

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120911.D
 Acq On : 17 Jul 2020 9:13
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 17 10:46:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185780	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	692934	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	359841	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	676099	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539182	20.00	ng	0.00
86) Perylene-d12	15.42	264	574527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	856741	75.60	ng	0.00
7) Phenol-d6	6.45	99	1106550	75.59	ng	0.00
23) Nitrobenzene-d5	7.38	82	933858	77.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	311468	79.08	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1609758	66.79	ng	0.00
79) Terphenyl-d14	12.92	244	1775550	71.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	199588	38.268	ng	100
3) Pyridine	3.27	79	543890	39.201	ng	99
4) n-Nitrosodimethylamine	3.23	42	223102	37.605	ng	97
6) Aniline	6.48	93	720383	37.700	ng	98
8) 2-Chlorophenol	6.60	128	476672	38.182	ng	96
9) Benzaldehyde	6.36	77	279742	39.245	ng	99
10) Phenol	6.46	94	610124	37.889	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	472691	38.302	ng	97
12) 1,3-Dichlorobenzene	6.76	146	506818	37.439	ng	100
13) 1,4-Dichlorobenzene	6.83	146	514065	38.189	ng	99
14) 1,2-Dichlorobenzene	6.99	146	480587	37.739	ng	98
15) Benzyl Alcohol	6.96	79	397371	38.385	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	685919	38.561	ng	99
17) 2-Methylphenol	7.07	107	422911	38.220	ng	100
18) Hexachloroethane	7.33	117	187270	38.437	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	312615	37.556	ng	97
20) 3+4-Methylphenols	7.22	107	487282	34.618	ng	93
22) Acetophenone	7.23	105	581532	37.394	ng	# 92
24) Nitrobenzene	7.40	77	503575	39.015	ng	98
25) Isophorone	7.64	82	921275	38.547	ng	97
26) 2-Nitrophenol	7.72	139	259535	42.338	ng	99
27) 2,4-Dimethylphenol	7.75	122	388485	39.033	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	566752	38.847	ng	99
29) 2,4-Dichlorophenol	7.96	162	399173	39.249	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	429774	38.089	ng	98
31) Naphthalene	8.12	128	1338002	37.643	ng	100
32) Benzoic acid	7.88	122	295291	39.524	ng	96
33) 4-Chloroaniline	8.17	127	597885	37.707	ng	98
34) Hexachlorobutadiene	8.24	225	254921	38.324	ng	100
35) Caprolactam	8.55	113	128218	39.313	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	403050	38.641	ng	99
37) 2-Methylnaphthalene	8.82	142	889379	38.536	ng	99
38) 1-Methylnaphthalene	8.92	142	841024	38.476	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	404809	38.611	ng	100

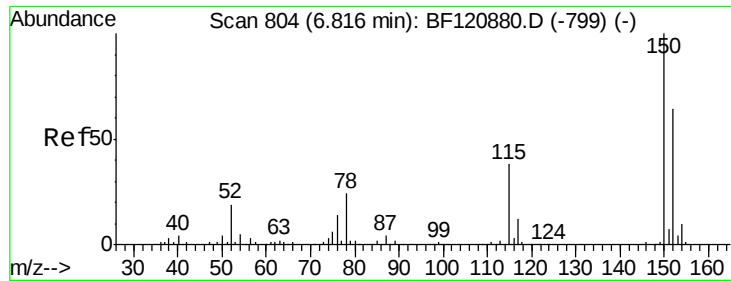
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	235307	40.609	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	293083	39.703	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	332829	39.748	nq	97
46) 1,1'-Biphenyl	9.28	154	1041716	37.951	nq	98
47) 2-Chloronaphthalene	9.30	162	854054	38.163	nq	98
48) 2-Nitroaniline	9.40	65	272953	40.359	nq	95
49) Acenaphthylene	9.72	152	1335254	38.407	nq	100
50) Dimethylphthalate	9.58	163	986177	37.988	nq	98
51) 2,6-Dinitrotoluene	9.64	165	225234	40.384	nq	95
52) Acenaphthene	9.89	154	854920	38.678	nq	100
53) 3-Nitroaniline	9.81	138	277945	39.735	nq	94
54) 2,4-Dinitrophenol	9.91	184	117565	40.326	nq	87
55) Dibenzofuran	10.06	168	1213279	37.958	nq	97
56) 4-Nitrophenol	9.96	139	213024	40.091	nq	98
57) 2,4-Dinitrotoluene	10.04	165	301964	41.228	nq	92
58) Fluorene	10.40	166	863114	36.205	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	260031	40.787	nq	97
60) Diethylphthalate	10.28	149	1008820	38.419	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	439870	34.594	nq	95
62) 4-Nitroaniline	10.42	138	268285	39.374	nq	98
63) Azobenzene	10.56	77	939591	37.586	nq	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	157028	40.760	nq	90
66) n-Nitrosodiphenylamine	10.52	169	839241	39.459	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	304548	40.402	nq	92
68) Hexachlorobenzene	10.95	284	327817	40.203	nq	# 91
69) Atrazine	11.04	200	197482	37.492	nq	98
70) Pentachlorophenol	11.14	266	202385	43.325	nq	99
71) Phenanthrene	11.36	178	1325742	38.127	nq	100
72) Anthracene	11.42	178	1349419	38.647	nq	100
73) Carbazole	11.57	167	1328473	38.339	nq	99
74) Di-n-butylphthalate	11.90	149	1545193	38.642	nq	100
75) Fluoranthene	12.55	202	1466483	38.049	nq	99
77) Benzidine	12.67	184	610107	43.038	nq	100
78) Pyrene	12.78	202	1531582	40.178	nq	100
80) Butylbenzylphthalate	13.40	149	696428	40.982	nq	99
81) Benzo(a)anthracene	13.97	228	1251579	38.333	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	509570	41.368	nq	99
83) Chrysene	14.00	228	1323840	38.583	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	818224	39.047	nq	100
85) Di-n-octyl phthalate	14.57	149	1630227	39.103	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1513881	37.889	nq	99
88) Benzo(b)fluoranthene	15.00	252	1462909	42.125	nq	100
89) Benzo(k)fluoranthene	15.04	252	1245159	39.314	nq	99
90) Benzo(a)pyrene	15.36	252	1284571	40.542	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1237983	37.930	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1198342	37.237	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

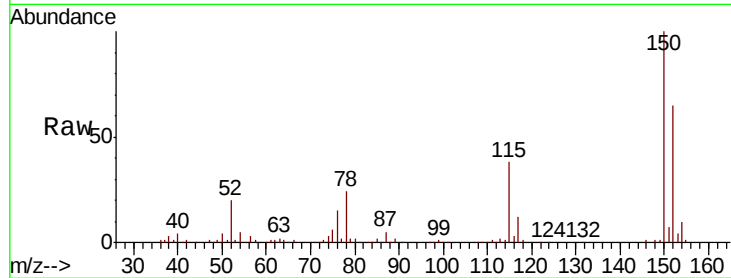
Tot Ion:152 Resp: 185780

Ion Ratio Lower Upper

152 100

150 154.2 125.0 187.6

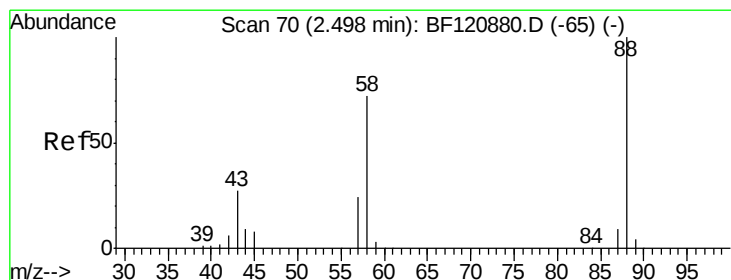
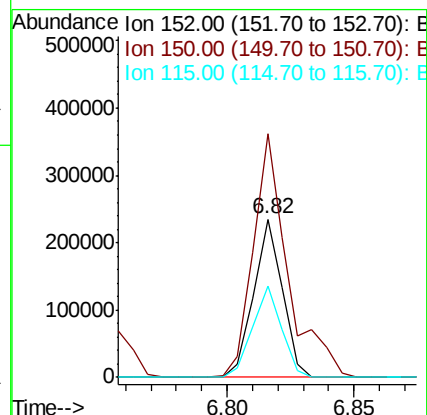
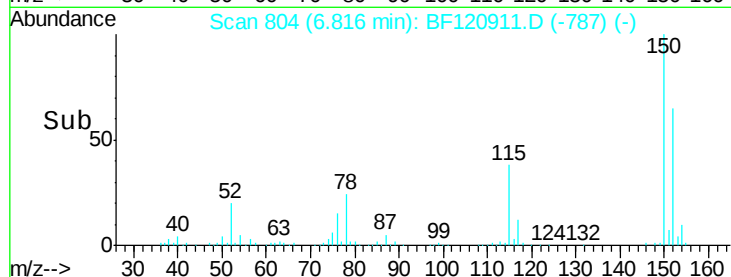
115 58.2 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.268 ng

RT: 2.54 min Scan# 77

Delta R.T. 0.04 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

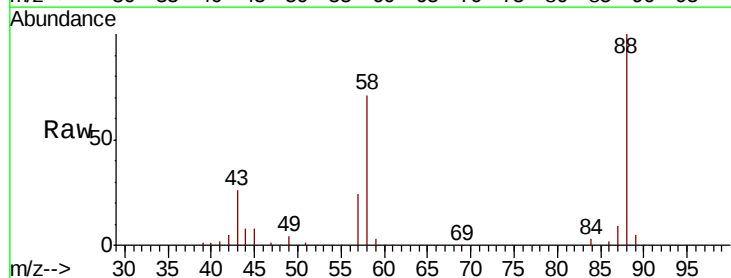
Tgt Ion: 88 Resp: 199588

Ion Ratio Lower Upper

88 100

58 72.7 58.2 87.2

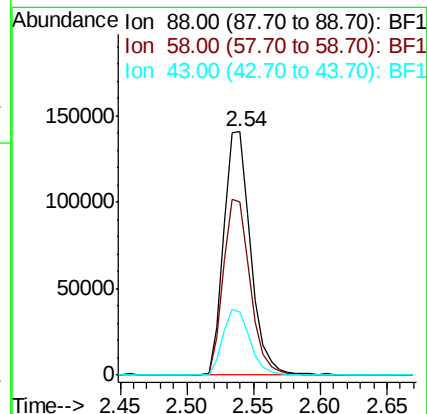
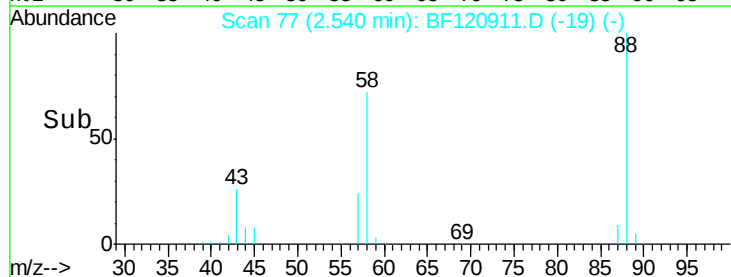
43 27.2 22.1 33.1



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

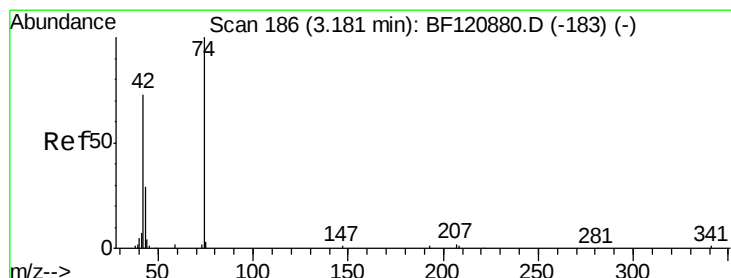
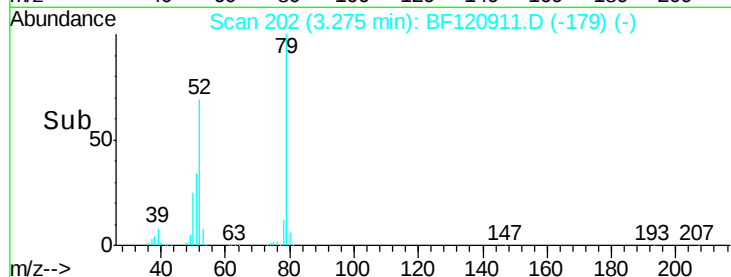
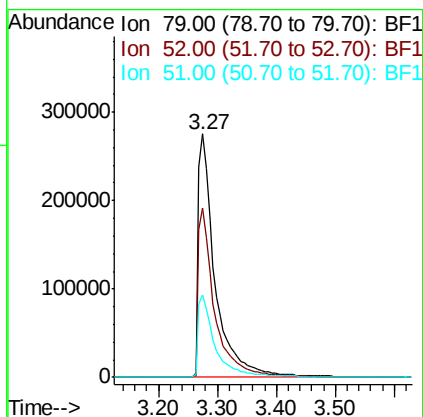
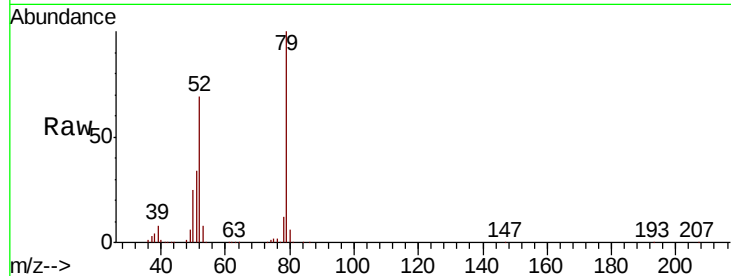




#3
 Pvridine
 Concen: 39.201 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.04 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

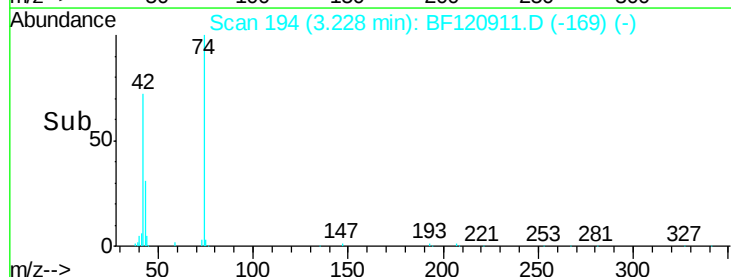
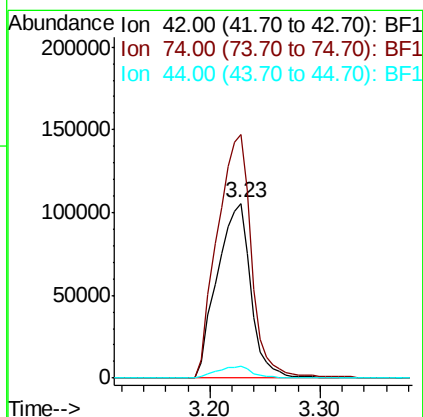
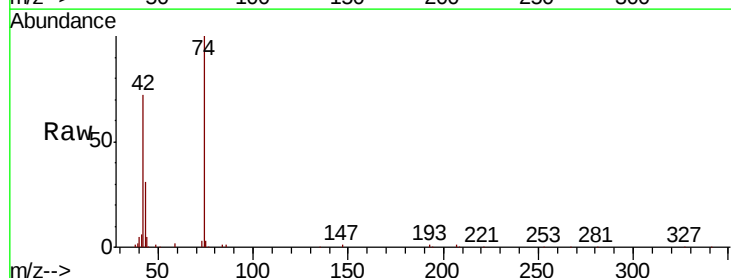
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

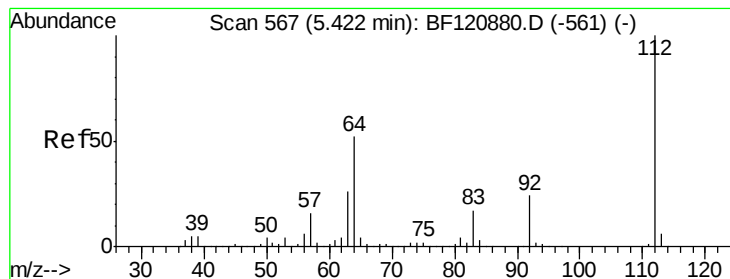
Tot Ion: 79 Resp: 543890
 Ion Ratio Lower Upper
 79 100
 52 69.4 55.0 82.6
 51 33.8 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 37.605 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.05 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion: 42 Resp: 223102
 Ion Ratio Lower Upper
 42 100
 74 139.3 108.7 163.1
 44 6.9 5.2 7.8





#5

2-Fluorophenol

Concen: 75.600 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

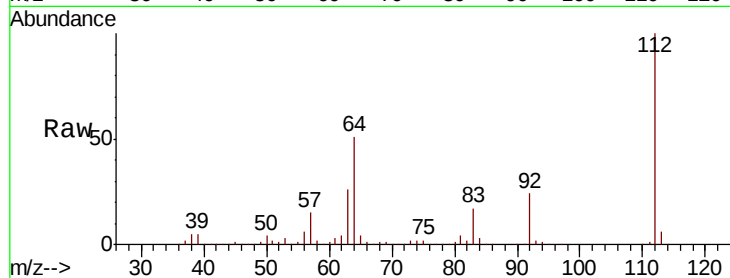
Tot Ion: 112 Resp: 856741

Ion Ratio Lower Upper

112 100

64 51.3 41.3 61.9

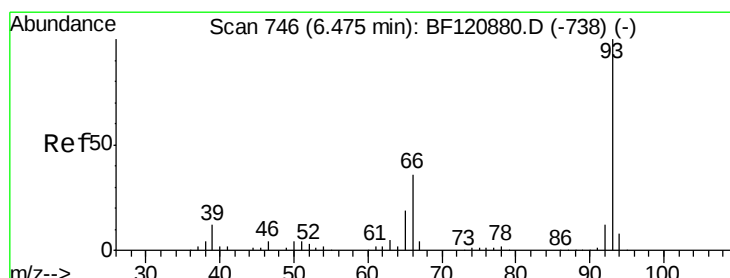
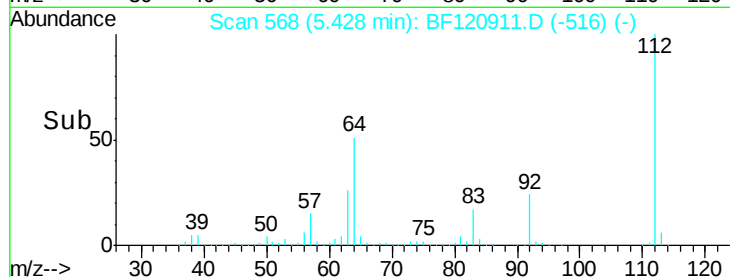
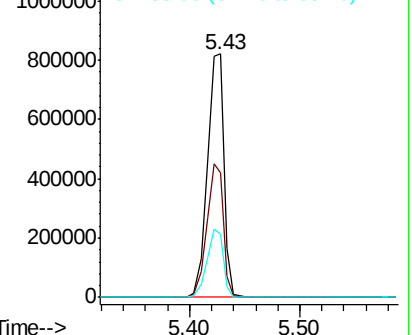
63 26.0 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.700 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

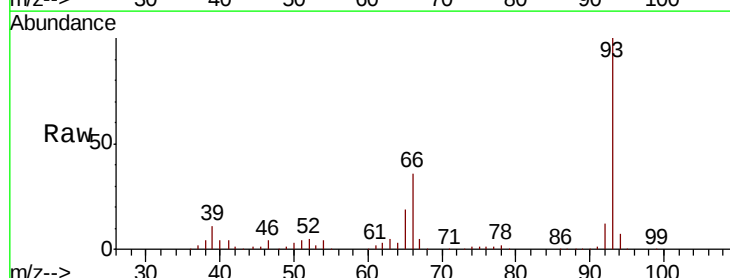
Tgt Ion: 93 Resp: 720383

Ion Ratio Lower Upper

93 100

66 36.3 30.2 45.4

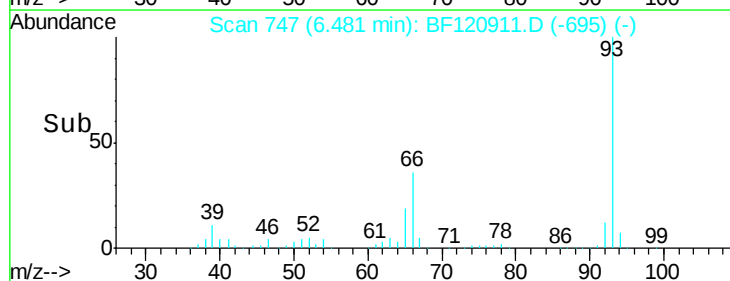
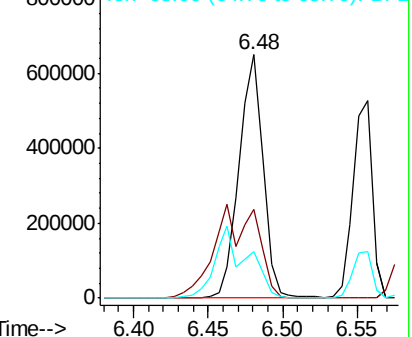
65 19.0 15.8 23.6



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: 75.591 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

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ClientSampleId :

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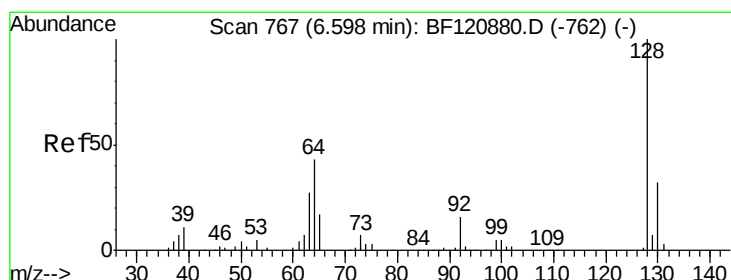
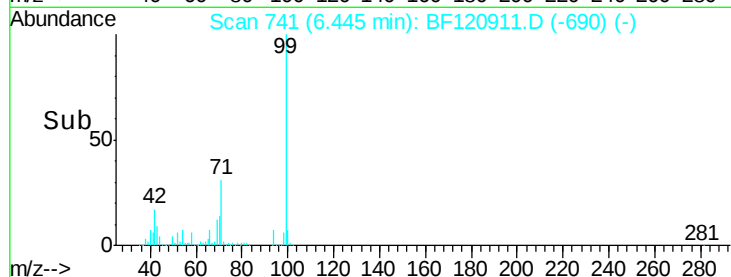
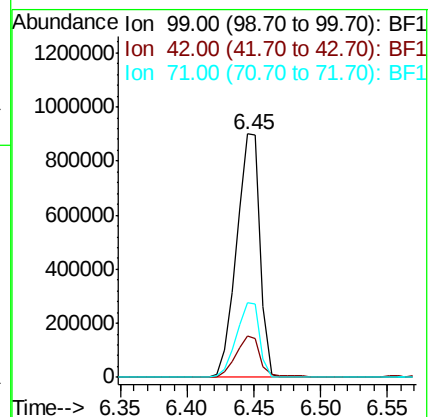
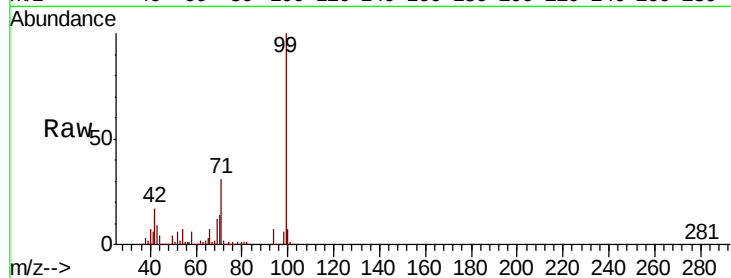
Tot Ion: 99 Resp: 1106550

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 30.7 24.2 36.4



#8

2-Chlorophenol

Concen: 38.182 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

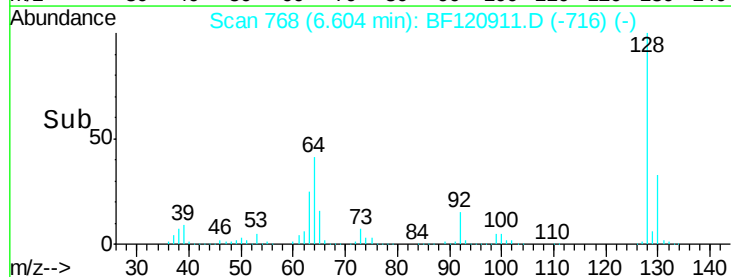
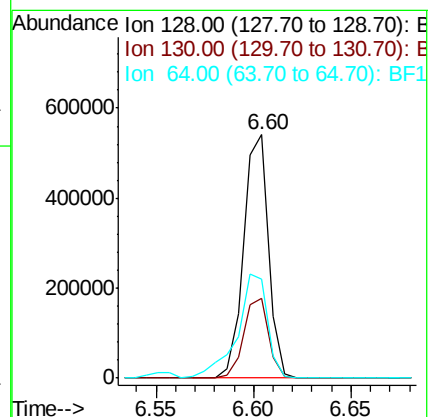
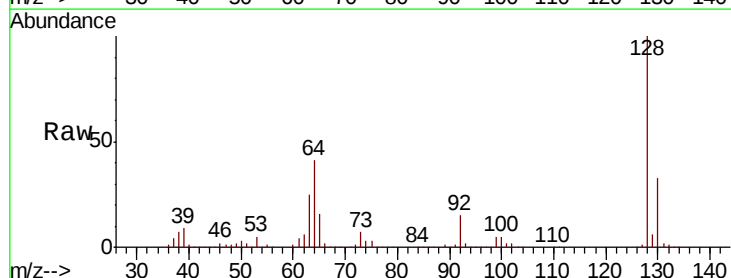
Tgt Ion: 128 Resp: 476672

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

64 40.5 24.0 64.0





#9

Benzaldehyde

Concen: 39.245 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

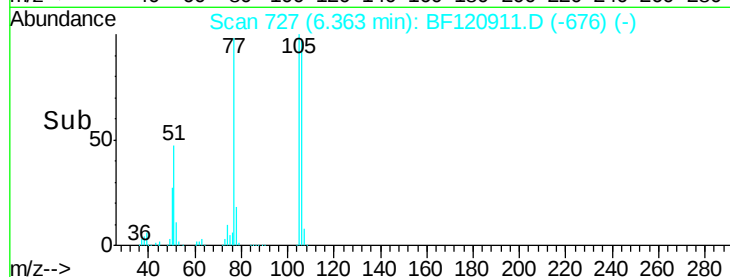
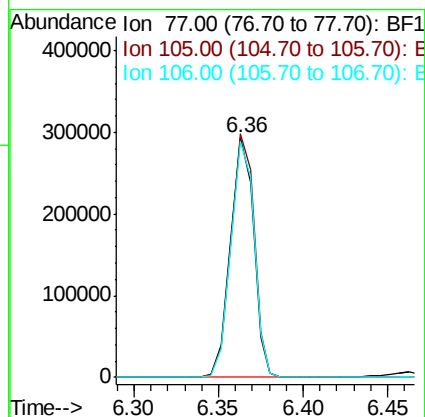
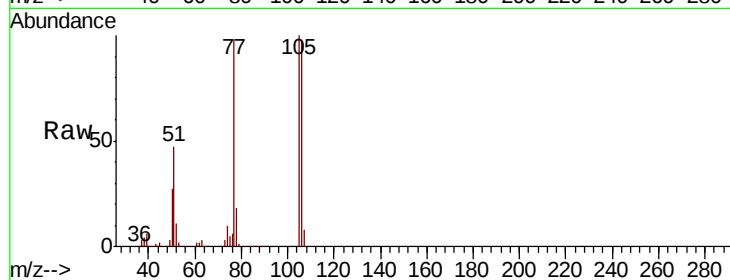
Tot Ion: 77 Resp: 279742

Ion Ratio Lower Upper

77 100

105 101.6 82.5 122.5

106 98.2 78.7 118.7



#10

Phenol

Concen: 37.889 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

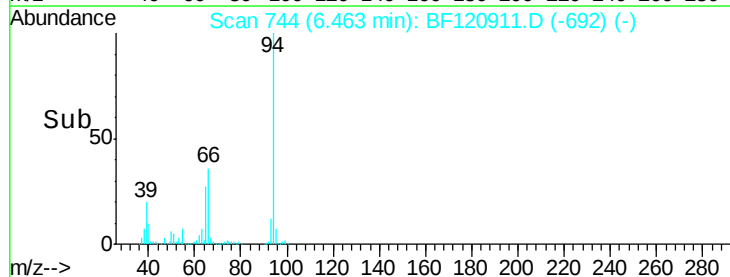
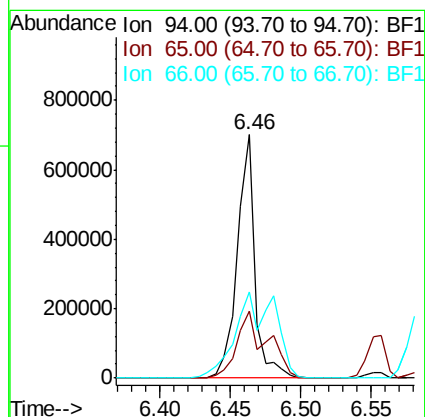
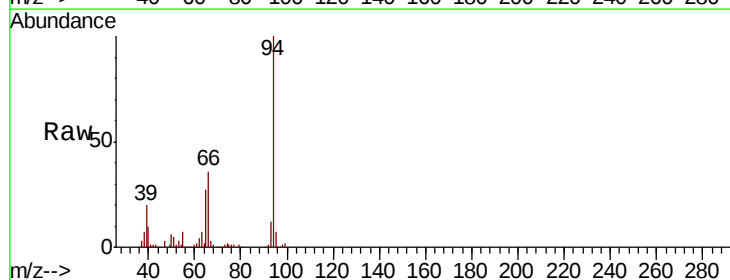
Tgt Ion: 94 Resp: 610124

