

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118714.D
 Acq On : 27 Jan 2020 12:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 27 14:29:57 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	306460	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1112322	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	621513	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1150246	20.00	ng	0.00
76) Chrysene-d12	14.02	240	880108	20.00	ng	0.00
87) Perylene-d12	15.48	264	879539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1372529	83.18	ng	0.00
7) Phenol-d6	6.49	99	1715568	79.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	1542549	77.57	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	619122	86.13	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2898633	76.66	ng	0.00
79) Terphenyl-d14	12.96	244	3535694	87.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	308809	38.639	ng	100
3) Pyridine	3.38	79	861091	38.227	ng	100
4) n-Nitrosodimethylamine	3.33	42	314084	32.523	ng	100
6) Aniline	6.52	93	1112462	39.393	ng	100
8) 2-Chlorophenol	6.65	128	763729	41.236	ng	100
9) Benzaldehyde	6.41	77	498376	38.210	ng	100
10) Phenol	6.50	94	947819	38.780	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	713962	39.372	ng	100
12) 1,3-Dichlorobenzene	6.80	146	904412	41.721	ng	100
13) 1,4-Dichlorobenzene	6.88	146	905438	41.609	ng	100
14) 1,2-Dichlorobenzene	7.03	146	834043	40.772	ng	100
15) Benzyl Alcohol	7.00	79	656252	38.586	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	886746	35.107	ng	100
17) 2-Methylphenol	7.11	107	623615	40.423	ng	100
18) Hexachloroethane	7.37	117	316688	40.135	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	509692	35.197	ng	100
20) 3+4-Methylphenols	7.26	107	754296	40.046	ng	100
22) Acetophenone	7.27	105	1024641	38.886	ng	100
24) Nitrobenzene	7.44	77	776806	38.149	ng	100
25) Isophorone	7.68	82	1372886	37.850	ng	100
26) 2-Nitrophenol	7.76	139	397585	45.787	ng	100
27) 2,4-Dimethylphenol	7.79	122	564475	37.646	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	908776	38.884	ng	100
29) 2,4-Dichlorophenol	8.00	162	679187	40.975	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	784142	40.800	ng	100
31) Naphthalene	8.17	128	2139224	42.574	ng	100
32) Benzoic acid	7.92	122	440322	39.128	ng	100
33) 4-Chloroaniline	8.21	127	949703	40.893	ng	100
34) Hexachlorobutadiene	8.29	225	485725	41.500	ng	100
35) Caprolactam	8.58	113	213073	39.280	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	668576	40.845	ng	100
37) 2-Methylnaphthalene	8.86	142	1474535	41.574	ng	100
38) 1-Methylnaphthalene	8.96	142	1387252	41.170	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	797065	40.987	ng	100

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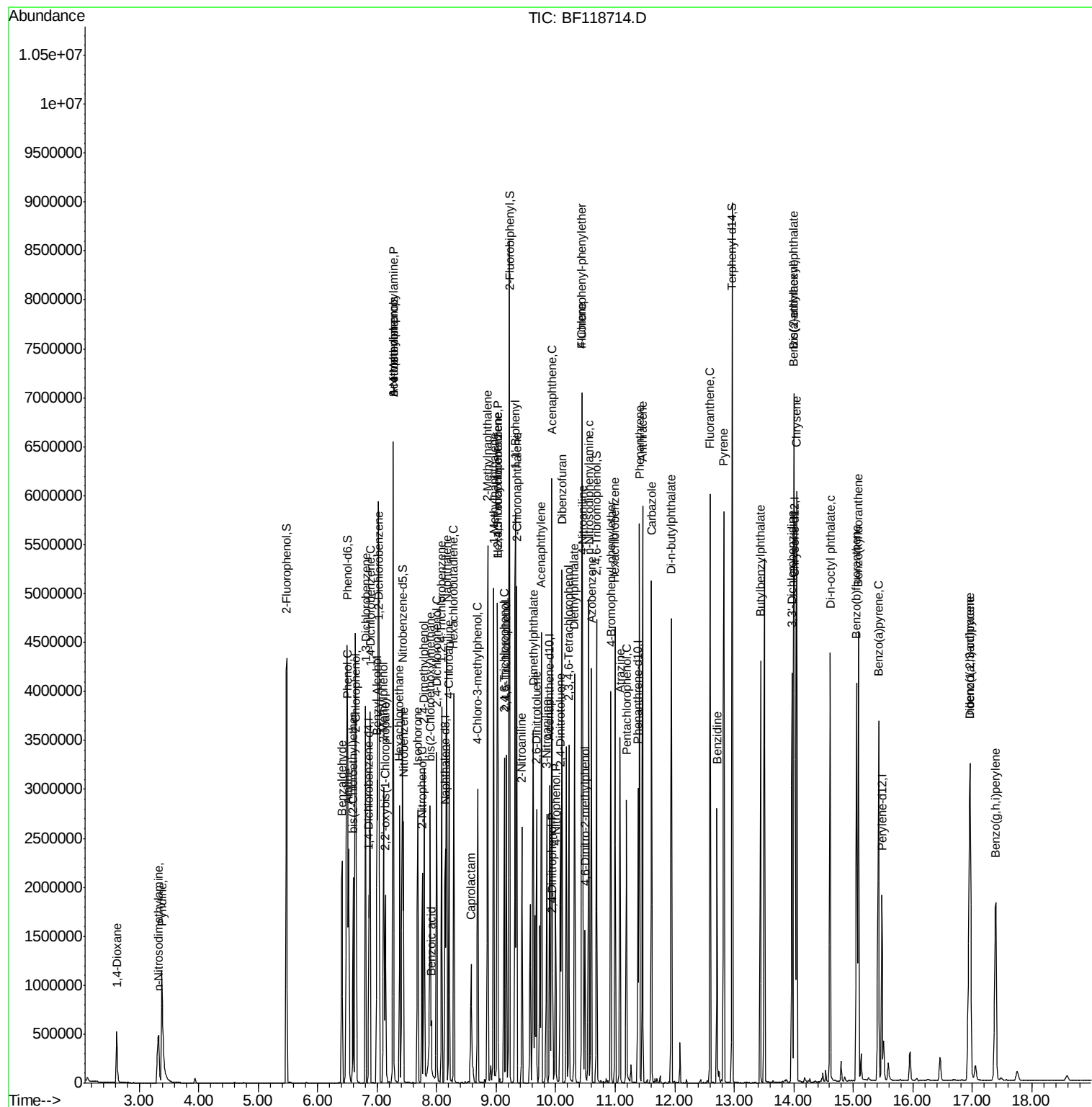
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	326016	33.228	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	526554	40.804	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	535960	40.667	ng	100
46) 1,1'-Biphenyl	9.32	154	1816489	42.407	ng	100
47) 2-Chloronaphthalene	9.35	162	1506046	41.714	ng	100
48) 2-Nitroaniline	9.43	65	423606	38.168	ng	100
49) Acenaphthylene	9.76	152	2162699	42.580	ng	100
50) Dimethylphthalate	9.62	163	1736762	42.891	ng	100
51) 2,6-Dinitrotoluene	9.67	165	396513	43.730	ng	100
52) Acenaphthene	9.93	154	1417755	41.744	ng	100
53) 3-Nitroaniline	9.85	138	442651	42.753	ng	100
54) 2,4-Dinitrophenol	9.95	184	171027	47.246	ng	100
55) Dibenzofuran	10.10	168	2008852	42.681	ng	100
56) 4-Nitrophenol	10.00	139	329338	42.136	ng	100
57) 2,4-Dinitrotoluene	10.08	165	526283	46.041	ng	100
58) Fluorene	10.45	166	1513859	40.971	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	473277	40.828	ng	100
60) Diethylphthalate	10.32	149	1681629	42.833	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	821550	40.881	ng	100
62) 4-Nitroaniline	10.46	138	446237	42.017	ng	100
63) Azobenzene	10.60	77	1459580	38.388	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	252929	50.007	ng	100
66) n-Nitrosodiphenylamine	10.56	169	1418978	40.906	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	573227	40.337	ng	100
68) Hexachlorobenzene	11.00	284	663738	41.197	ng	100
69) Atrazine	11.08	200	482299	40.114	ng	100
70) Pentachlorophenol	11.19	266	358893	40.065	ng	100
71) Phenanthrene	11.40	178	2346200	42.279	ng	100
72) Anthracene	11.46	178	2316258	42.183	ng	100
73) Carbazole	11.61	167	2118589	42.064	ng	100
74) Di-n-butylphthalate	11.94	149	2525793	45.138	ng	100
75) Fluoranthene	12.59	202	2519519	43.047	ng	100
77) Benzidine	12.71	184	1113535	47.353	ng	100
78) Pyrene	12.82	202	2550229	42.681	ng	100
80) Butylbenzylphthalate	13.44	149	1082174	44.254	ng	100
81) Benzo(a)anthracene	14.01	228	2206950	41.685	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	902384	47.833	ng	100
83) Chrysene	14.05	228	2179599	42.956	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1382057	46.260	ng	100
85) Di-n-octyl phthalate	14.61	149	2232211	50.477	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	2082309	47.230	ng	100
88) Benzo(b)fluoranthene	15.06	252	2183087	39.488	ng	100
89) Benzo(k)fluoranthene	15.09	252	2068883	40.392	ng	100
90) Benzo(a)pyrene	15.42	252	1950533	40.899	ng	100
91) Dibenzo(a,h)anthracene	16.97	278	1712480	40.594	ng	100
92) Benzo(g,h,i)perylene	17.39	276	1642314	40.096	ng	100

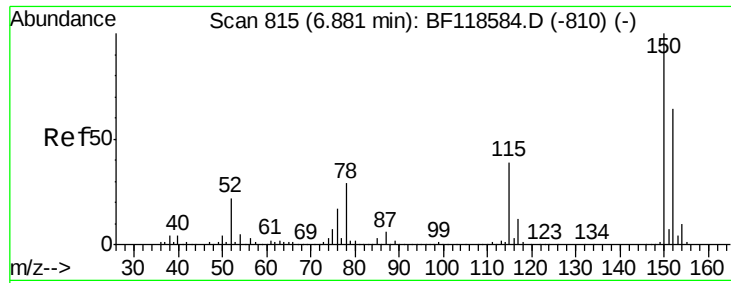
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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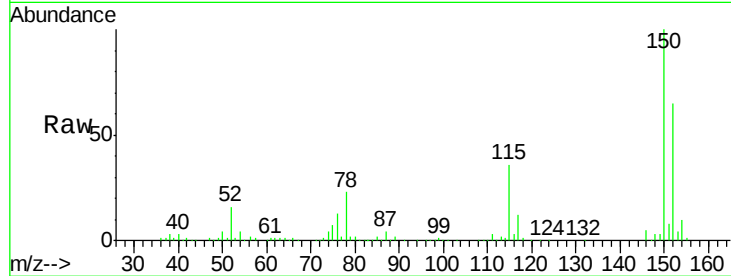


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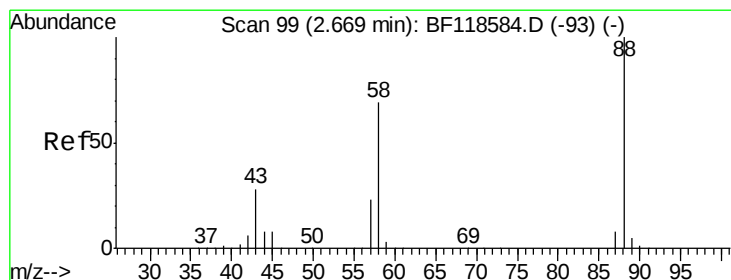
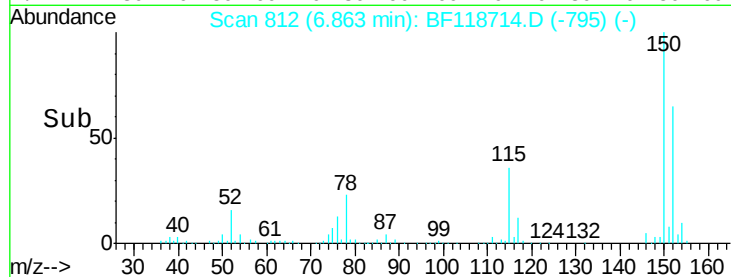
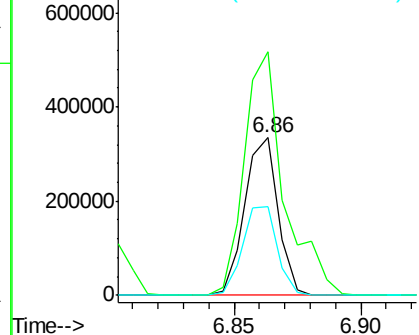
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 306460
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 56.4 45.1 67.7



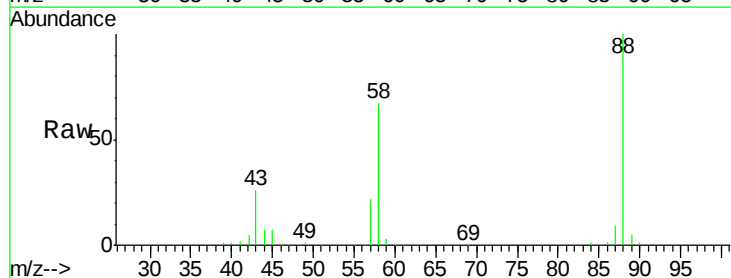
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



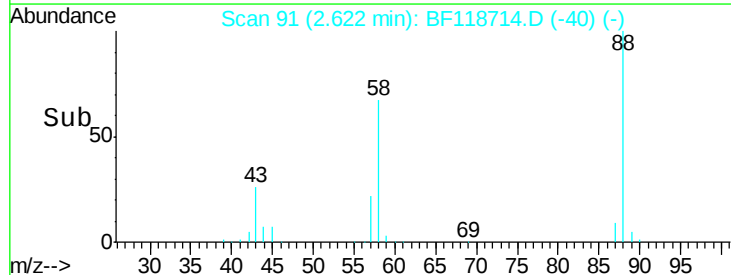
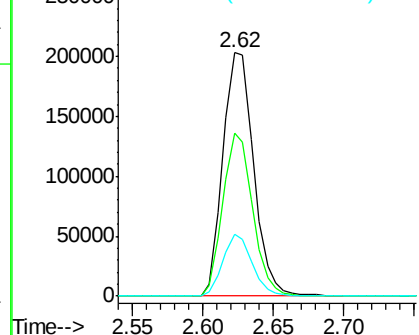
#2

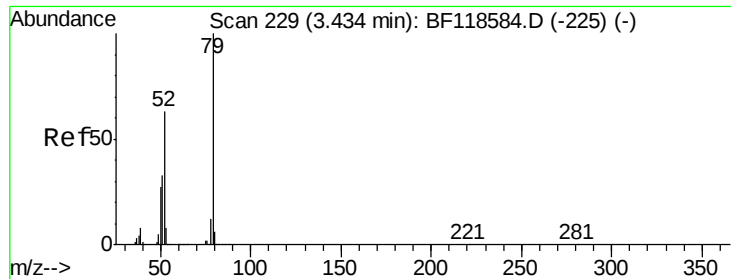
1,4-Dioxane
Concen: 38.639 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion: 88 Resp: 308809
Ion Ratio Lower Upper
88 100
58 64.9 51.9 77.9
43 24.1 19.3 28.9



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





#3

Pvridine

Concen: 38.227 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

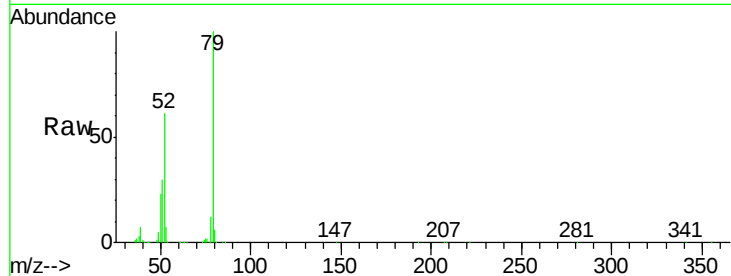
Tot Ion: 79 Resp: 861091

Ion Ratio Lower Upper

79 100

52 61.0 48.8 73.2

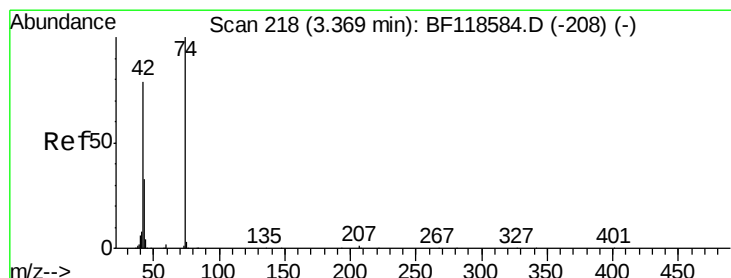
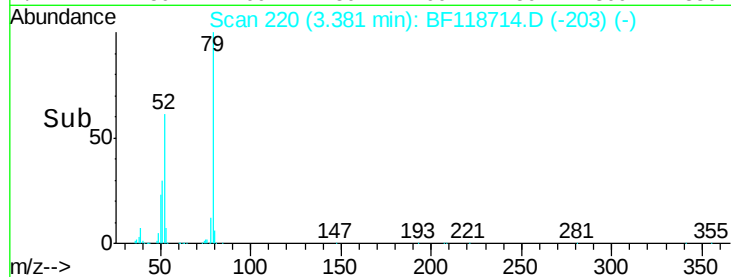
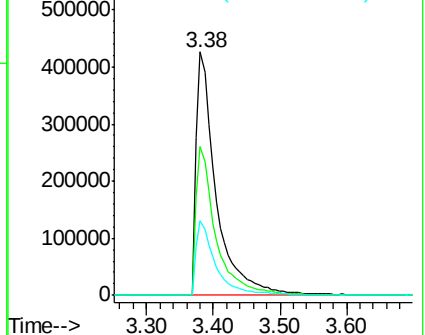
51 30.5 24.4 36.6



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: 32.523 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

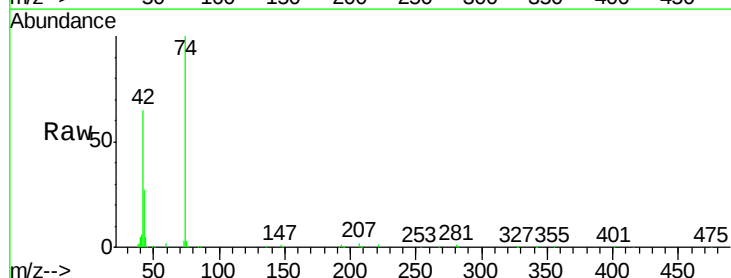
Tgt Ion: 42 Resp: 314084

Ion Ratio Lower Upper

42 100

74 154.4 123.5 185.3

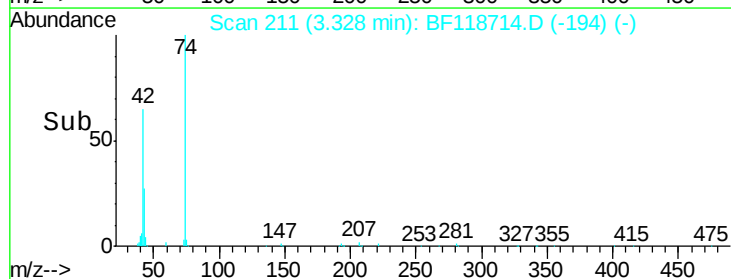
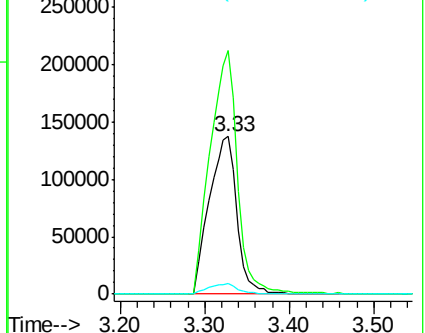
44 7.0 5.6 8.4

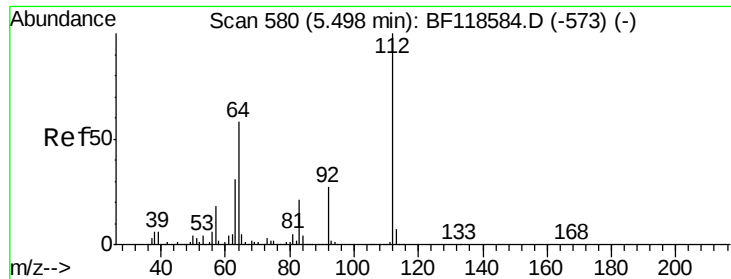


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.180 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

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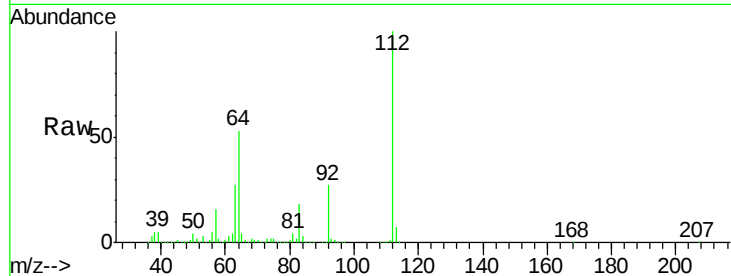
Tot Ion:112 Resp: 1372529

Ion Ratio Lower Upper

112 100

64 53.0 42.4 63.6

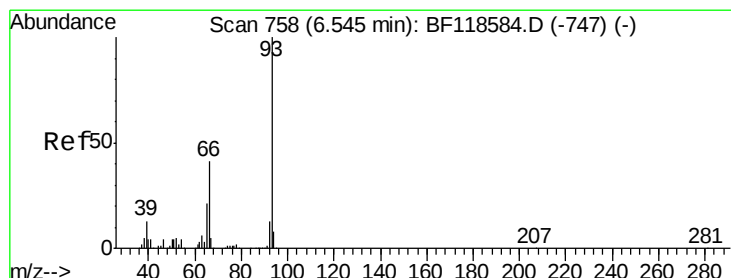
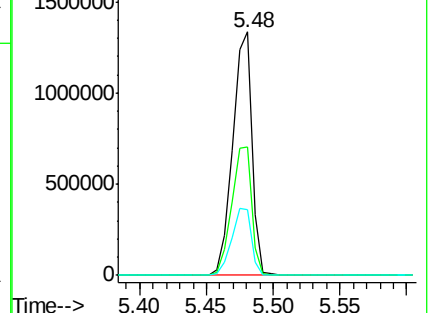
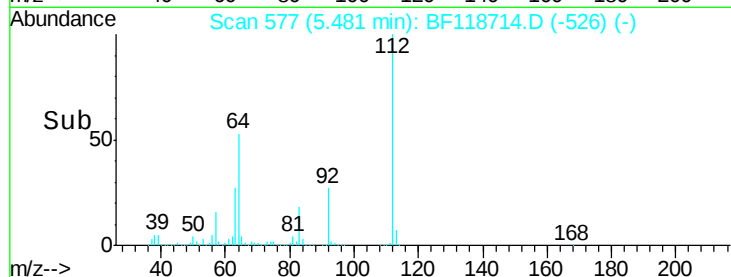
63 27.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.393 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

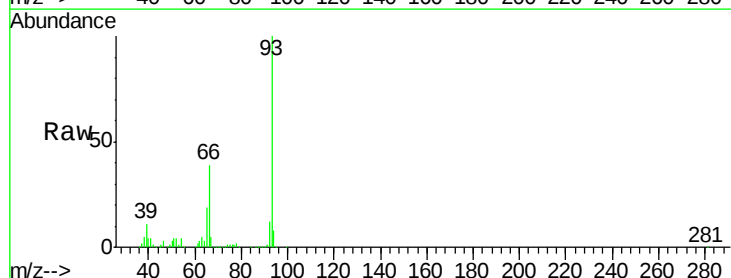
Tgt Ion: 93 Resp: 1112462

Ion Ratio Lower Upper

93 100

66 39.1 31.3 46.9

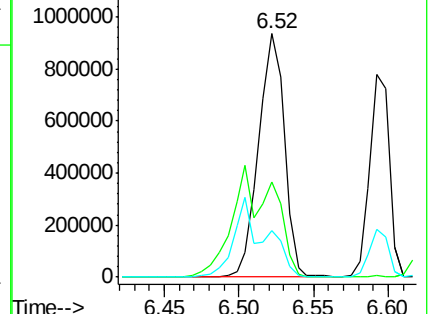
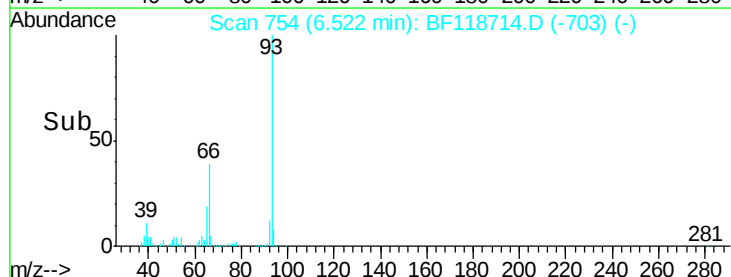
65 19.1 15.3 22.9

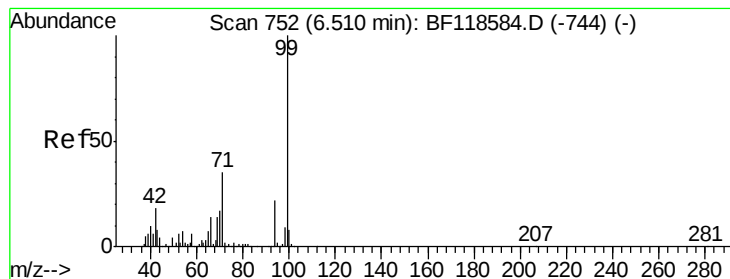


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.992 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

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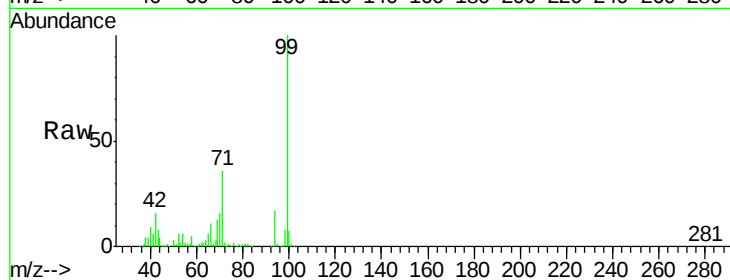
Tot Ion: 99 Resp: 1715568

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	35.5	28.4	42.6

99 100

42 16.4 13.1 19.7

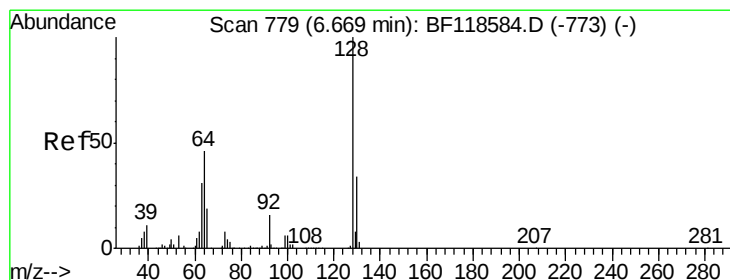
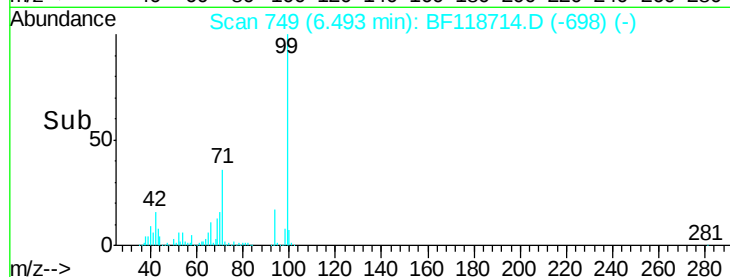
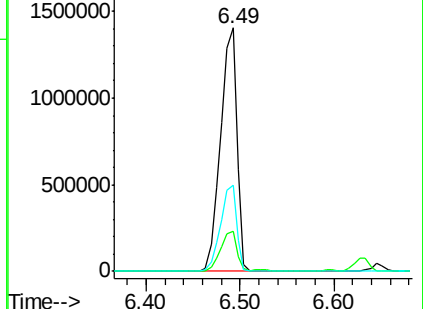
71 35.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.236 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

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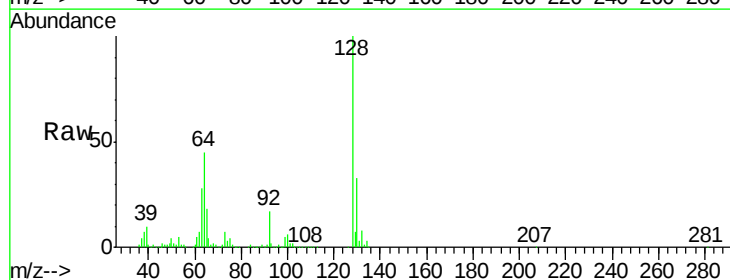
Tgt Ion: 128 Resp: 763729

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	44.5	24.5	64.5

128 100

130 32.8 12.8 52.8

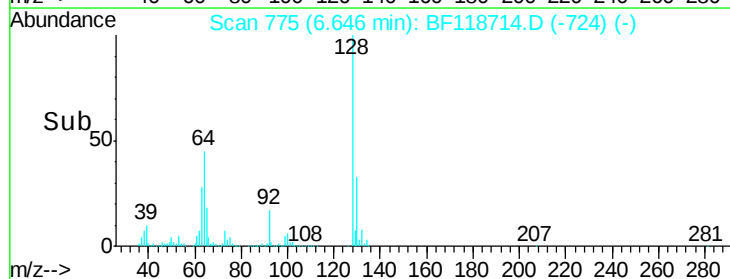
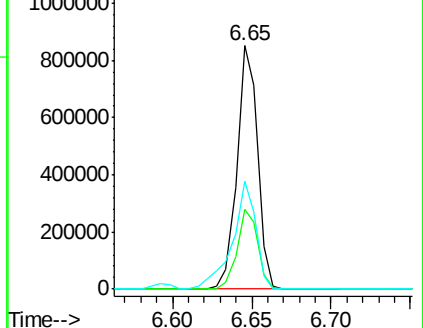
64 44.5 24.5 64.5



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: 38.210 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

