

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120188.D
 Acq On : 24 Apr 2020 8:48
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 24 09:29:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	139620	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	546642	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	283358	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	516747	20.00	ng	0.00
76) Chrysene-d12	13.83	240	324687	20.00	ng	0.00
87) Perylene-d12	15.22	264	272229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	702204	86.92	ng	0.00
7) Phenol-d6	6.32	99	917202	88.11	ng	0.00
23) Nitrobenzene-d5	7.24	82	841989	79.68	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	246200	70.97	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1652226	82.79	ng	0.00
79) Terphenyl-d14	12.77	244	1652775	85.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	147543	41.002	ng	99
3) Pyridine	2.95	79	416773	42.215	ng	97
4) n-Nitrosodimethylamine	2.91	42	206512	40.940	ng	99
6) Aniline	6.33	93	575463	42.117	ng	# 24
8) 2-Chlorophenol	6.45	128	389618	43.162	ng	97
9) Benzaldehyde	6.21	77	233717	43.395	ng	96
10) Phenol	6.33	94	501870	42.494	ng	# 65
11) bis(2-Chloroethyl)ether	6.41	93	388530	42.607	ng	98
12) 1,3-Dichlorobenzene	6.60	146	419723	42.471	ng	97
13) 1,4-Dichlorobenzene	6.68	146	422300	41.949	ng	99
14) 1,2-Dichlorobenzene	6.84	146	402874	43.424	ng	98
15) Benzyl Alcohol	6.82	79	337482	41.739	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	700564	39.480	ng	95
17) 2-Methylphenol	6.93	107	346575	43.022	ng	97
18) Hexachloroethane	7.17	117	159779	42.469	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	280226	41.861	ng	98
20) 3+4-Methylphenols	7.09	107	437837	44.440	ng	90
22) Acetophenone	7.09	105	526753	41.151	ng	# 92
24) Nitrobenzene	7.26	77	423468	39.839	ng	100
25) Isophorone	7.50	82	780833	38.334	ng	99
26) 2-Nitrophenol	7.57	139	210517	39.642	ng	98
27) 2,4-Dimethylphenol	7.62	122	303655	37.913	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	488931	40.792	ng	99
29) 2,4-Dichlorophenol	7.82	162	331215	40.345	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	372213	40.013	ng	99
31) Naphthalene	7.97	128	1181858	41.093	ng	98
32) Benzoic acid	7.76	122	230688	32.796	ng	98
33) 4-Chloroaniline	8.03	127	510919	40.806	ng	99
34) Hexachlorobutadiene	8.09	225	222024	39.872	ng	98
35) Caprolactam	8.41	113	85678	34.117	ng	98
36) 4-Chloro-3-methylphenol	8.52	107	358742	40.361	ng	98
37) 2-Methylnaphthalene	8.66	142	795464	40.796	ng	99
38) 1-Methylnaphthalene	8.76	142	738654	40.191	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	364682	40.748	ng	99