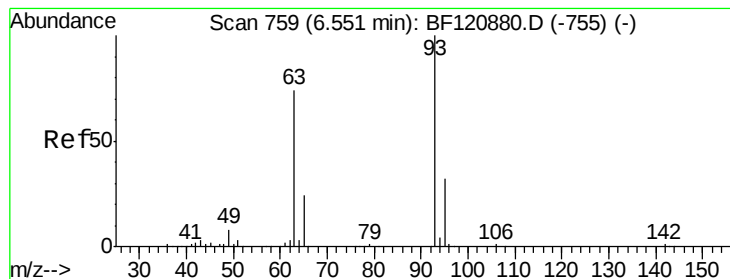
Ion Ratio Lower Upper

94 100

65 27.3 6.6 46.6

66 35.6 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 38.302 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

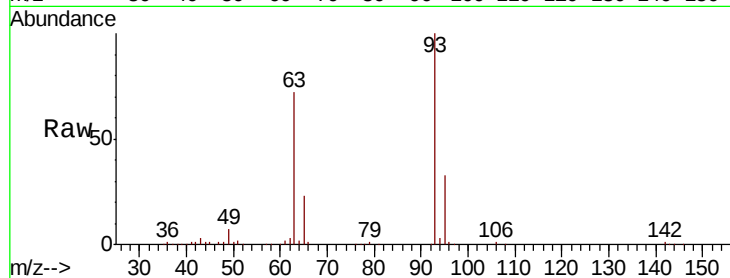
Tot Ion: 93 Resp: 472691

Ion Ratio Lower Upper

93 100

63 71.9 54.2 94.2

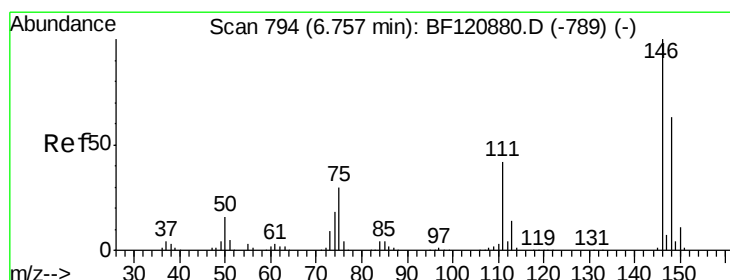
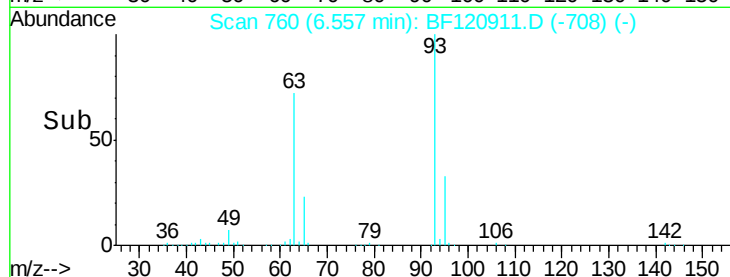
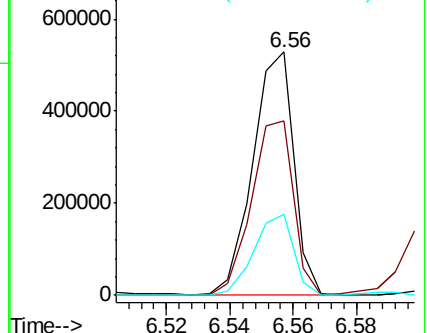
95 33.3 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.439 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

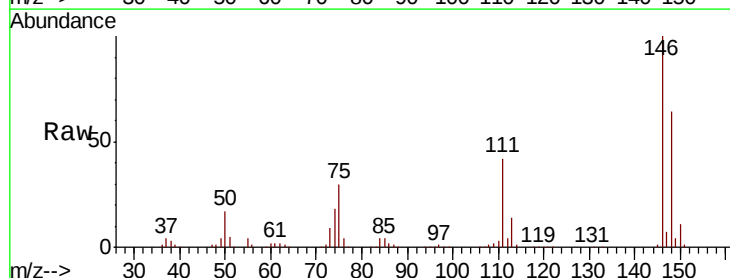
Tgt Ion: 146 Resp: 506818

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

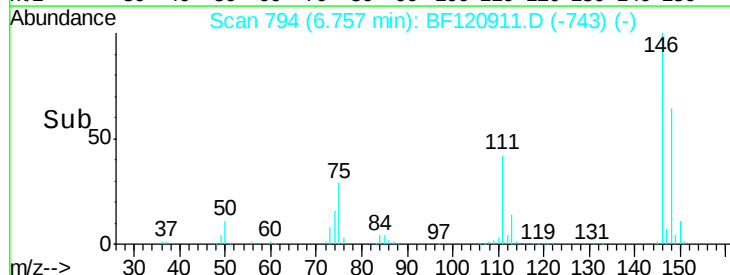
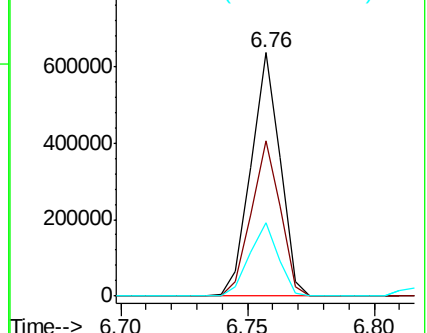
75 30.0 24.1 36.1

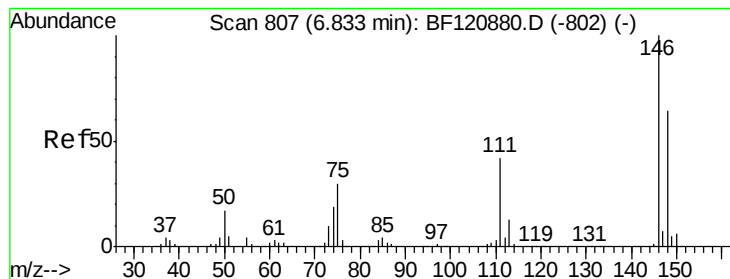


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.189 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

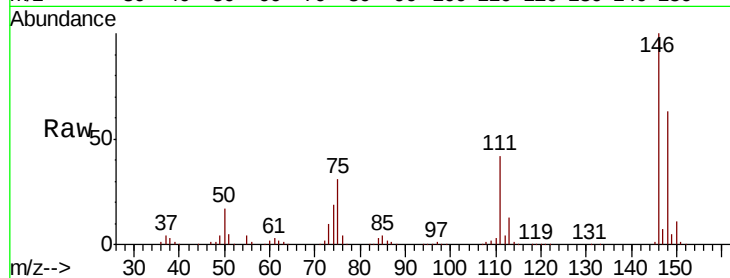
Tot Ion:146 Resp: 514065

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

111 41.5 33.5 50.3



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

6.83

800000

600000

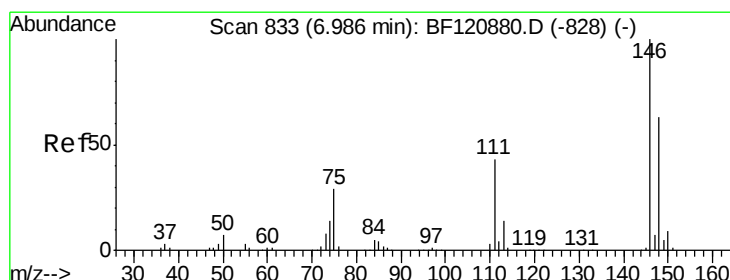
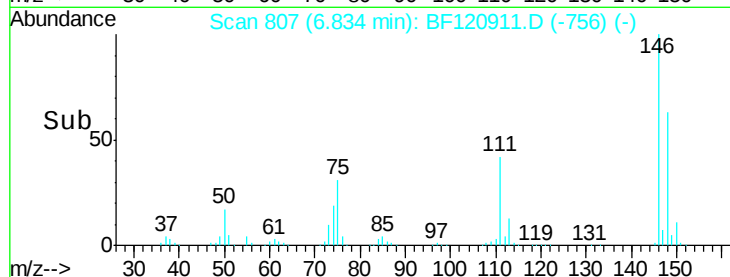
400000

200000

0

6.80 6.85

Time-->



#14

1,2-Dichlorobenzene

Concen: 37.739 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

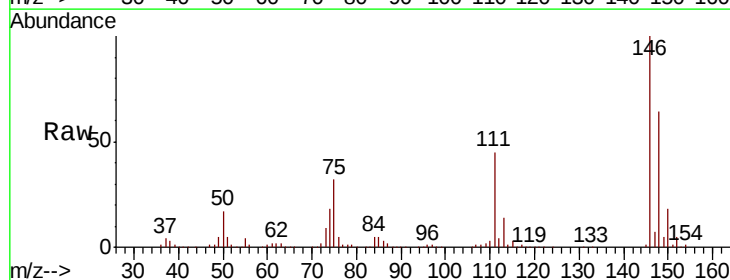
Tgt Ion:146 Resp: 480587

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 44.5 34.2 51.2



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

6.99

800000

600000

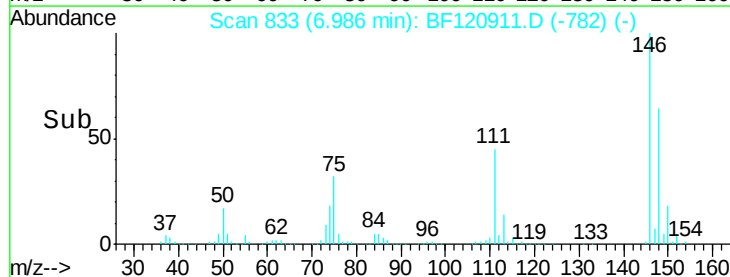
400000

200000

0

6.95 7.00

Time-->





#15

Benzyl Alcohol

Concen: 38.385 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

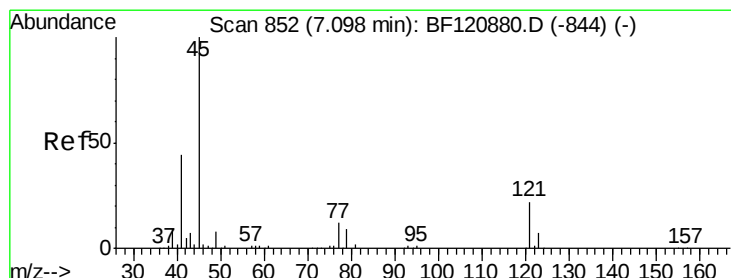
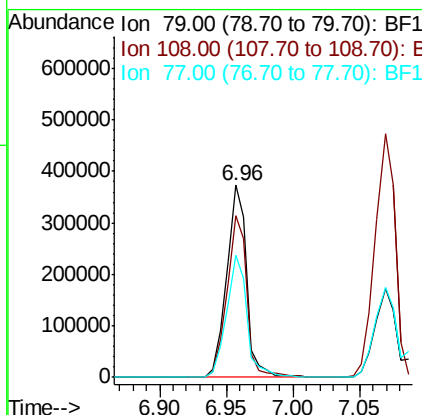
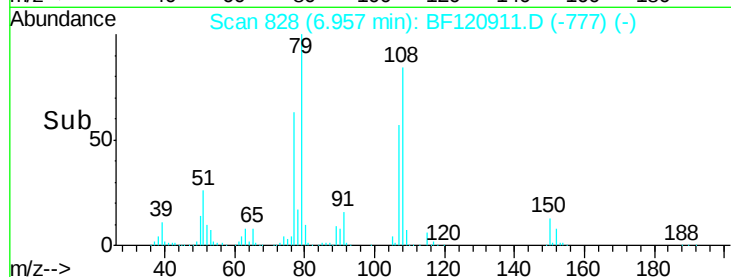
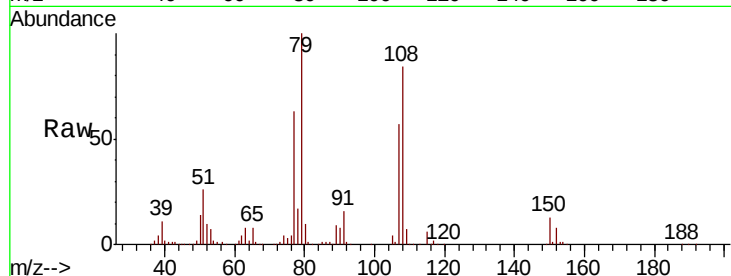
Tot Ion: 79 Resp: 397371

Ion Ratio Lower Upper

79 100

108 84.3 67.0 100.6

77 63.3 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.561 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

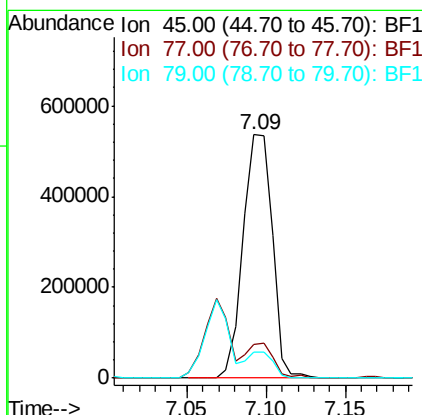
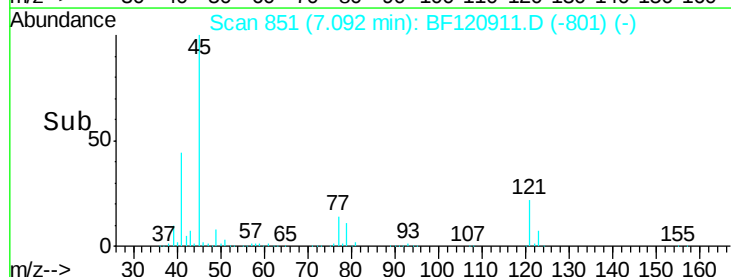
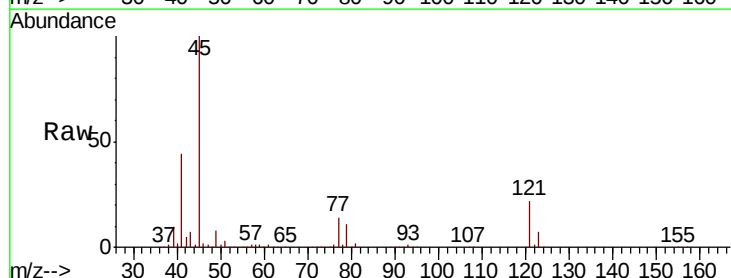
Tgt Ion: 45 Resp: 685919

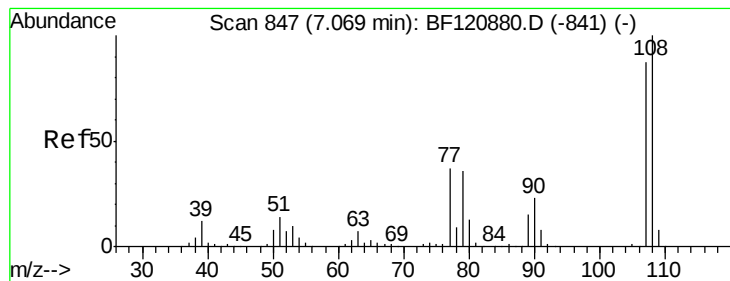
Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.3

79 10.7 0.0 31.0

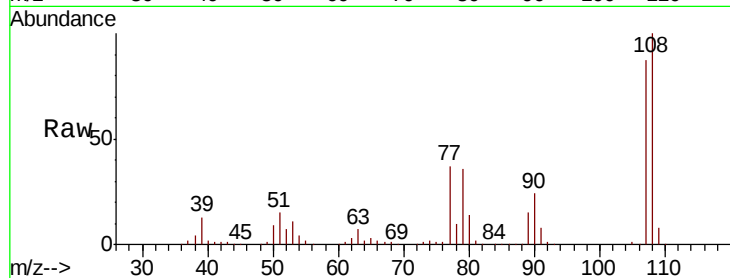




#17
2-Methylphenol
Concen: 38.220 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	42.7	34.0	51.0
79	42.0	33.3	49.9



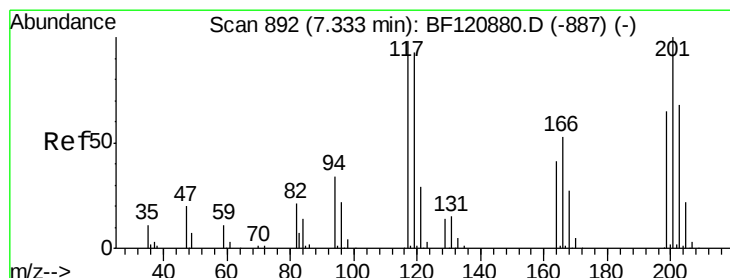
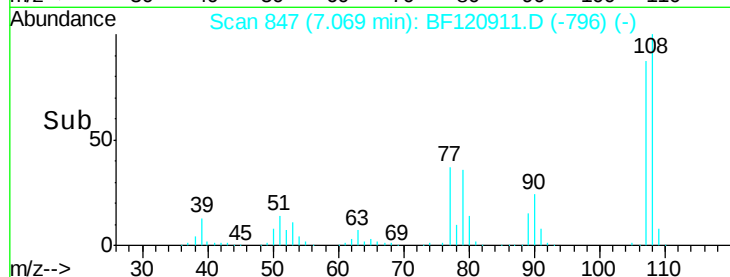
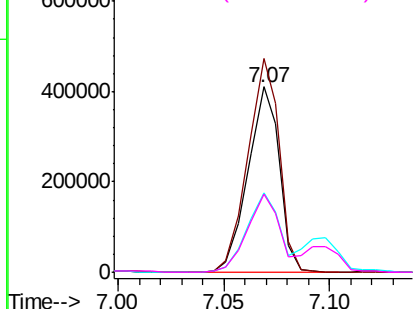
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

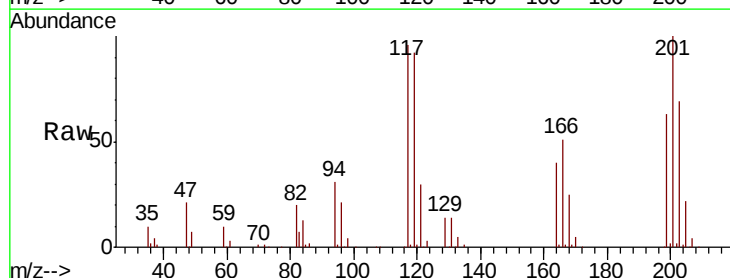
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.437 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.0	114.0
201	104.6	81.7	122.5

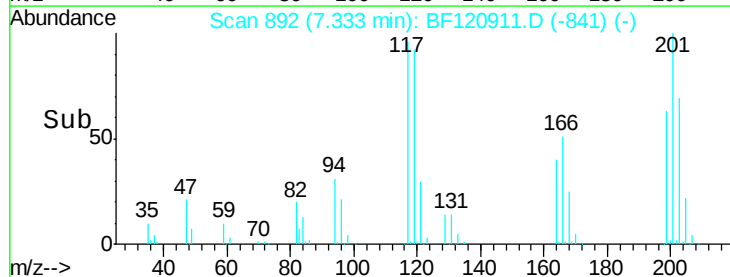
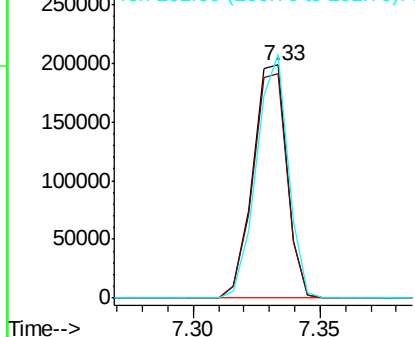


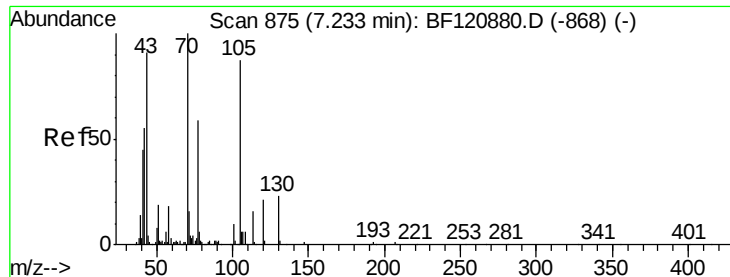
Abundance

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

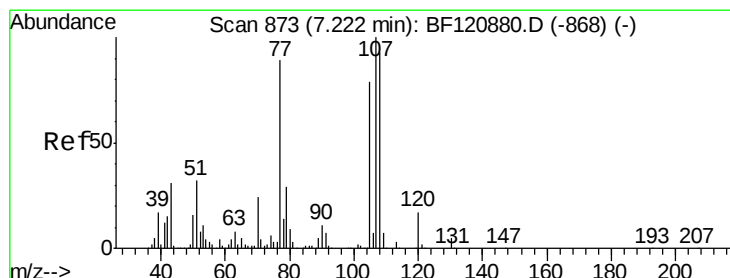
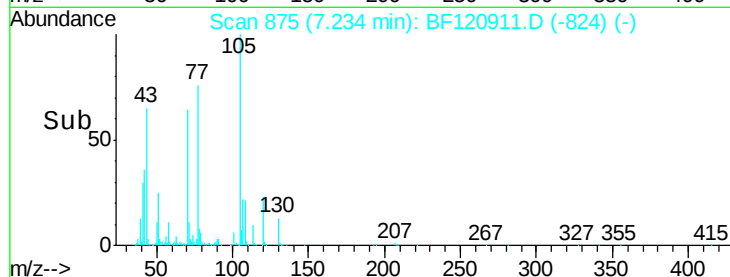
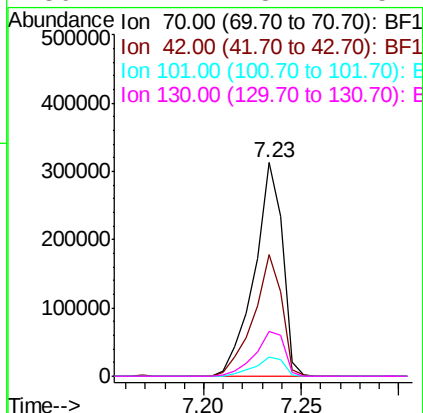
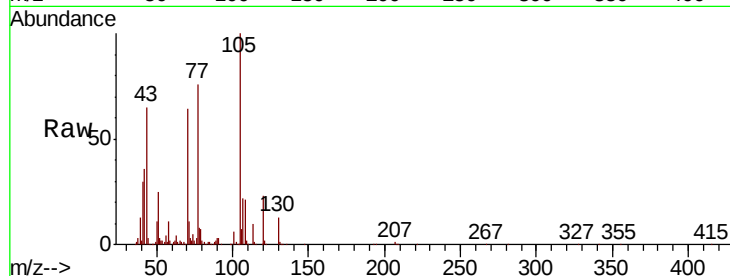




#19
n-Nitroso-di-n-propylamine
Concen: 37.556 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

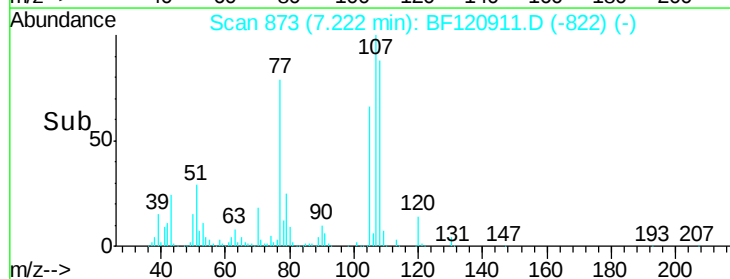
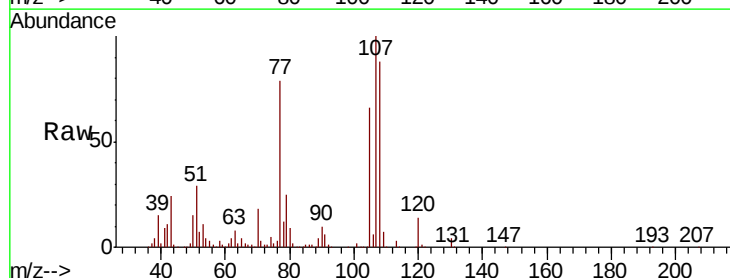
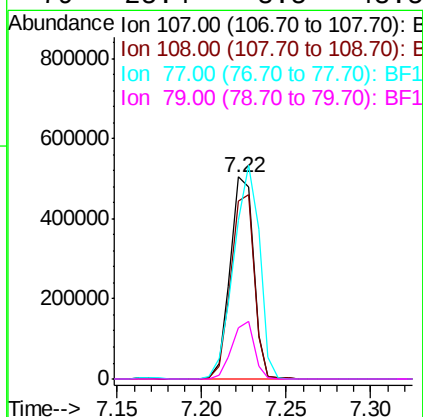
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

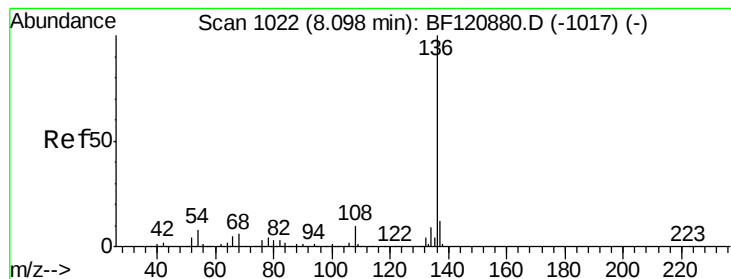
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.0	66.0
101	9.2	7.8	11.6
130	21.1	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.618 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	72.8	112.8
77	78.5	68.7	108.7
79	25.4	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 692934

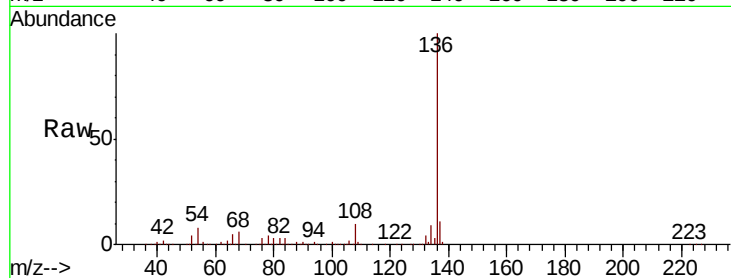
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.6 6.3 9.5

68 6.2 5.0 7.4

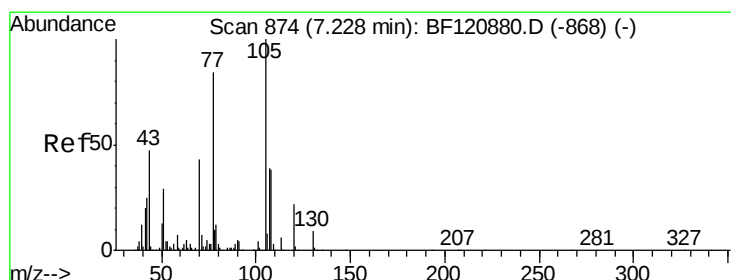
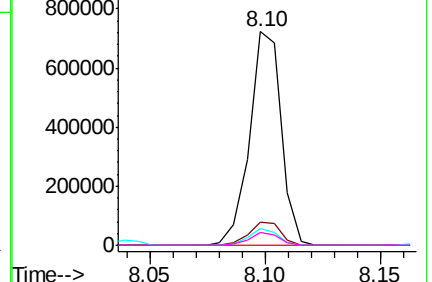
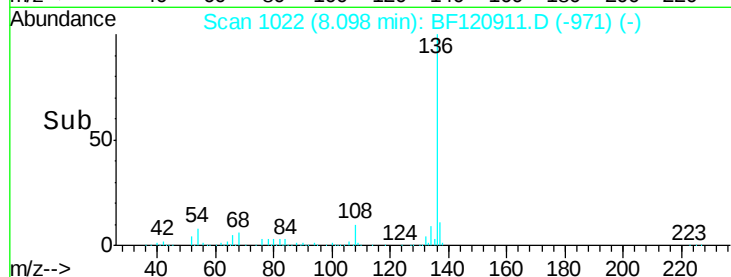


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.394 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Tgt Ion:105 Resp: 581532