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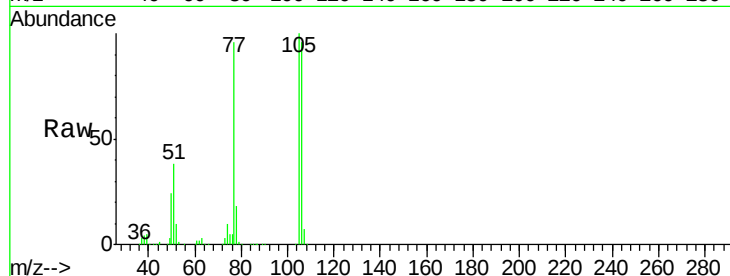
Tot Ion: 77 Resp: 498376

Ion Ratio Lower Upper

77 100

105 104.3 84.3 124.3

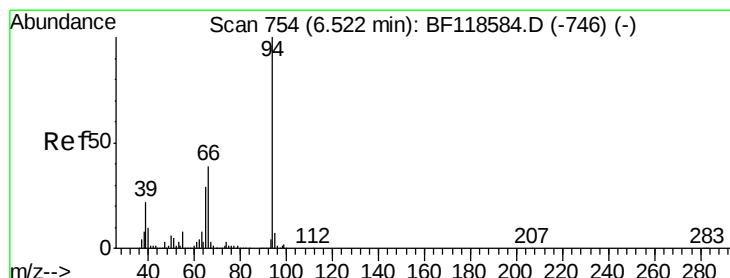
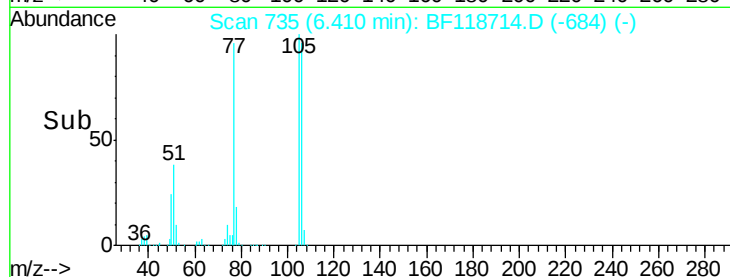
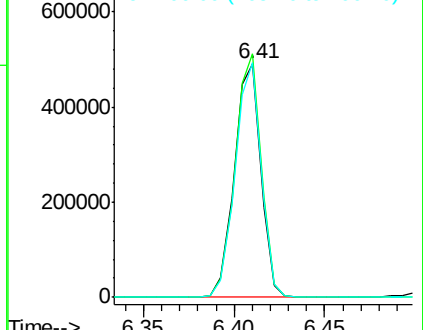
106 100.4 80.4 120.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.780 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

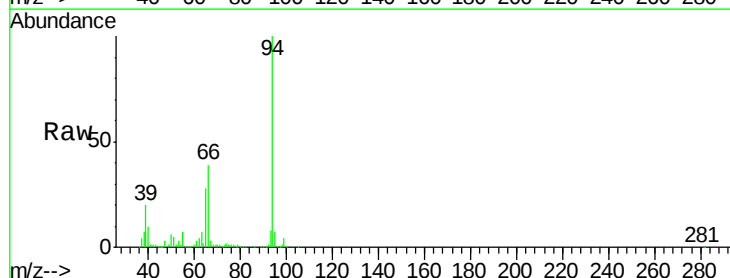
Tgt Ion: 94 Resp: 947819

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

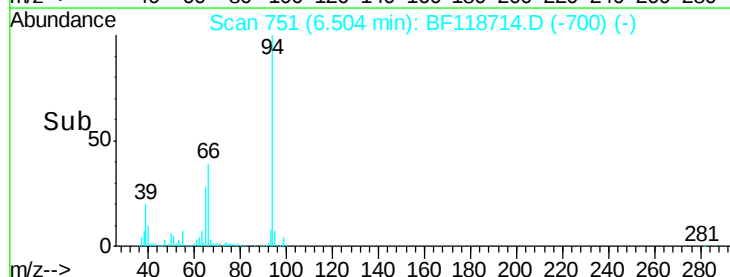
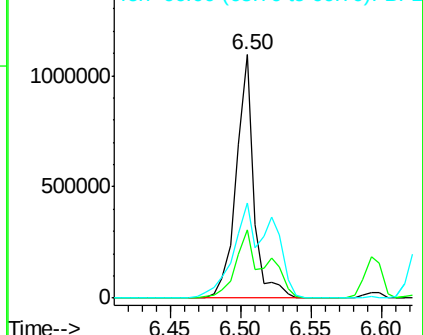
66 39.1 19.1 59.1

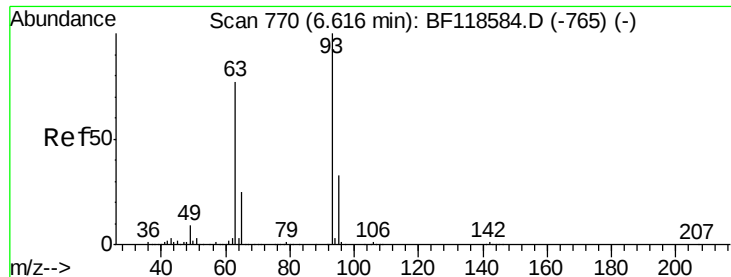


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.372 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

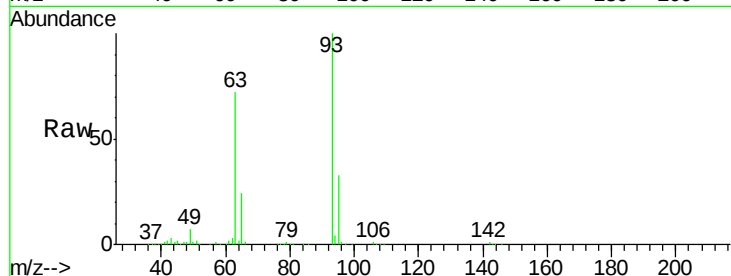
Tot Ion: 93 Resp: 713962

Ion Ratio Lower Upper

93 100

63 72.1 52.1 92.1

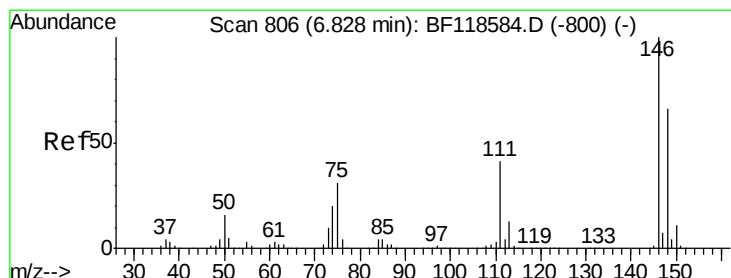
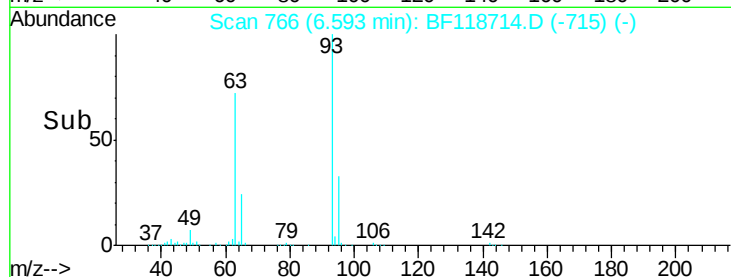
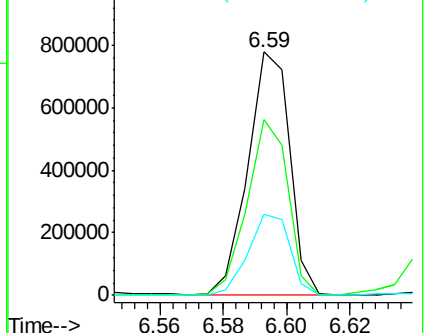
95 33.2 13.2 53.2



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: 41.721 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

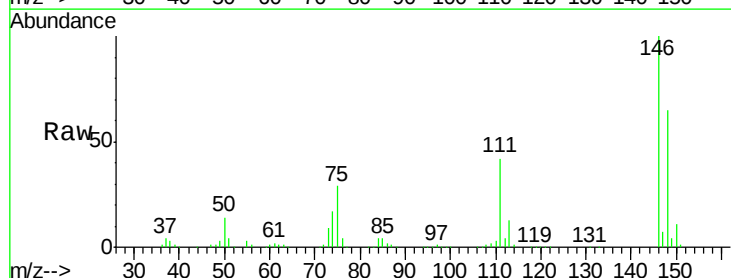
Tgt Ion:146 Resp: 904412

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

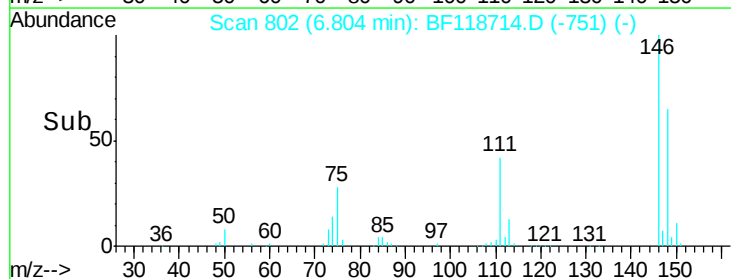
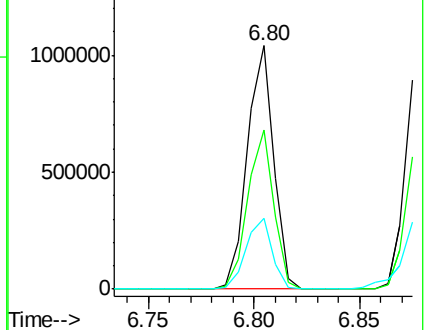
75 28.9 23.1 34.7

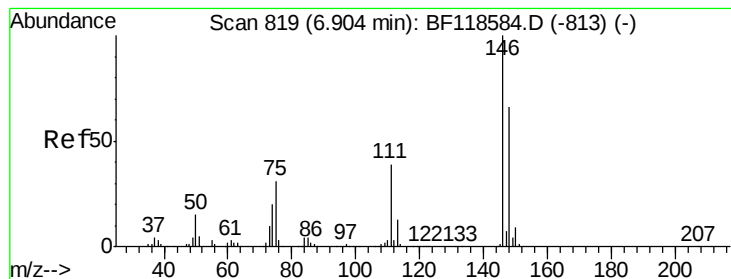


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.609 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

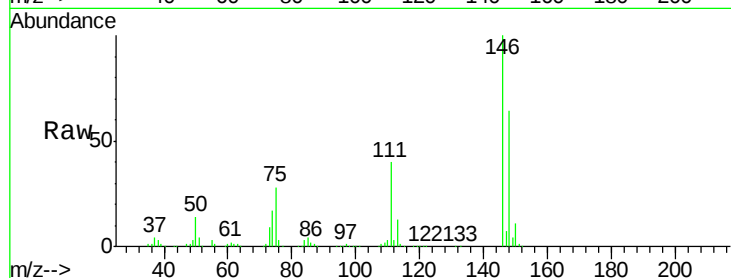
Tot Ion:146 Resp: 905438

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

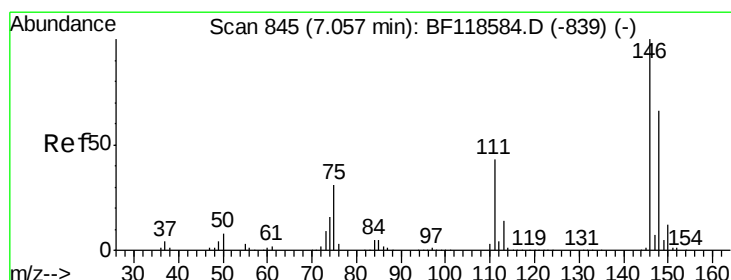
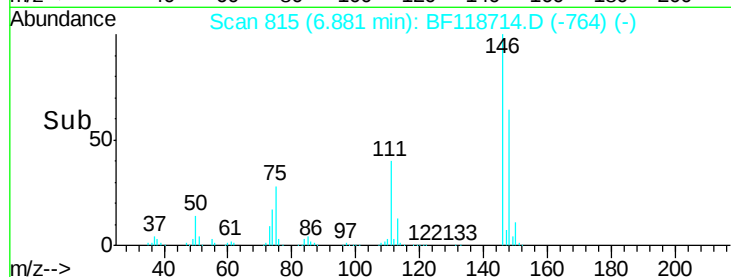
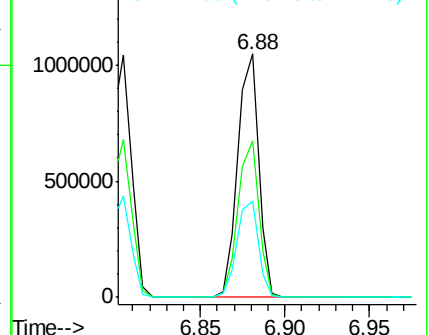
111 39.7 31.8 47.6



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: 40.772 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

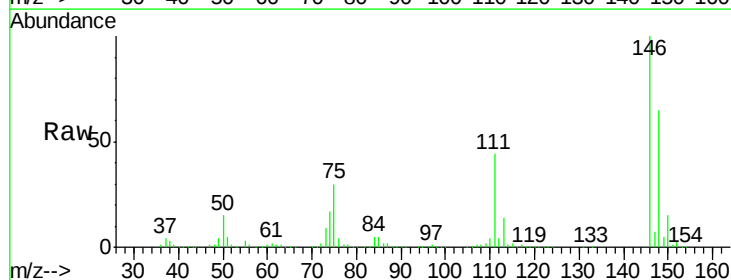
Tgt Ion:146 Resp: 834043

Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

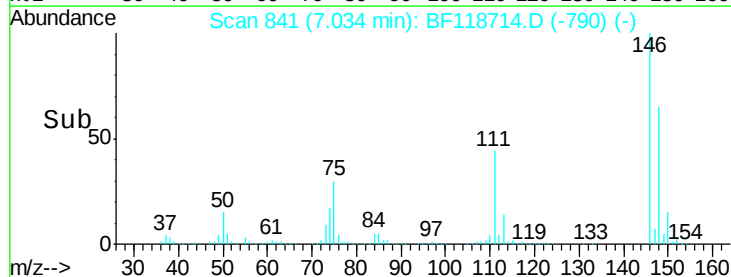
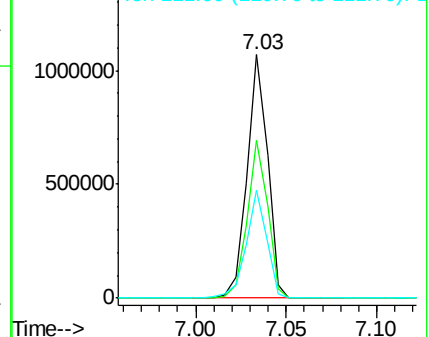
111 44.1 35.3 52.9

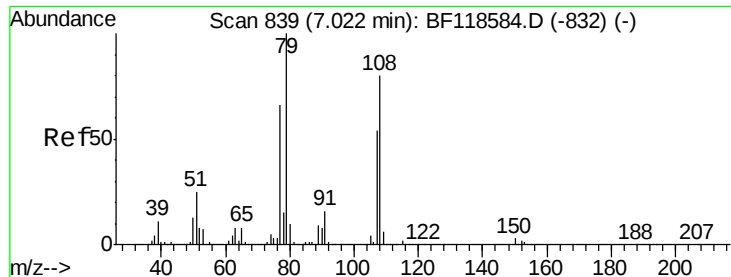


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.586 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

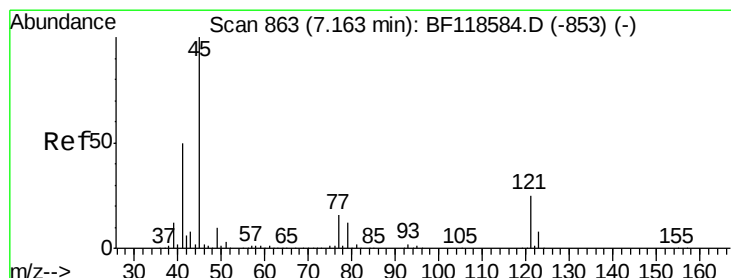
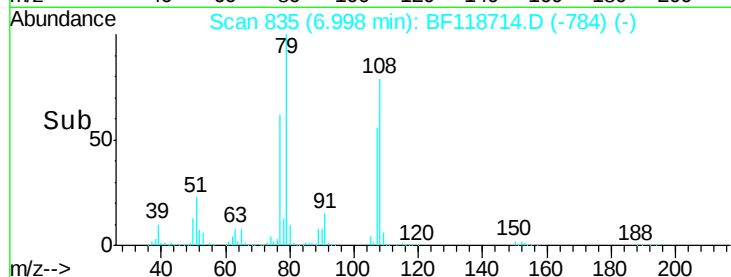
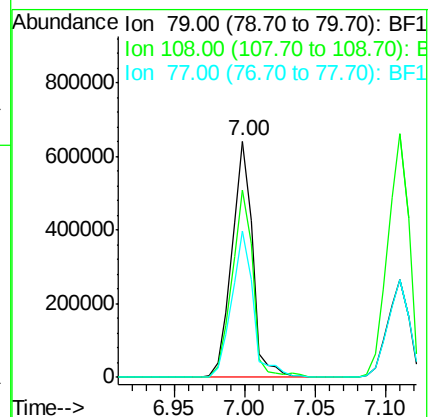
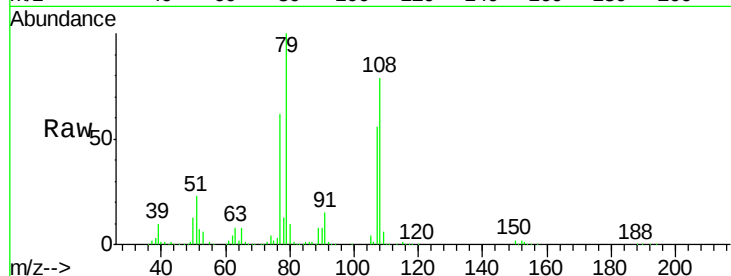
Tot Ion: 79 Resp: 656252

Ion Ratio Lower Upper

79 100

108 79.3 63.4 95.2

77 62.2 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.107 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

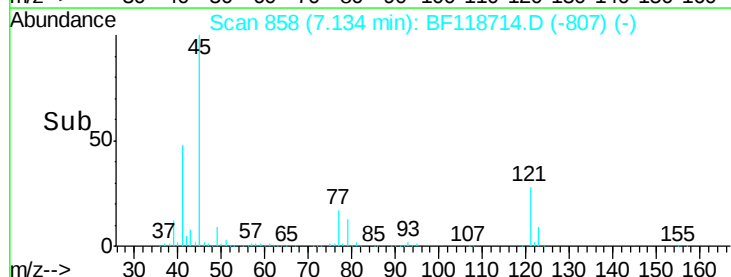
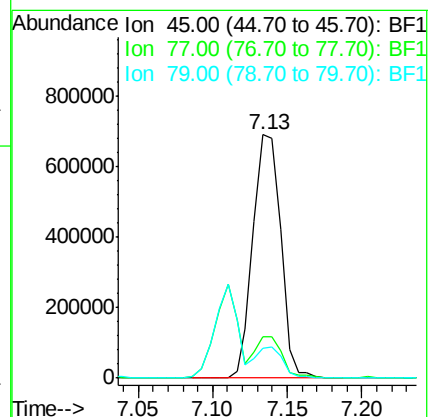
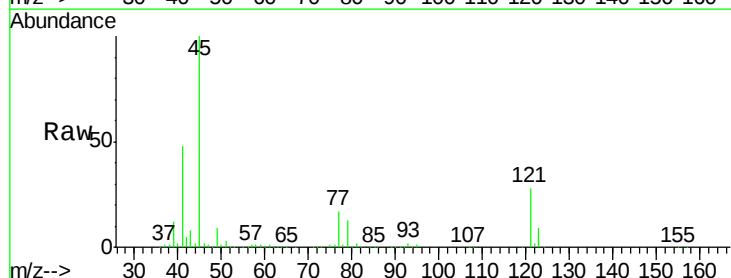
Tgt Ion: 45 Resp: 886746

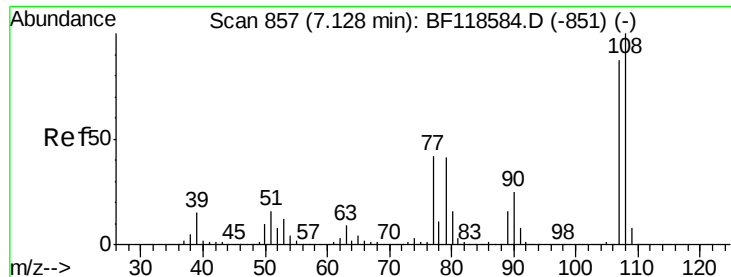
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.9

79 12.5 0.0 32.5

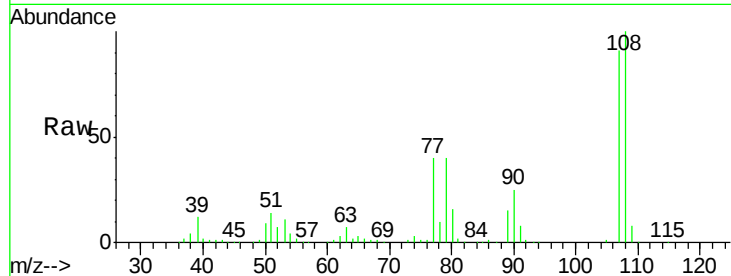




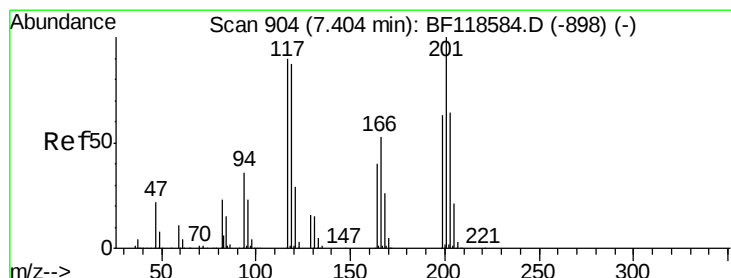
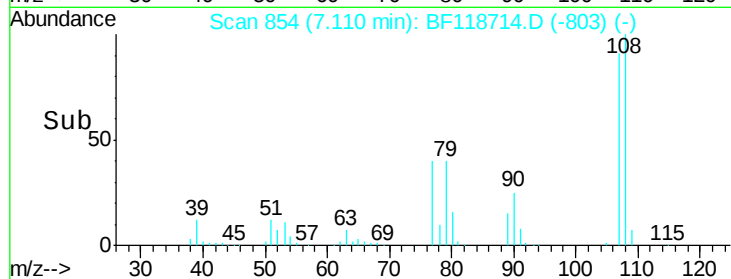
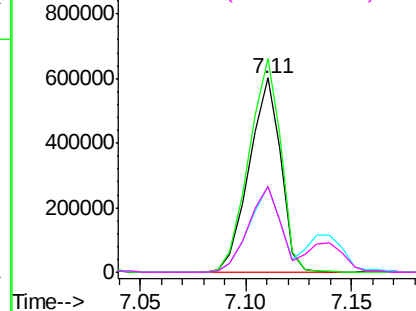
#17
2-Methylphenol
Concen: 40.423 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 623615
Ion Ratio Lower Upper
107 100
108 110.0 88.0 132.0
77 44.1 35.3 52.9
79 44.3 35.4 53.2

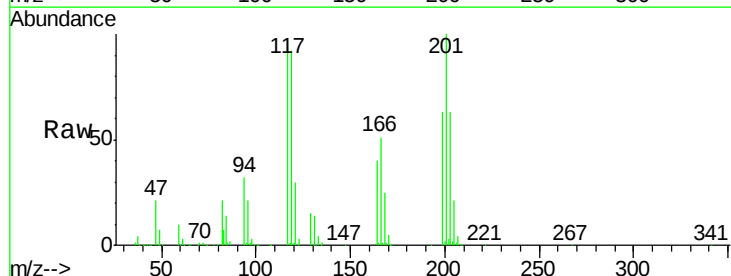


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

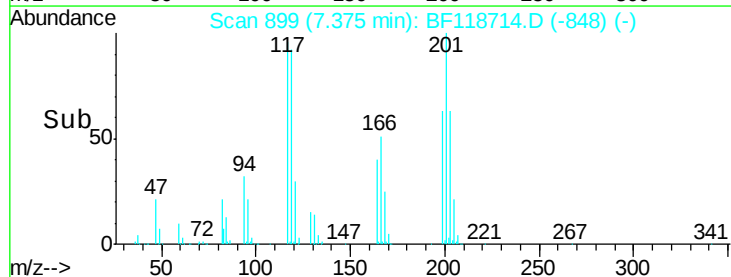
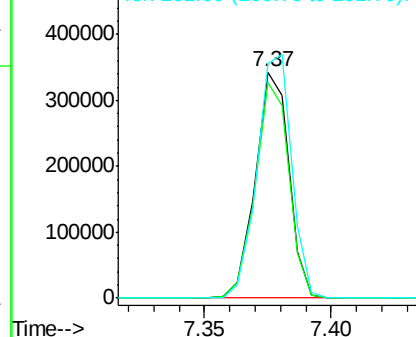


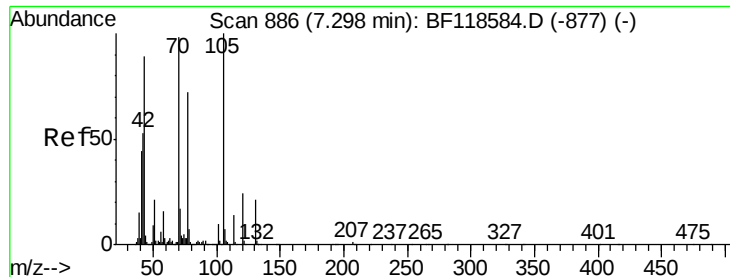
#18
Hexachloroethane
Concen: 40.135 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:117 Resp: 316688
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
201 104.1 83.3 124.9



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

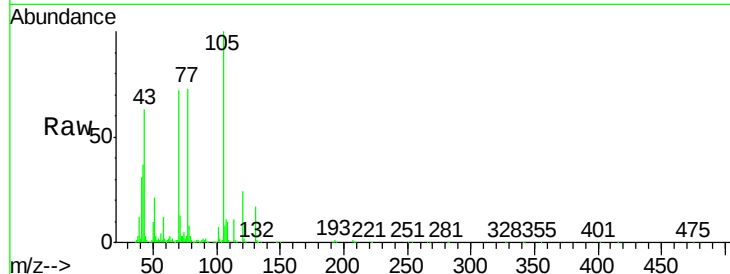




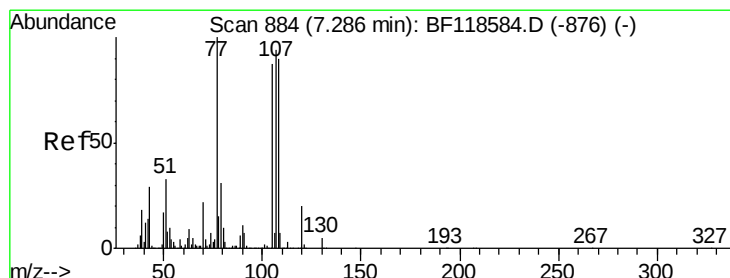
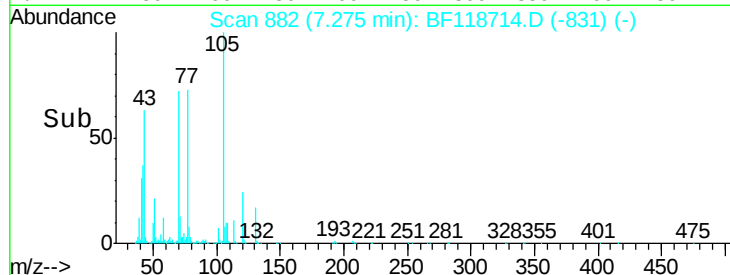
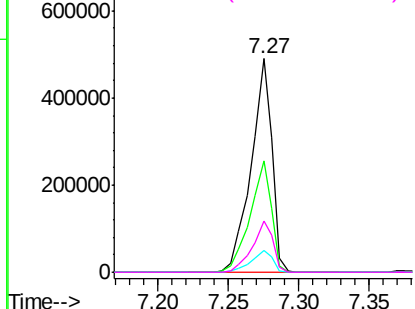
#19
n-Nitroso-di-n-propylamine
Concen: 35.197 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	509692
Ion	Ratio	Lower	Upper
70	100		
42	52.0	41.6	62.4
101	9.9	7.9	11.9
130	23.8	19.0	28.6

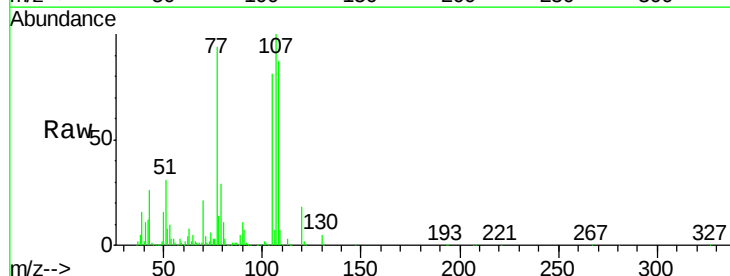


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

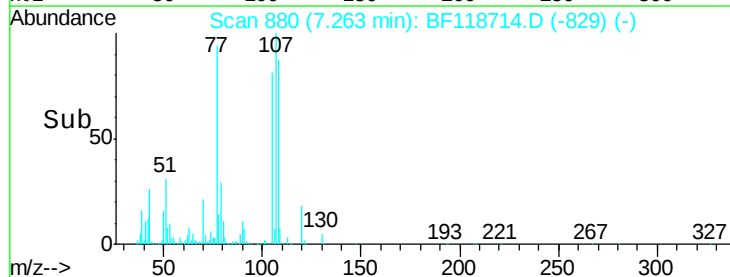
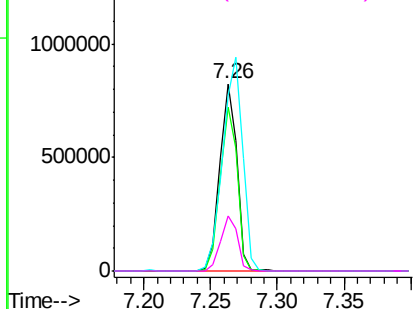


