

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120314.D
 Acq On : 15 May 2020 11:47
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 12:33:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	312639	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1264923	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	705070	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1116826	20.00	ng	0.00
76) Chrysene-d12	13.77	240	978298	20.00	ng	0.00
87) Perylene-d12	15.16	264	952136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1375124	85.58	ng	0.00
7) Phenol-d6	6.27	99	1653250	81.36	ng	0.00
23) Nitrobenzene-d5	7.19	82	1663919	90.06	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	460234	80.06	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2822372	82.24	ng	0.00
79) Terphenyl-d14	12.72	244	3375552	76.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	314906	49.267	ng	98
3) Pyridine	2.86	79	888830	44.237	ng	99
4) n-Nitrosodimethylamine	2.82	42	346704	44.068	ng	95
6) Aniline	6.28	93	1061448	40.846	ng	96
8) 2-Chlorophenol	6.40	128	754219	40.257	ng	99
9) Benzaldehyde	6.16	77	502744	40.135	ng	97
10) Phenol	6.29	94	963093	40.602	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	730547	38.556	ng	95
12) 1,3-Dichlorobenzene	6.56	146	820805	40.943	ng	97
13) 1,4-Dichlorobenzene	6.63	146	853439	41.333	ng	99
14) 1,2-Dichlorobenzene	6.79	146	771497	41.492	ng	99
15) Benzyl Alcohol	6.77	79	618542	42.848	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1277159	42.772	ng	99
17) 2-Methylphenol	6.89	107	673837	42.605	ng	97
18) Hexachloroethane	7.12	117	345271	43.895	ng	95
19) n-Nitroso-di-n-propylamine	7.05	70	581814	43.706	ng	98
20) 3+4-Methylphenols	7.05	107	950119	46.206	ng	99
22) Acetophenone	7.04	105	1190823	45.954	ng	# 98
24) Nitrobenzene	7.21	77	859718	43.238	ng	99
25) Isophorone	7.45	82	1583022	41.181	ng	99
26) 2-Nitrophenol	7.52	139	432638	41.604	ng	94
27) 2,4-Dimethylphenol	7.57	122	616580	40.760	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	962099	39.819	ng	98
29) 2,4-Dichlorophenol	7.77	162	643000	41.388	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	700586	40.693	ng	99
31) Naphthalene	7.92	128	2217220	41.532	ng	100
32) Benzoic acid	7.73	122	434206	43.791	ng	97
33) 4-Chloroaniline	7.98	127	959511	39.439	ng	98
34) Hexachlorobutadiene	8.04	225	398045	40.001	ng	96
35) Caprolactam	8.37	113	199188	39.190	ng	95
36) 4-Chloro-3-methylphenol	8.48	107	651905	38.788	ng	99
37) 2-Methylnaphthalene	8.62	142	1500834	41.081	ng	98
38) 1-Methylnaphthalene	8.71	142	1396515	39.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	638829	35.932	ng	100

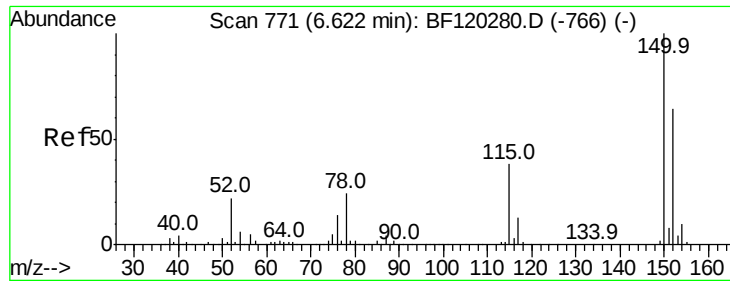
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	220794	34.239	ng	99
43) 2,4,6-Trichlorophenol	8.90	196	471401	39.501	ng	99
44) 2,4,5-Trichlorophenol	8.95	196	528855	38.588	ng	97
46) 1,1'-Biphenyl	9.08	154	1733568	37.526	ng	99
47) 2-Chloronaphthalene	9.10	162	1361898	36.752	ng	99
48) 2-Nitroaniline	9.21	65	489554	36.208	ng	96
49) Acenaphthylene	9.52	152	2092557	36.967	ng	100
50) Dimethylphthalate	9.39	163	1570388	35.234	ng	100
51) 2,6-Dinitrotoluene	9.45	165	346825	34.865	ng	98
52) Acenaphthene	9.69	154	1355685	39.955	ng	100
53) 3-Nitroaniline	9.62	138	483424	40.751	ng	98
54) 2,4-Dinitrophenol	9.73	184	192686	41.035	ng	93
55) Dibenzofuran	9.86	168	1884735	38.573	ng	98
56) 4-Nitrophenol	9.81	139	243717	38.235	ng	97
57) 2,4-Dinitrotoluene	9.86	165	451072	38.655	ng	98
58) Fluorene	10.20	166	1447356	38.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	386037	37.429	ng	99
60) Diethylphthalate	10.09	149	1596566	37.104	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	740720	38.286	ng	93
62) 4-Nitroaniline	10.24	138	434974	39.377	ng	100
63) Azobenzene	10.36	77	1516562	37.291	ng	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	260958	46.202	ng	97
66) n-Nitrosodiphenylamine	10.32	169	1316138	42.596	ng	99
67) 4-Bromophenyl-phenylether	10.69	248	510147	47.073	ng	95
68) Hexachlorobenzene	10.75	284	528123	46.581	ng	92
69) Atrazine	10.85	200	411994	44.562	ng	99
70) Pentachlorophenol	10.95	266	204977	42.508	ng	100
71) Phenanthrene	11.16	178	2110328	44.968	ng	99
72) Anthracene	11.21	178	2286632	45.515	ng	99
73) Carbazole	11.37	167	2060912	43.904	ng	99
74) Di-n-butylphthalate	11.70	149	2553892	45.143	ng	99
75) Fluoranthene	12.35	202	2295840	45.643	ng	99
77) Benzidine	12.47	184	1263463	44.227	ng	96
78) Pyrene	12.57	202	2736821	39.241	ng	99
80) Butylbenzylphthalate	13.20	149	1305483	39.752	ng	99
81) Benzo(a)anthracene	13.76	228	2028851	39.320	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	861435	44.302	ng	97
83) Chrysene	13.80	228	2263954	40.860	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1562060	38.230	ng	98
85) Di-n-octyl phthalate	14.37	149	2993121	40.720	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	1844980	36.688	ng	100
88) Benzo(b)fluoranthene	14.78	252	2206755	42.439	ng	98
89) Benzo(k)fluoranthene	14.80	252	1804362	40.052	ng	98
90) Benzo(a)pyrene	15.11	252	1888280	40.492	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1529672	37.027	ng	100
92) Benzo(g,h,i)perylene	16.89	276	1458595	35.012	ng	100

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

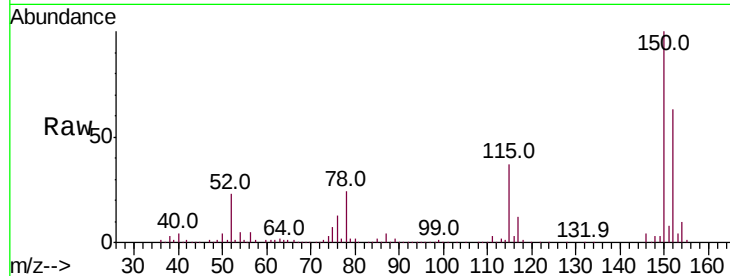


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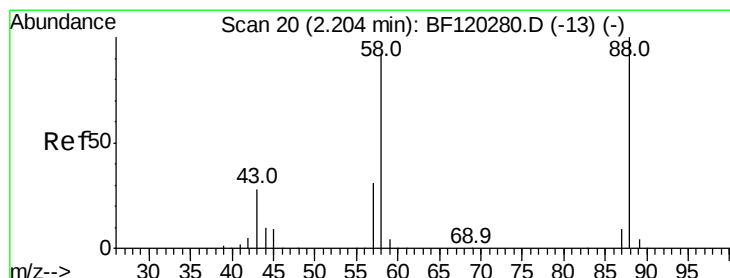
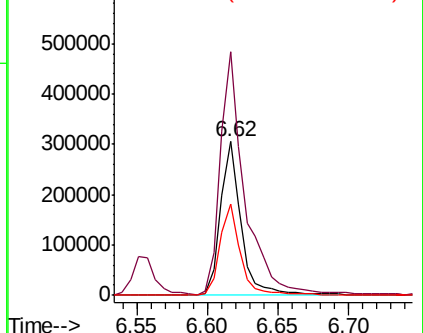
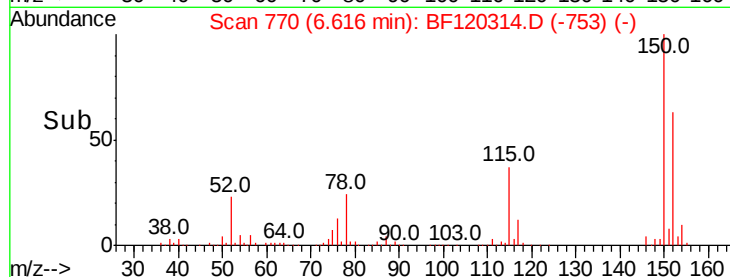
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 312639
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 59.3 47.9 71.9



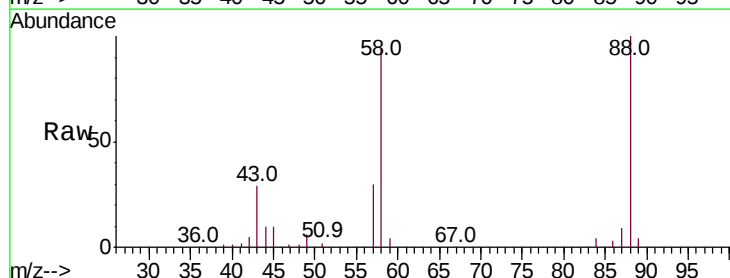
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



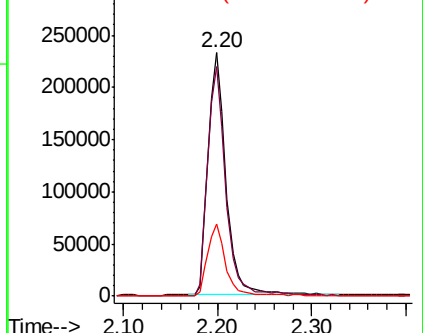
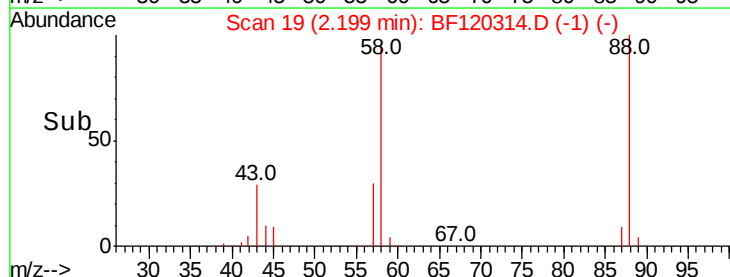
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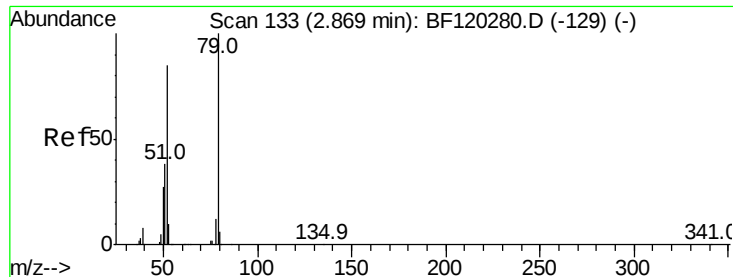
1,4-Dioxane
Concen: 49.267 ng
RT: 2.20 min Scan# 19
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion: 88 Resp: 314906
Ion Ratio Lower Upper
88 100
58 96.9 75.8 113.6
43 29.7 23.6 35.4



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: 44.237 ng

RT: 2.86 min Scan# 132

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

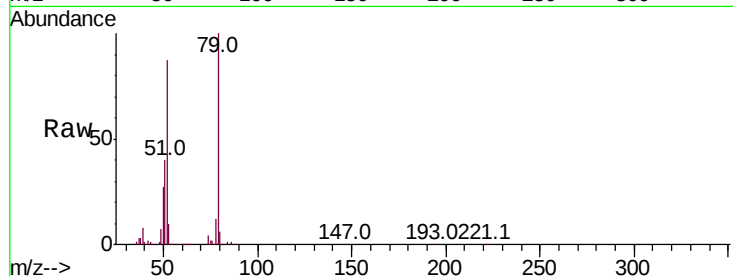
Tot Ion: 79 Resp: 888830

Ion Ratio Lower Upper

79 100

52 86.8 68.4 102.6

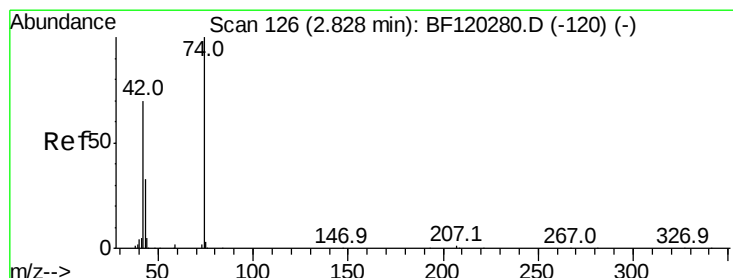
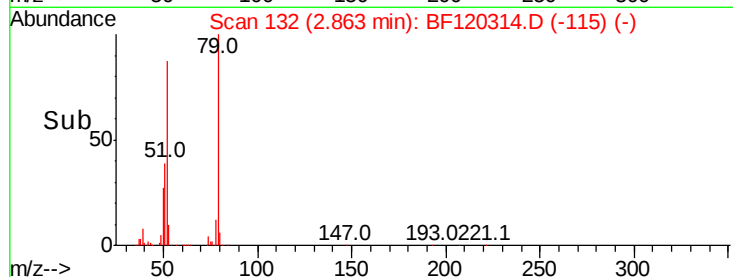
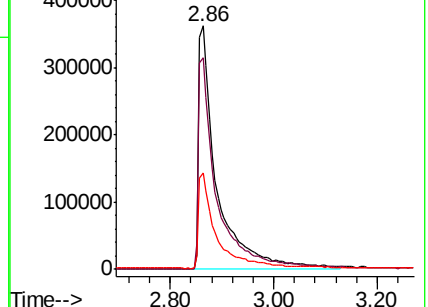
51 39.5 31.0 46.4



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: 44.068 ng

RT: 2.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

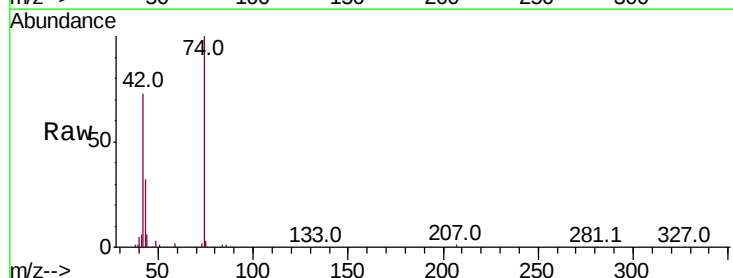
Tgt Ion: 42 Resp: 346704

Ion Ratio Lower Upper

42 100

74 137.1 114.8 172.2

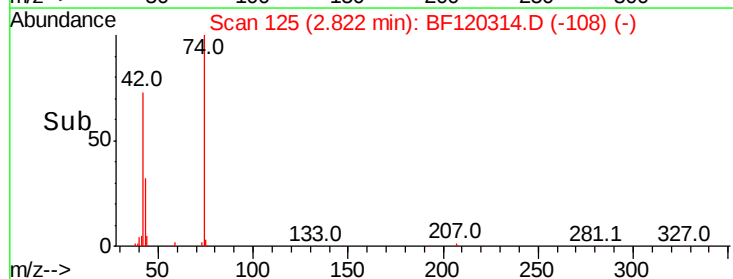
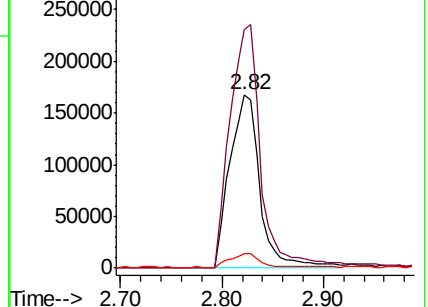
44 8.0 5.6 8.4

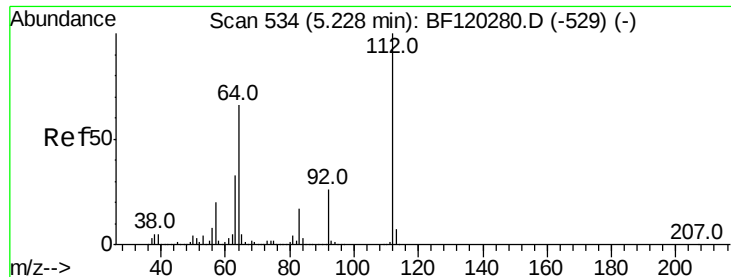


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.581 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

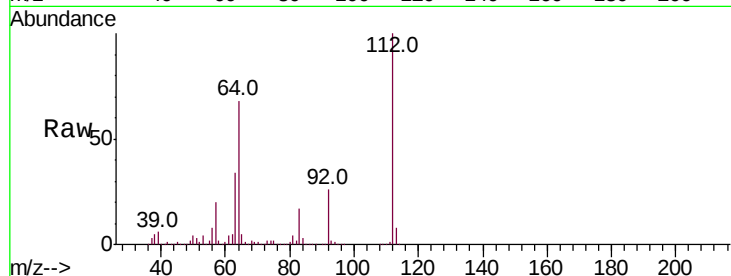
Tot Ion:112 Resp: 1375124

Ion Ratio Lower Upper

112 100

64 68.4 52.7 79.1

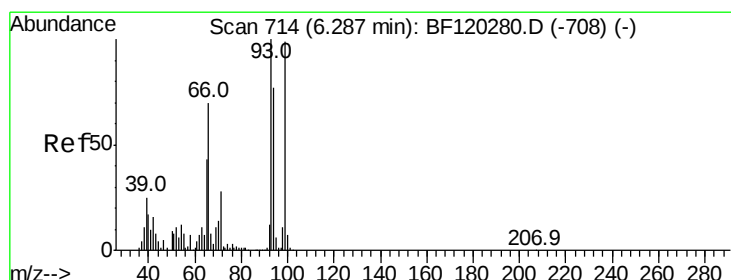
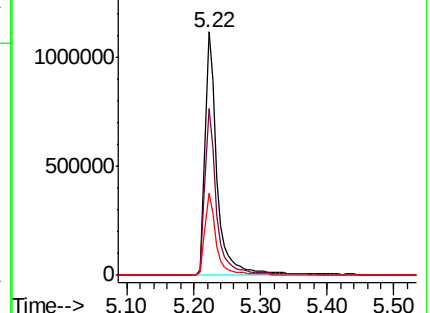
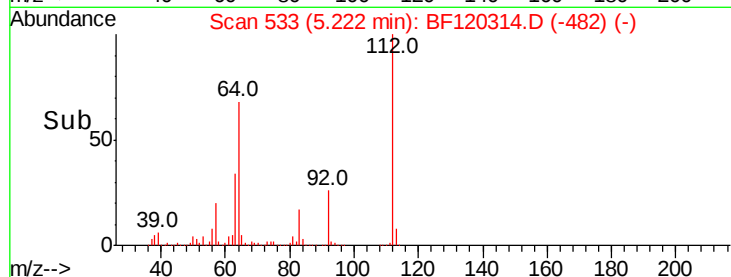
63 34.0 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.846 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

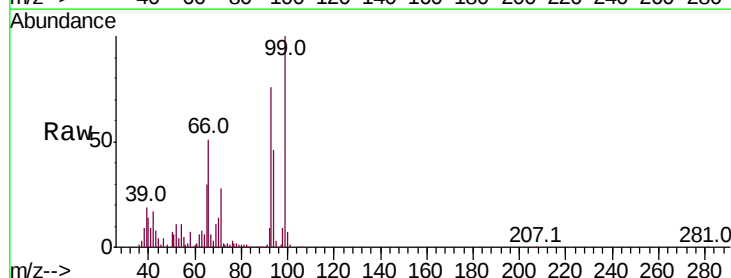
Tgt Ion: 93 Resp: 1061448

Ion Ratio Lower Upper

93 100

66 67.2 56.2 84.4

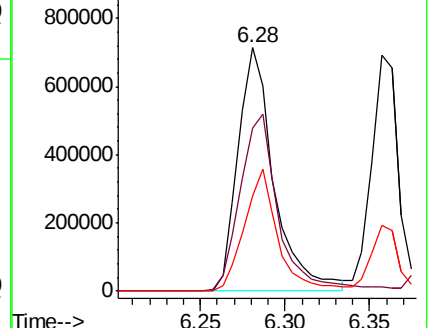
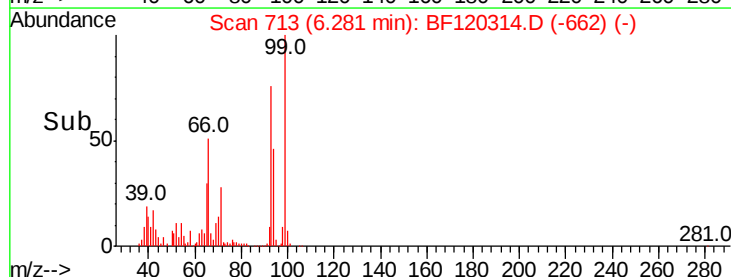
65 39.1 34.2 51.2

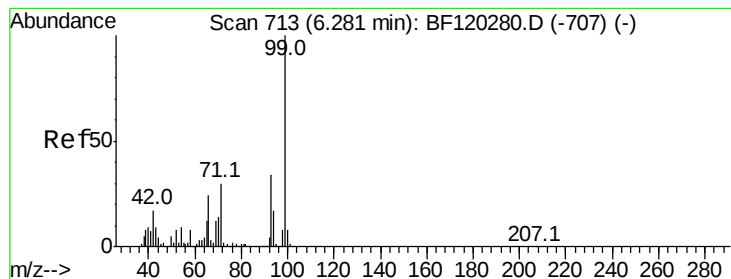


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.362 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

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SSTDCCC040

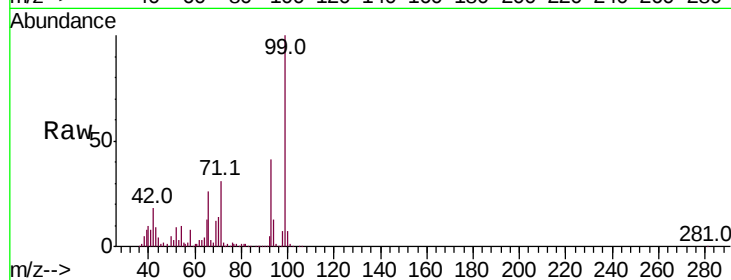
Tot Ion: 99 Resp: 1653250

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

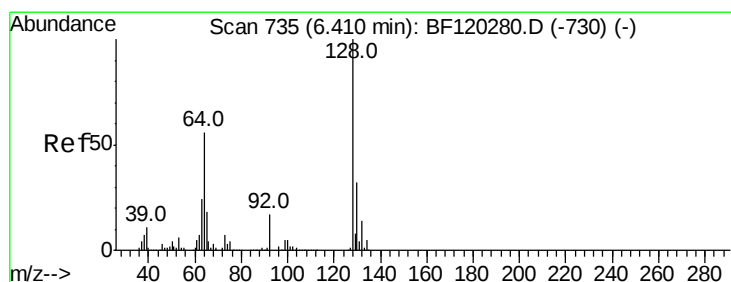
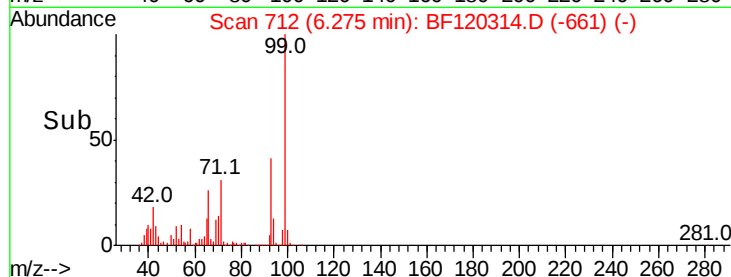
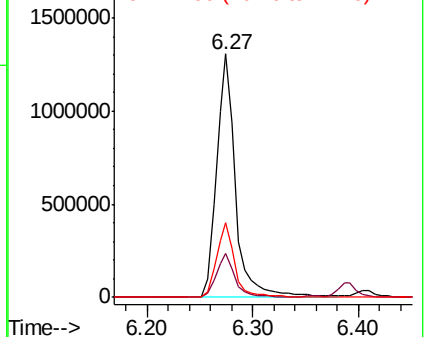
71 30.7 24.2 36.4



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: 40.257 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

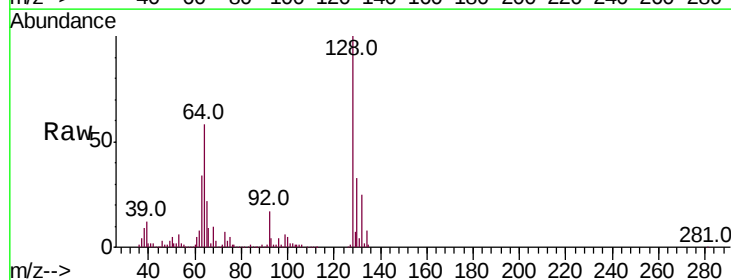
Tgt Ion:128 Resp: 754219

Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

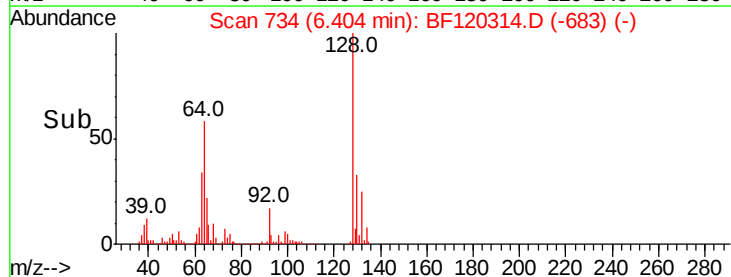
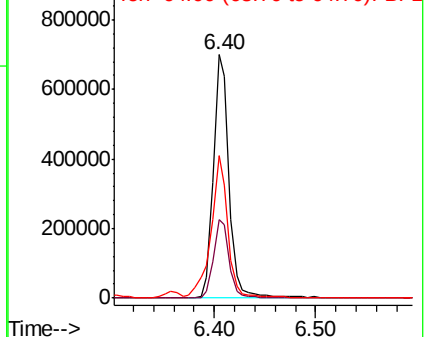
64 58.3 36.7 76.7

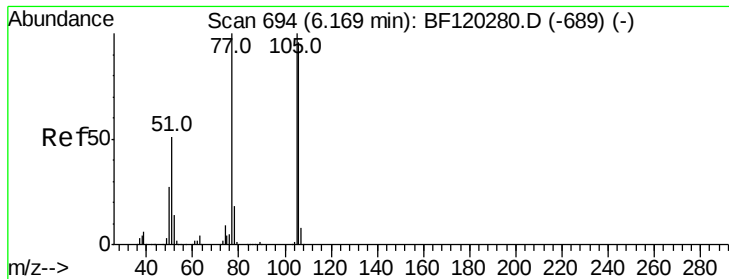


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.135 ng

RT: 6.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

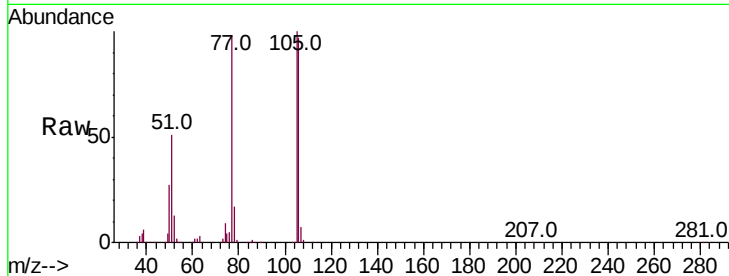
Tot Ion: 77 Resp: 502744

Ion Ratio Lower Upper

77 100

105 102.0 79.9 119.9

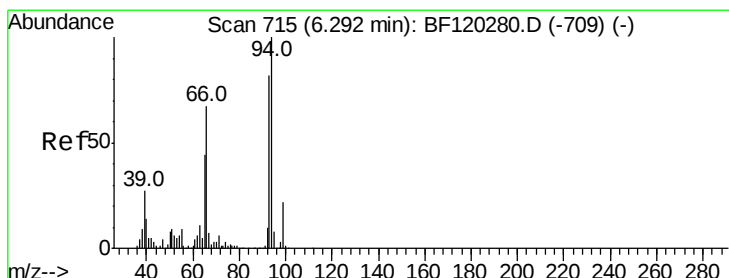
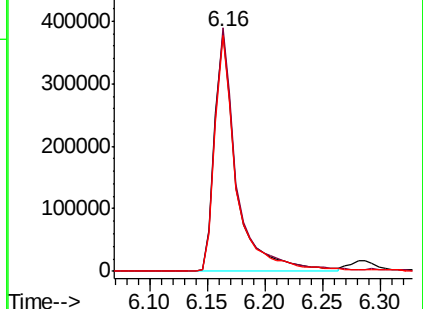
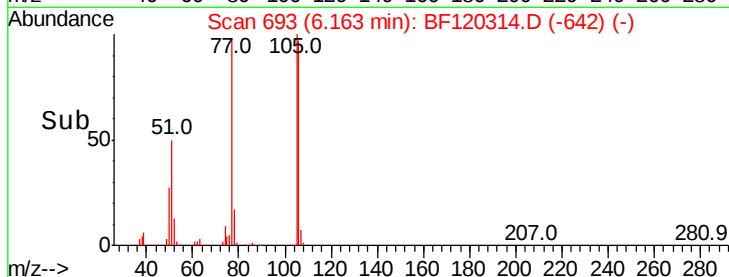
106 98.7 75.7 115.7



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: 40.602 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

