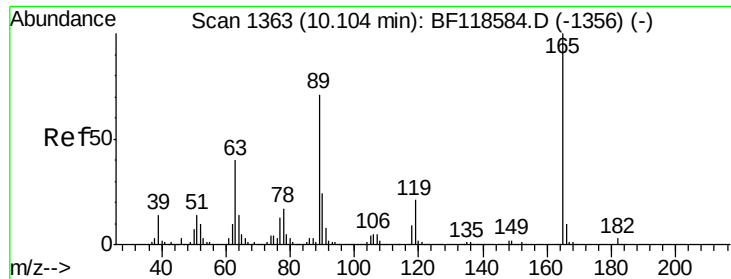
#56
4-Nitrophenol
Concen: 71.431 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:139 Resp: 753342
Ion Ratio Lower Upper
139 100
109 71.9 56.0 96.0
65 87.4 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

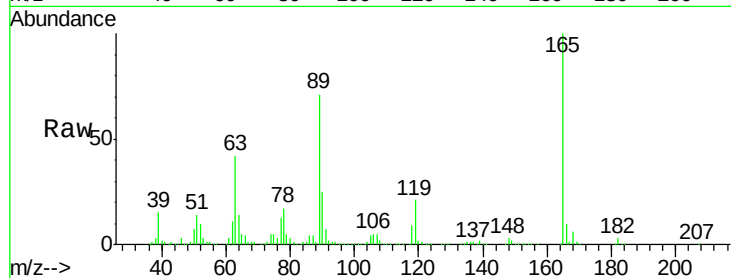




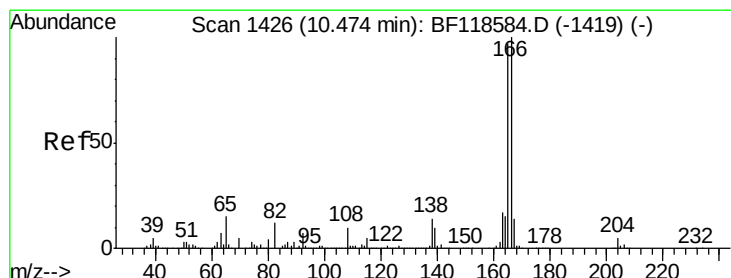
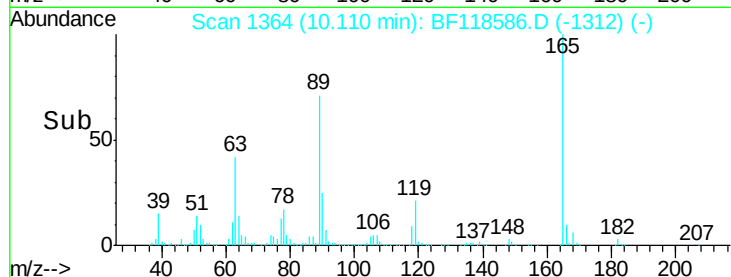
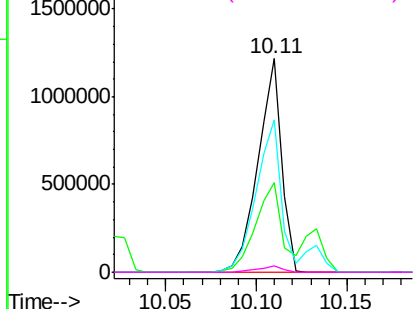
#57
2,4-Dinitrotoluene
Concen: 72.218 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1106010
Ion Ratio Lower Upper
165 100
63 41.9 32.4 48.6
89 71.5 56.4 84.6
182 2.8 2.3 3.5

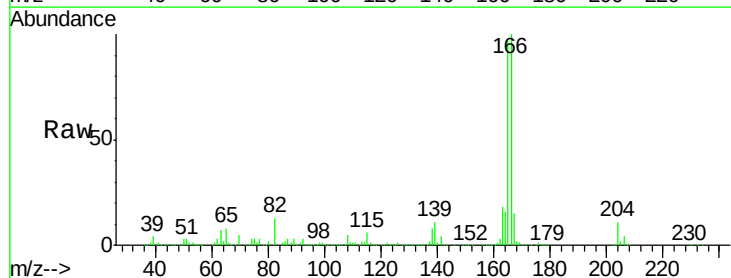


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

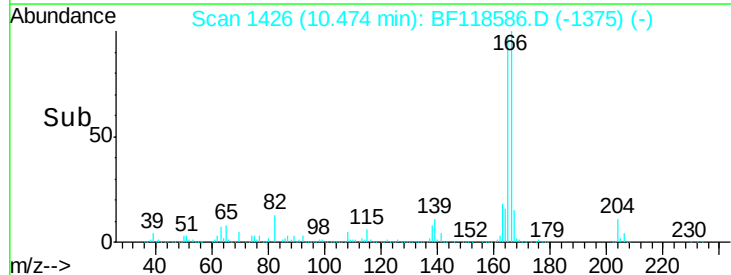
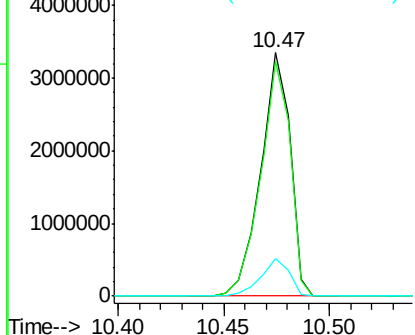


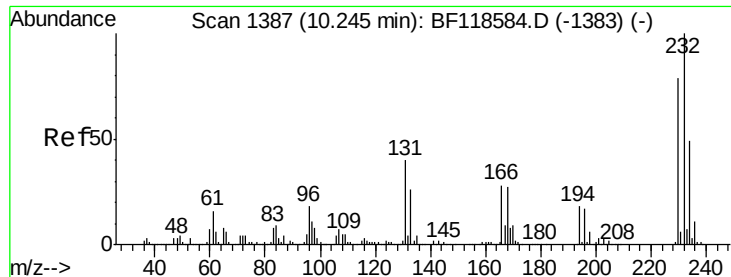
#58
Fluorene
Concen: 55.458 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:166 Resp: 3257015
Ion Ratio Lower Upper
166 100
165 96.6 77.3 115.9
167 15.5 11.5 17.3



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

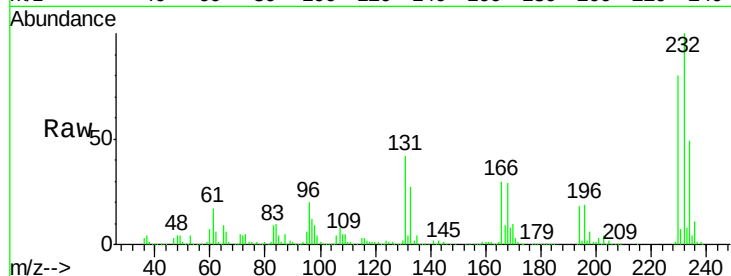




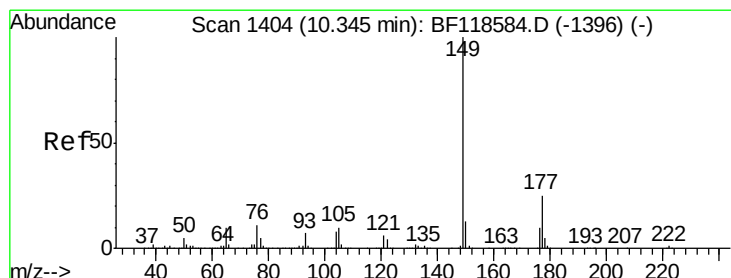
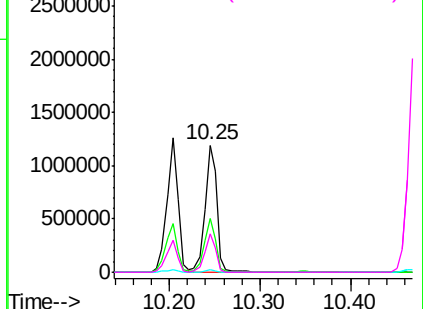
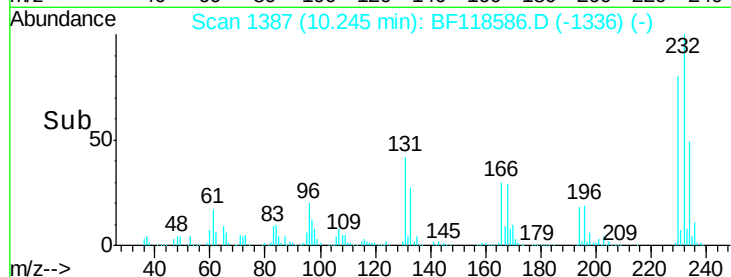
#59
2,3,4,6-Tetrachlorophenol
Concen: 64.494 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 1102838
Ion Ratio Lower Upper
232 100
131 40.7 33.2 49.8
130 2.1 1.8 2.6
166 28.2 22.6 33.8

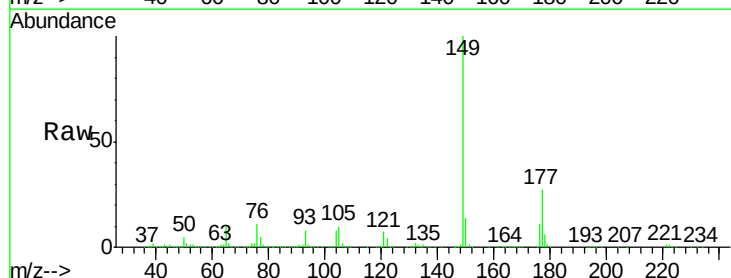


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

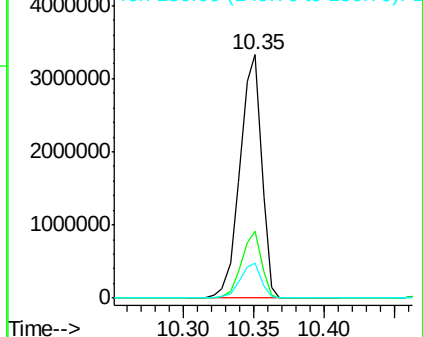
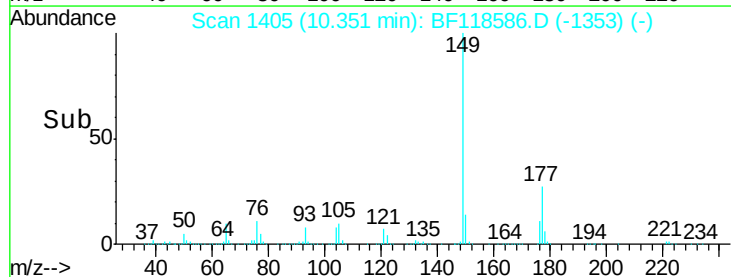


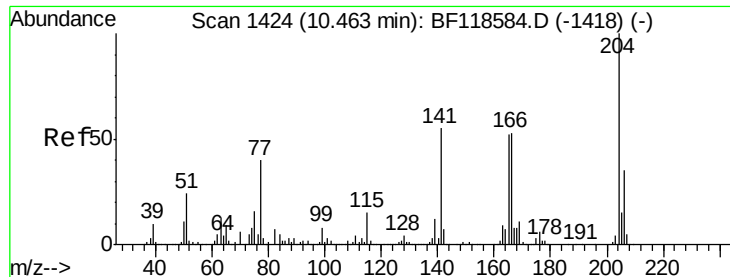
#60
Diethylphthalate
Concen: 55.009 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:149 Resp: 3547315
Ion Ratio Lower Upper
149 100
177 27.4 20.0 30.0
150 14.3 10.6 16.0