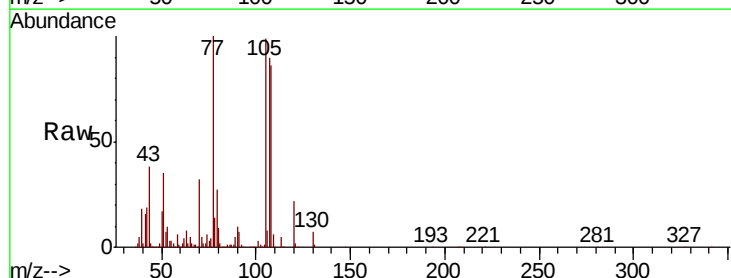
Ion Ratio Lower Upper

105 100

71 5.5 5.7 8.5#

51 35.7 22.9 34.3#

120 22.0 18.0 27.0

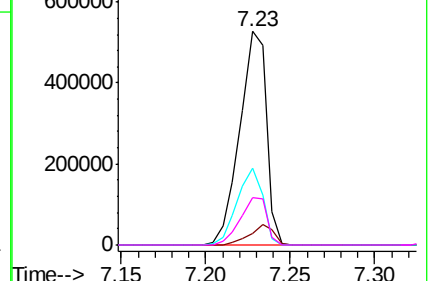
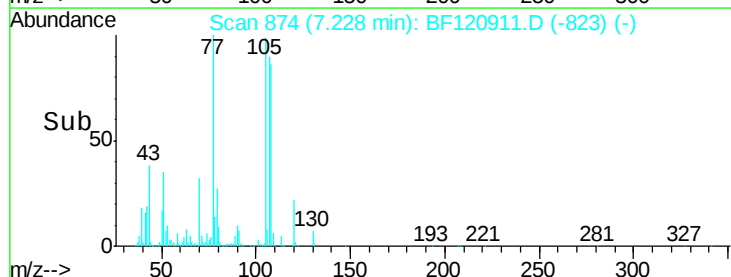


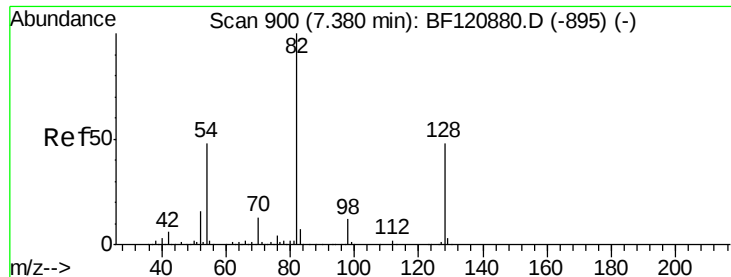
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

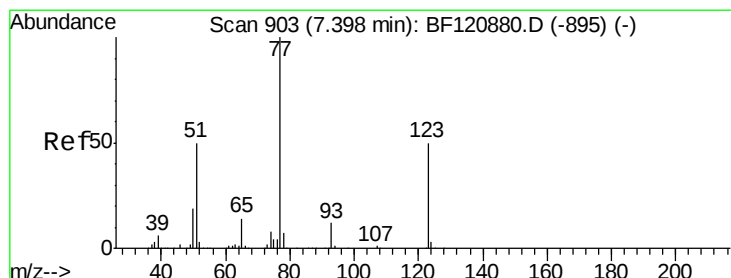
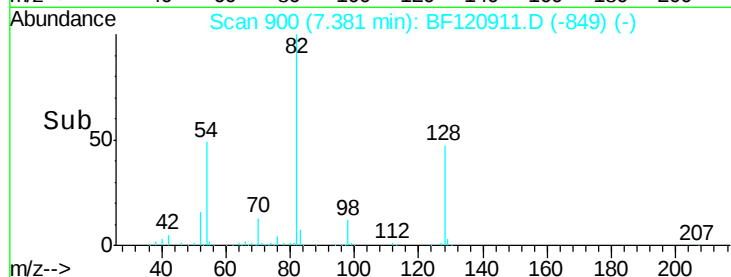
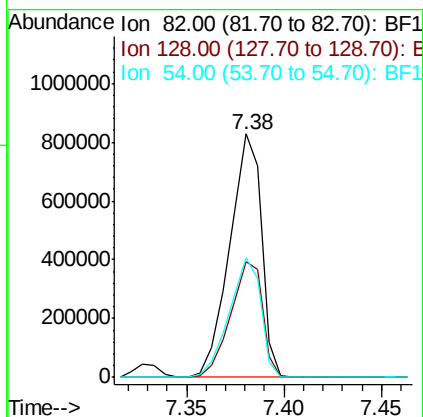
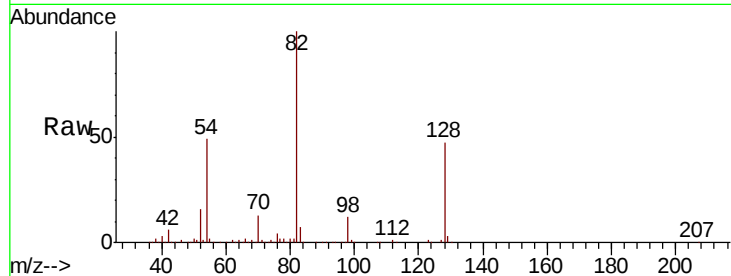




#23
 Nitrobenzene-d5
 Concen: 77.981 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

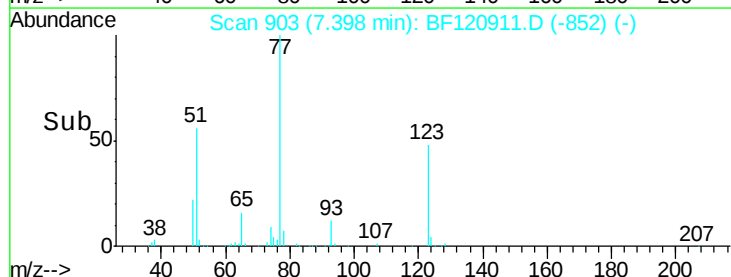
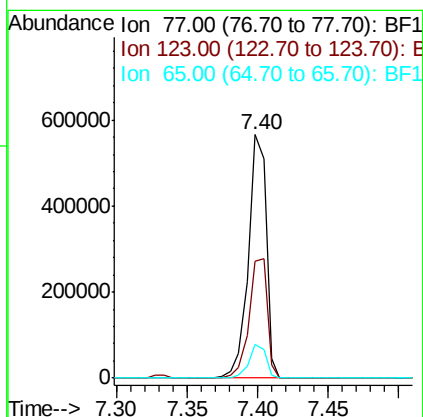
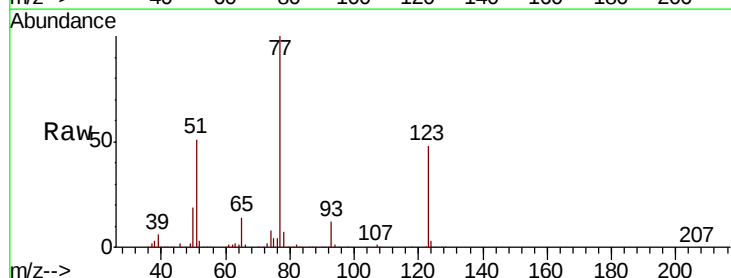
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

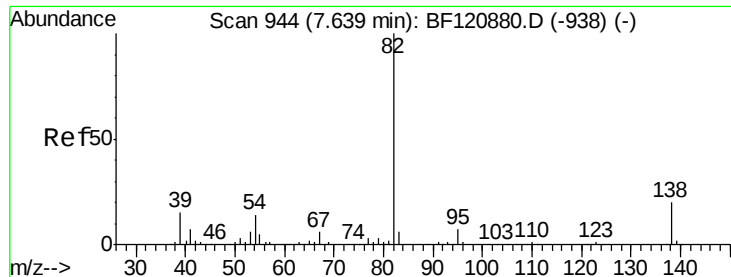
Tot Ion	82	Resp	933858
Ion Ratio	100	Lower	Upper
128	47.3	38.2	57.4
54	49.0	38.7	58.1



#24
 Nitrobenzene
 Concen: 39.015 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion	77	Resp	503575
Ion Ratio	100	Lower	Upper
123	48.1	40.1	60.1
65	13.6	10.8	16.2





#25

Isophorone

Concen: 38.547 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

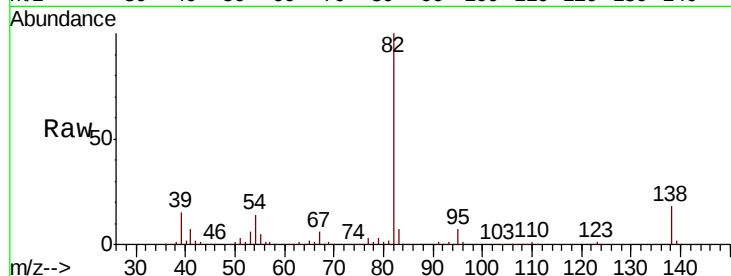
Tot Ion: 82 Resp: 921275

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

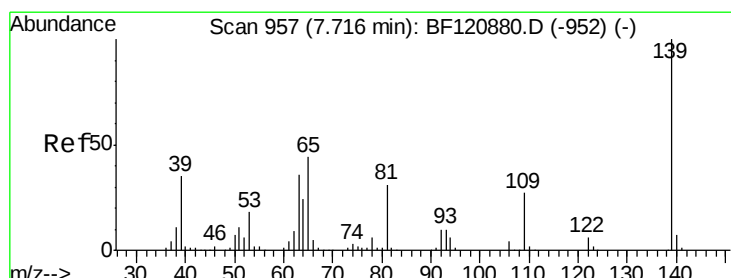
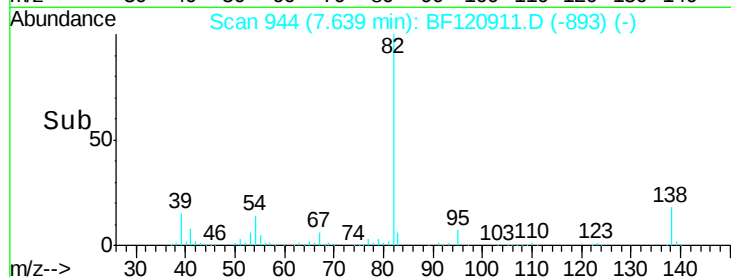
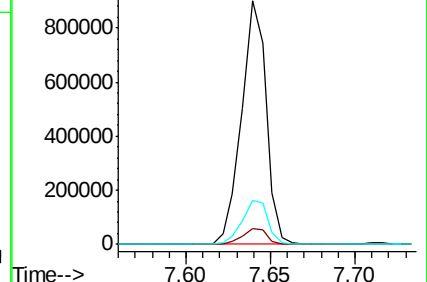
138 17.8 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.338 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

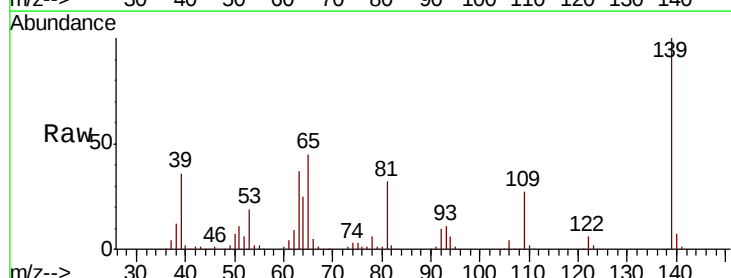
Tgt Ion: 139 Resp: 259535

Ion Ratio Lower Upper

139 100

109 27.1 21.6 32.4

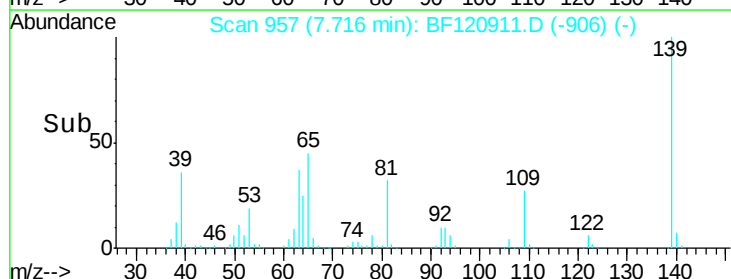
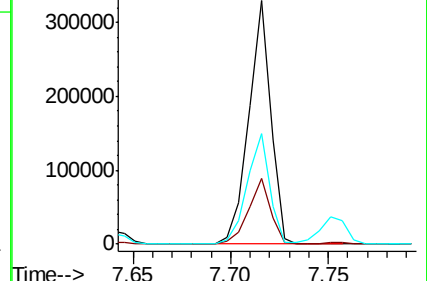
65 45.3 35.3 52.9

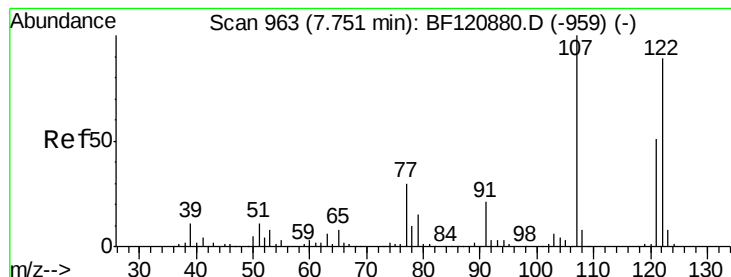


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

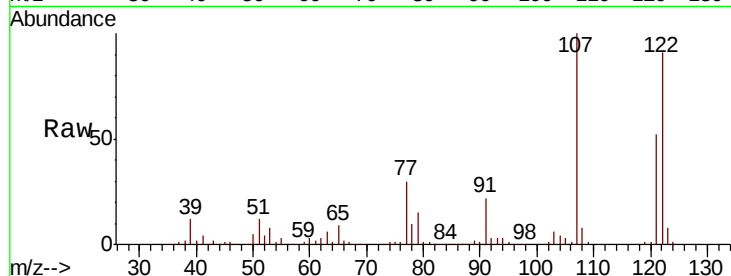




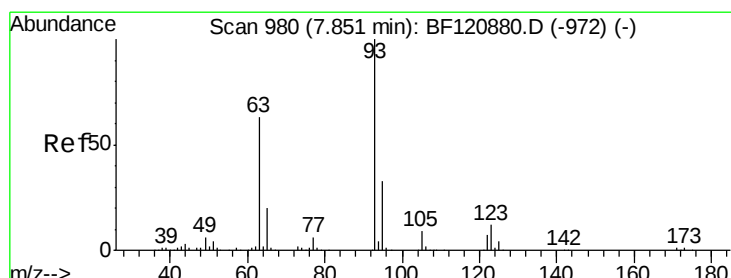
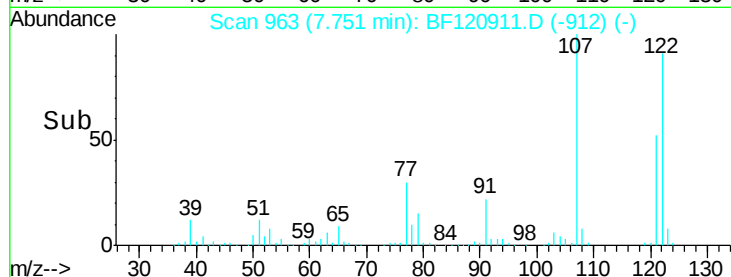
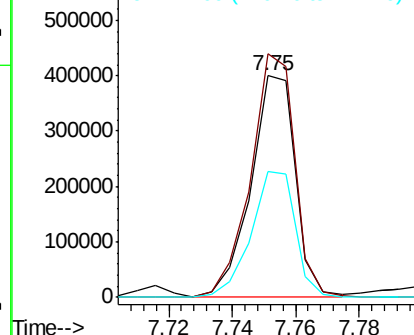
#27
 2,4-Dimethylphenol
 Concen: 39.033 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 388485
 Ion Ratio Lower Upper
 122 100
 107 109.9 89.4 134.0
 121 57.0 46.0 69.0

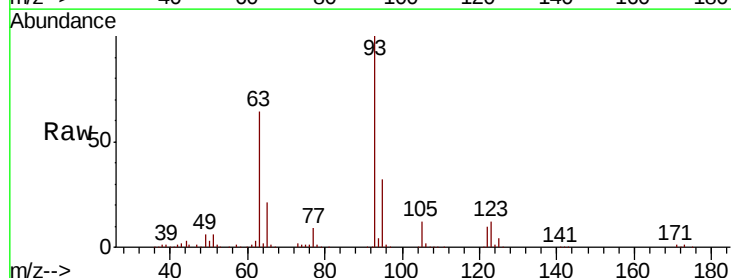


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

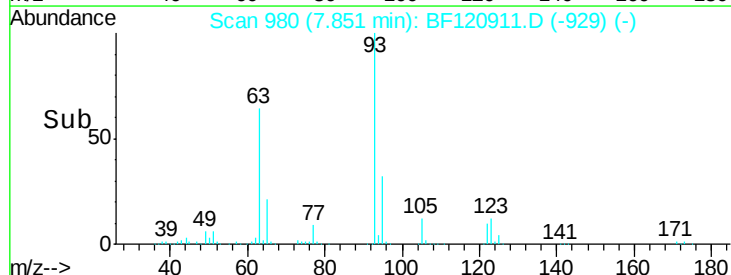
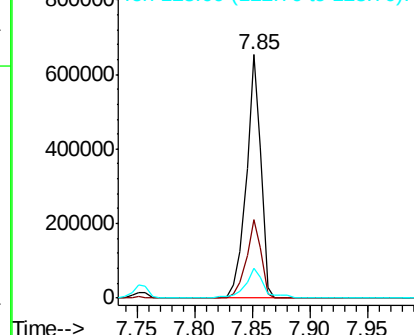


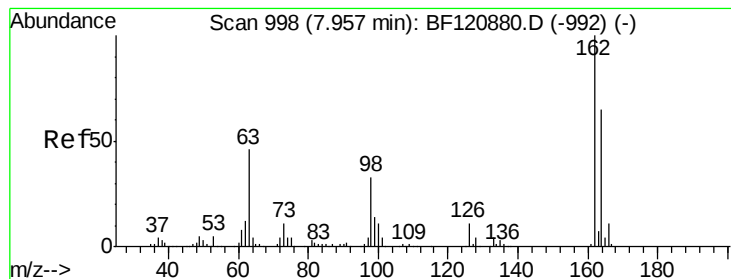
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.847 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion: 93 Resp: 566752
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 39.8
 123 12.5 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.249 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

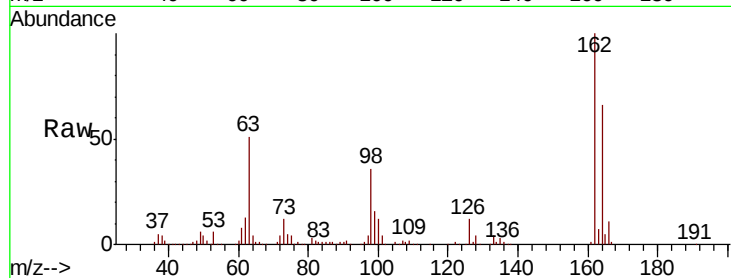
Tot Ion:162 Resp: 399173

Ion Ratio Lower Upper

162 100

164 65.7 45.3 85.3

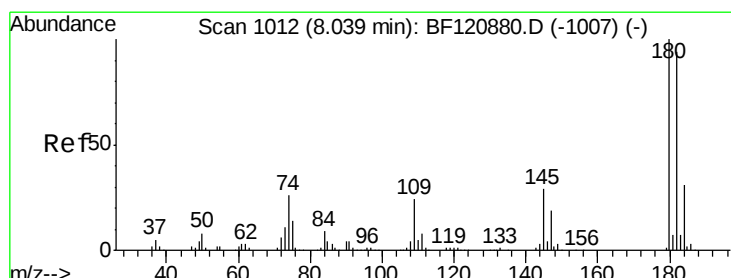
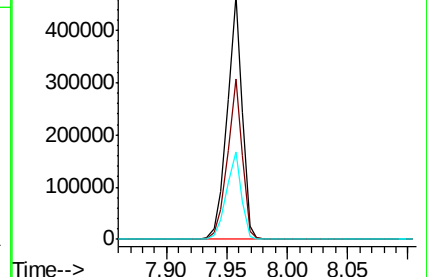
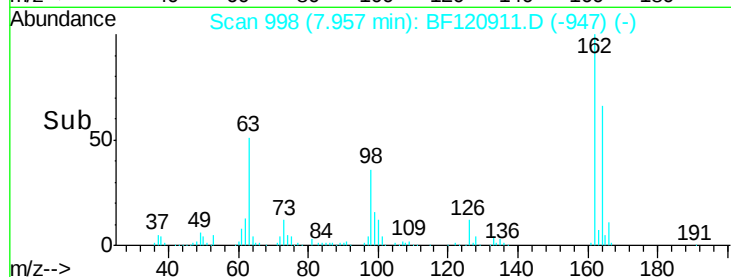
98 36.1 13.3 53.3



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: 38.089 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

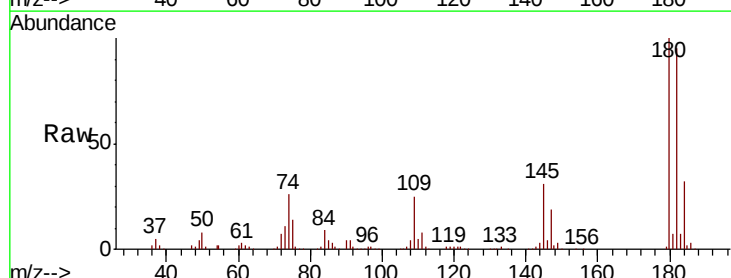
Tgt Ion:180 Resp: 429774

Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

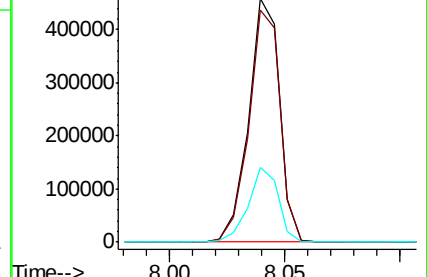
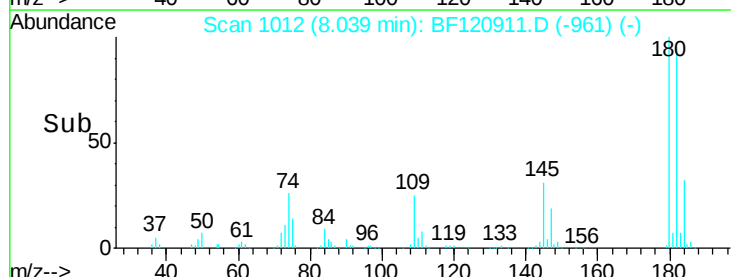
145 30.5 23.5 35.3

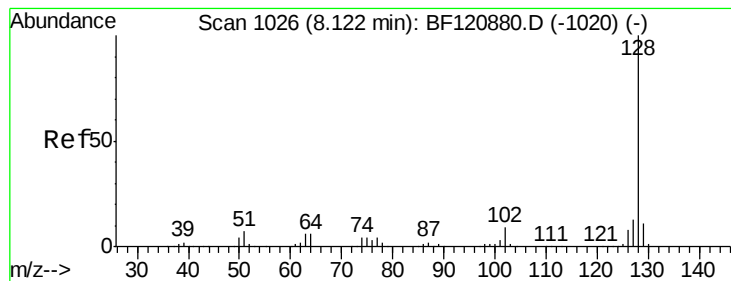


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.643 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

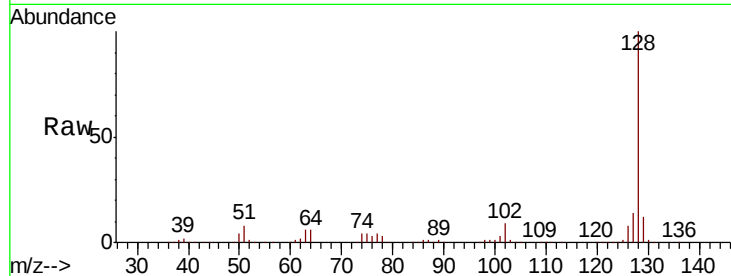
Tot Ion:128 Resp: 1338002

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

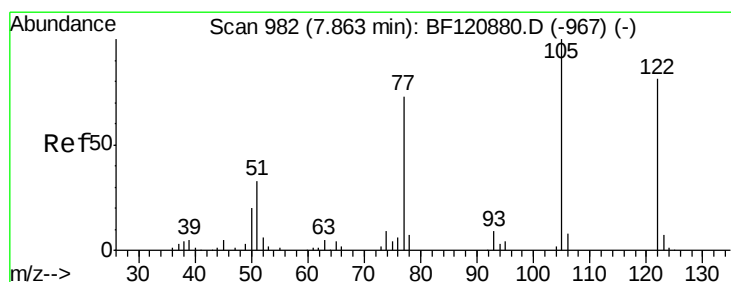
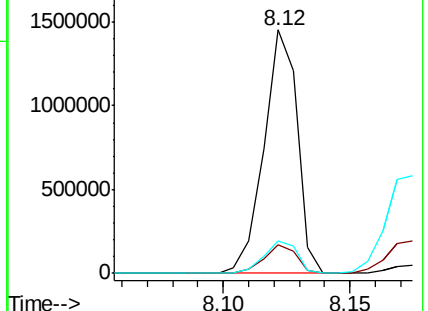
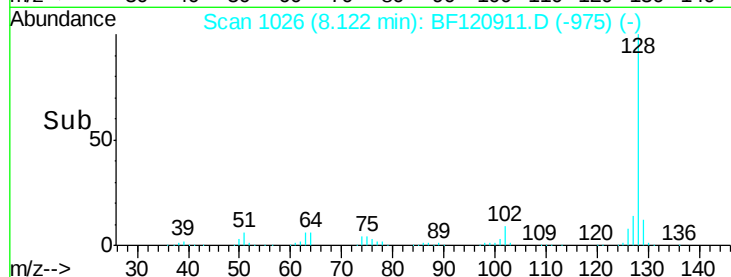
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.524 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

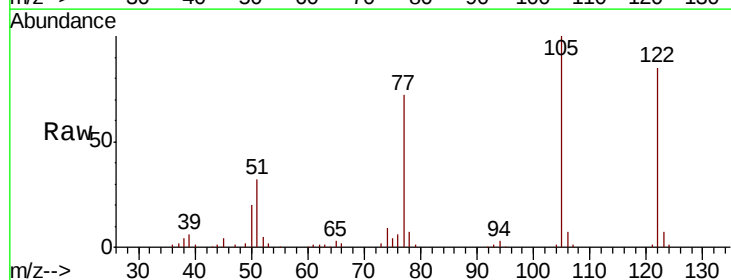
Tgt Ion:122 Resp: 295291

Ion Ratio Lower Upper

122 100

105 117.3 101.3 141.3

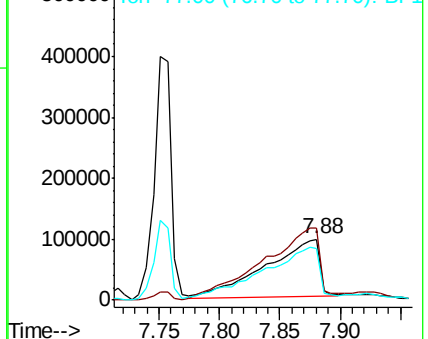
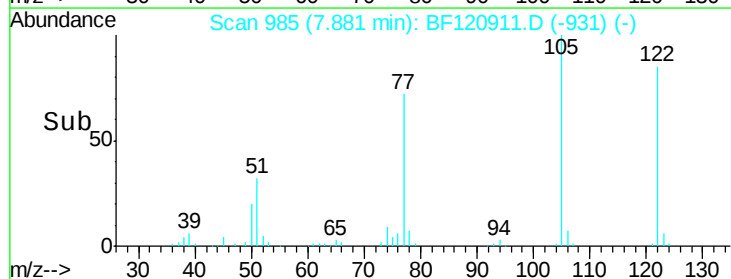
77 84.9 69.1 109.1

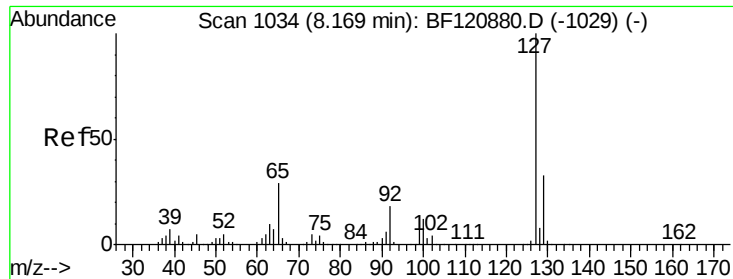


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

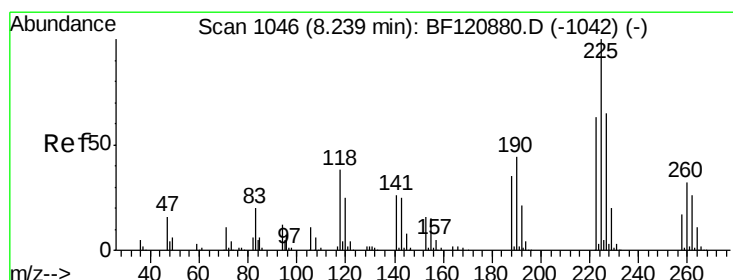
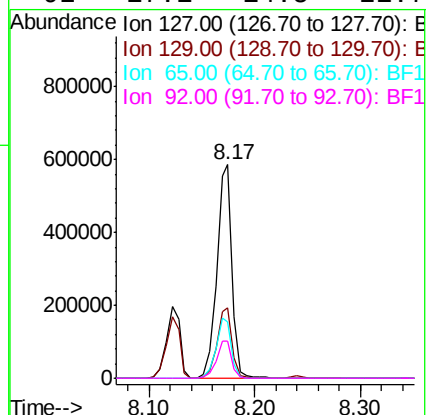
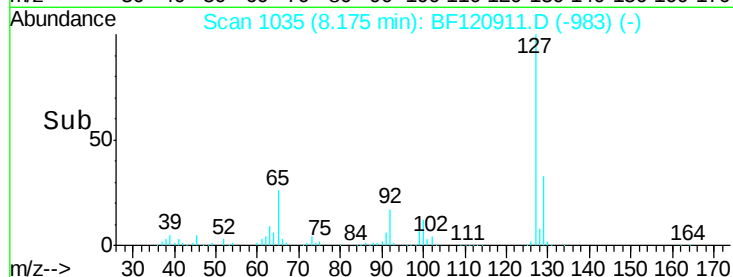
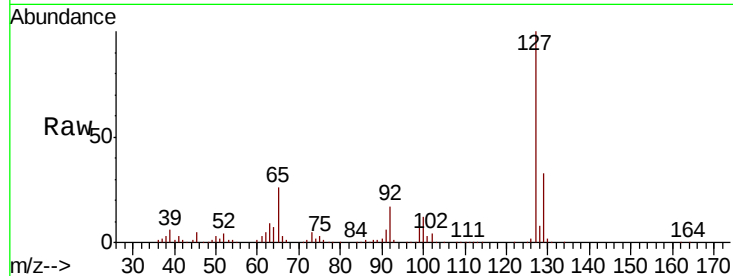