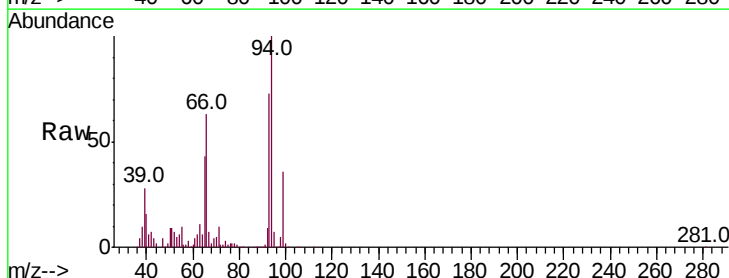
Tgt Ion: 94 Resp: 963093

Ion Ratio Lower Upper

94 100

65 43.3 24.1 64.1

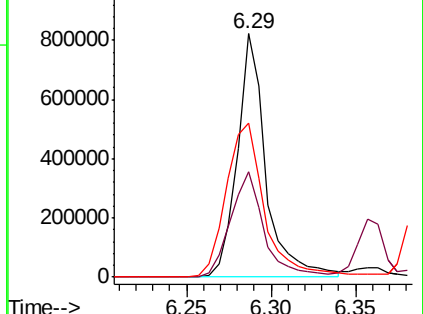
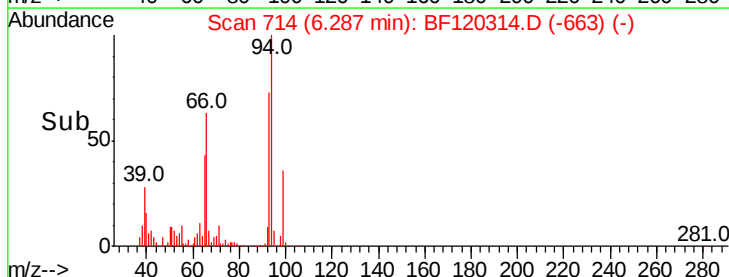
66 63.0 47.5 87.5

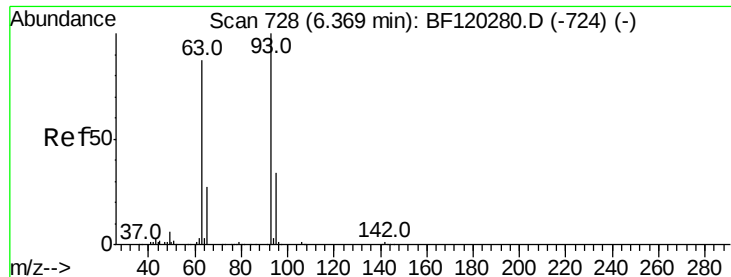


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

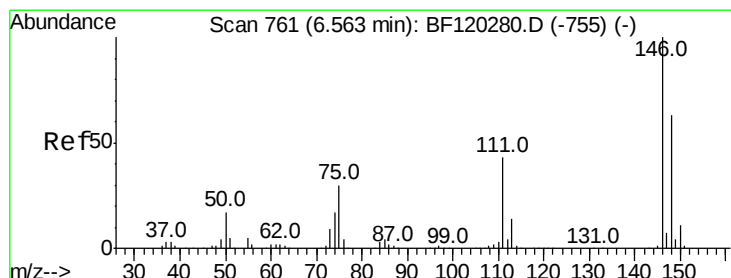
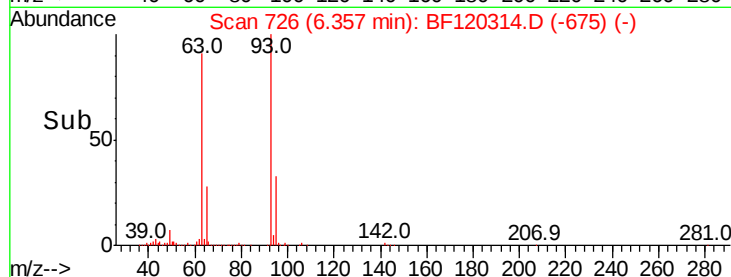
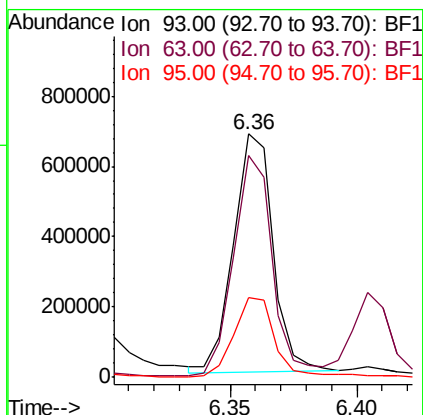
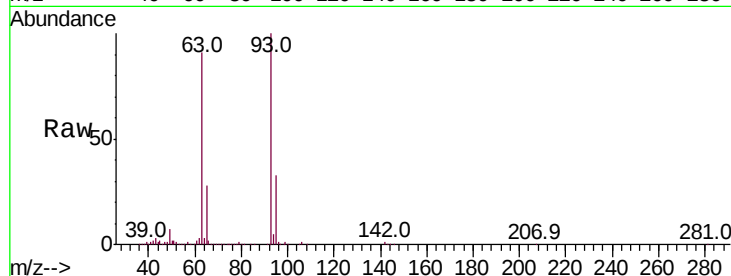




#11
bis(2-Chloroethyl)ether
Concen: 38.556 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

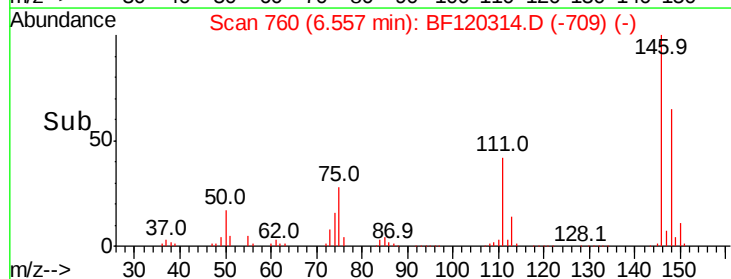
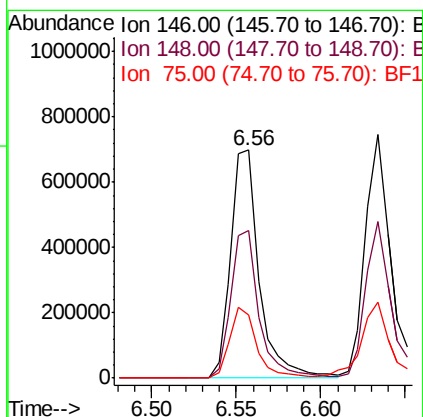
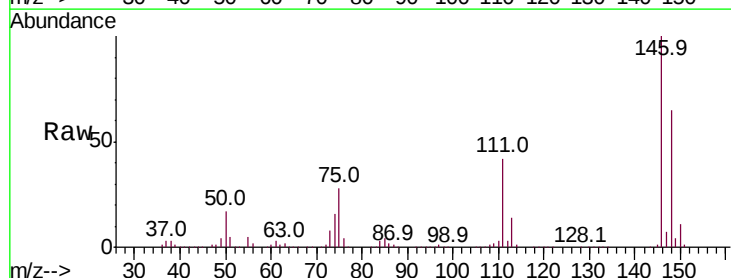
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

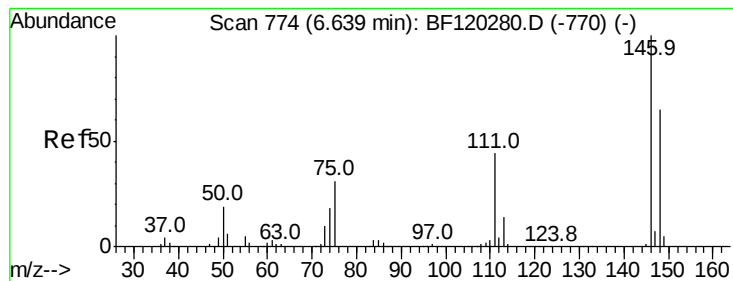
Tot Ion: 93 Resp: 730547
Ion Ratio Lower Upper
93 100
63 91.2 65.4 105.4
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.943 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion: 146 Resp: 820805
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 27.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.333 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

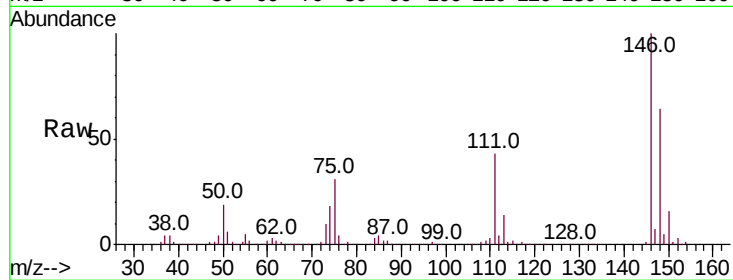
Tot Ion:146 Resp: 853439

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

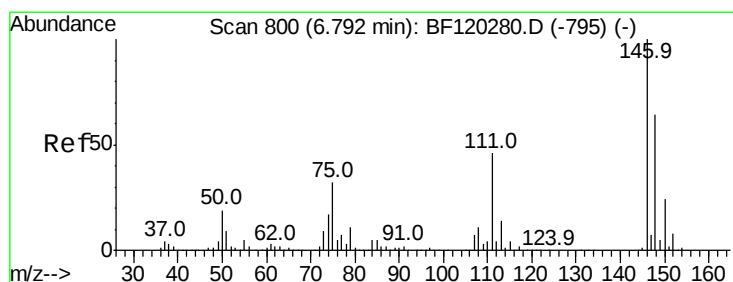
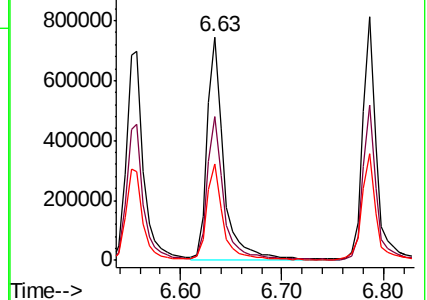
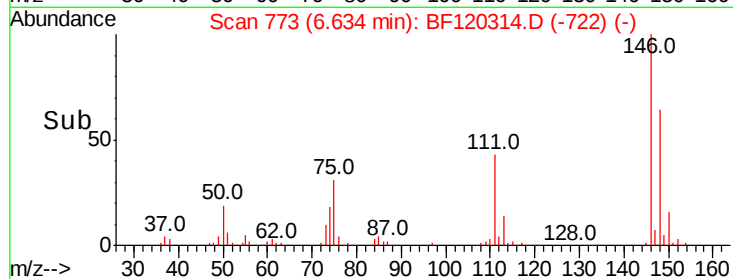
111 43.3 35.1 52.7



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: 41.492 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

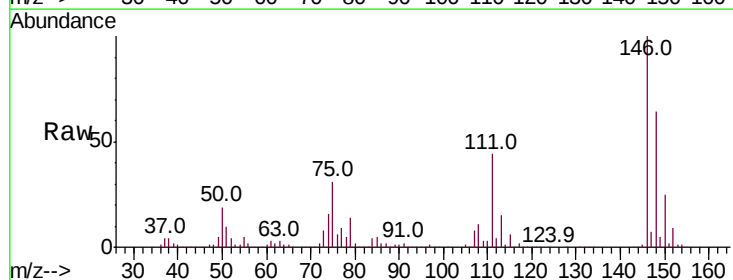
Tgt Ion:146 Resp: 771497

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

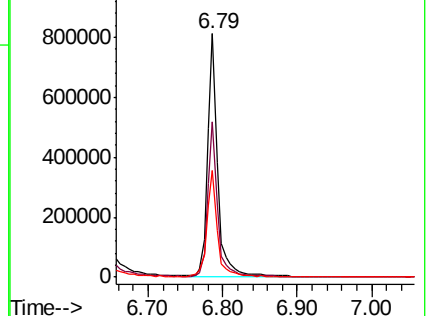
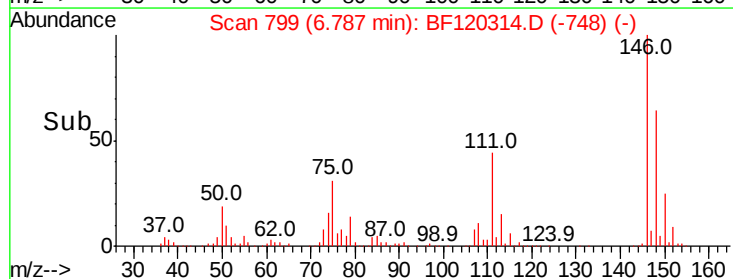
111 43.8 36.6 55.0

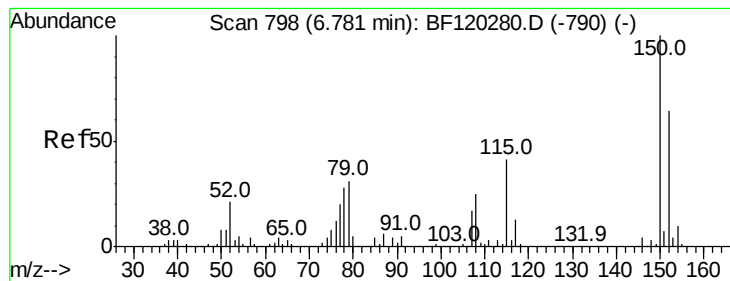


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.848 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

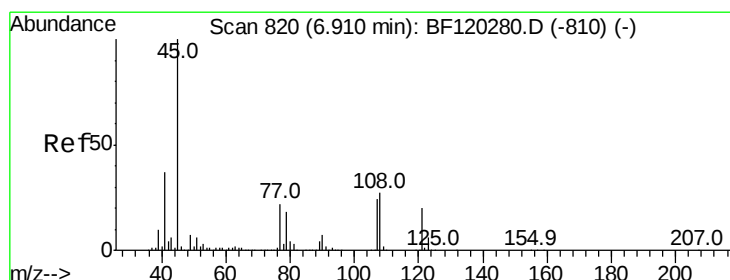
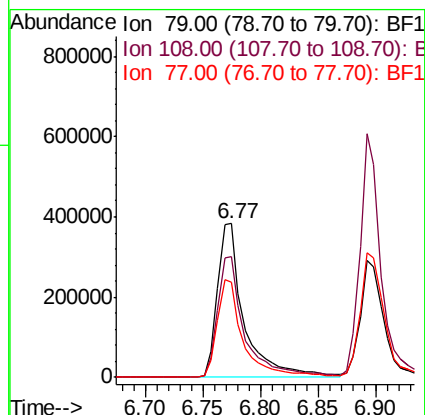
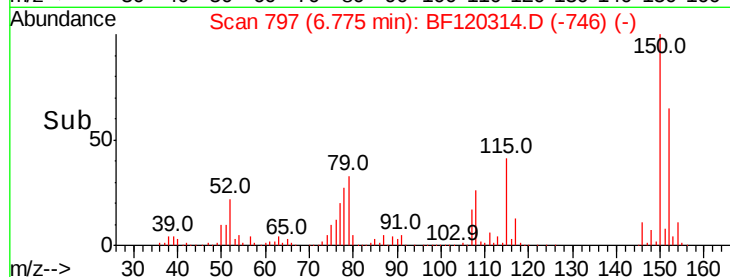
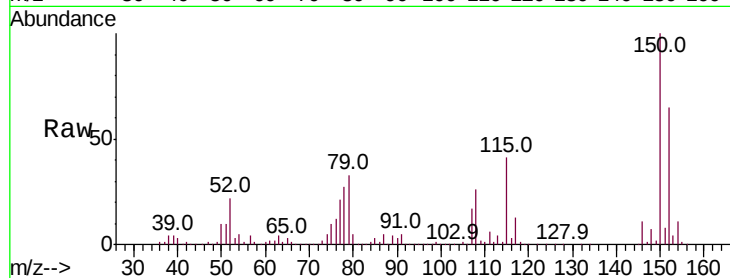
Tot Ion: 79 Resp: 618542

Ion Ratio Lower Upper

79 100

108 78.7 64.2 96.4

77 61.6 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.772 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

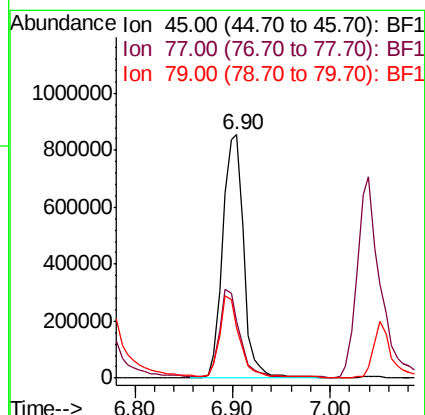
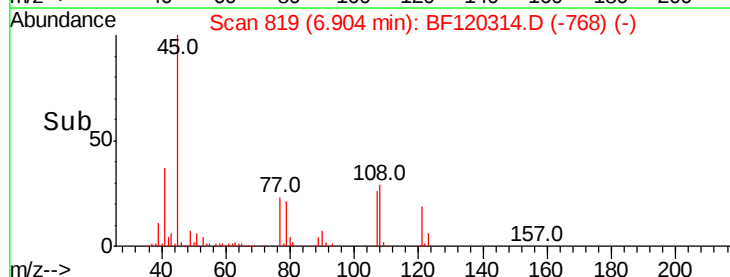
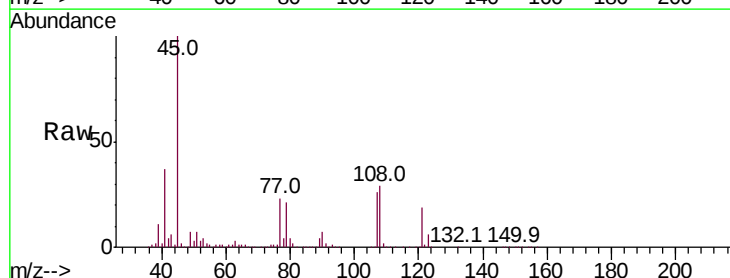
Tgt Ion: 45 Resp: 1277159

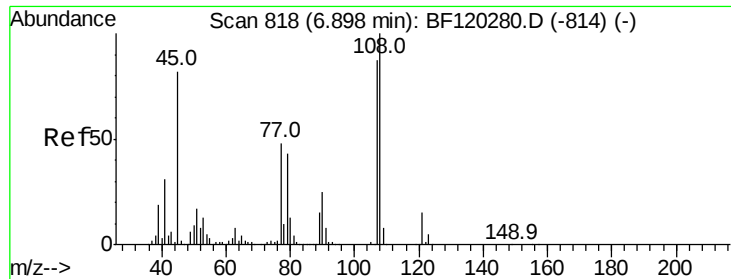
Ion Ratio Lower Upper

45 100

77 23.1 3.1 43.1

79 20.7 0.0 40.0

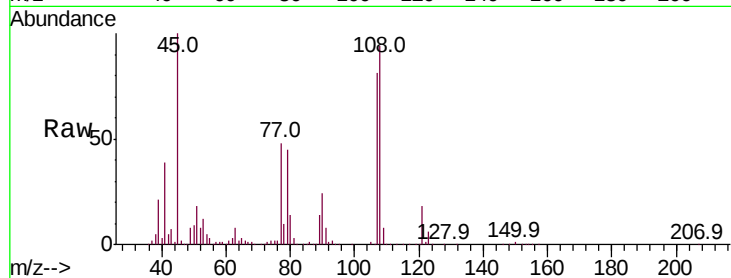




#17
2-Methylphenol
Concen: 42.605 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	673837
Ion	Ratio	Lower	Upper
107	100		
108	115.9	92.4	138.6
77	59.5	44.5	66.7
79	55.5	40.4	60.6



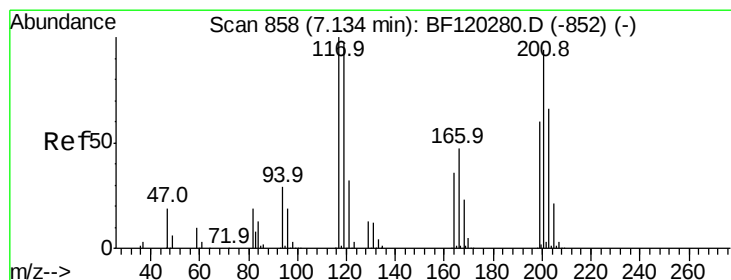
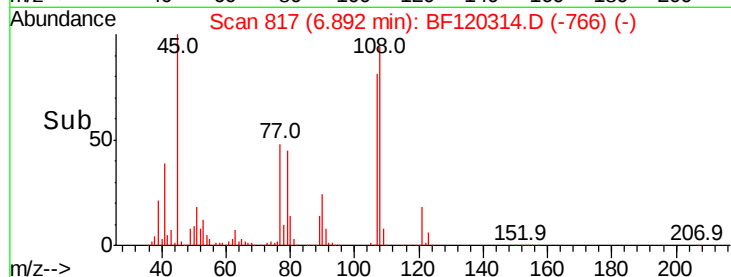
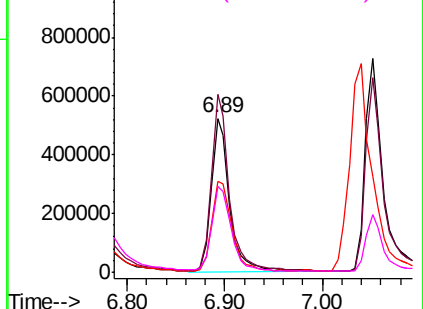
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

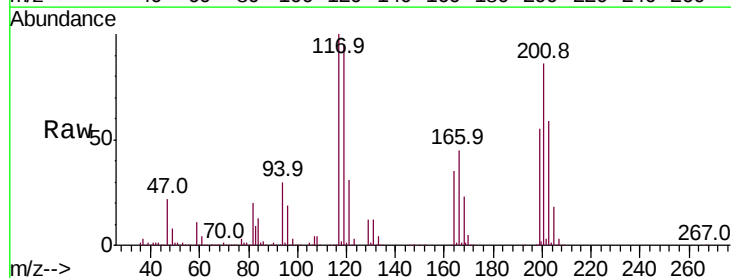
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.895 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:	117	Resp:	345271
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
201	85.6	74.9	112.3

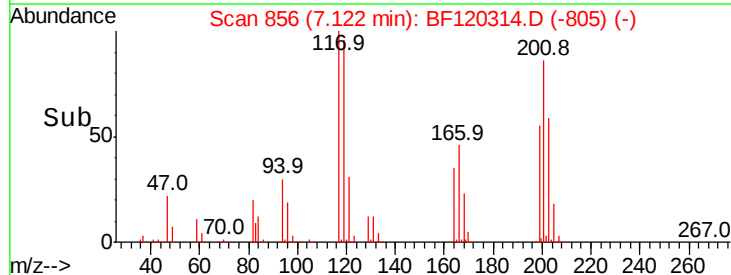
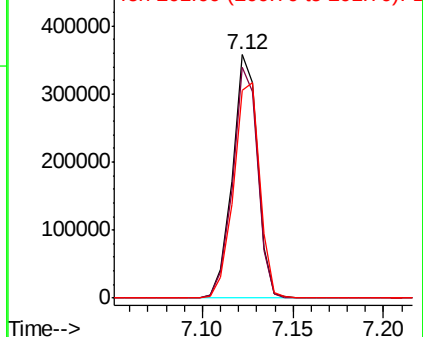


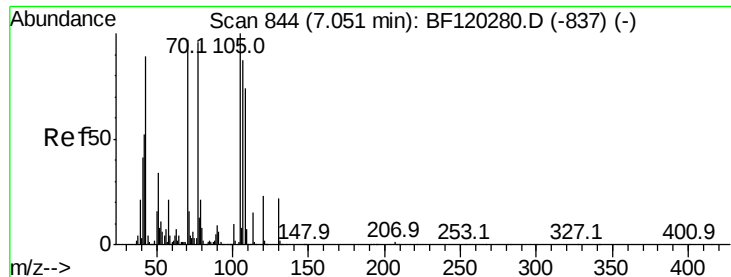
Abundance

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

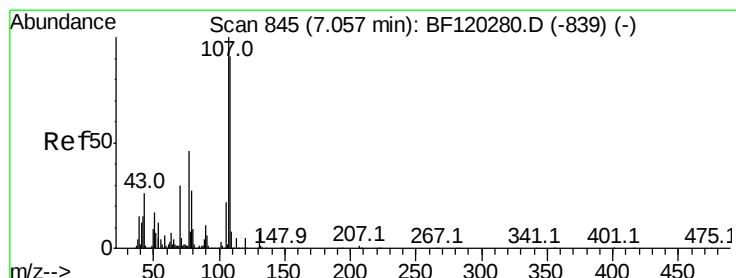
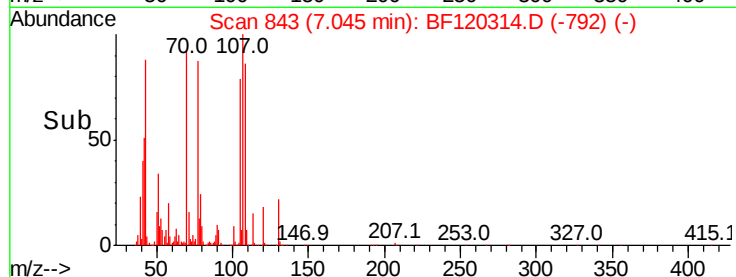
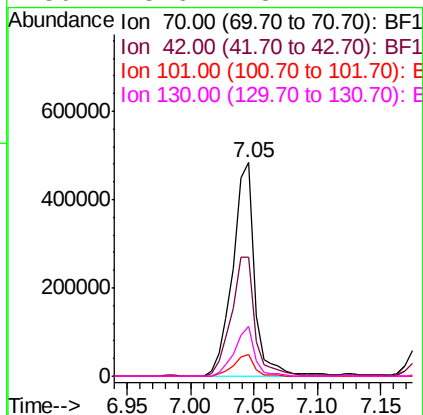
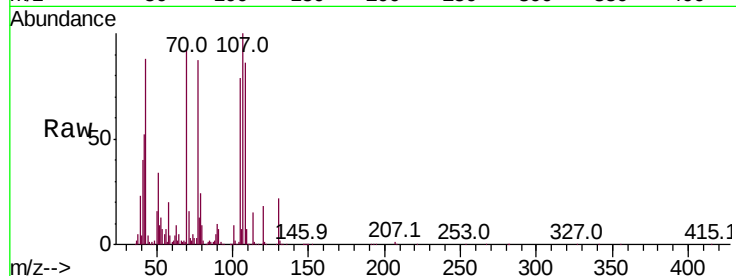




#19
n-Nitroso-di-n-propylamine
Concen: 43.706 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

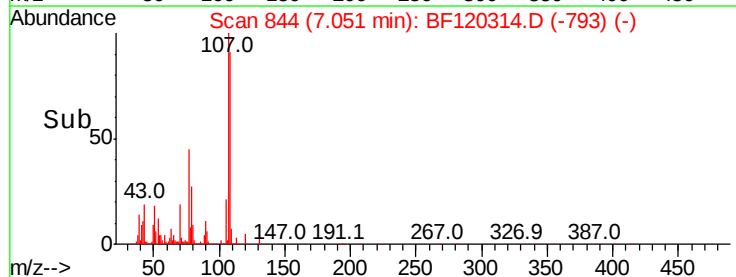
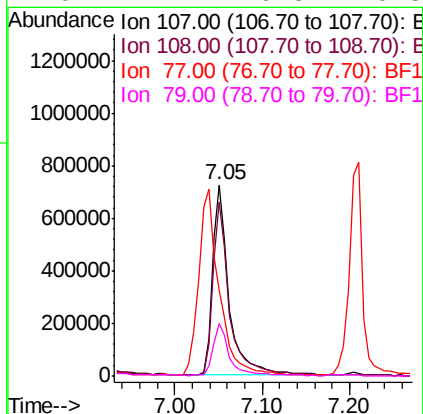
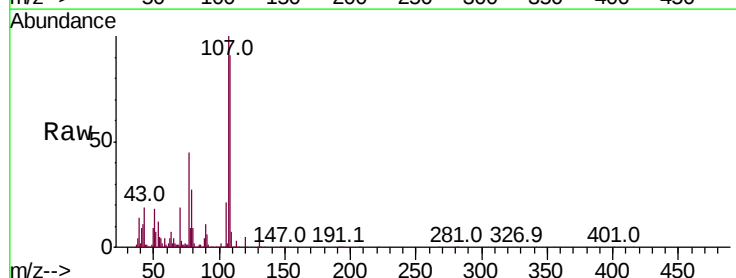
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

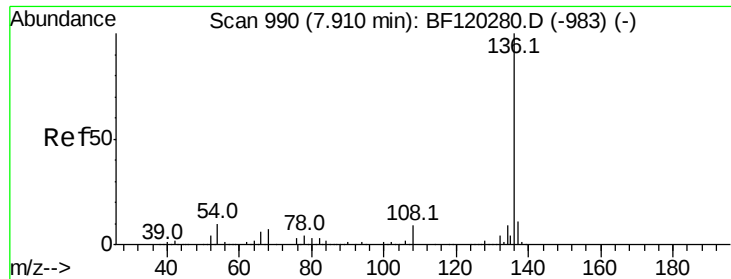
Tot Ion:	70	Resp:	581814
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.4	65.0
101	10.0	7.8	11.8
130	23.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 46.206 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:	107	Resp:	950119
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.1	111.1
77	45.2	28.1	68.1
79	27.2	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1264923

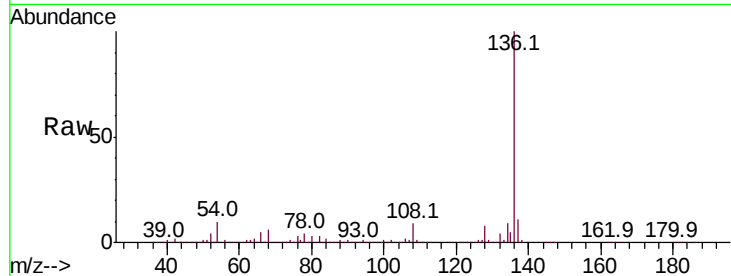
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.5 7.9 11.9

68 6.5 5.4 8.2



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

1500000

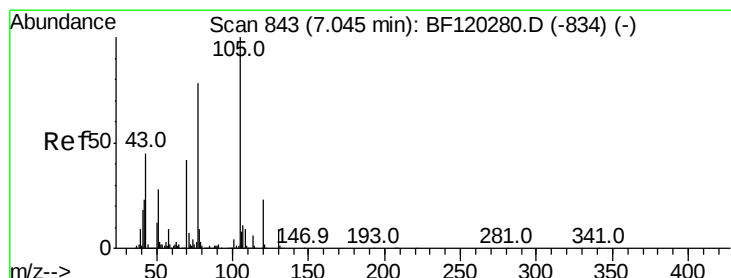
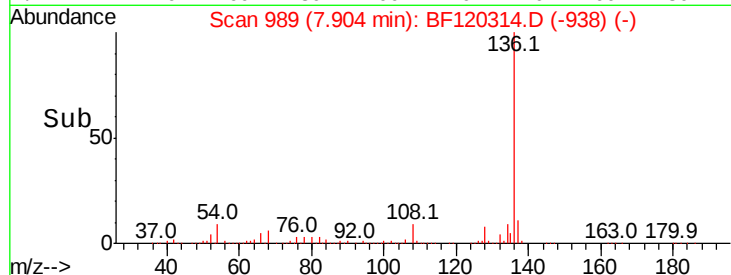
1000000

500000

0

7.80 7.90 8.00 8.10

Time-->



#22

Acetophenone

Concen: 45.954 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Tgt Ion:105 Resp: 1190823