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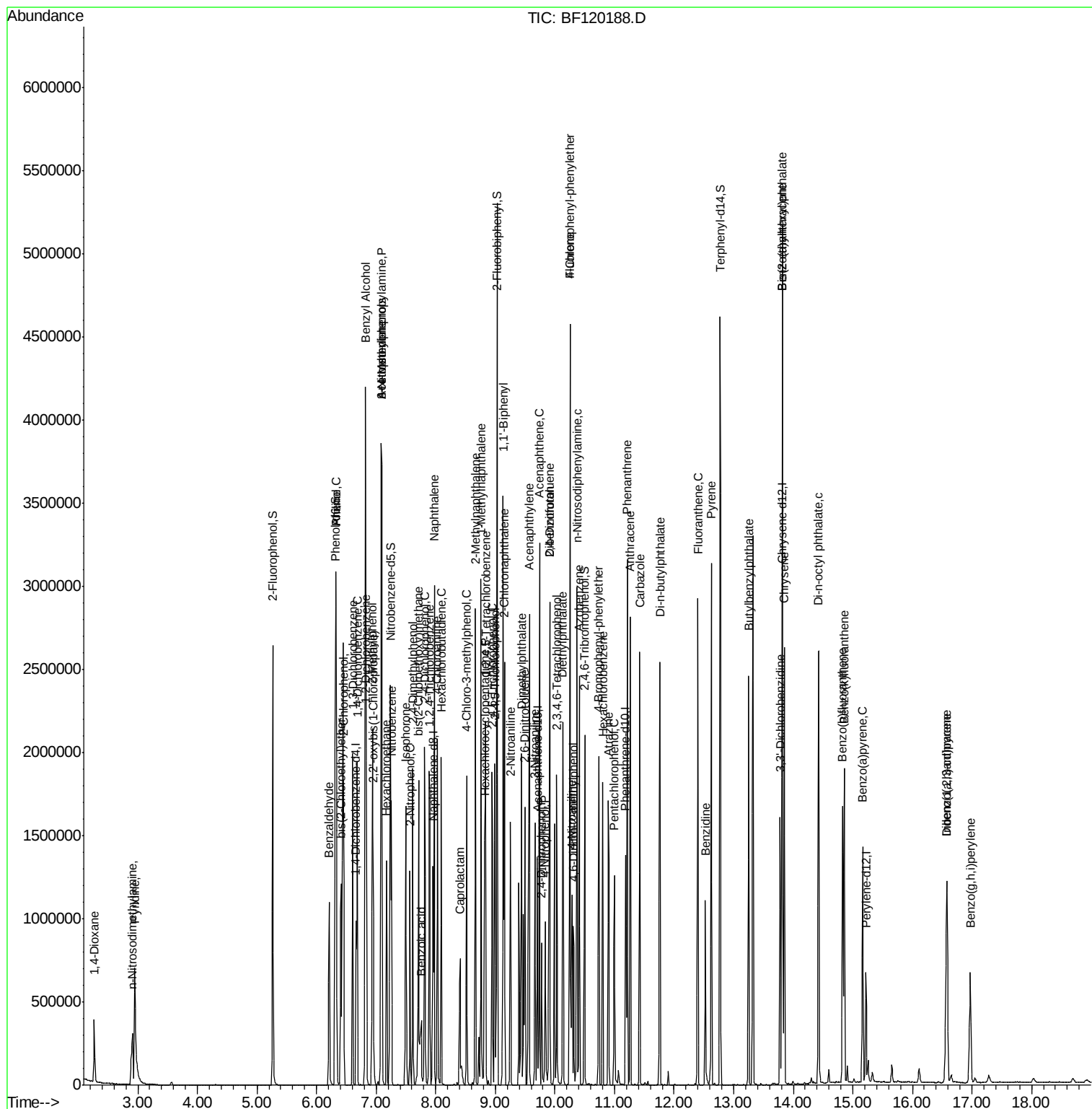
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	173493	34.091	nq	98
43) 2,4,6-Trichlorophenol	8.95	196	242156	39.183	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	272157	39.099	nq	95
46) 1,1'-Biphenyl	9.13	154	984058	41.145	nq	99
47) 2-Chloronaphthalene	9.16	162	749868	40.700	nq	97
48) 2-Nitroaniline	9.26	65	273103	40.903	nq	96
49) Acenaphthylene	9.57	152	1143756	40.819	nq	98
50) Dimethylphthalate	9.44	163	880814	40.188	nq	100
51) 2,6-Dinitrotoluene	9.50	165	197415	41.132	nq #	86
52) Acenaphthene	9.74	154	692458	37.047	nq	98
53) 3-Nitroaniline	9.67	138	218724	39.902	nq	99
54) 2,4-Dinitrophenol	9.77	184	101903	35.463	nq #	86
55) Dibenzofuran	9.92	168	1047447	40.838	nq	96
56) 4-Nitrophenol	9.84	139	139819	34.282	nq	98
57) 2,4-Dinitrotoluene	9.90	165	249591	39.471	nq	97
58) Fluorene	10.26	166	799640	38.983	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	203189	38.167	nq	98
60) Diethylphthalate	10.14	149	910754	40.093	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	407597	38.769	nq	96
62) 4-Nitroaniline	10.29	138	217757	41.685	nq	96
63) Azobenzene	10.41	77	825332	40.542	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	124766	36.649	nq	94
66) n-Nitrosodiphenylamine	10.37	169	728058	42.365	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	252436	39.282	nq	96
68) Hexachlorobenzene	10.80	284	257430	39.488	nq	91
69) Atrazine	10.90	200	197000	41.200	nq	97
70) Pentachlorophenol	11.00	266	139085	37.021	nq	99
71) Phenanthrene	11.22	178	1125946	40.941	nq	97
72) Anthracene	11.26	178	1144032	40.721	nq	97
73) Carbazole	11.42	167	1062183	39.979	nq	99
74) Di-n-butylphthalate	11.76	149	1394106	39.915	nq	98
75) Fluoranthene	12.40	202	1222225	41.188	nq	99
77) Benzidine	12.52	184	446269	40.661	nq	98
78) Pyrene	12.63	202	1208836	44.164	nq	98
80) Butylbenzylphthalate	13.25	149	570974	42.989	nq	96
81) Benzo(a)anthracene	13.82	228	894969	41.899	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	304597	38.218	nq	99
83) Chrysene	13.85	228	885855	40.816	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	793334	44.108	nq	98
85) Di-n-octyl phthalate	14.43	149	1312127	42.846	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	652187	34.090	nq	100
88) Benzo(b)fluoranthene	14.83	252	798305	40.764	nq	98
89) Benzo(k)fluoranthene	14.86	252	681037	40.305	nq	99
90) Benzo(a)pyrene	15.17	252	667815	40.558	nq	97
91) Dibenzo(a,h)anthracene	16.59	278	531654	36.451	nq	100
92) Benzo(g,h,i)perylene	16.97	276	535101	37.167	nq	99

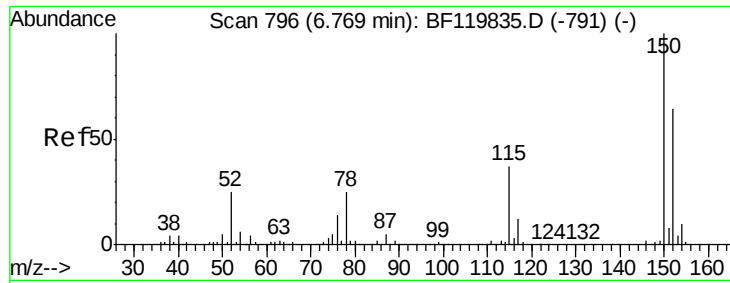
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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Operator  : MA/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