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

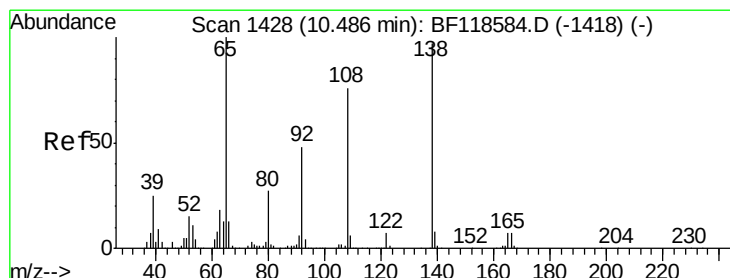
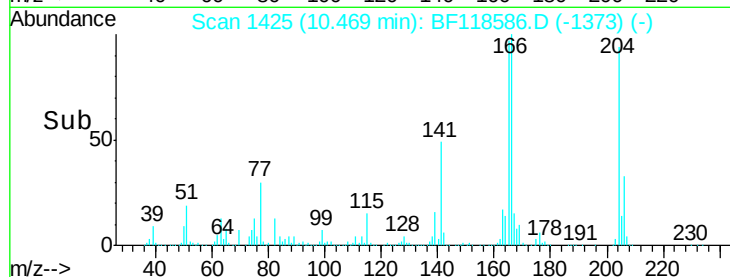
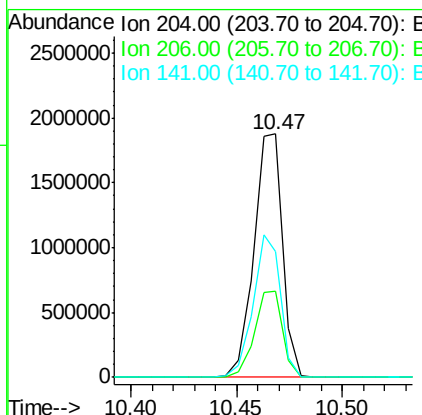
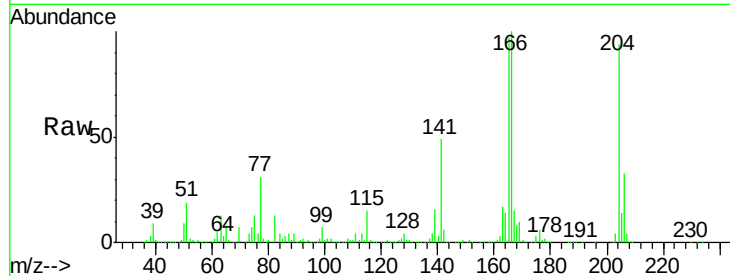




#61
 4-Chlorophenyl-phenylether
 Concen: 55.250 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

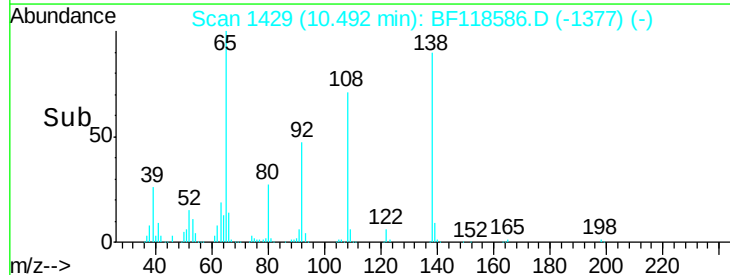
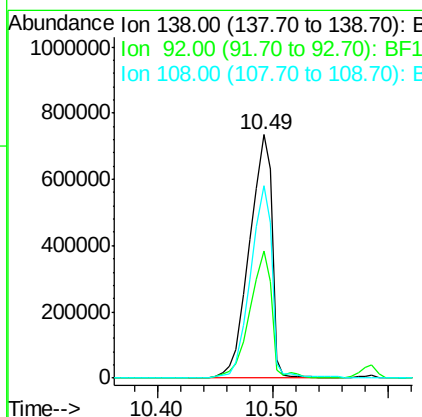
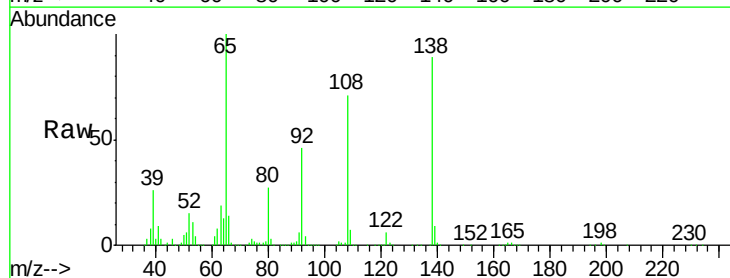
Instrument :
 BNA_F
 ClientSampled :

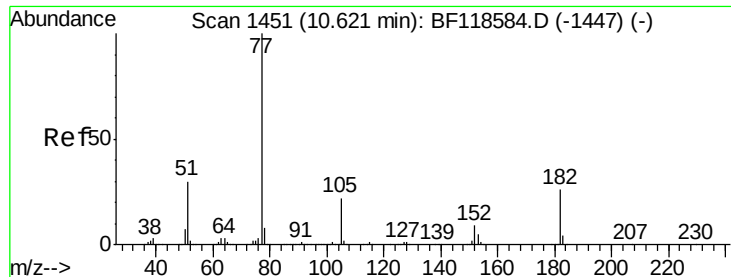
Tot Ion:204 Resp: 1775138
 Ion Ratio Lower Upper
 204 100
 206 35.3 27.8 41.6
 141 51.9 43.7 65.5



#62
 4-Nitroaniline
 Concen: 71.087 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:138 Resp: 1008000
 Ion Ratio Lower Upper
 138 100
 92 52.0 29.4 69.4
 108 78.9 58.2 98.2





#63

Azobenzene

Concen: 54.042 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

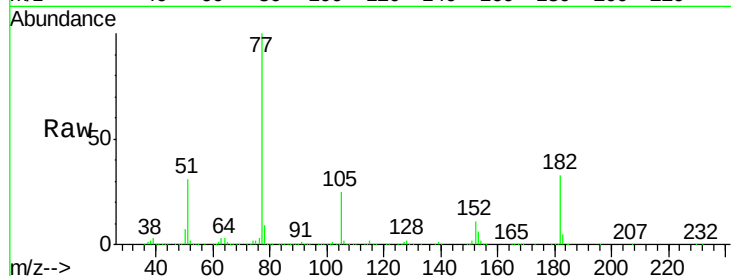
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3396545

Ion	Ratio	Lower	Upper
77	100		
182	33.3	5.6	45.6
105	24.6	2.0	42.0
51	30.7	10.2	50.2

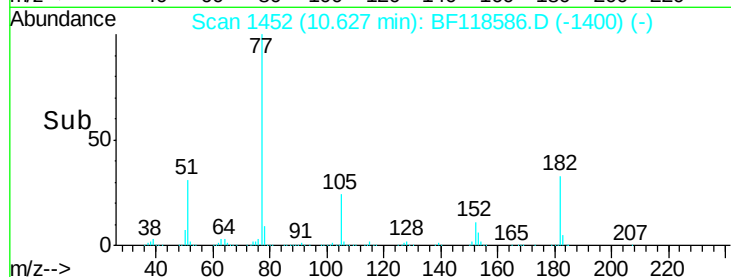


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

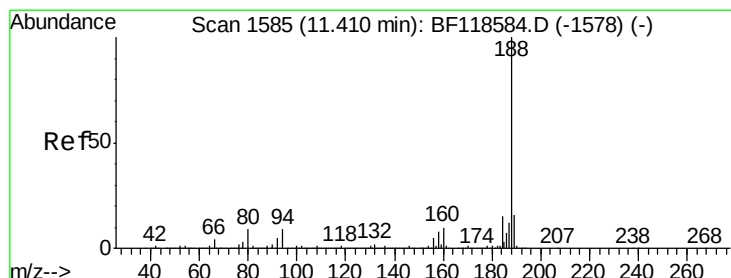
Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.63

10.60 10.65



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

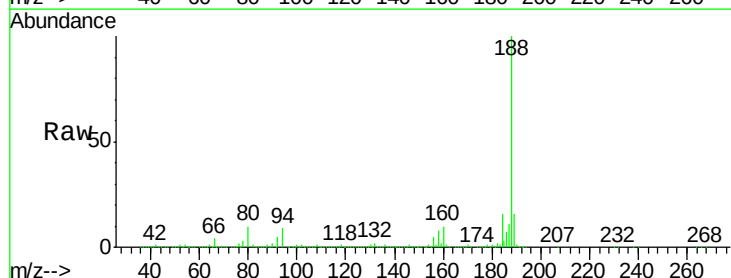
Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion: 188 Resp: 1760561

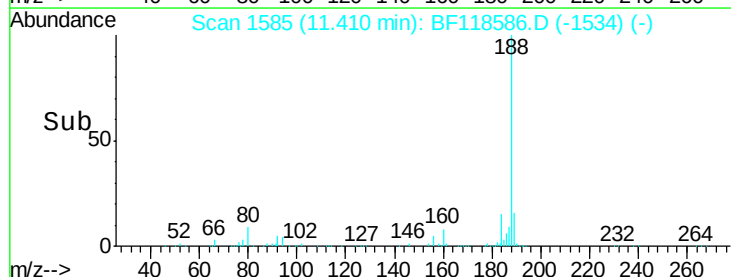
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.0	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

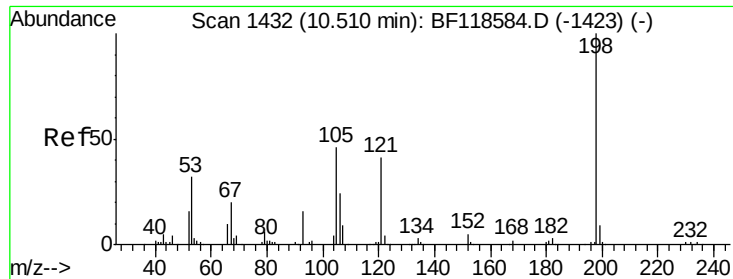
Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.41

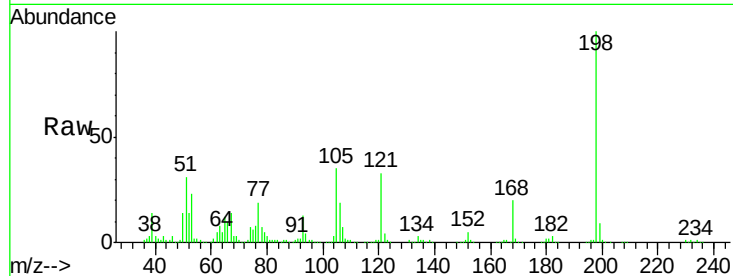
11.35 11.45



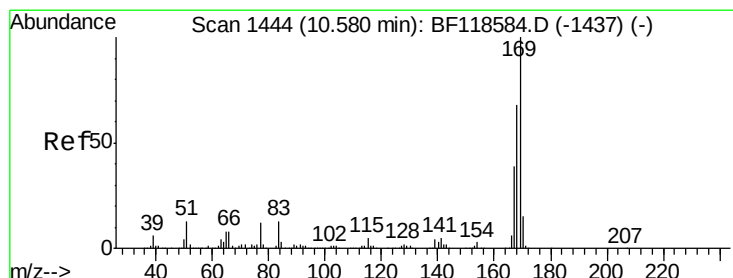
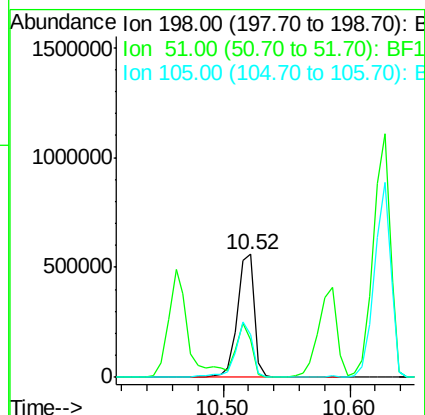
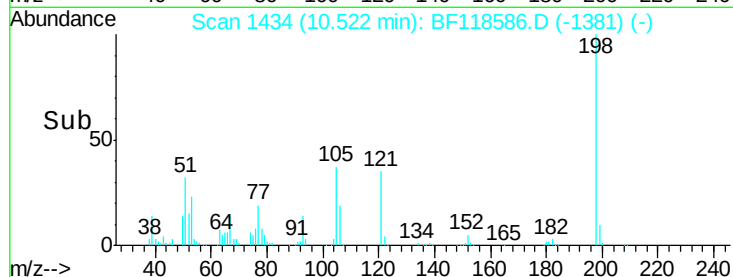
#65
4,6-Dinitro-2-methylphenol
Concen: 81.192 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 511626
Ion Ratio Lower Upper
198 100
51 30.6 25.2 65.2
105 35.0 26.3 66.3