#33
4-Chloroaniline
Concen: 37.707 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

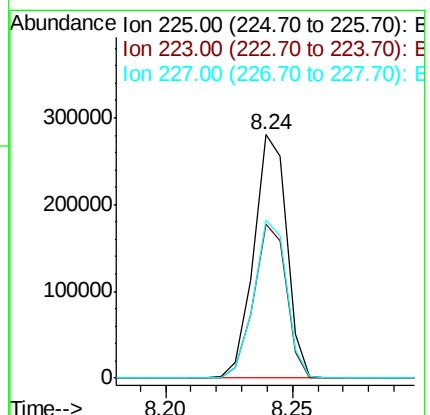
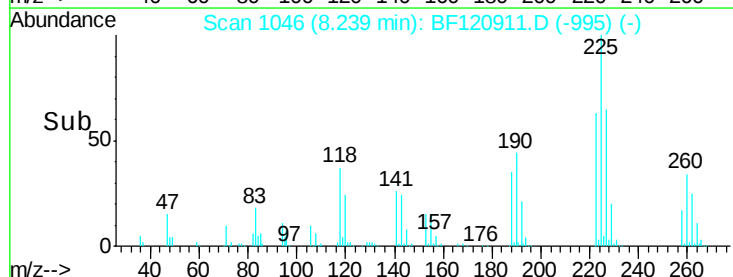
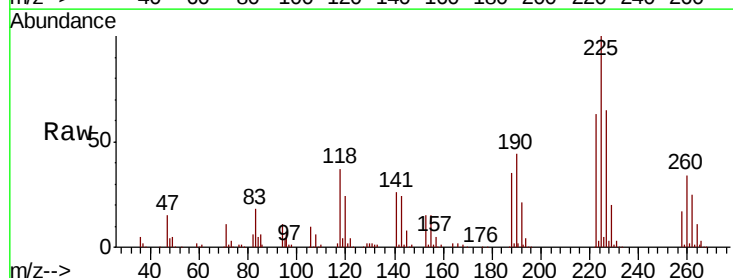
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

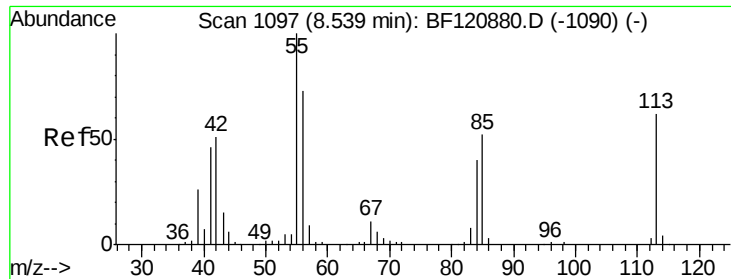
Tot Ion:	127	Resp:	597885
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	26.4	23.0	34.4
92	17.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.324 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:	225	Resp:	254921
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	65.1	52.2	78.2

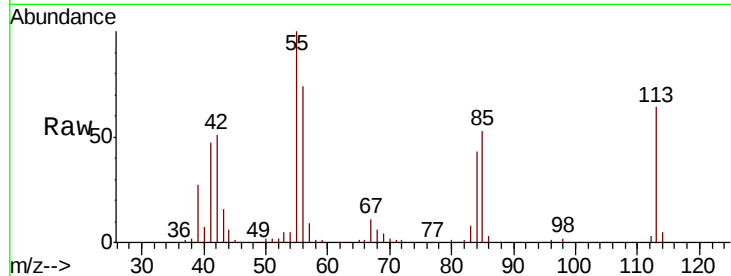




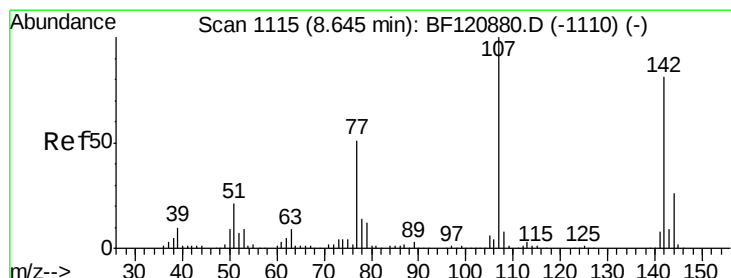
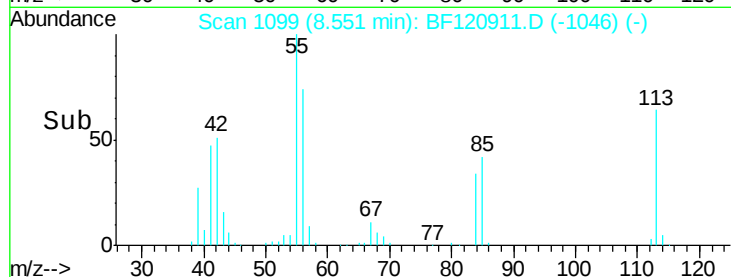
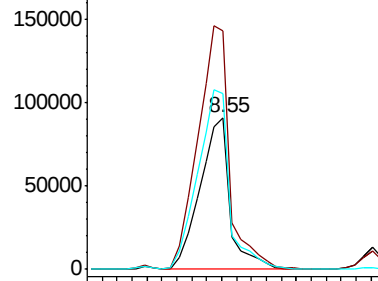
#35
 Caprolactam
 Concen: 39.313 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 128218
 Ion Ratio Lower Upper
 113 100
 55 157.3 143.3 183.3
 56 115.8 99.4 139.4

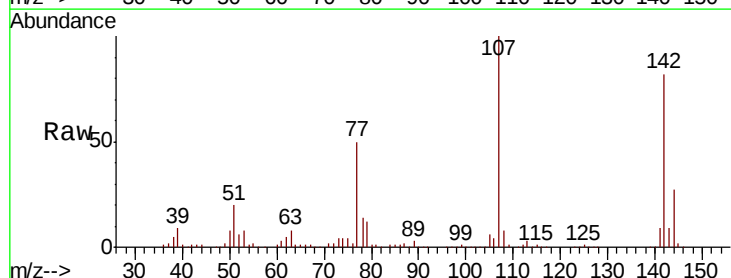


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

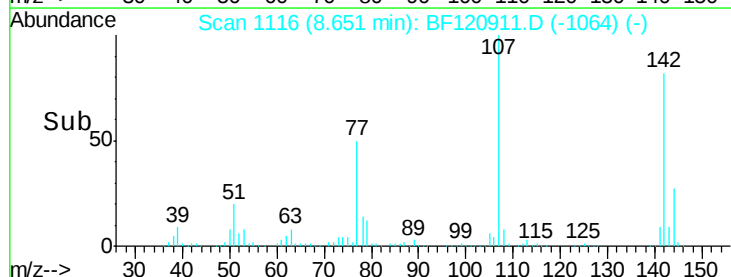
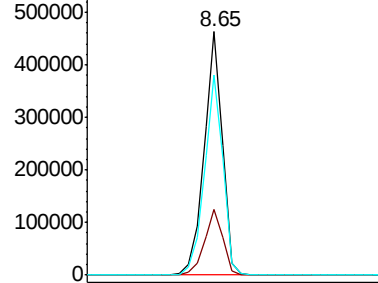


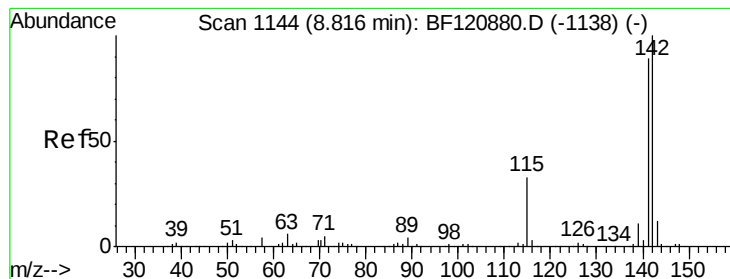
#36
 4-Chloro-3-methylphenol
 Concen: 38.641 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:107 Resp: 403050
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 82.4 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.536 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

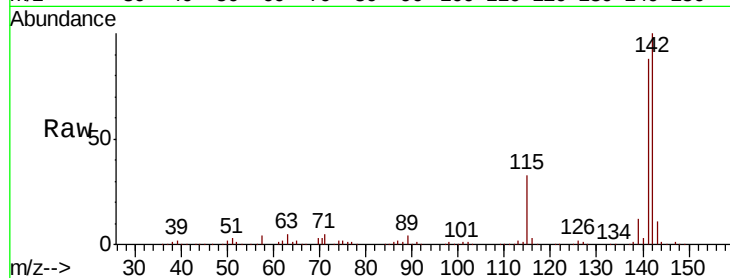
Tot Ion:142 Resp: 889379

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4

115 32.5 26.0 39.0



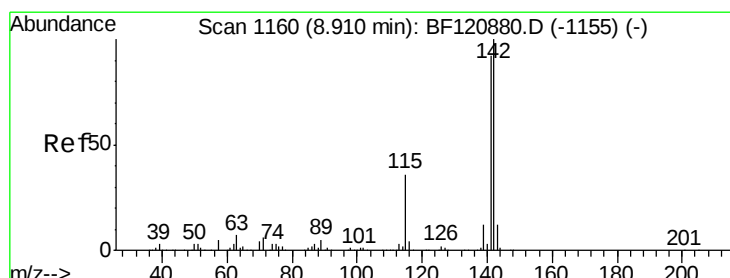
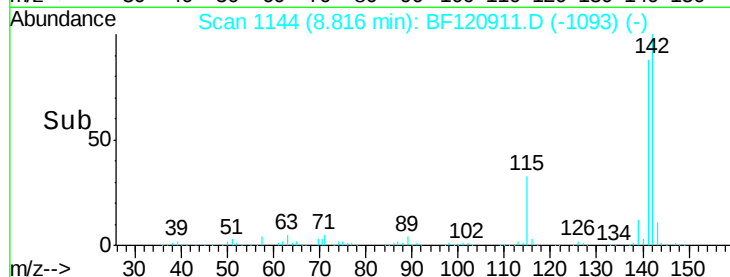
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.82

Time-->



#38

1-Methylnaphthalene

Concen: 38.476 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

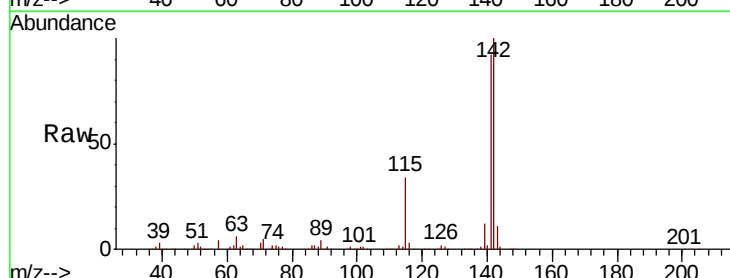
Tgt Ion:142 Resp: 841024

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

116 3.4 3.0 4.6



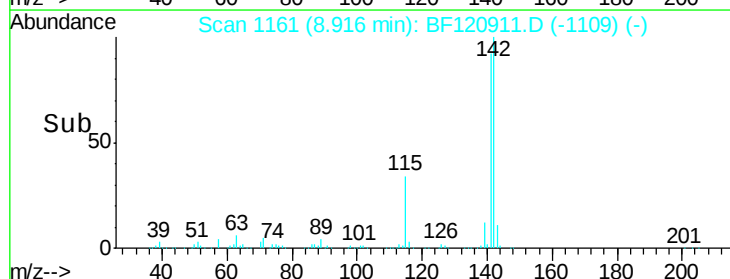
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.92

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

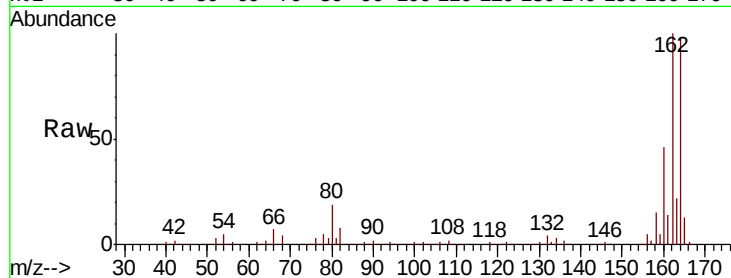
Tot Ion:164 Resp: 359841

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

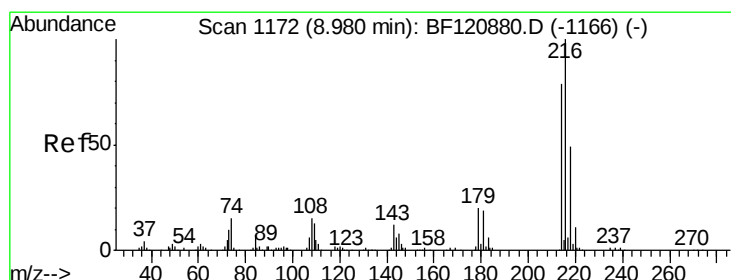
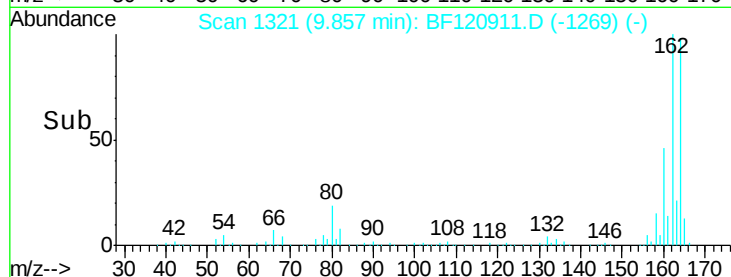
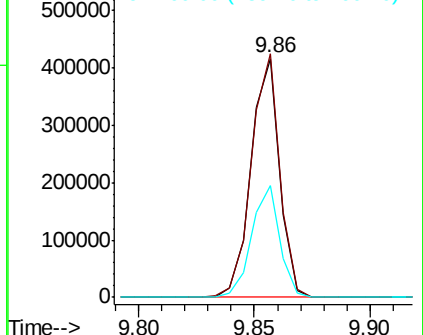
160 46.8 36.9 55.3



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: 38.611 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Tgt Ion:216 Resp: 404809

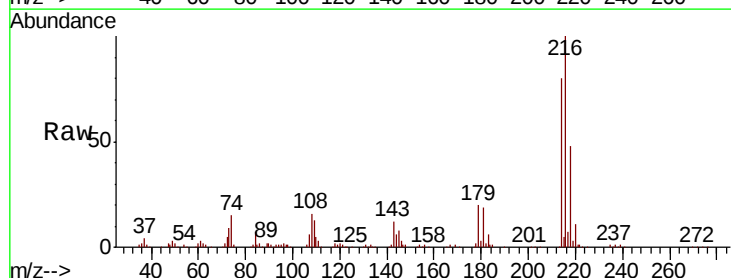
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 20.6 16.6 24.8

108 18.7 15.4 23.0

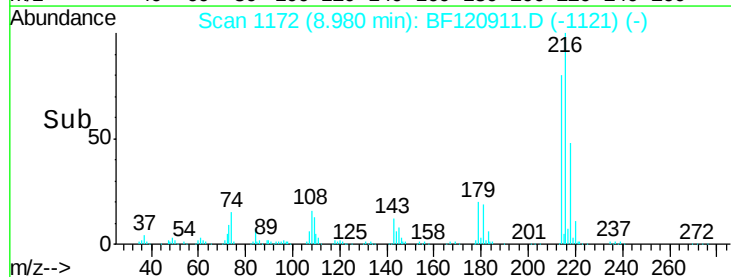
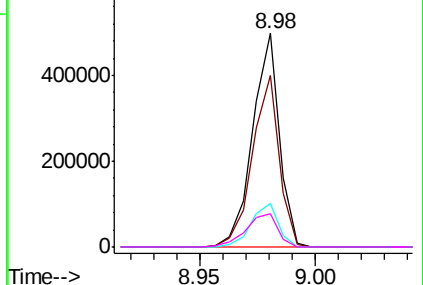


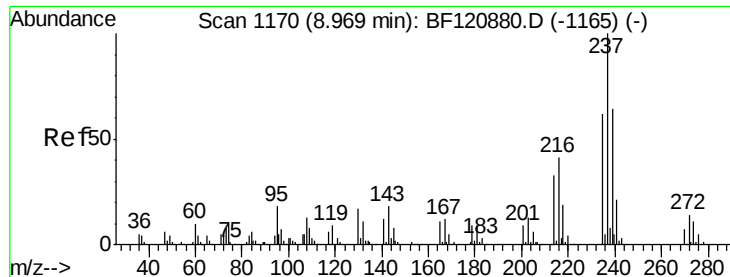
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.609 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

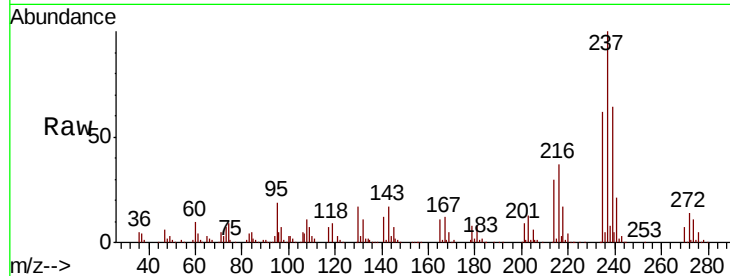
Tot Ion:237 Resp: 235307

Ion Ratio Lower Upper

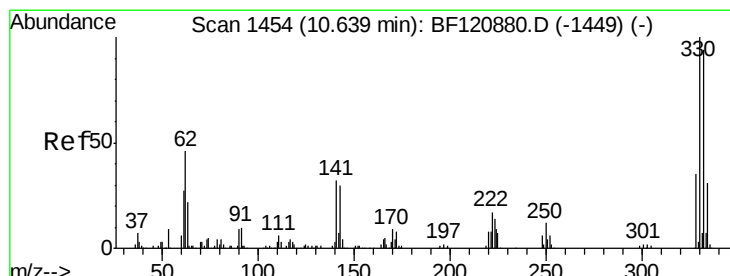
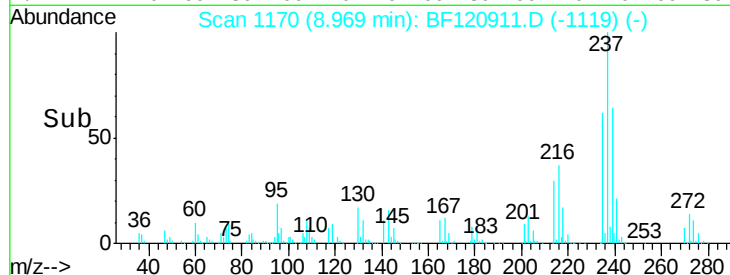
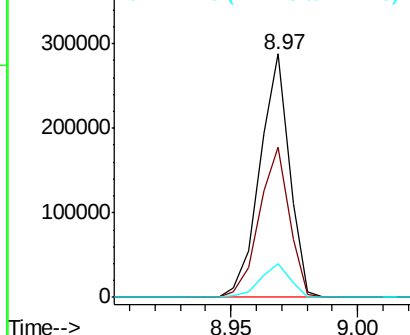
237 100

235 61.8 41.6 81.6

272 13.9 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 79.077 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

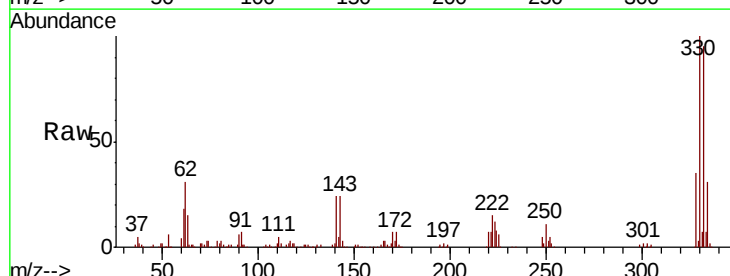
Tgt Ion:330 Resp: 311468

Ion Ratio Lower Upper

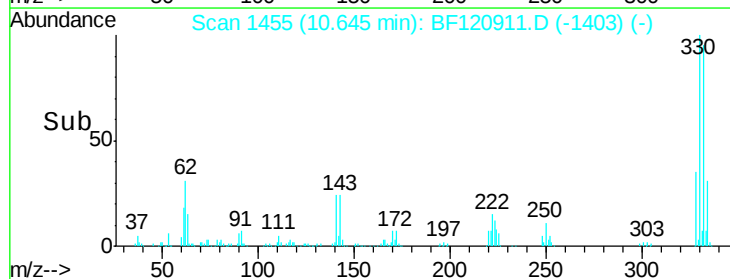
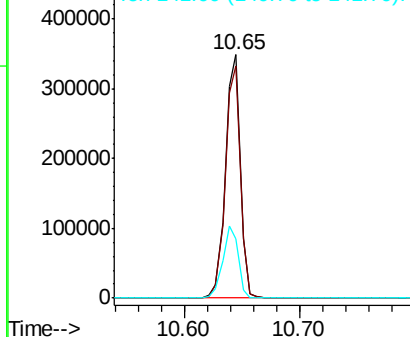
330 100

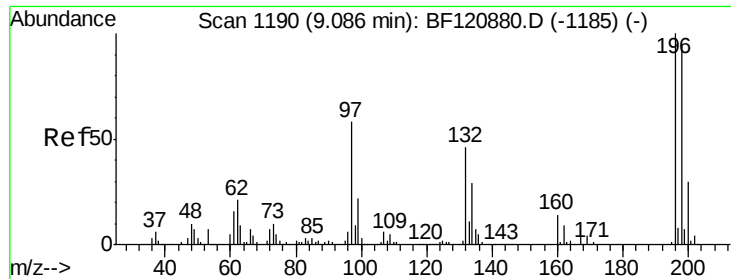
332 96.4 75.5 113.3

141 30.8 25.7 38.5



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

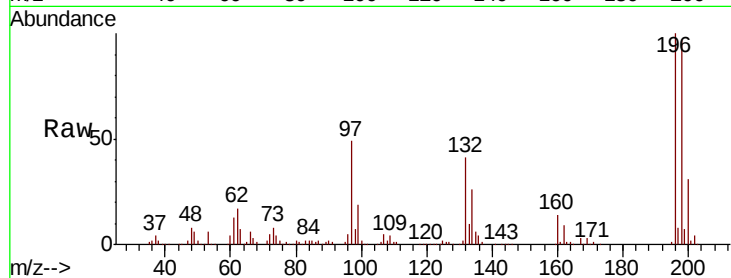




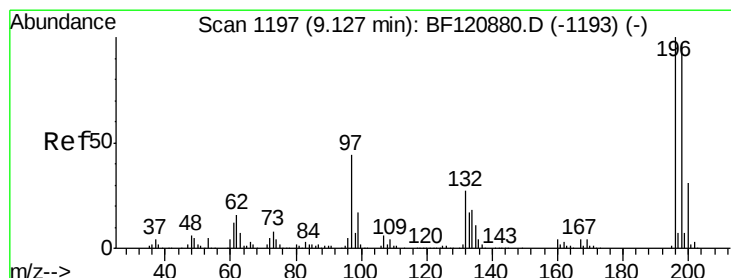
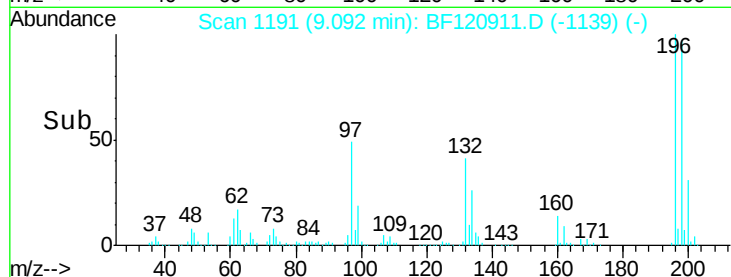
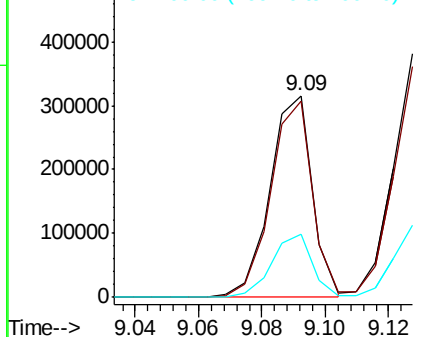
#43
 2,4,6-Trichlorophenol
 Concen: 39.703 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:196 Resp: 293083
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.4 24.4 36.6

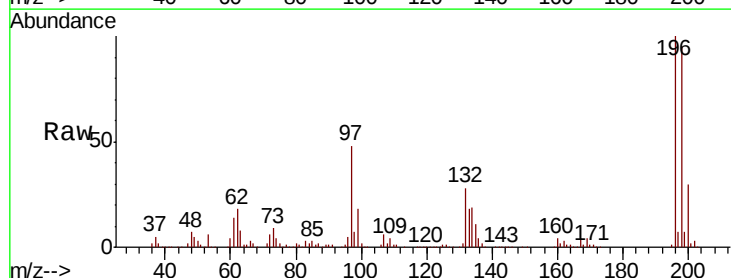


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

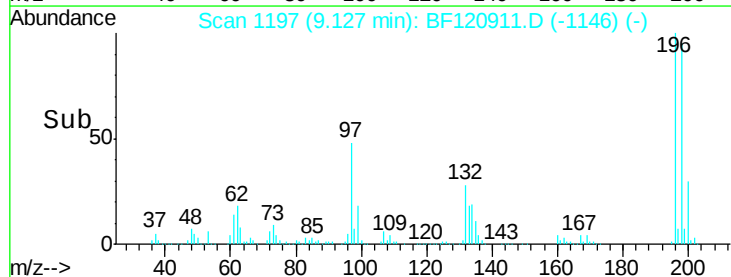
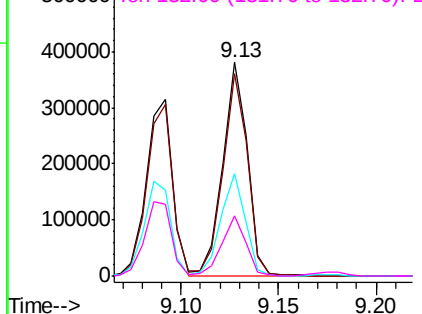


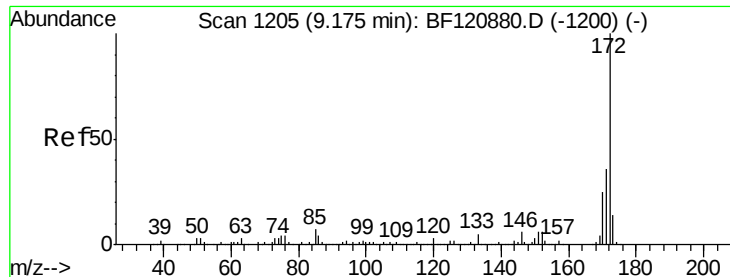
#44
 2,4,5-Trichlorophenol
 Concen: 39.748 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:196 Resp: 332829
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.6 116.4
 97 48.0 35.6 53.4
 132 27.9 21.5 32.3