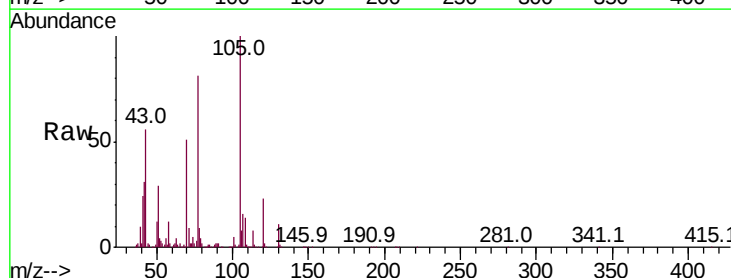
Ion Ratio Lower Upper

105 100

71 8.9 5.6 8.4#

51 29.5 22.6 34.0

120 23.4 18.7 28.1



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

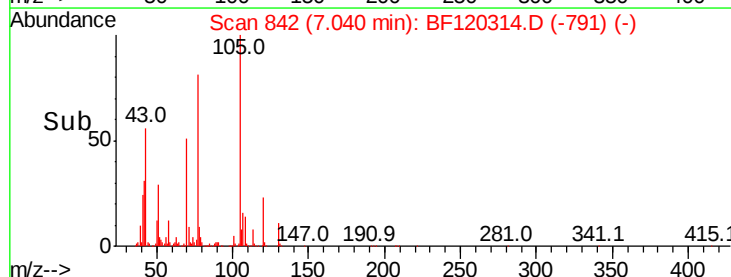
1000000

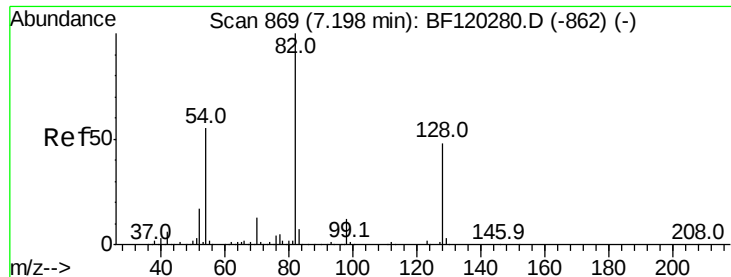
500000

0

7.00 7.10 7.20

Time-->

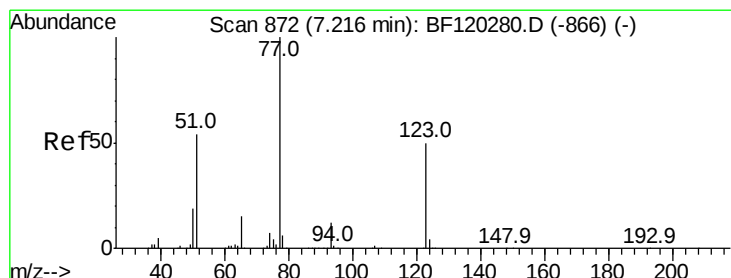
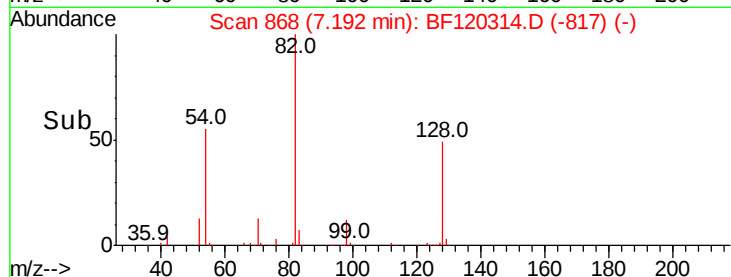
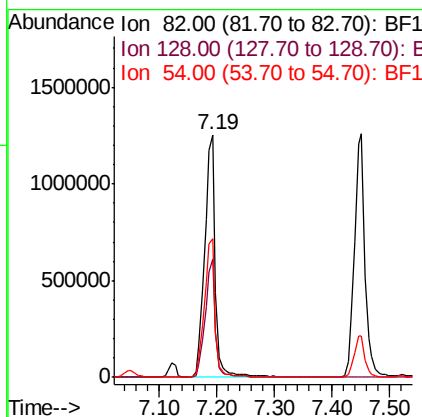
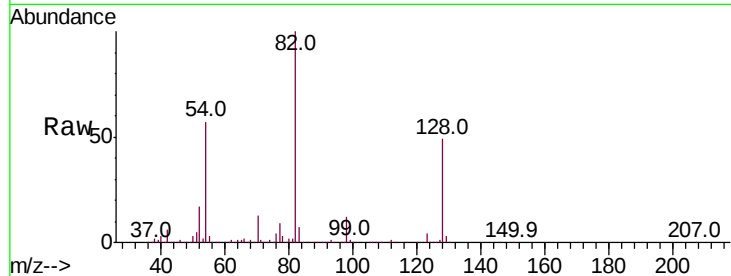




#23
 Nitrobenzene-d5
 Concen: 90.063 ng
 RT: 7.19 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

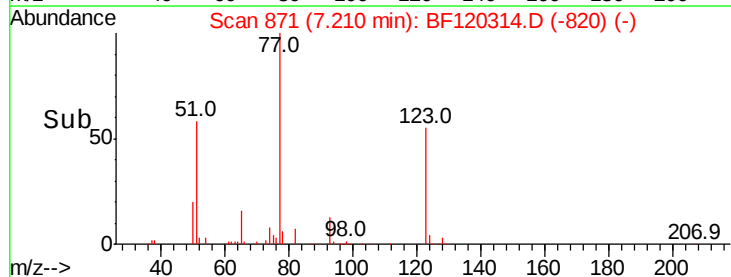
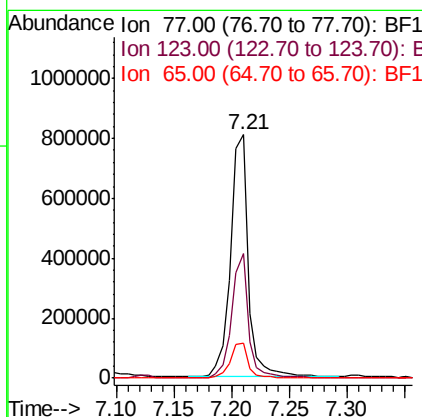
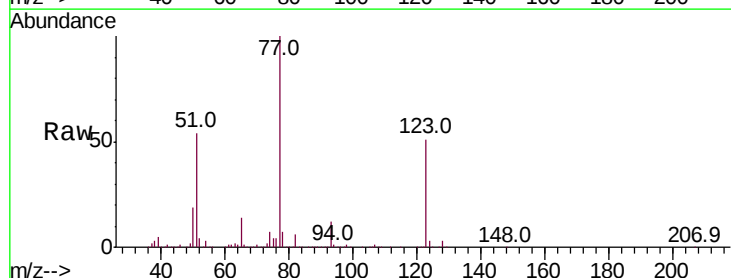
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

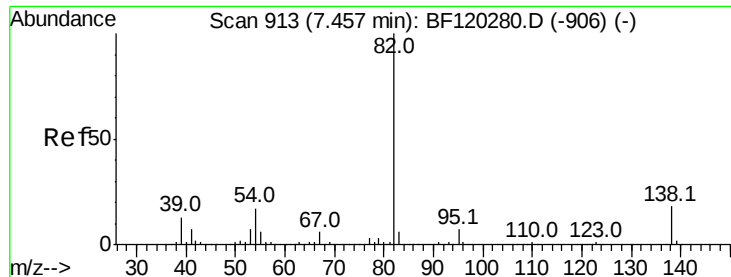
Tot Ion: 82 Resp: 1663919
 Ion Ratio Lower Upper
 82 100
 128 48.8 38.3 57.5
 54 57.2 43.9 65.9



#24
 Nitrobenzene
 Concen: 43.238 ng
 RT: 7.21 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion: 77 Resp: 859718
 Ion Ratio Lower Upper
 77 100
 123 51.3 40.0 60.0
 65 14.5 11.7 17.5





#25

Isophorone

Concen: 41.181 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

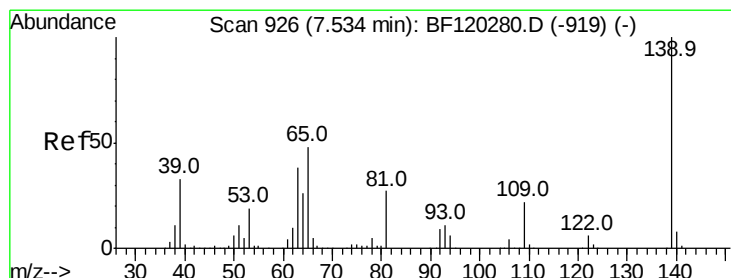
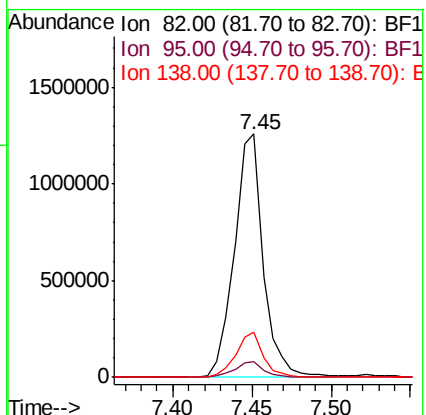
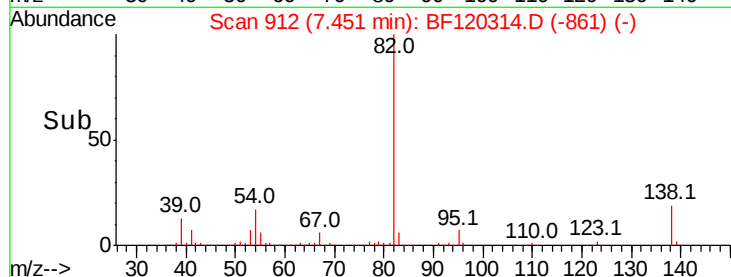
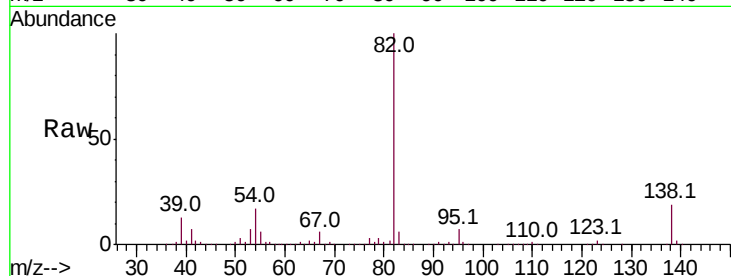
Tot Ion: 82 Resp: 1583022

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 18.7 14.7 22.1



#26

2-Nitrophenol

Concen: 41.604 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

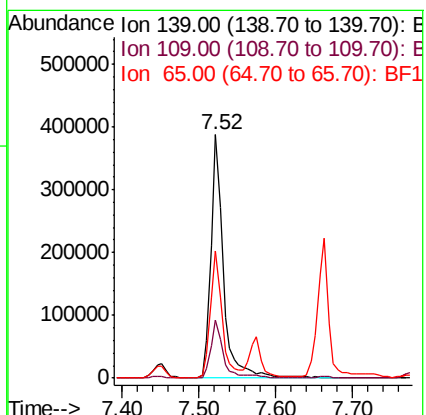
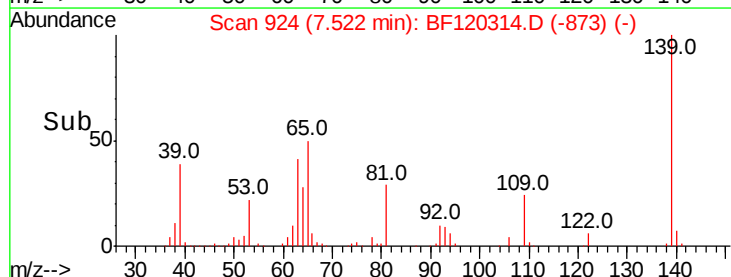
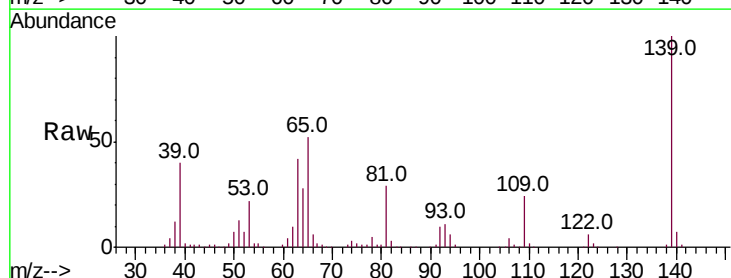
Tgt Ion: 139 Resp: 432638

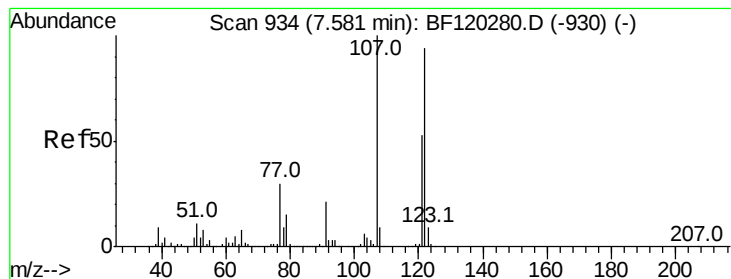
Ion Ratio Lower Upper

139 100

109 24.0 17.7 26.5

65 52.3 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.760 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

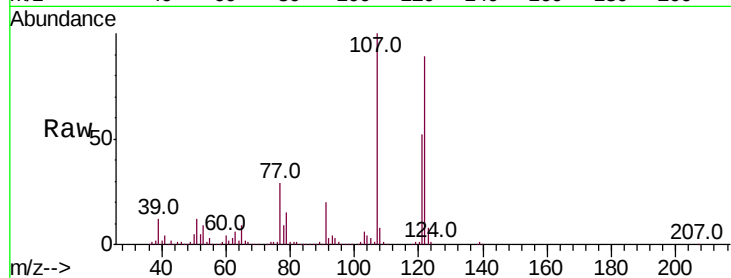
Tot Ion:122 Resp: 616580

Ion Ratio Lower Upper

122 100

107 111.8 85.0 127.6

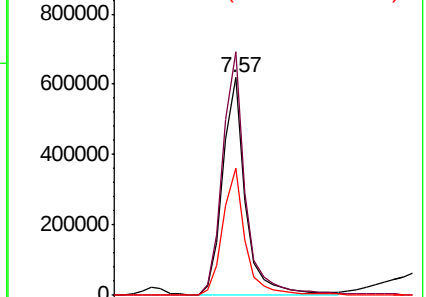
121 58.3 45.1 67.7



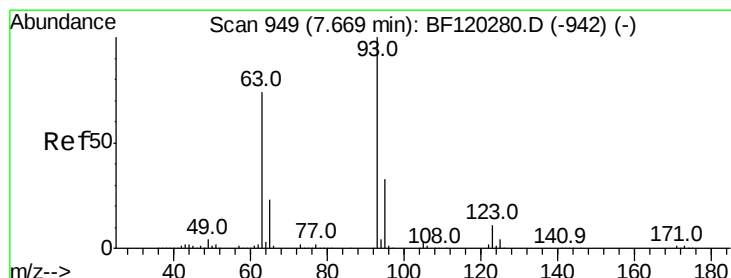
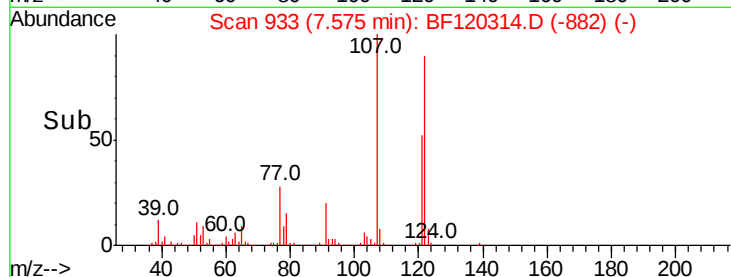
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 39.819 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

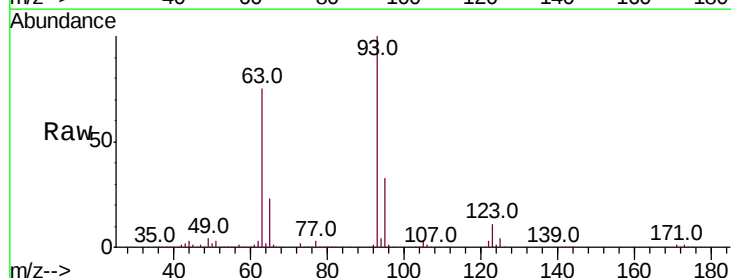
Tgt Ion: 93 Resp: 962099

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

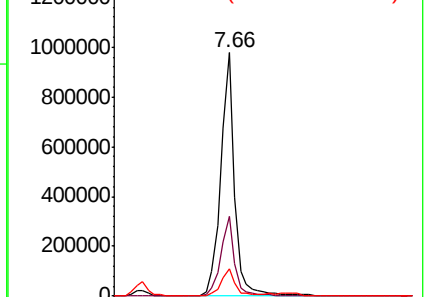
123 11.0 9.2 13.8



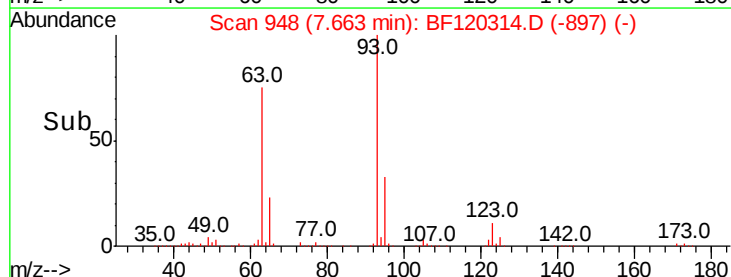
Abundance Ion 93.00 (92.70 to 93.70): BF1

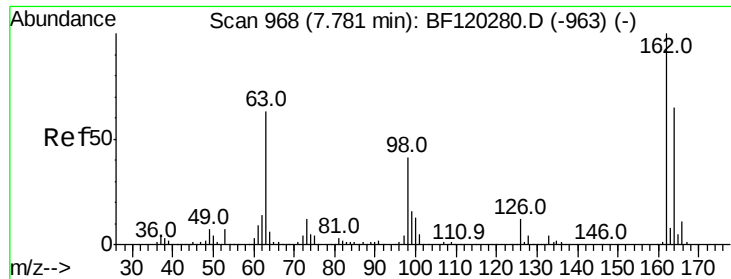
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->

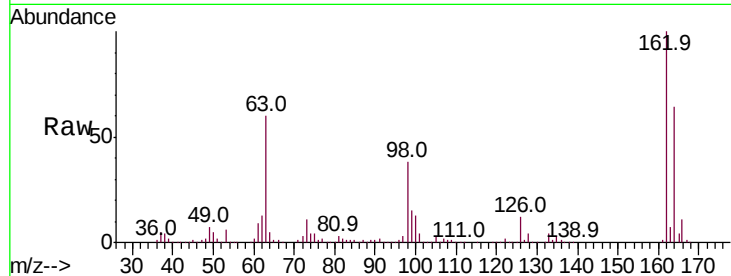




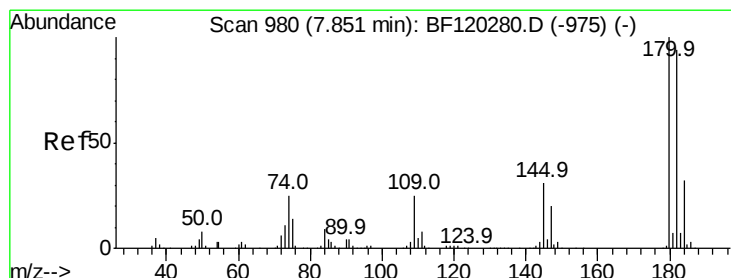
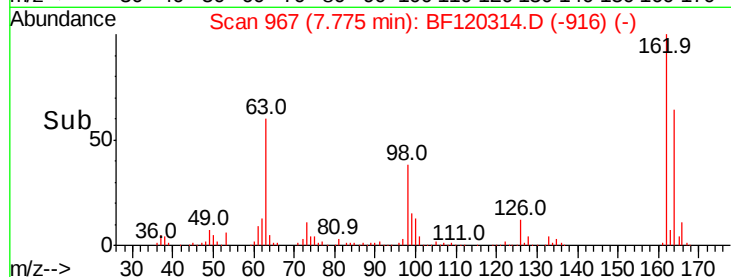
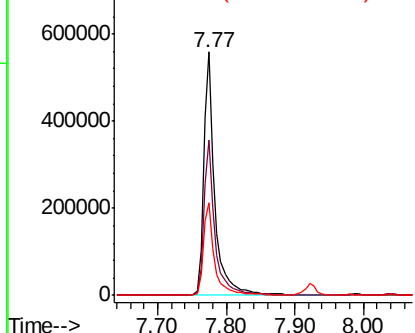
#29
 2,4-Dichlorophenol
 Concen: 41.388 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	37.9	20.7	60.7

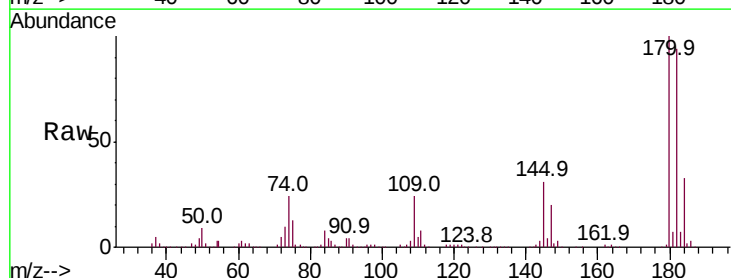


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

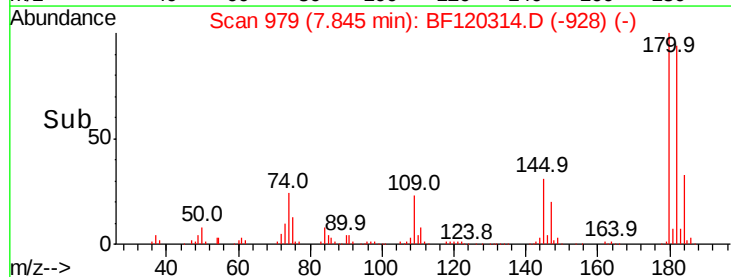
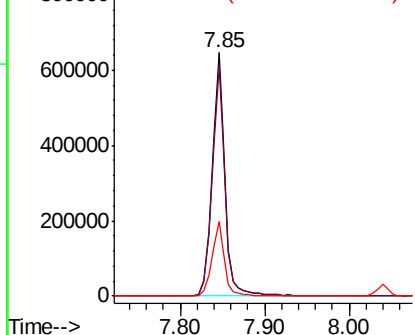


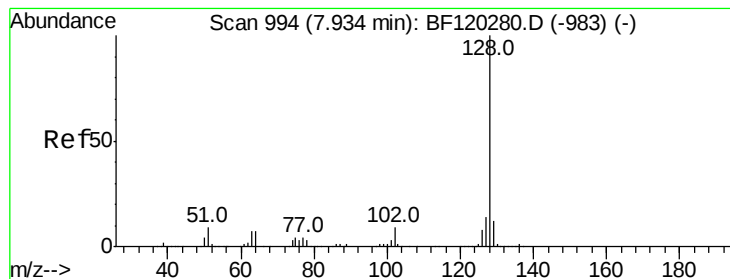
#30
 1,2,4-Trichlorobenzene
 Concen: 40.693 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.3	112.9
145	30.5	24.9	37.3



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: 41.532 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

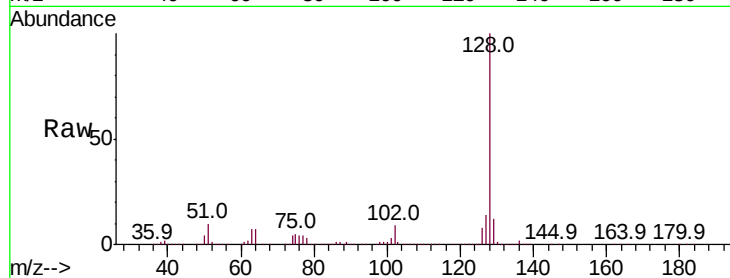
Tot Ion:128 Resp: 2217220

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

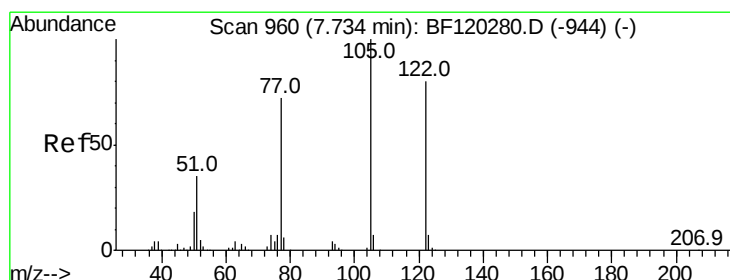
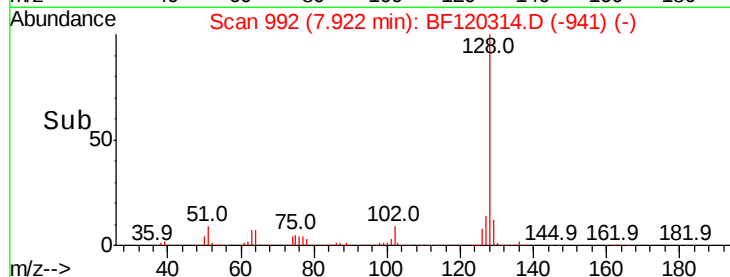
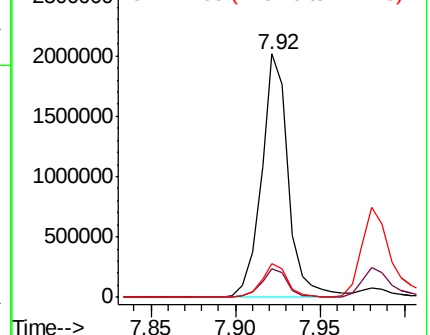
127 13.9 11.2 16.8



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: 43.791 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

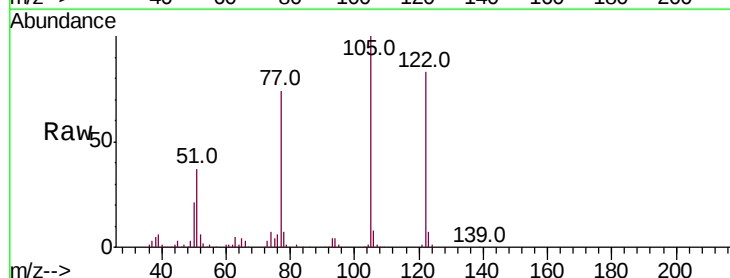
Tgt Ion:122 Resp: 434206

Ion Ratio Lower Upper

122 100

105 120.8 98.1 138.1

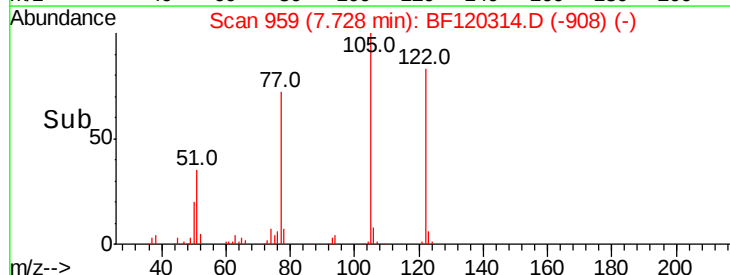
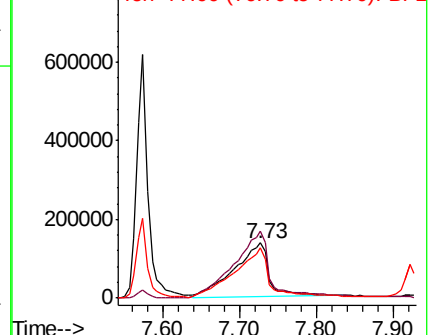
77 89.8 66.7 106.7

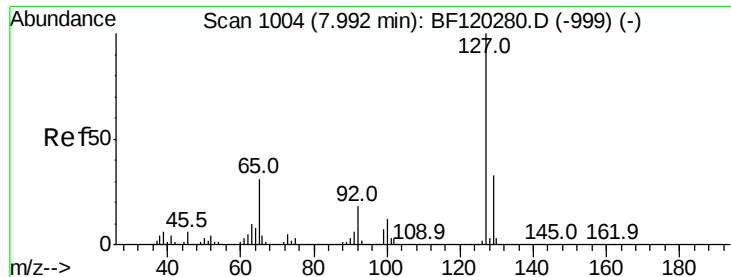


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

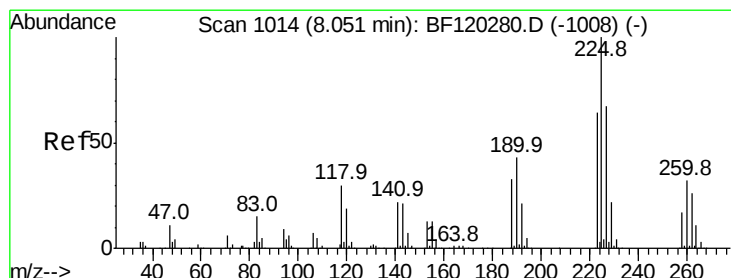
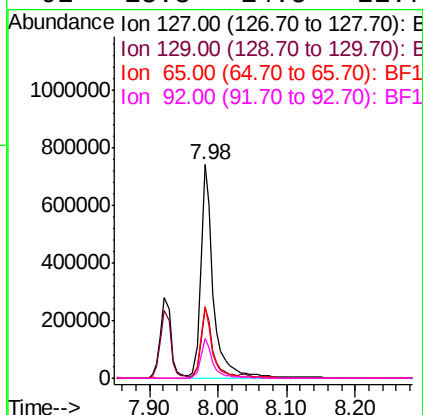
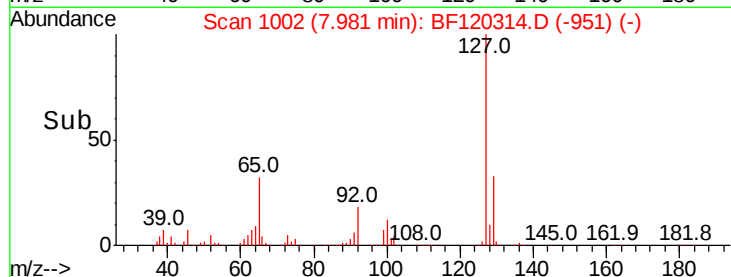
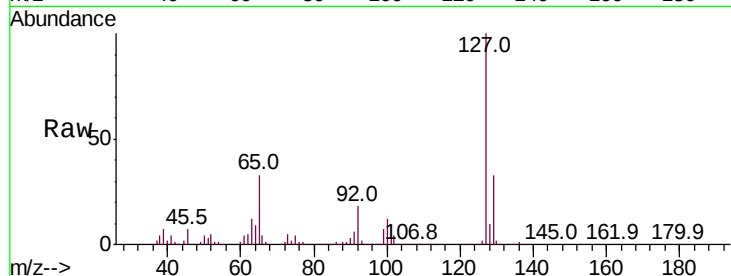