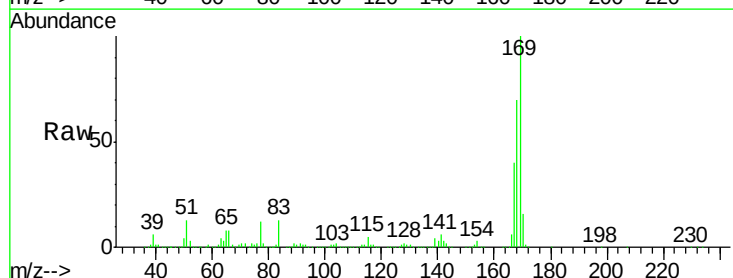


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

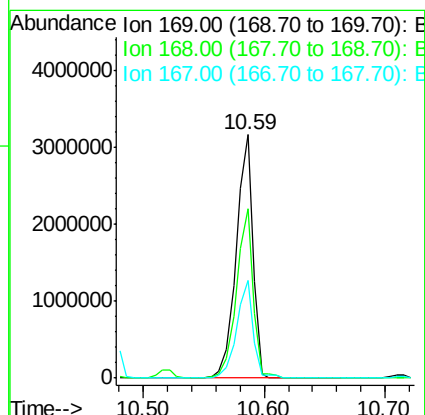
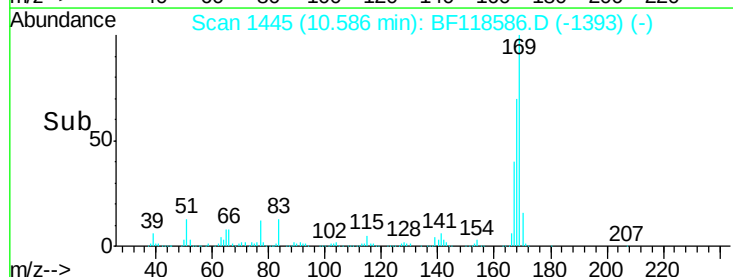


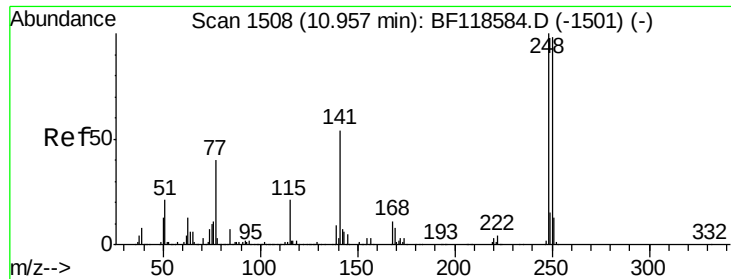
#66
n-Nitrosodiphenylamine
Concen: 53.967 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:169 Resp: 3052923
Ion Ratio Lower Upper
169 100
168 69.8 54.6 82.0
167 40.2 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

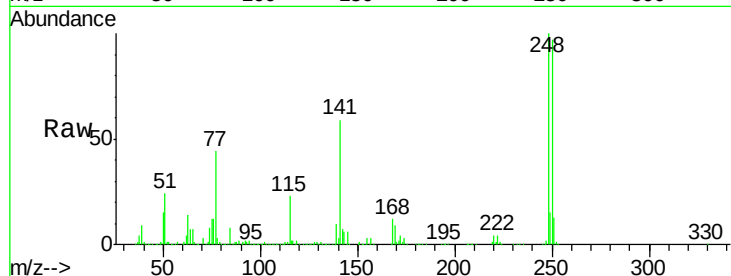




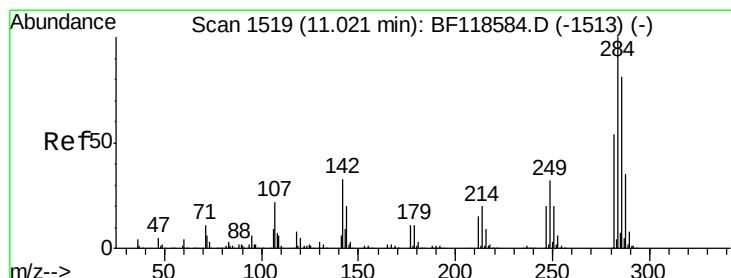
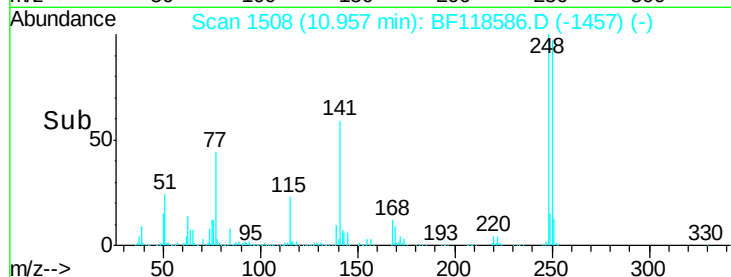
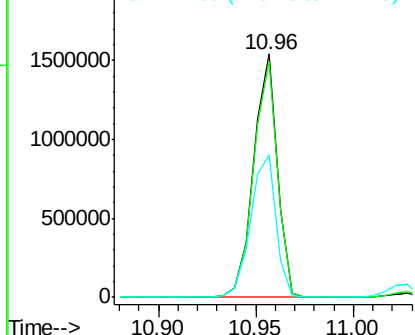
#67
4-Bromophenyl-phenylether
Concen: 54.959 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 1295230
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 58.7 43.2 64.8

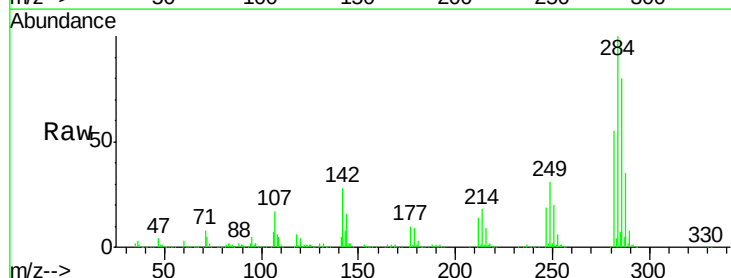


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

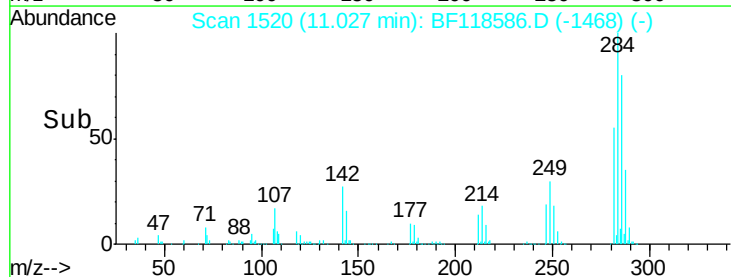
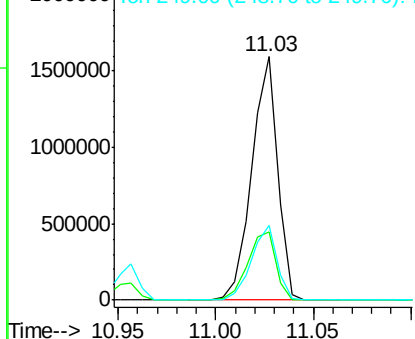


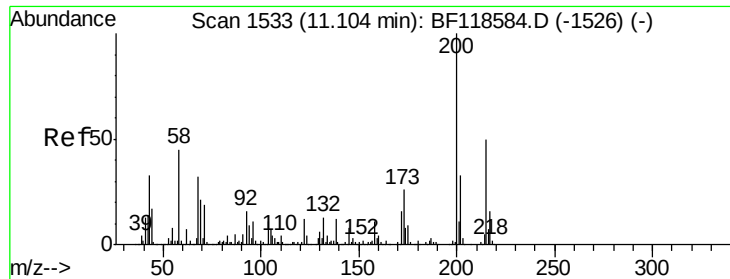
#68
Hexachlorobenzene
Concen: 55.848 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:284 Resp: 1458540
Ion Ratio Lower Upper
284 100
142 28.0 26.6 39.8
249 30.6 25.2 37.8



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

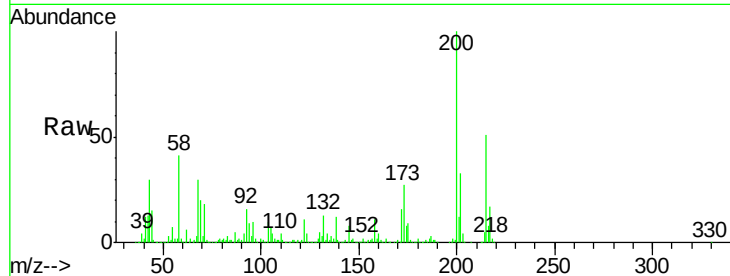




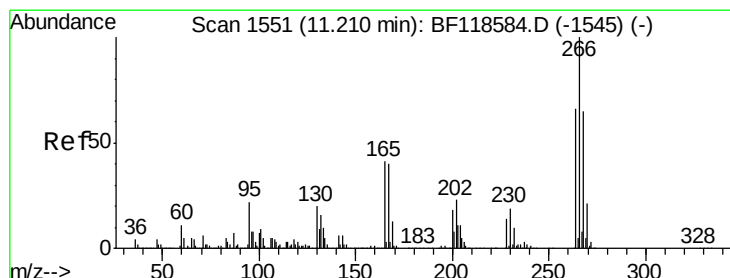
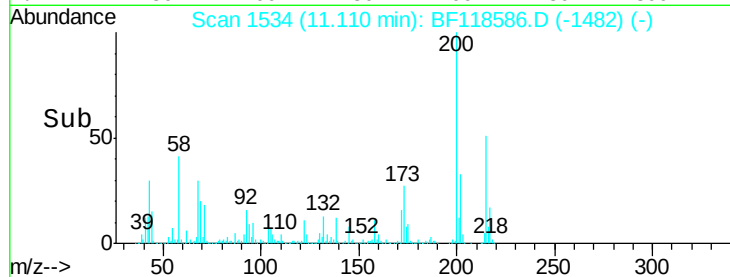
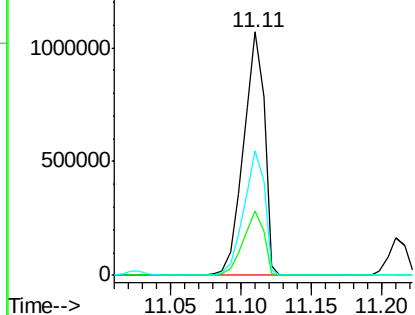
#69
Atrazine
Concen: 67.642 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 1104245
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 51.1 30.2 70.2