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

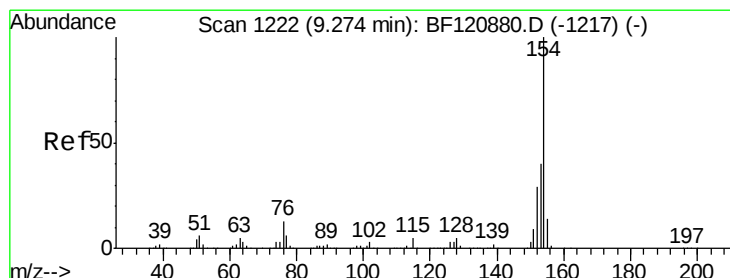
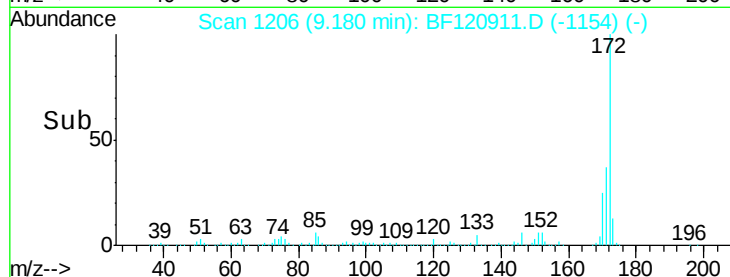
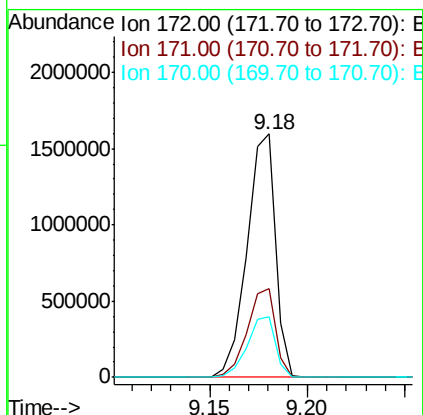
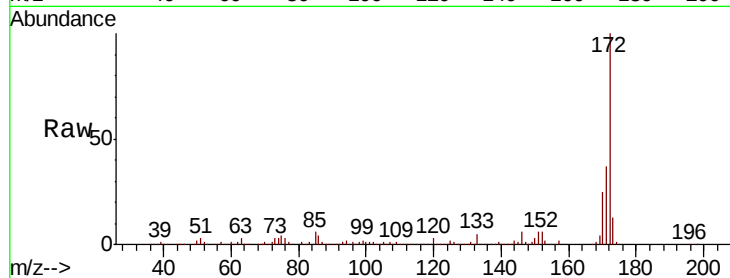




#45
2-Fluorobiphenyl
Concen: 66.792 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

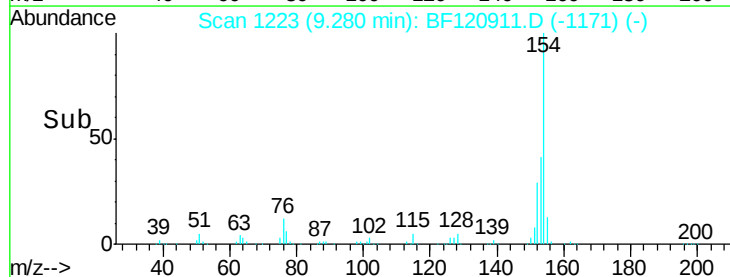
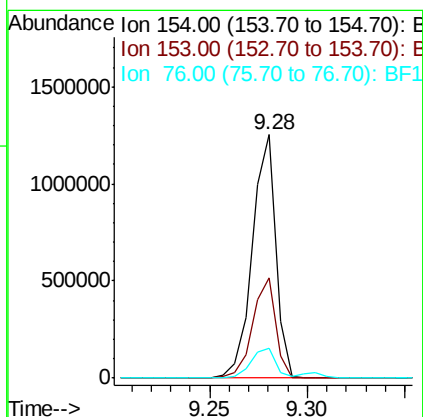
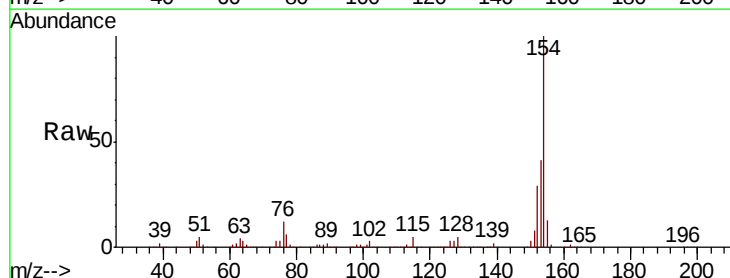
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

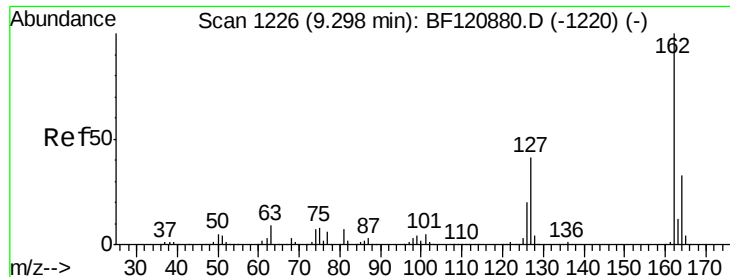
Tot Ion:172 Resp: 1609758
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.0 19.6 29.4



#46
1,1'-Biphenyl
Concen: 37.951 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:154 Resp: 1041716
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 12.0 0.0 33.1

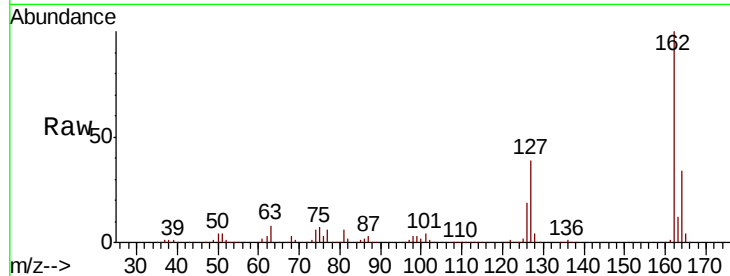




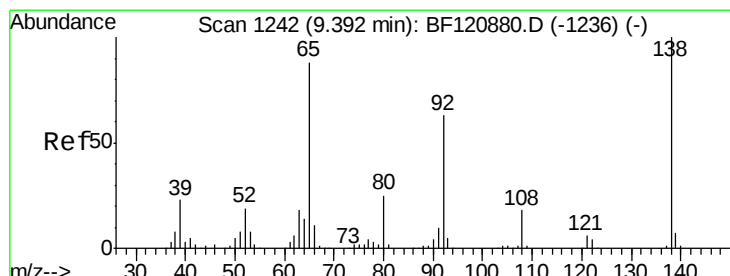
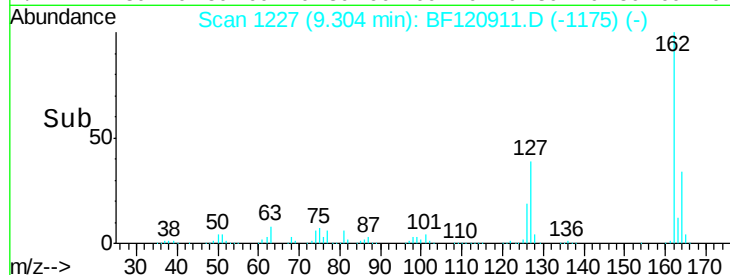
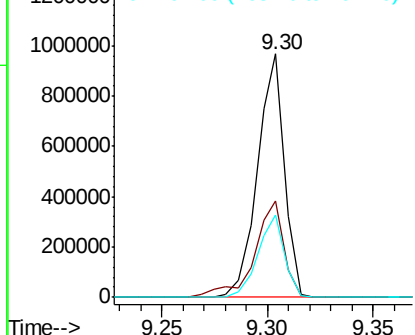
#47
 2-Chloronaphthalene
 Concen: 38.163 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.3	49.9
164	33.6	26.6	39.8

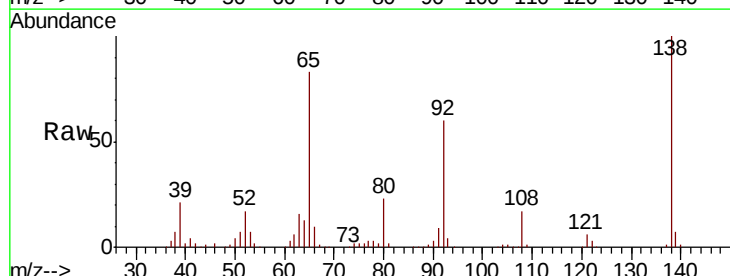


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

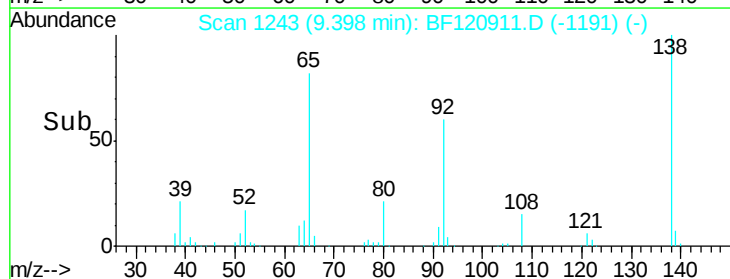
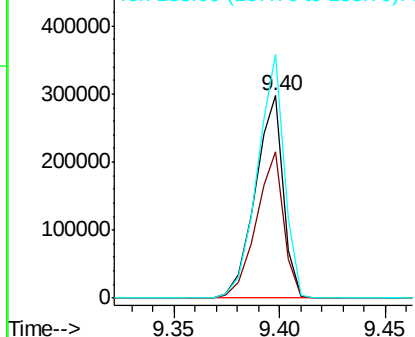


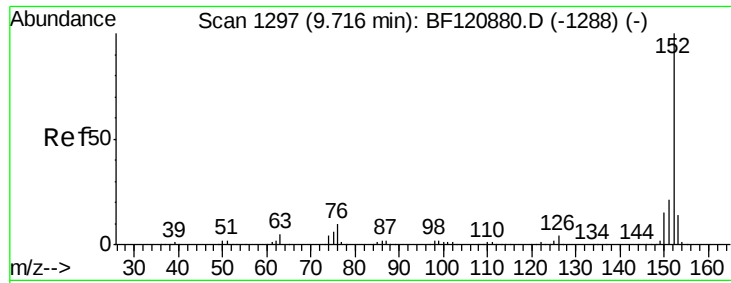
#48
 2-Nitroaniline
 Concen: 40.359 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.0	85.4
138	120.4	90.4	135.6



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





#49

Acenaphthylene

Concen: 38.407 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

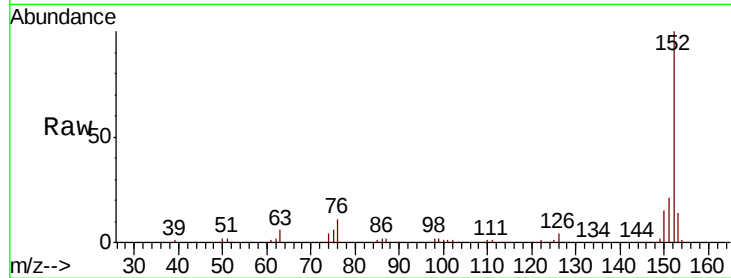
Tot Ion:152 Resp: 1335254

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

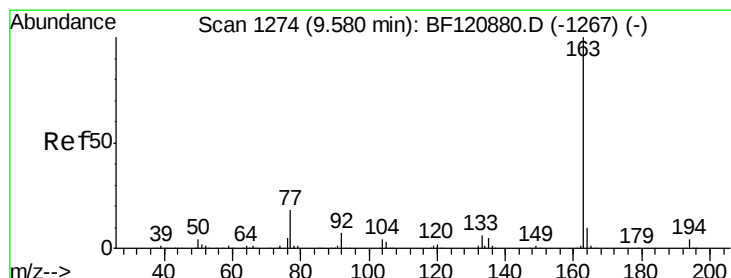
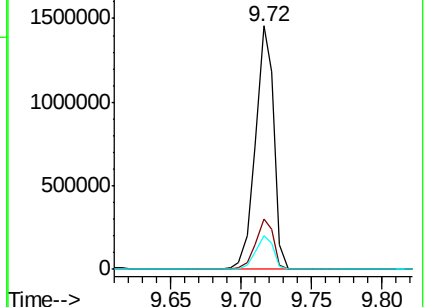
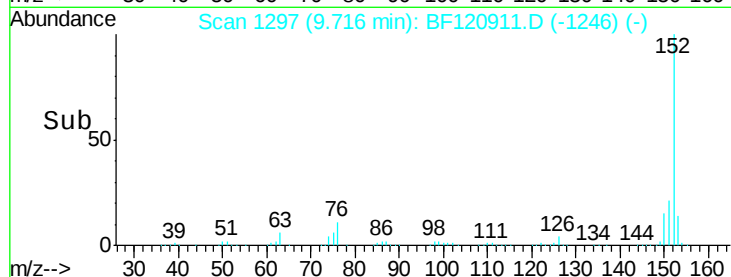
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.988 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

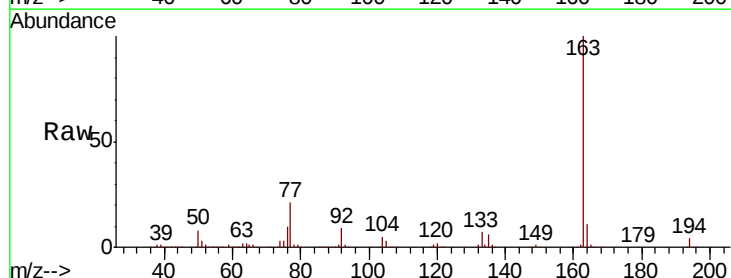
Tgt Ion:163 Resp: 986177

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

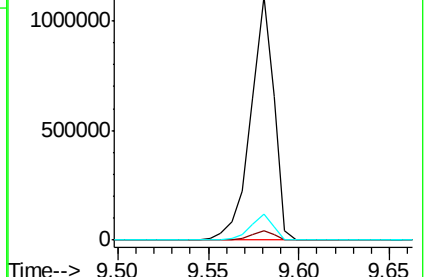
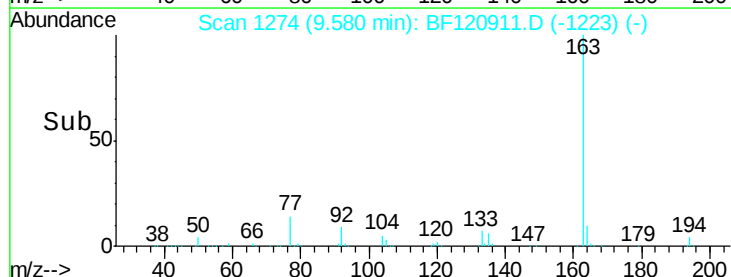
164 10.7 7.9 11.9

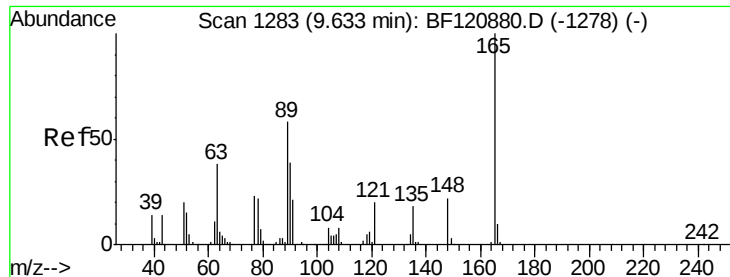


Abundance Ion 163.00 (162.70 to 163.70): E

1500000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

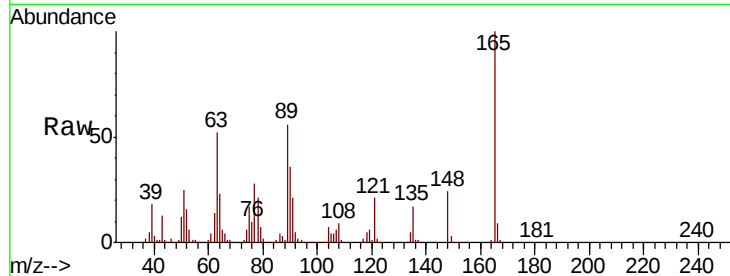




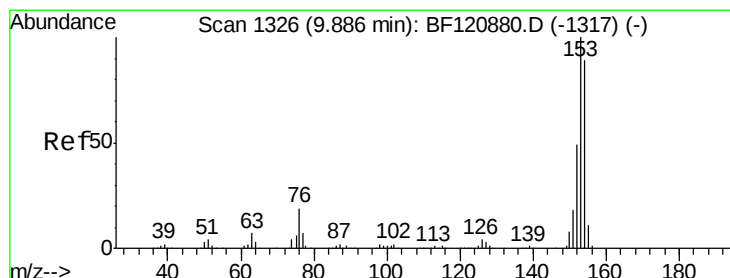
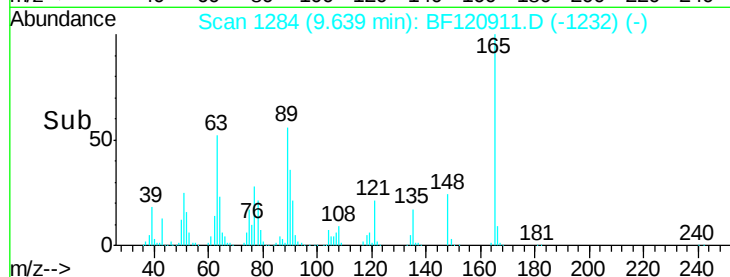
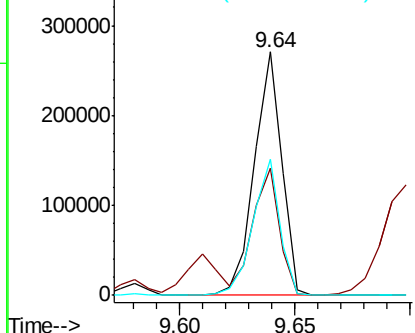
#51
2,6-Dinitrotoluene
Concen: 40.384 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 225234
Ion Ratio Lower Upper
165 100
63 52.2 45.4 68.2
89 55.8 47.0 70.4

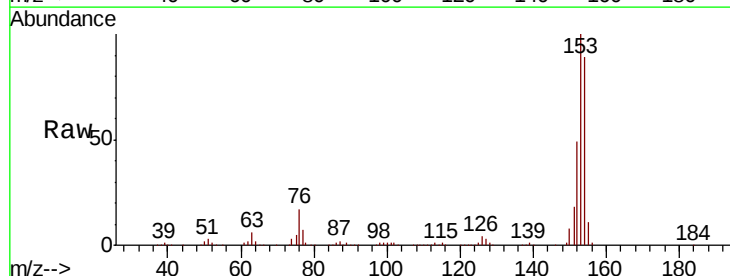


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

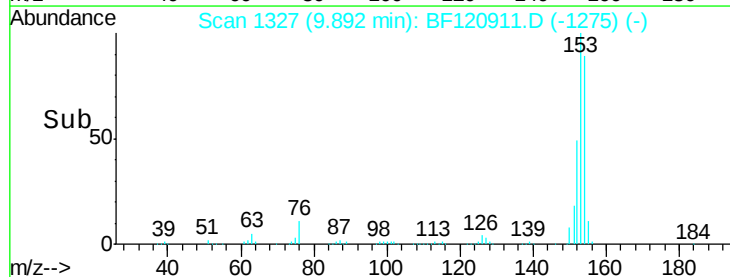
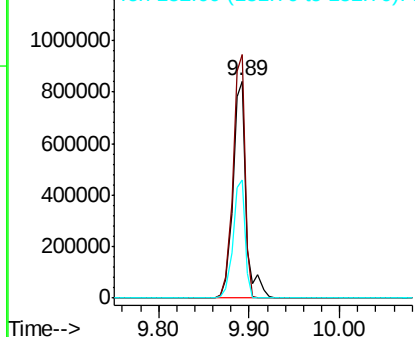


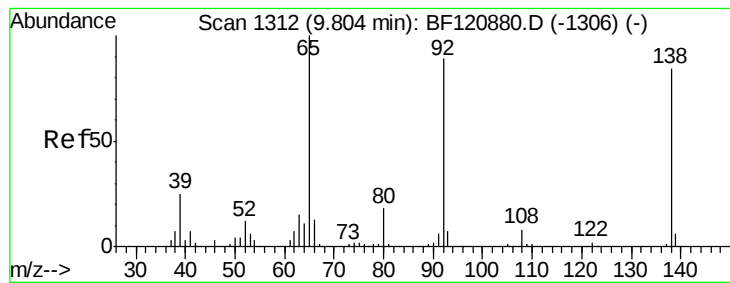
#52
Acenaphthene
Concen: 38.678 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:154 Resp: 854920
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 54.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.735 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

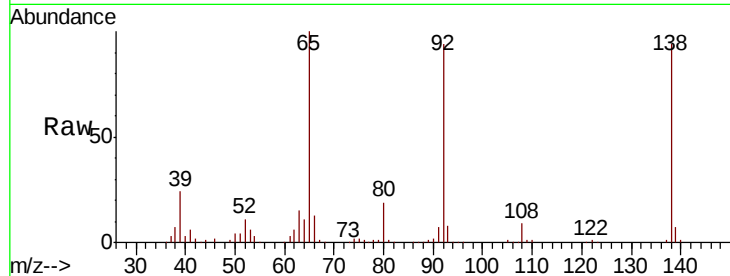
Tot Ion:138 Resp: 277945

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

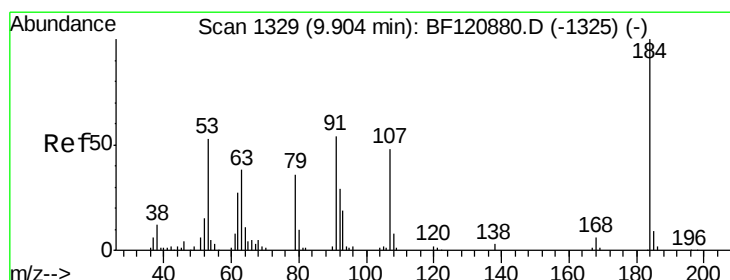
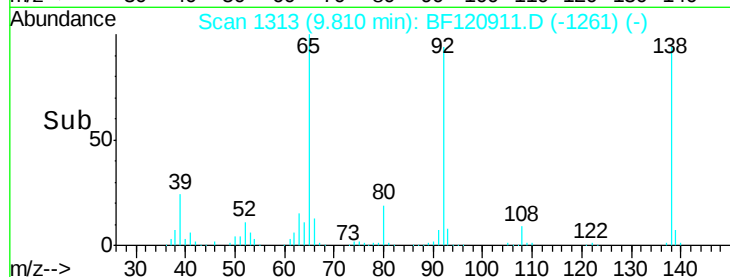
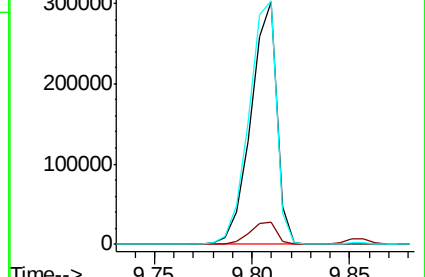
92 100.3 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 40.326 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

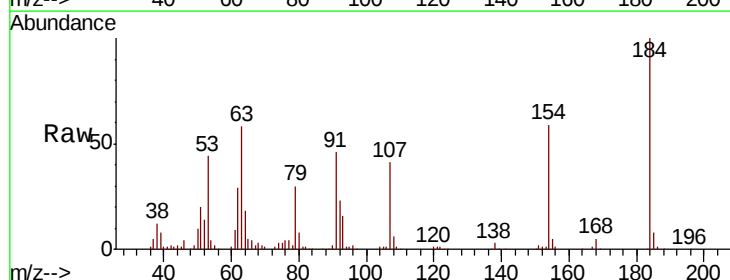
Tgt Ion:184 Resp: 117565

Ion Ratio Lower Upper

184 100

63 58.3 57.9 86.9

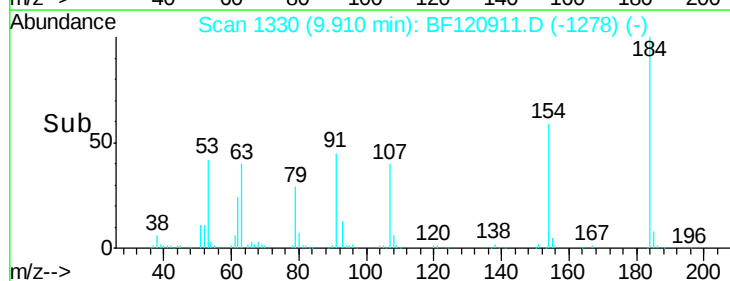
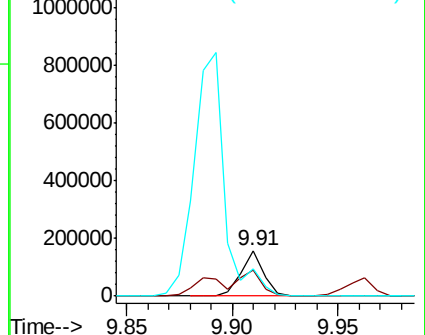
154 58.8 52.6 78.8

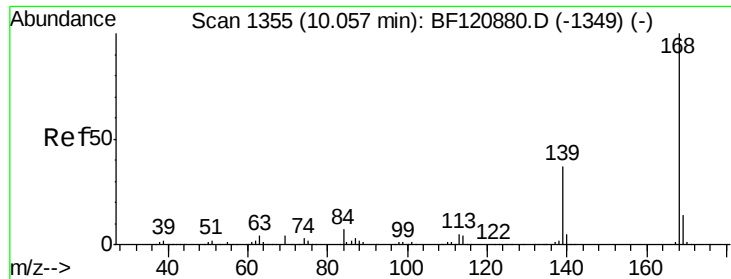


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

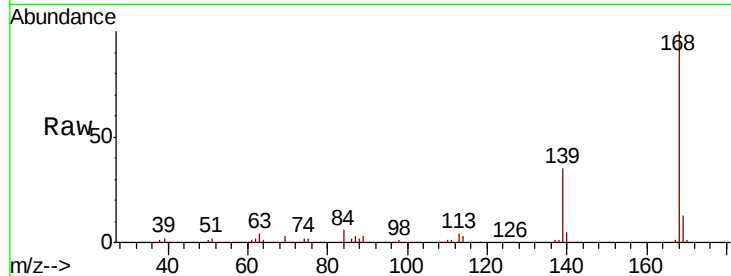




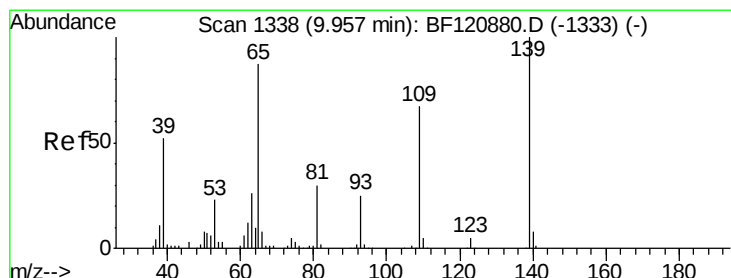
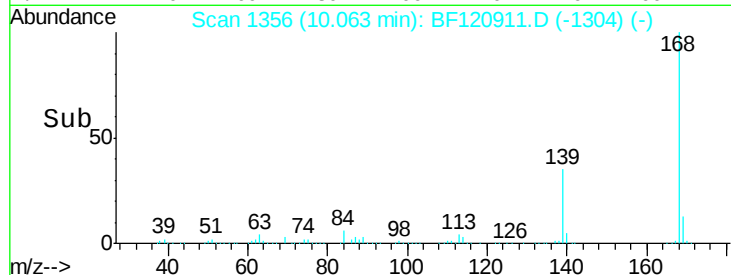
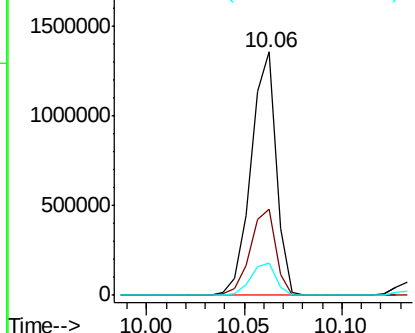
#55
Dibenzenofuran
Concen: 37.958 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1213279
Ion Ratio Lower Upper
168 100
139 35.2 29.7 44.5
169 13.4 11.1 16.7

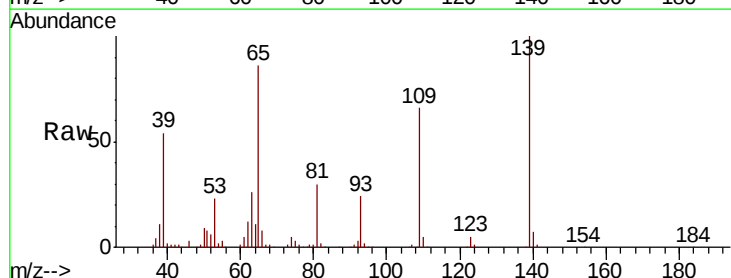


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

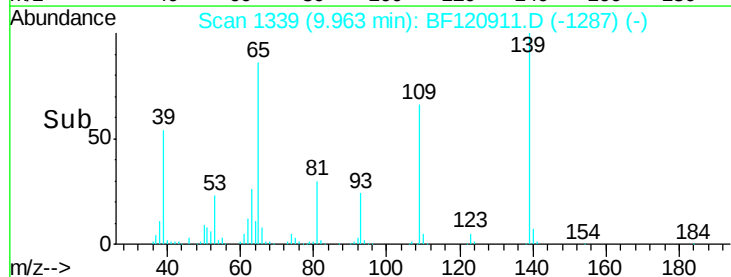
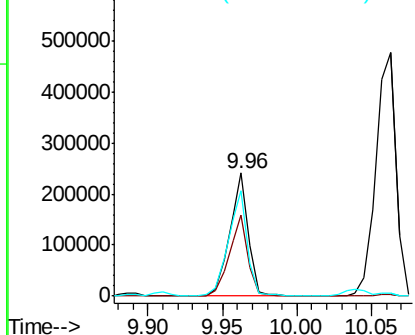