#33
4-Chloroaniline
Concen: 39.439 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

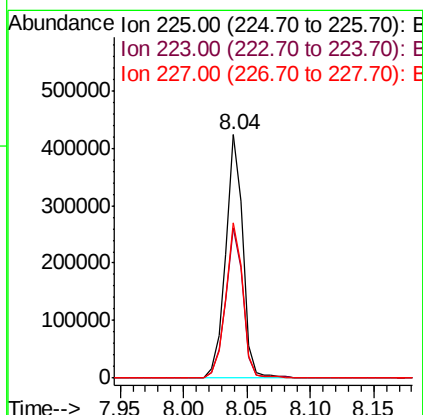
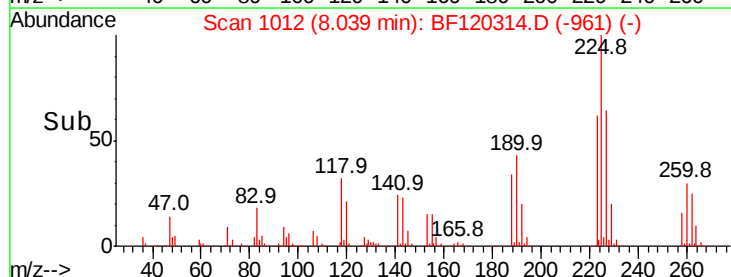
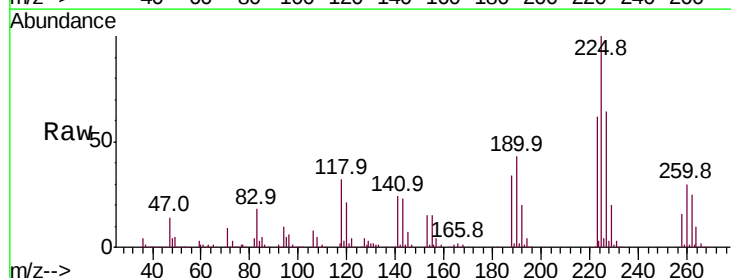
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

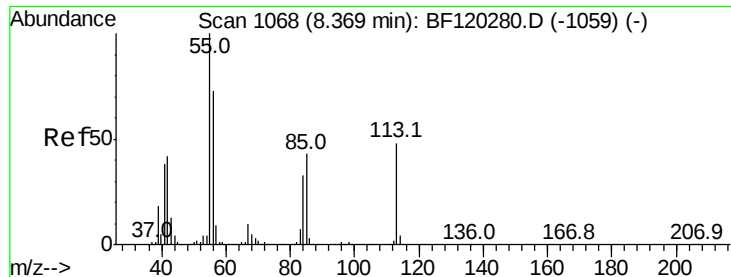
Tot Ion:	127	Resp:	959511
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	33.5	24.8	37.2
92	18.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.001 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:	225	Resp:	398045
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.4	77.0
227	63.9	54.0	81.0

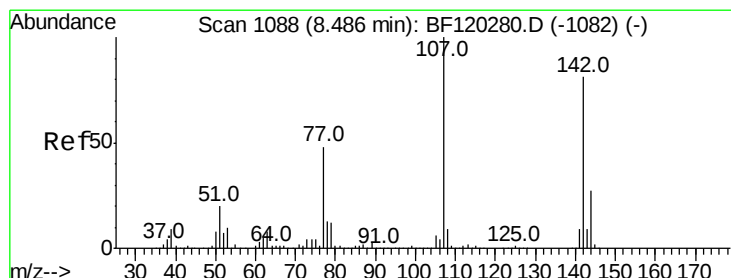
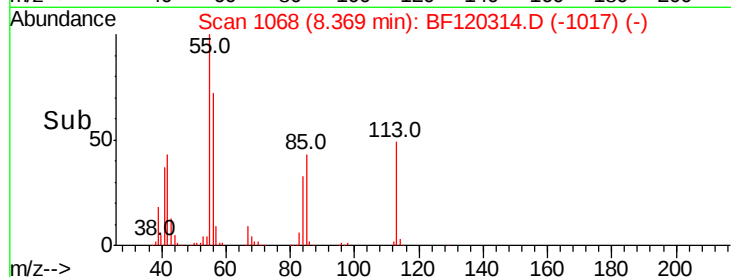
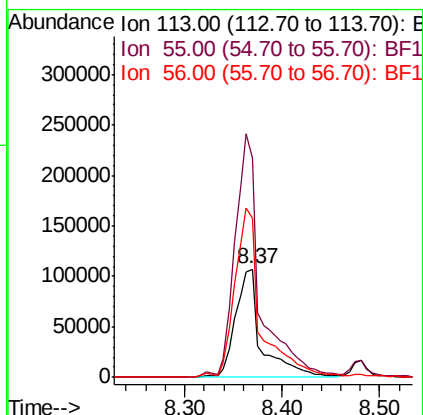
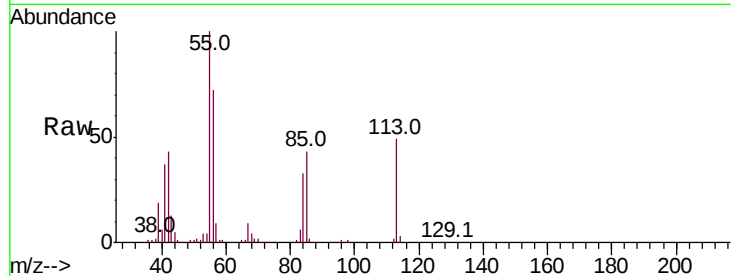




#35
 Caprolactam
 Concen: 39.190 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

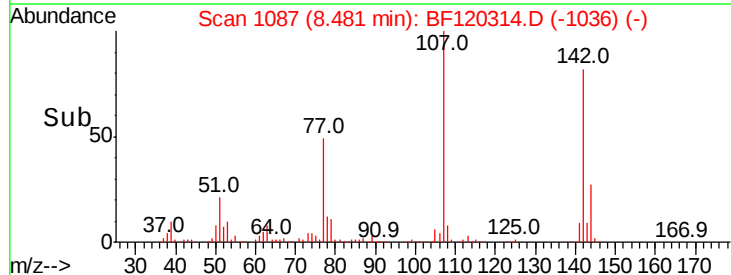
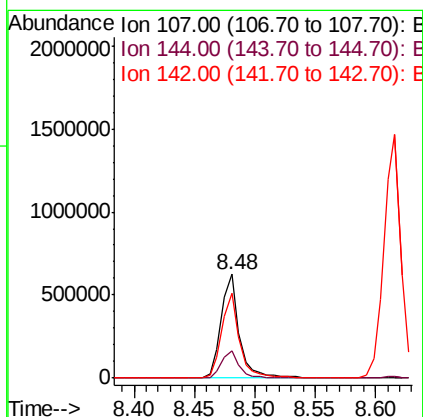
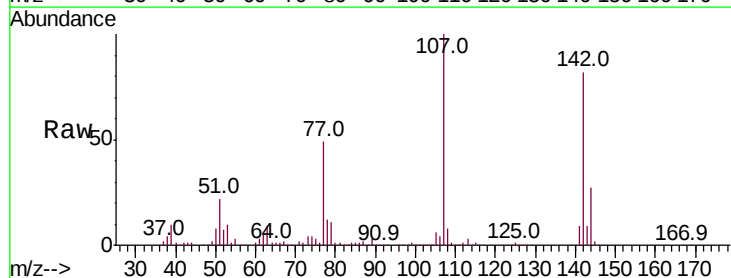
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

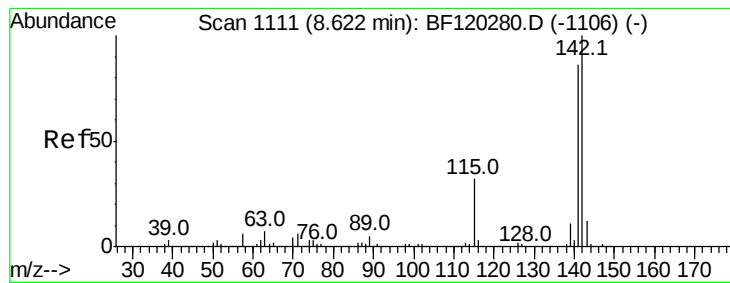
Tot Ion:113 Resp: 199188
 Ion Ratio Lower Upper
 113 100
 55 202.5 190.4 230.4
 56 146.5 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.788 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion:107 Resp: 651905
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.4 32.2
 142 82.4 65.1 97.7





#37

2-Methylnaphthalene

Concen: 41.081 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

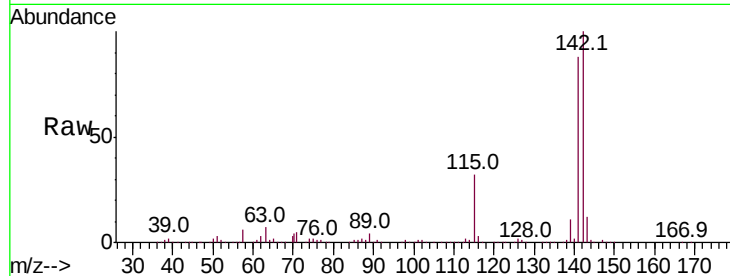
Tot Ion:142 Resp: 1500834

Ion Ratio Lower Upper

142 100

141 87.9 68.8 103.2

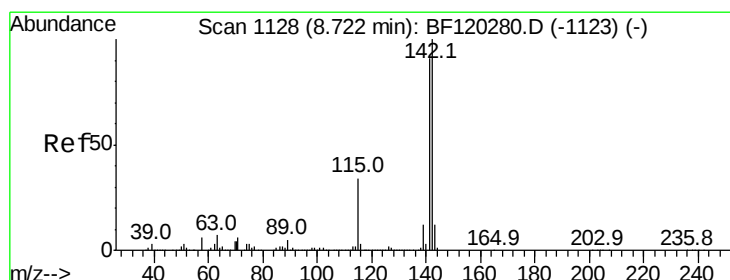
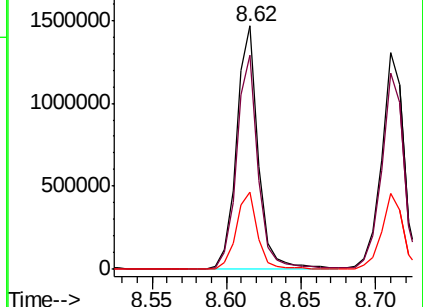
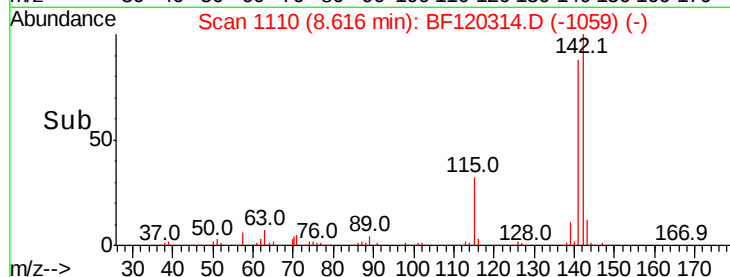
115 31.8 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.413 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

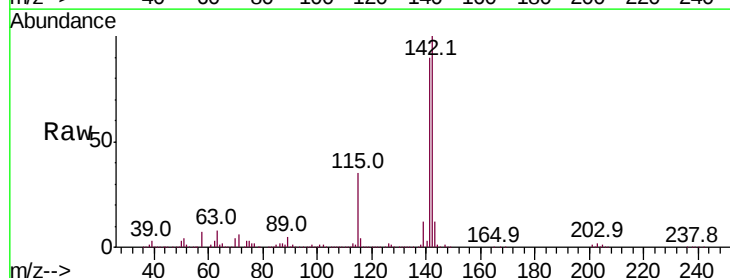
Tgt Ion:142 Resp: 1396515

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.6

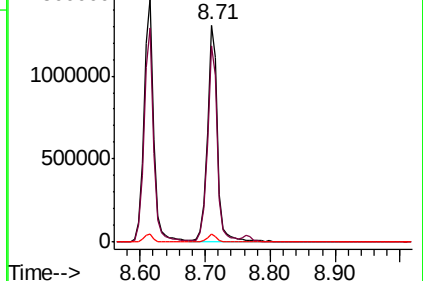
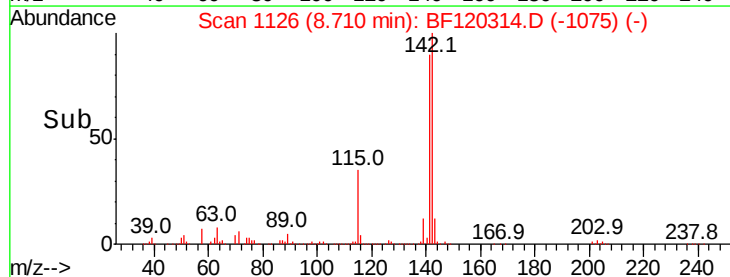
116 3.7 2.7 4.1

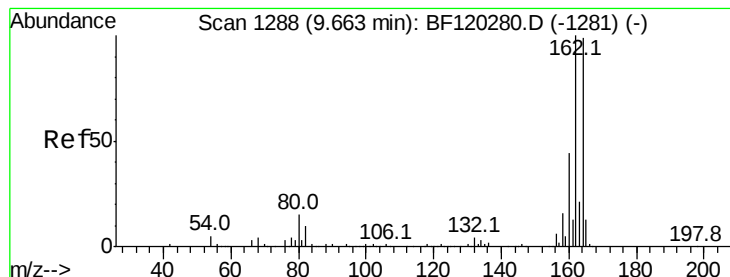


Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

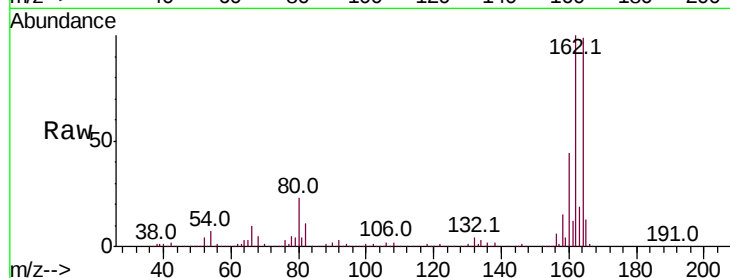
Tot Ion:164 Resp: 705070

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

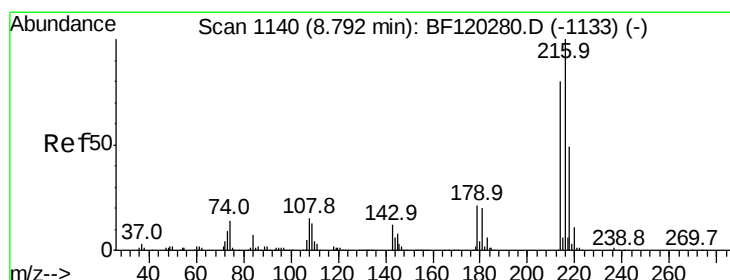
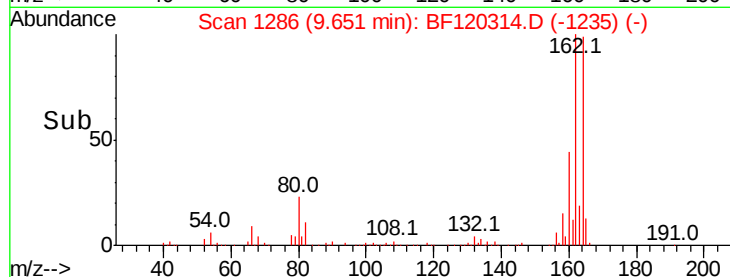
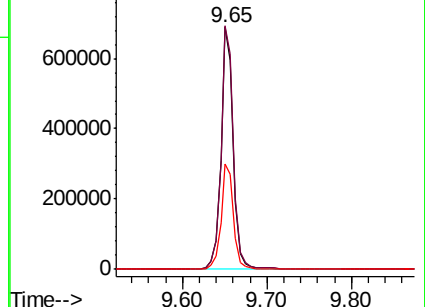
160 43.8 35.8 53.6



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: 35.932 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Tgt Ion:216 Resp: 638829

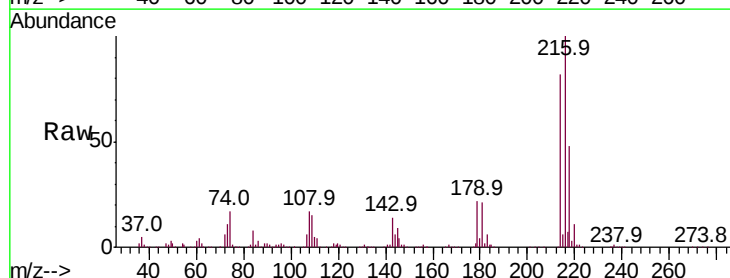
Ion Ratio Lower Upper

216 100

214 79.8 64.0 96.0

179 21.0 16.9 25.3

108 17.6 14.2 21.2

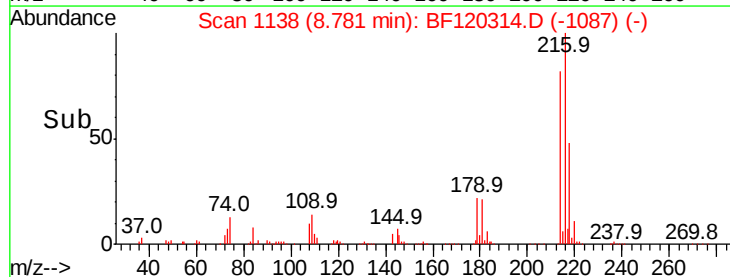
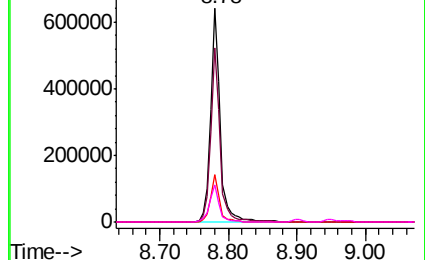


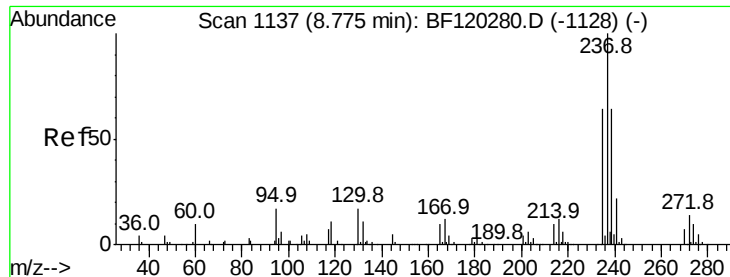
Abundance Ion 216.00 (215.70 to 216.70): E

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

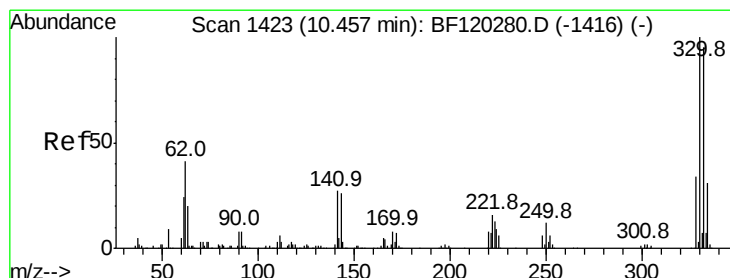
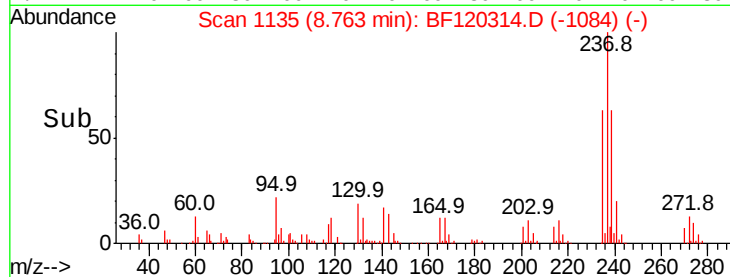
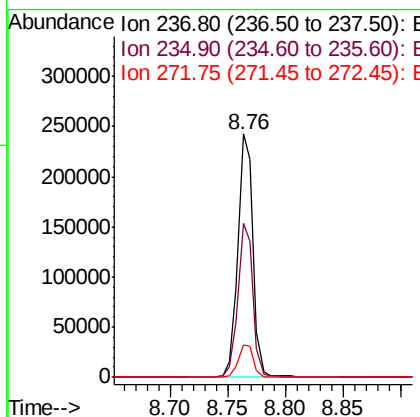
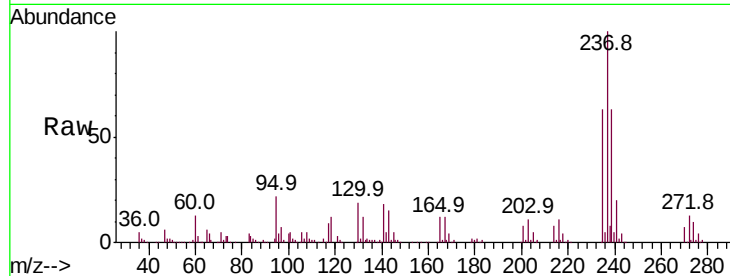




#41
Hexachlorocyclopentadiene
Concen: 34.239 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

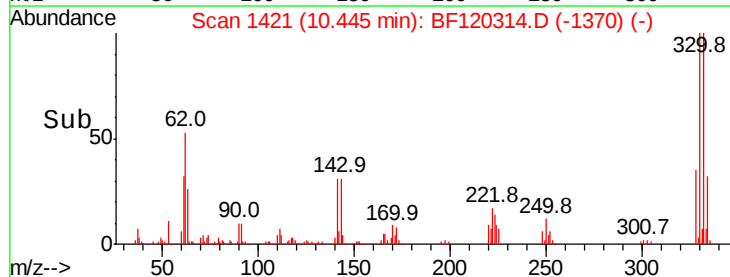
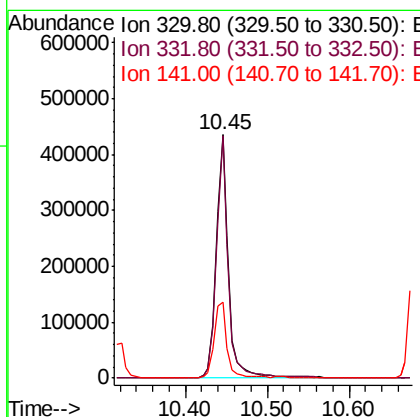
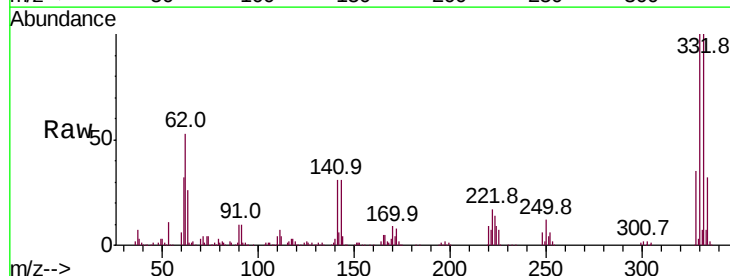
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

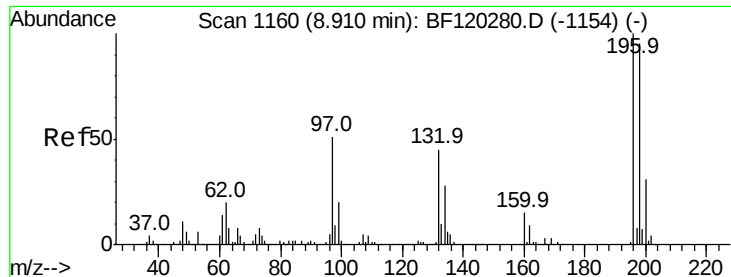
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.8	83.8
272	13.5	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 80.058 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.5	114.7
141	33.0	25.4	38.0





#43

2,4,6-Trichlorophenol

Concen: 39.501 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

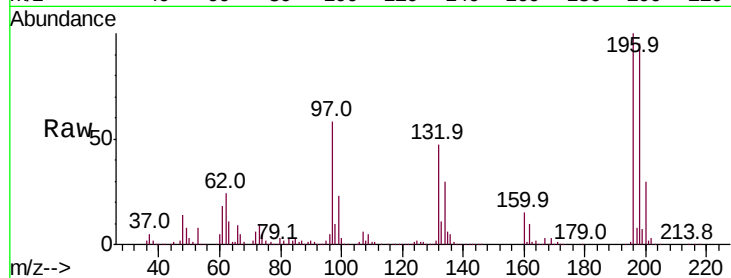
Tot Ion:196 Resp: 471401

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.4

200 29.5 24.9 37.3

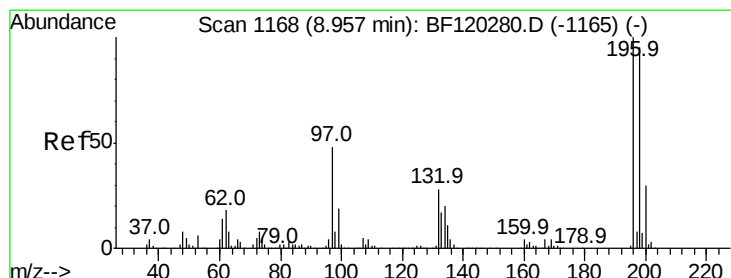
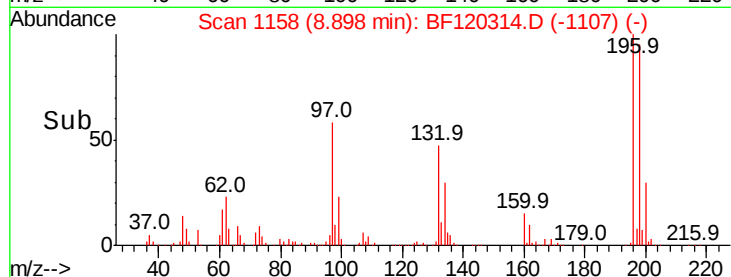
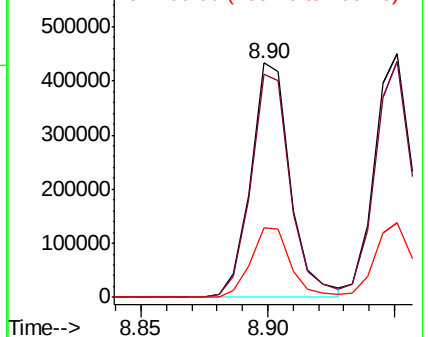


Abundance

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: 38.588 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Tgt Ion:196 Resp: 528855

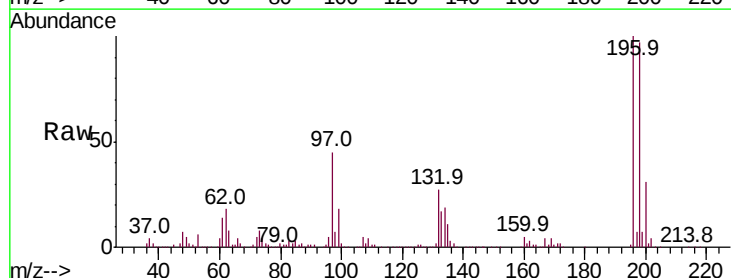
Ion Ratio Lower Upper

196 100

198 97.1 76.2 114.4

97 44.9 38.6 57.8

132 26.7 23.2 34.8



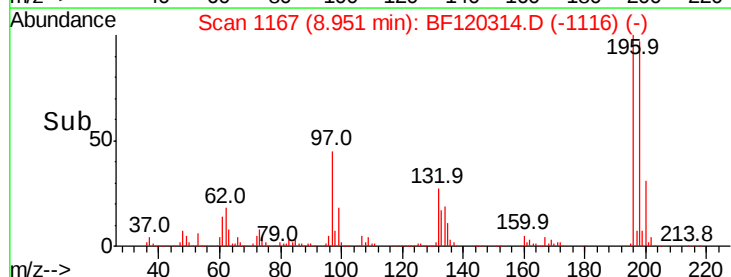
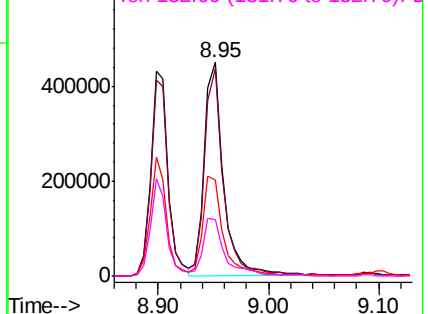
Abundance

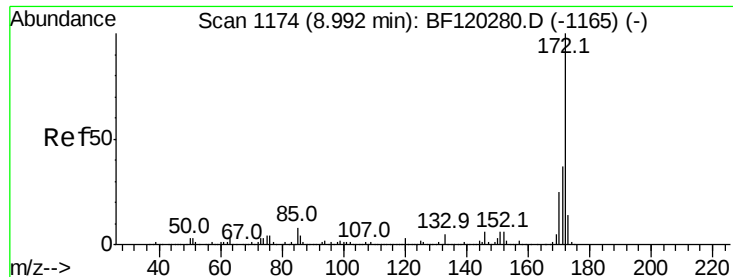
Ion 196.00 (195.70 to 196.70): E

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



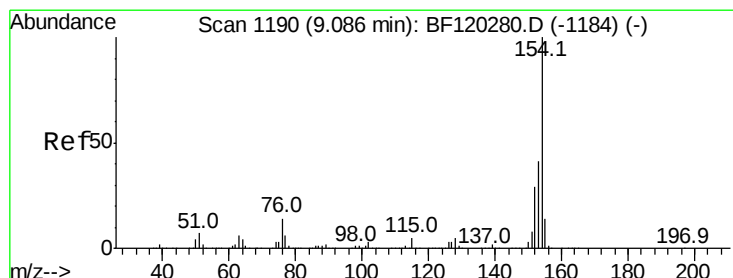
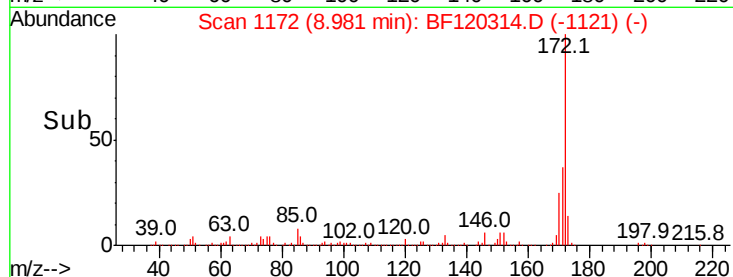
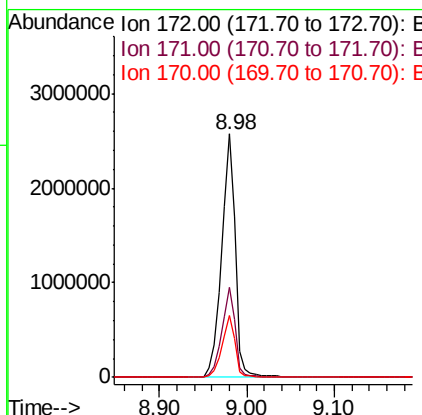
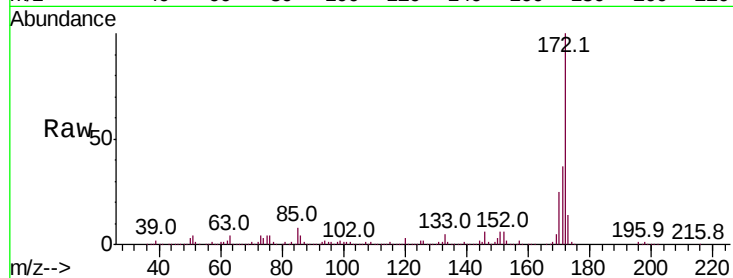