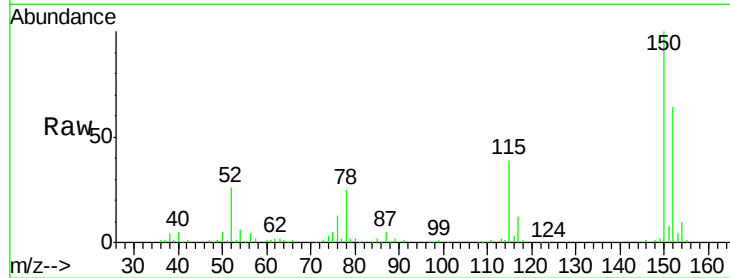
Tot Ion:152 Resp: 139620

Ion Ratio Lower Upper

152 100

150 156.8 124.5 186.7

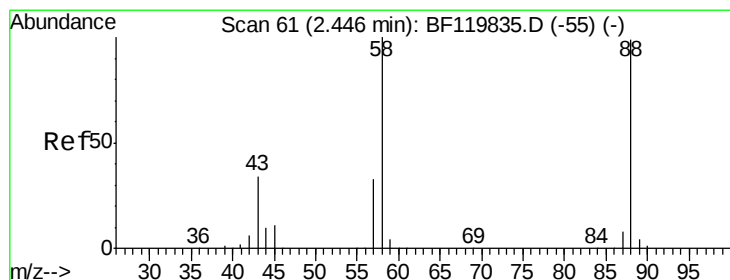
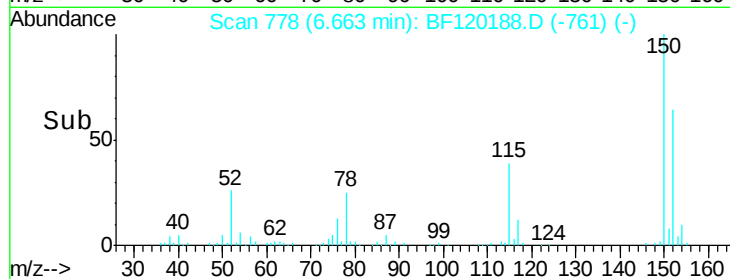
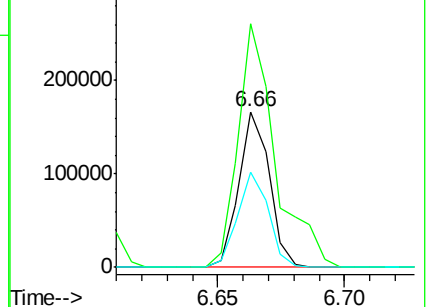
115 60.9 49.6 74.4



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: 41.002 ng

RT: 2.27 min Scan# 31

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

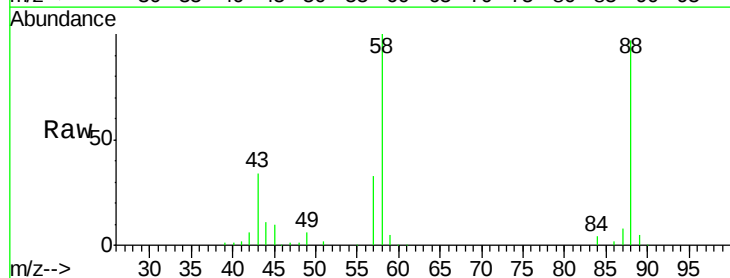
Tgt Ion: 88 Resp: 147543

Ion Ratio Lower Upper

88 100

58 101.8 80.6 121.0

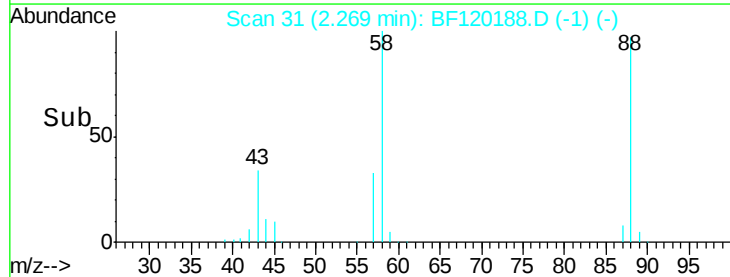
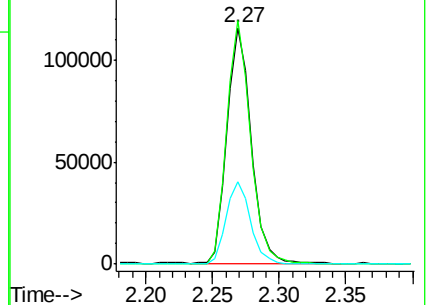
43 35.4 27.5 41.3

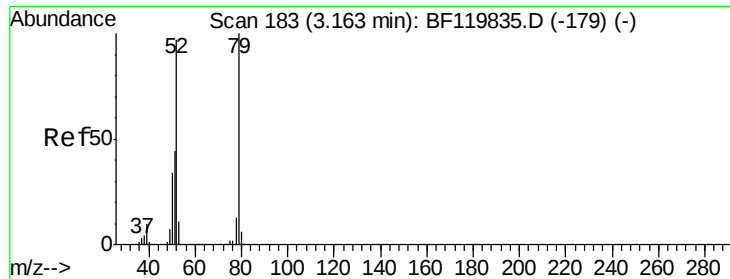


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.215 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