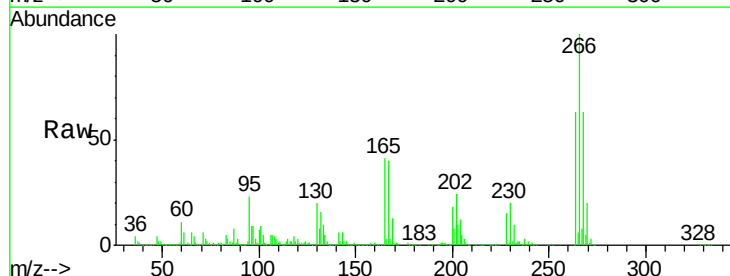


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

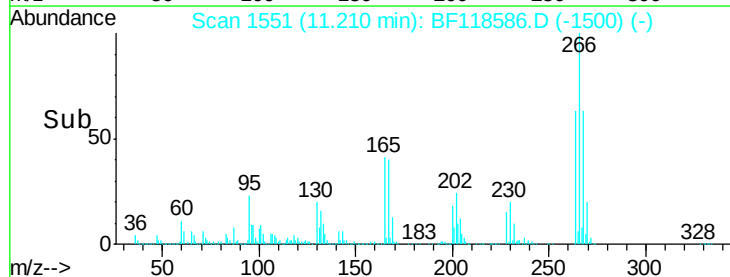
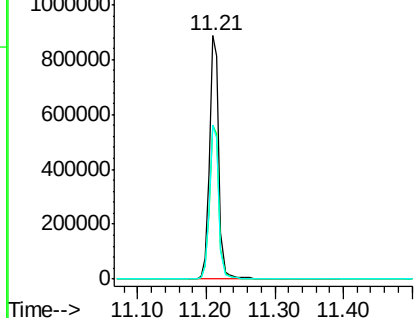


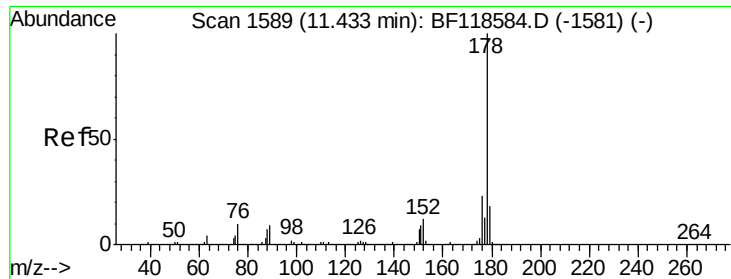
#70
Pentachlorophenol
Concen: 67.350 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:266 Resp: 864441
Ion Ratio Lower Upper
266 100
268 63.3 52.1 78.1
264 63.3 52.4 78.6



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

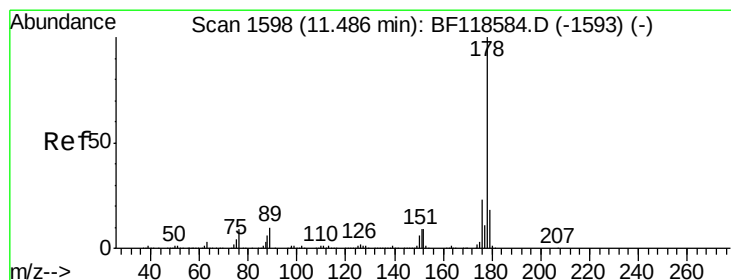
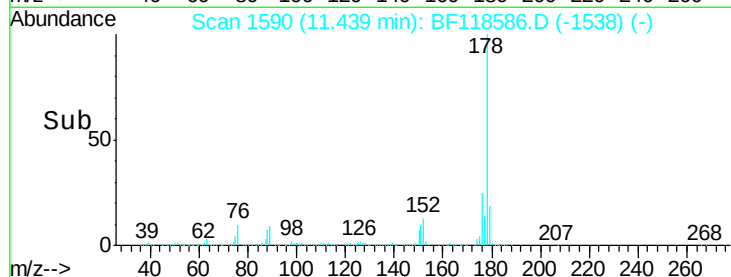
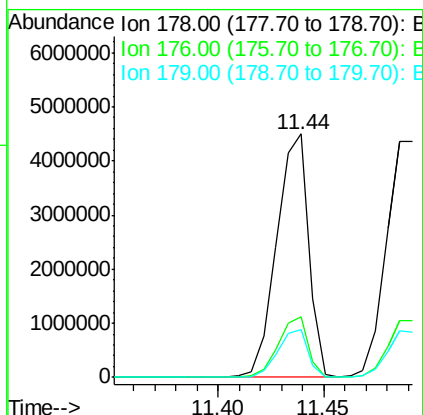
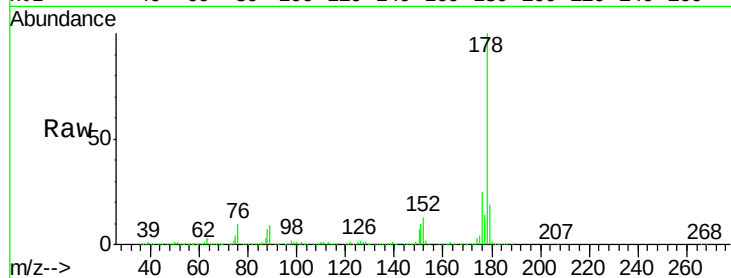




#71
Phenanthrene
Concen: 53.649 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

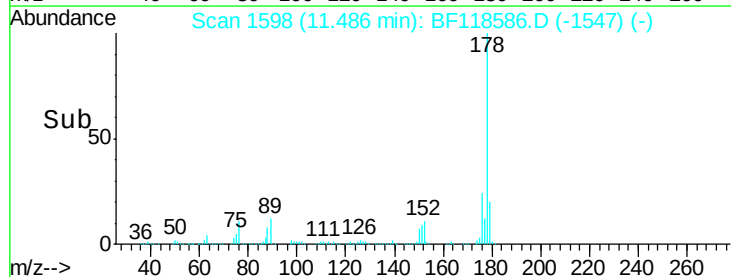
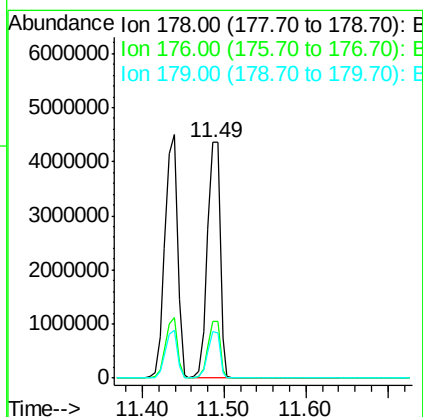
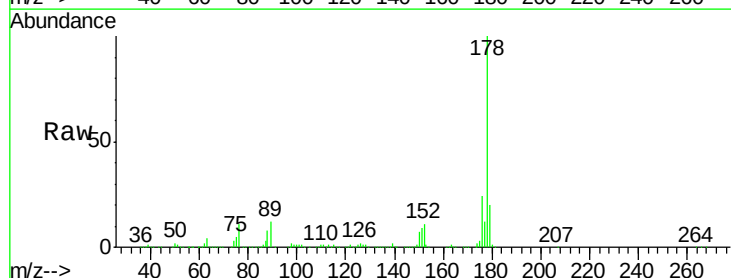
Instrument :
BNA_F
ClientSampleId :

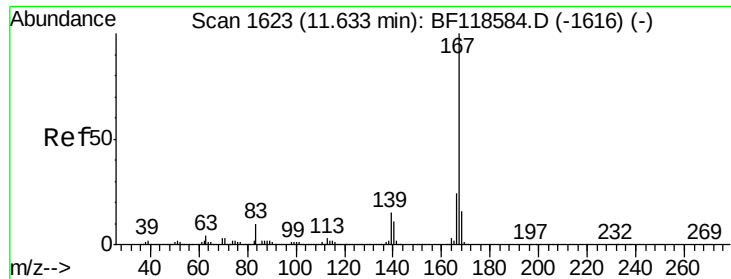
Tot Ion:178 Resp: 4747625
Ion Ratio Lower Upper
178 100
176 25.0 18.6 27.8
179 19.4 14.7 22.1



#72
Anthracene
Concen: 53.054 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:178 Resp: 4684195
Ion Ratio Lower Upper
178 100
176 24.0 18.0 27.0
179 19.9 14.7 22.1

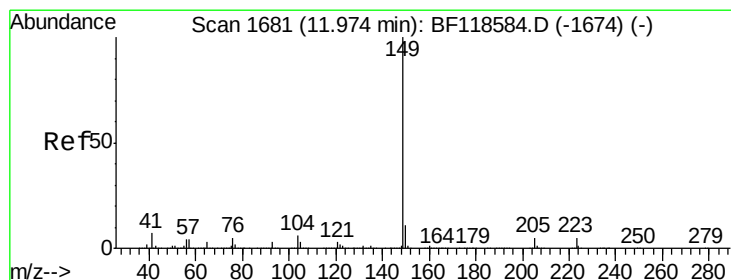
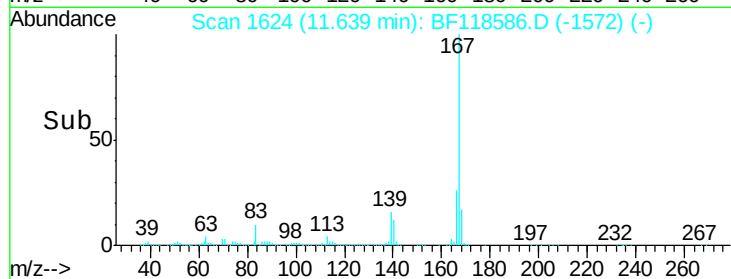
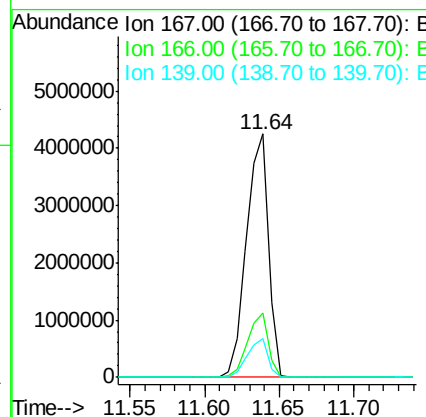
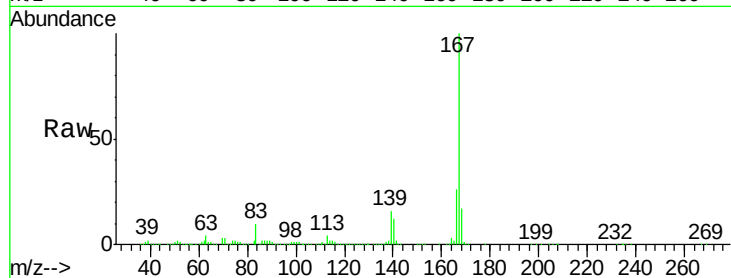




#73
 Carbazole
 Concen: 54.744 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

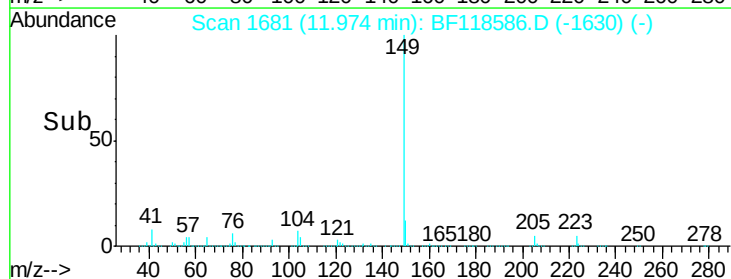
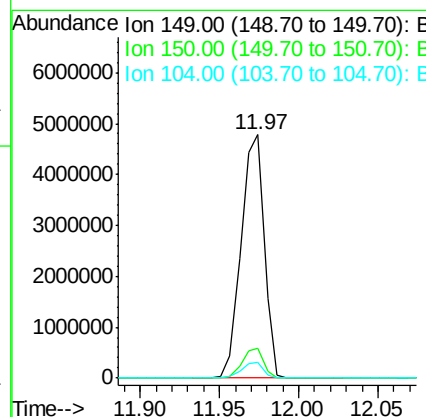
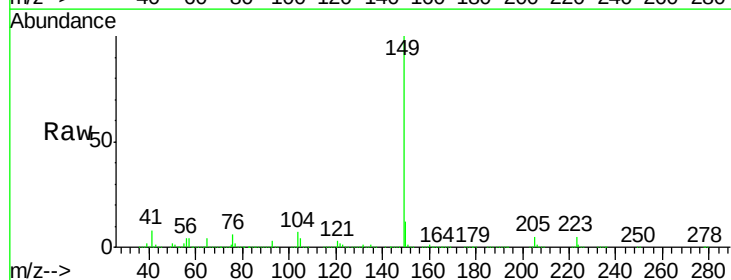
Instrument :
 BNA_F
 ClientSampleId :