#45
 2-Fluorobiphenyl
 Concen: 82.240 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 2822372

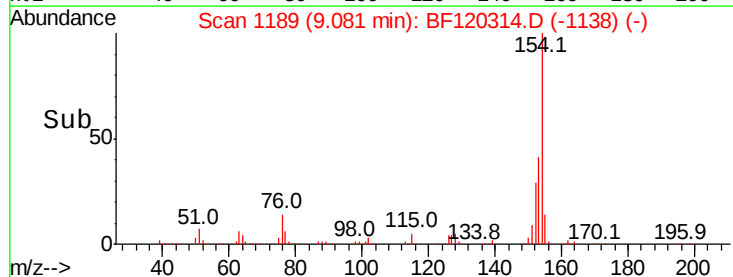
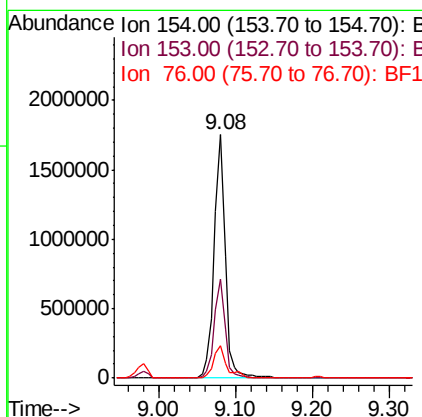
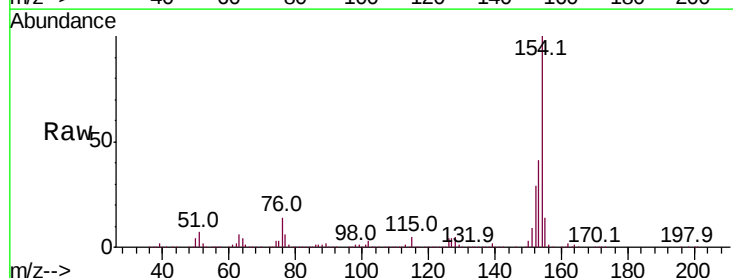
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.4	19.9	29.9

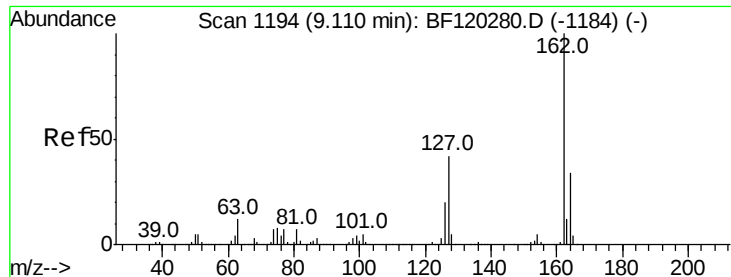


#46
 1,1'-Biphenyl
 Concen: 37.526 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion:154 Resp: 1733568

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.5	0.0	34.3





#47

2-Chloronaphthalene

Concen: 36.752 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

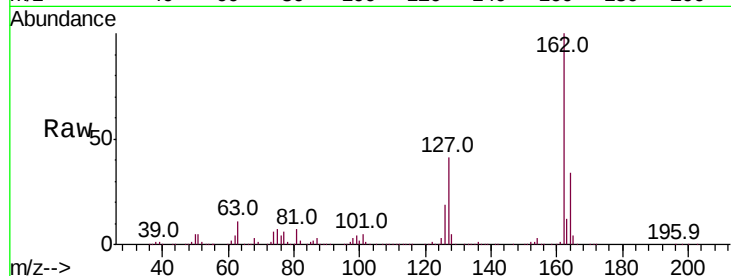
Tot Ion:162 Resp: 1361898

Ion Ratio Lower Upper

162 100

127 40.8 33.4 50.0

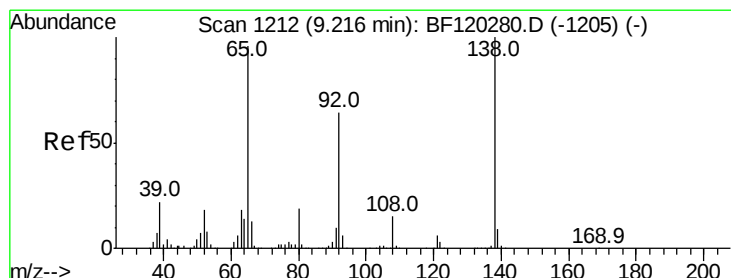
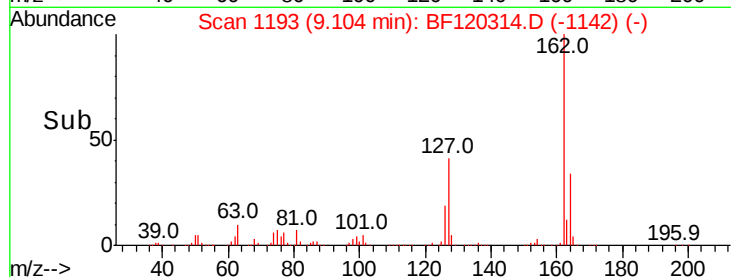
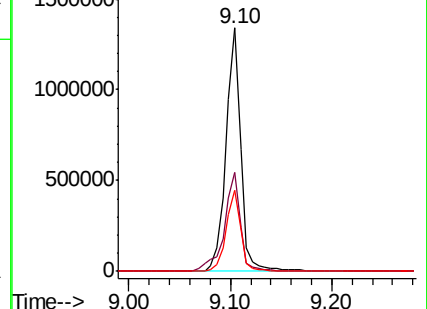
164 33.5 27.0 40.6



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: 36.208 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

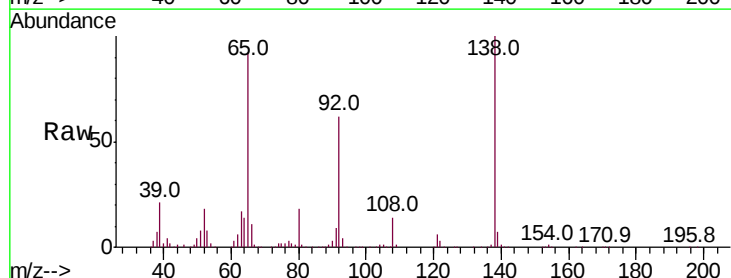
Tgt Ion: 65 Resp: 489554

Ion Ratio Lower Upper

65 100

92 67.4 52.9 79.3

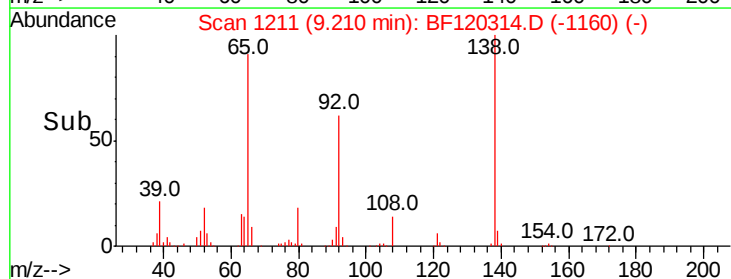
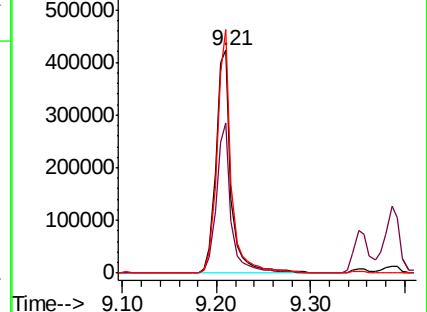
138 109.2 83.0 124.4

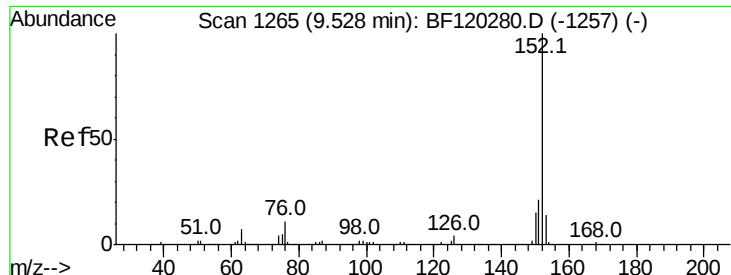


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.967 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

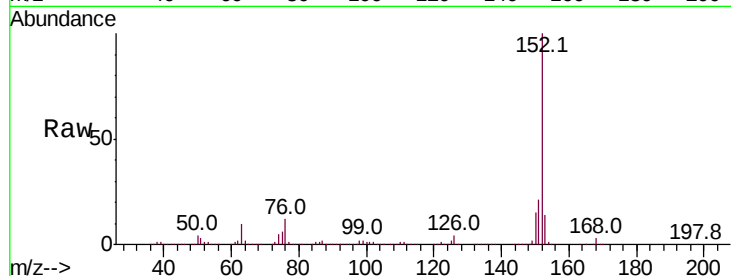
Tot Ion:152 Resp: 2092557

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

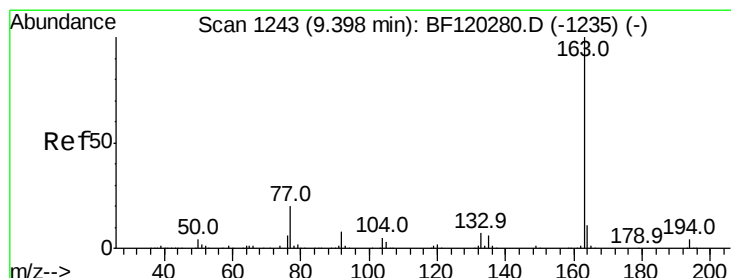
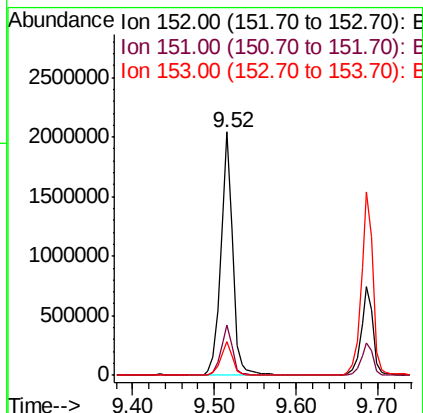
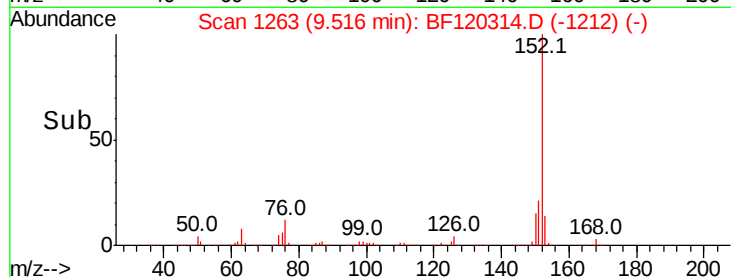
153 13.8 11.1 16.7



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: 35.234 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

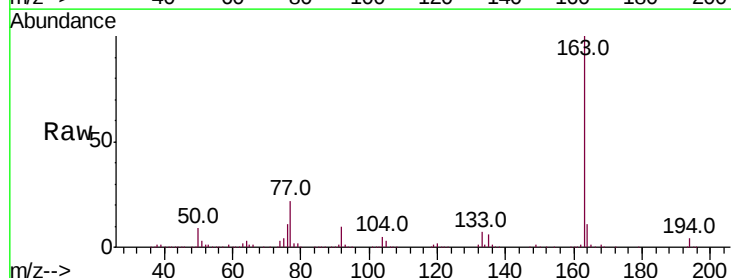
Tgt Ion:163 Resp: 1570388

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

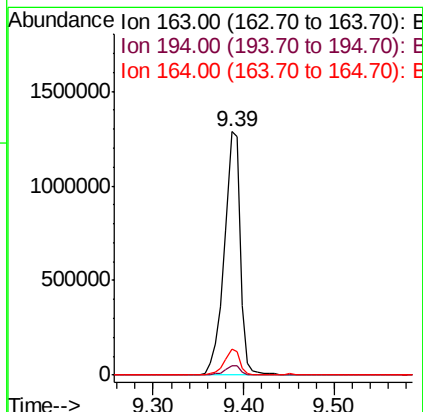
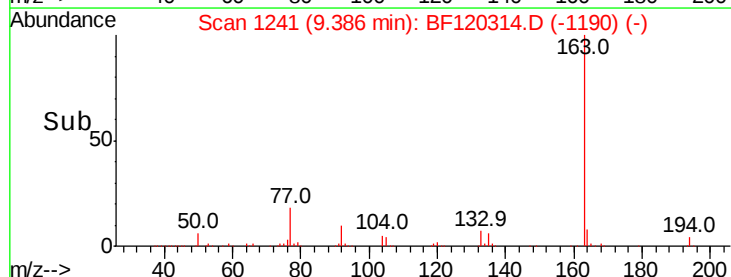
164 10.6 8.6 12.8

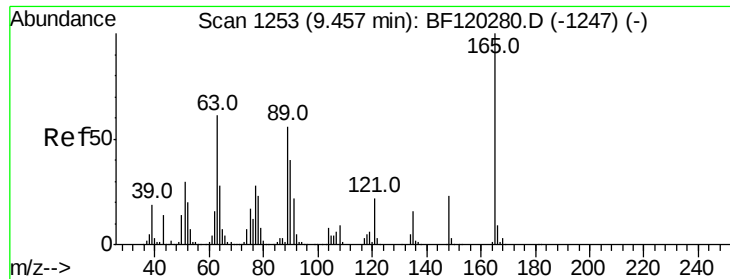


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

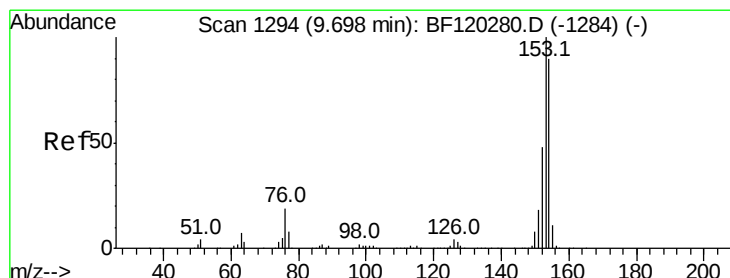
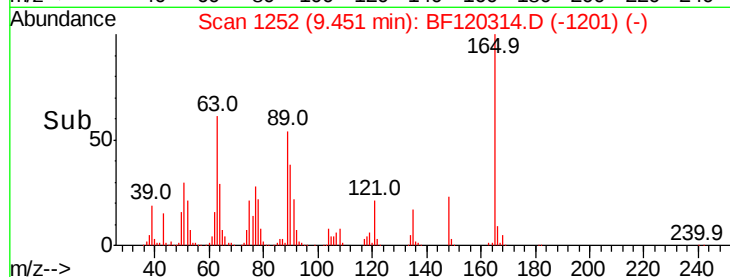
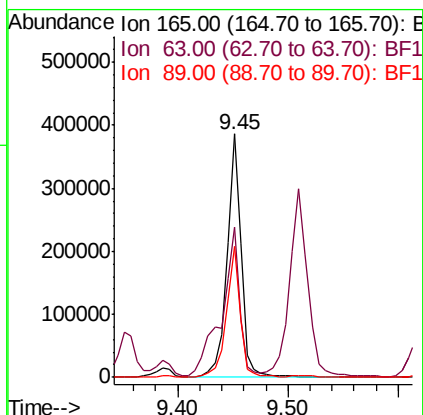
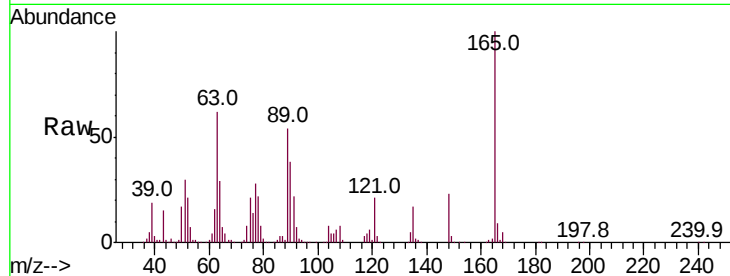




#51
2,6-Dinitrotoluene
Concen: 34.865 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

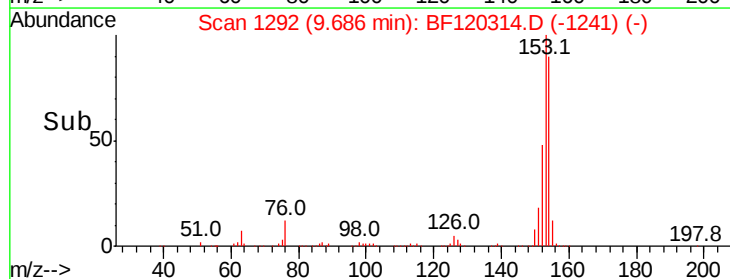
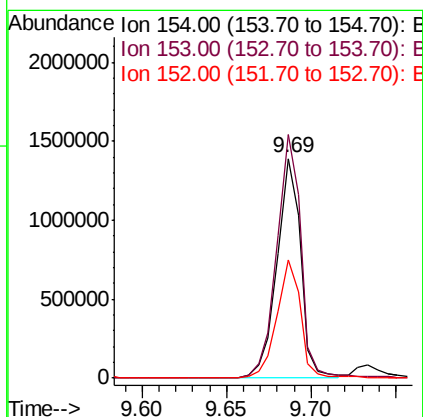
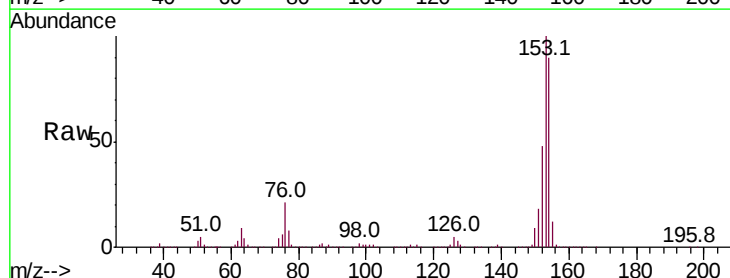
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

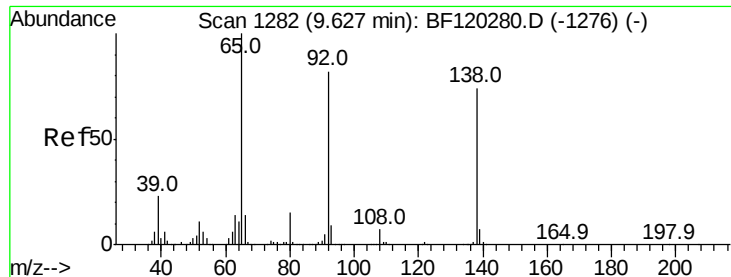
Tot Ion:165 Resp: 346825
Ion Ratio Lower Upper
165 100
63 61.7 50.2 75.2
89 53.6 44.6 66.8



#52
Acenaphthene
Concen: 39.955 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:154 Resp: 1355685
Ion Ratio Lower Upper
154 100
153 111.0 89.0 133.4
152 53.6 42.6 64.0

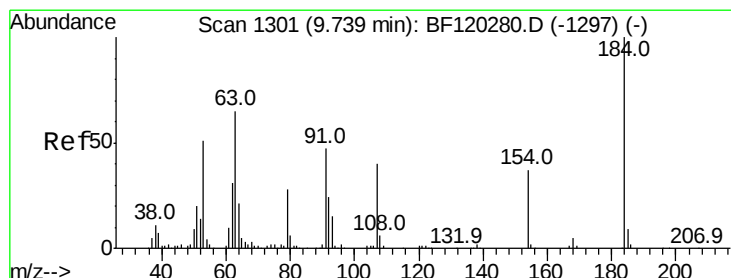
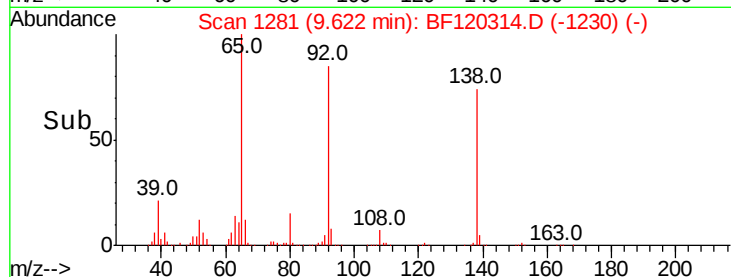
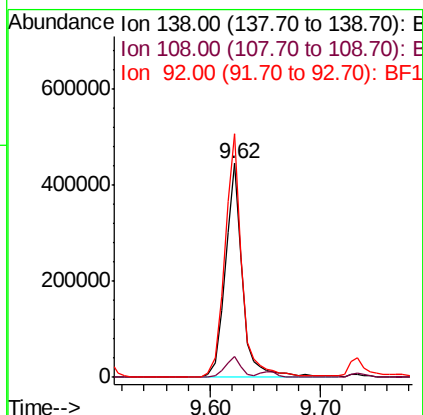
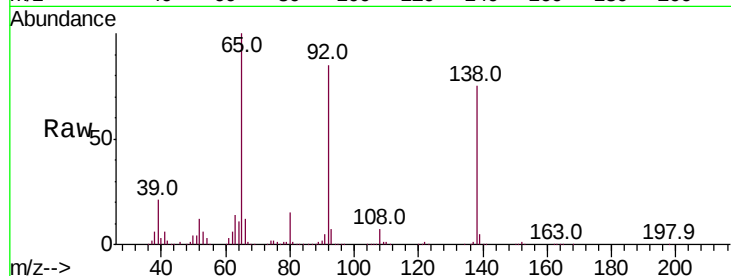




#53
3-Nitroaniline
Concen: 40.751 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

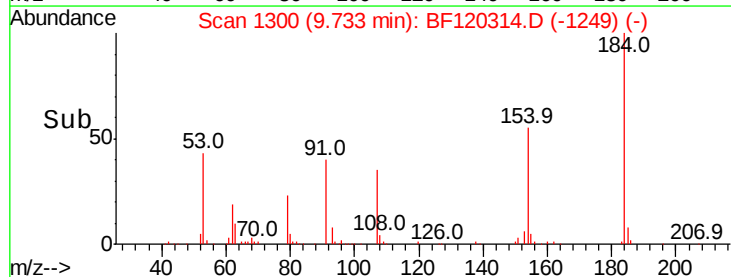
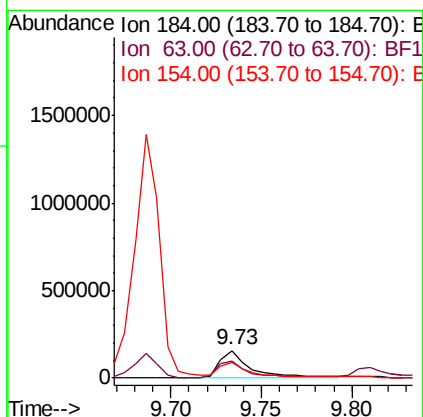
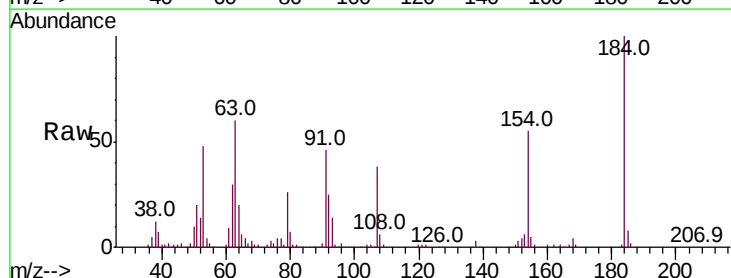
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

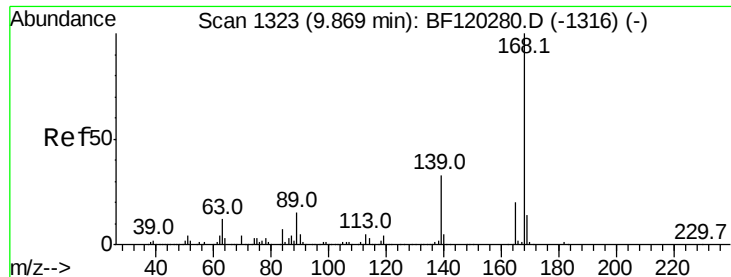
Tot Ion:138 Resp: 483424
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 113.9 89.6 134.4



#54
2,4-Dinitrophenol
Concen: 41.035 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:184 Resp: 192686
Ion Ratio Lower Upper
184 100
63 59.7 53.6 80.4
154 55.1 46.8 70.2

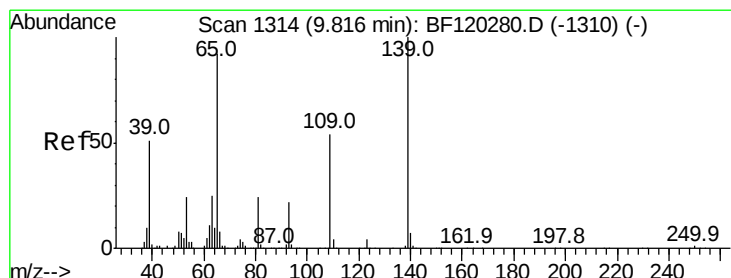
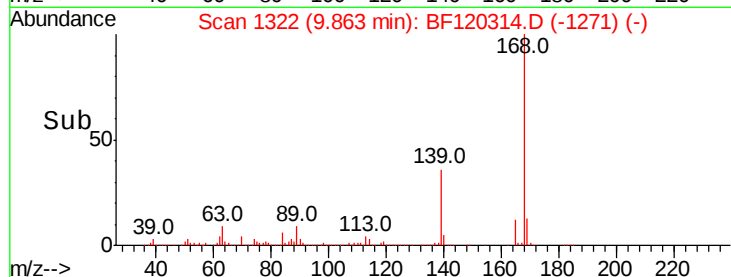
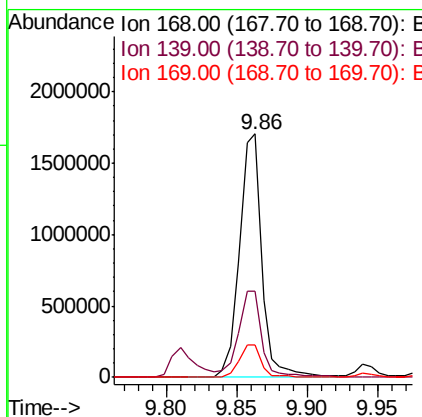
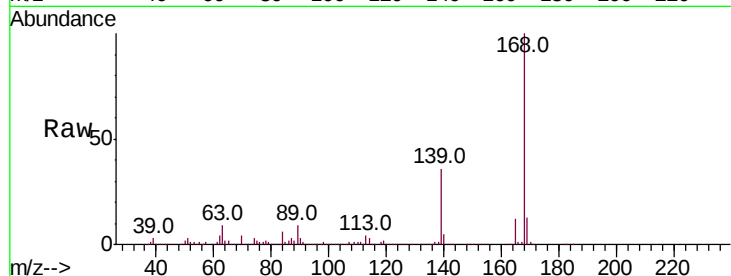




#55
Dibenzofuran
Concen: 38.573 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

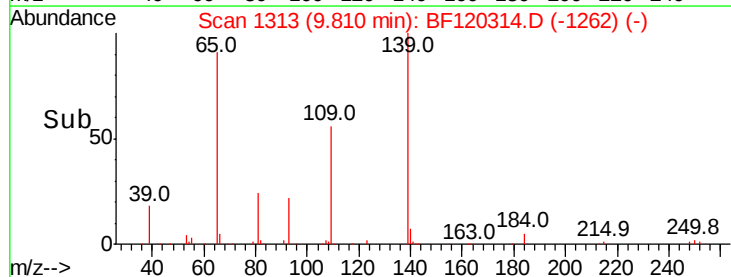
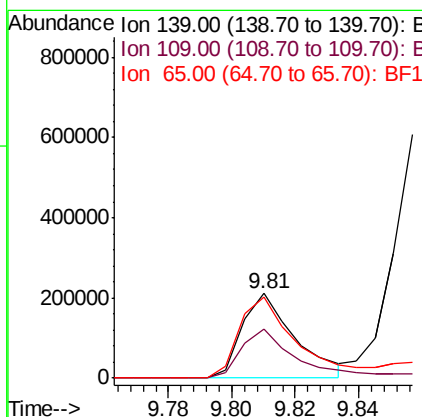
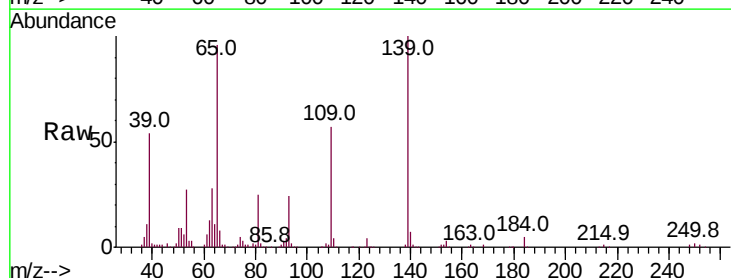
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

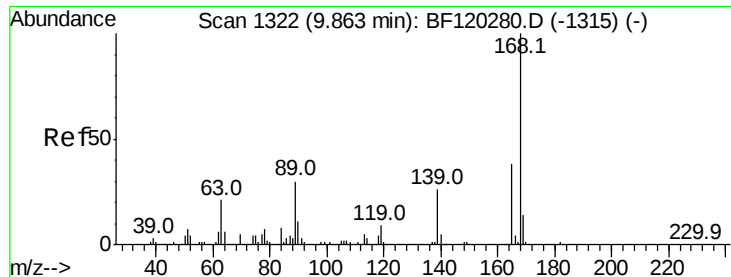
Tot Ion:168 Resp: 1884735
Ion Ratio Lower Upper
168 100
139 35.6 29.8 44.6
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 38.235 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:139 Resp: 243717
Ion Ratio Lower Upper
139 100
109 57.4 34.6 74.6
65 95.8 73.3 113.3