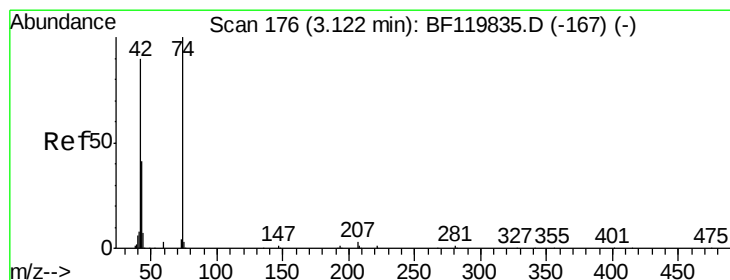
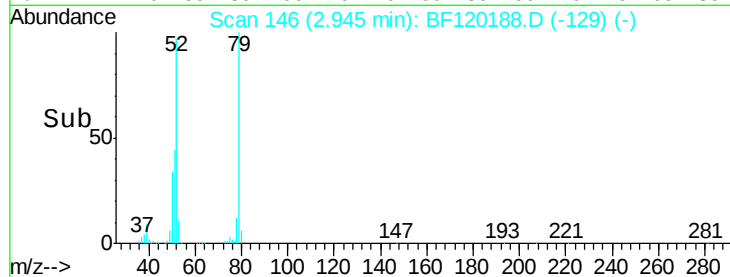
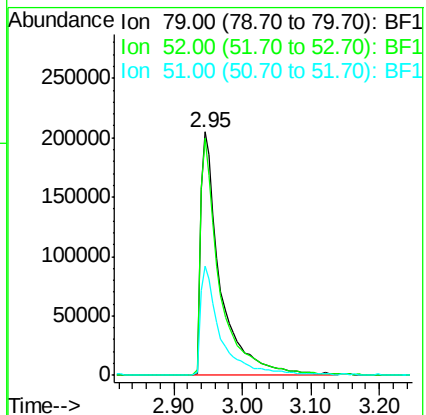
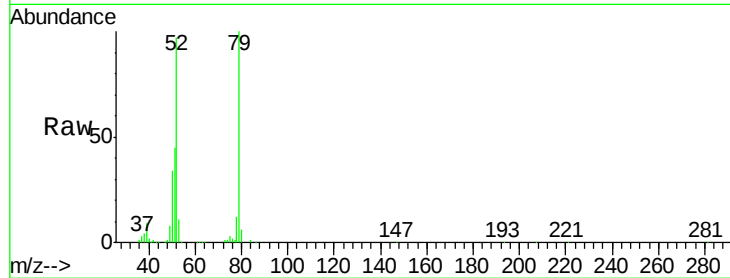
Tot Ion: 79 Resp: 416773

Ion Ratio Lower Upper

79 100

52 97.3 80.2 120.2

51 44.7 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 40.940 ng

RT: 2.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

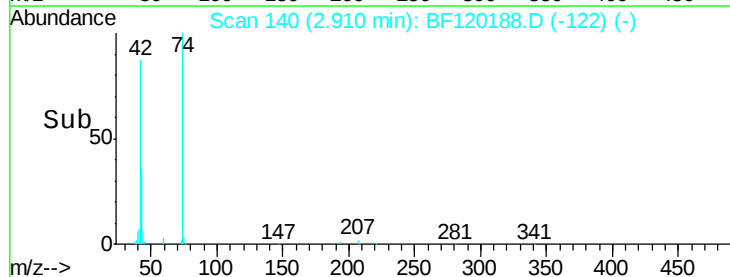
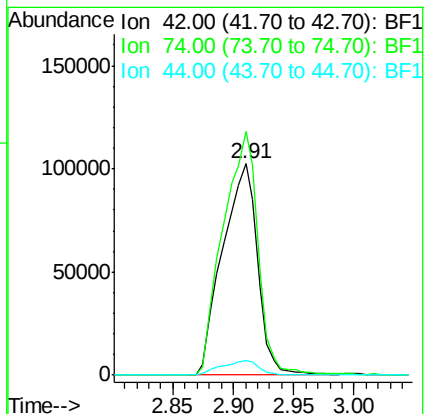
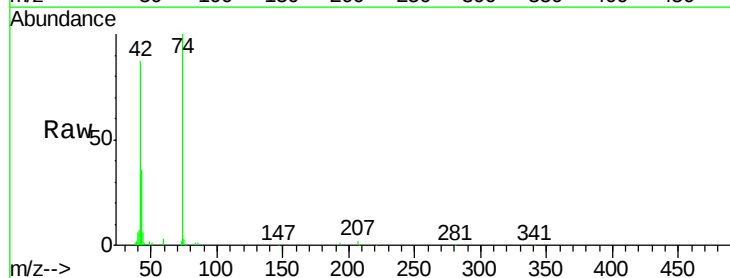
Tgt Ion: 42 Resp: 206512