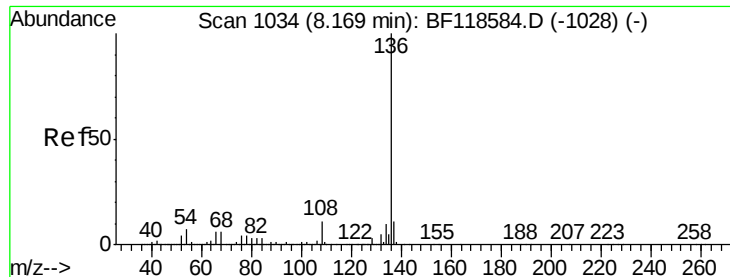
#20
3+4-Methylphenols
Concen: 40.046 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:	107	Resp:	754296
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.5	107.5
77	93.6	73.6	113.6
79	29.3	9.3	49.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1112322

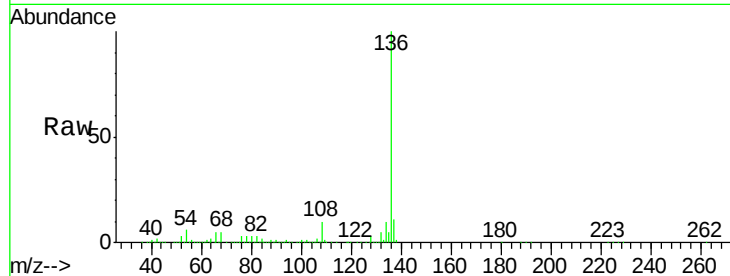
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 5.1 7.7

68 5.4 4.3 6.5

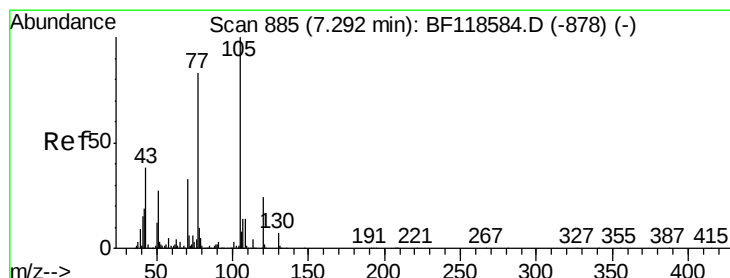
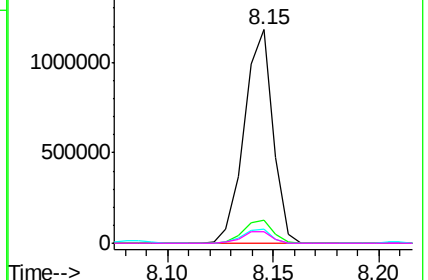
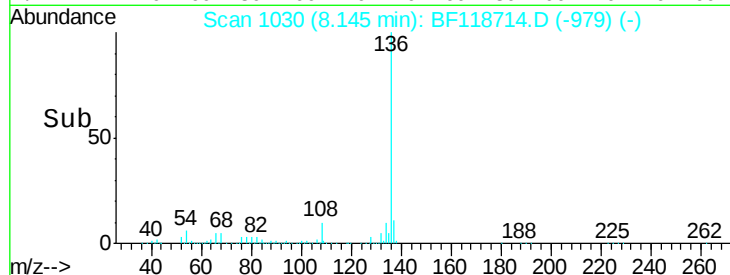


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.886 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Tgt Ion:105 Resp: 1024641

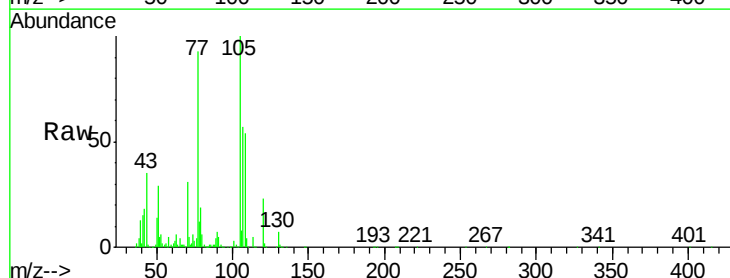
Ion Ratio Lower Upper

105 100

71 5.4 4.3 6.5

51 29.4 23.5 35.3

120 23.3 18.6 28.0

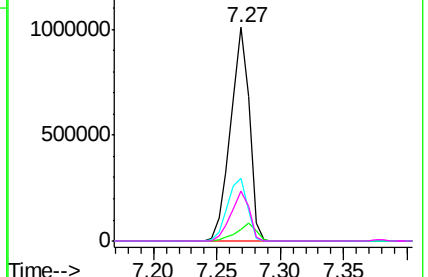
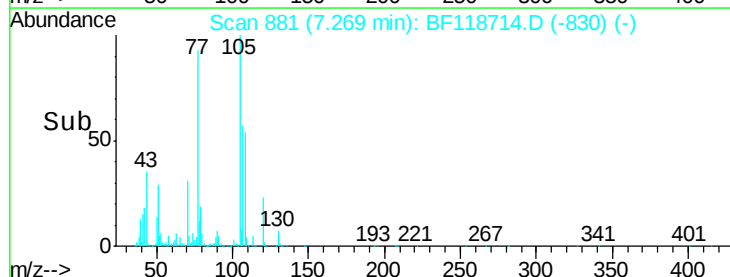


Abundance Ion 105.00 (104.70 to 105.70): E

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

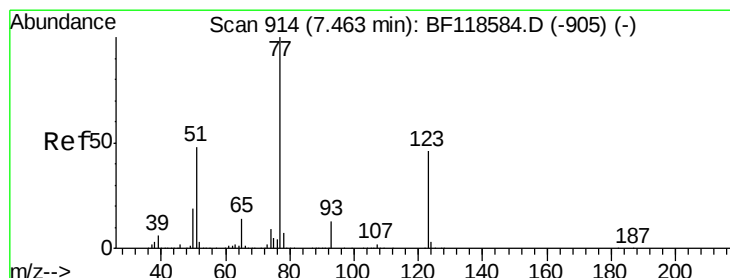
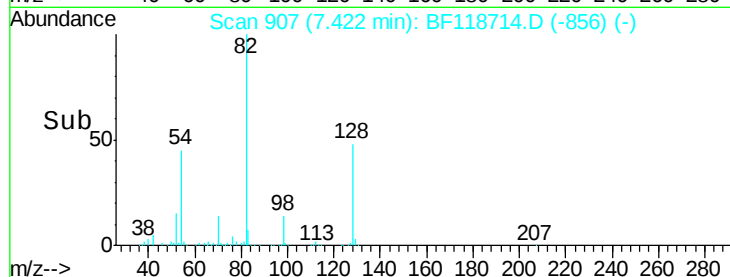
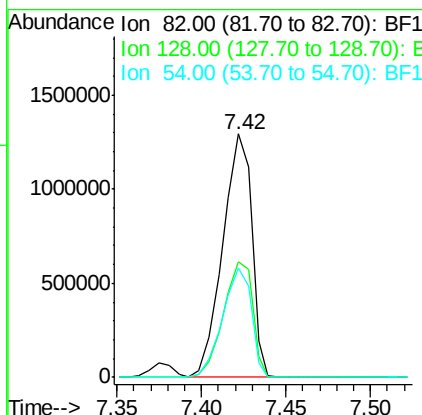
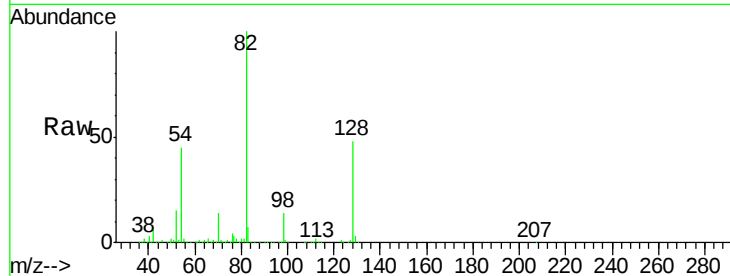




#23
 Nitrobenzene-d5
 Concen: 77.568 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

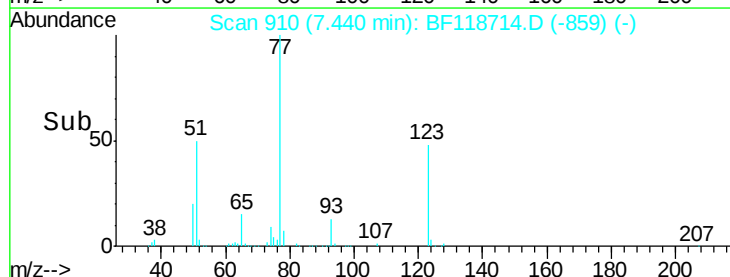
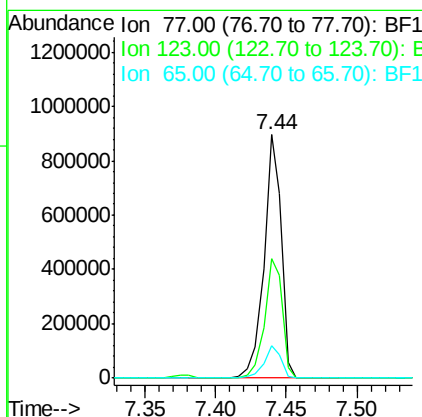
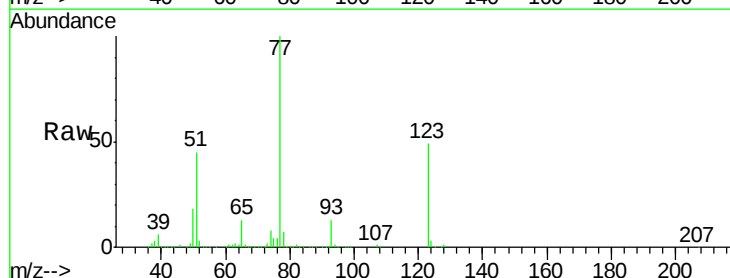
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

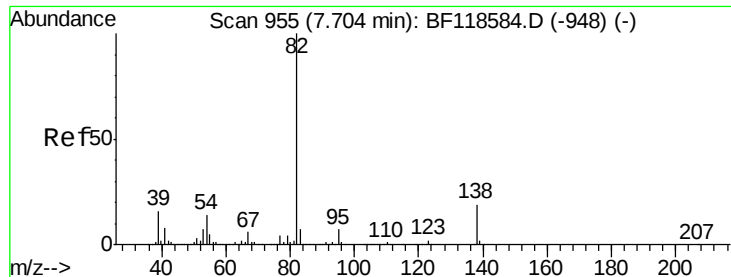
Tot Ion: 82 Resp: 1542549
 Ion Ratio Lower Upper
 82 100
 128 47.7 38.2 57.2
 54 45.1 36.1 54.1



#24
 Nitrobenzene
 Concen: 38.149 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

Tgt Ion: 77 Resp: 776806
 Ion Ratio Lower Upper
 77 100
 123 49.0 39.2 58.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.850 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

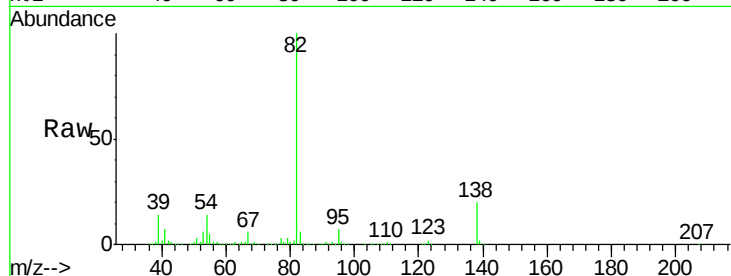
Tot Ion: 82 Resp: 1372886

Ion Ratio Lower Upper

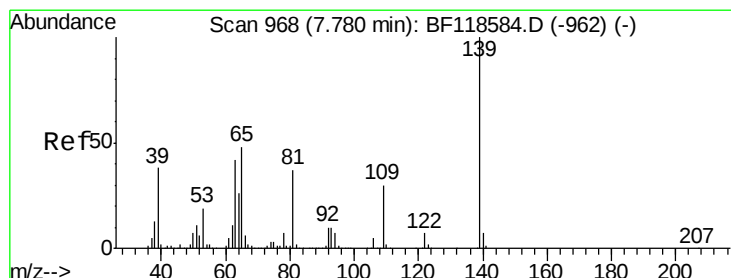
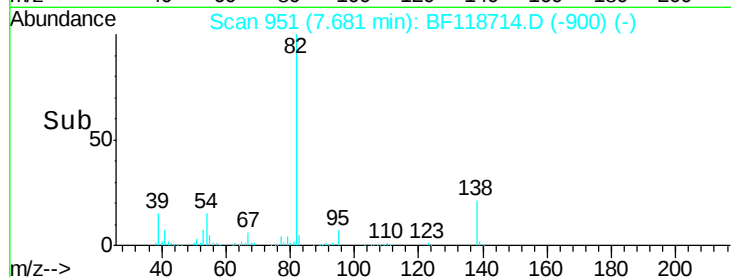
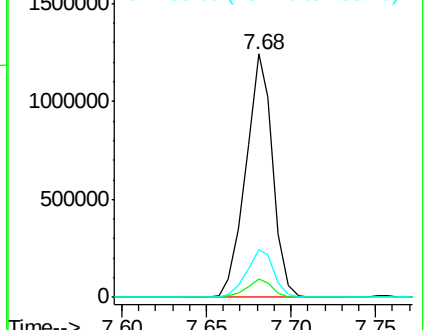
82 100

95 7.3 5.8 8.8

138 19.8 15.8 23.8



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: 45.787 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

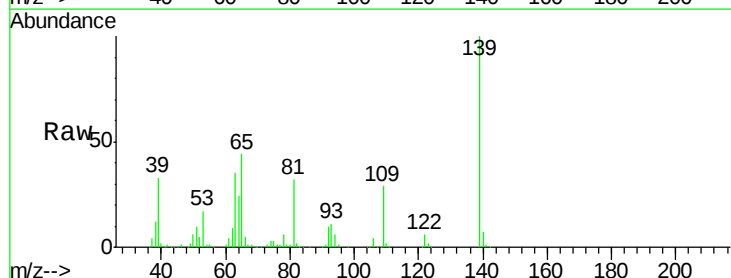
Tgt Ion: 139 Resp: 397585

Ion Ratio Lower Upper

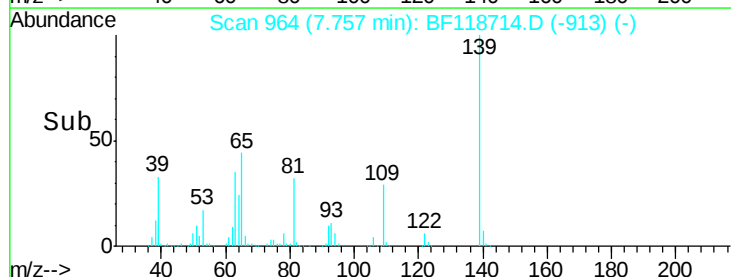
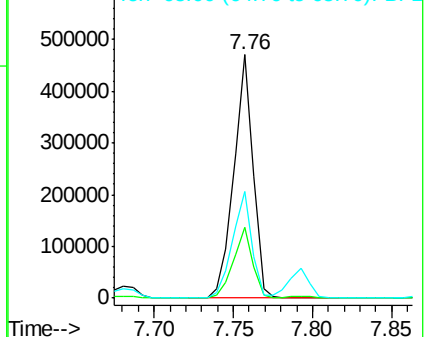
139 100

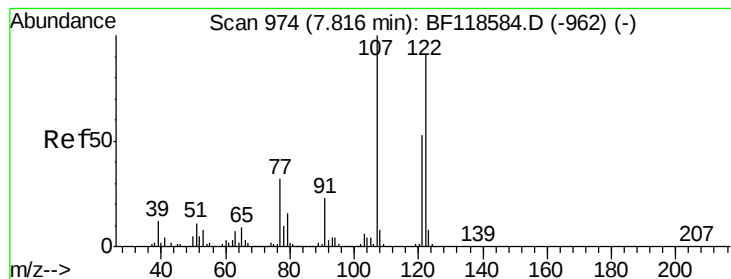
109 28.9 23.1 34.7

65 44.0 35.2 52.8



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: 37.646 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

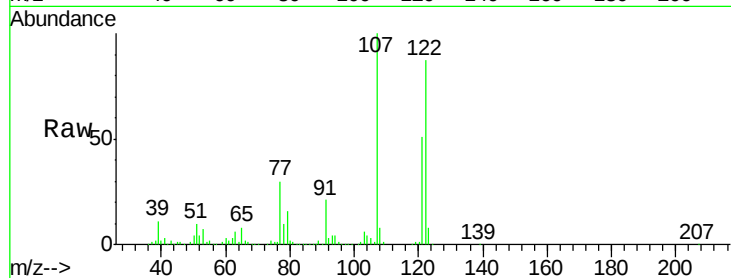
Tot Ion:122 Resp: 564475

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

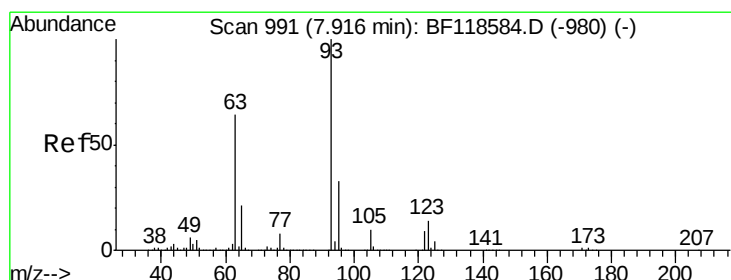
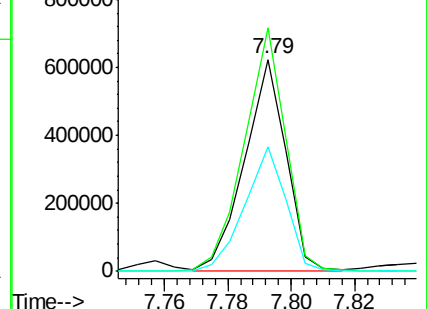
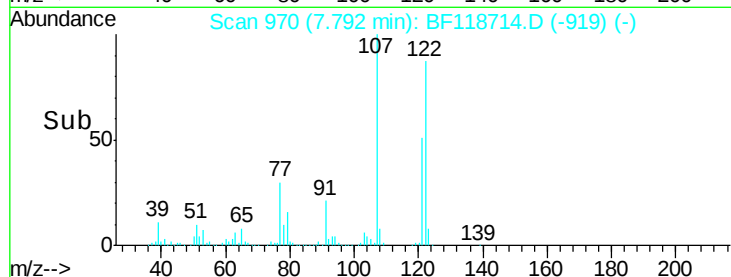
121 58.5 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.884 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

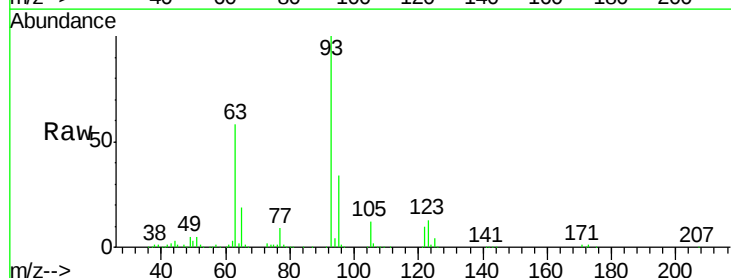
Tgt Ion: 93 Resp: 908776

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

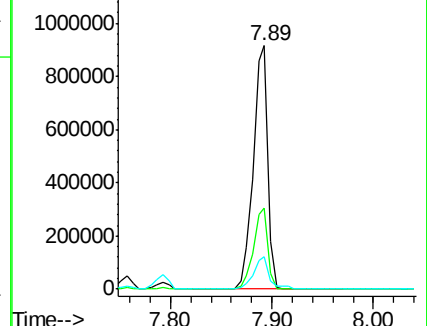
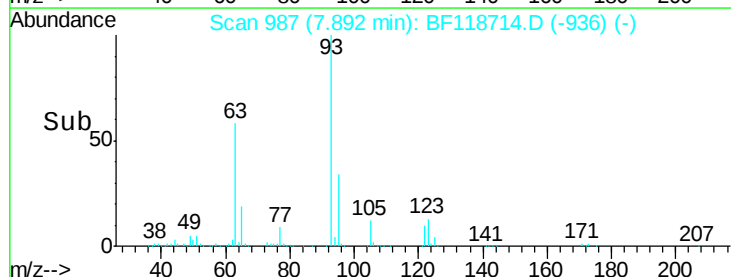
123 13.4 10.7 16.1

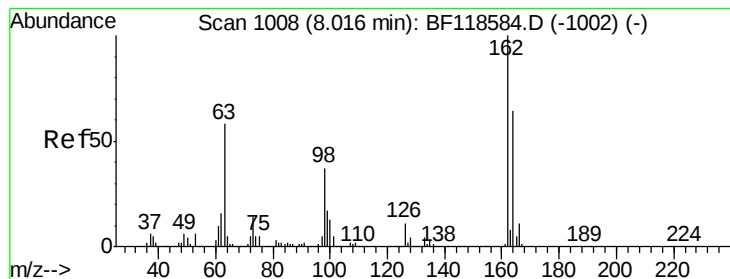


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.975 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

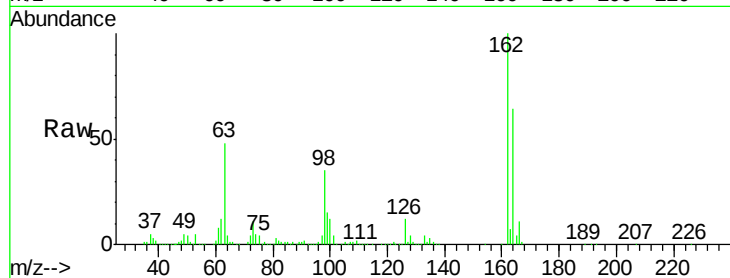
Tot Ion:162 Resp: 679187

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

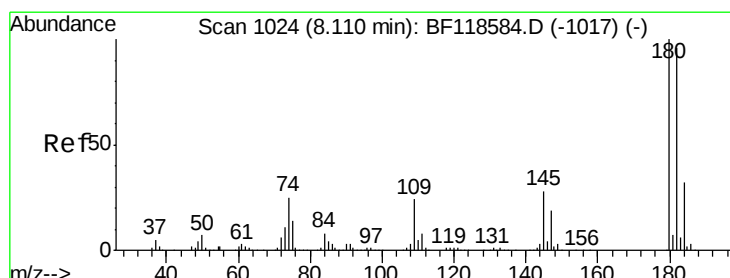
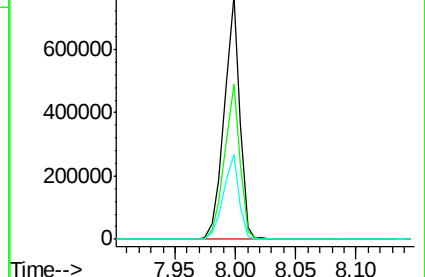
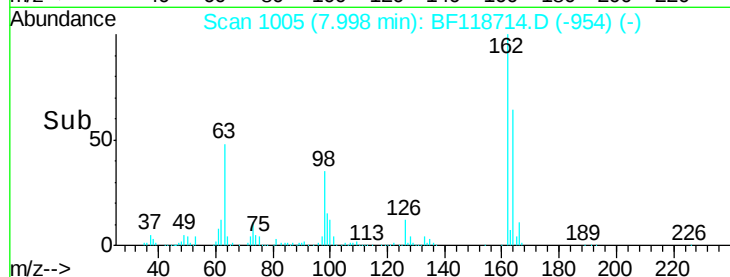
98 35.0 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.800 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

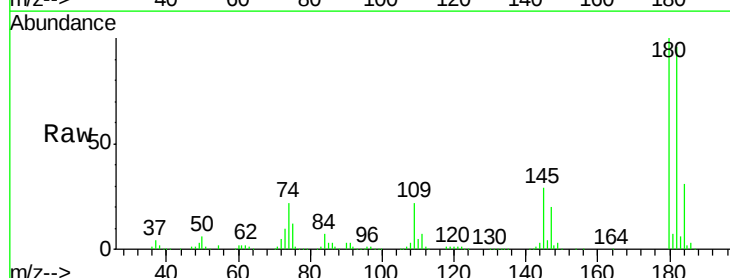
Tgt Ion:180 Resp: 784142

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

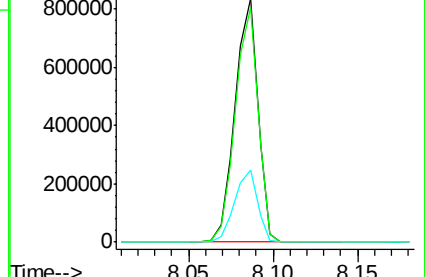
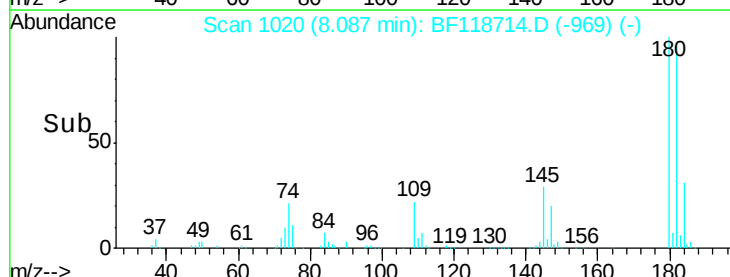
145 29.4 23.5 35.3

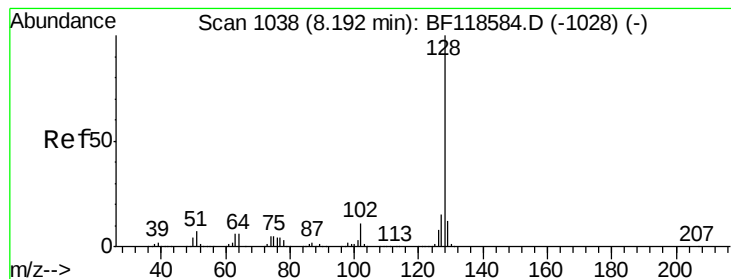


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.574 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

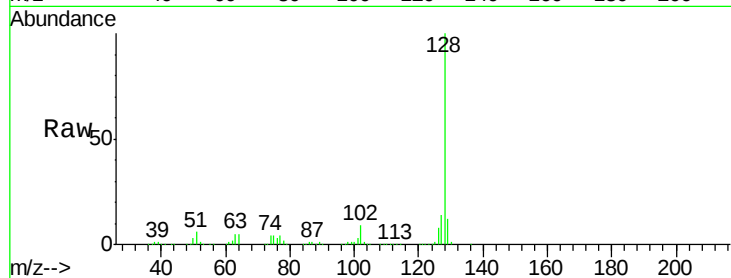
Tot Ion:128 Resp: 2139224

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

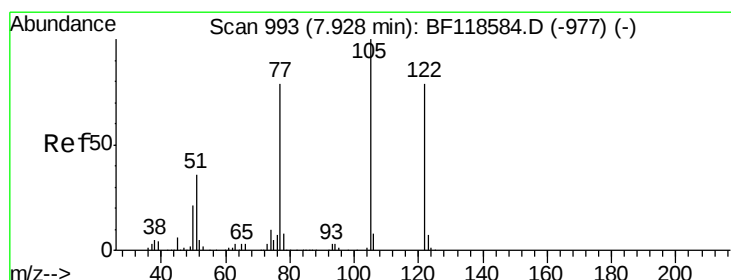
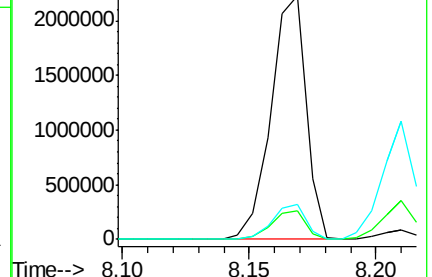
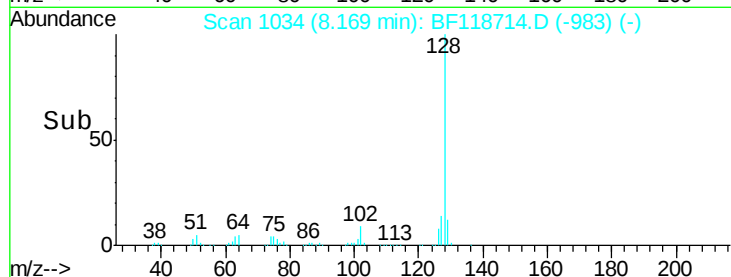
127 14.1 11.3 16.9



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: 39.128 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

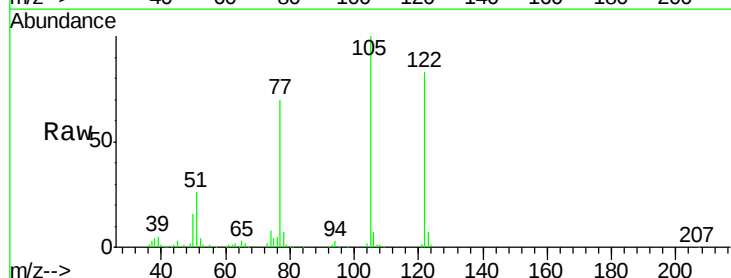
Tgt Ion:122 Resp: 440322

Ion Ratio Lower Upper

122 100

105 120.9 100.9 140.9

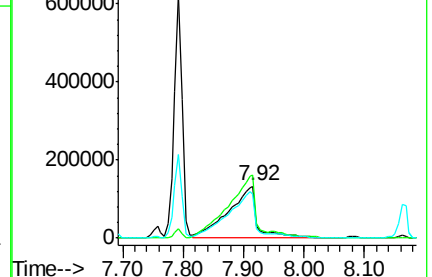
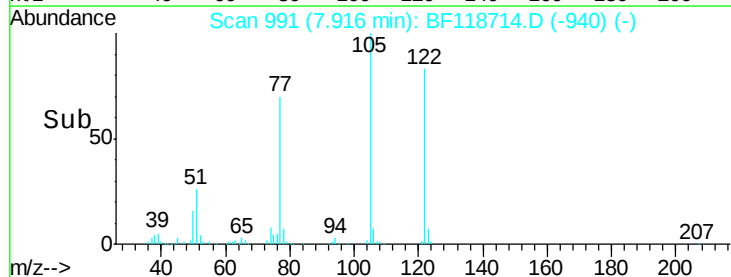
77 85.1 65.1 105.1