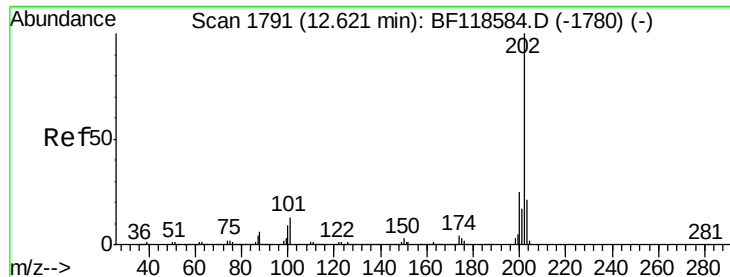
Tot Ion:167 Resp: 4359184
 Ion Ratio Lower Upper
 167 100
 166 26.4 19.4 29.2
 139 15.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 48.742 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118586.D
 Acq: 20 Jan 2020 12:32

Tgt Ion:149 Resp: 4823273
 Ion Ratio Lower Upper
 149 100
 150 12.2 8.7 13.1
 104 6.5 4.6 6.8





#75

Fluoranthene

Concen: 52.300 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

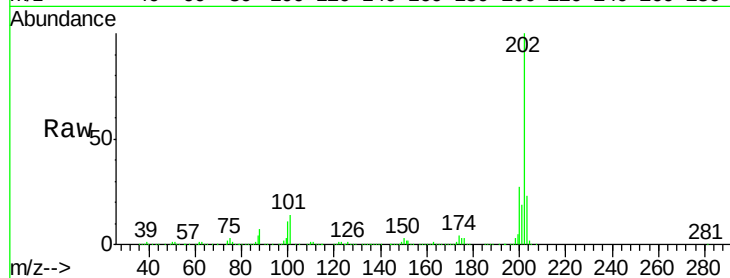
Tot Ion:202 Resp: 4977223

Ion Ratio Lower Upper

202 100

101 14.4 0.0 32.5

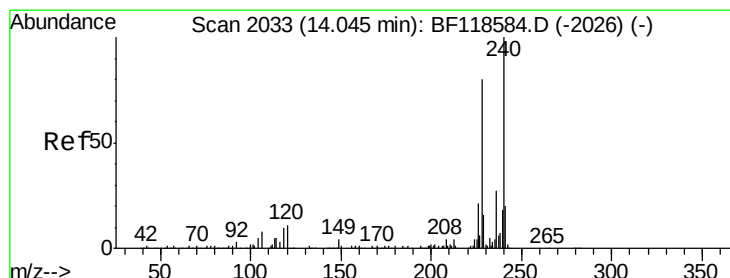
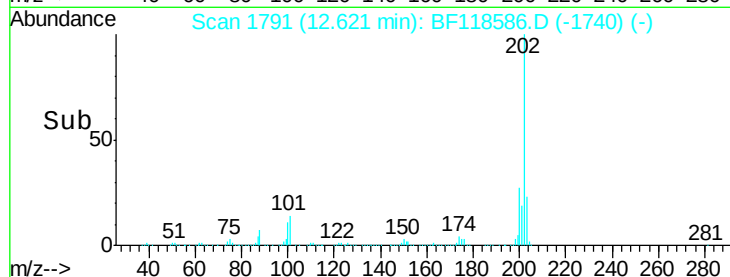
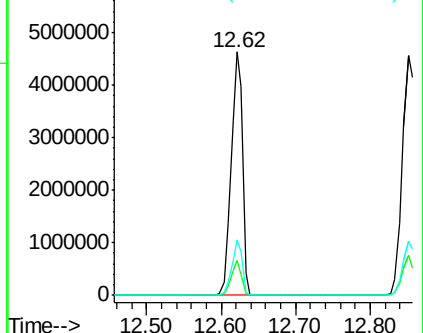
203 22.8 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

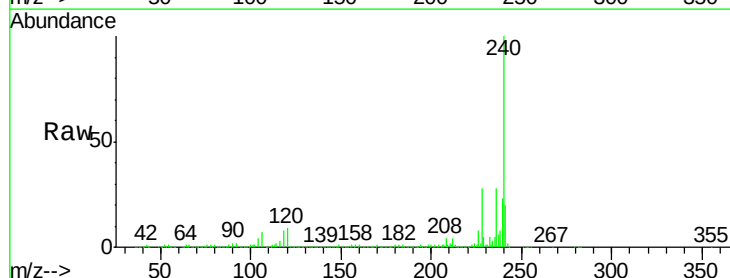
Tgt Ion:240 Resp: 1294854

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

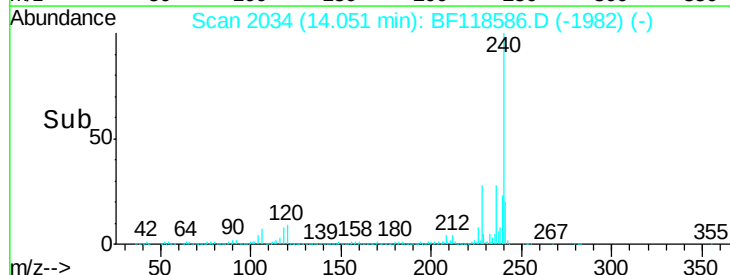
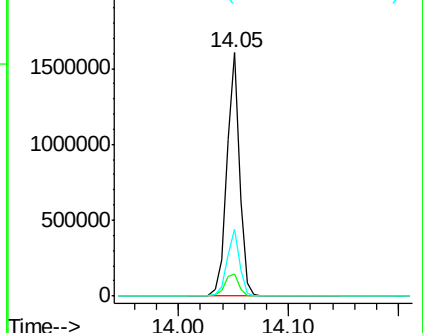
236 27.7 21.5 32.3

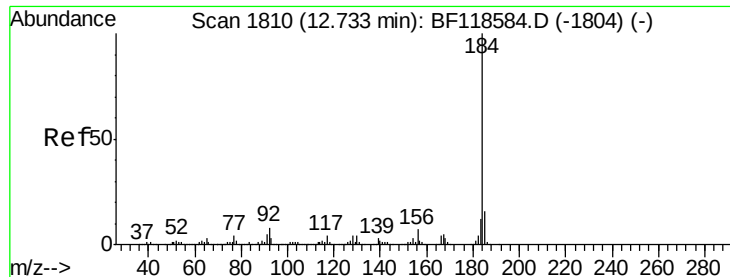


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.041 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampled :

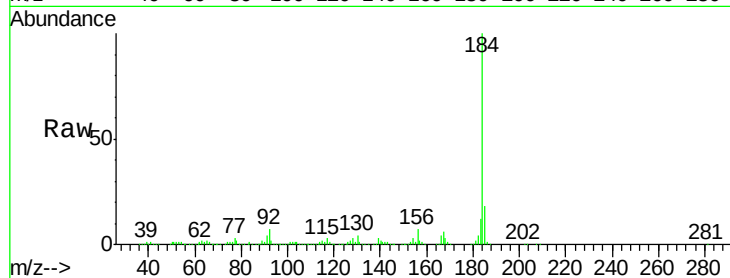
Tot Ion:184 Resp: 2109109

Ion Ratio Lower Upper

184 100

185 18.2 12.9 19.3

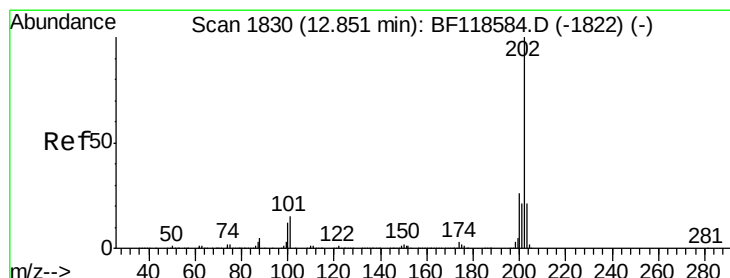
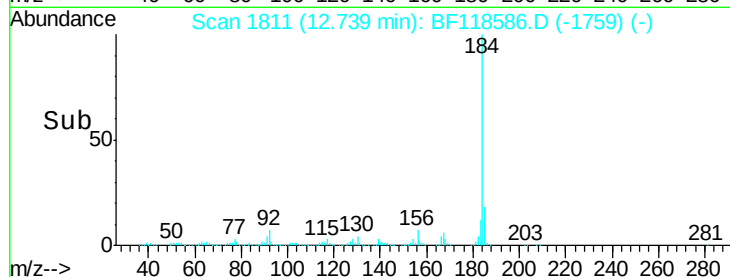
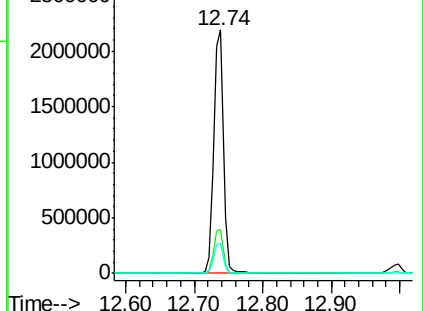
183 12.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.219 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

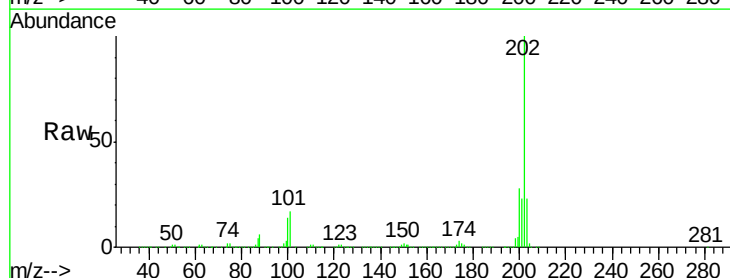
Tgt Ion:202 Resp: 5046562

Ion Ratio Lower Upper

202 100

200 27.5 20.6 31.0

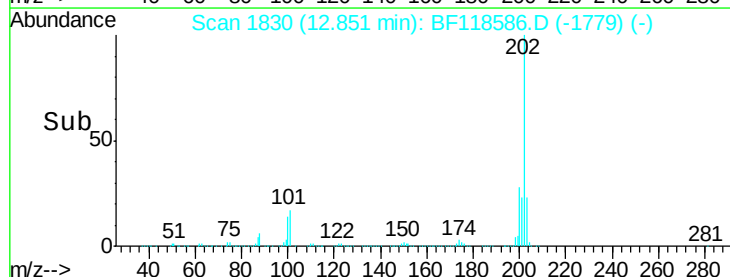
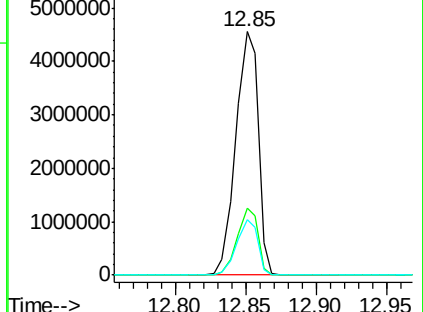
203 22.8 16.8 25.2

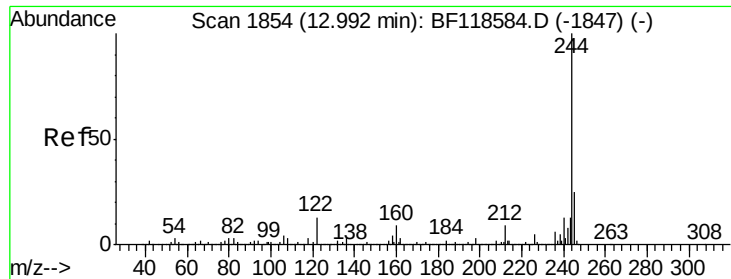


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.597 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