Ion Ratio Lower Upper

42 100

74 115.3 91.5 137.3

44 6.9 6.2 9.4





#5

2-Fluorophenol

Concen: 86.917 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

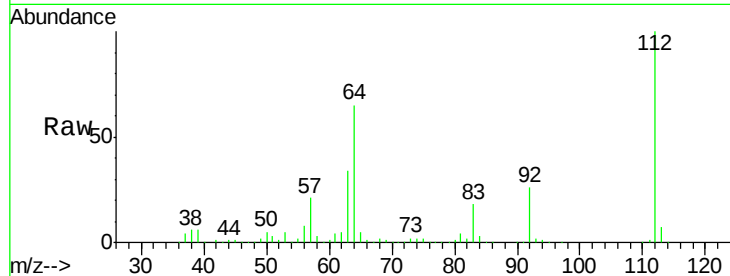
Tot Ion:112 Resp: 702204

Ion Ratio Lower Upper

112 100

64 65.2 56.7 85.1

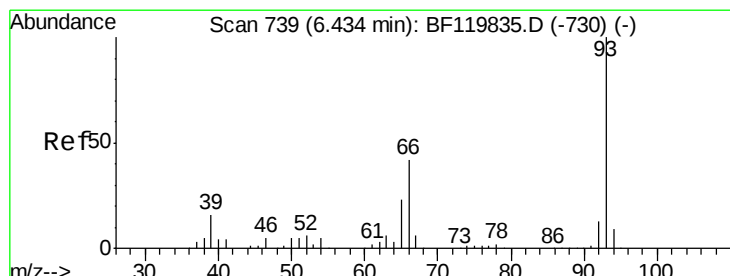
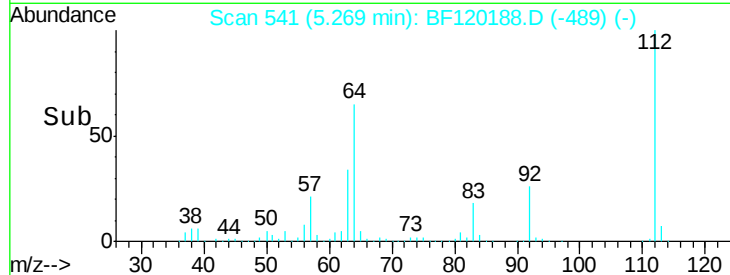
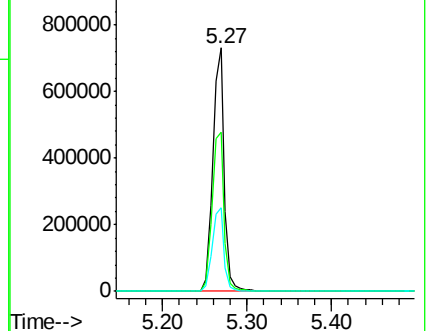
63 34.4 29.5 44.3



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: 42.117 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

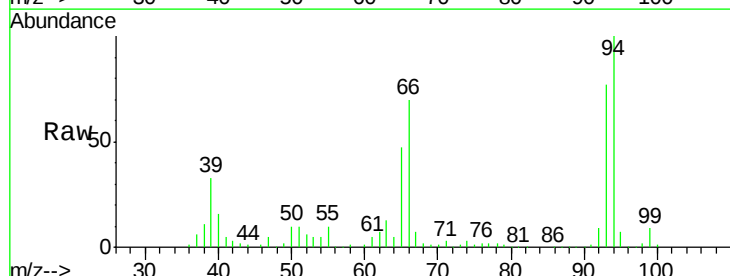
Tgt Ion: 93 Resp: 575463

Ion Ratio Lower Upper

93 100

66 91.5 34.9 52.3#

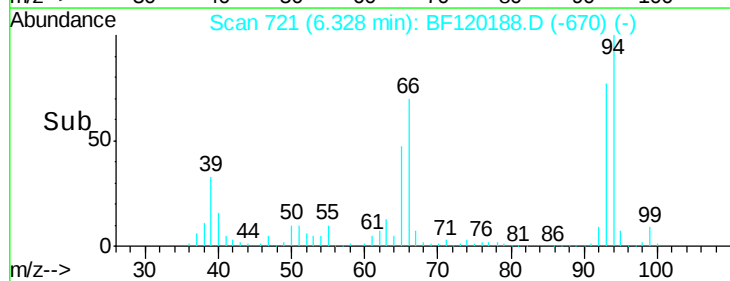
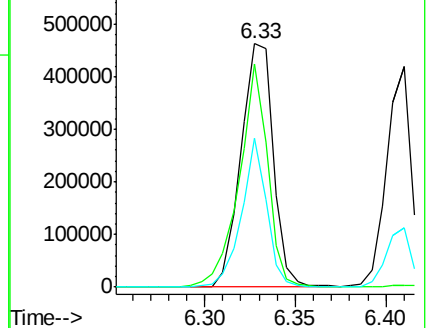
65 60.9 18.6 27.8#



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: 88.106 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

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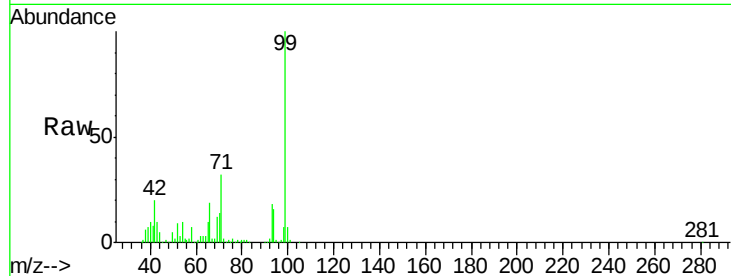
Tot Ion: 99 Resp: 917202