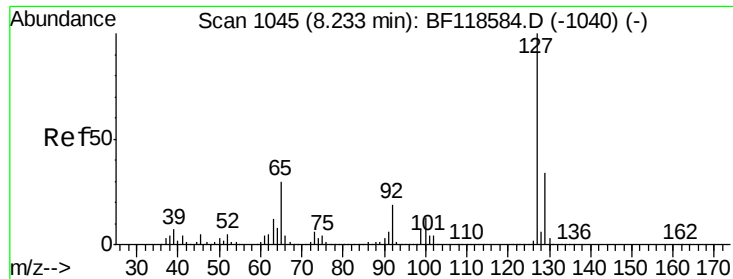


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

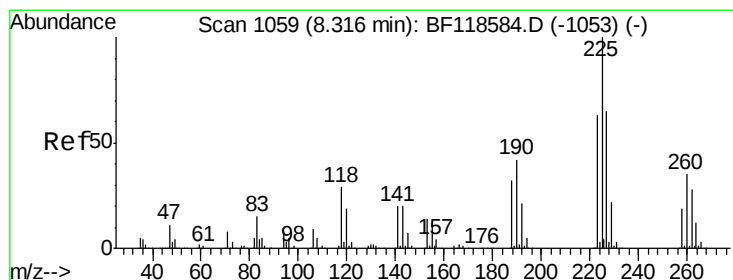
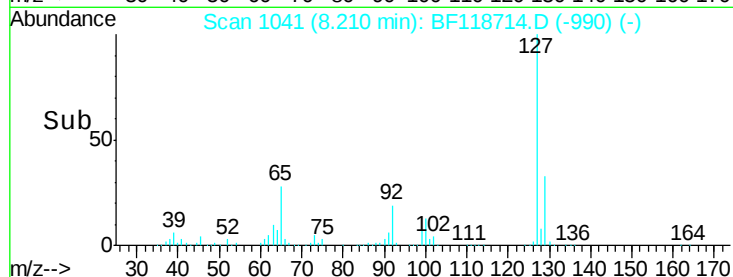
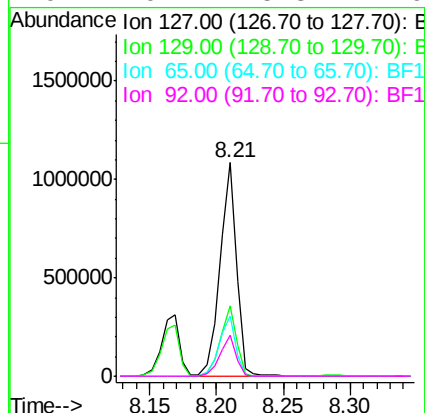
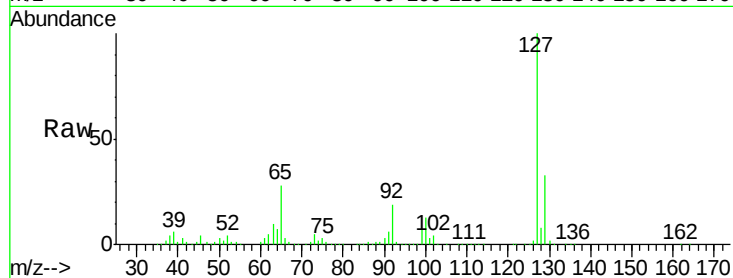




#33
4-Chloroaniline
Concen: 40.893 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

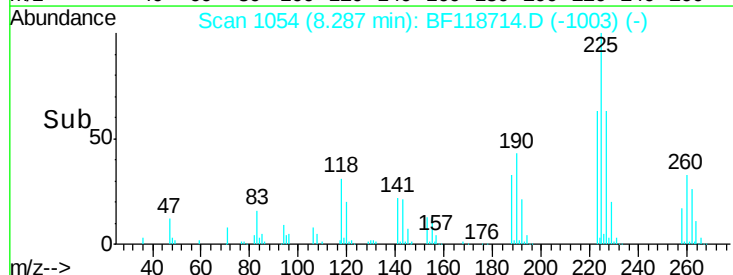
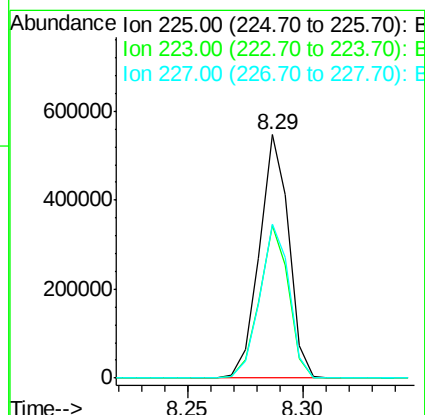
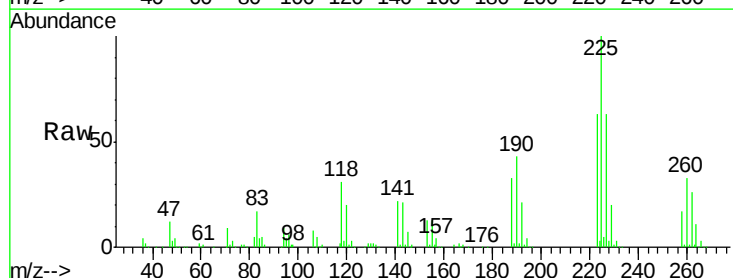
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

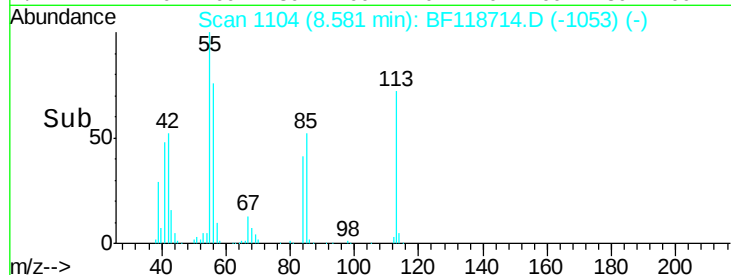
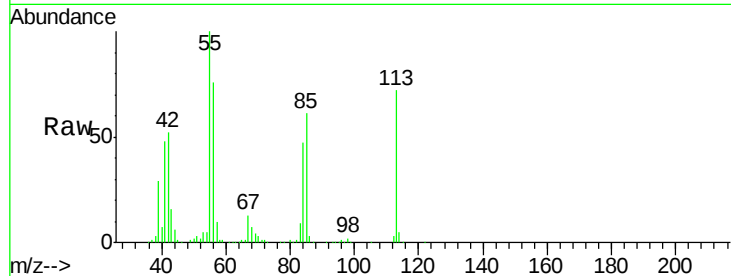
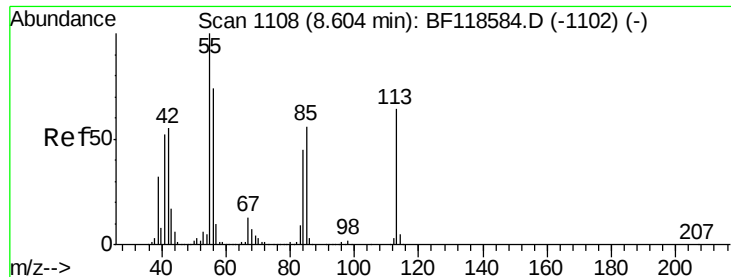
Tot Ion:	127	Resp:	949703
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	28.2	22.6	33.8
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.500 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:	225	Resp:	485725
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.1	50.5	75.7

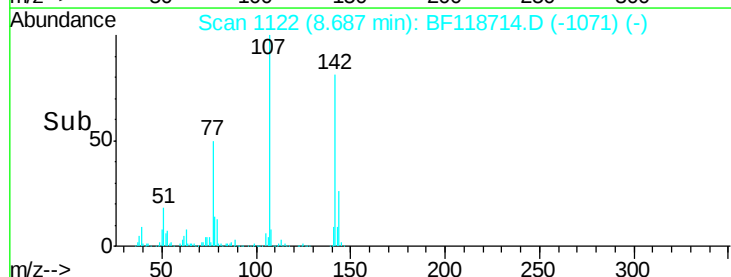
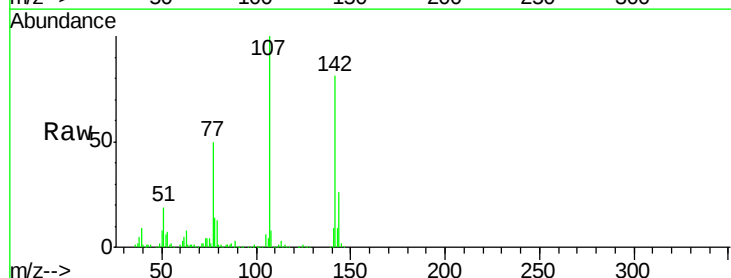
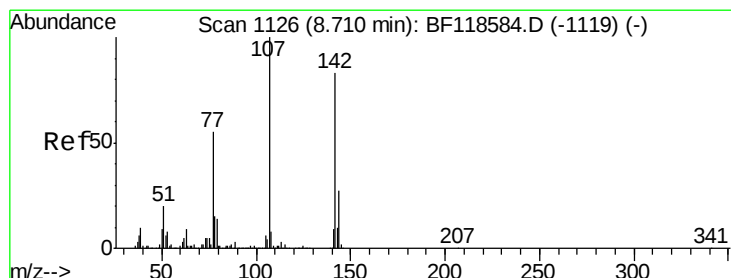
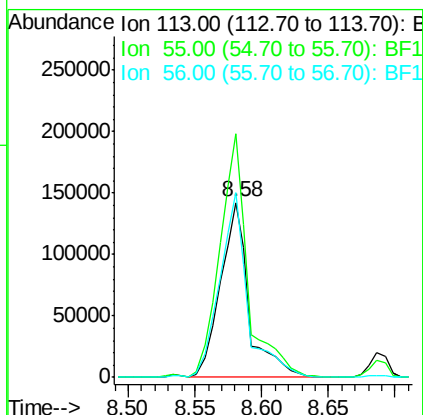




#35
Caprolactam
Concen: 39.280 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

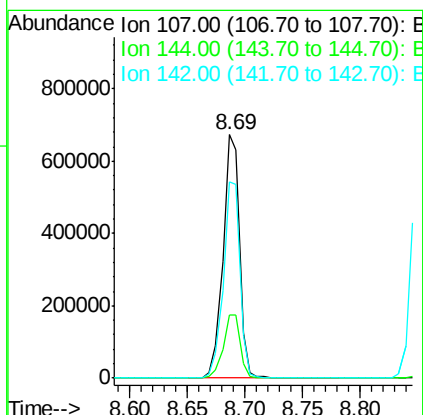
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

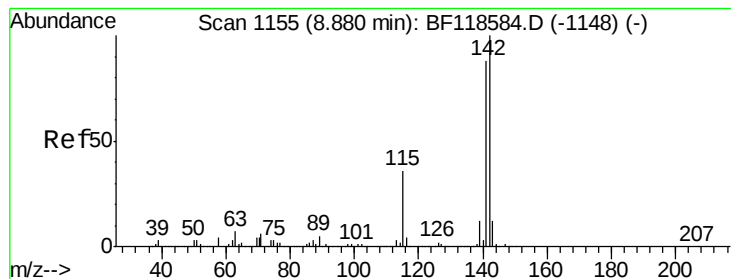
Tot Ion:113 Resp: 213073
Ion Ratio Lower Upper
113 100
55 139.0 119.0 159.0
56 105.4 85.4 125.4



#36
4-Chloro-3-methylphenol
Concen: 40.845 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:107 Resp: 668576
Ion Ratio Lower Upper
107 100
144 26.1 20.9 31.3
142 80.6 64.5 96.7

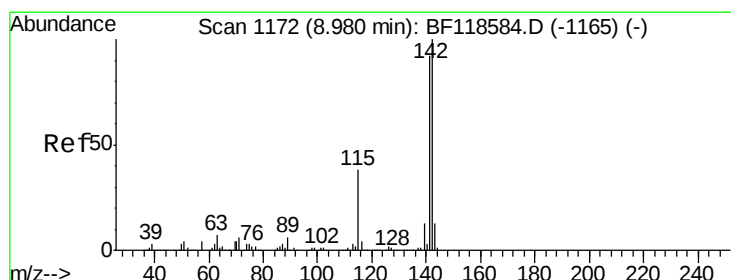
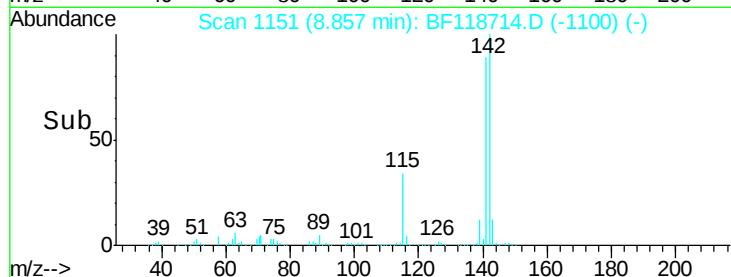
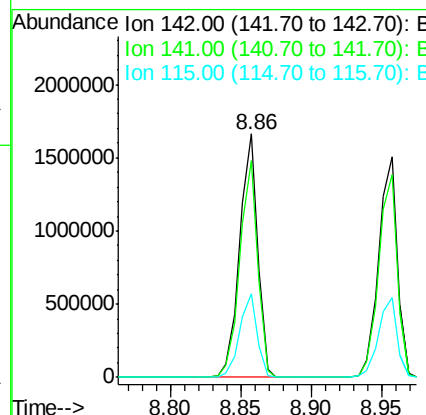
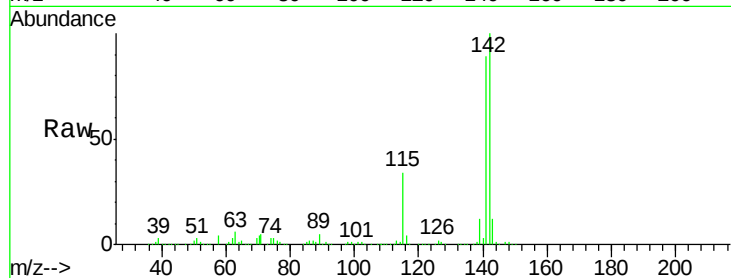




#37
 2-Methylnaphthalene
 Concen: 41.574 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

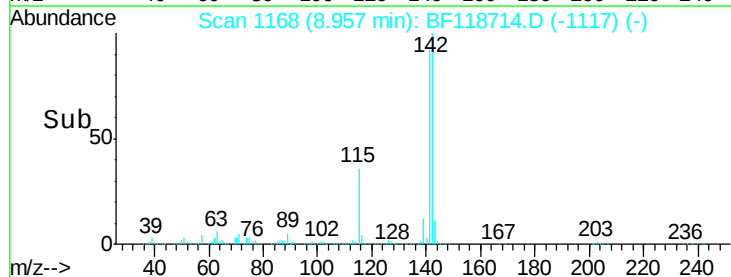
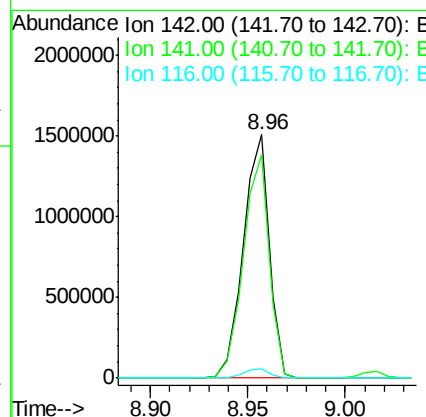
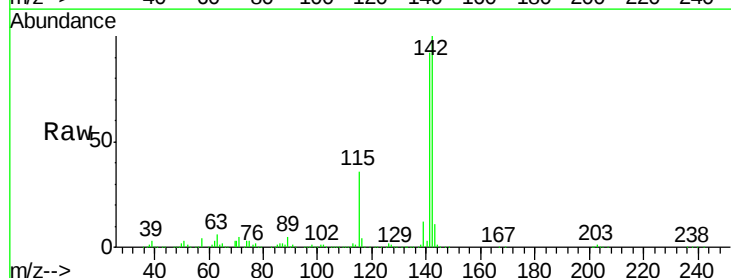
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

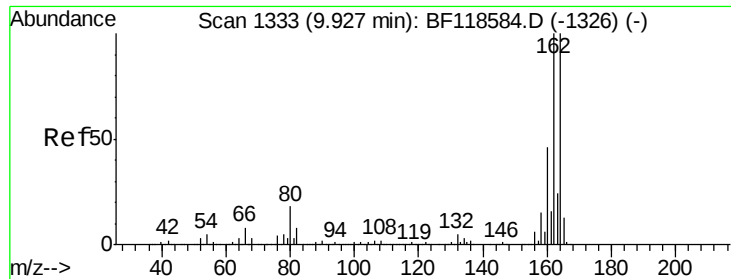
Tot Ion:142 Resp: 1474535
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.0
 115 34.4 27.5 41.3



#38
 1-Methylnaphthalene
 Concen: 41.170 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

Tgt Ion:142 Resp: 1387252
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.5 110.3
 116 3.8 3.0 4.6

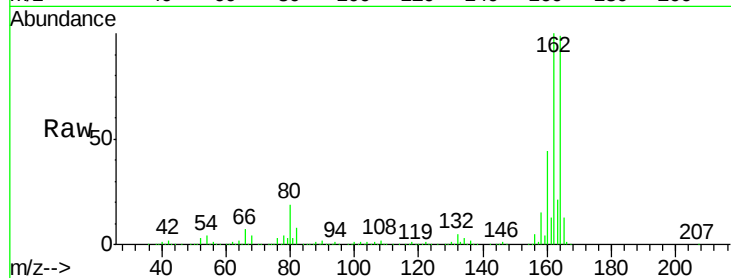




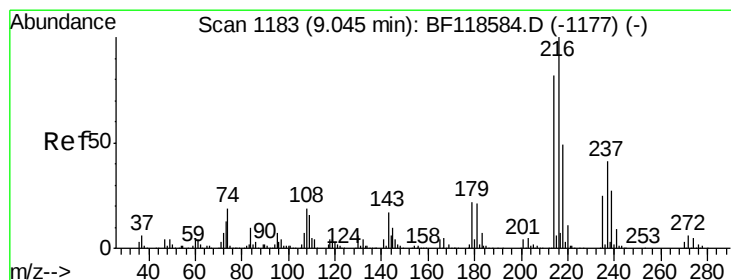
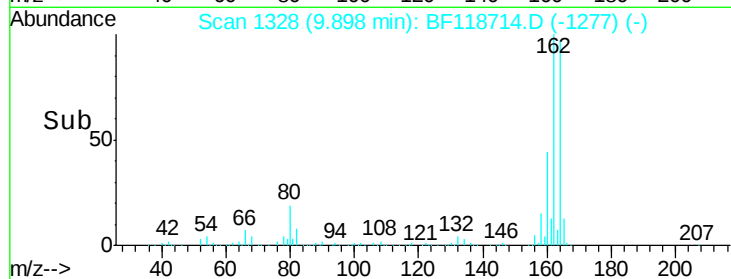
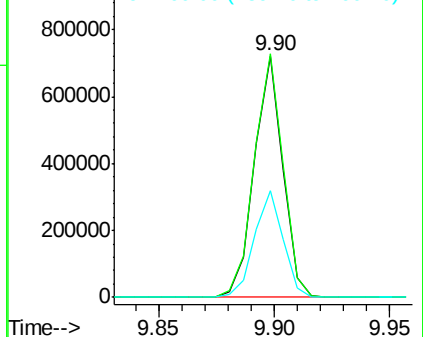
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 621513
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.2 35.4 53.0

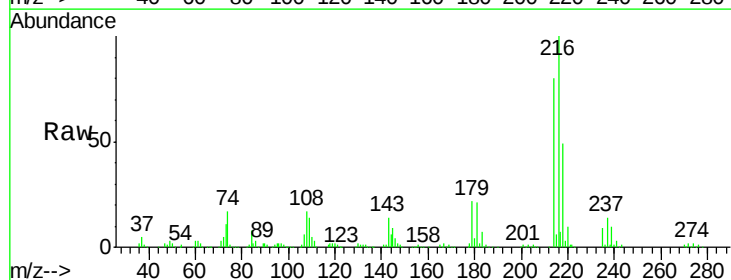


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

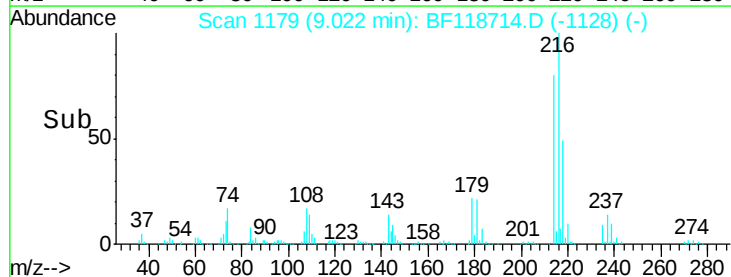
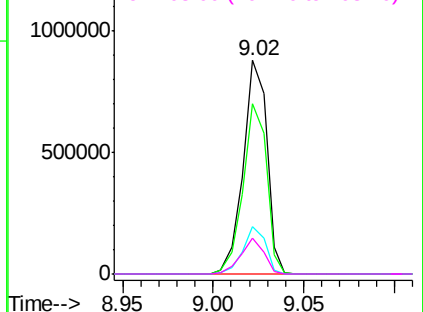


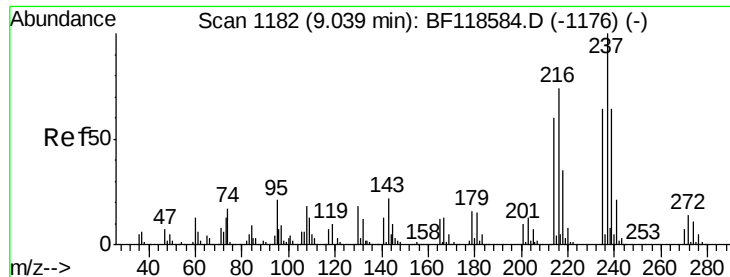
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.987 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:216 Resp: 797065
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 21.2 17.0 25.4
108 16.3 13.0 19.6



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: 33.228 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

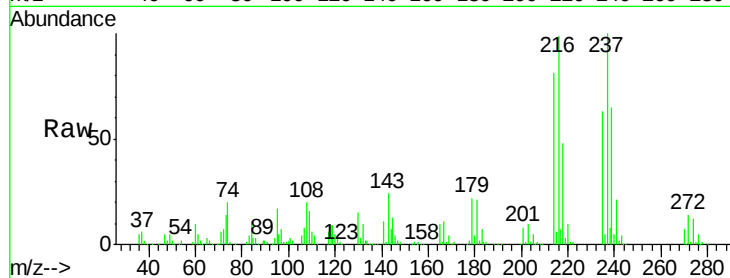
Tot Ion:237 Resp: 326016

Ion Ratio Lower Upper

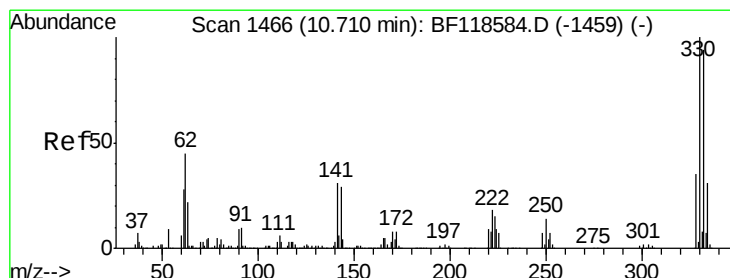
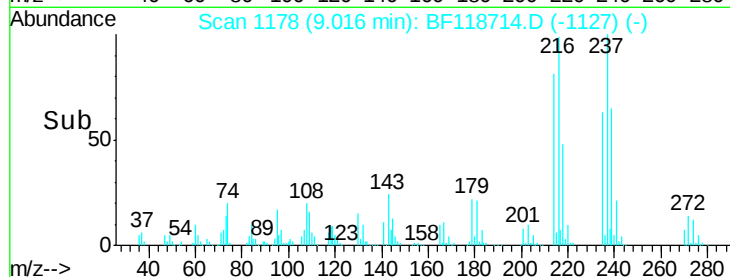
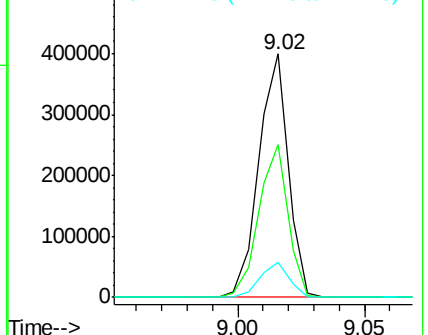
237 100

235 62.7 42.7 82.7

272 14.4 0.0 34.4



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: 86.126 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

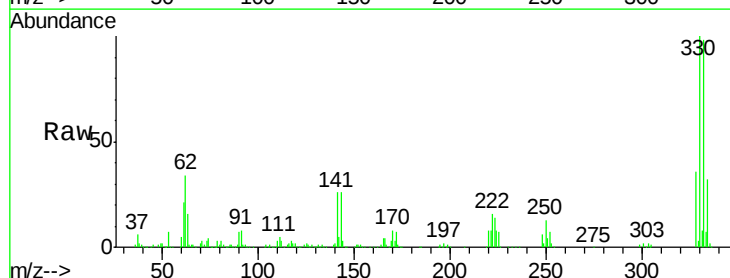
Tgt Ion:330 Resp: 619122

Ion Ratio Lower Upper

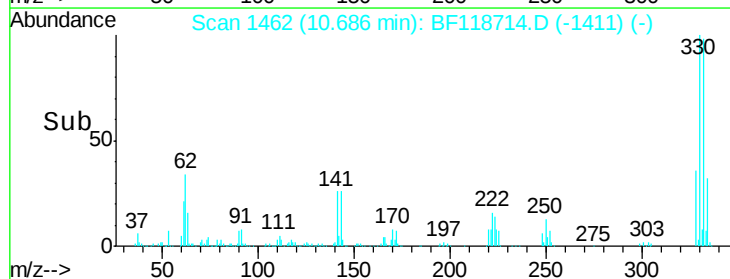
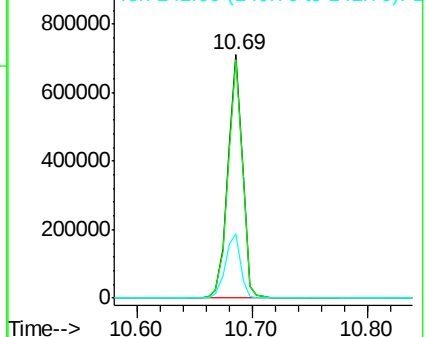
330 100

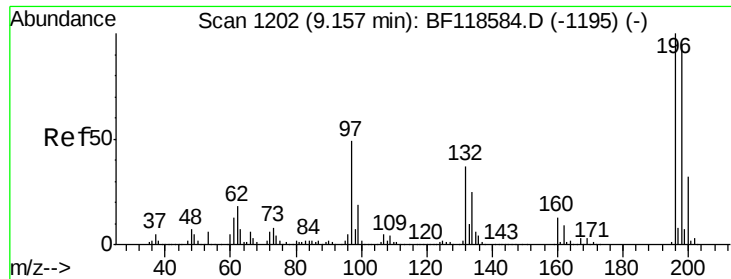
332 97.0 77.6 116.4

141 27.7 22.2 33.2



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

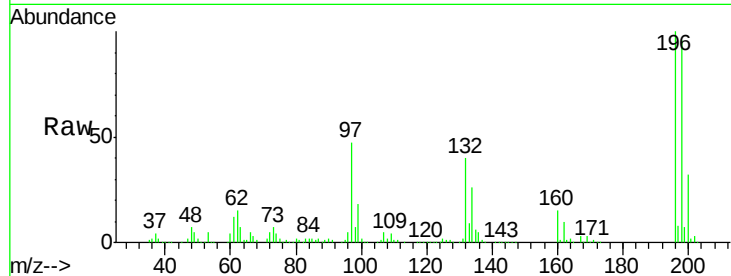




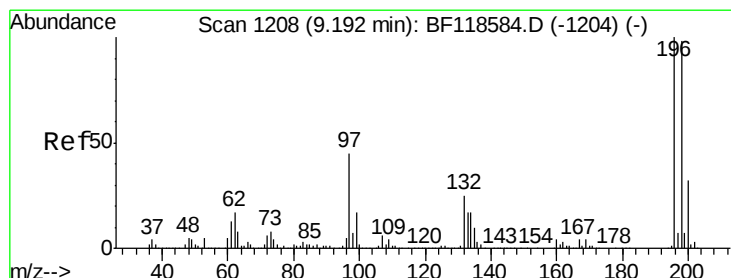
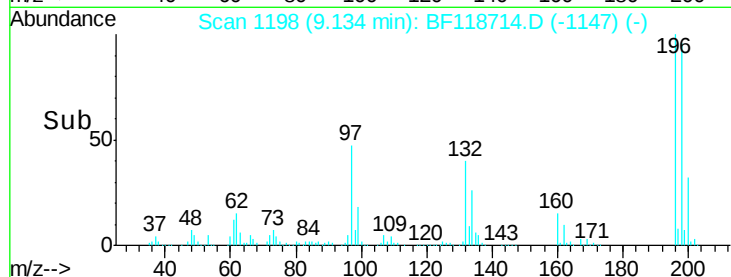
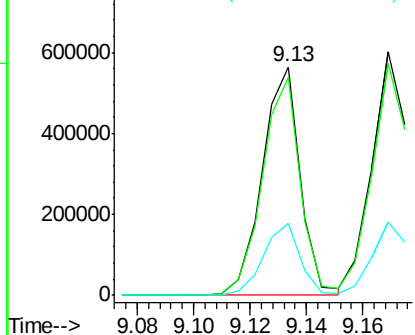
#43
2,4,6-Trichlorophenol
Concen: 40.804 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 526554
Ion Ratio Lower Upper
196 100
198 95.5 76.4 114.6
200 31.8 25.4 38.2