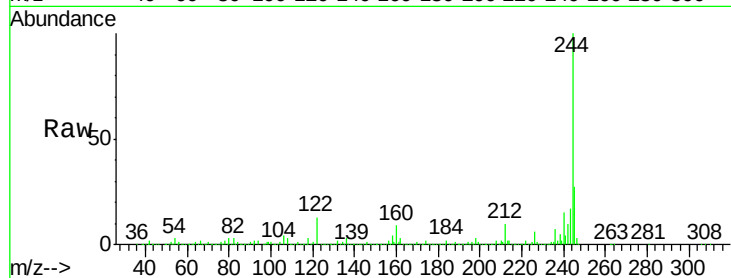
Tot Ion:244 Resp: 6530004

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.4

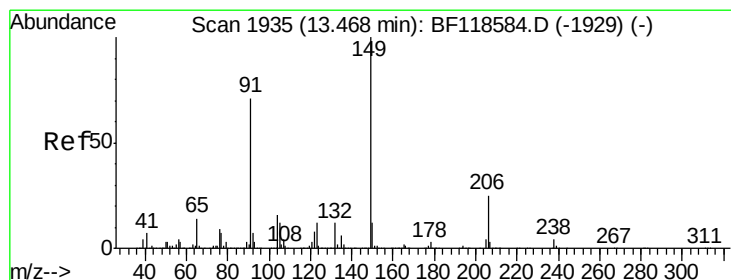
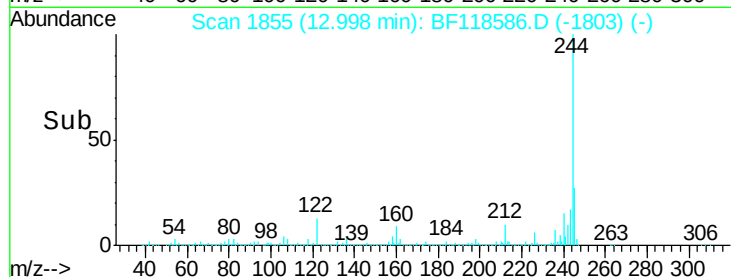
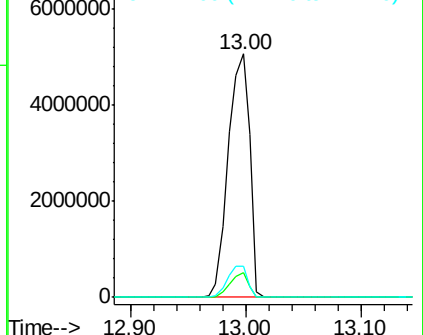
122 12.9 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.159 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

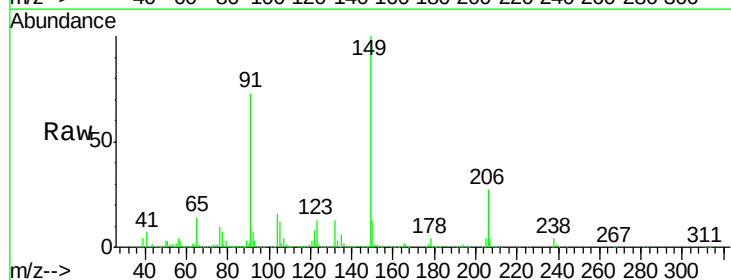
Tgt Ion:149 Resp: 2202202

Ion Ratio Lower Upper

149 100

91 72.6 56.5 84.7

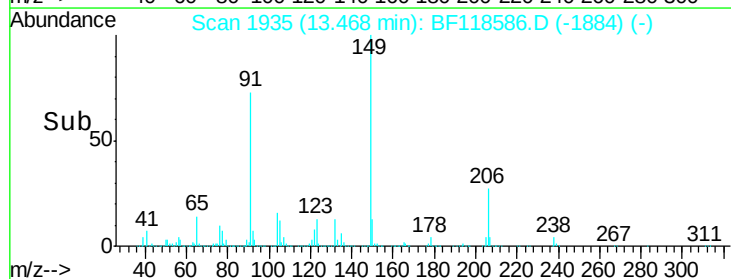
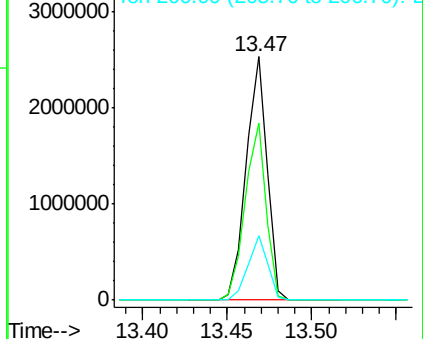
206 26.5 19.9 29.9

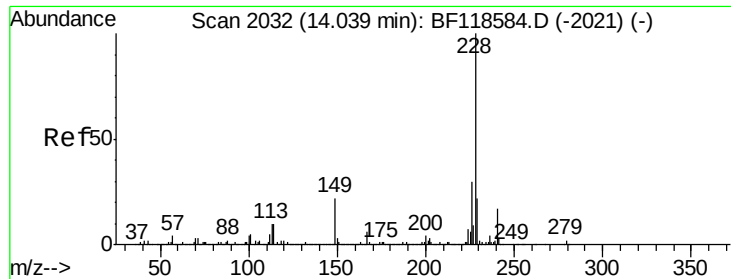


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

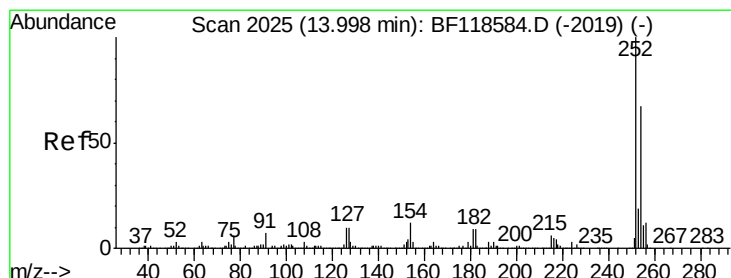
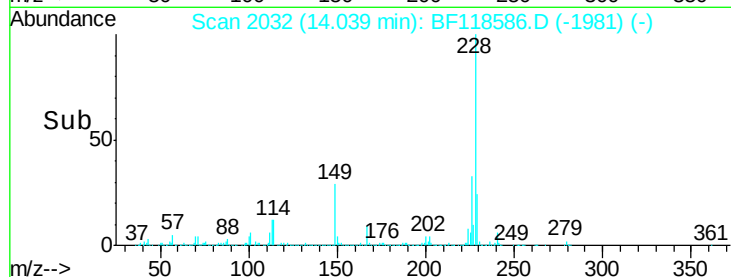
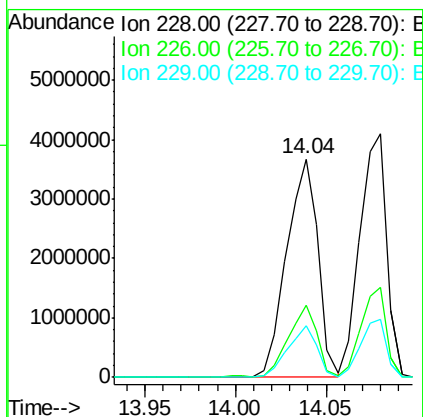
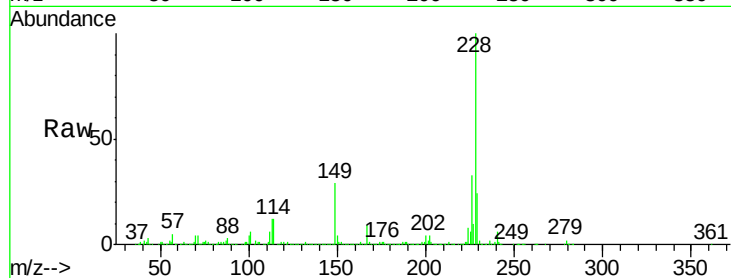




#81
Benzo(a)anthracene
Concen: 54.264 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

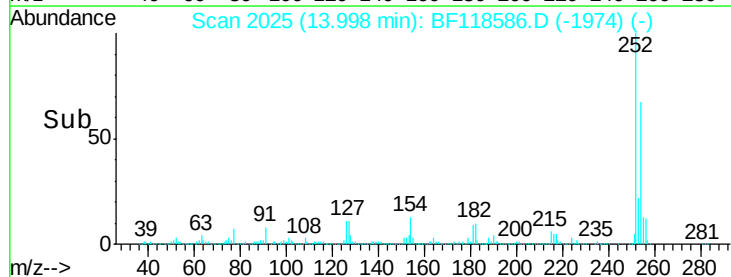
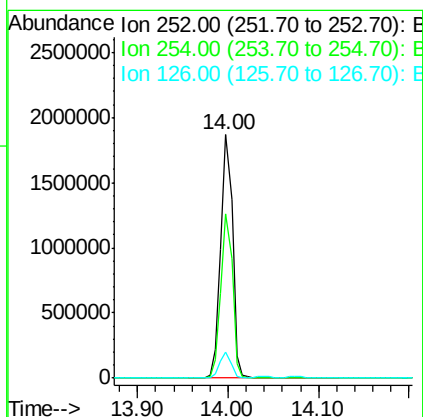
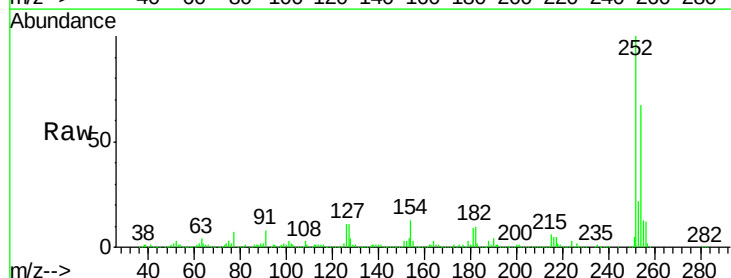
Instrument :
BNA_F
ClientSampleId :

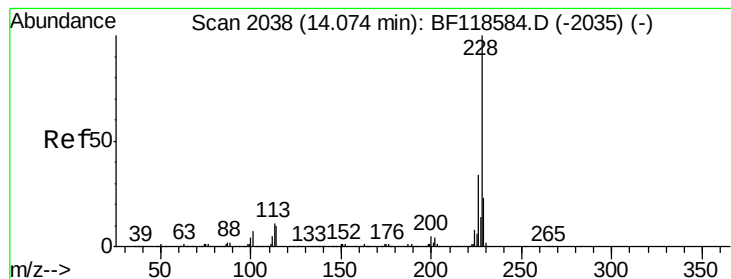
Tot Ion:228 Resp: 4435116
Ion Ratio Lower Upper
228 100
226 32.9 24.1 36.1
229 23.6 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 58.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:252 Resp: 1663173
Ion Ratio Lower Upper
252 100
254 67.3 53.4 80.2
126 10.9 8.0 12.0





#83

Chrysene

Concen: 53.744 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

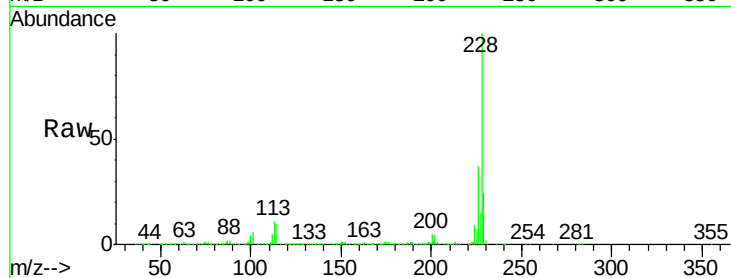
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 4225129