Ion Ratio Lower Upper

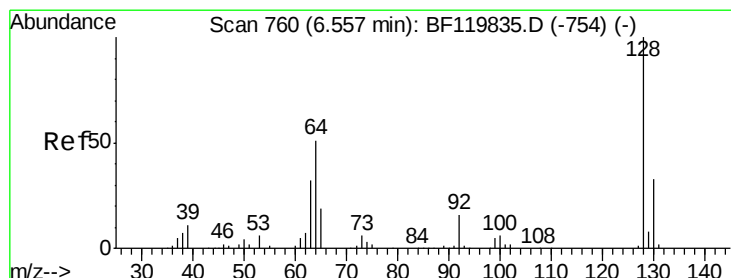
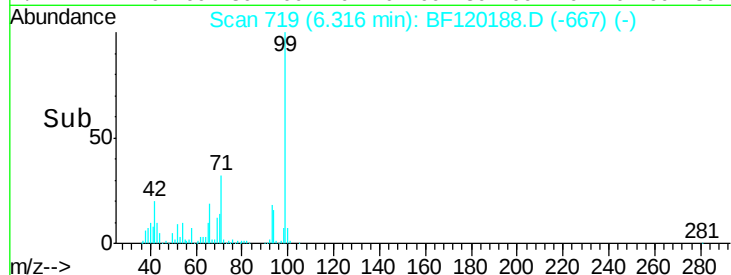
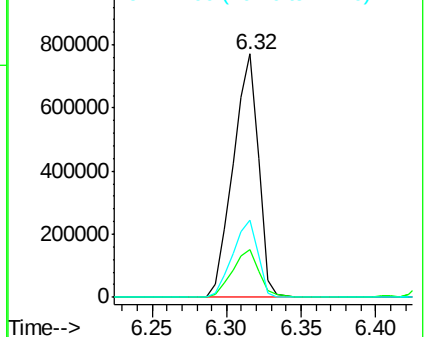
99 100

42 19.9 16.6 24.8

71 31.7 26.4 39.6



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



#8

2-Chlorophenol

Concen: 43.162 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

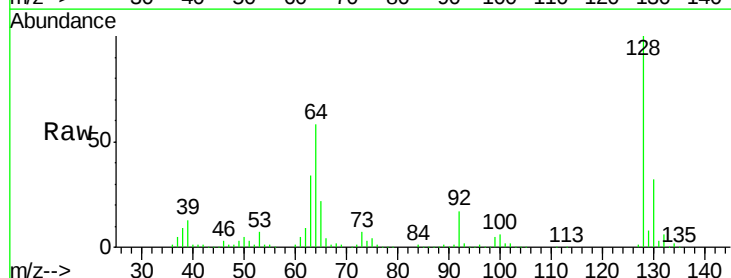
Tgt Ion: 128 Resp: 389618

Ion Ratio Lower Upper

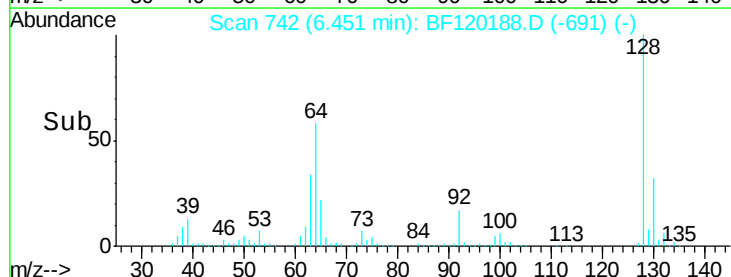
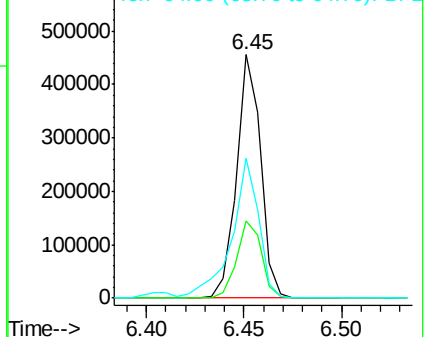
128 100