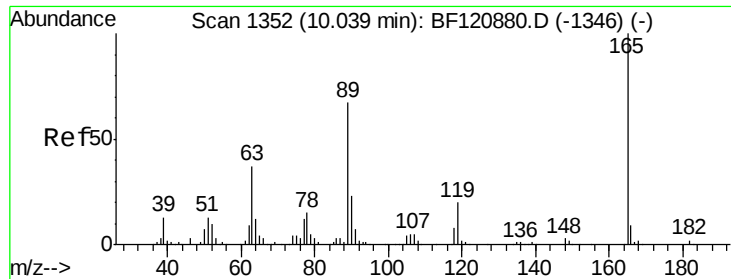
#56
4-Nitrophenol
Concen: 40.091 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:139 Resp: 213024
Ion Ratio Lower Upper
139 100
109 66.0 47.3 87.3
65 85.8 67.2 107.2



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

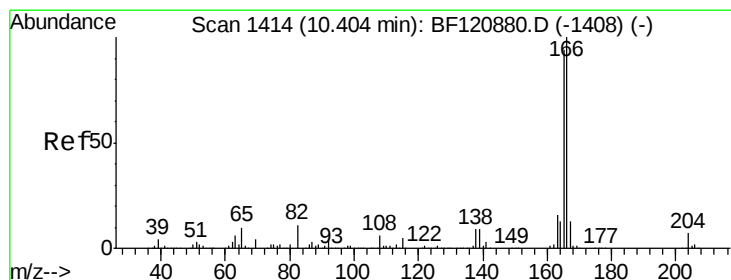
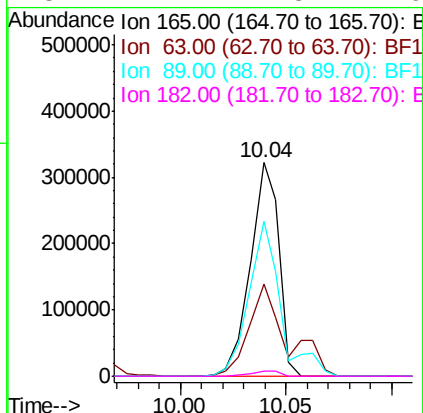
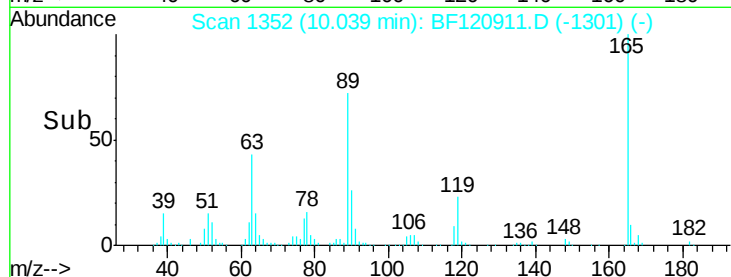
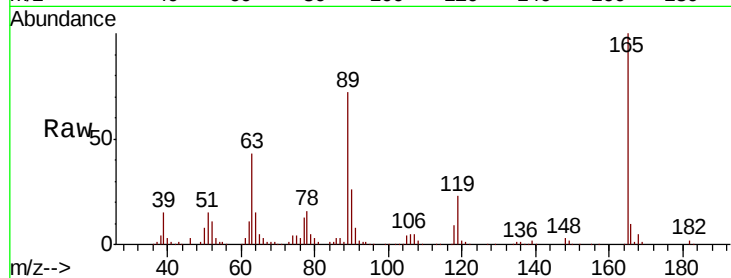




#57
2,4-Dinitrotoluene
Concen: 41.228 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

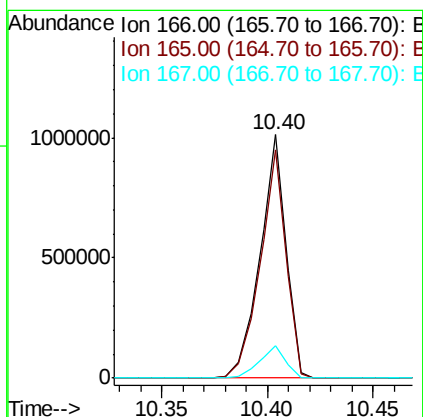
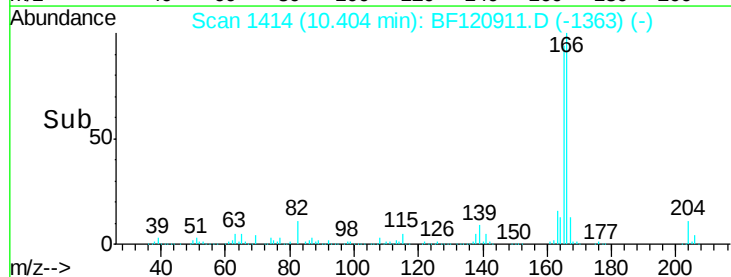
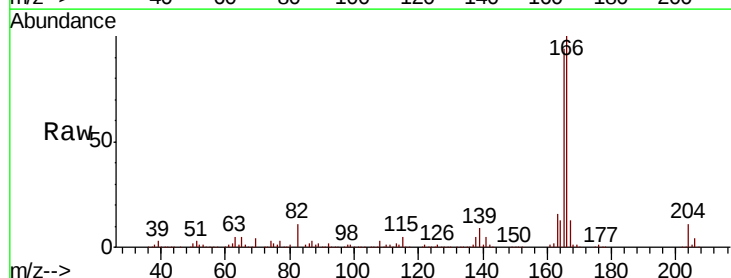
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	301964
Ion Ratio	Lower	Upper
165	100	
63	42.9	29.4 44.2
89	72.4	53.4 80.0
182	2.4	1.8 2.6



#58
Fluorene
Concen: 36.205 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:166	Resp:	863114
Ion Ratio	Lower	Upper
166	100	
165	93.8	75.4 113.0
167	13.4	10.6 15.8

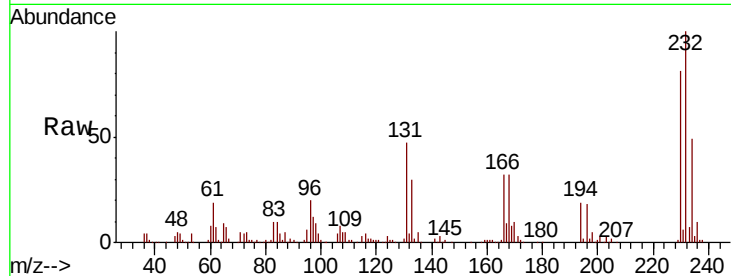




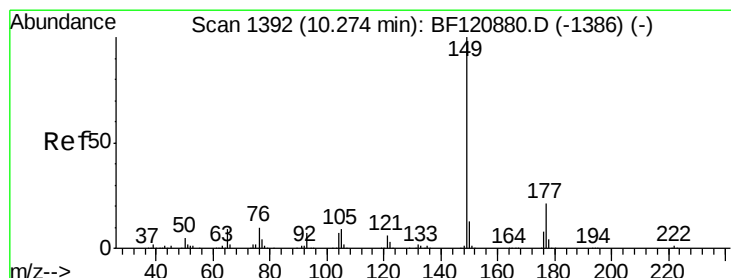
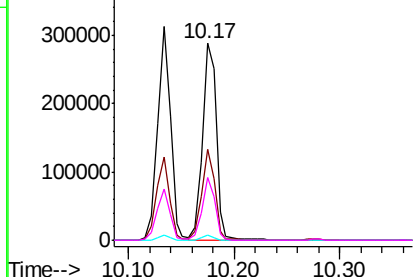
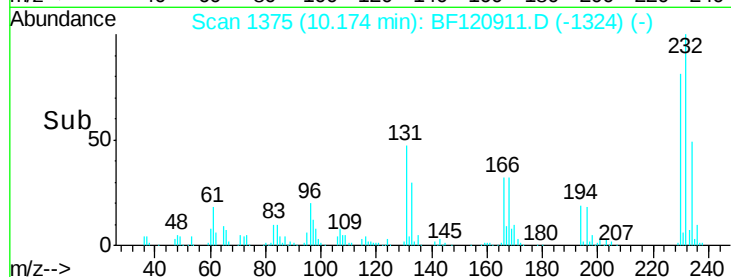
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.787 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 260031
 Ion Ratio Lower Upper
 232 100
 131 43.3 37.1 55.7
 130 2.2 1.7 2.5
 166 29.3 24.2 36.4

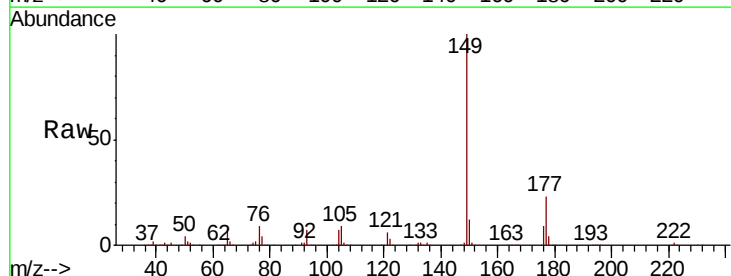


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

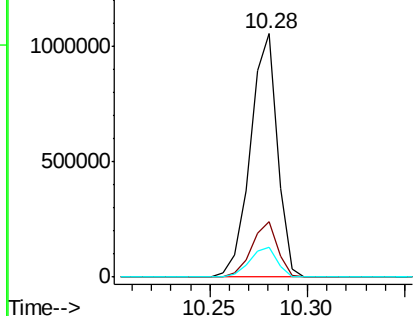
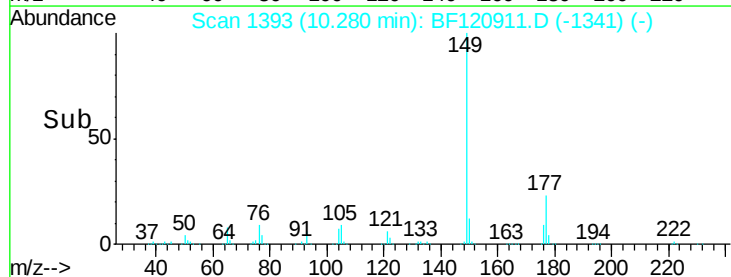


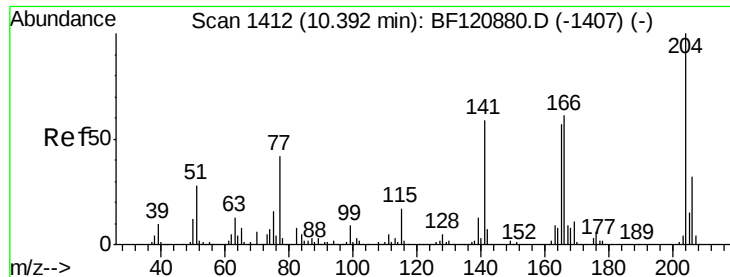
#60
 Diethylphthalate
 Concen: 38.419 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:149 Resp: 1008820
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.1 25.7
 150 12.4 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

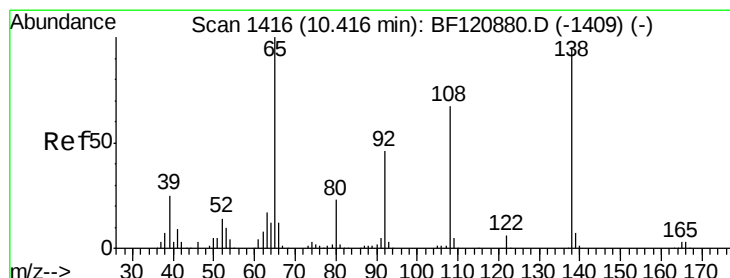
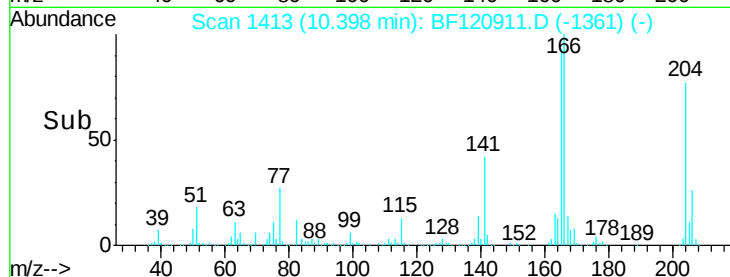
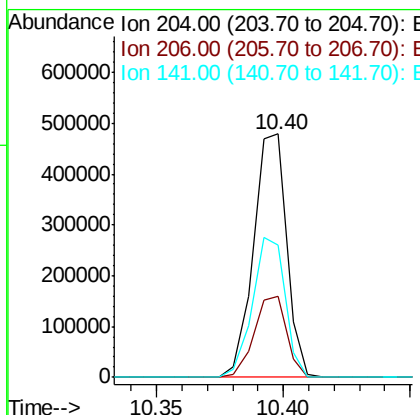
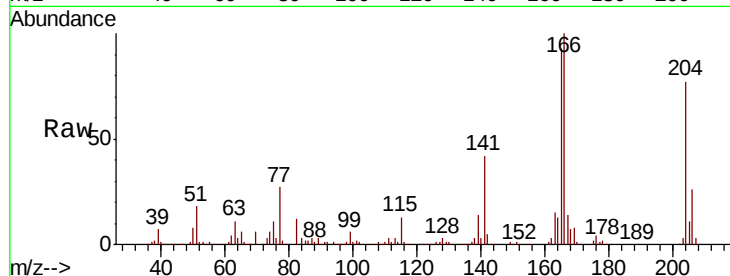




#61
 4-Chlorophenyl-phenylether
 Concen: 34.594 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

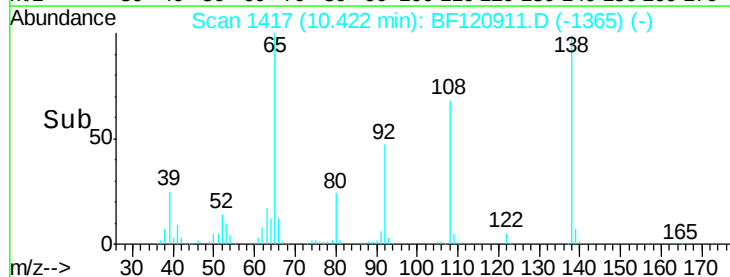
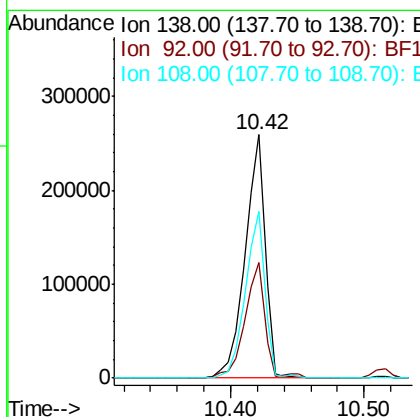
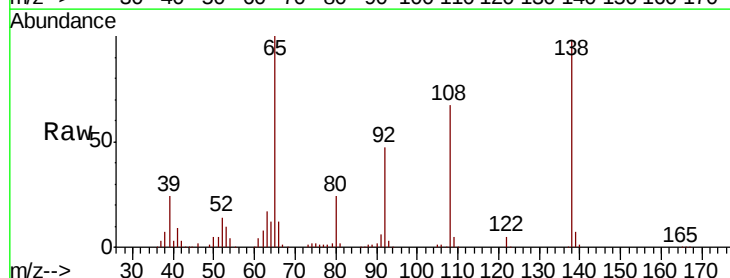
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

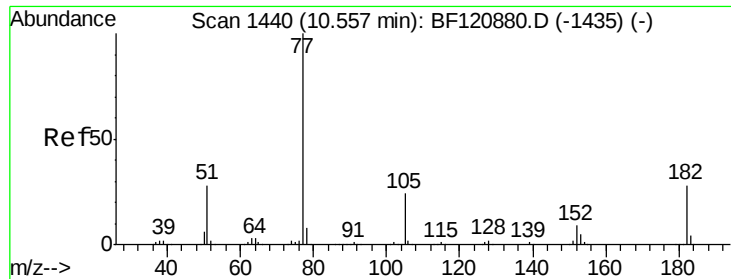
Tot Ion:204 Resp: 439870
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.9 38.9
 141 54.2 47.2 70.8



#62
 4-Nitroaniline
 Concen: 39.374 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:138 Resp: 268285
 Ion Ratio Lower Upper
 138 100
 92 47.6 28.6 68.6
 108 68.6 51.1 91.1





#63

Azobenzene

Concen: 37.586 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 939591

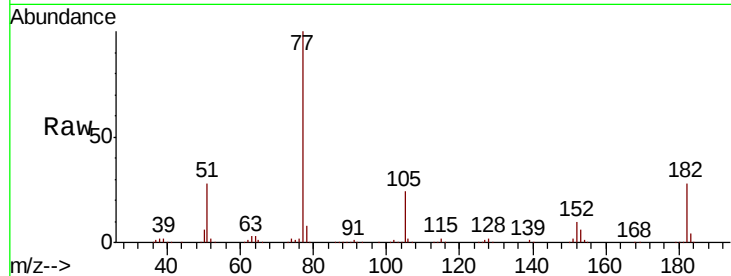
Ion Ratio Lower Upper

77 100

182 27.5 7.8 47.8

105 24.1 4.4 44.4

51 28.0 8.0 48.0

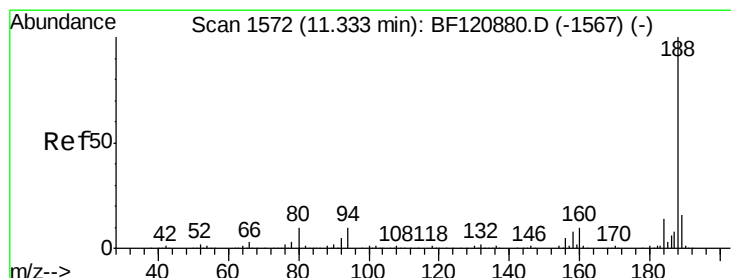
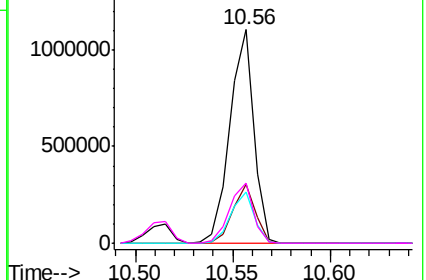
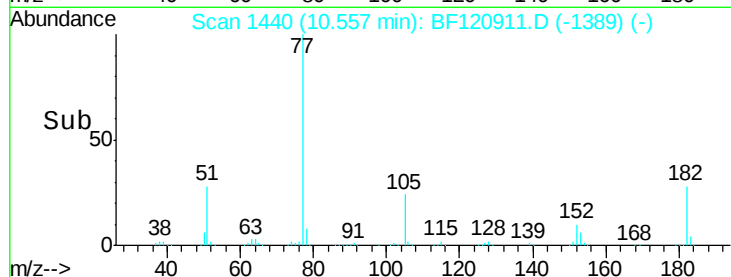


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

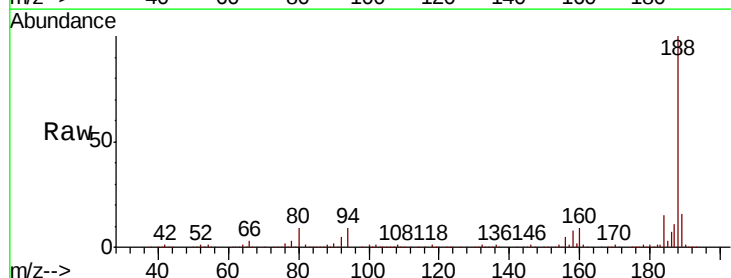
Tgt Ion: 188 Resp: 676099

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

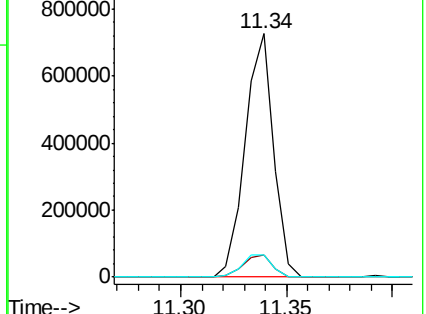
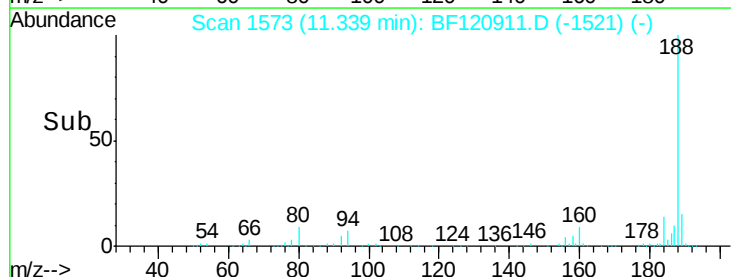
80 9.1 8.3 12.5



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

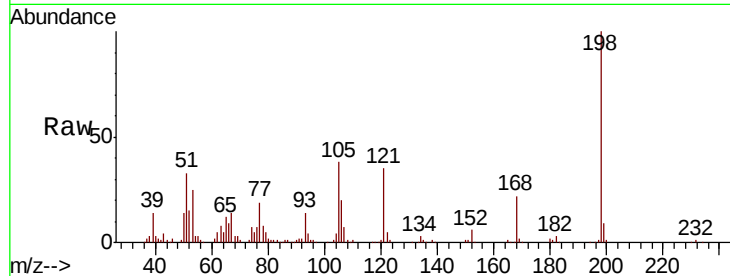




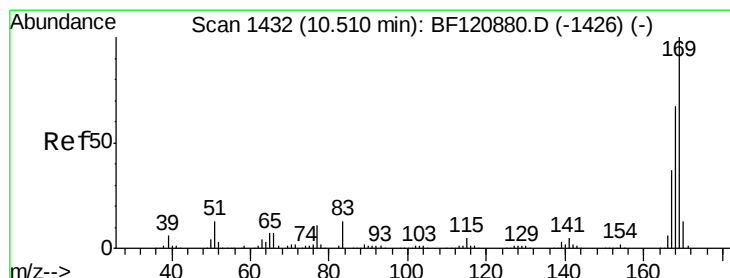
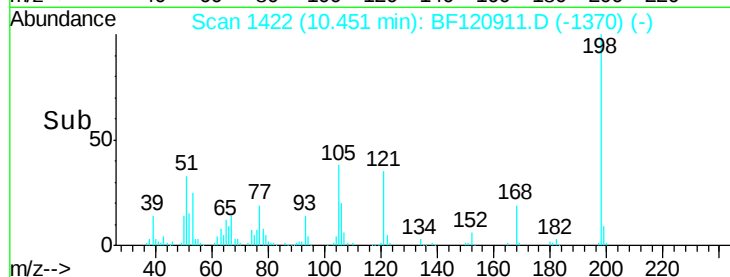
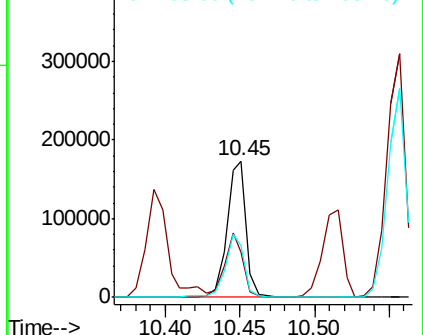
#65
4,6-Dinitro-2-methylphenol
Concen: 40.760 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 157028
Ion Ratio Lower Upper
198 100
51 33.1 19.5 59.5
105 38.2 24.4 64.4

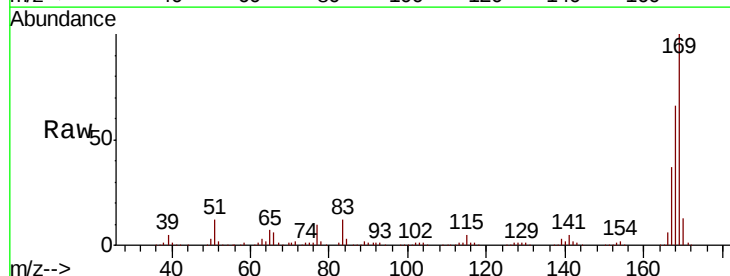


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

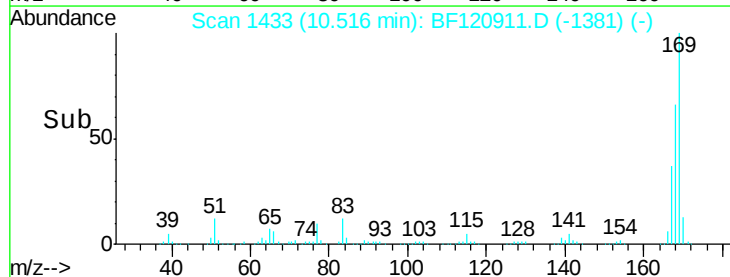
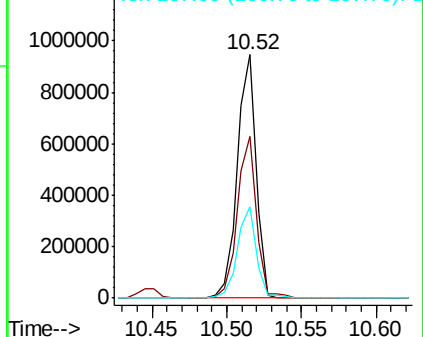


#66
n-Nitrosodiphenylamine
Concen: 39.459 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:169 Resp: 839241
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 37.3 29.4 44.0



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

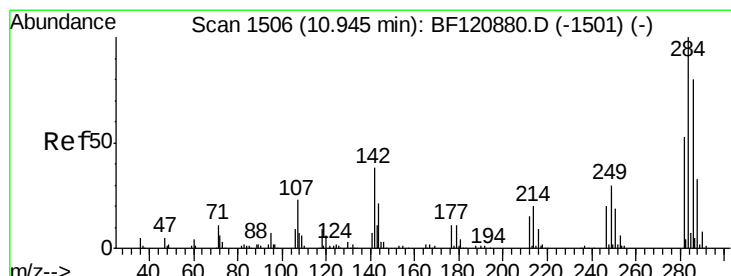
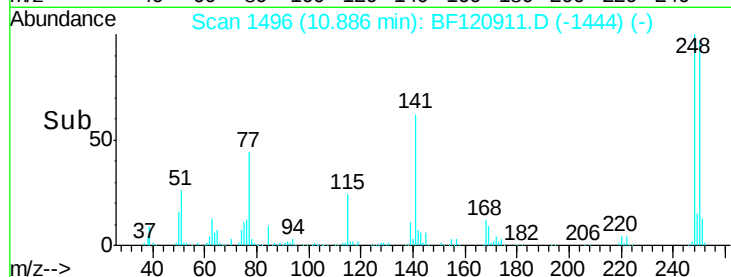
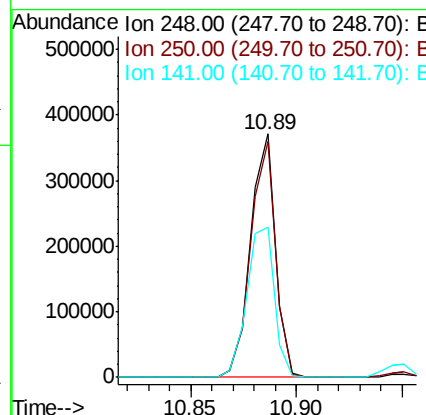
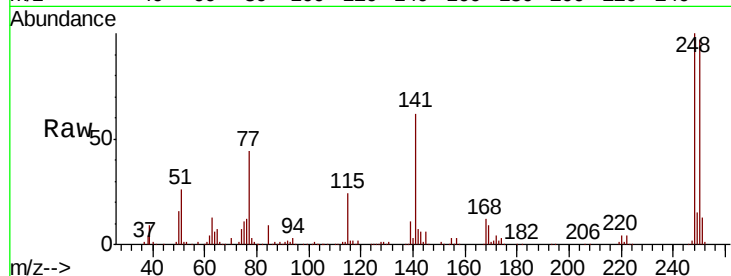




#67
 4-Bromophenyl-phenylether
 Concen: 40.402 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

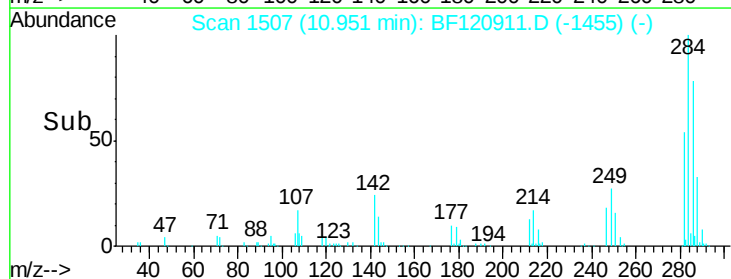
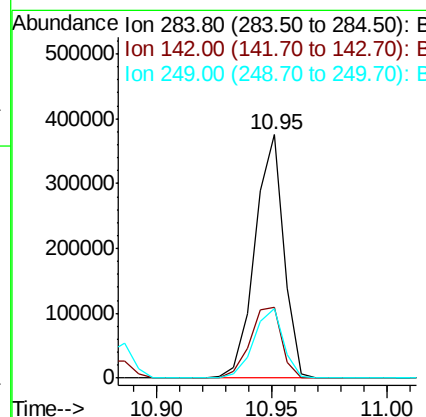
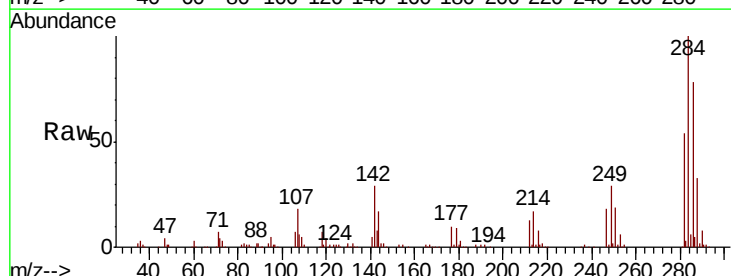
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