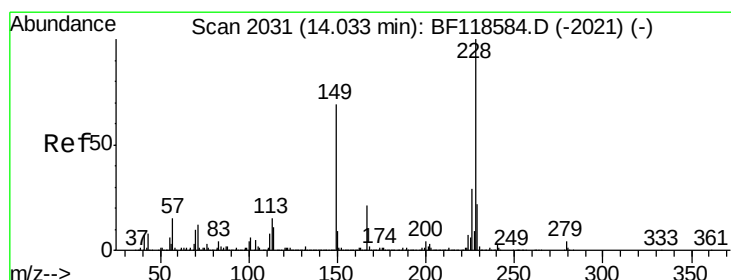
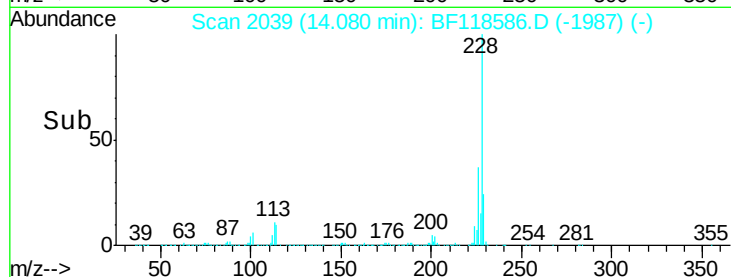
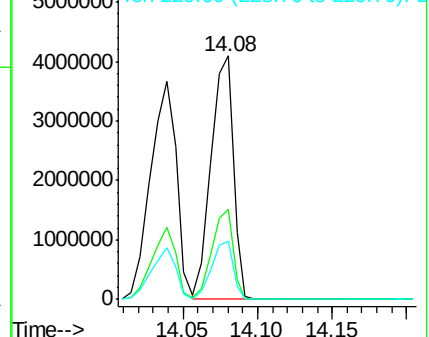
Ion	Ratio	Lower	Upper
228	100		
226	37.1	27.4	41.0
229	24.0	18.3	27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.903 ng

RT: 14.03 min Scan# 2031

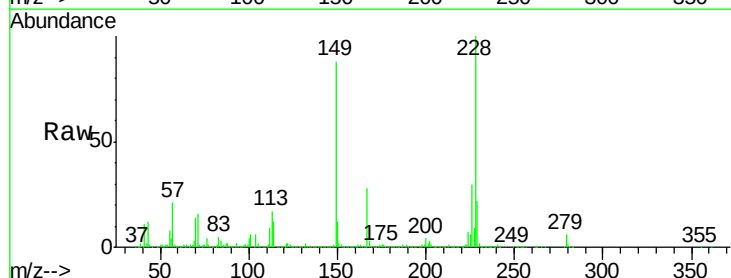
Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:149 Resp: 2565958

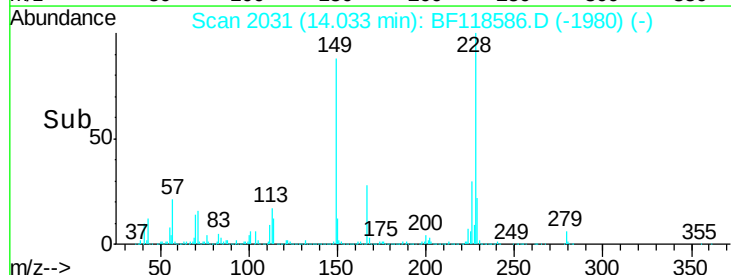
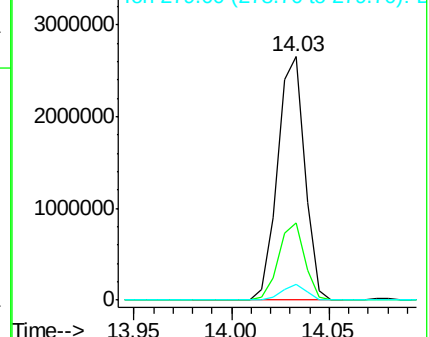
Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.2	36.4
279	6.6	5.0	7.4

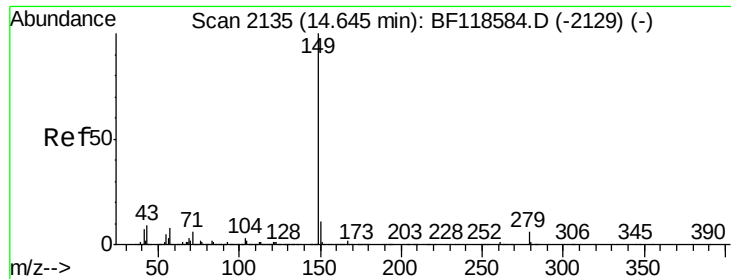


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.444 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Instrument :

BNA_F

ClientSampleId :

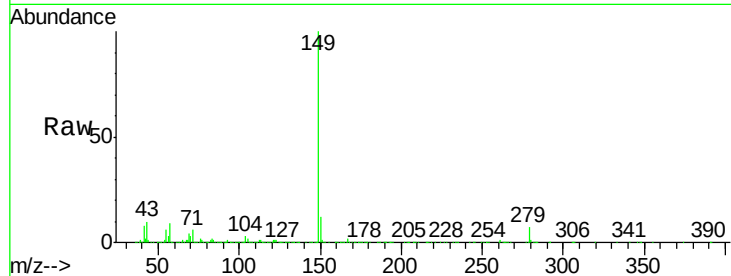
Tot Ion:149 Resp: 3893242

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

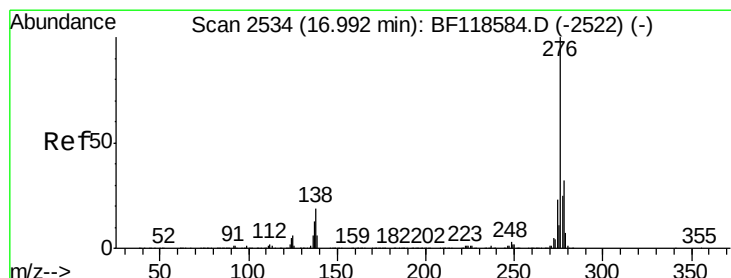
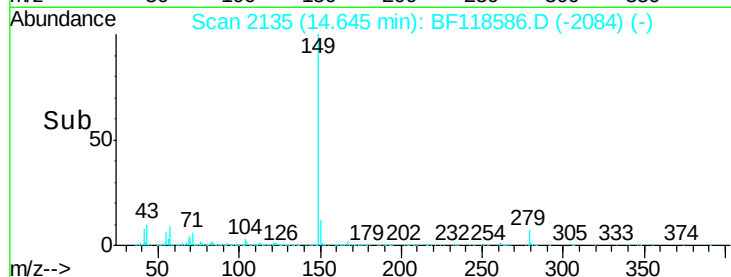
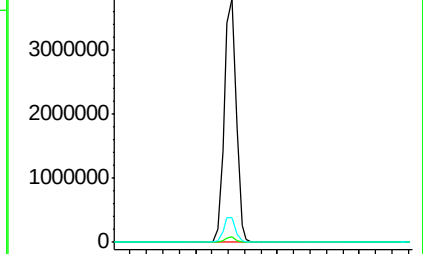
43 10.3 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.519 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

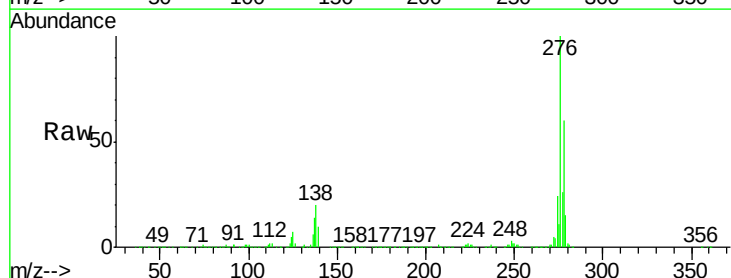
Tgt Ion:276 Resp: 3830931

Ion Ratio Lower Upper

276 100

138 21.7 17.2 25.8

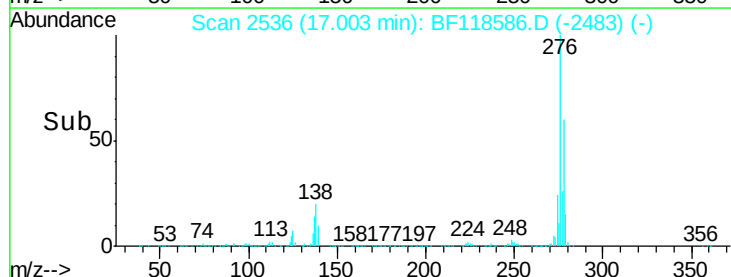
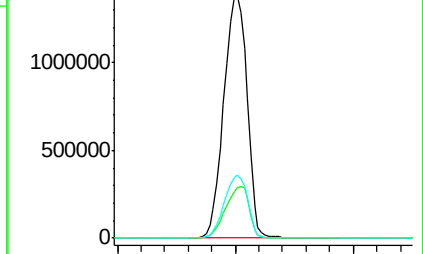
277 25.9 20.5 30.7

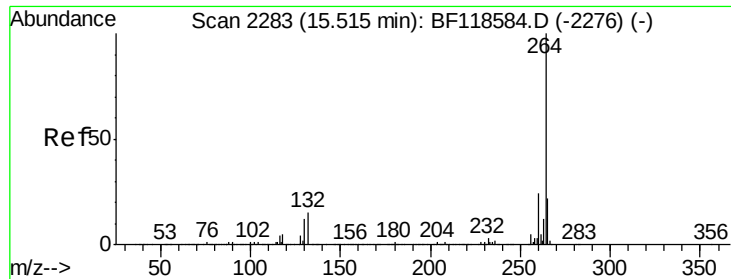


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



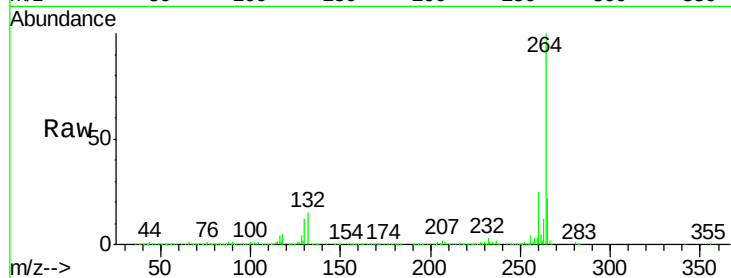


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

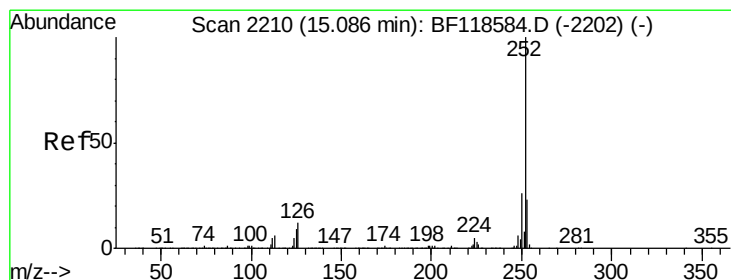
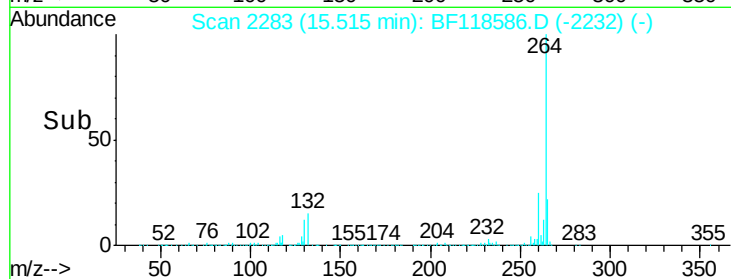
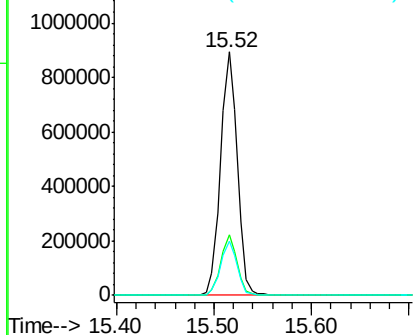
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1067686