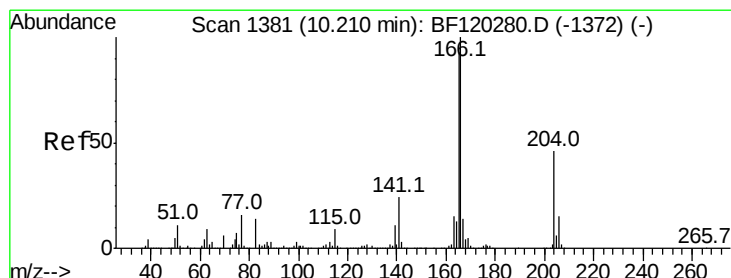
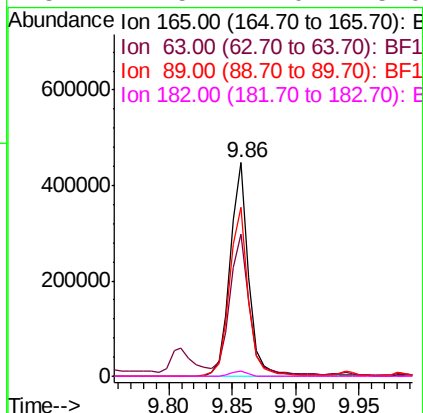
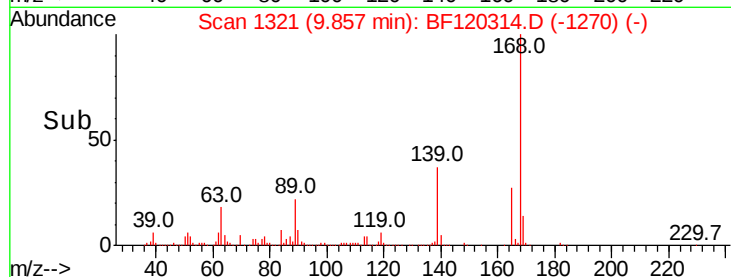
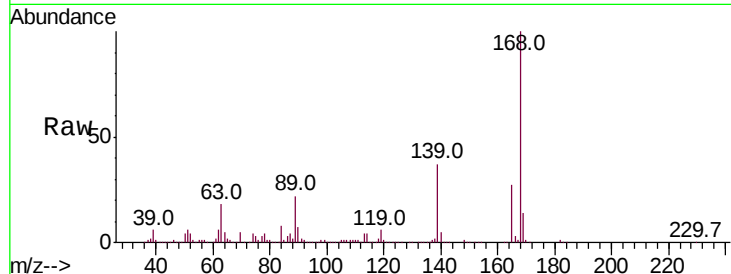




#57
 2,4-Dinitrotoluene
 Concen: 38.655 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

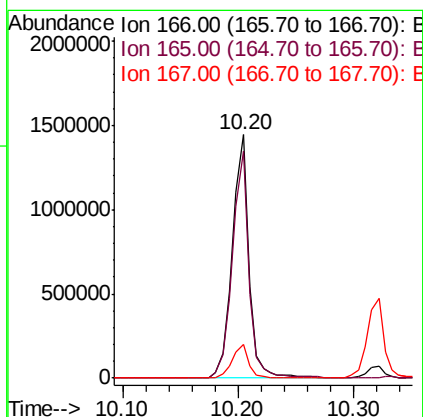
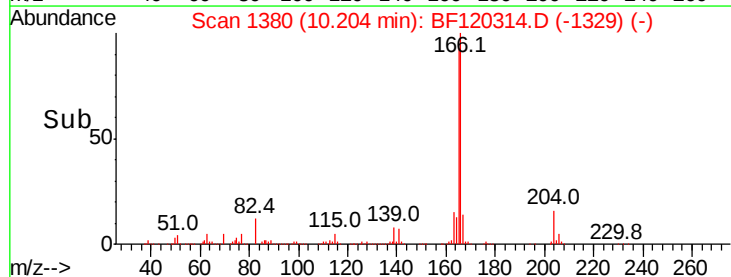
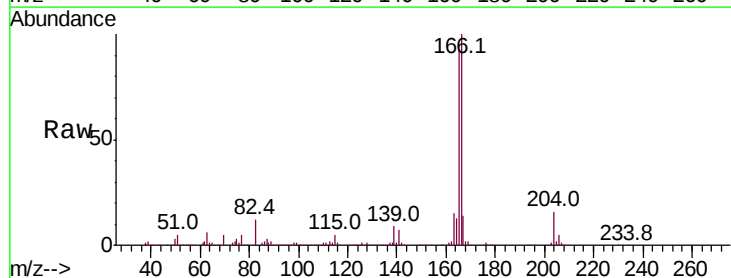
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

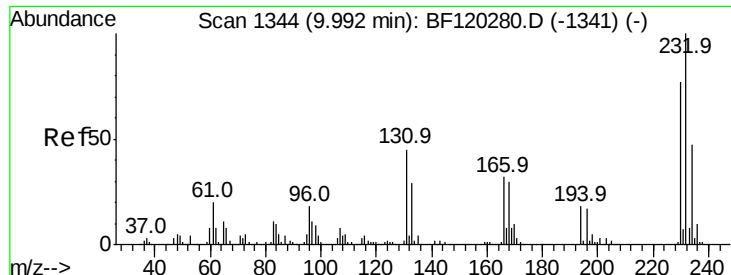
Tot Ion:165 Resp: 451072
 Ion Ratio Lower Upper
 165 100
 63 66.4 51.8 77.8
 89 79.0 64.2 96.4
 182 2.5 2.0 3.0



#58
 Fluorene
 Concen: 38.895 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion:166 Resp: 1447356
 Ion Ratio Lower Upper
 166 100
 165 93.4 74.7 112.1
 167 13.6 11.4 17.0

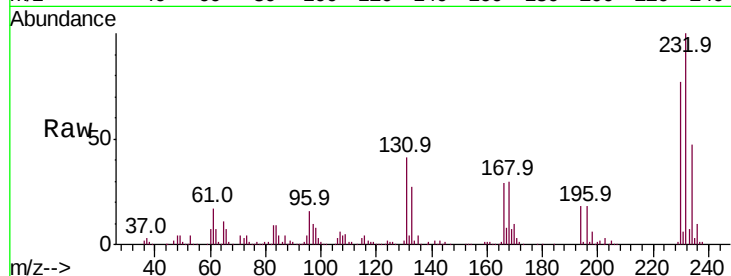




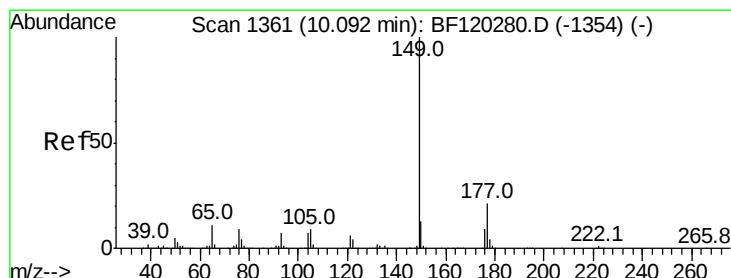
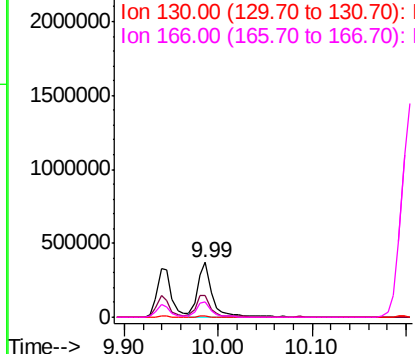
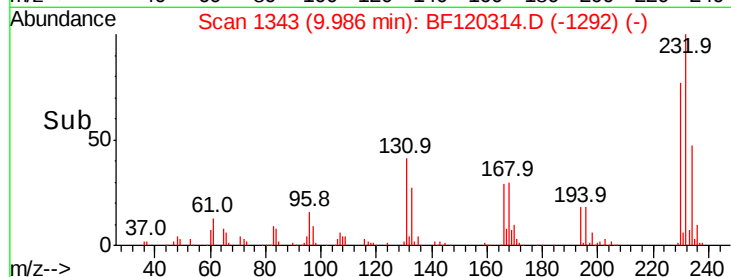
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.429 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	232	Resp:	386037
Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.1	51.1
130	2.0	1.7	2.5
166	28.9	23.3	34.9

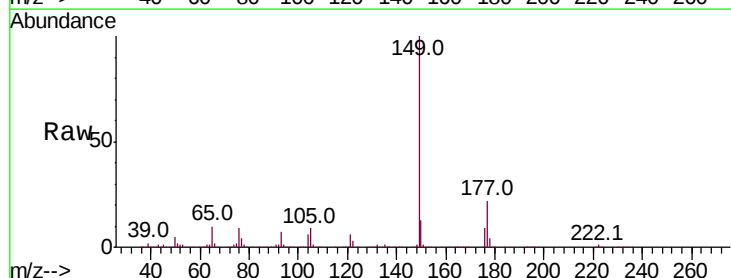


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

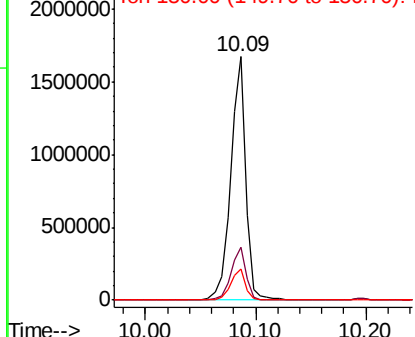
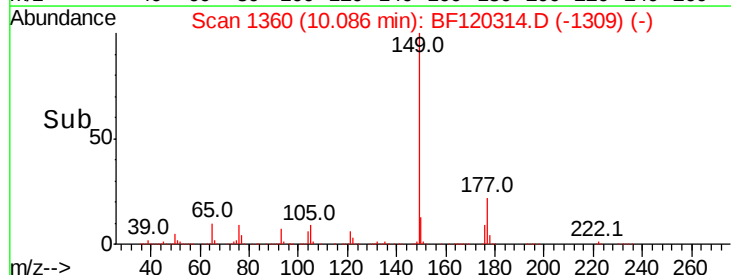


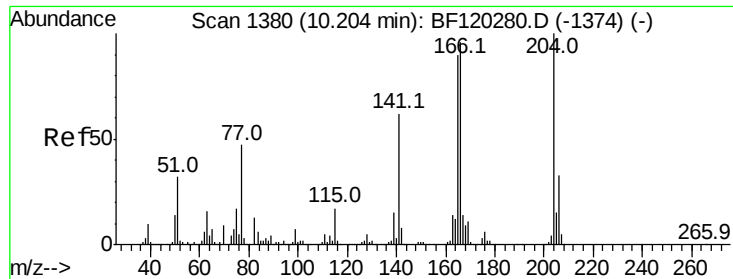
#60
 Diethylphthalate
 Concen: 37.104 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion:	149	Resp:	1596566
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.6	10.3	15.5



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

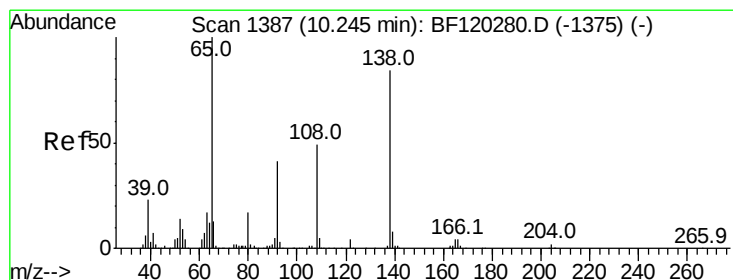
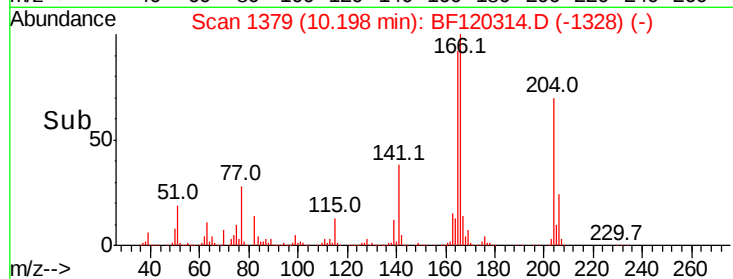
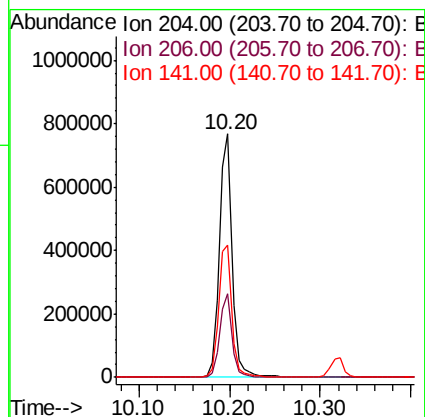
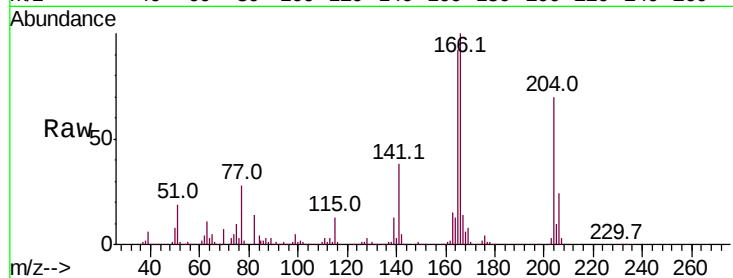




#61
4-Chlorophenyl-phenylether
Concen: 38.286 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

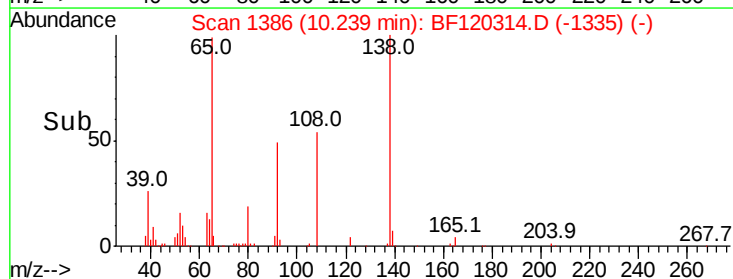
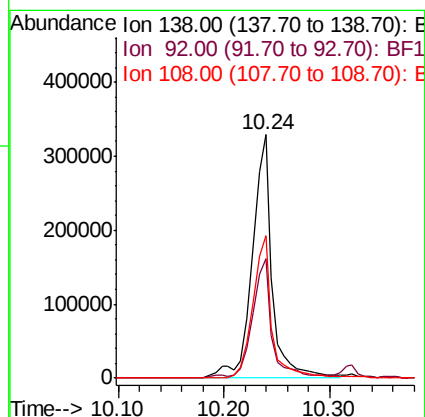
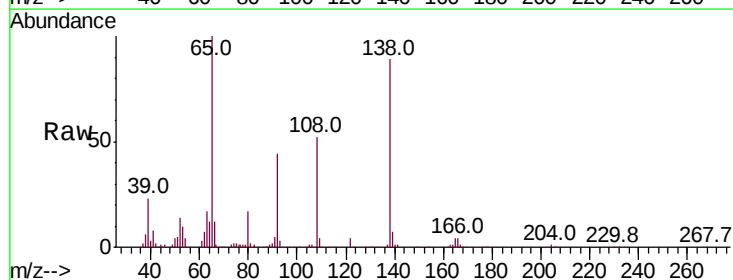
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

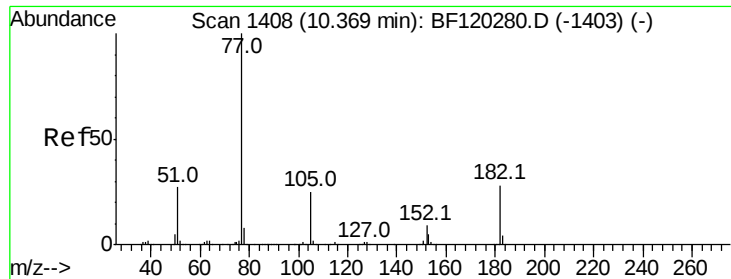
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.8	40.2
141	54.1	49.5	74.3



#62
4-Nitroaniline
Concen: 39.377 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	28.9	68.9
108	58.3	38.4	78.4





#63

Azobenzene

Concen: 37.291 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1516562

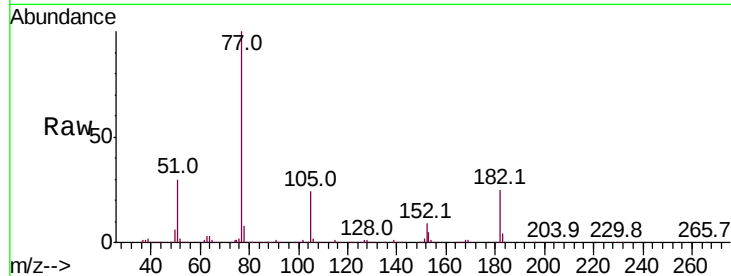
Ion Ratio Lower Upper

77 100

182 25.0 7.4 47.4

105 24.0 4.4 44.4

51 29.9 8.3 48.3

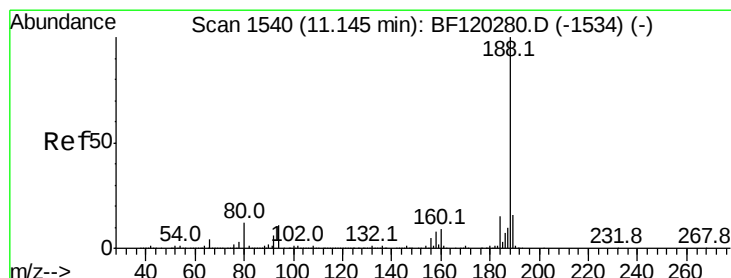
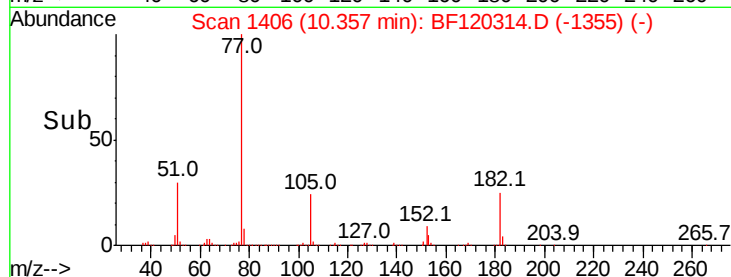
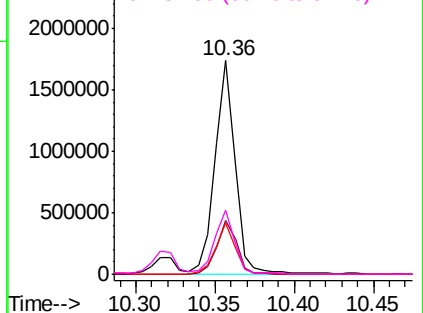


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

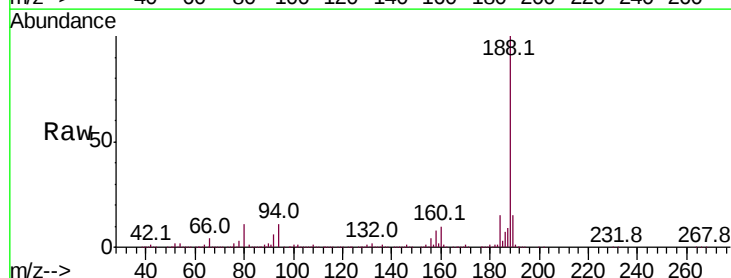
Tgt Ion: 188 Resp: 1116826

Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

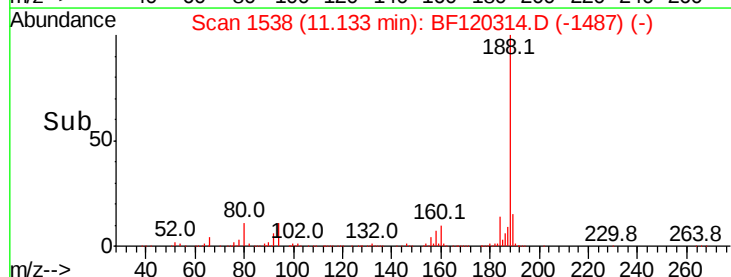
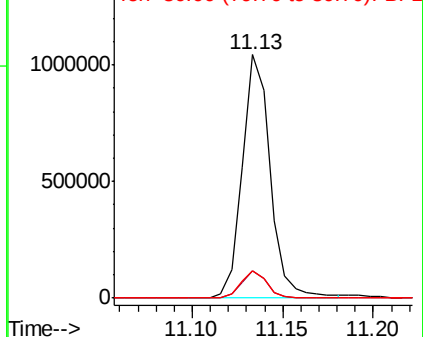
80 11.3 9.2 13.8

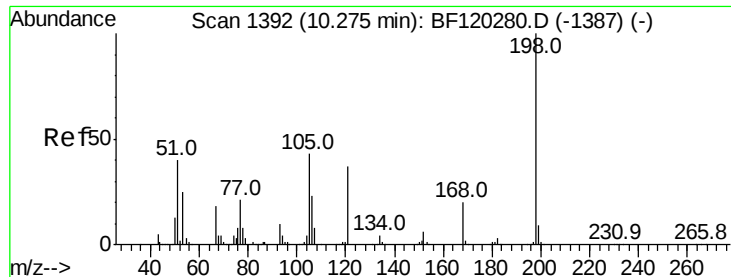


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

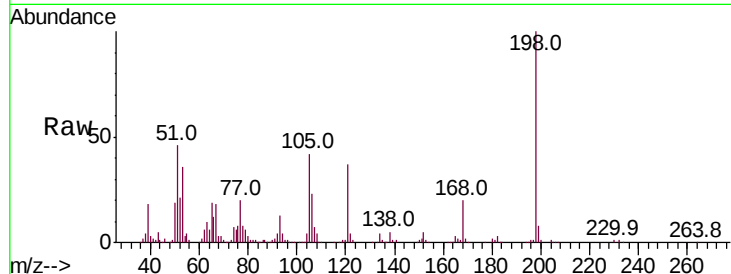




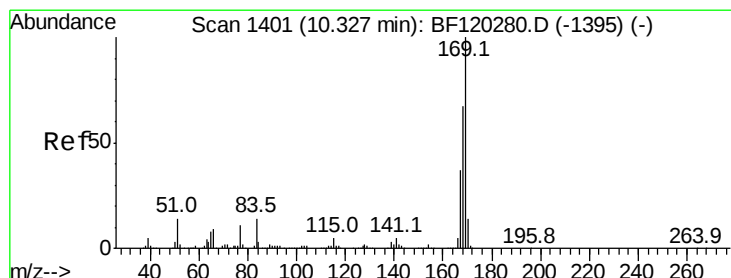
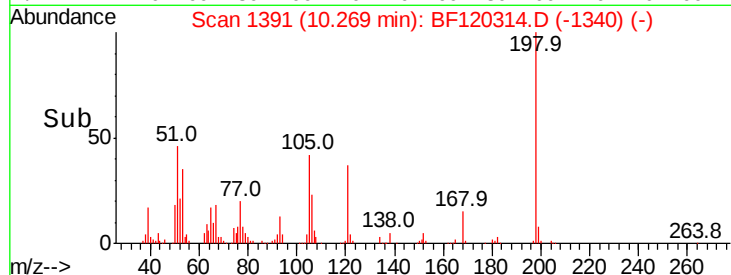
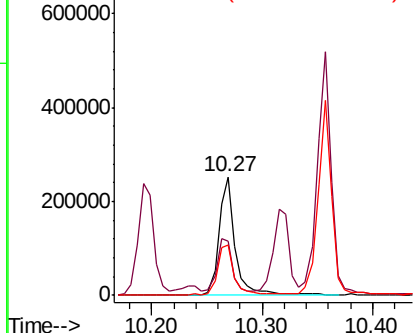
#65
4,6-Dinitro-2-methylphenol
Concen: 46.202 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 260958
Ion Ratio Lower Upper
198 100
51 45.9 27.1 67.1
105 42.2 24.3 64.3

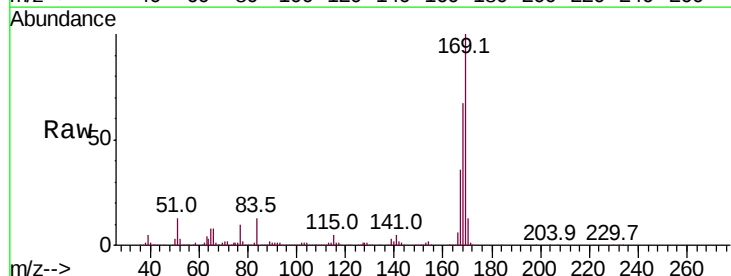


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

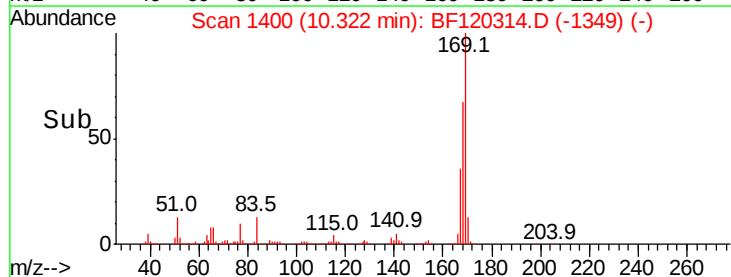
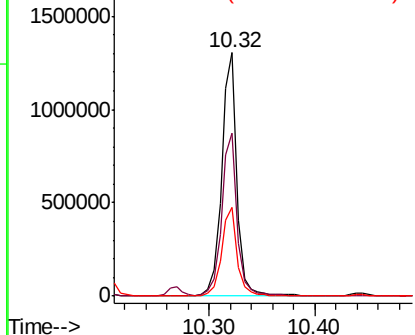


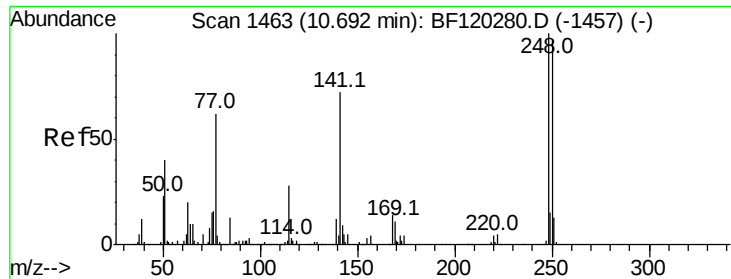
#66
n-Nitrosodiphenylamine
Concen: 42.596 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:169 Resp: 1316138
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.3 29.8 44.6



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

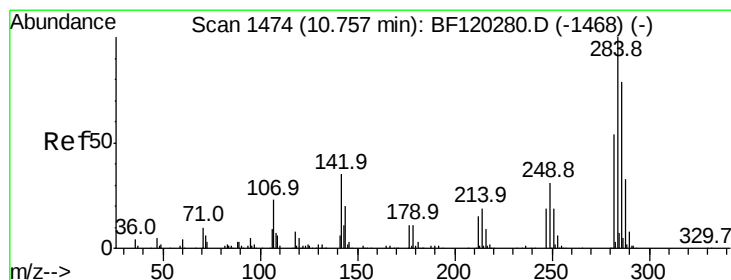
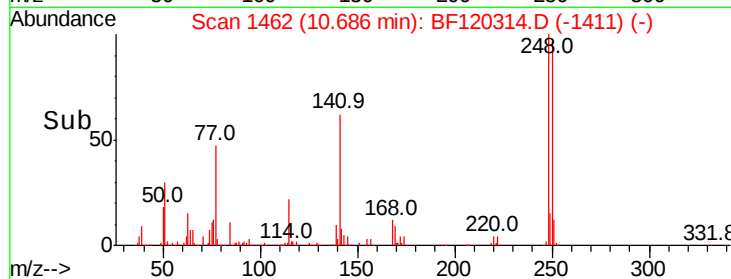
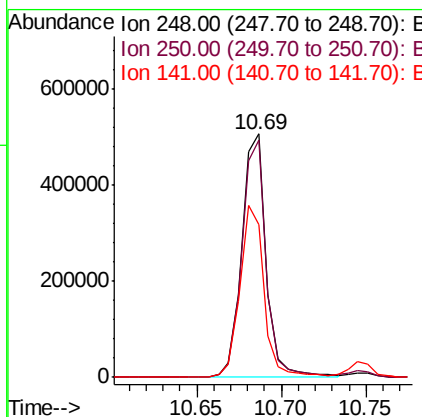
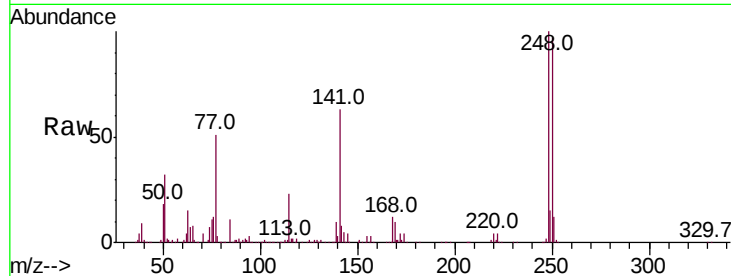




#67
4-Bromophenyl-phenylether
Concen: 47.073 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

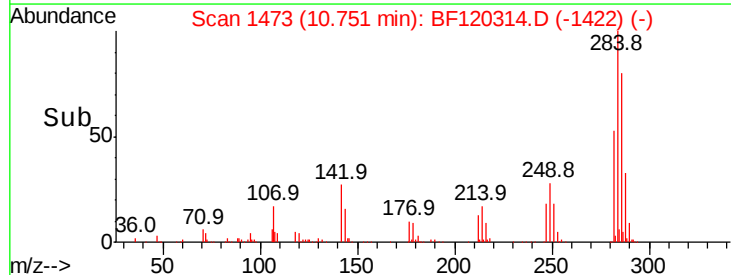
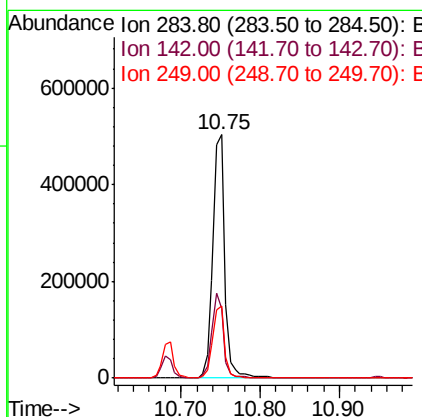
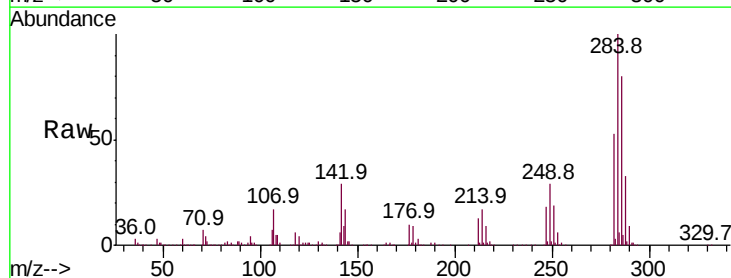
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