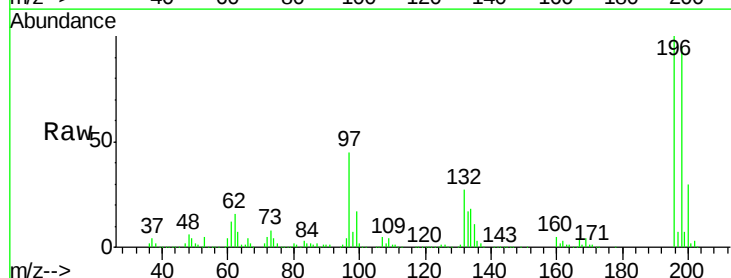


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

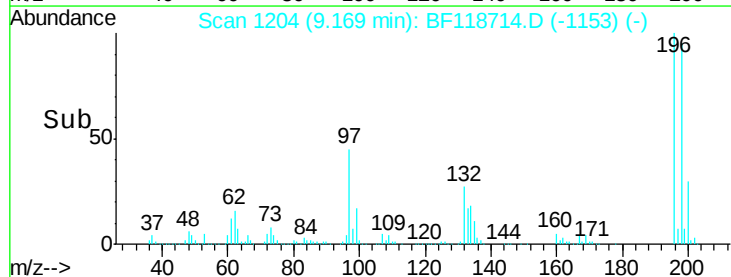
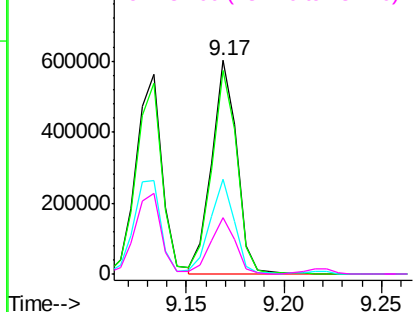


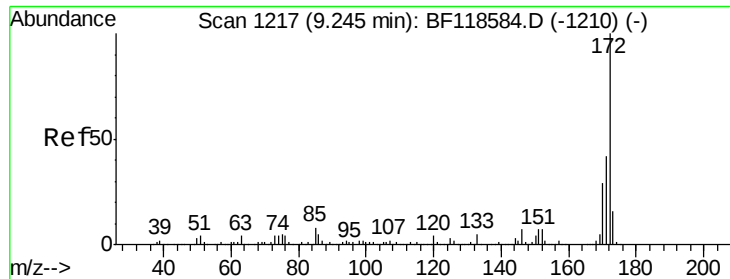
#44
2,4,5-Trichlorophenol
Concen: 40.667 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:196 Resp: 535960
Ion Ratio Lower Upper
196 100
198 95.3 76.2 114.4
97 44.6 35.7 53.5
132 26.7 21.4 32.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

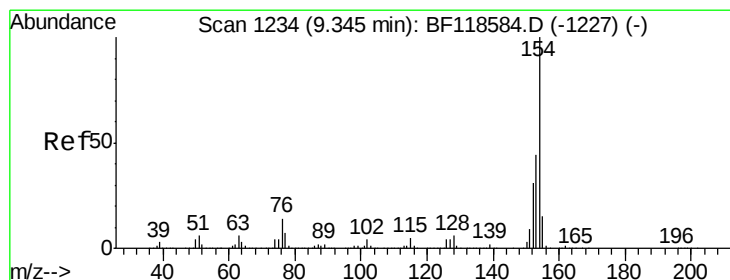
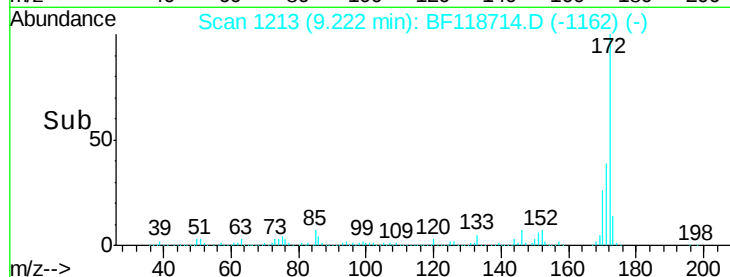
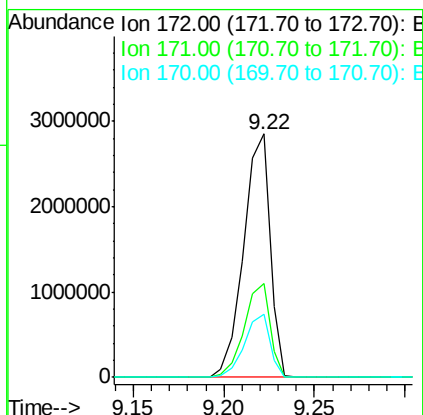
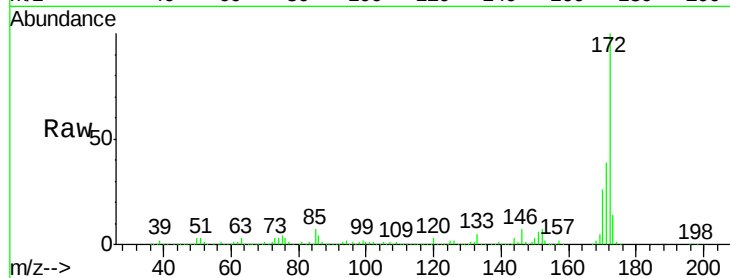




#45
 2-Fluorobiphenyl
 Concen: 76.655 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

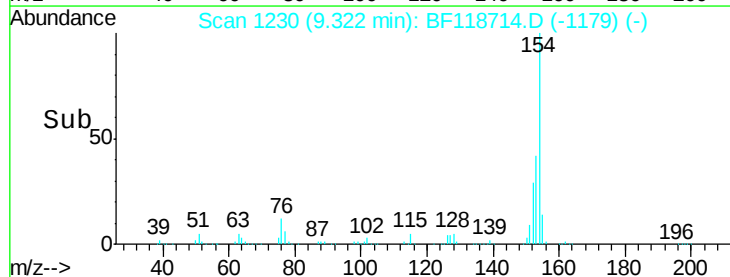
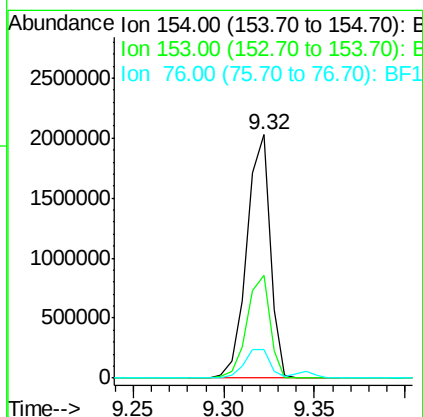
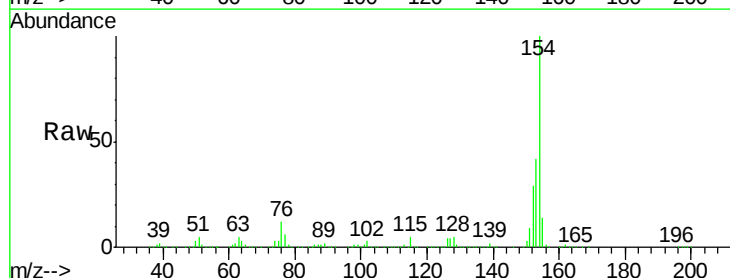
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

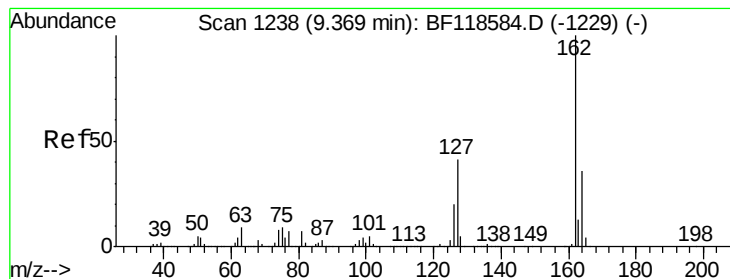
Tot Ion:172 Resp: 2898633
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 25.9 20.7 31.1



#46
 1,1'-Biphenyl
 Concen: 42.407 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

Tgt Ion:154 Resp: 1816489
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.3 62.3
 76 12.0 0.0 32.0





#47

2-Chloronaphthalene

Concen: 41.714 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

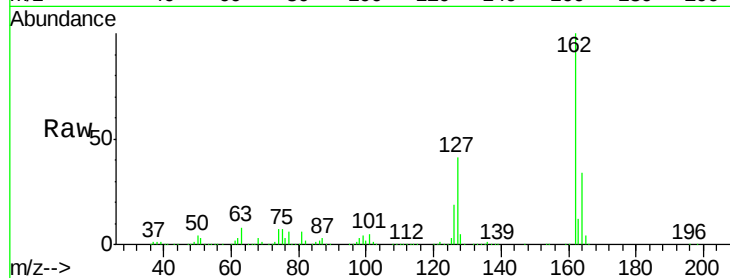
Tot Ion:162 Resp: 1506046

Ion Ratio Lower Upper

162 100

127 41.1 32.9 49.3

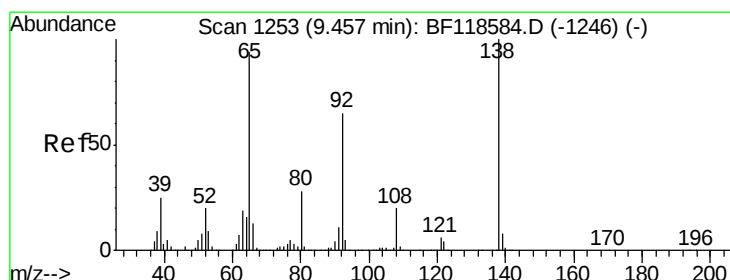
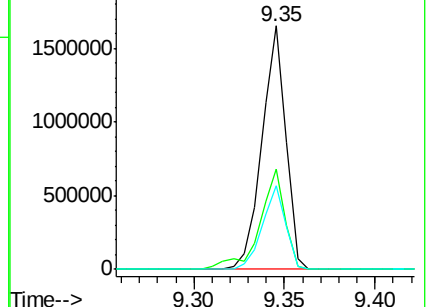
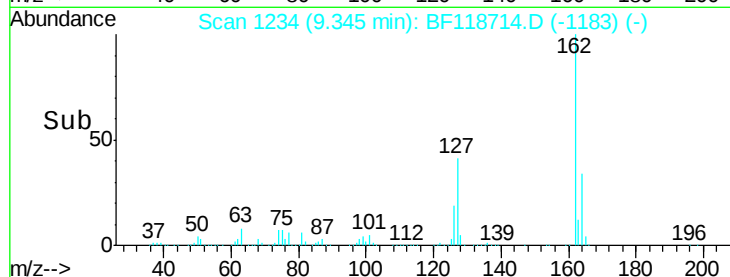
164 34.4 27.5 41.3



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: 38.168 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

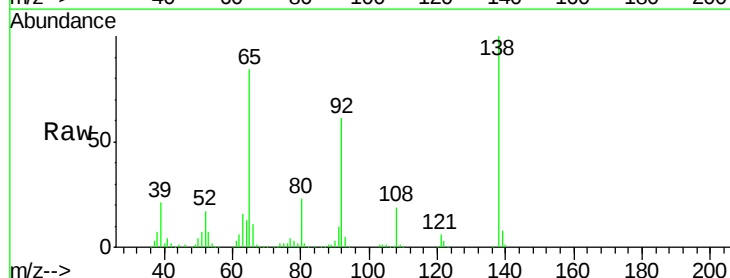
Tgt Ion: 65 Resp: 423606

Ion Ratio Lower Upper

65 100

92 72.2 57.8 86.6

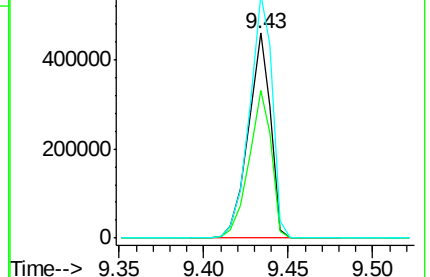
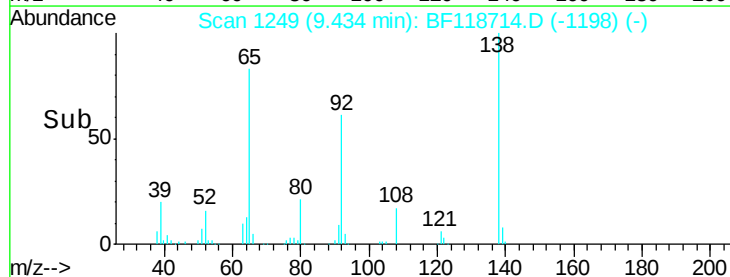
138 118.9 95.1 142.7

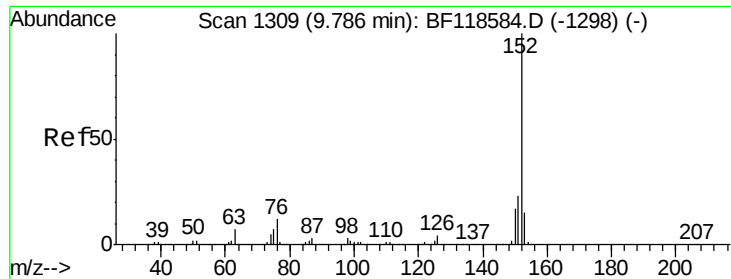


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.580 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

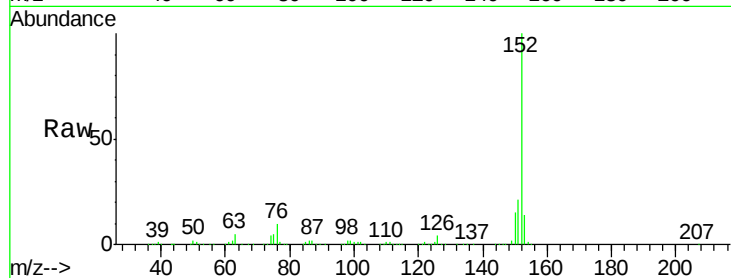
Tot Ion:152 Resp: 2162699

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

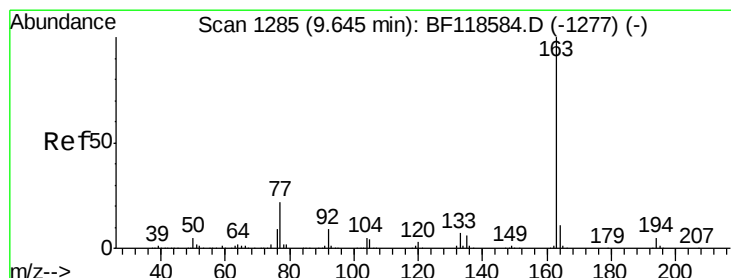
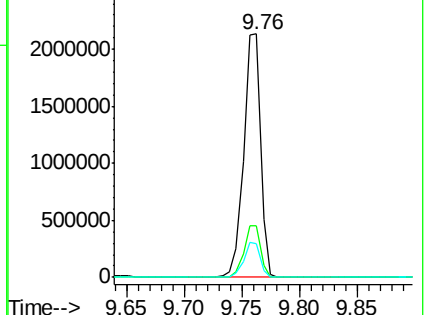
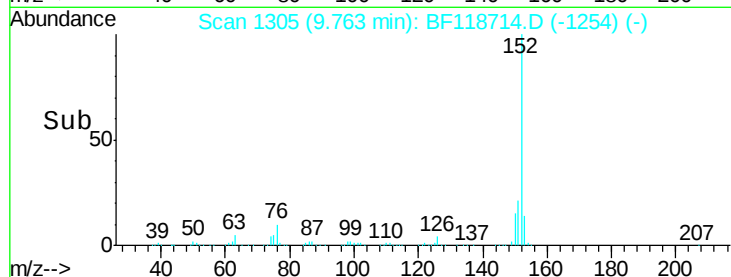
153 13.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.891 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

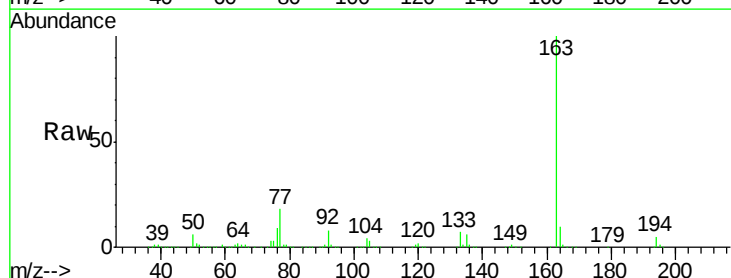
Tgt Ion:163 Resp: 1736762

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

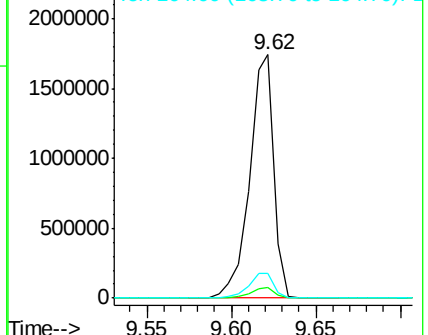
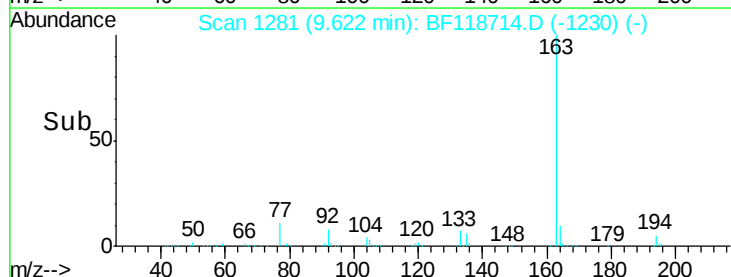
164 10.2 8.2 12.2

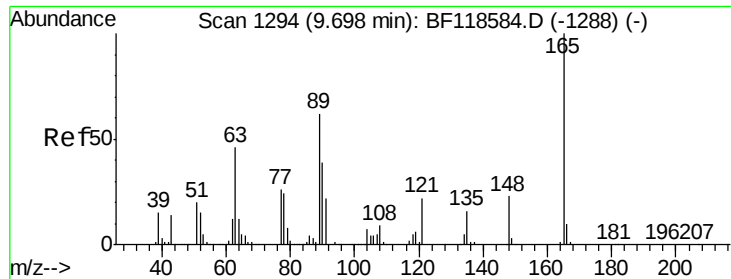


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

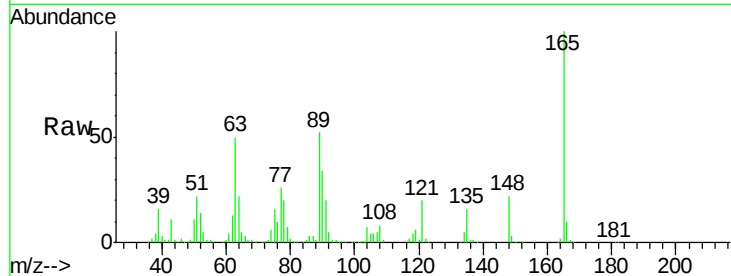




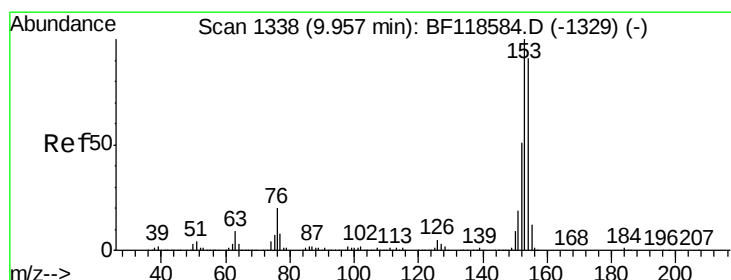
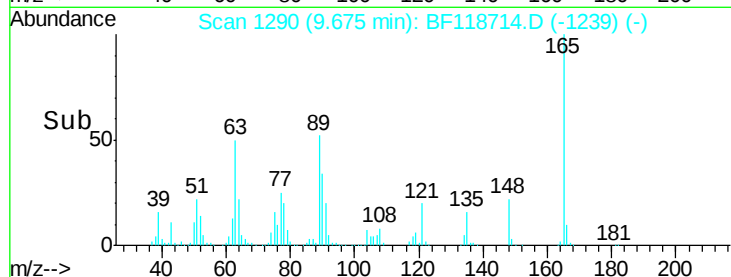
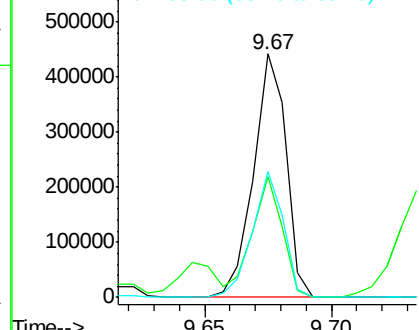
#51
2,6-Dinitrotoluene
Concen: 43.730 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 396513
Ion Ratio Lower Upper
165 100
63 49.7 39.8 59.6
89 51.8 41.4 62.2

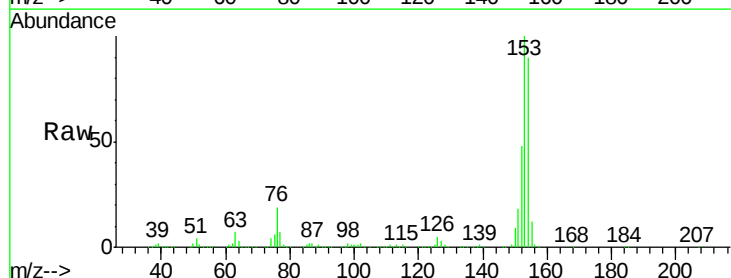


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

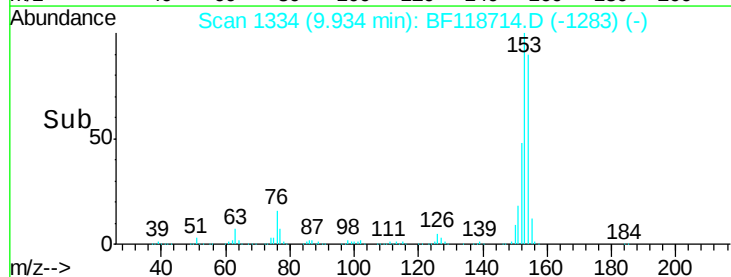
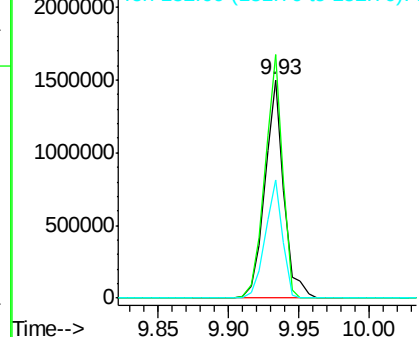


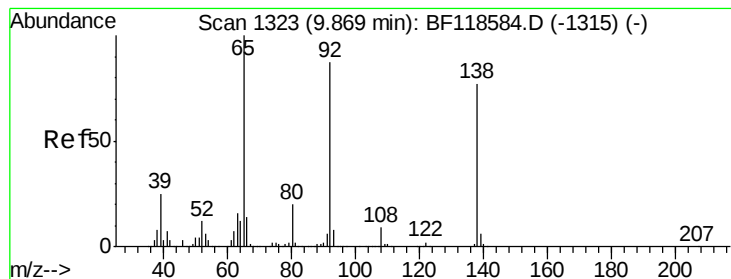
#52
Acenaphthene
Concen: 41.744 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:154 Resp: 1417755
Ion Ratio Lower Upper
154 100
153 111.4 89.1 133.7
152 53.8 43.0 64.6



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: 42.753 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

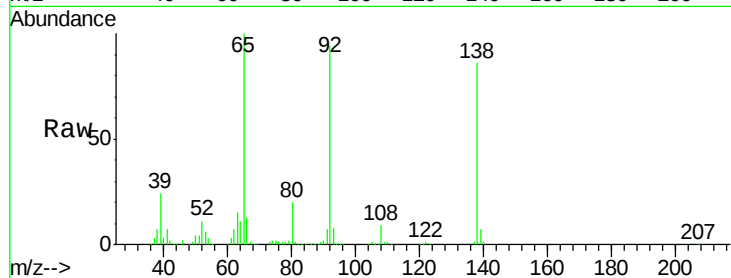
Tot Ion:138 Resp: 442651

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

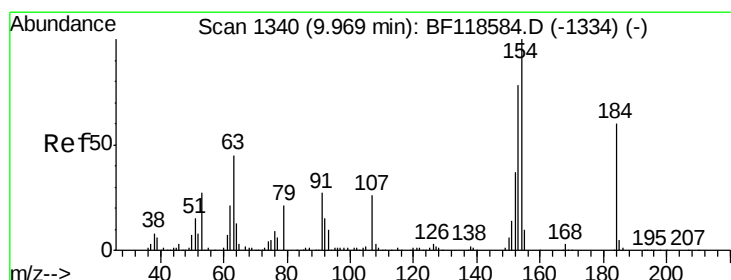
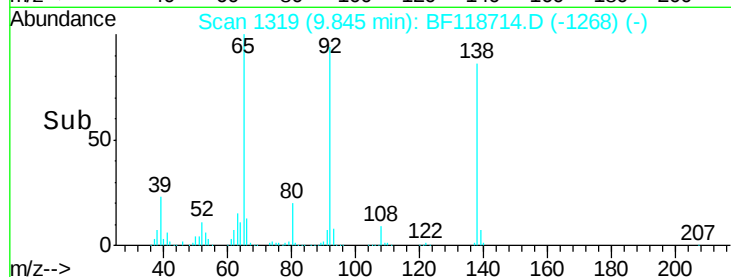
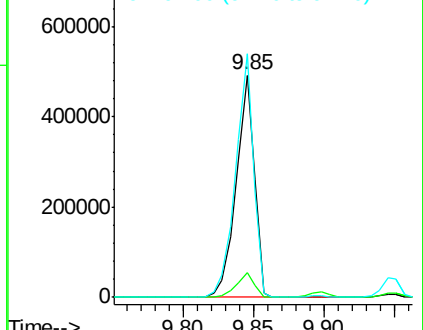
92 109.7 87.8 131.6



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: 47.246 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

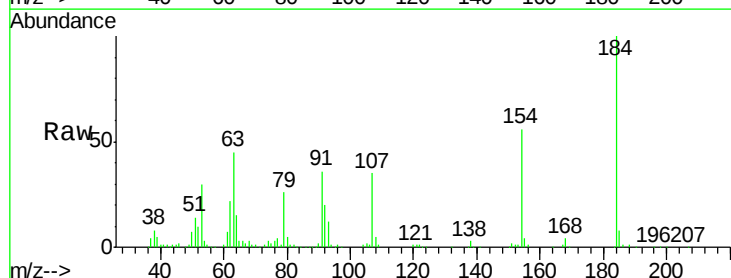
Tgt Ion:184 Resp: 171027

Ion Ratio Lower Upper

184 100

63 45.0 36.0 54.0

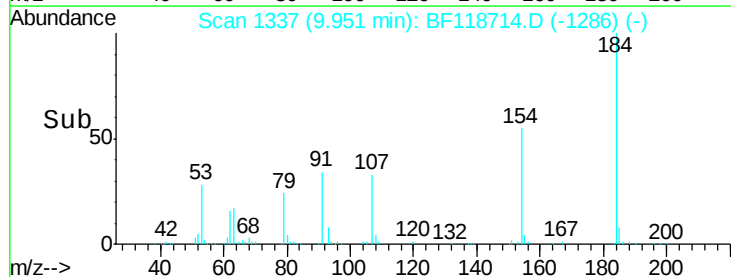
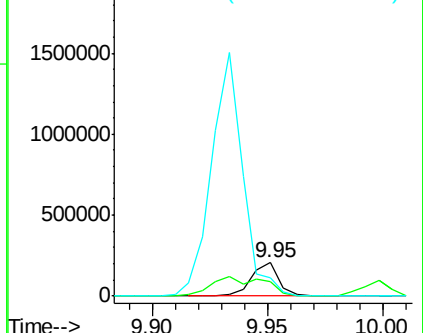
154 55.7 44.6 66.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

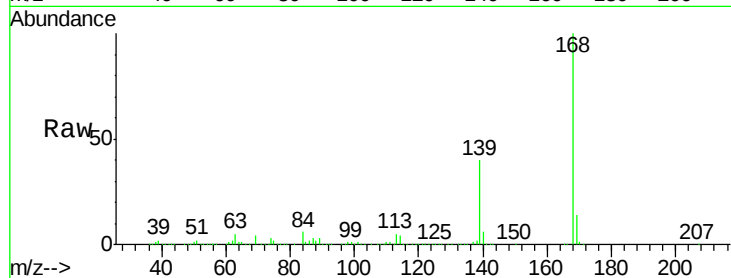




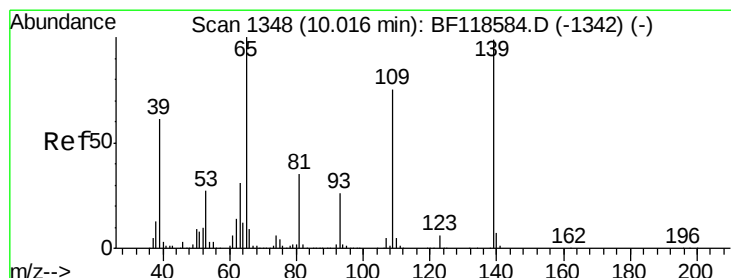
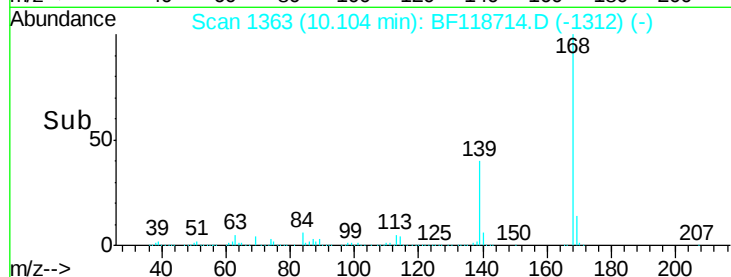
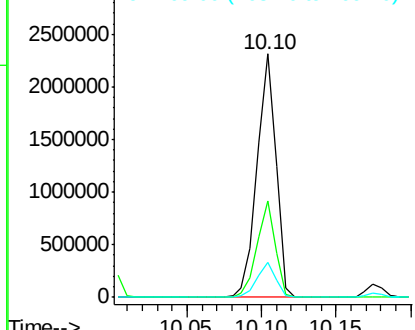
#55
Dibenzofuran
Concen: 42.681 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2008852
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 14.2 11.4 17.0