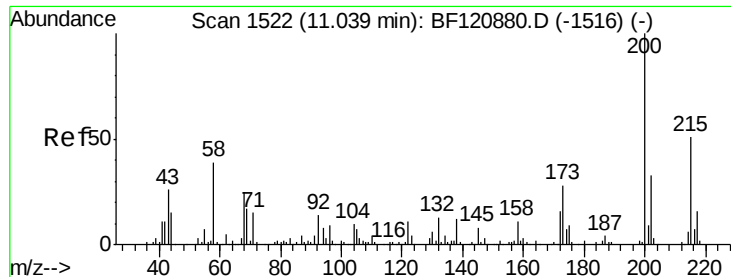
Tot Ion:248 Resp: 304548
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 61.8 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 40.203 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:284 Resp: 327817
 Ion Ratio Lower Upper
 284 100
 142 29.1 30.2 45.2#
 249 28.6 24.2 36.2

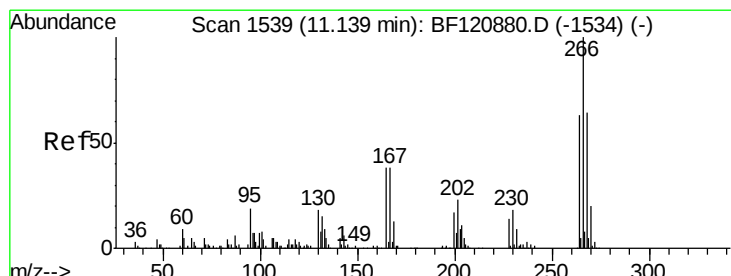
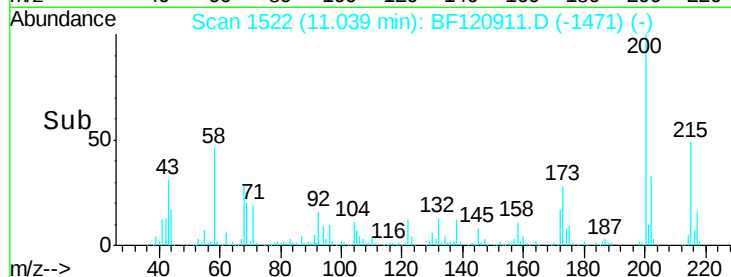
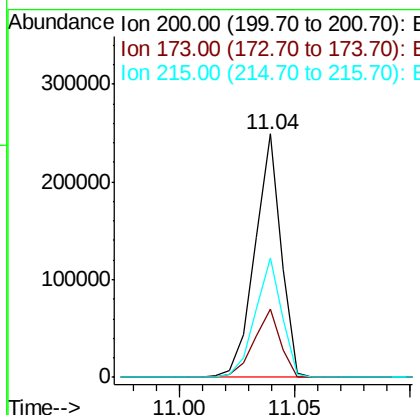
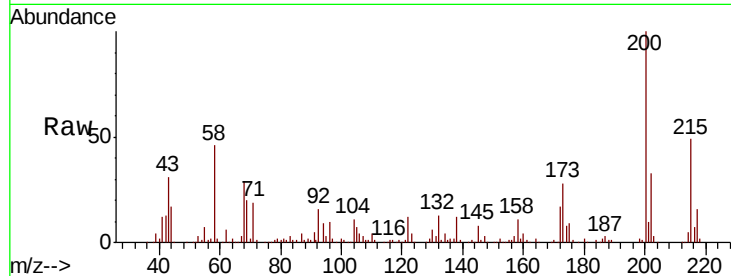




#69
Atrazine
Concen: 37.492 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

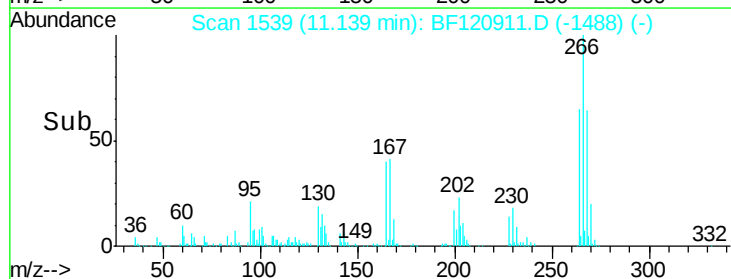
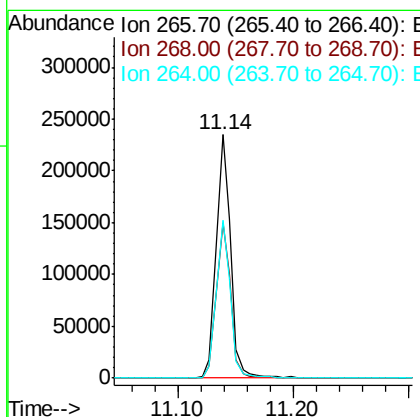
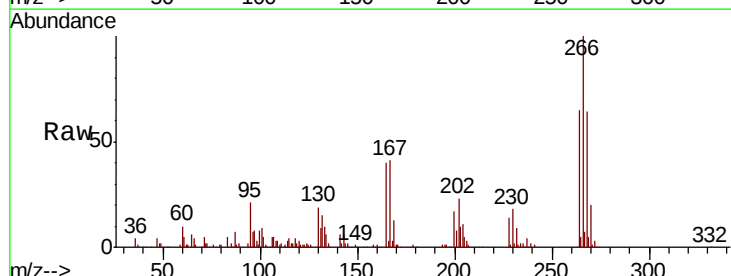
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

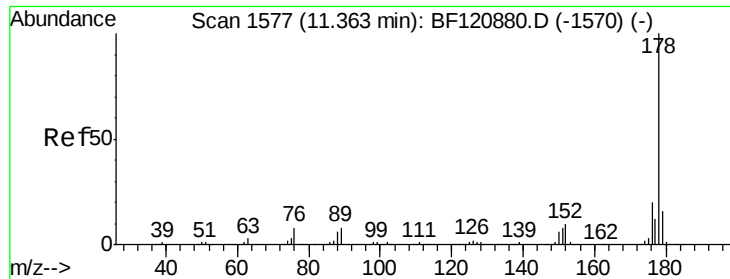
Tot Ion:200 Resp: 197482
Ion Ratio Lower Upper
200 100
173 28.2 8.0 48.0
215 49.0 31.5 71.5



#70
Pentachlorophenol
Concen: 43.325 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:266 Resp: 202385
Ion Ratio Lower Upper
266 100
268 63.8 51.1 76.7
264 64.8 50.2 75.2





#71

Phenanthrene

Concen: 38.127 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

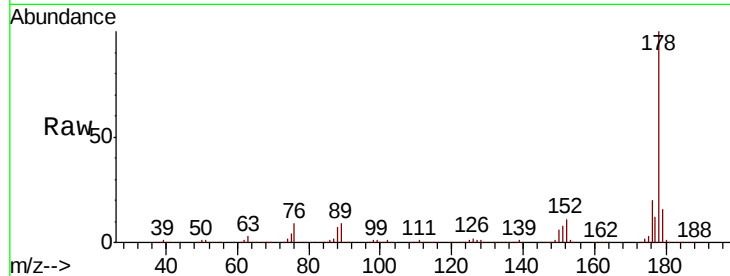
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1325742

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.1	12.8	19.2

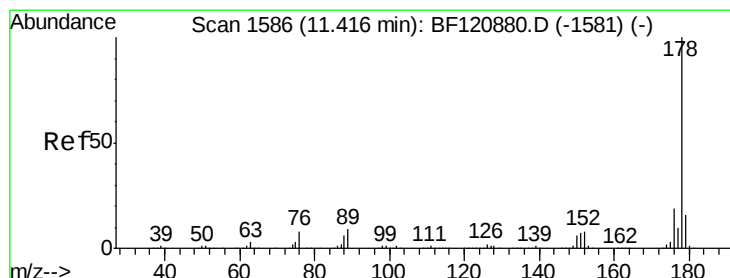
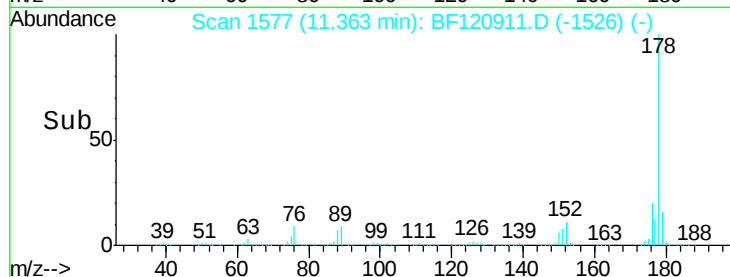
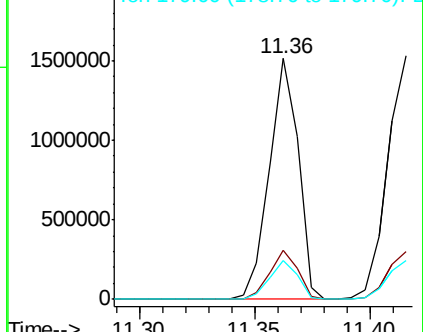


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.647 ng

RT: 11.42 min Scan# 1586

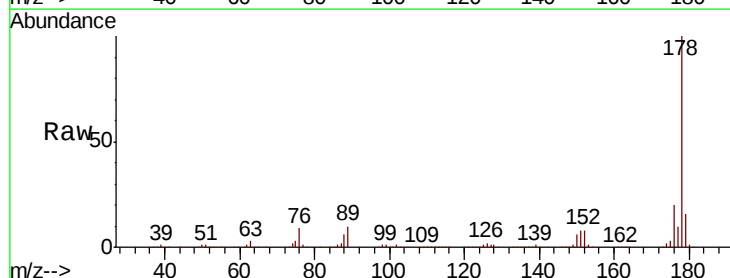
Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Tgt Ion:178 Resp: 1349419

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.0	12.8	19.2

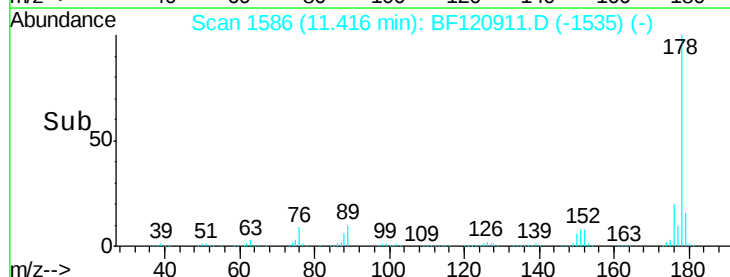
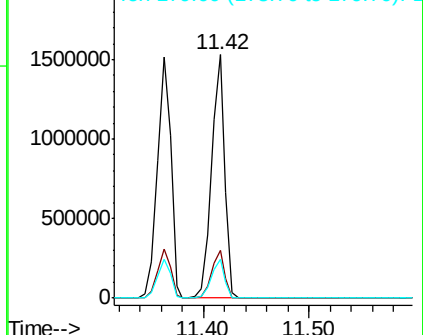


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

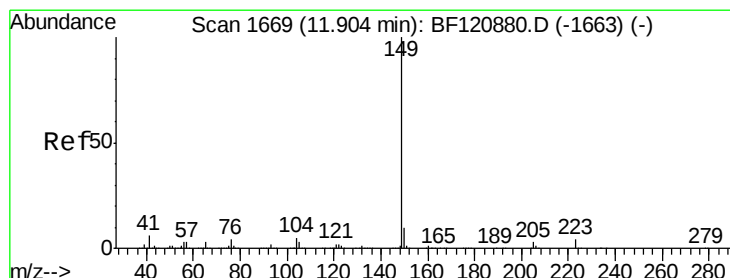
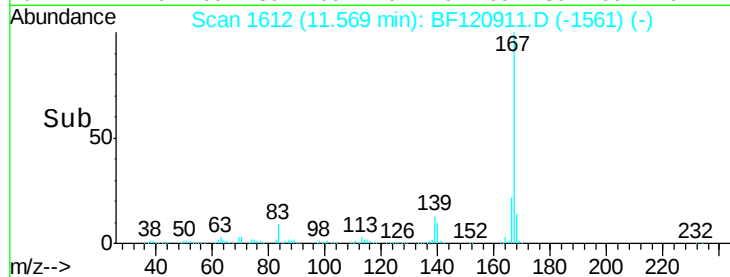
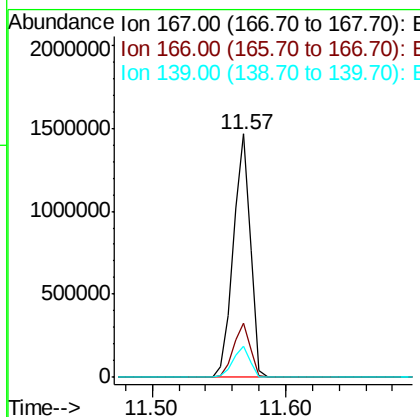
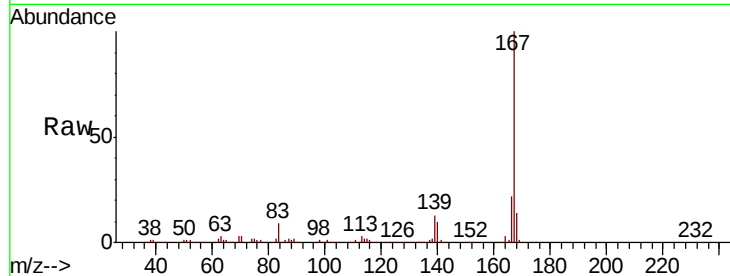




#73
 Carbazole
 Concen: 38.339 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

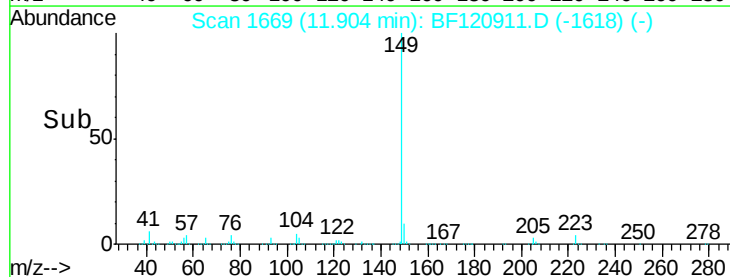
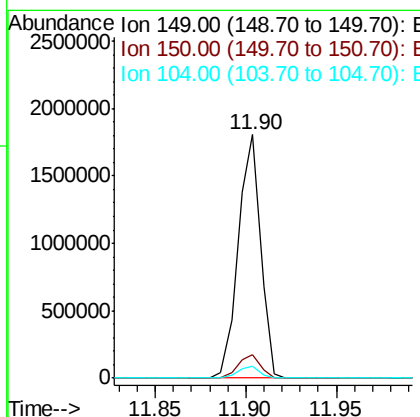
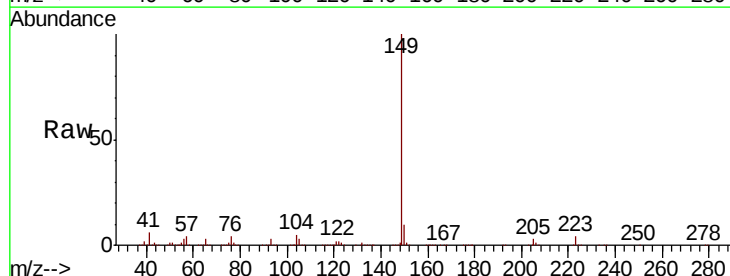
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1328473
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 38.642 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:149 Resp: 1545193
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.8 3.8 5.6

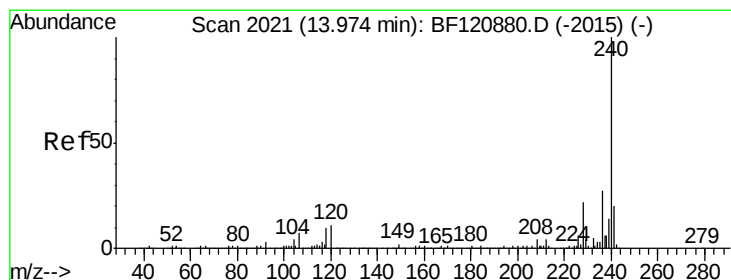
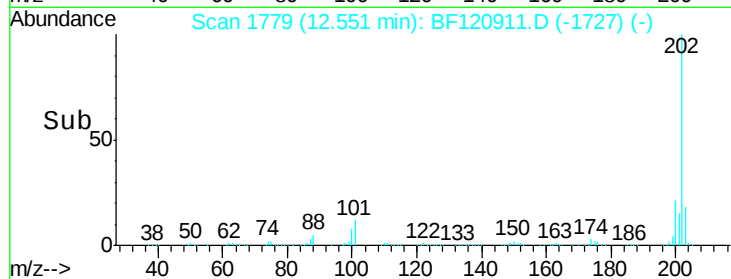
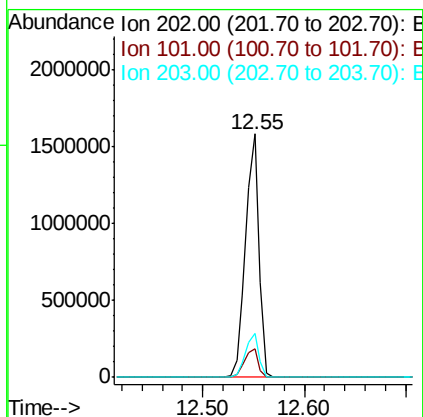
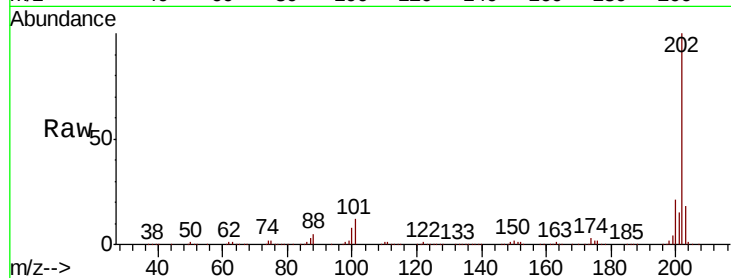




#75
 Fluoranthene
 Concen: 38.049 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

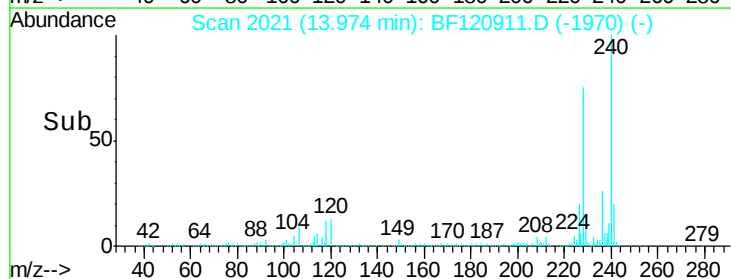
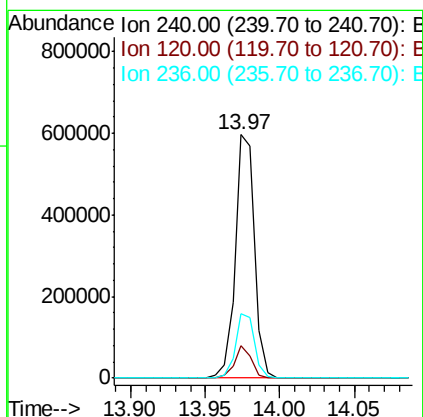
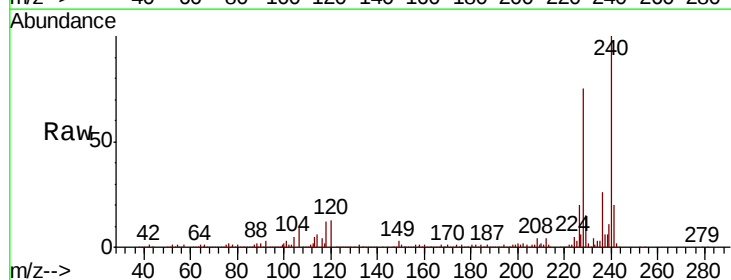
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

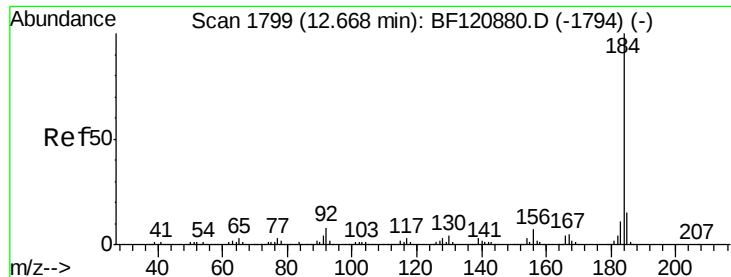
Tot Ion:202 Resp: 1466483
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.7
 203 18.3 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:240 Resp: 539182
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.0 13.4
 236 26.4 21.7 32.5





#77

Benzidine

Concen: 43.038 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

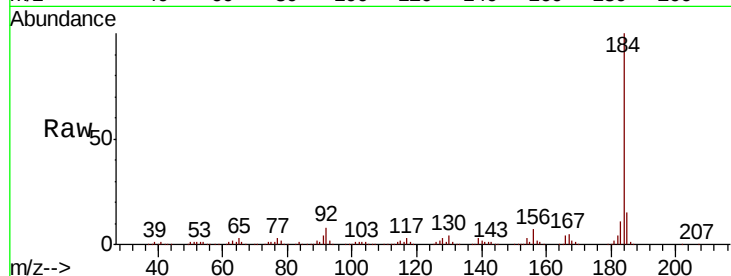
Tot Ion:184 Resp: 610107

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

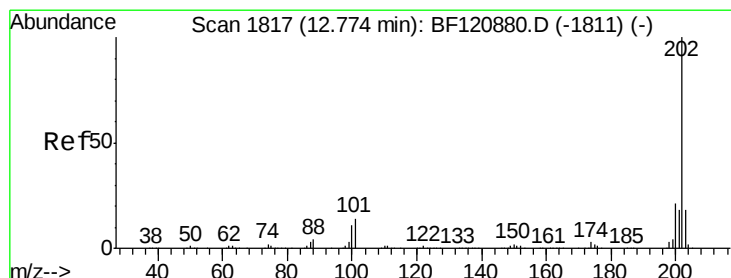
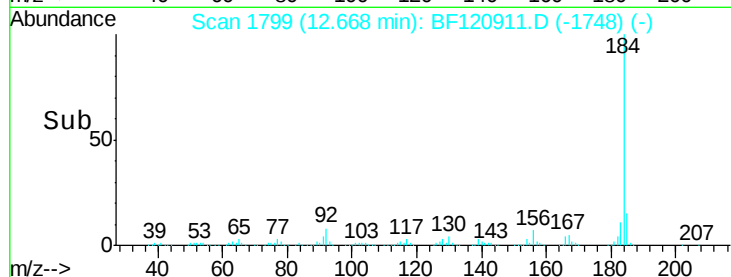
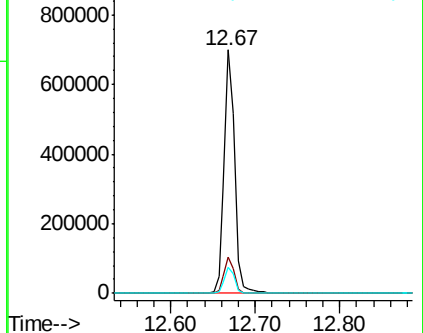
183 10.7 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.178 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

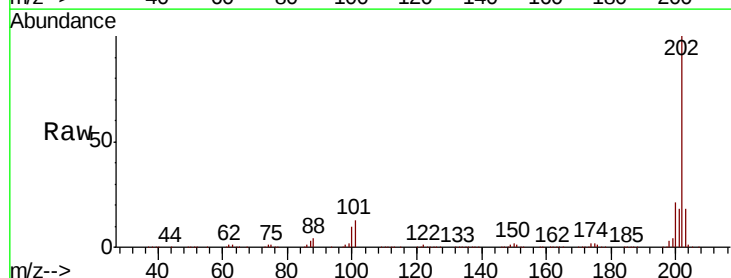
Tgt Ion:202 Resp: 1531582

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

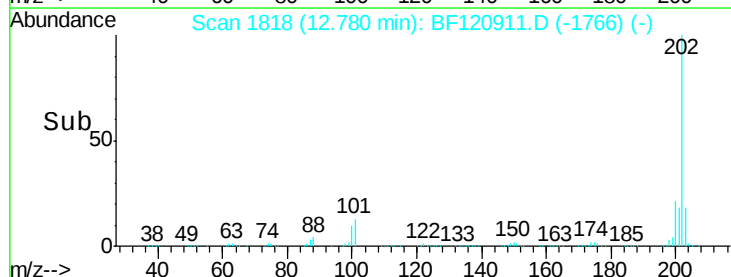
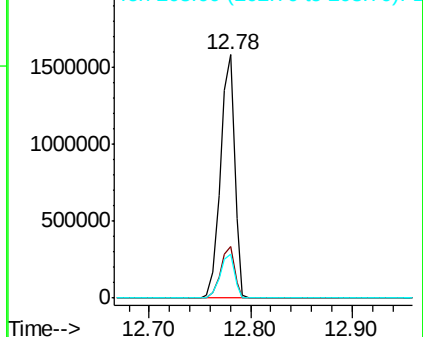
203 17.9 14.4 21.6



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: 71.584 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

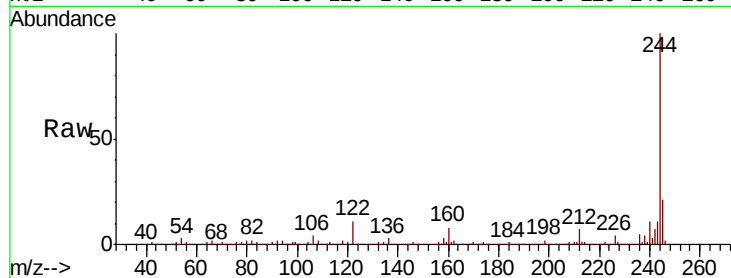
Tot Ion:244 Resp: 1775550

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

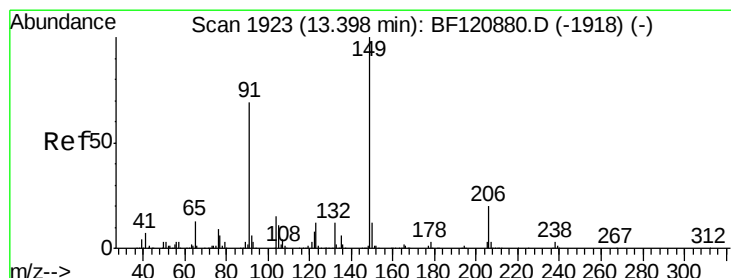
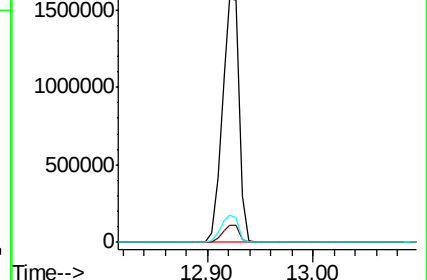
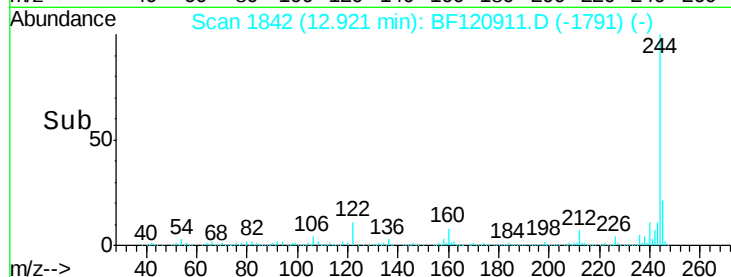
122 11.2 8.9 13.3



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: 40.982 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