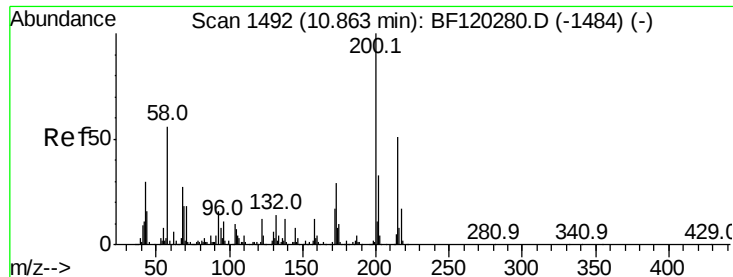
Tot Ion:248 Resp: 510147
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 62.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.581 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:284 Resp: 528123
Ion Ratio Lower Upper
284 100
142 28.8 28.5 42.7
249 29.4 24.8 37.2





#69

Atrazine

Concen: 44.562 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

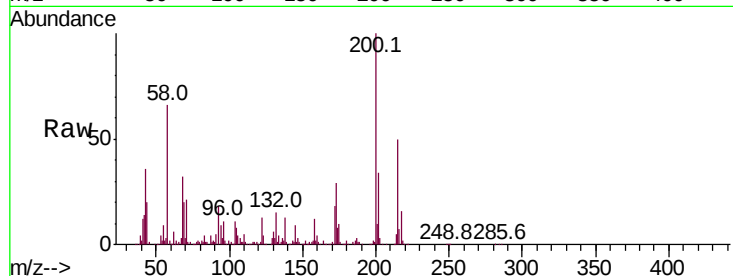
Tot Ion:200 Resp: 411994

Ion Ratio Lower Upper

200 100

173 29.4 8.7 48.7

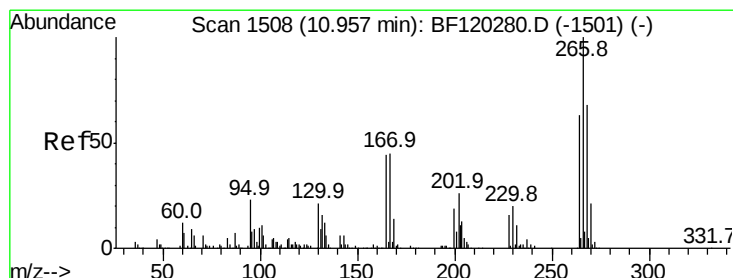
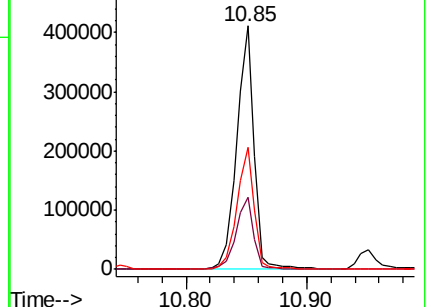
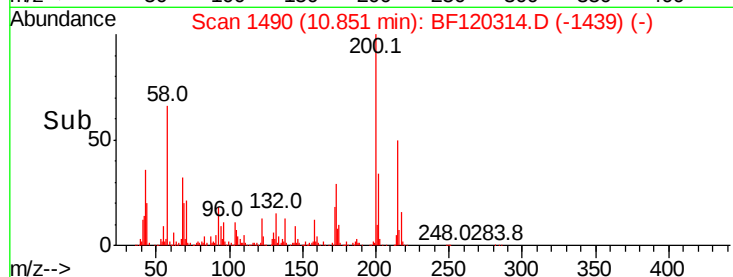
215 50.4 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.508 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

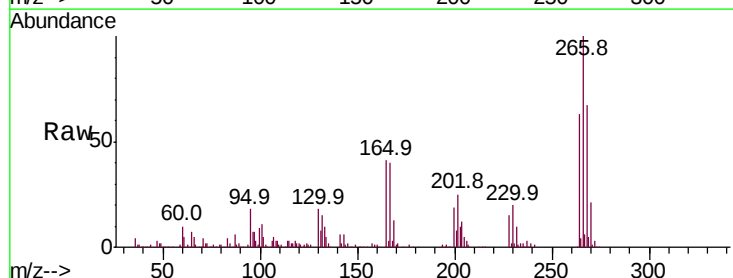
Tgt Ion:266 Resp: 204977

Ion Ratio Lower Upper

266 100

268 67.4 54.2 81.4

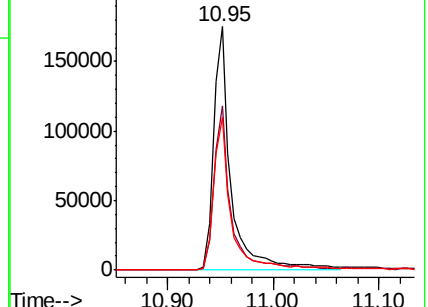
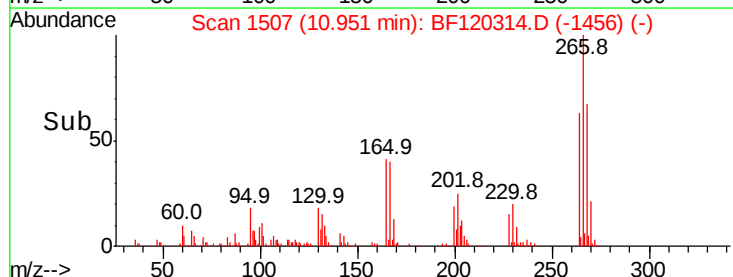
264 62.9 50.2 75.4

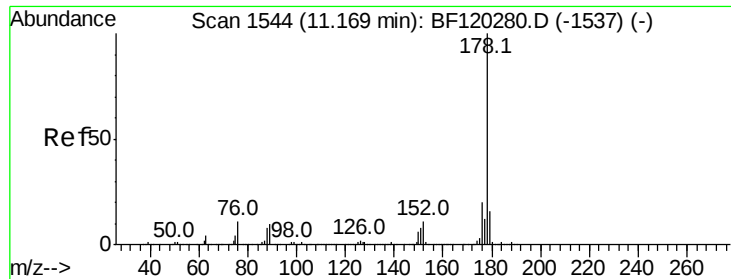


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

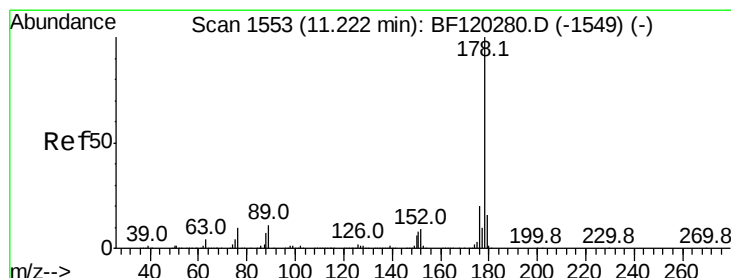
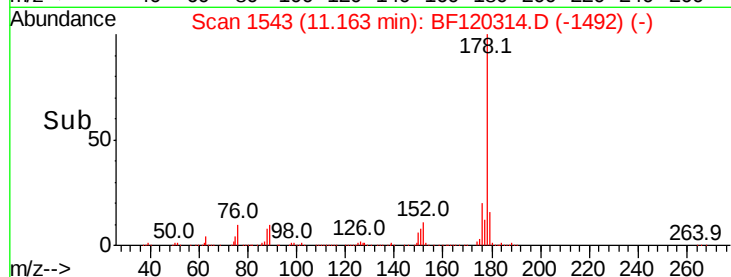
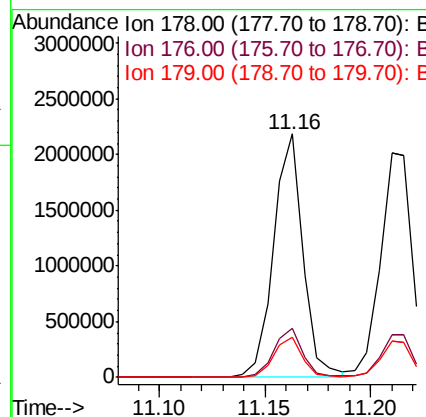
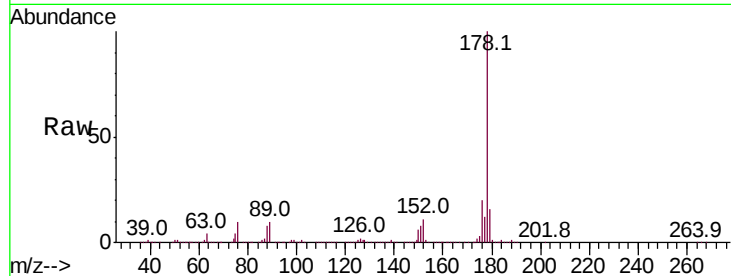




#71
Phenanthrene
Concen: 44.968 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

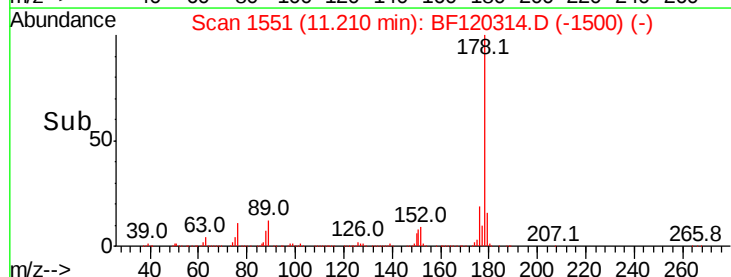
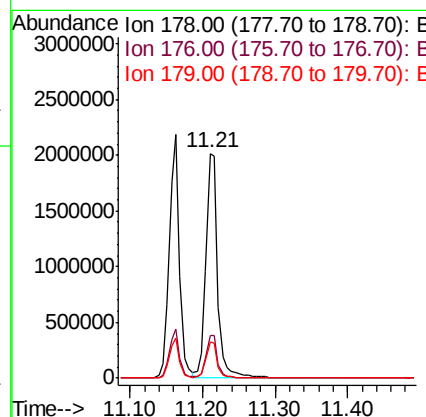
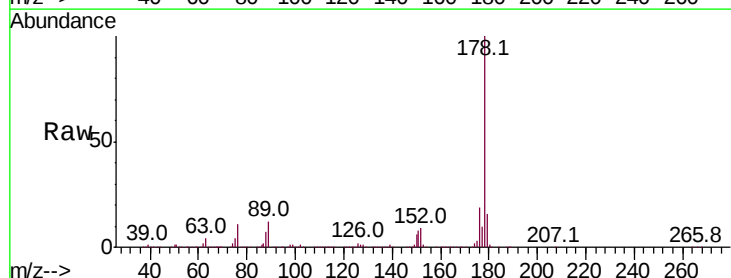
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

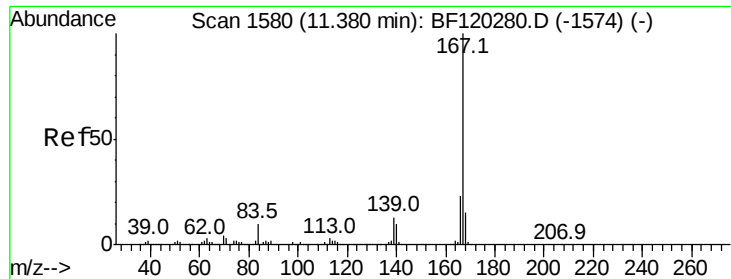
Tot Ion:178 Resp: 2110328
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.4 12.8 19.2



#72
Anthracene
Concen: 45.515 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:178 Resp: 2286632
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.2 13.0 19.6

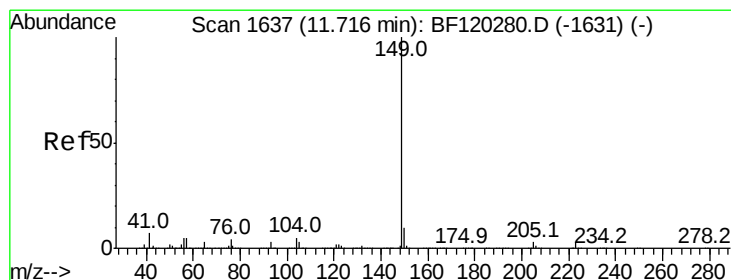
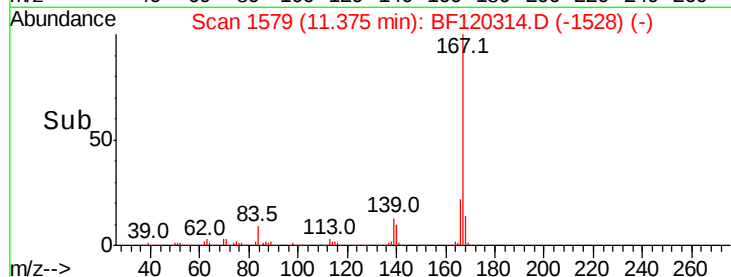
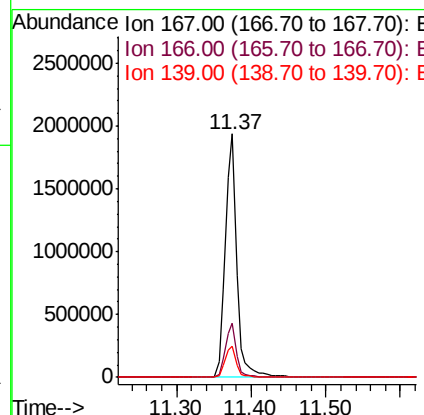
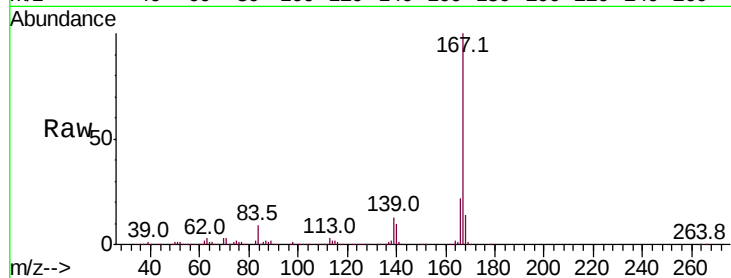




#73
 Carbazole
 Concen: 43.904 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

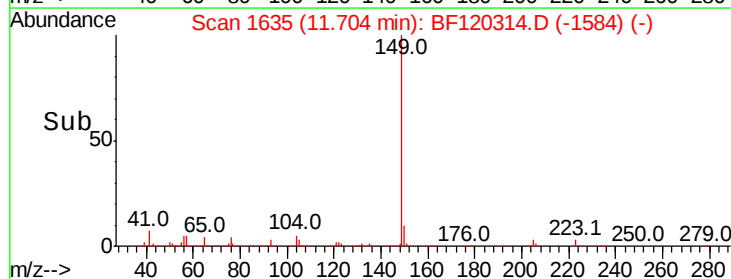
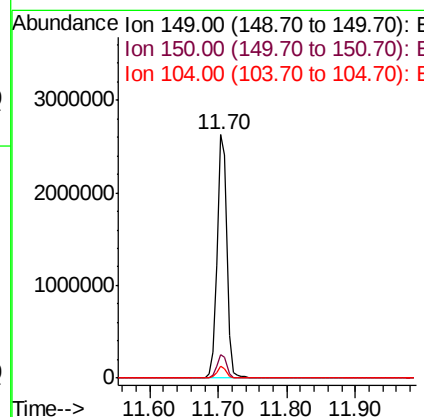
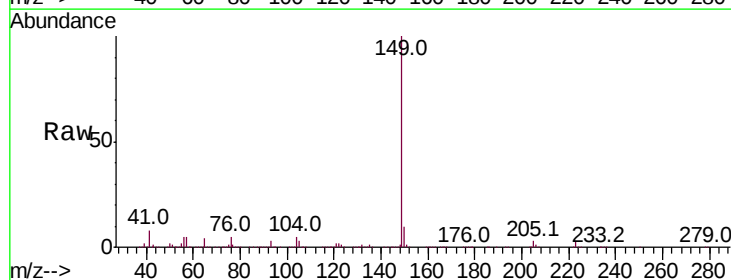
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

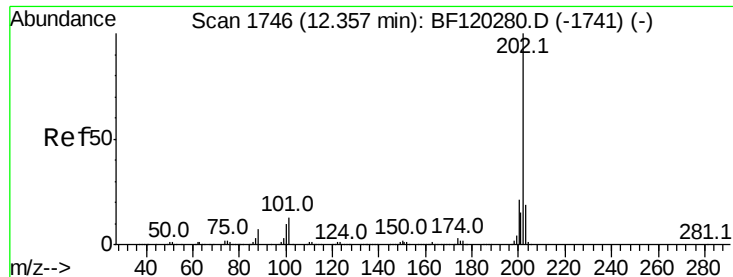
Tot Ion:167 Resp: 2060912
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.143 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF120314.D
 Acq: 15 May 2020 11:47

Tgt Ion:149 Resp: 2553892
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.4
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 45.643 ng

RT: 12.35 min Scan# 1744

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

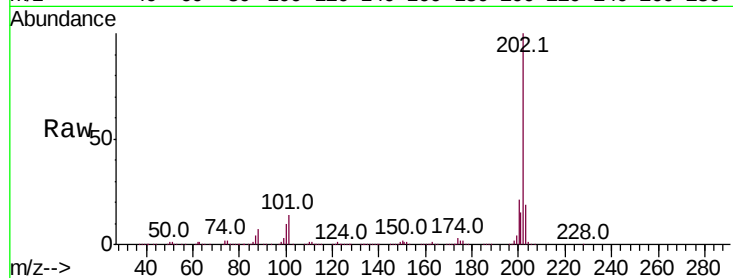
Tot Ion:202 Resp: 2295840

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

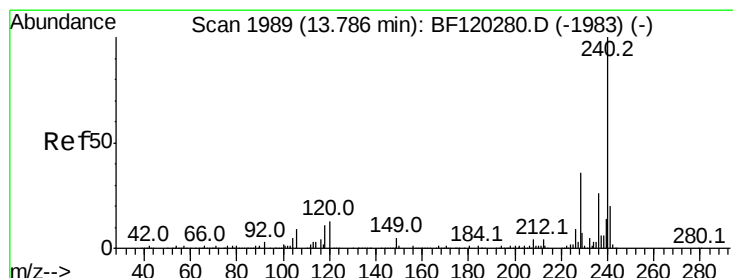
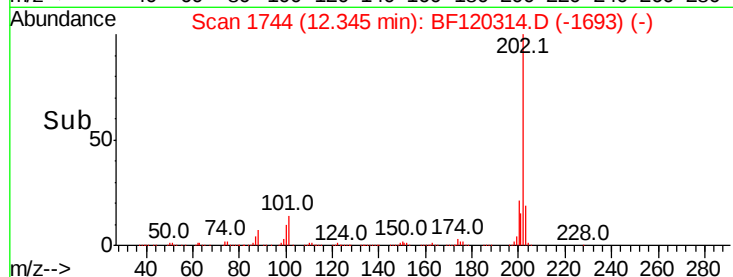
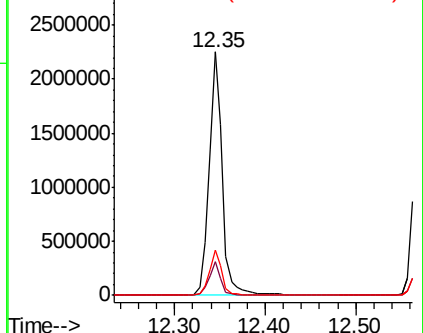
203 18.6 0.0 39.1



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: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

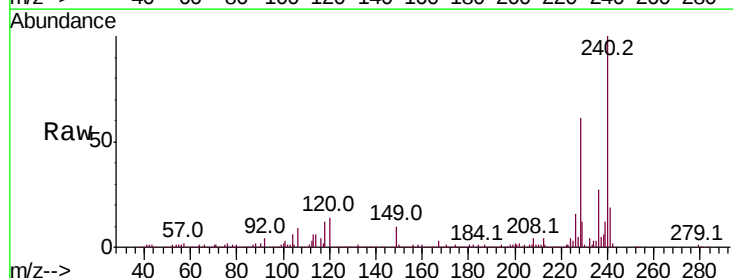
Tgt Ion:240 Resp: 978298

Ion Ratio Lower Upper

240 100

120 14.0 10.4 15.6

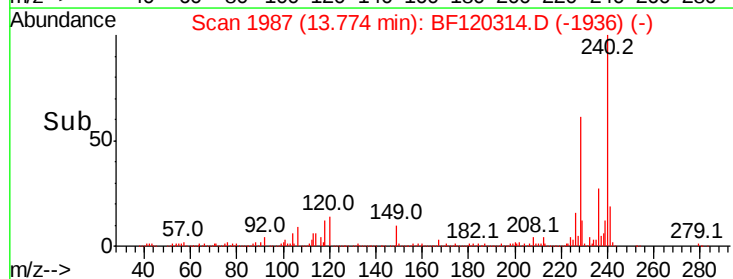
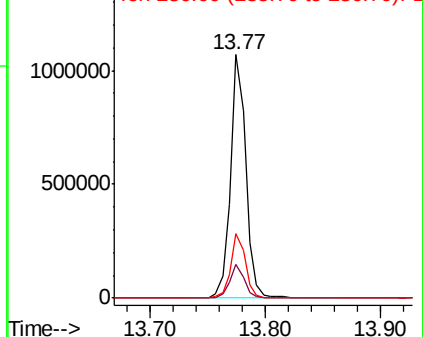
236 26.6 21.0 31.6

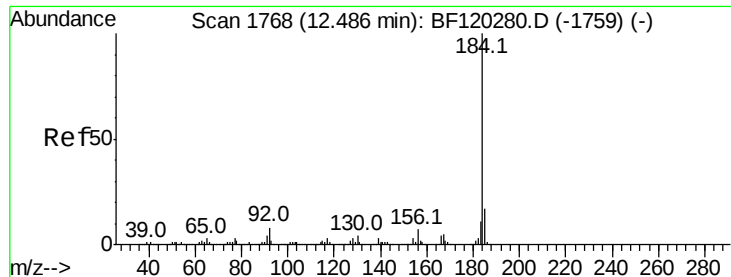


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.227 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

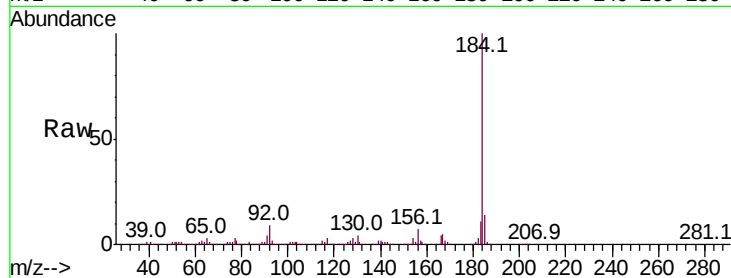
Tot Ion:184 Resp: 1263463

Ion Ratio Lower Upper

184 100

185 14.3 13.7 20.5

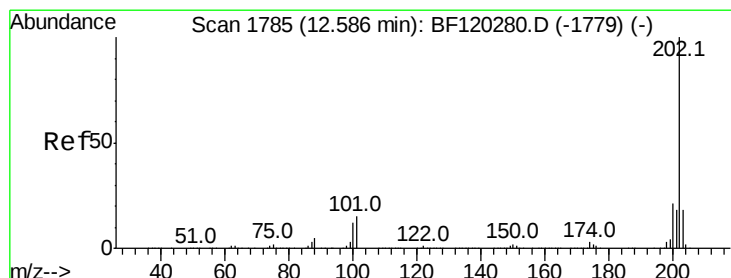
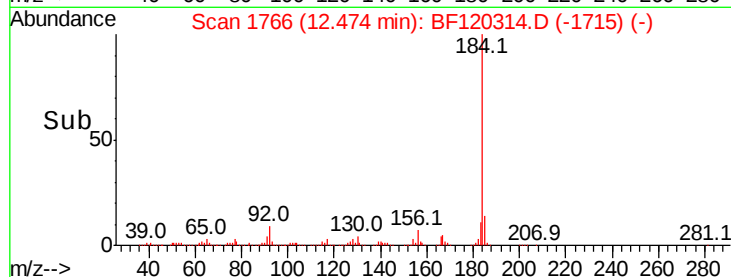
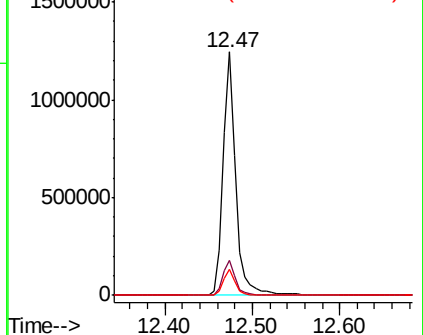
183 10.7 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.241 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

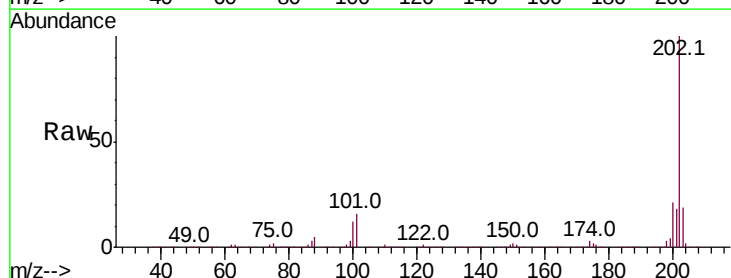
Tgt Ion:202 Resp: 2736821

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

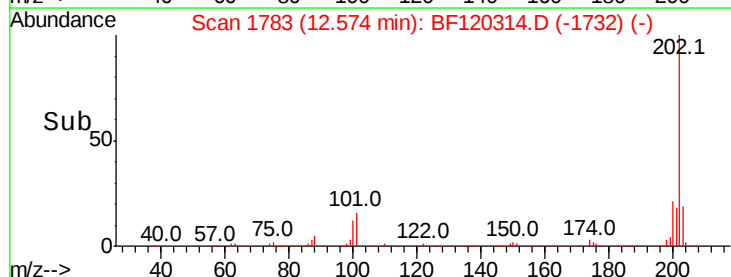
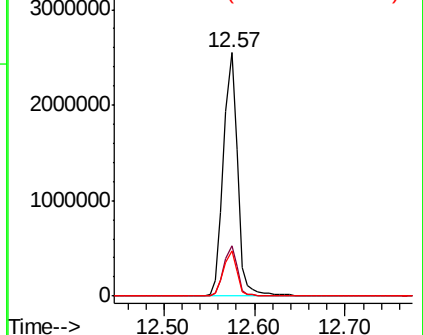
203 18.6 14.6 22.0

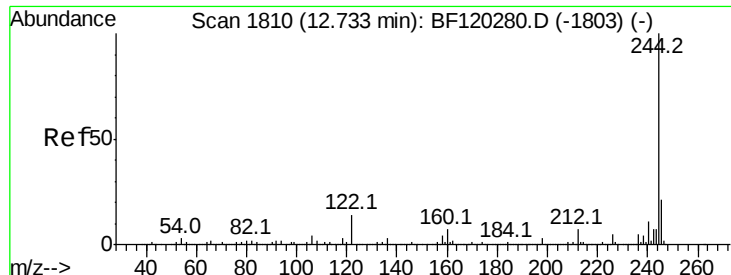


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.227 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

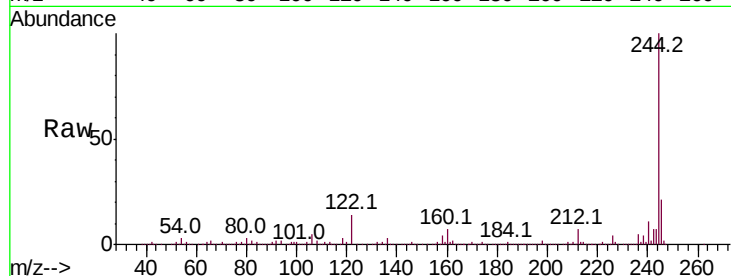
Tot Ion:244 Resp: 3375552

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

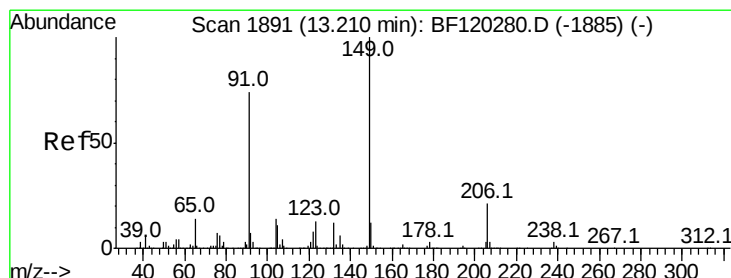
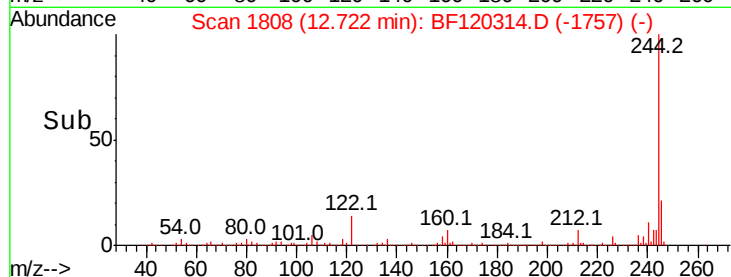
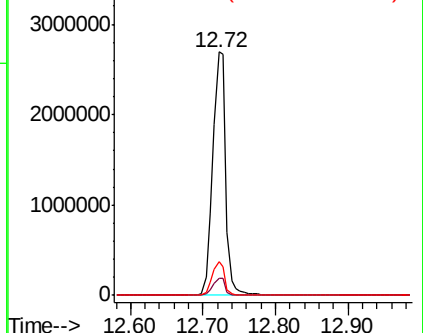
122 14.1 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.752 ng

RT: 13.20 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

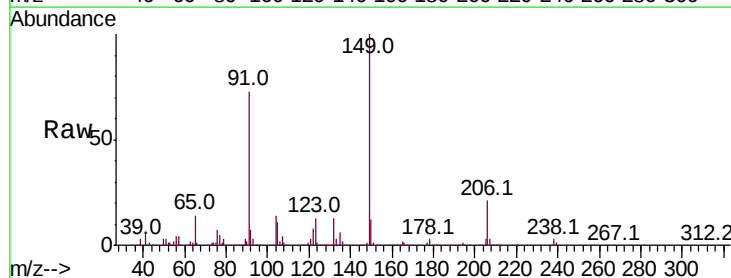
Tgt Ion:149 Resp: 1305483

Ion Ratio Lower Upper

149 100

91 72.8 59.0 88.4

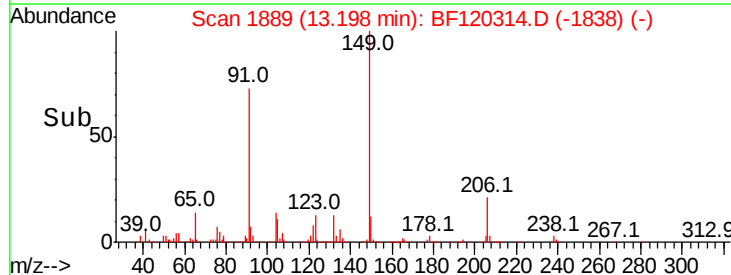
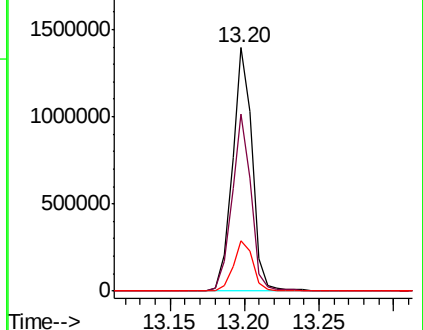
206 20.6 16.8 25.2