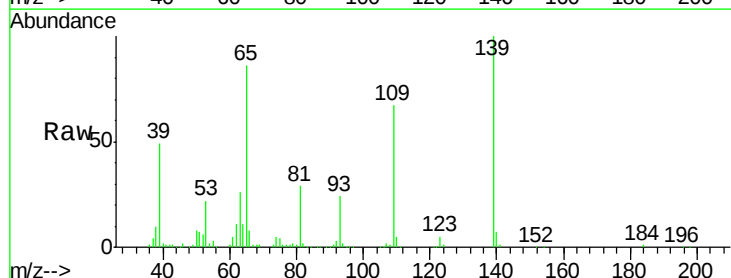


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

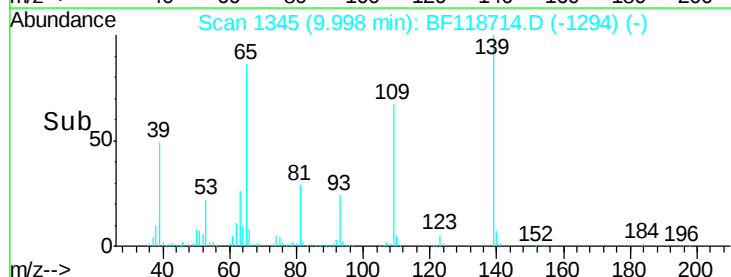
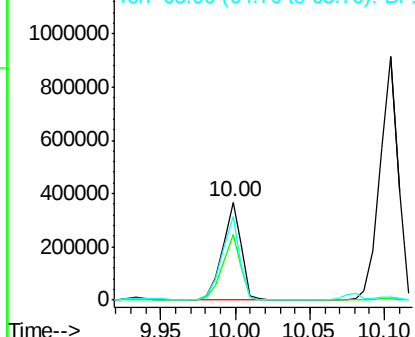


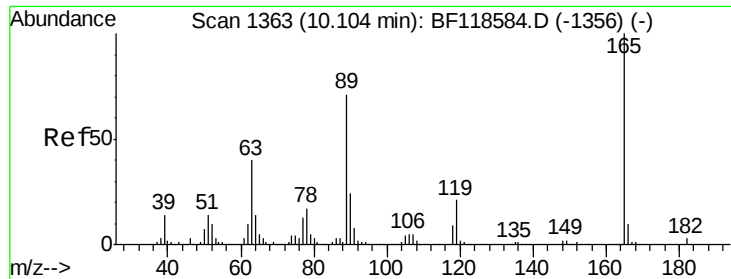
#56
4-Nitrophenol
Concen: 42.136 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:139 Resp: 329338
Ion Ratio Lower Upper
139 100
109 67.0 47.0 87.0
65 85.7 65.7 105.7



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

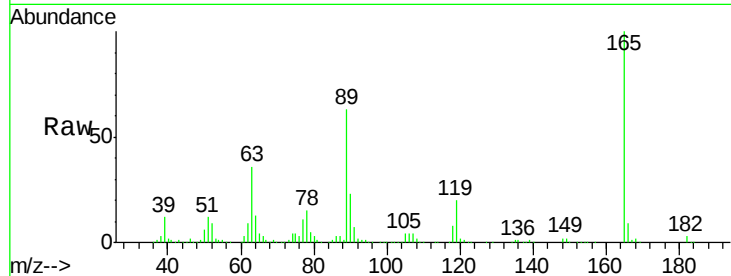




#57
2,4-Dinitrotoluene
Concen: 46.041 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	526283
Ion	Ratio	Lower	Upper
165	100		
63	35.6	28.5	42.7
89	63.0	50.4	75.6
182	2.9	2.3	3.5

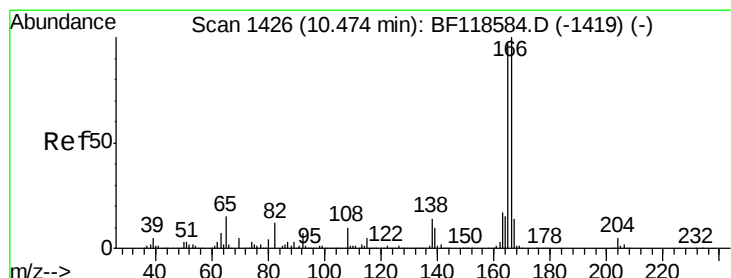
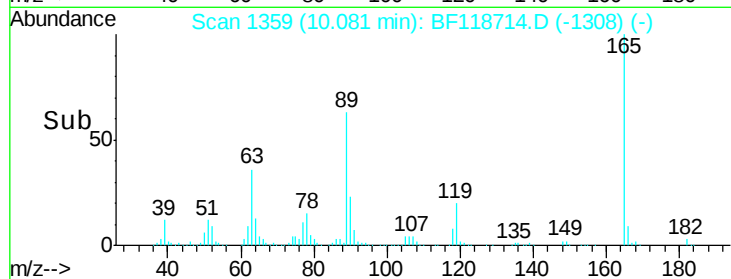
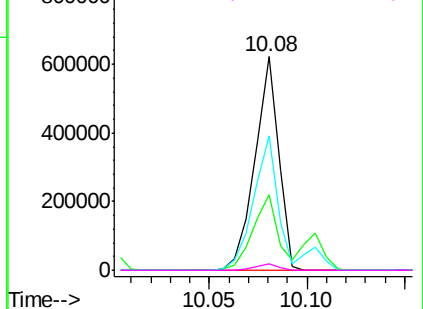


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

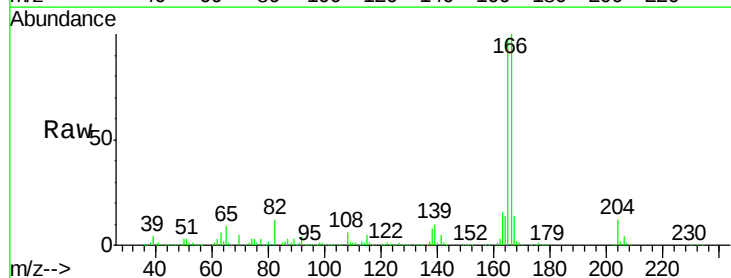
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.971 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

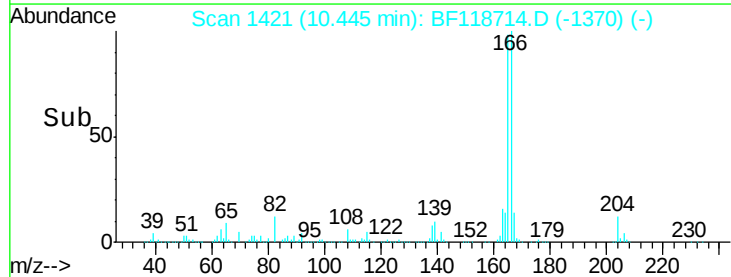
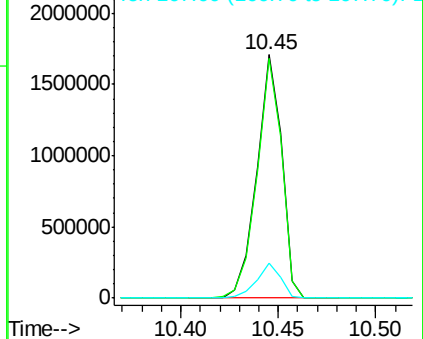
Tgt Ion:	166	Resp:	1513859
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	14.3	11.4	17.2

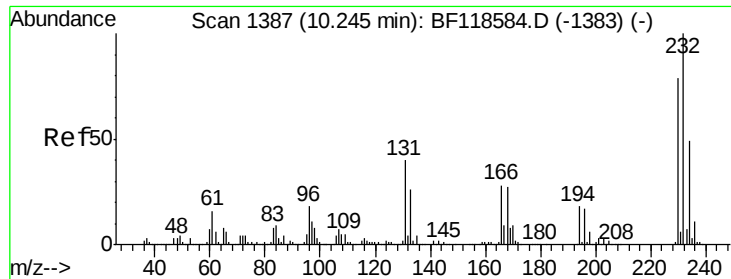


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

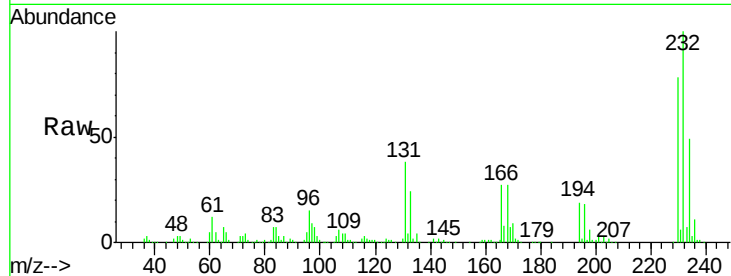




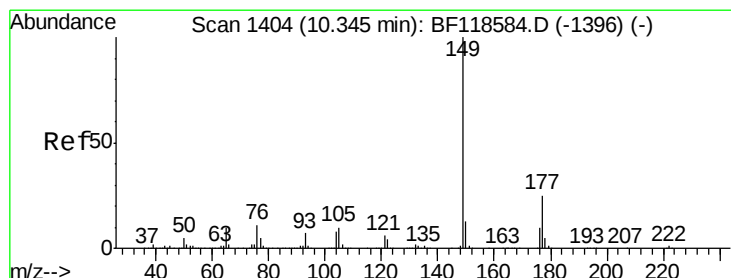
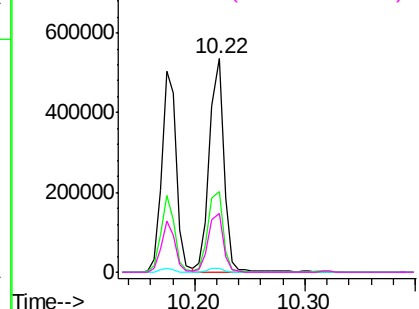
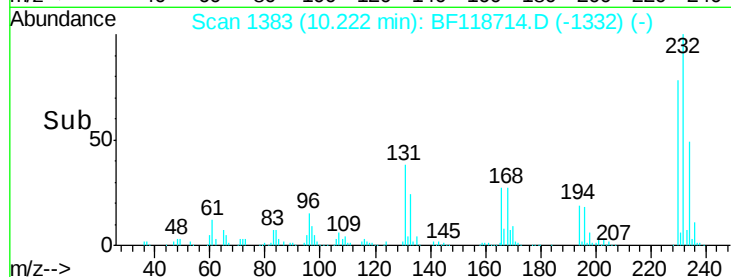
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.828 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	1.9	1.5	2.3
166	28.5	22.8	34.2

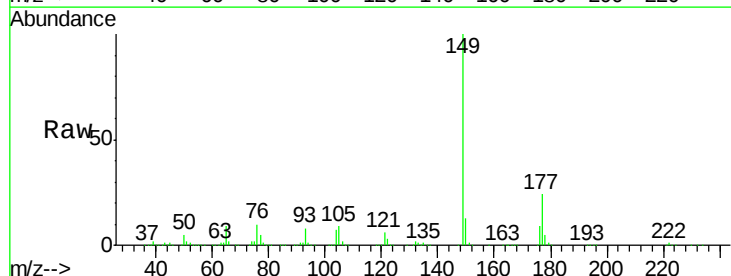


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

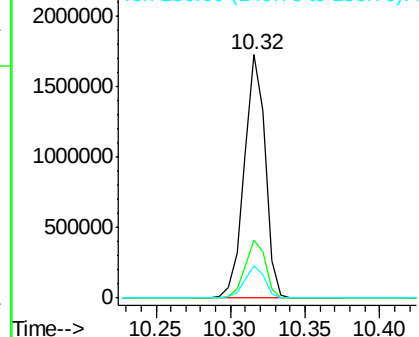
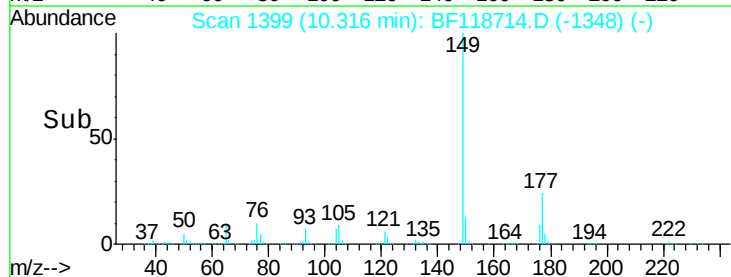


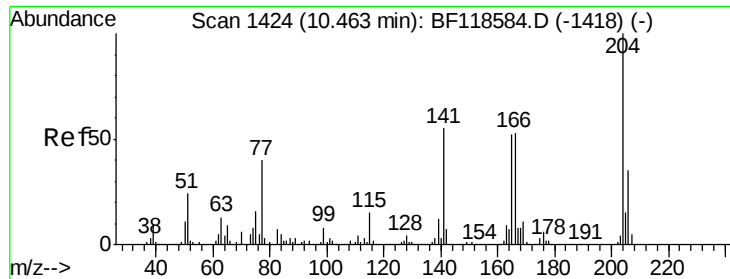
#60
Diethylphthalate
Concen: 42.833 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.1	10.5	15.7



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

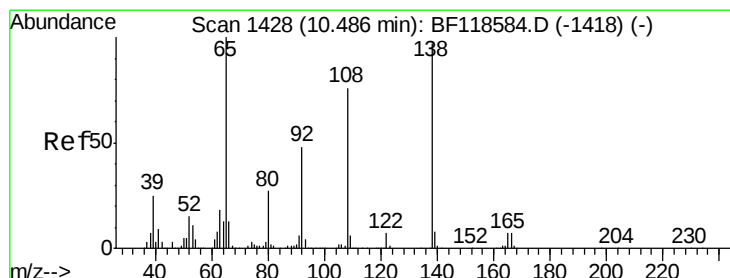
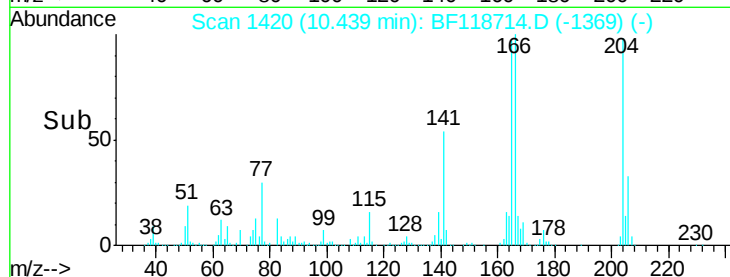
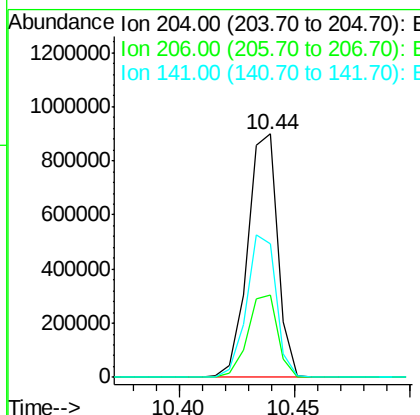
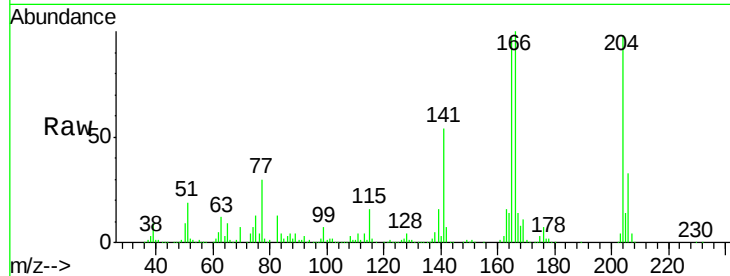




#61
4-Chlorophenyl-phenylether
Concen: 40.881 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

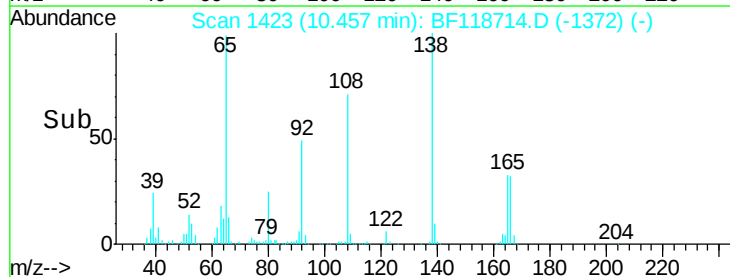
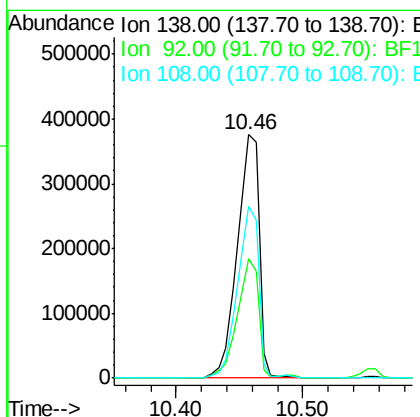
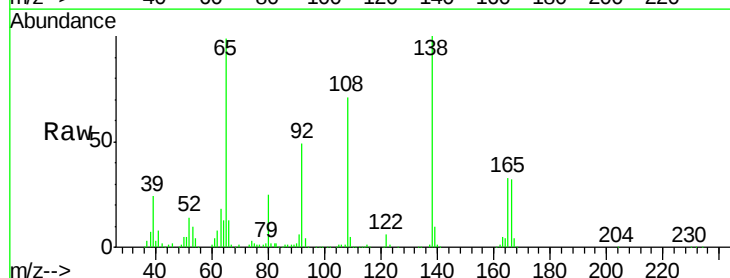
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

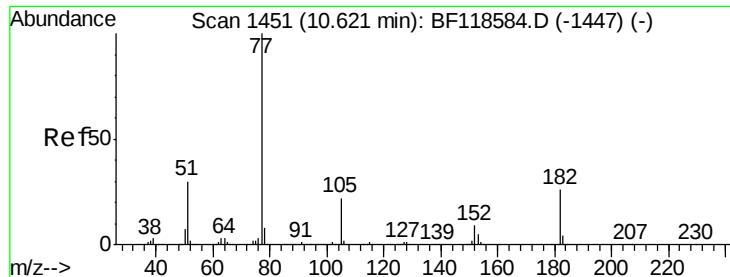
Tot Ion:204 Resp: 821550
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.6
141 54.9 43.9 65.9



#62
4-Nitroaniline
Concen: 42.017 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:138 Resp: 446237
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 70.8 50.8 90.8

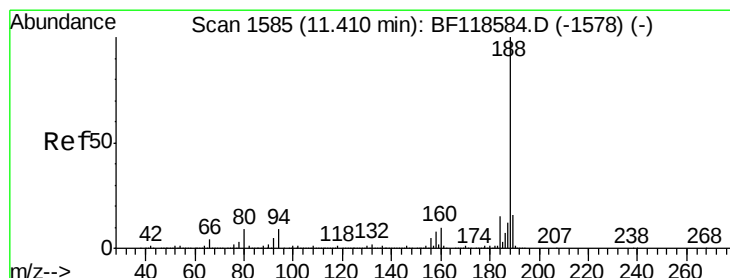
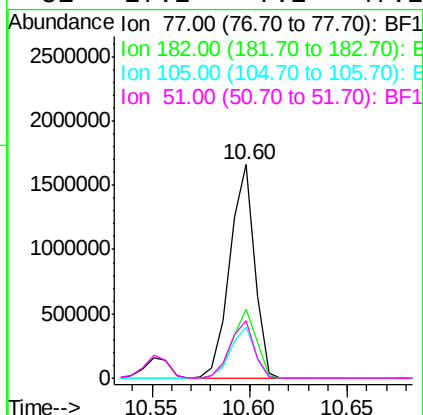
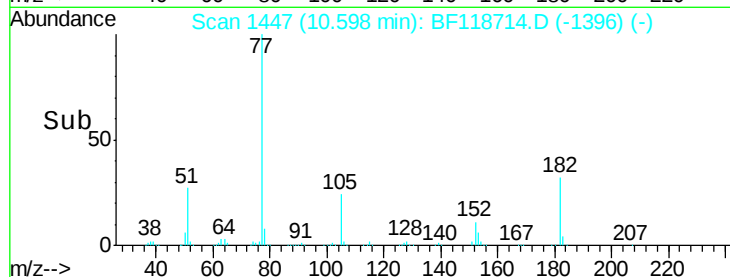
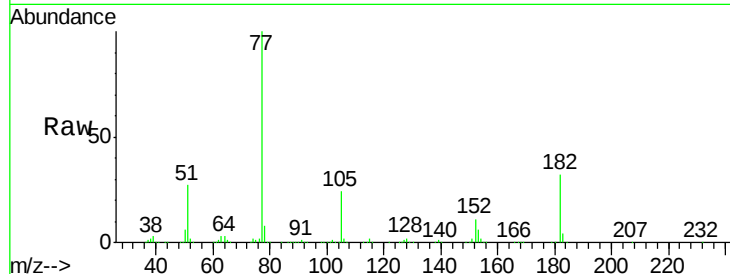




#63
Azobenzene
Concen: 38.388 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

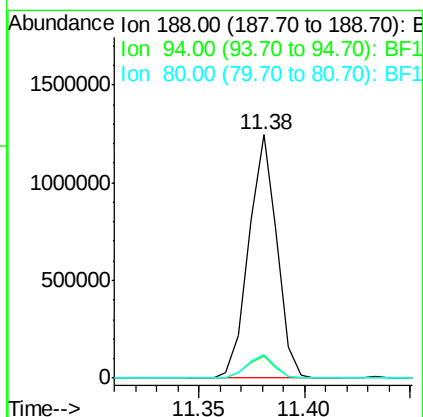
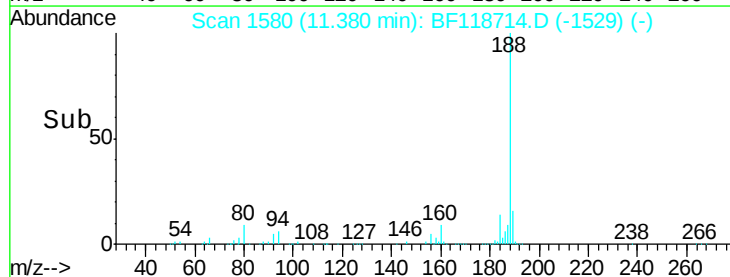
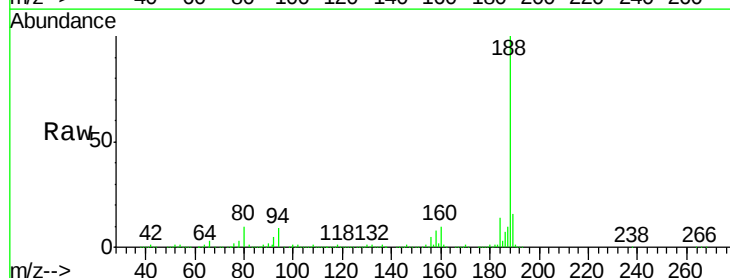
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1459580
Ion Ratio Lower Upper
77 100
182 32.3 12.3 52.3
105 24.0 4.0 44.0
51 27.2 7.2 47.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion: 188 Resp: 1150246
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.8 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 50.007 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

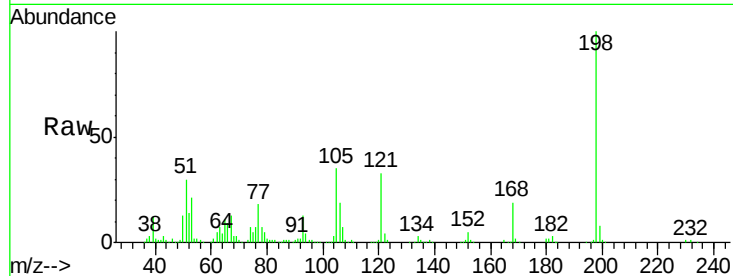
Tot Ion:198 Resp: 252929

Ion Ratio Lower Upper

198 100

51 29.6 9.6 49.6

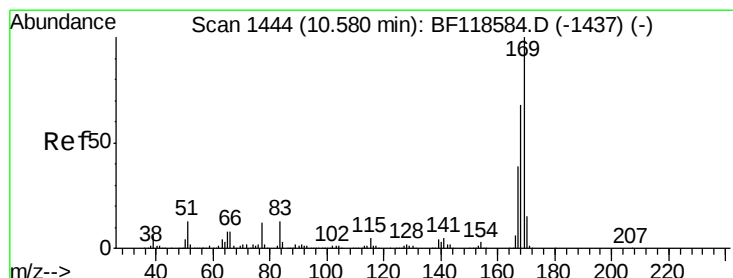
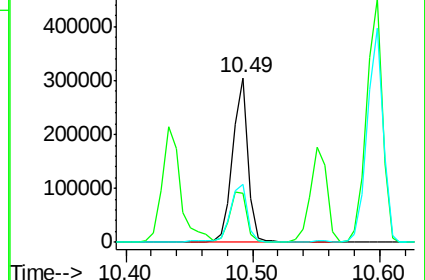
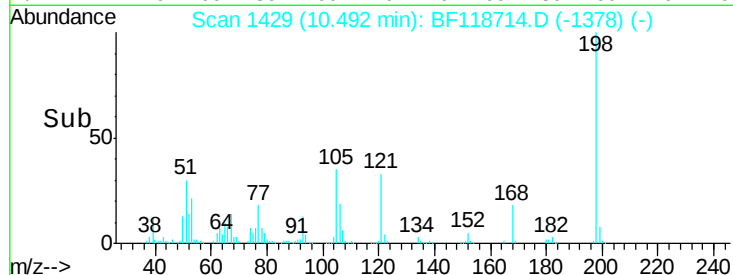
105 35.5 15.5 55.5



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: 40.906 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

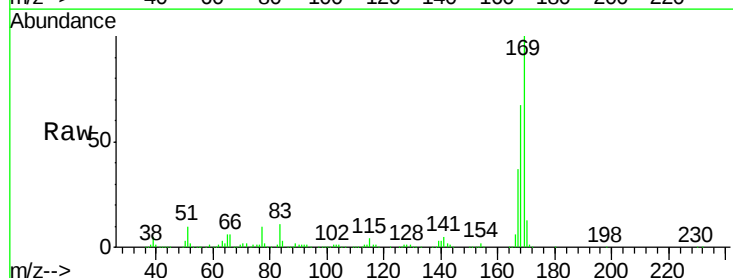
Tgt Ion:169 Resp: 1418978

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

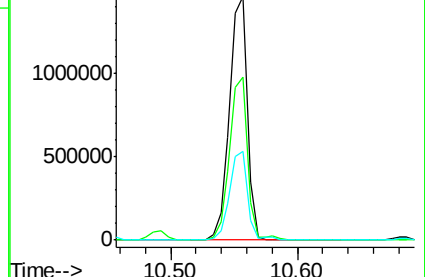
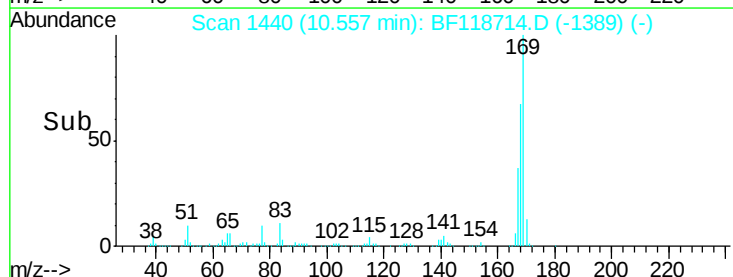
167 36.5 29.2 43.8



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

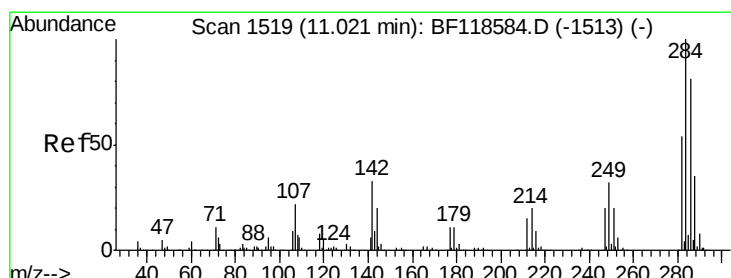
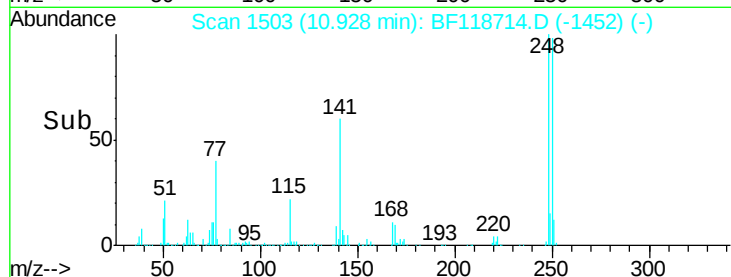
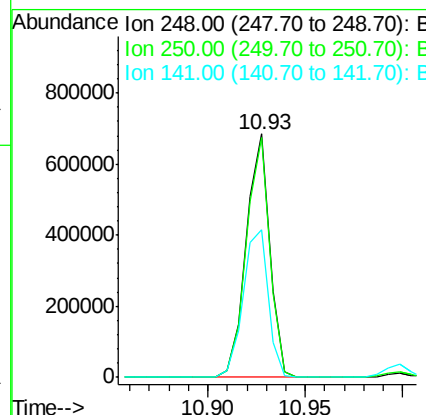
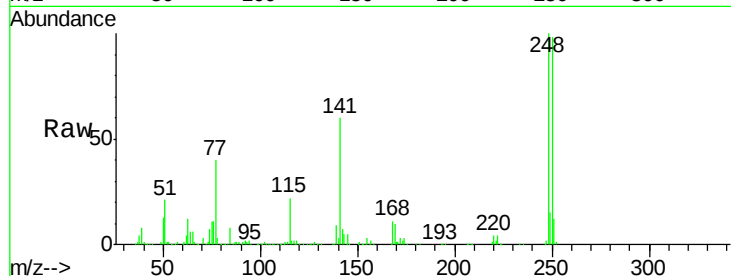




#67
4-Bromophenyl-phenylether
Concen: 40.337 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