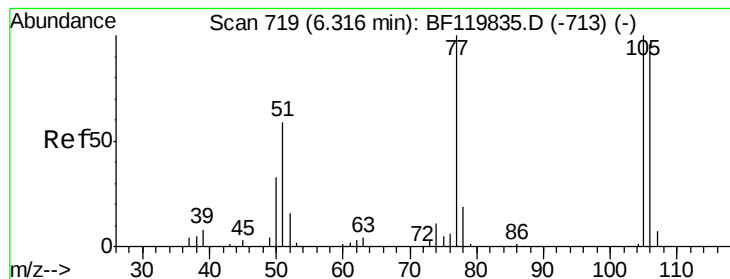
130 31.5 12.6 52.6

64 57.5 35.3 75.3



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





#9

Benzaldehyde

Concen: 43.395 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

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SSTDCCC040

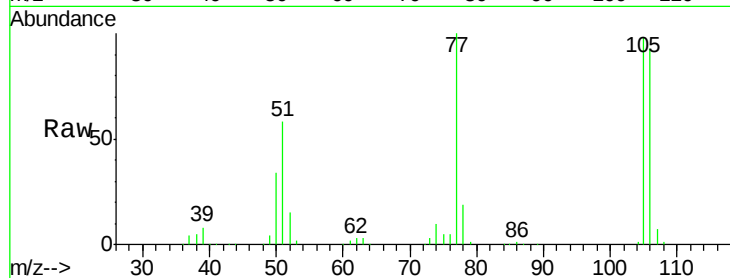
Tot Ion: 77 Resp: 233717

Ion Ratio Lower Upper

77 100

105 98.0 80.9 120.9

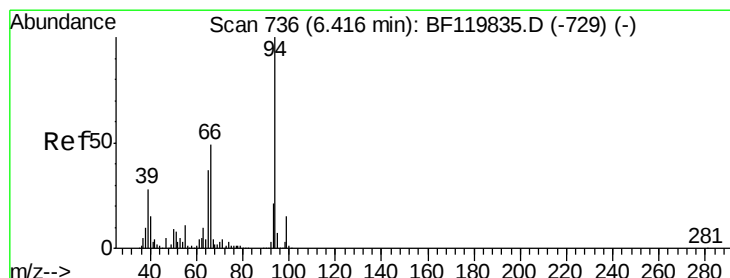
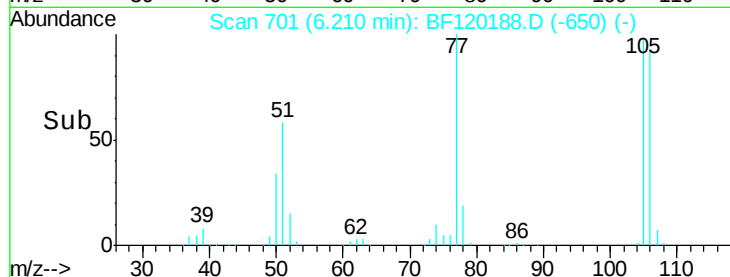
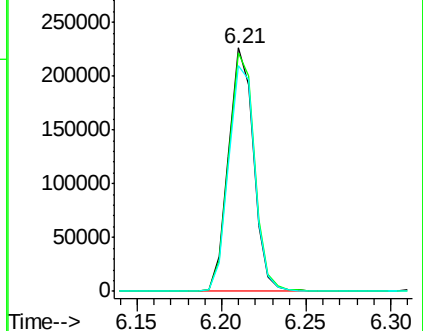
106 92.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.494 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

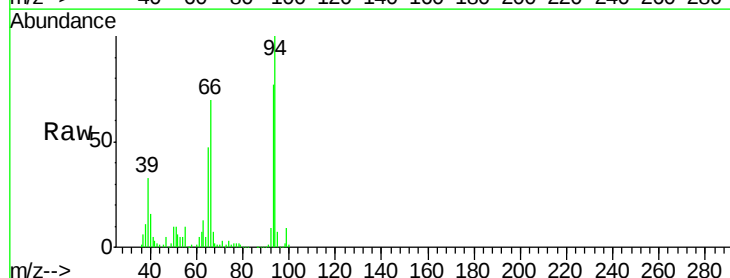
Tgt Ion: 94 Resp: 501870

Ion Ratio Lower Upper

94 100

65 46.8 13.2 53.2

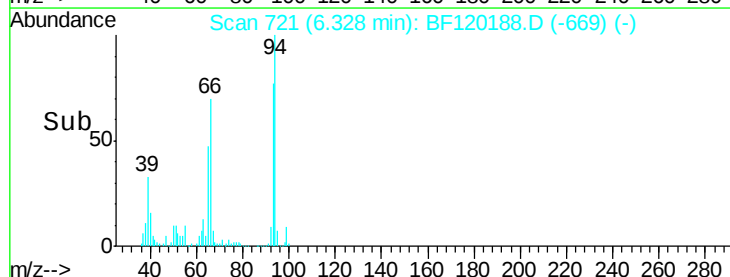
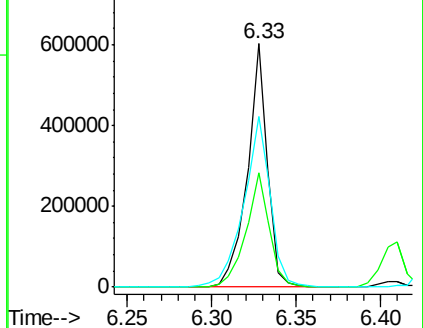
66 70.2 22.3 62.3#