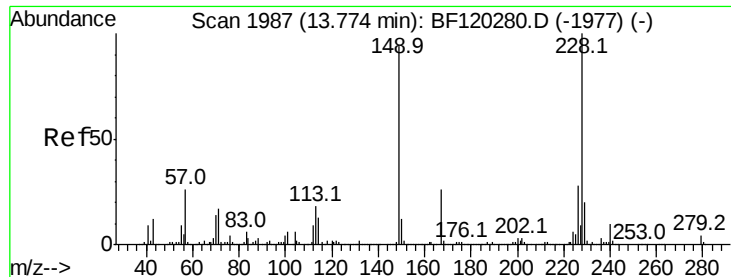


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.320 ng

RT: 13.76 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

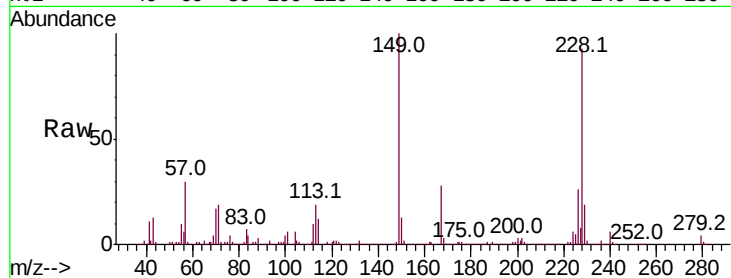
Tot Ion:228 Resp: 2028851

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 20.4 16.4 24.6

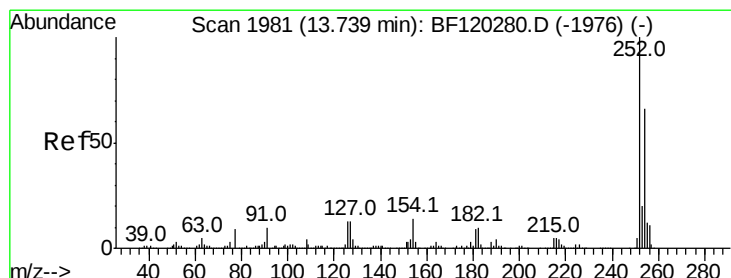
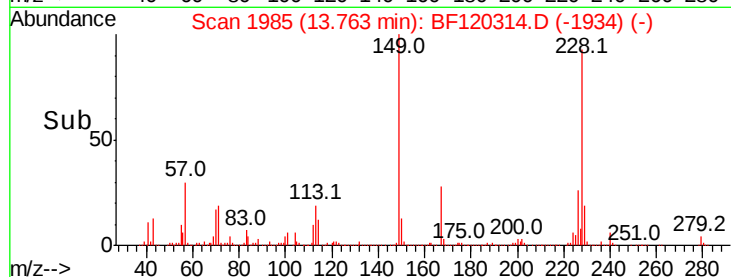
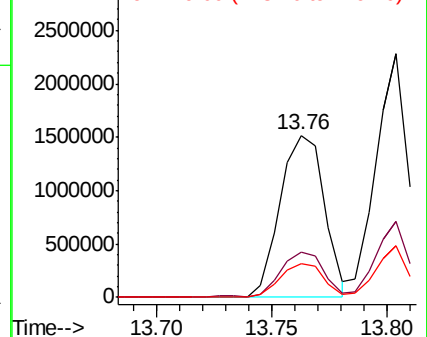


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.302 ng

RT: 13.73 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

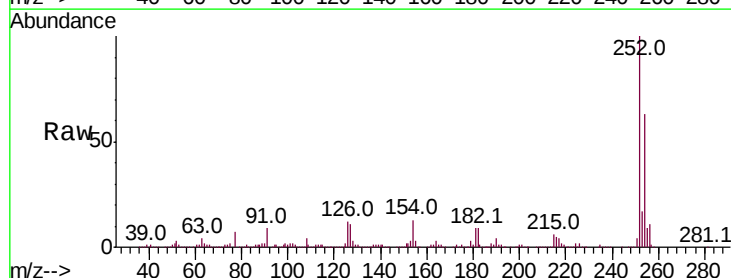
Tgt Ion:252 Resp: 861435

Ion Ratio Lower Upper

252 100

254 63.4 52.6 78.8

126 12.2 10.7 16.1

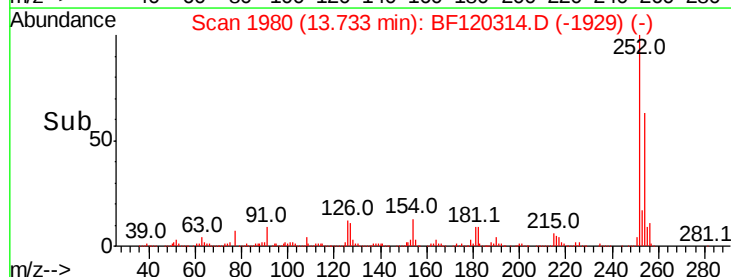
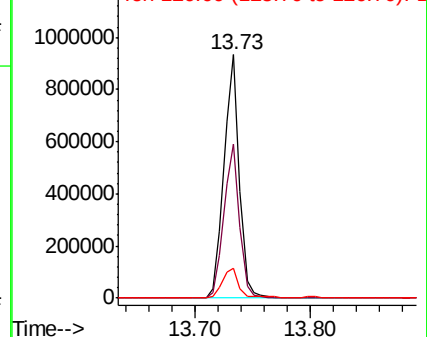


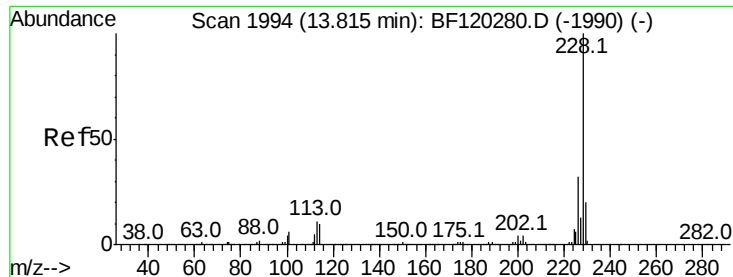
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.860 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

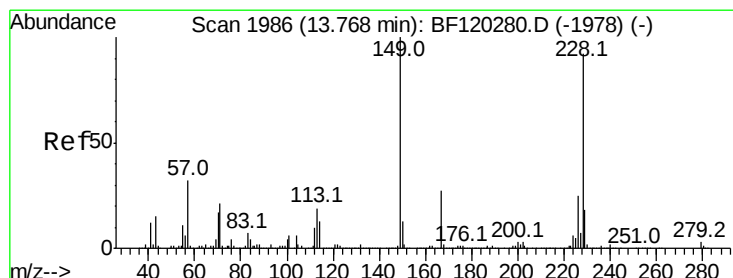
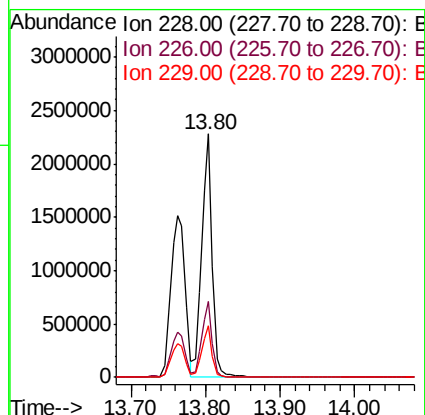
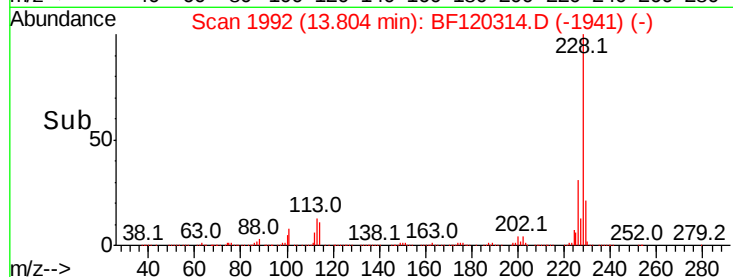
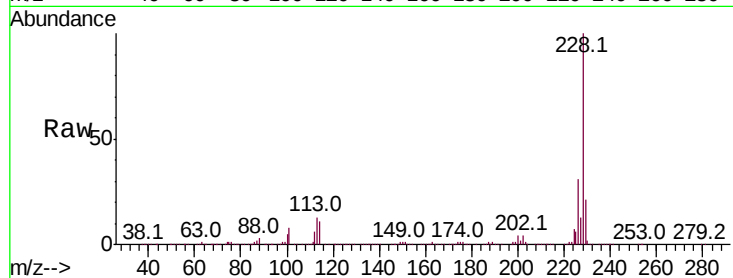
Tot Ion:228 Resp: 2263954

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 21.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.230 ng

RT: 13.76 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

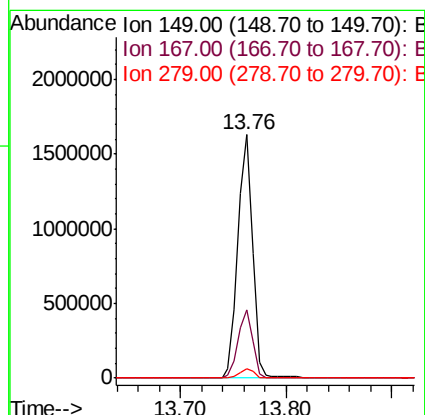
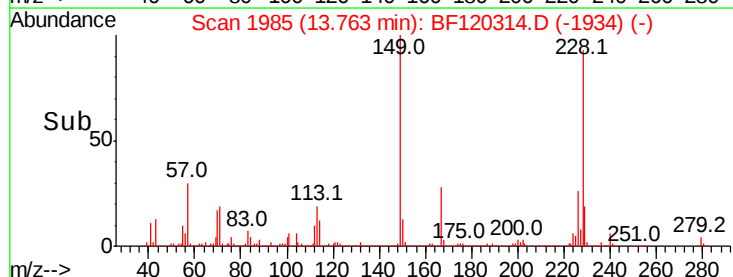
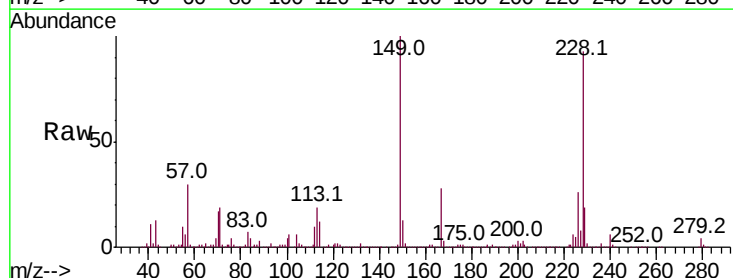
Tgt Ion:149 Resp: 1562060

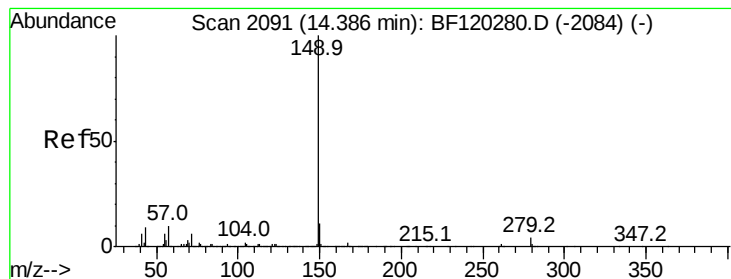
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 40.720 ng

RT: 14.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

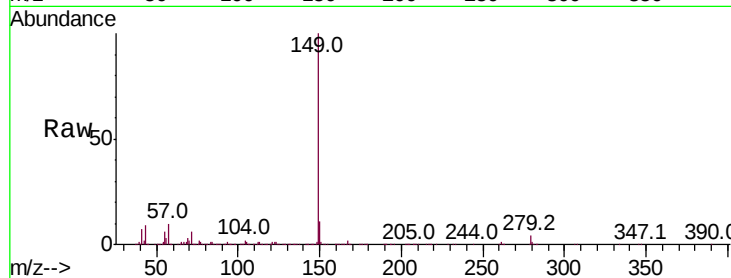
Tot Ion:149 Resp: 2993121

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

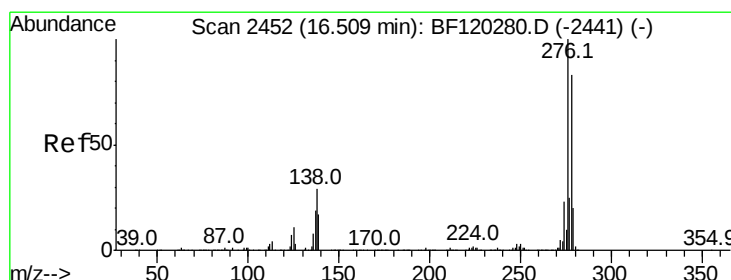
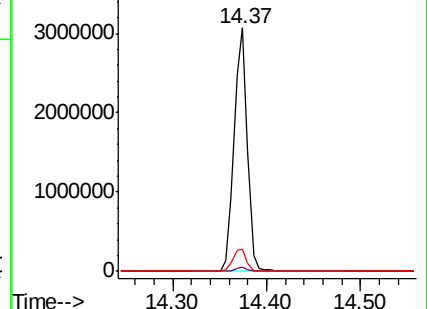
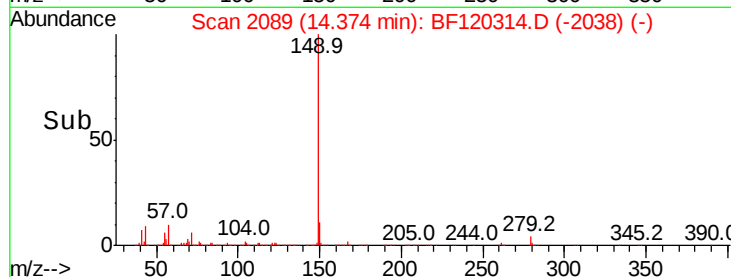
43 9.3 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.688 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

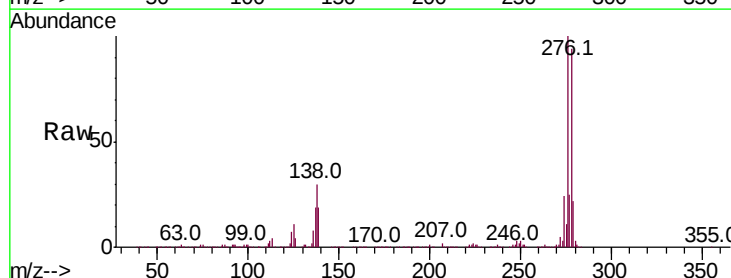
Tgt Ion:276 Resp: 1844980

Ion Ratio Lower Upper

276 100

138 29.0 23.3 34.9

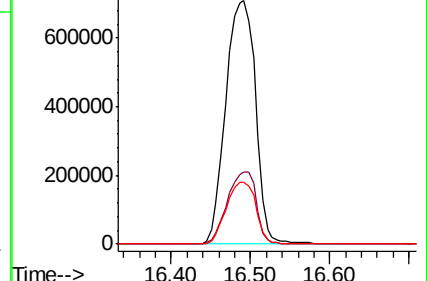
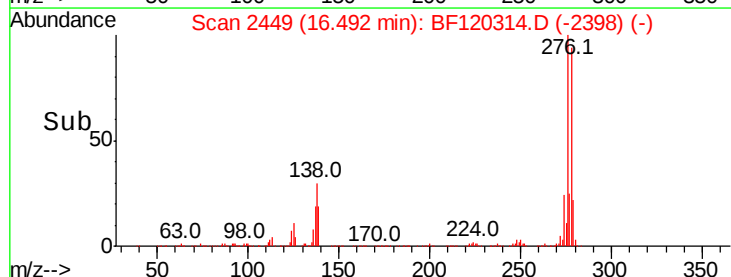
277 25.3 20.2 30.4

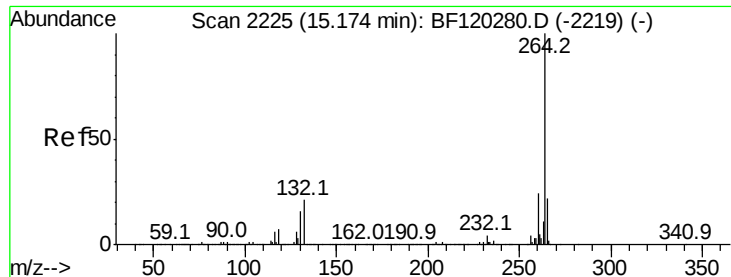


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

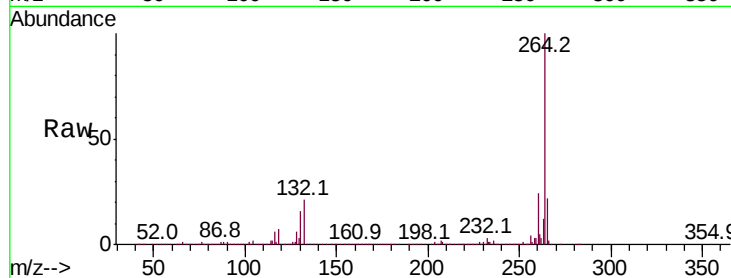




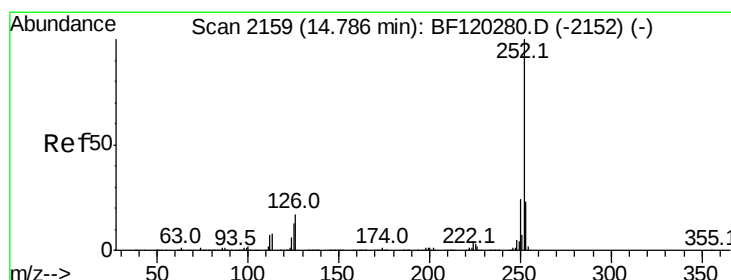
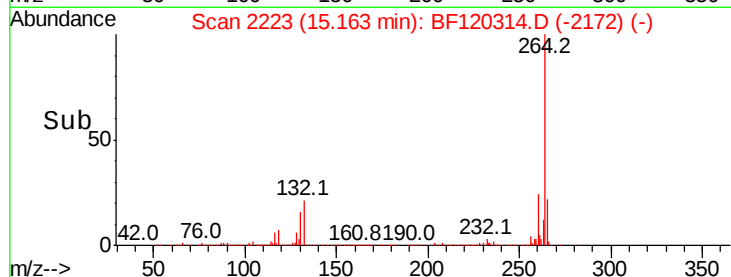
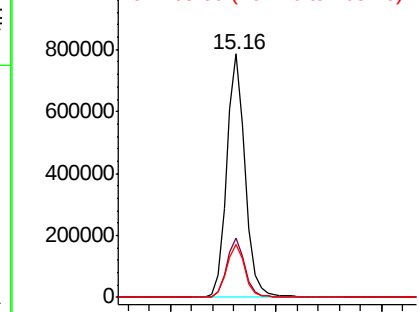
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 952136
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.7 17.5 26.3

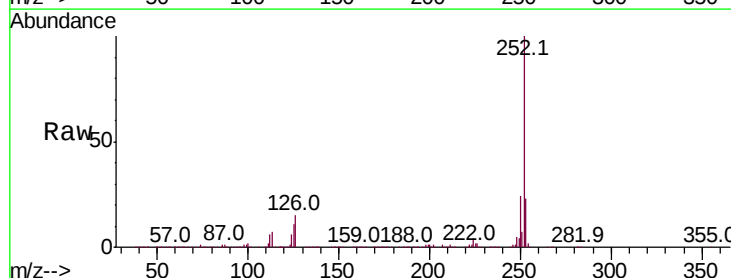


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

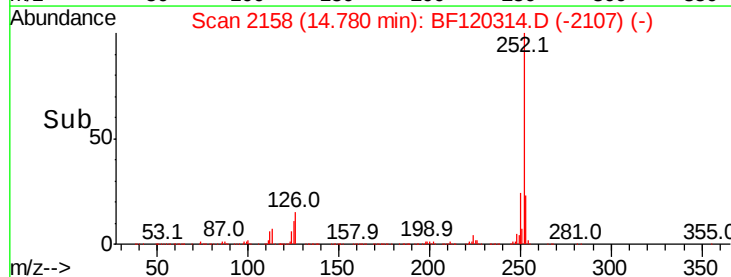
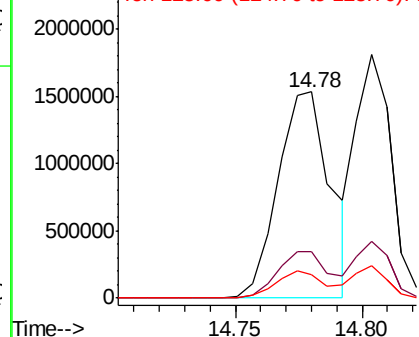


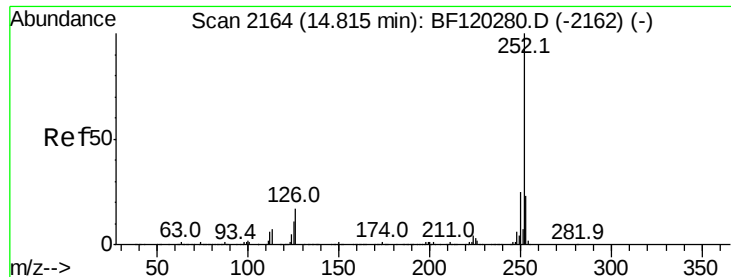
#88
Benzo(b)fluoranthene
Concen: 42.439 ng
RT: 14.78 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:252 Resp: 2206755
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.3 10.4 15.6



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

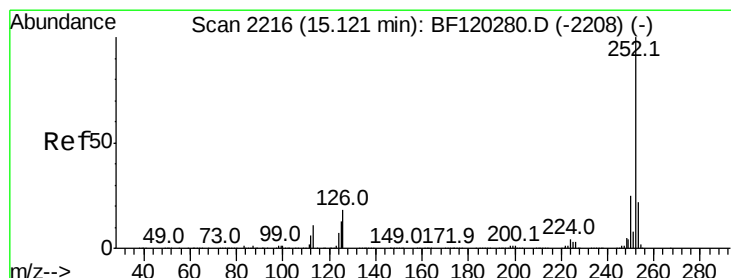
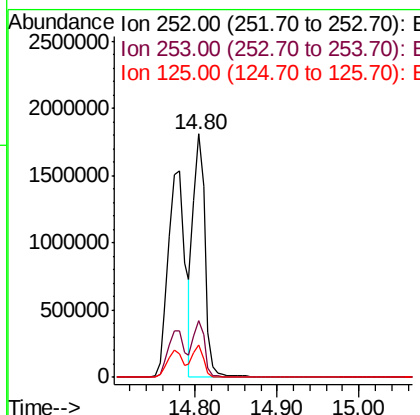
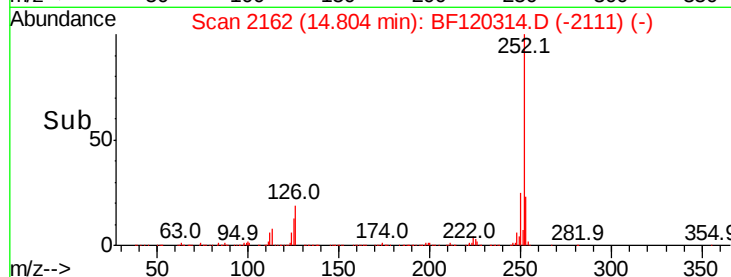
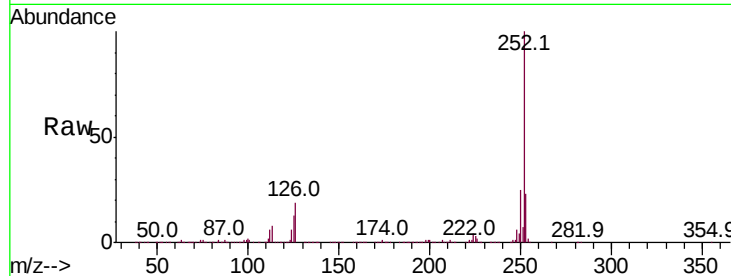




#89
Benzo(k)fluoranthene
Concen: 40.052 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

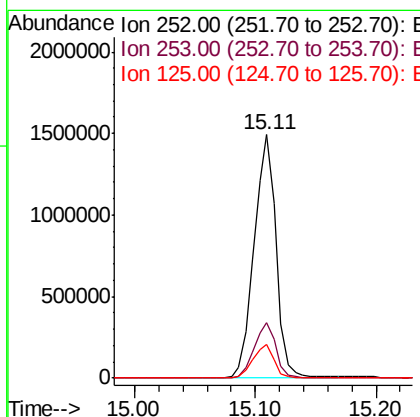
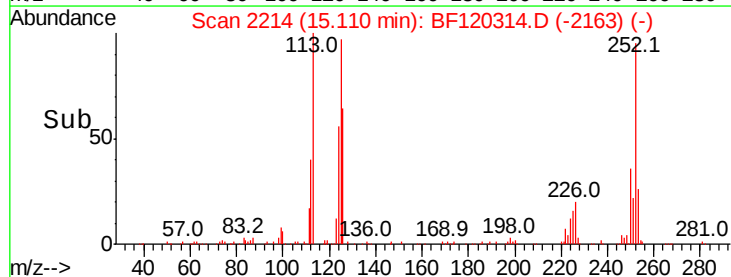
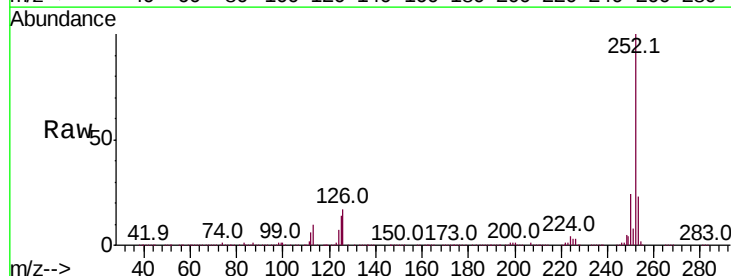
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

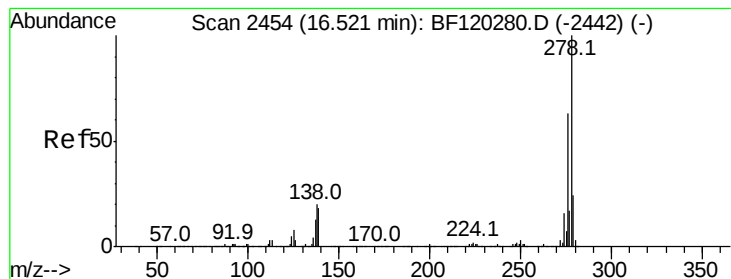
Tot Ion:252 Resp: 1804362
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 13.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.492 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF120314.D
Acq: 15 May 2020 11:47

Tgt Ion:252 Resp: 1888280
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 13.7 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 37.027 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Instrument :

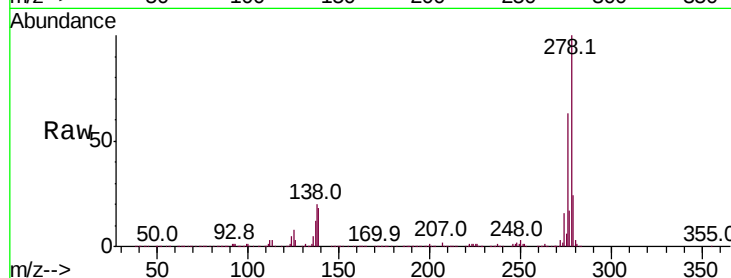
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1529672

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.7	22.1
279	23.9	19.2	28.8

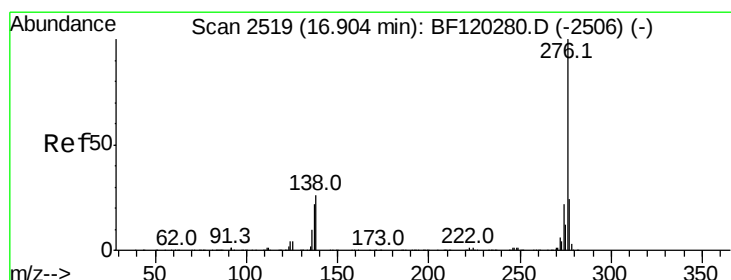
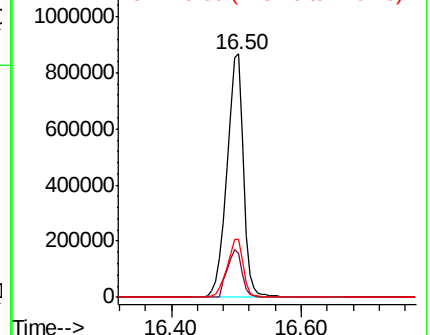
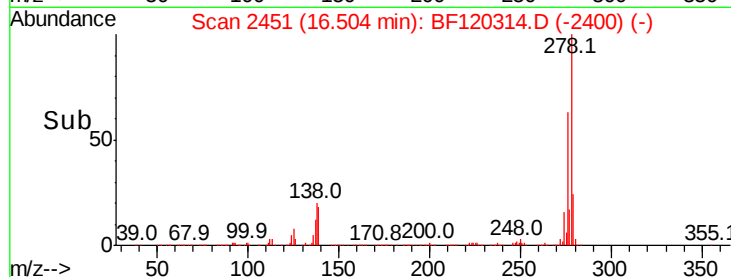


Abundance

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: 35.012 ng

RT: 16.89 min Scan# 2516

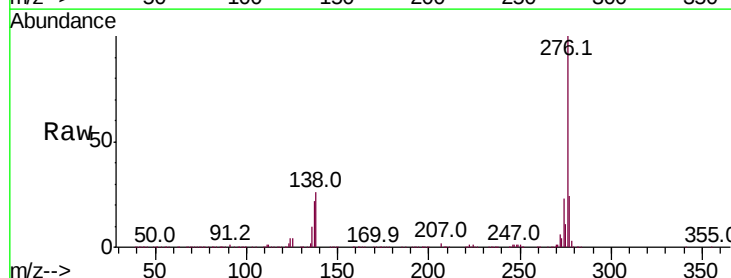
Delta R.T. 0.00 min

Lab File: BF120314.D

Acq: 15 May 2020 11:47

Tgt Ion:276 Resp: 1458595

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	26.2	20.8	31.2



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