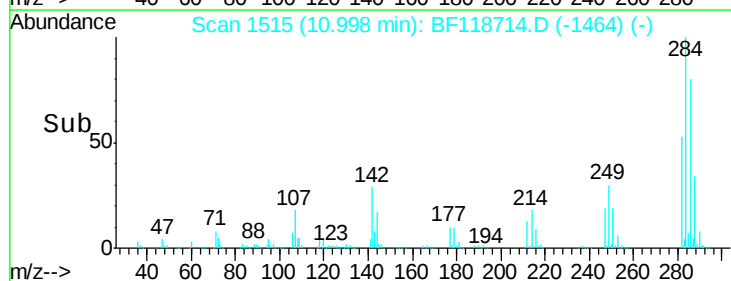
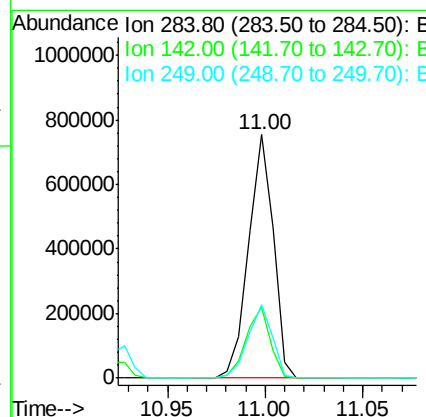
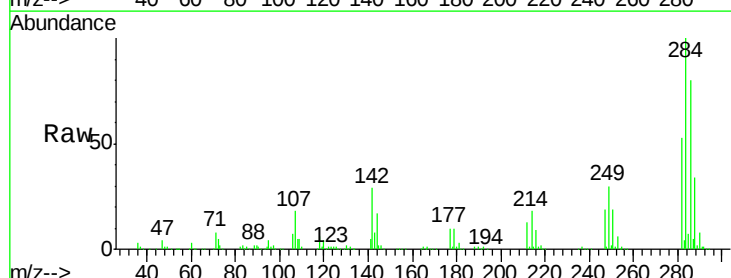
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

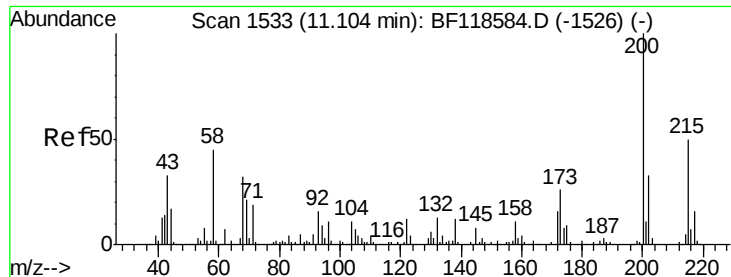
Tot Ion:248 Resp: 573227
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 60.5 48.4 72.6



#68
Hexachlorobenzene
Concen: 41.197 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:284 Resp: 663738
Ion Ratio Lower Upper
284 100
142 28.9 23.1 34.7
249 30.0 24.0 36.0

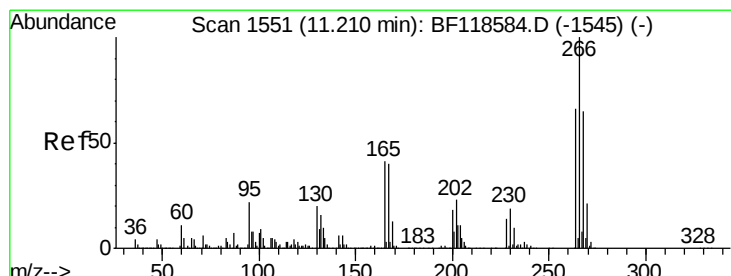
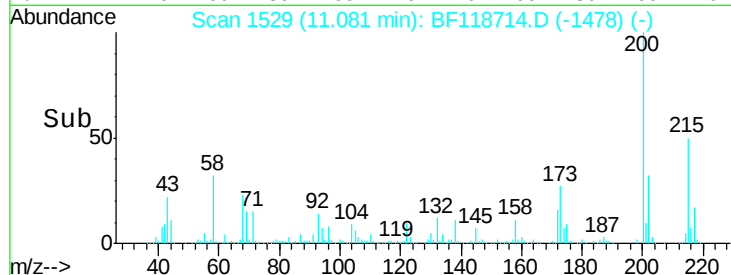
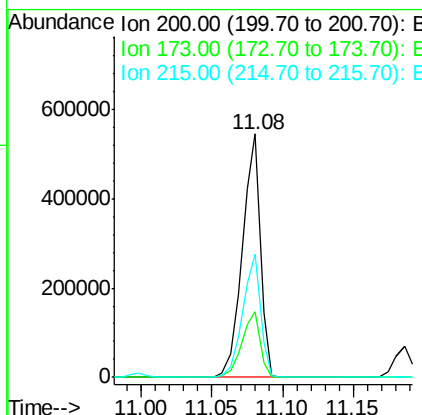
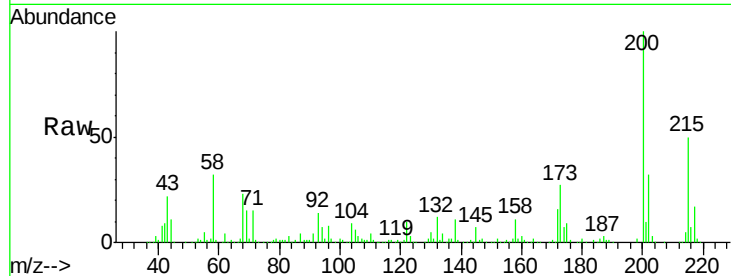




#69
Atrazine
Concen: 40.114 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

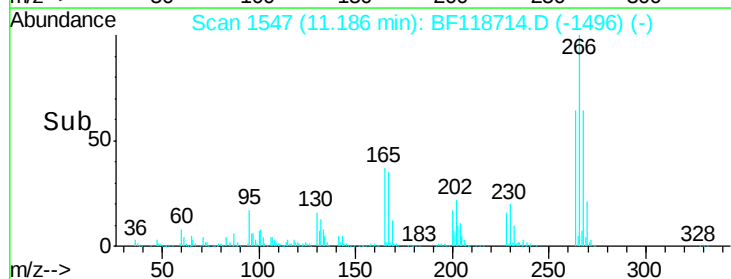
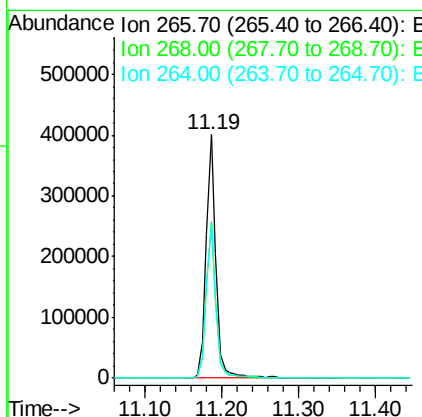
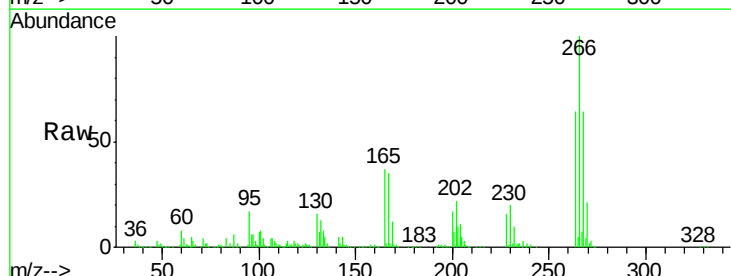
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

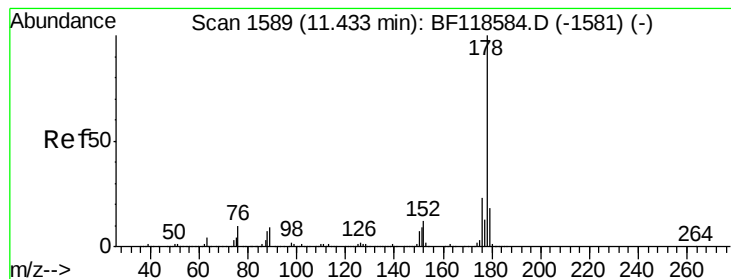
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.8	46.8
215	50.4	30.4	70.4



#70
Pentachlorophenol
Concen: 40.065 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.6	77.4
264	63.6	50.9	76.3





#71

Phenanthrene

Concen: 42.279 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

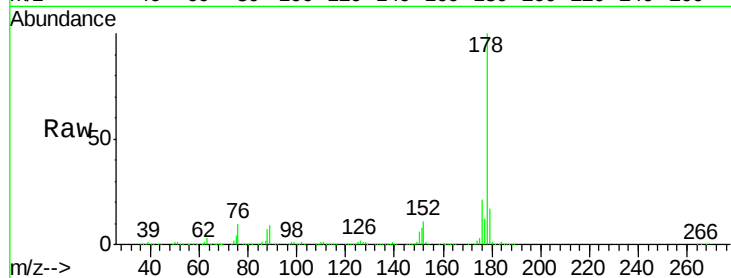
Tot Ion:178 Resp: 2346200

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

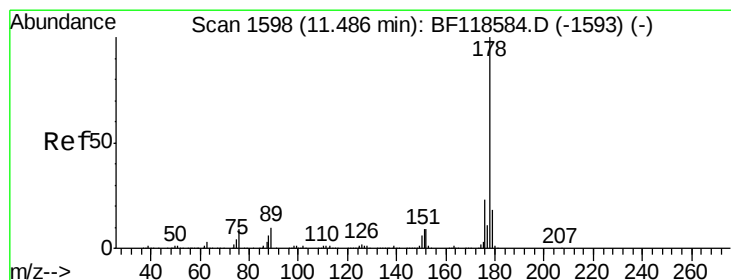
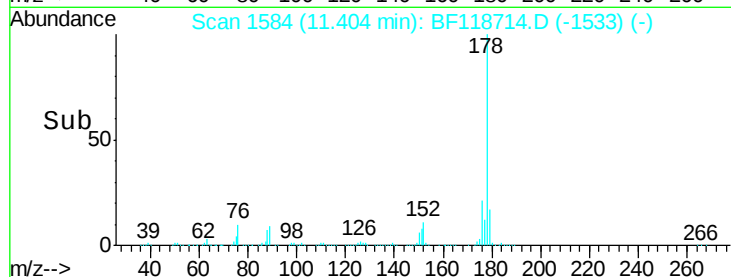
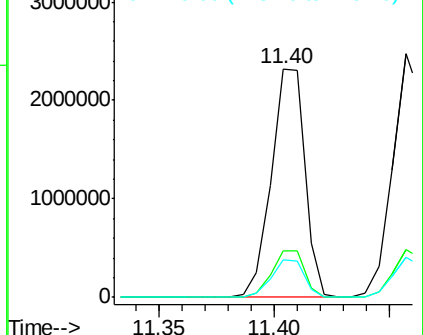
179 16.6 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.183 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

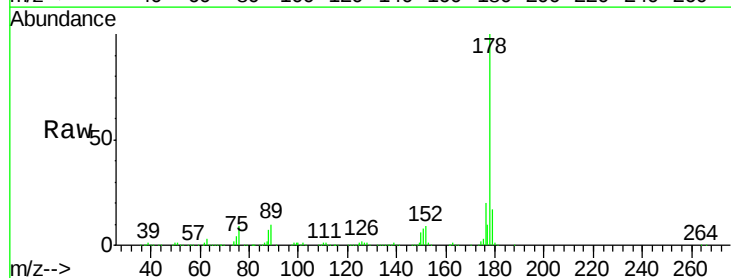
Tgt Ion:178 Resp: 2316258

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

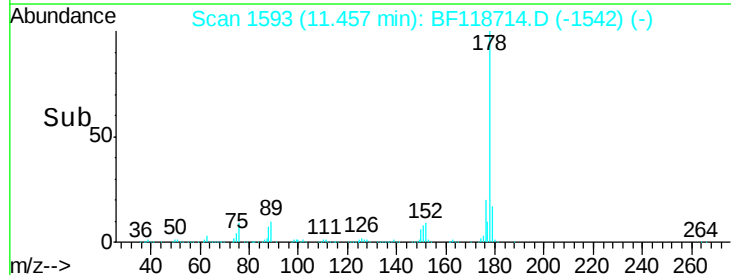
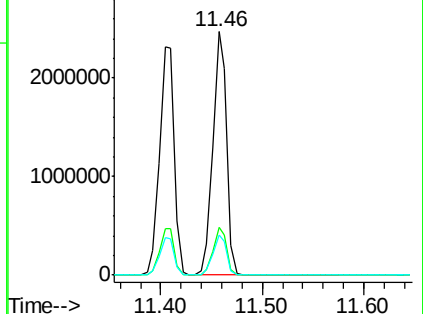
179 16.6 13.3 19.9

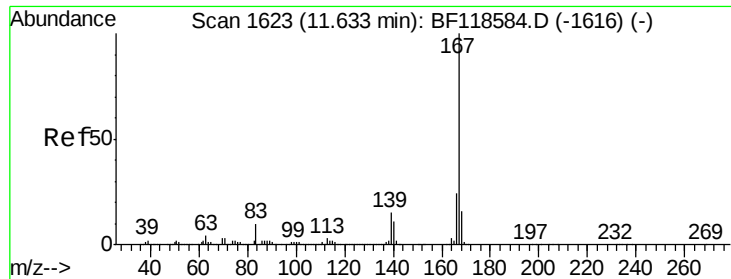


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

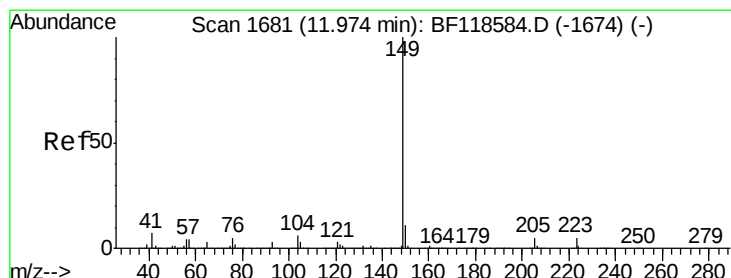
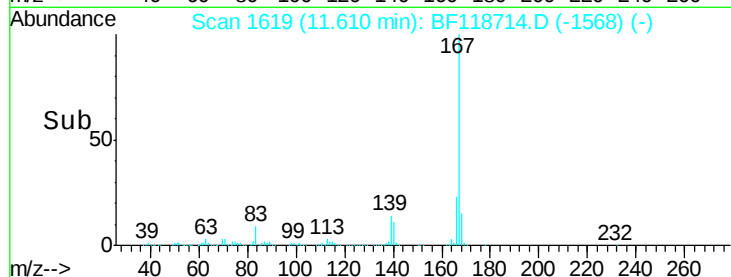
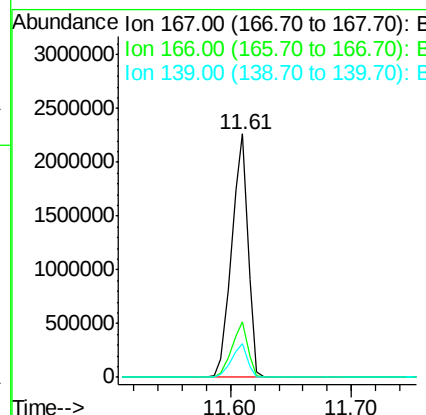
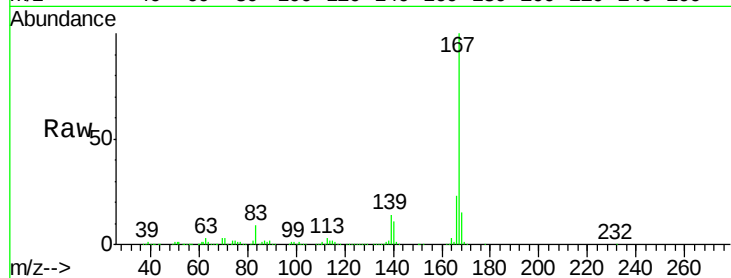




#73
 Carbazole
 Concen: 42.064 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

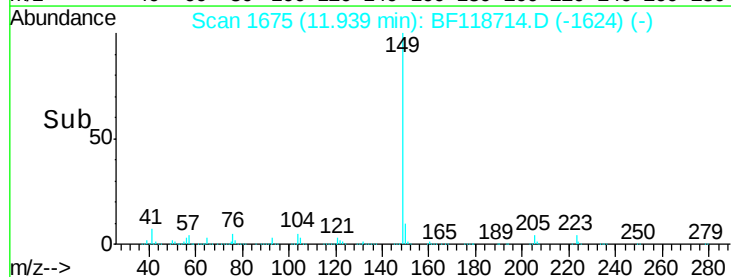
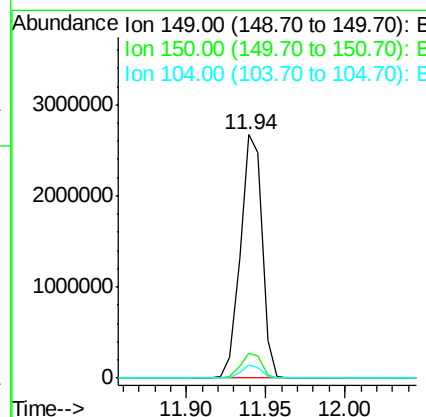
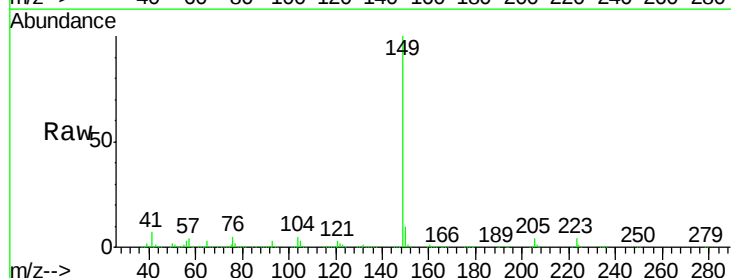
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2118589
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.3 27.5
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 45.138 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

Tgt Ion:149 Resp: 2525793
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.2
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 43.047 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

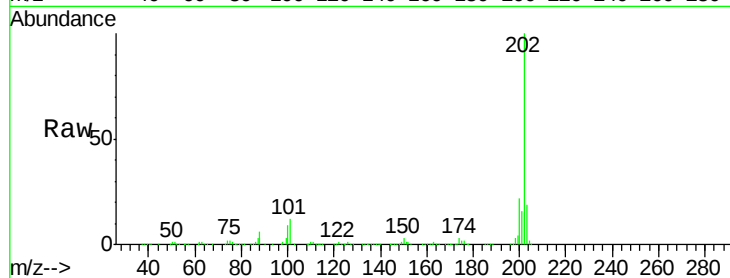
Tot Ion:202 Resp: 2519519

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

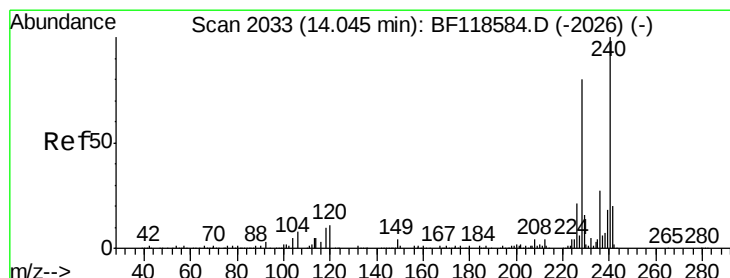
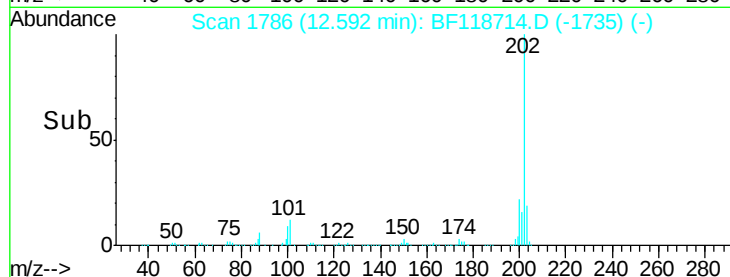
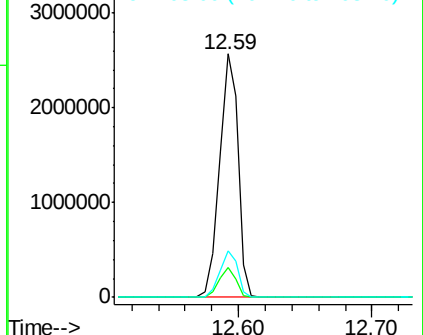
203 18.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

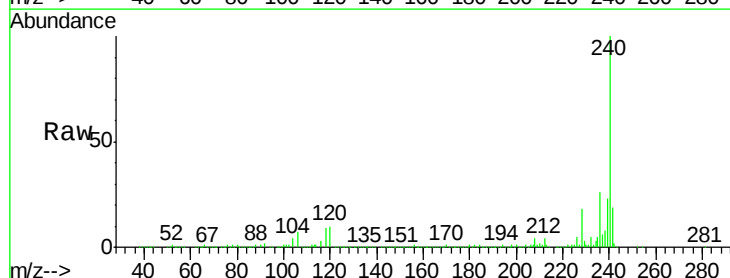
Tgt Ion:240 Resp: 880108

Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

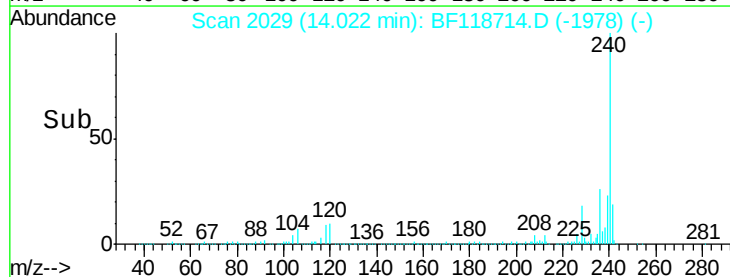
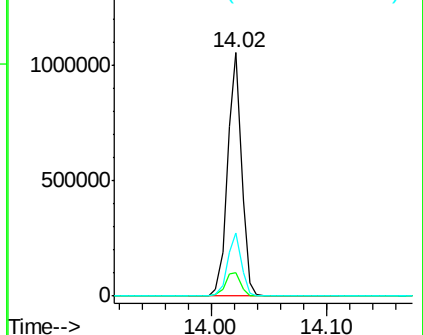
236 26.2 21.0 31.4

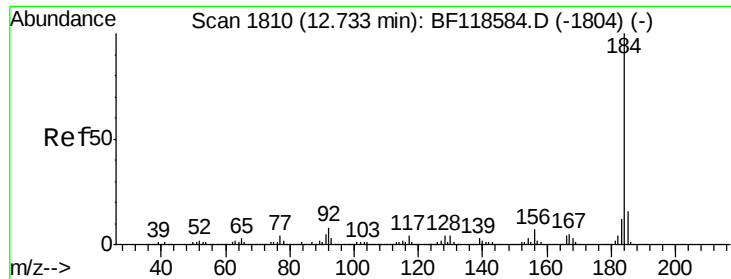


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.353 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

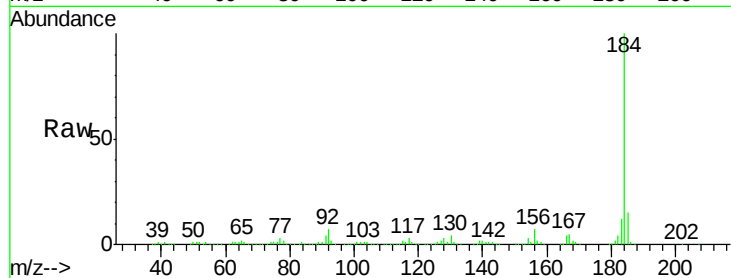
Tot Ion:184 Resp: 1113535

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

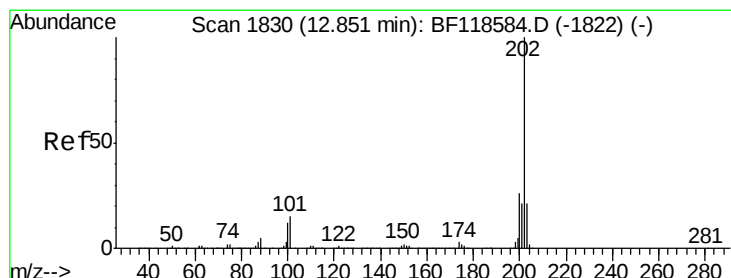
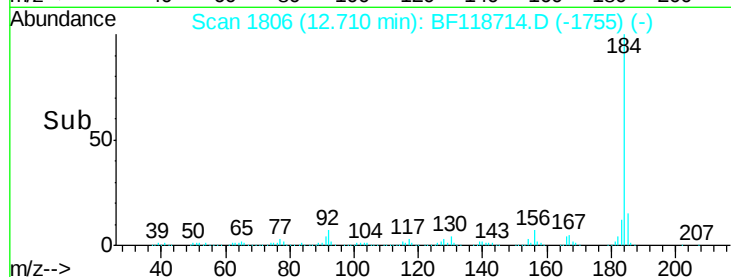
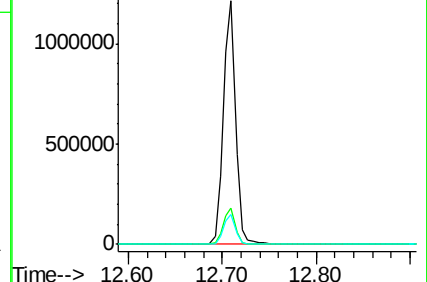
183 12.1 9.7 14.5



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: 42.681 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

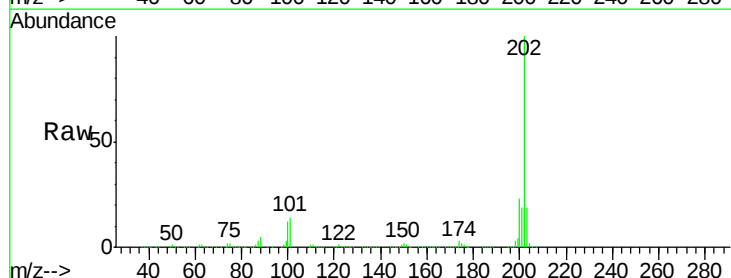
Tgt Ion:202 Resp: 2550229

Ion Ratio Lower Upper

202 100

200 22.6 18.1 27.1

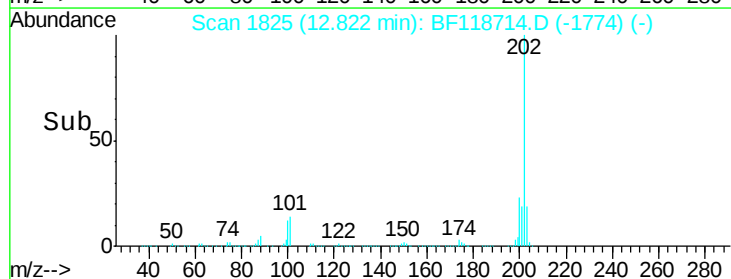
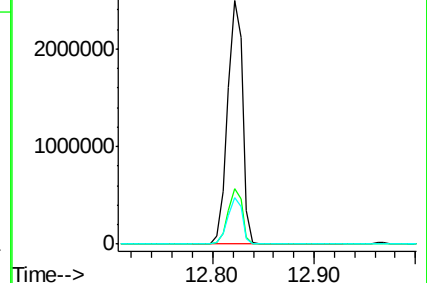
203 19.0 15.2 22.8

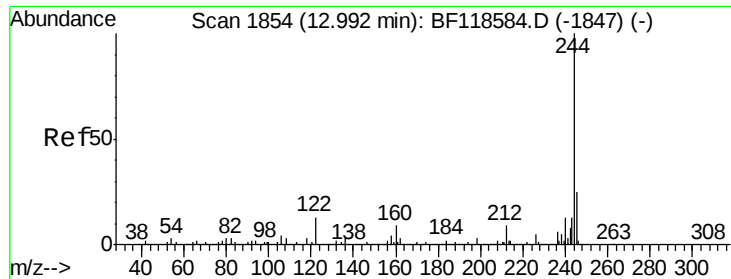


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.622 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

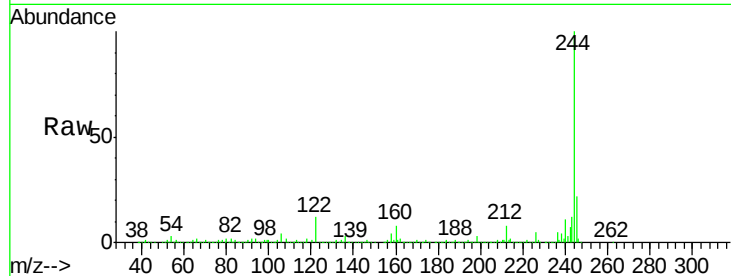
Tot Ion:244 Resp: 3535694

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

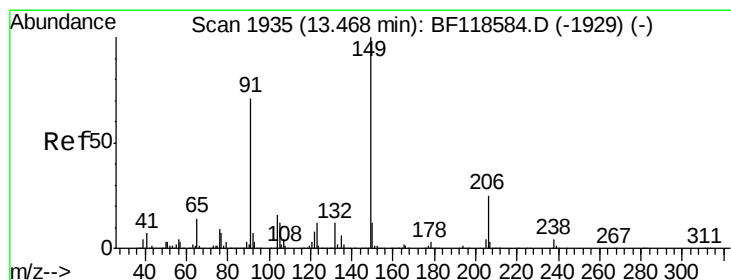
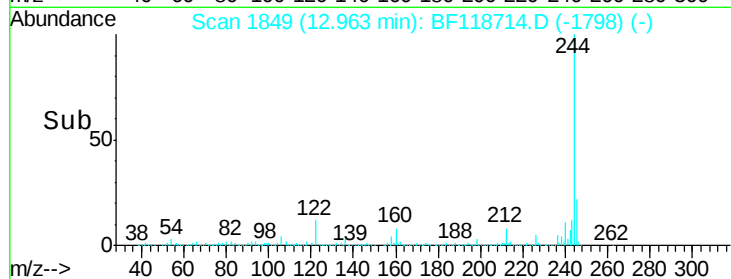
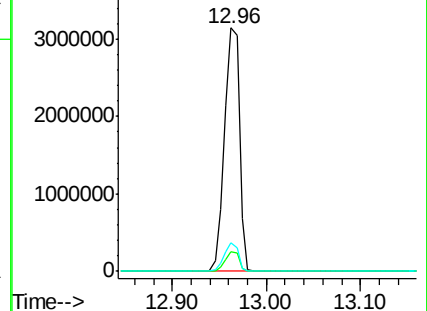
122 11.5 9.2 13.8



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: 44.254 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