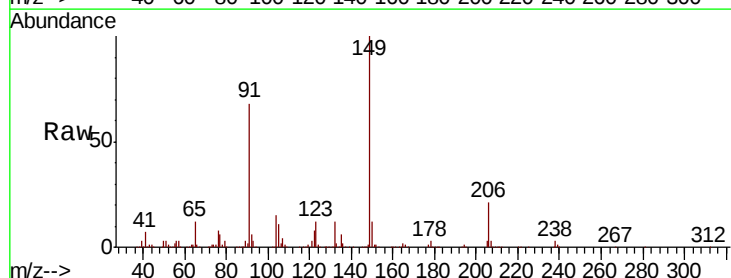
Tgt Ion:149 Resp: 696428

Ion Ratio Lower Upper

149 100

91 68.2 55.1 82.7

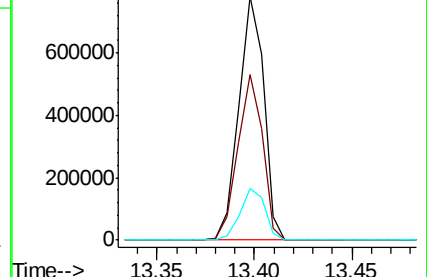
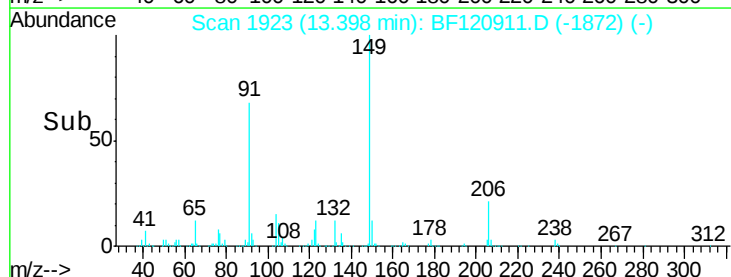
206 21.0 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.333 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

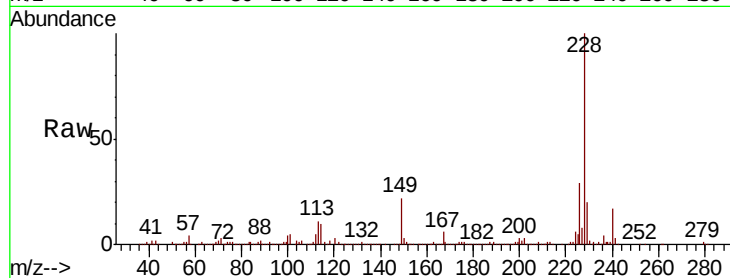
Tot Ion:228 Resp: 1251579

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

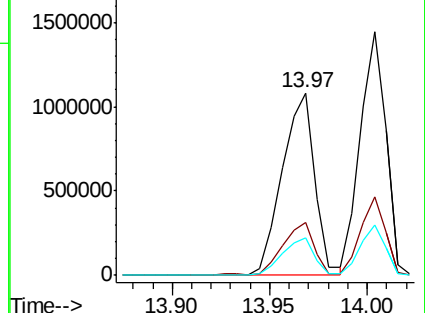
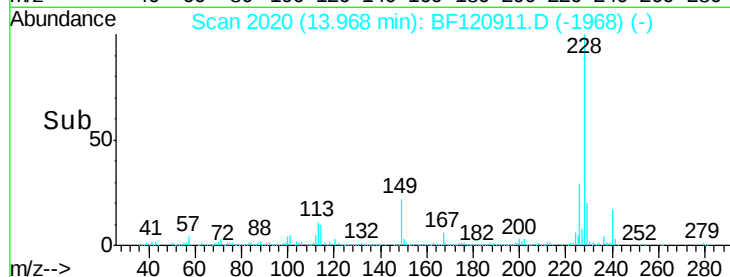
229 20.3 16.1 24.1



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: 41.368 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

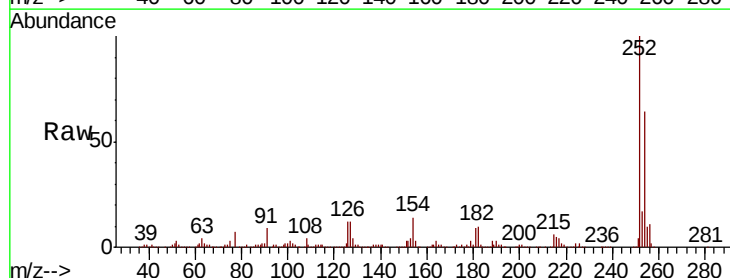
Tgt Ion:252 Resp: 509570

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

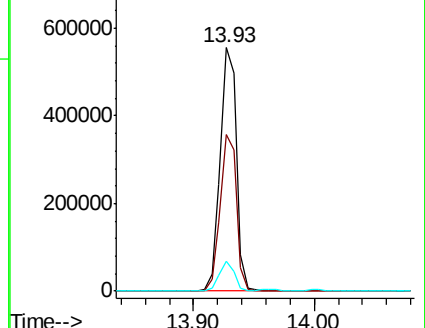
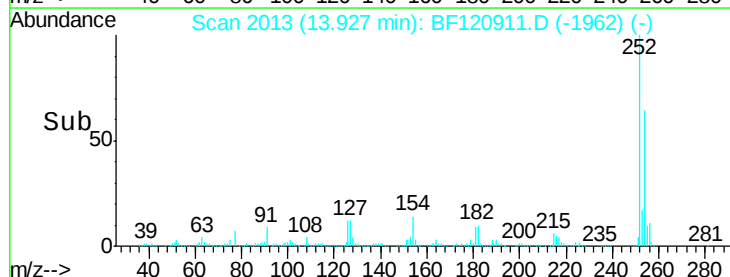
126 12.3 8.7 13.1

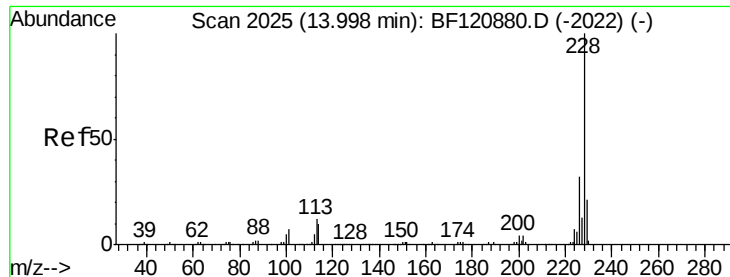


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.583 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

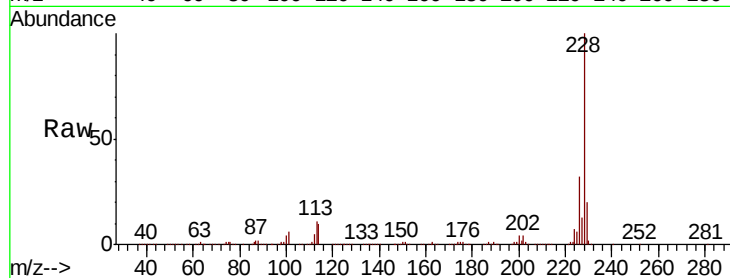
Tot Ion:228 Resp: 1323840

Ion Ratio Lower Upper

228 100

226 32.1 25.6 38.4

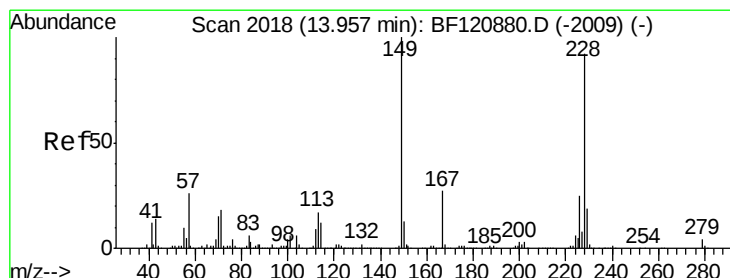
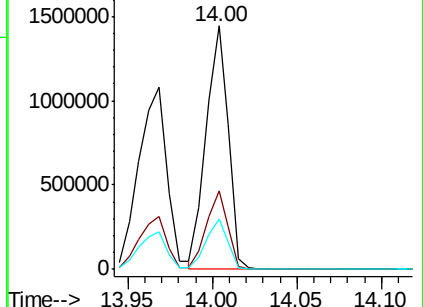
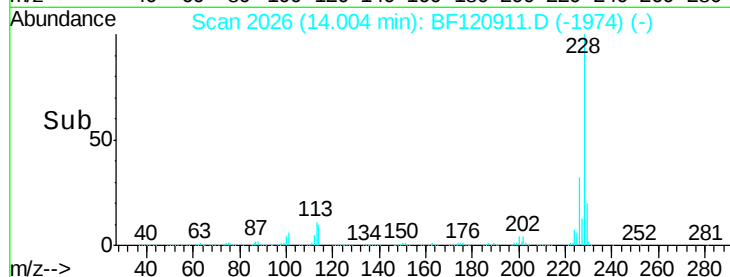
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.047 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120911.D

Acq: 17 Jul 2020 9:13

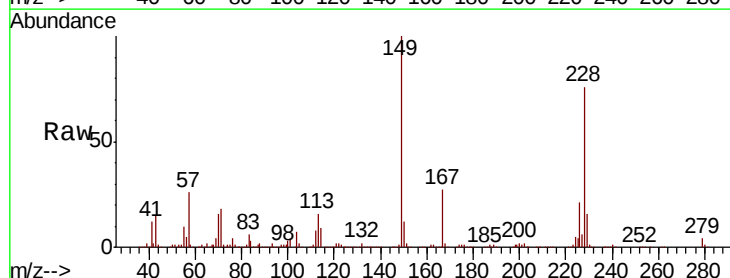
Tgt Ion:149 Resp: 818224

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

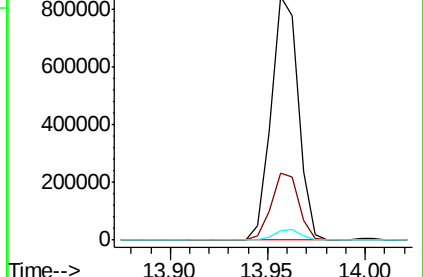
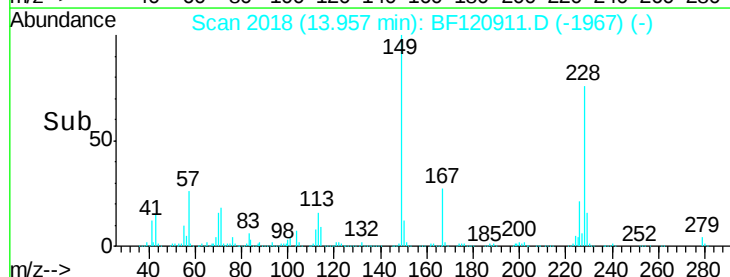
279 3.6 3.0 4.4

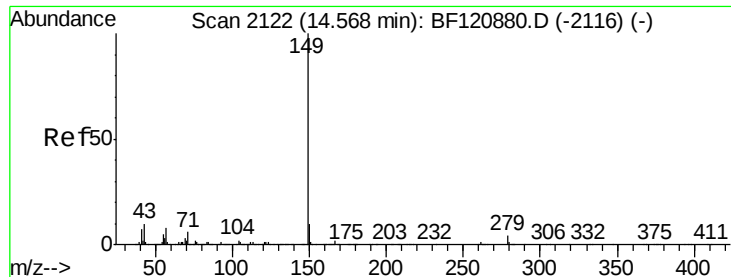


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

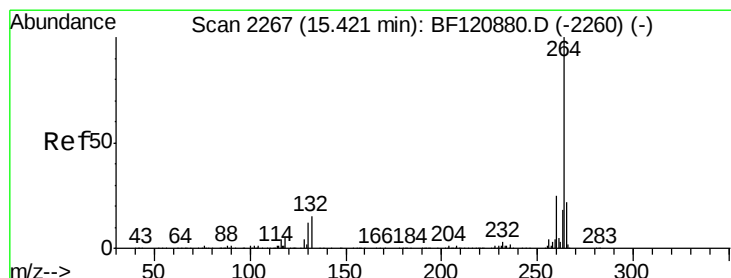
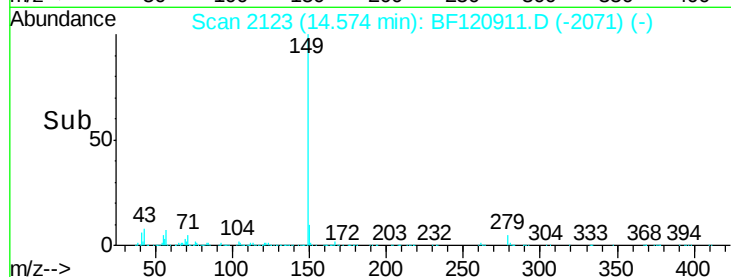
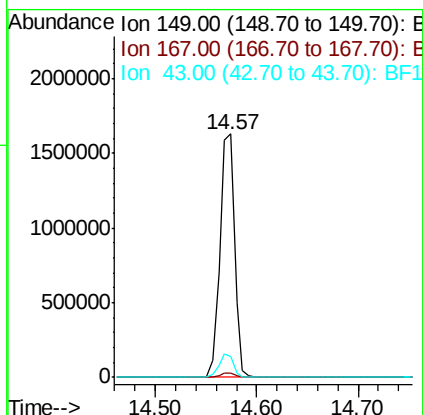
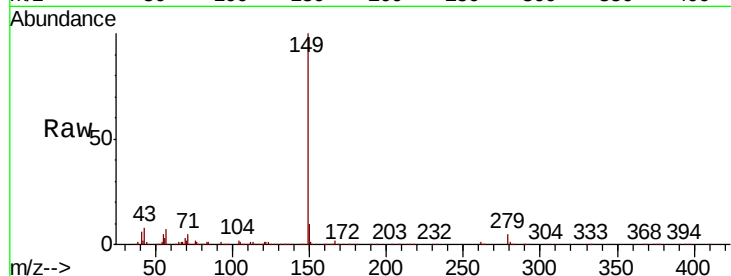




#85
Di-n-octyl phthalate
Concen: 39.103 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

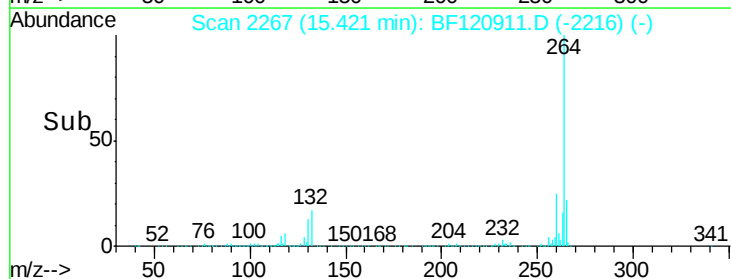
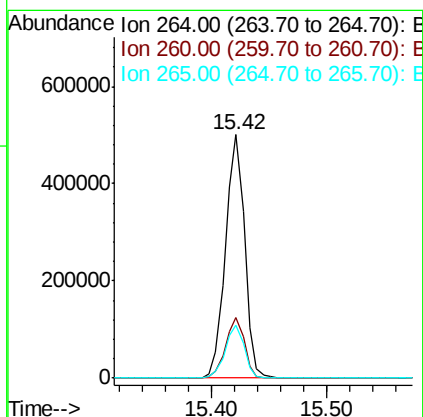
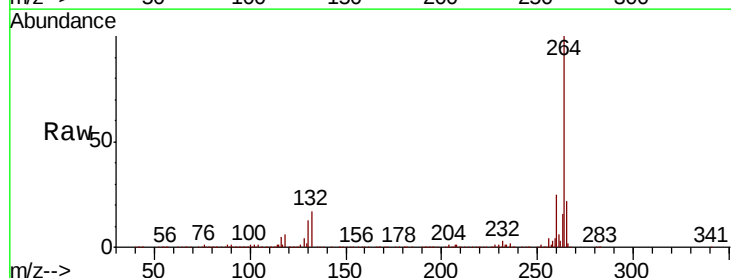
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

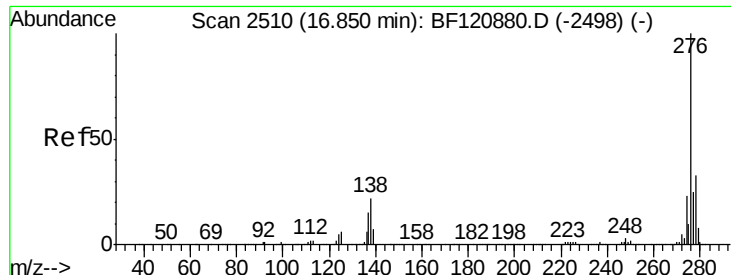
Tot Ion:149 Resp: 1630227
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:264 Resp: 574527
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.7 17.4 26.2

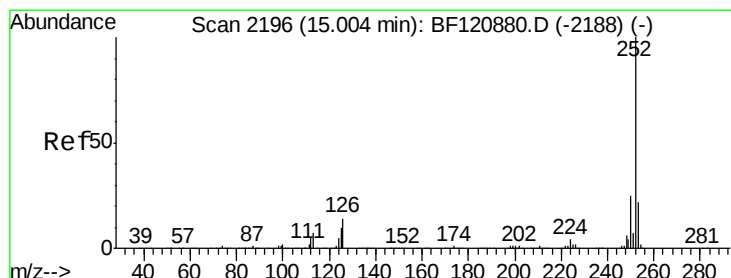
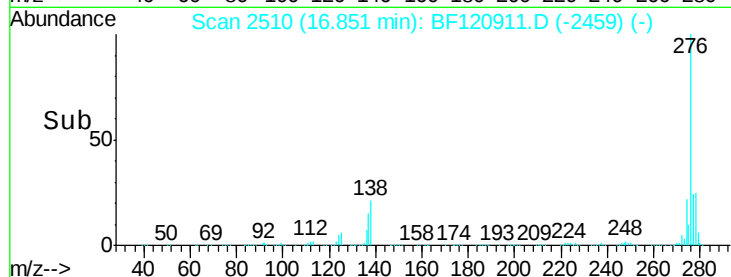
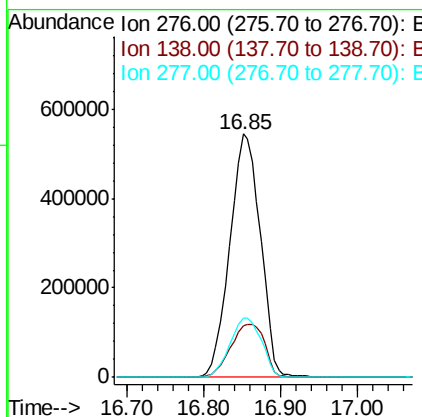
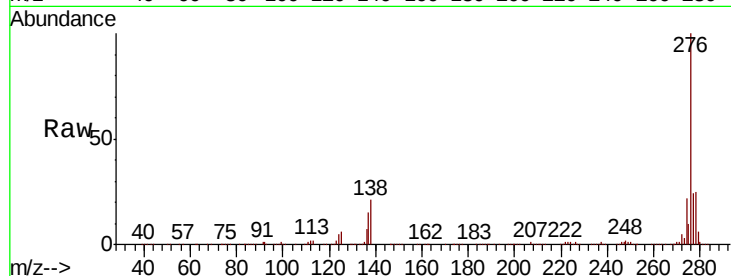




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.889 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

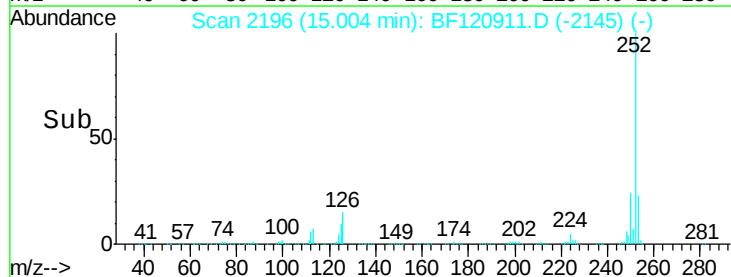
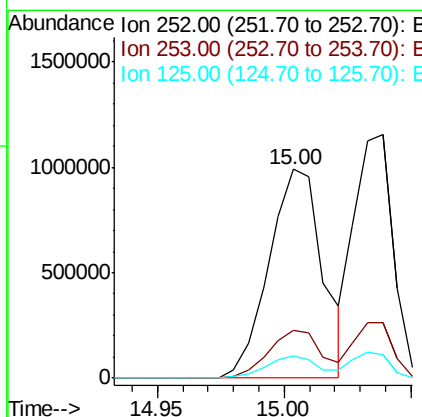
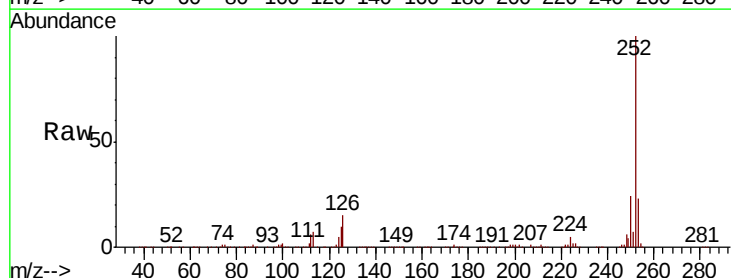
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

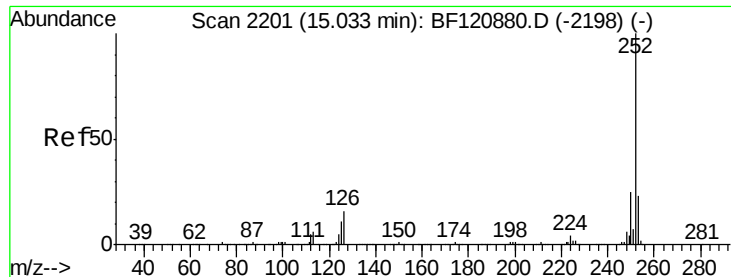
Tot Ion:276 Resp: 1513881
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.125 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120911.D
 Acq: 17 Jul 2020 9:13

Tgt Ion:252 Resp: 1462909
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.0 27.0
 125 10.5 8.3 12.5

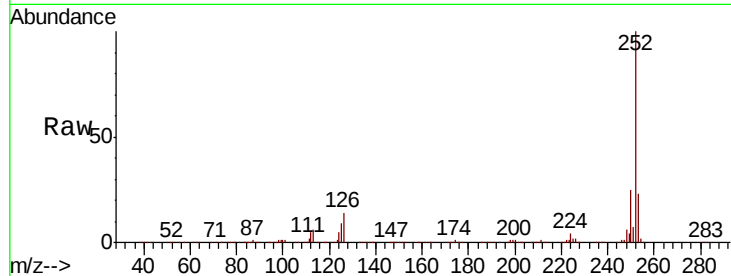




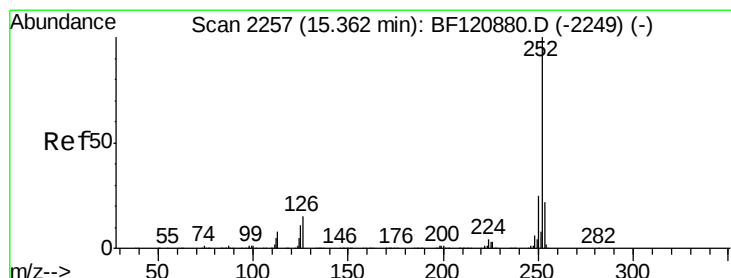
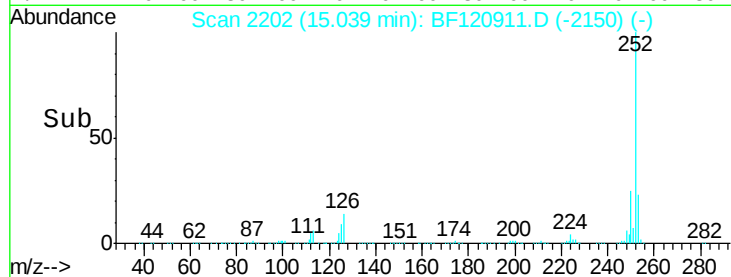
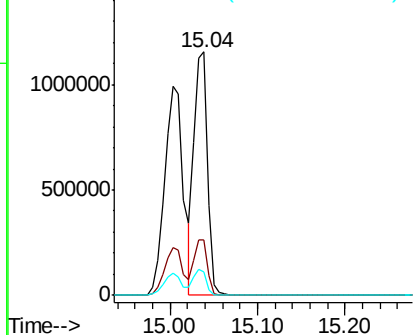
#89
Benzo(k)fluoranthene
Concen: 39.314 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1245159
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.4 8.4 12.6

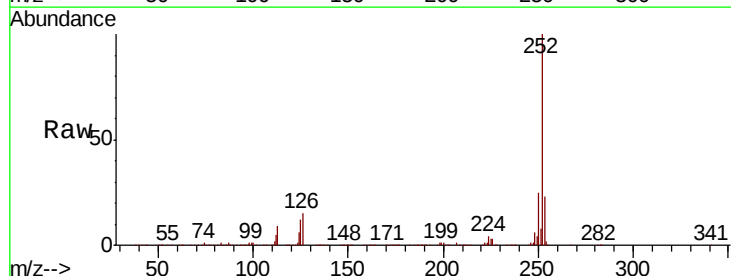


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

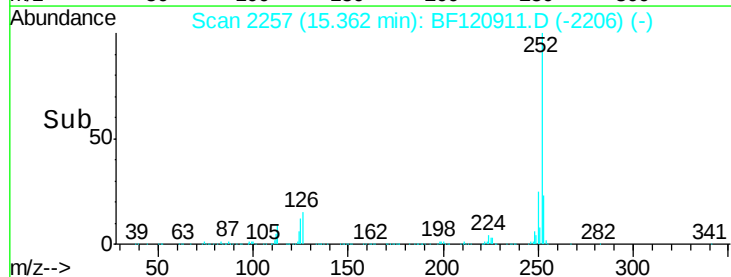
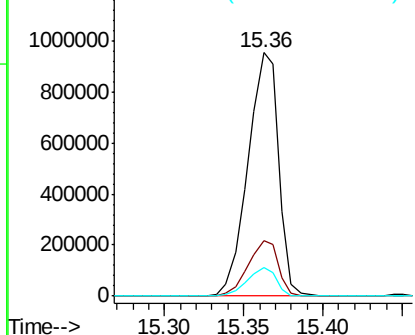


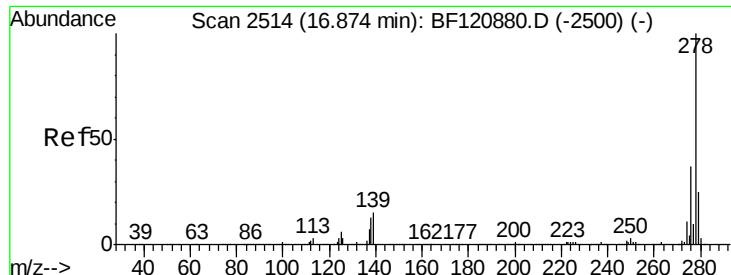
#90
Benzo(a)pyrene
Concen: 40.542 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:252 Resp: 1284571
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.7 8.9 13.3



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

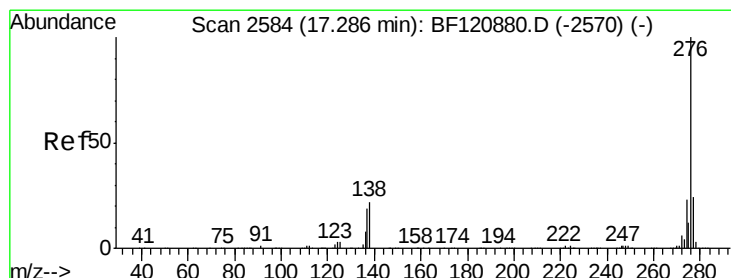
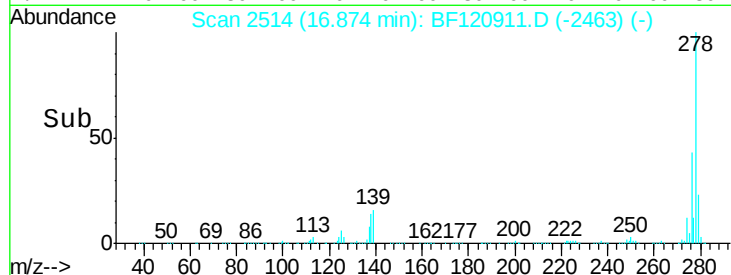
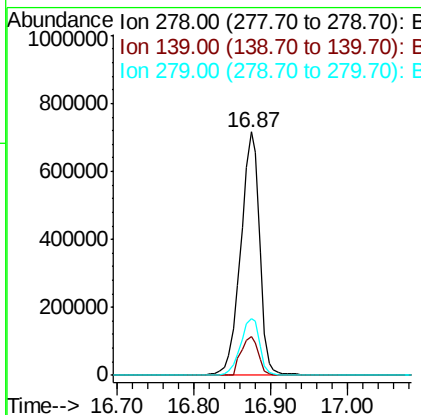
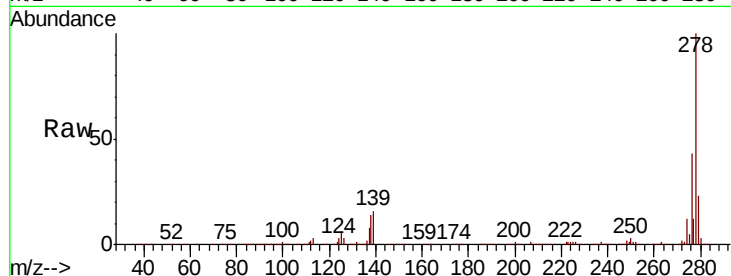




#91
Dibenzo(a,h)anthracene
Concen: 37.930 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1237983
Ion Ratio Lower Upper
278 100
139 15.8 12.3 18.5
279 23.4 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 37.237 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120911.D
Acq: 17 Jul 2020 9:13

Tgt Ion:276 Resp: 1198342
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.2 17.5 26.3