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.2	17.7	26.5



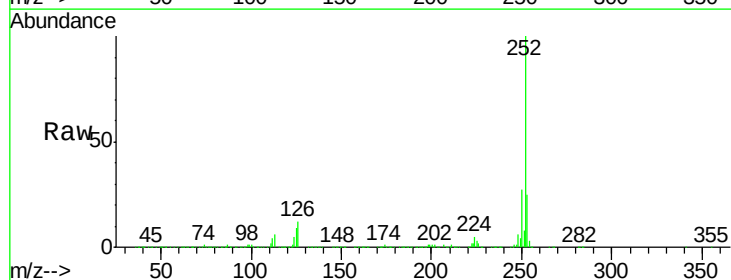
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



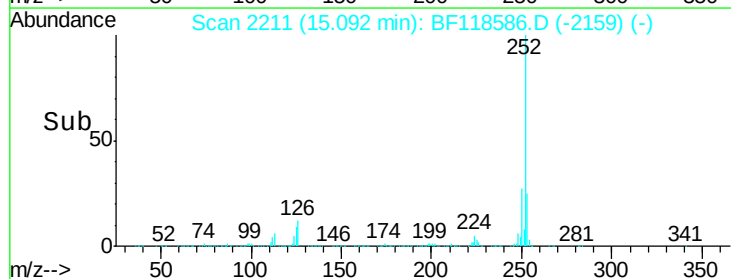
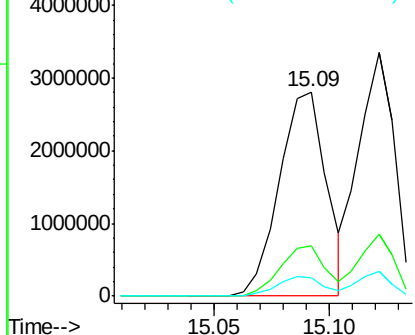
#88
Benzo(b)fluoranthene
Concen: 57.230 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

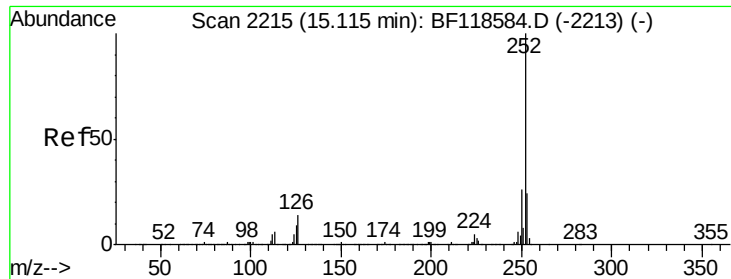
Tgt Ion:252 Resp: 3979668

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	9.0	7.3	10.9



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

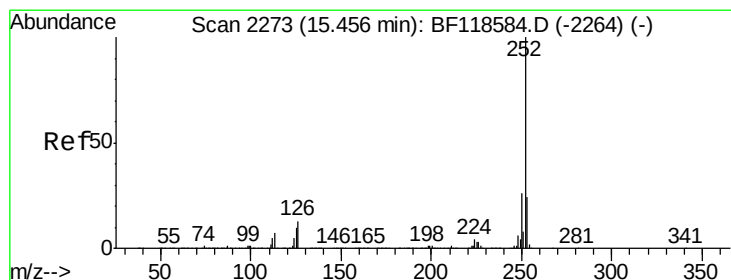
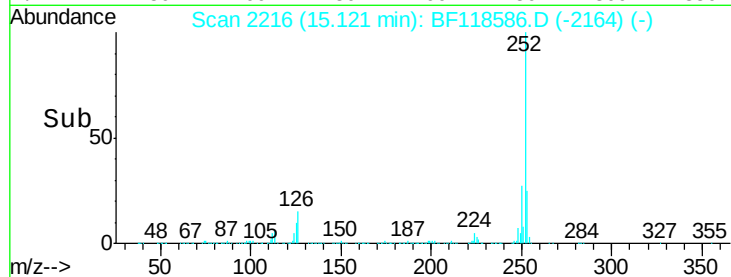
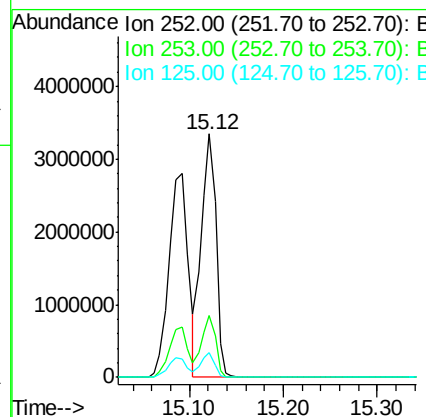
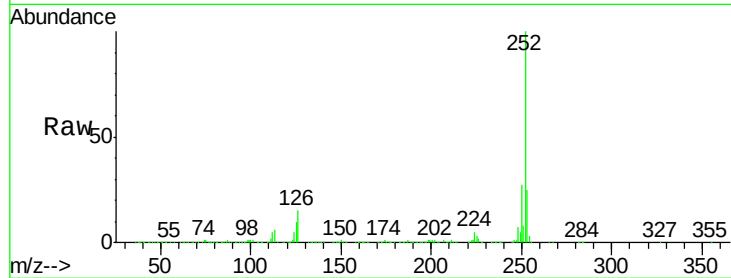




#89
Benzo(k)fluoranthene
Concen: 58.052 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

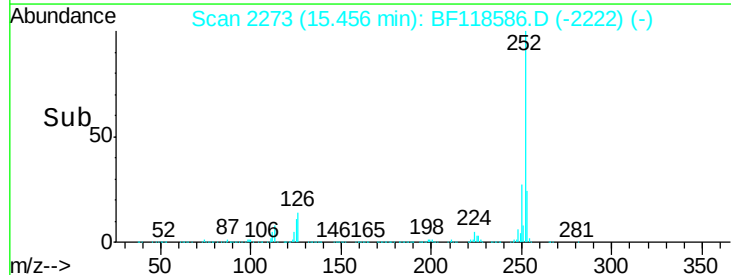
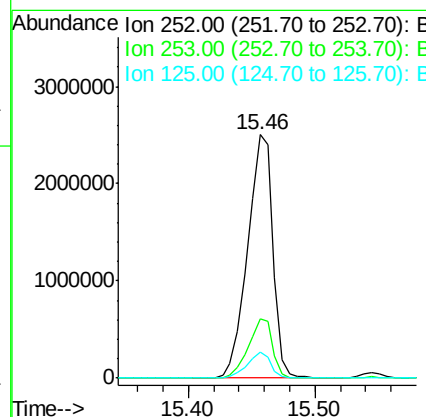
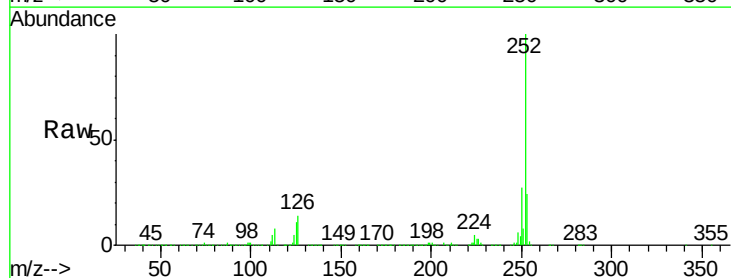
Instrument :
BNA_F
ClientSampleId :

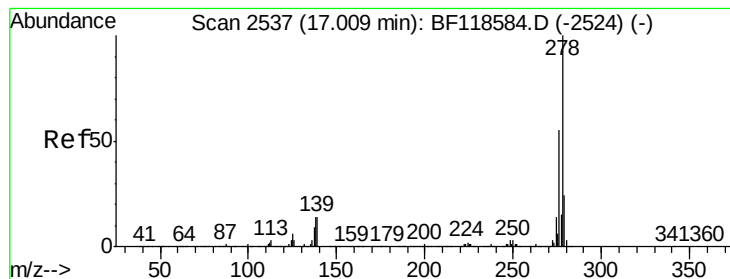
Tot Ion:252 Resp: 3648346
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.4
125 10.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 57.195 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118586.D
Acq: 20 Jan 2020 12:32

Tgt Ion:252 Resp: 3460761
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 10.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.288 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

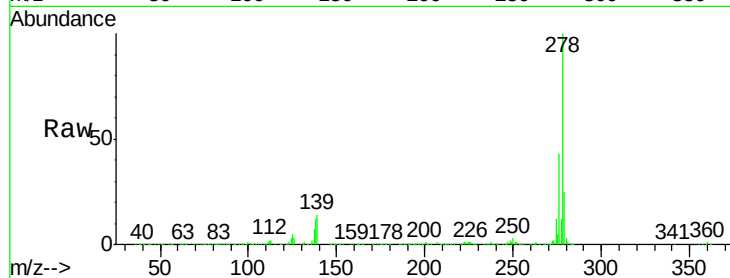
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 3124505

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.4	17.0
279	24.7	19.0	28.6

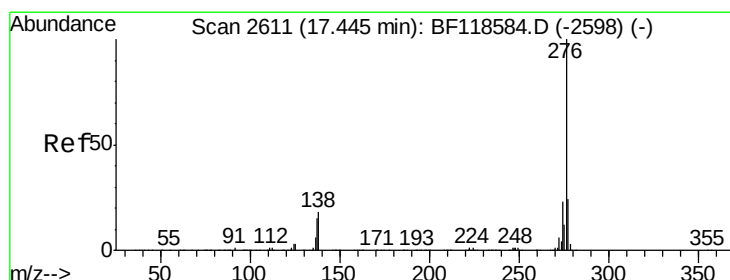
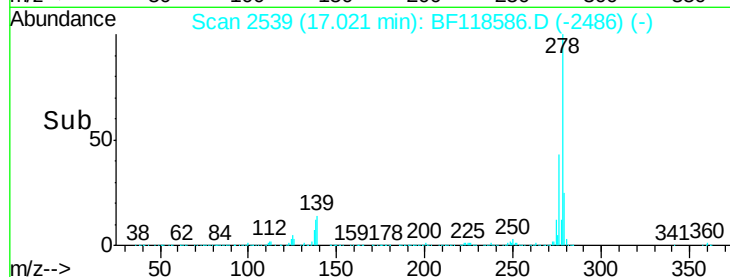
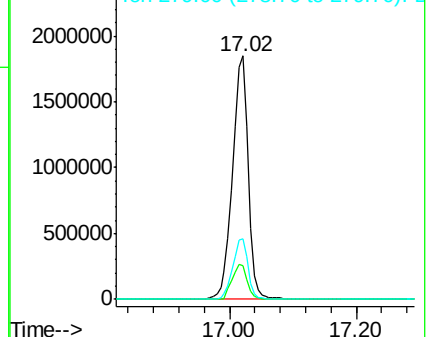


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.845 ng

RT: 17.45 min Scan# 2612

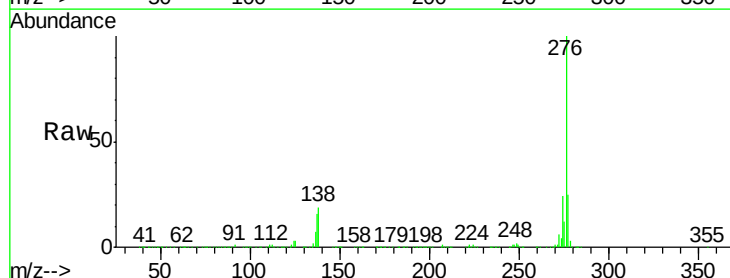
Delta R.T. 0.01 min

Lab File: BF118586.D

Acq: 20 Jan 2020 12:32

Tgt Ion:276 Resp: 3048521

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	18.9	14.4	21.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