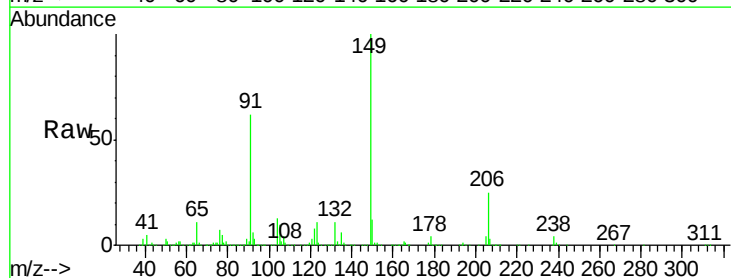
Tgt Ion:149 Resp: 1082174

Ion Ratio Lower Upper

149 100

91 62.0 49.6 74.4

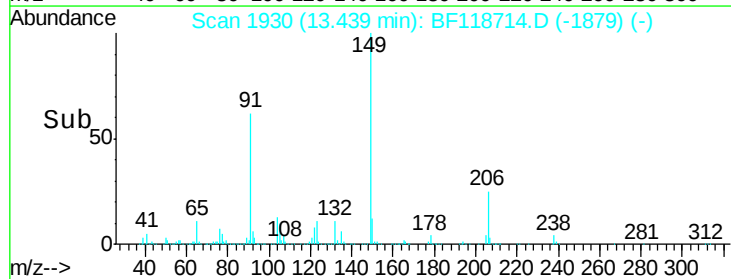
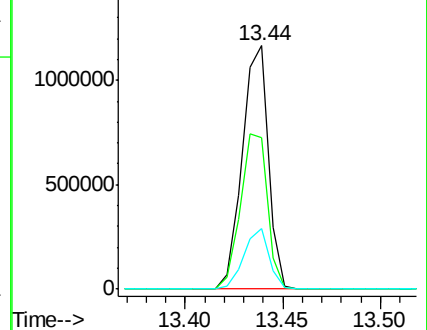
206 24.9 19.9 29.9

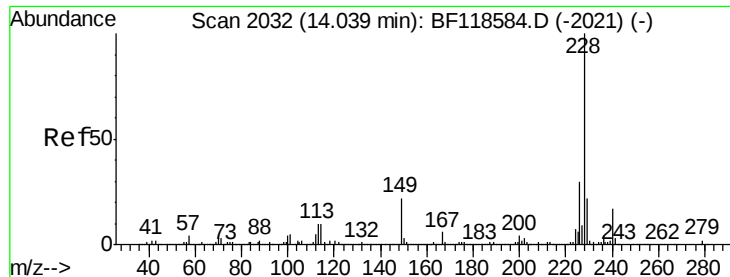


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

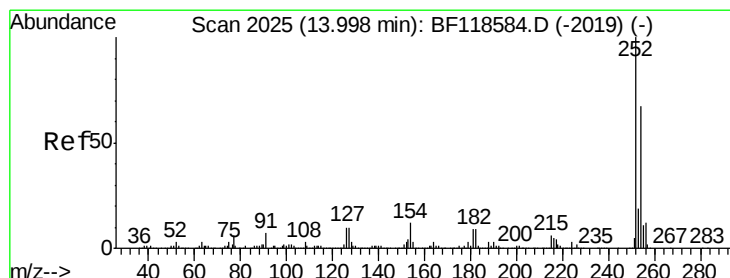
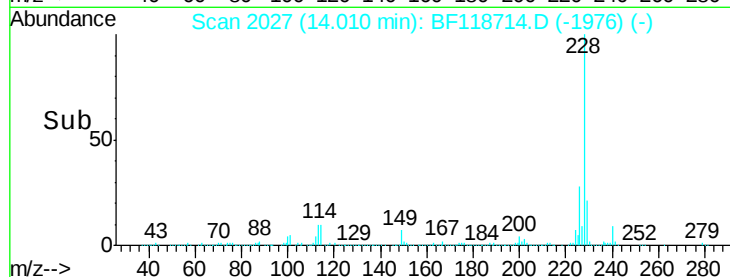
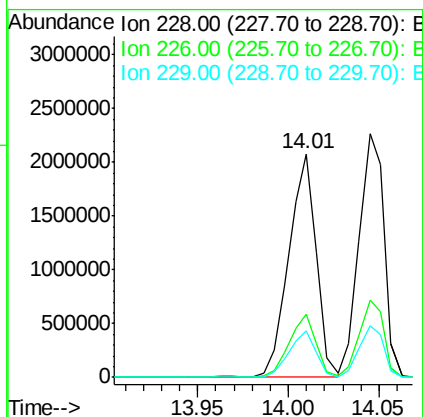
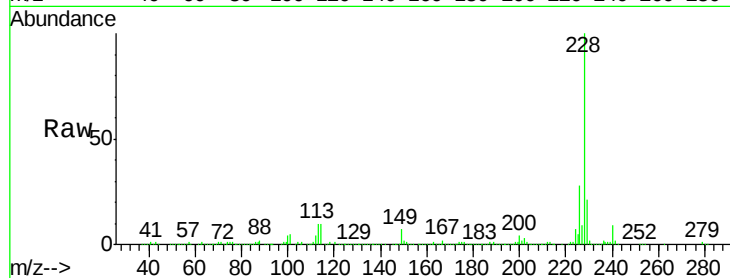




#81
Benzo(a)anthracene
Concen: 41.685 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

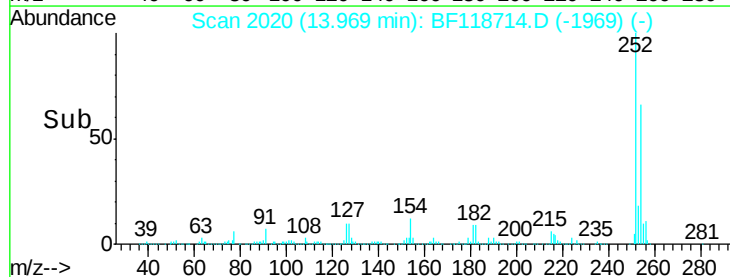
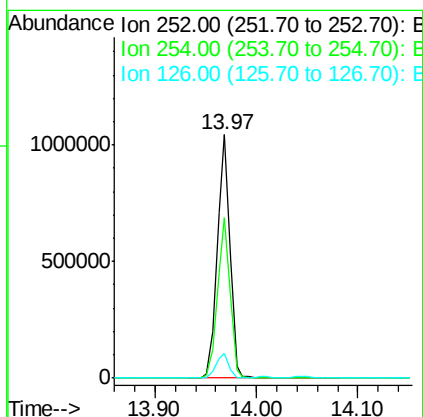
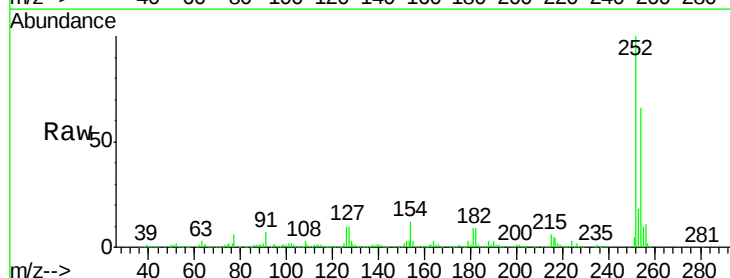
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

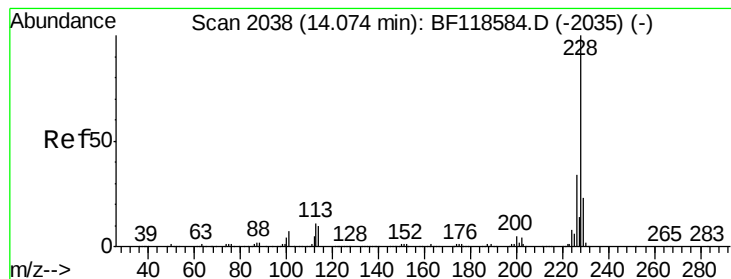
Tot Ion:228 Resp: 2206950
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.8 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 47.833 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:252 Resp: 902384
Ion Ratio Lower Upper
252 100
254 65.7 52.6 78.8
126 10.1 8.1 12.1

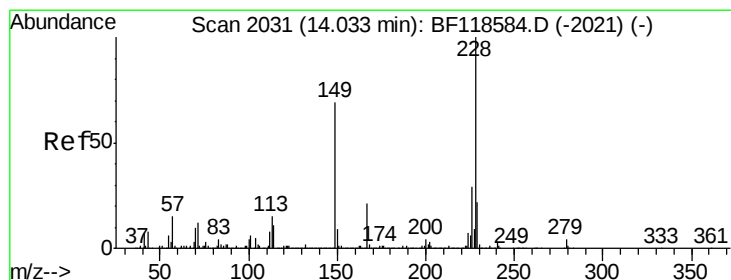
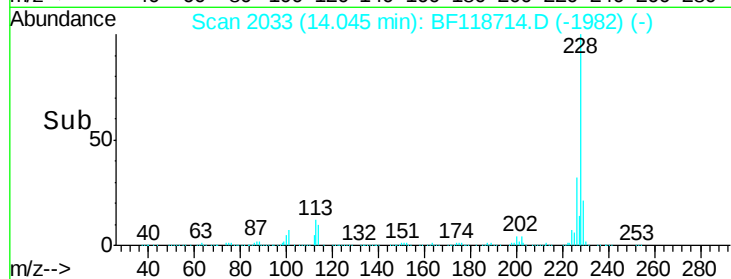
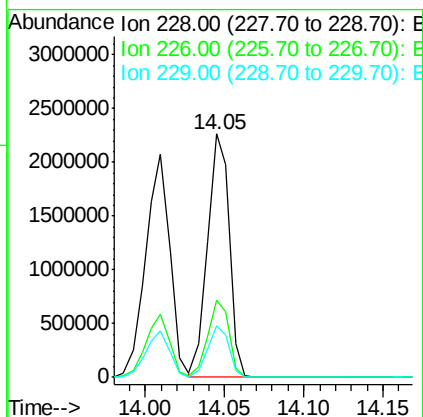
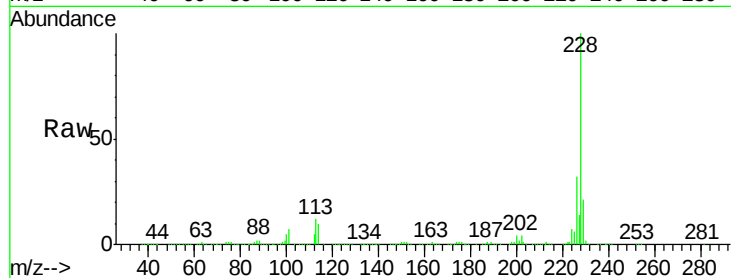




#83
 Chrvsene
 Concen: 42.956 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

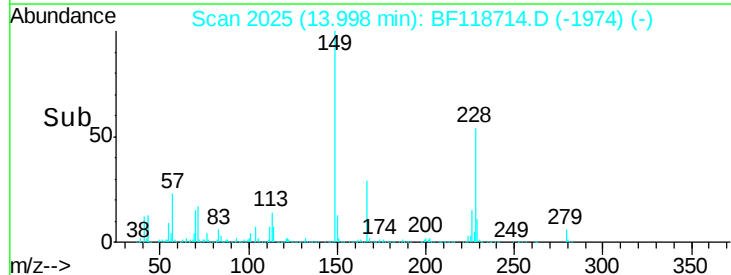
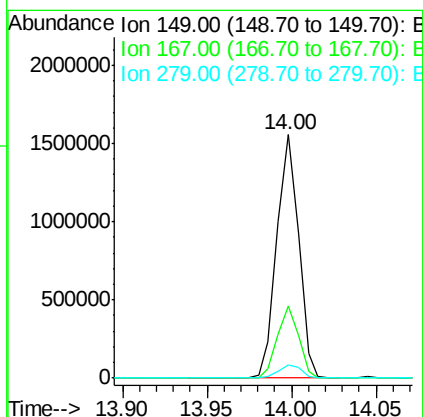
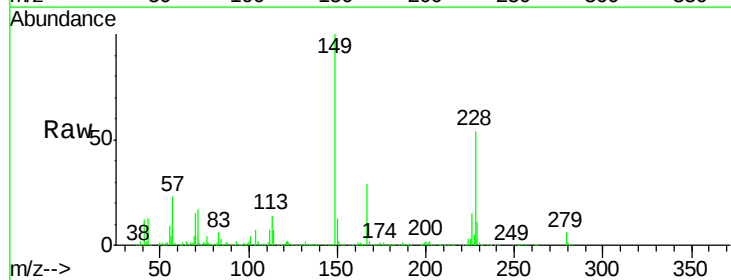
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

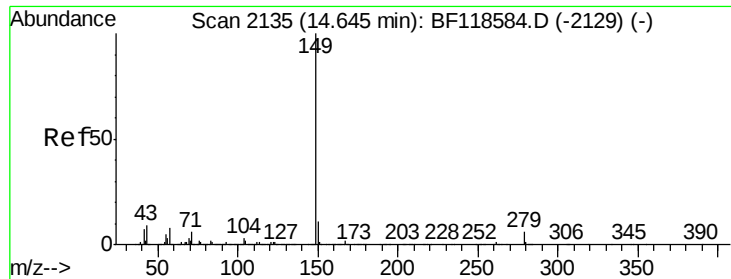
Tot Ion:228 Resp: 2179599
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.6 38.4
 229 21.4 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.260 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF118714.D
 Acq: 27 Jan 2020 12:12

Tgt Ion:149 Resp: 1382057
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.6 35.4
 279 5.6 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 50.477 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

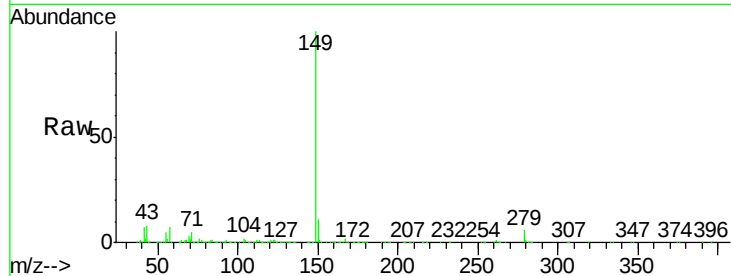
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2232211

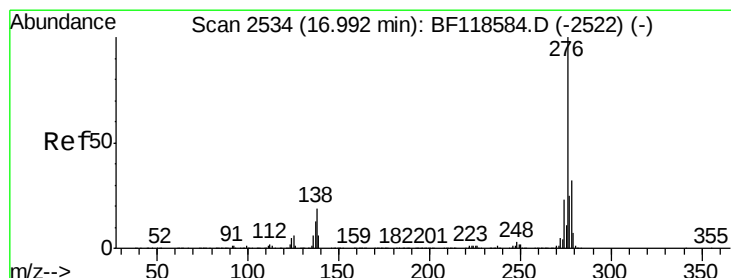
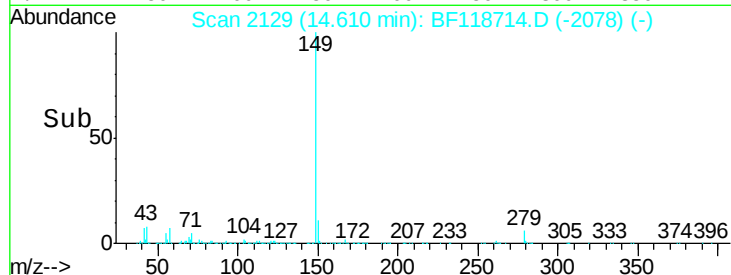
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.3	6.6	10.0



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: 47.230 ng

RT: 16.95 min Scan# 2527

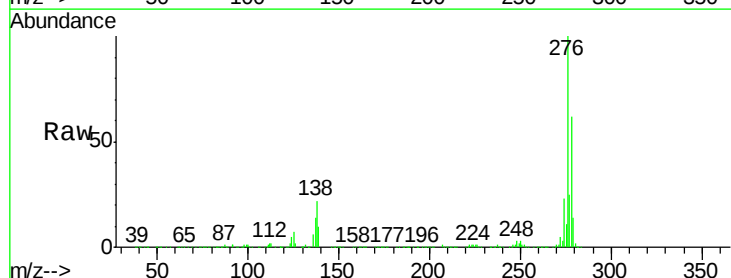
Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Tgt Ion:276 Resp: 2082309

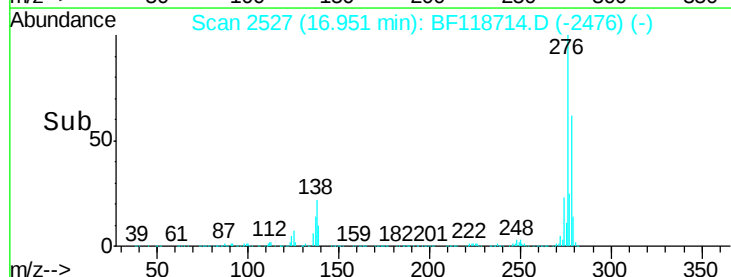
Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.4
277	25.5	20.4	30.6

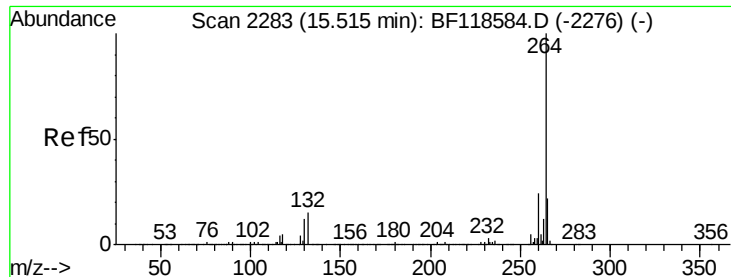


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

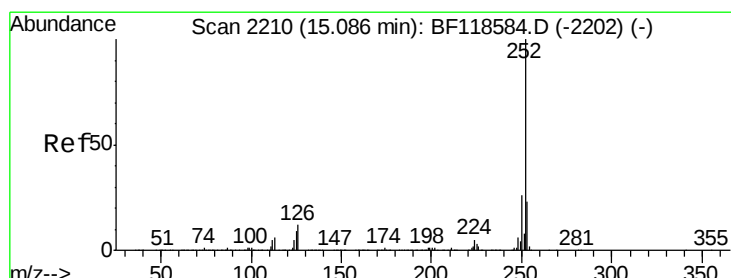
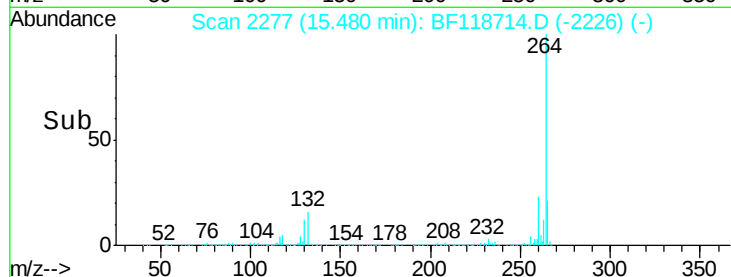
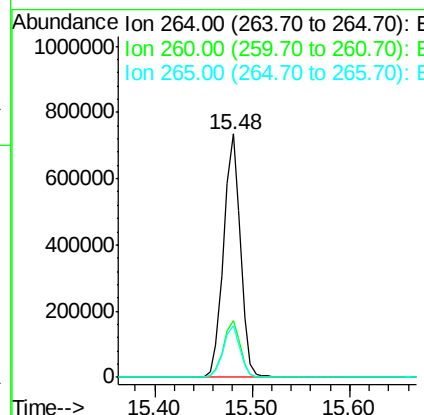
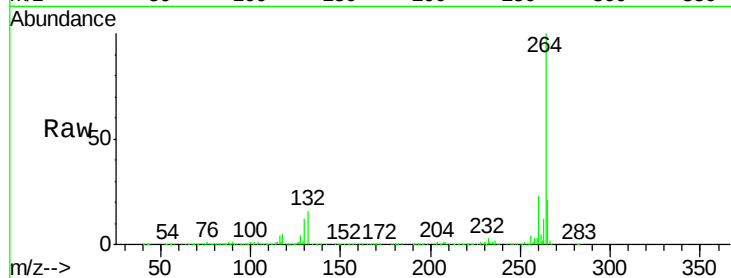




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

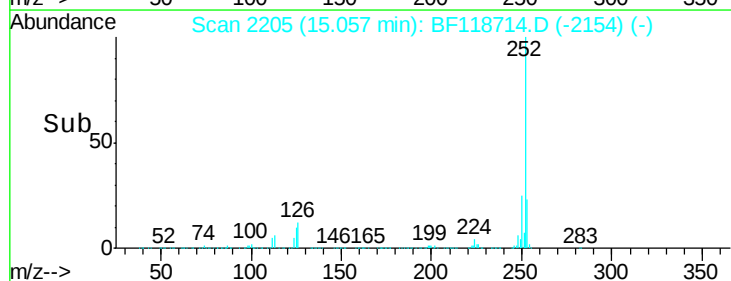
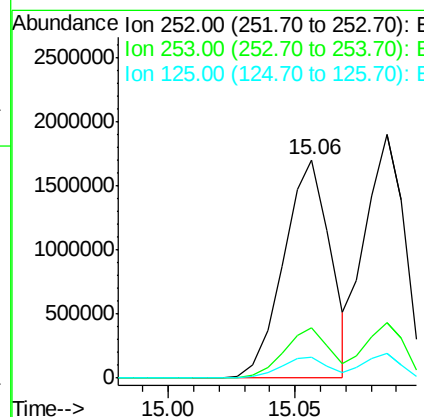
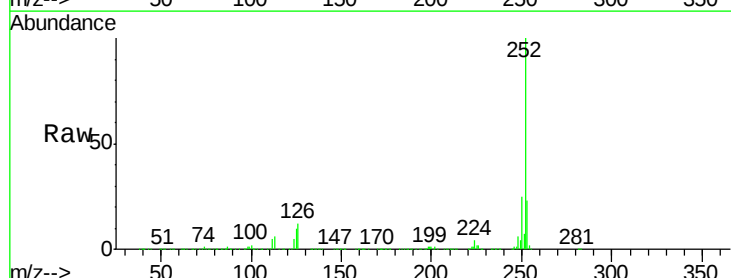
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 879539
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.3 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 39.488 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:252 Resp: 2183087
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.6 7.7 11.5

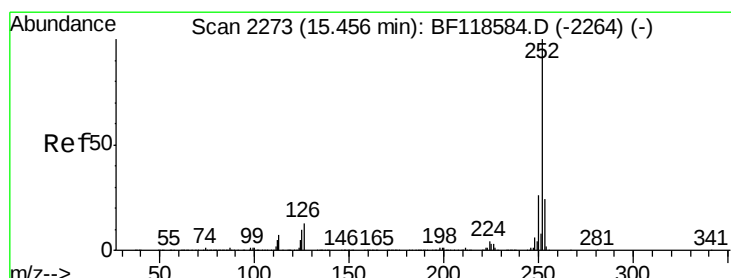
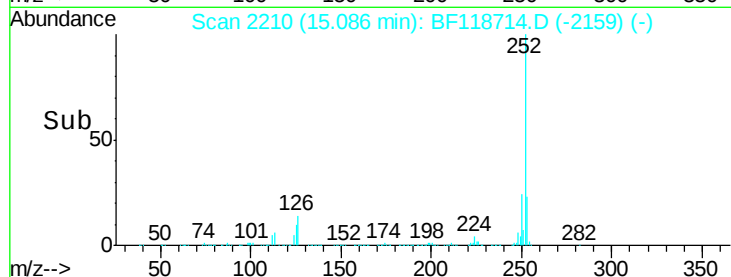
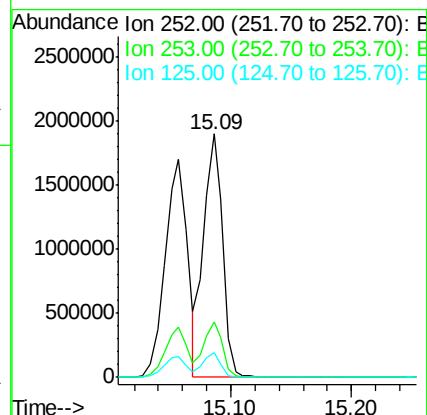
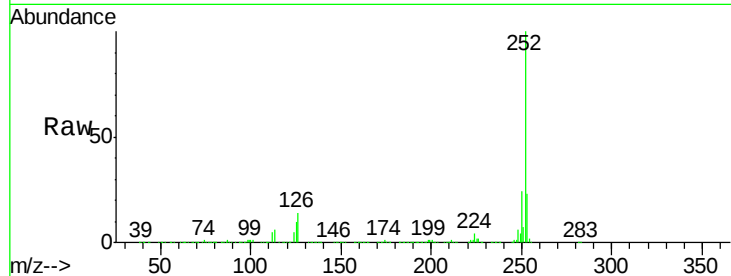




#89
Benzo(k)fluoranthene
Concen: 40.392 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

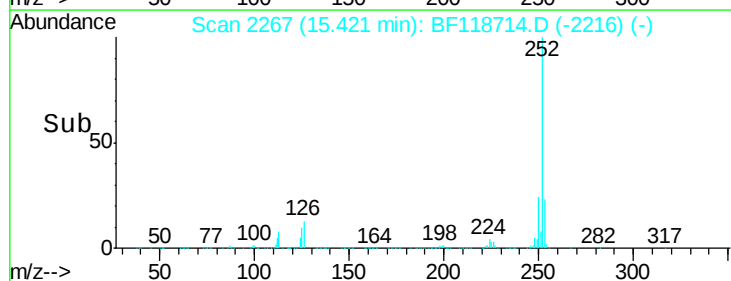
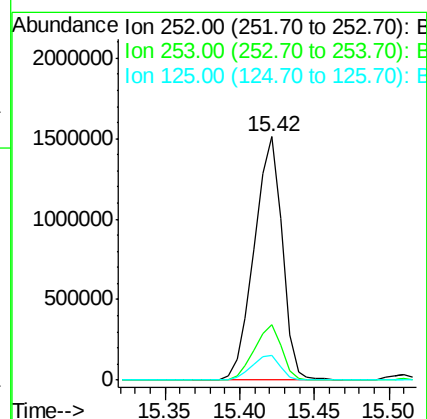
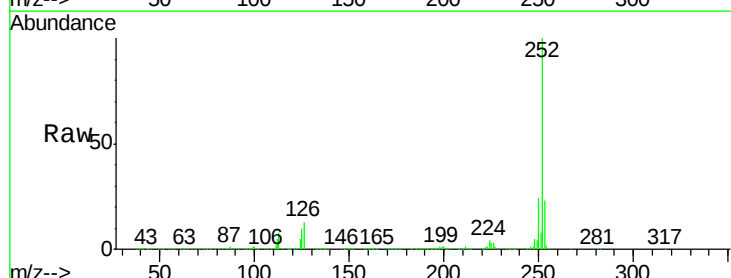
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

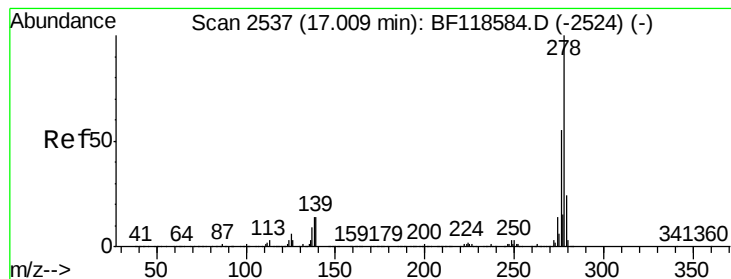
Tot Ion:252 Resp: 2068883
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 10.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 40.899 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF118714.D
Acq: 27 Jan 2020 12:12

Tgt Ion:252 Resp: 1950533
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.594 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Instrument :

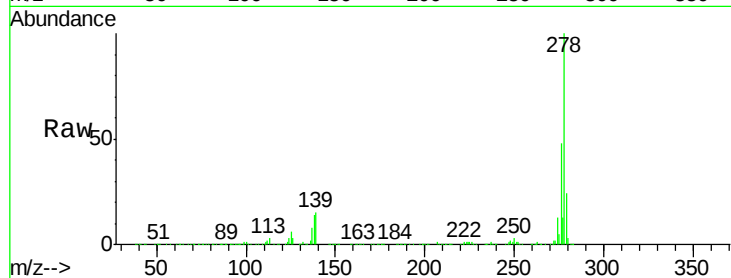
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1712480

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.9	19.1	28.7

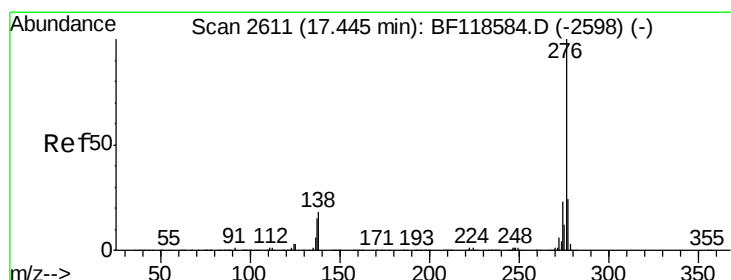
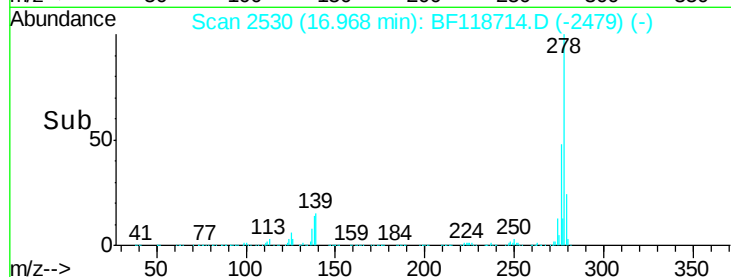
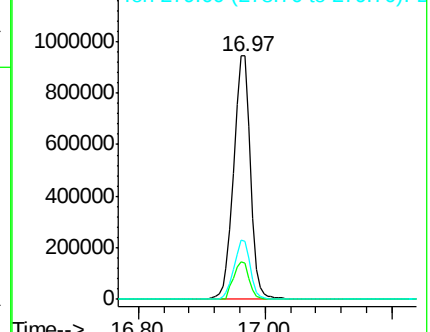


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.096 ng

RT: 17.39 min Scan# 2602

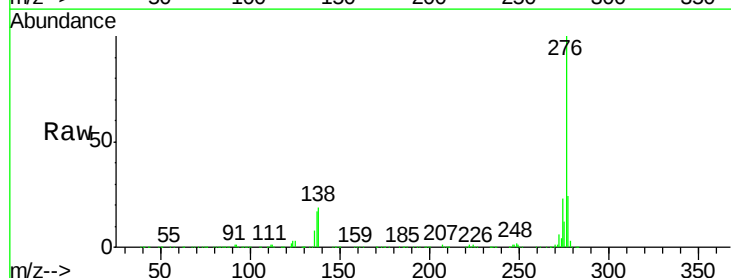
Delta R.T. 0.00 min

Lab File: BF118714.D

Acq: 27 Jan 2020 12:12

Tgt Ion:276 Resp: 1642314

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	19.3	15.4	23.2



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