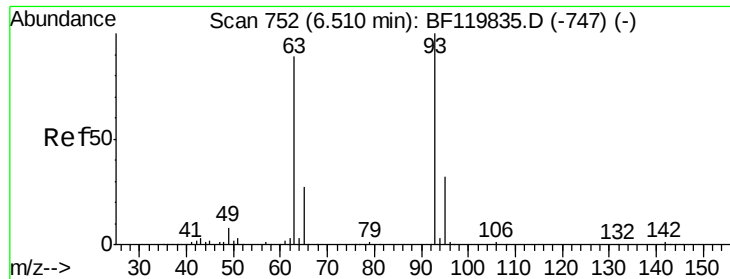


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

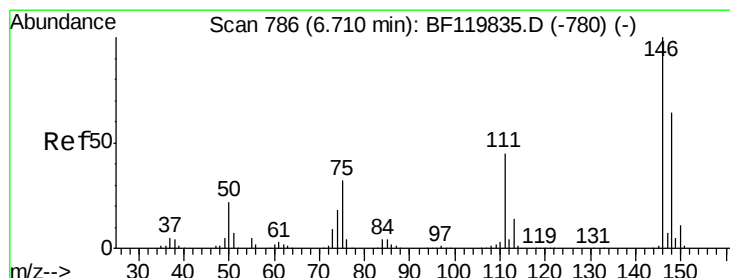
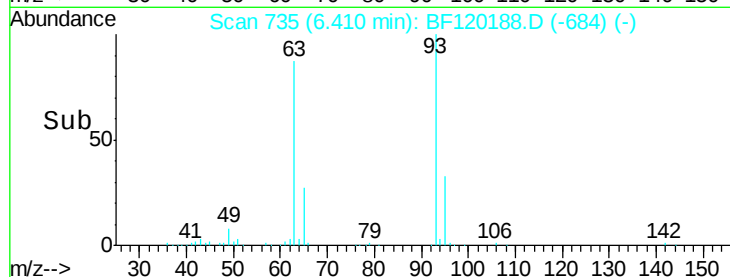
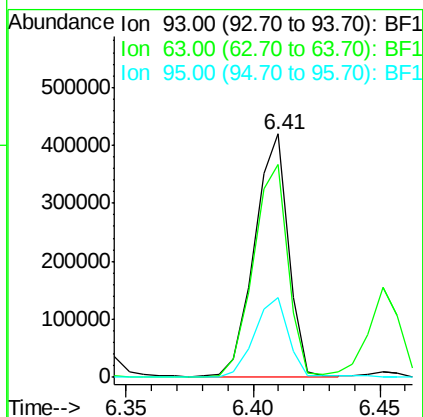
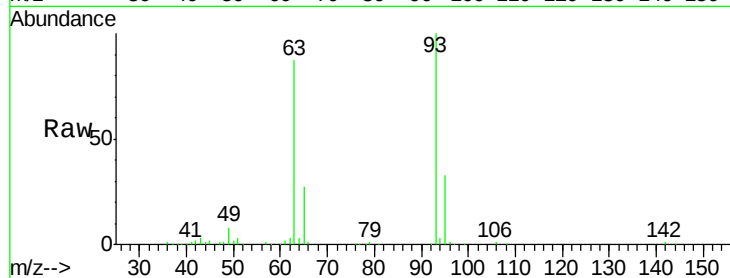




#11
bis(2-Chloroethyl)ether
Concen: 42.607 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

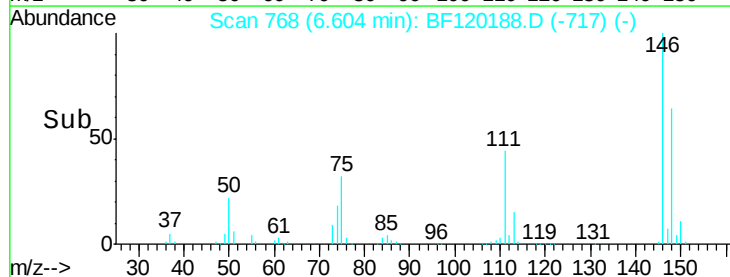
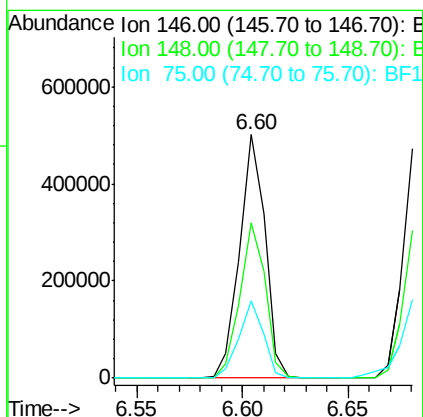
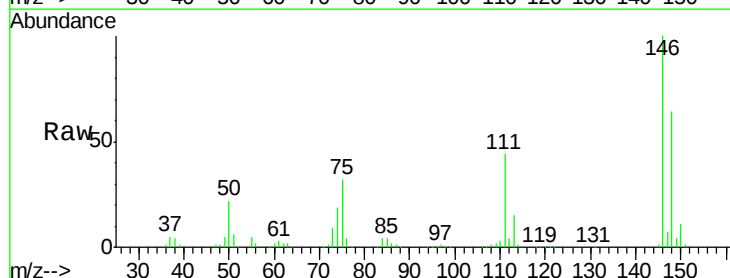
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

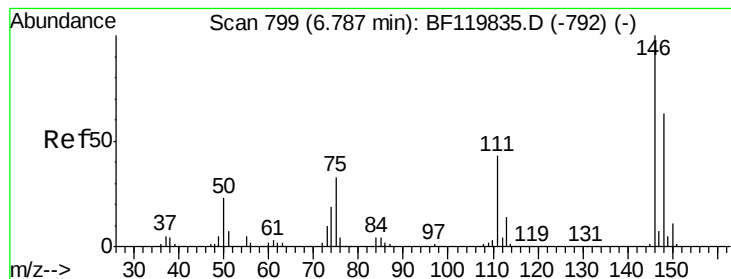
Tot Ion: 93 Resp: 388530
Ion Ratio Lower Upper
93 100
63 87.5 70.2 110.2
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 42.471 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion: 146 Resp: 419723
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
75 31.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 41.949 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

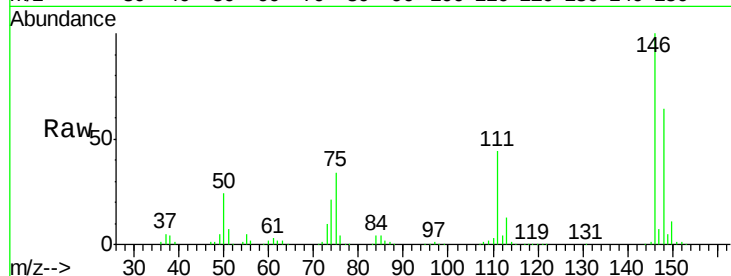
Tot Ion:146 Resp: 422300

Ion Ratio Lower Upper

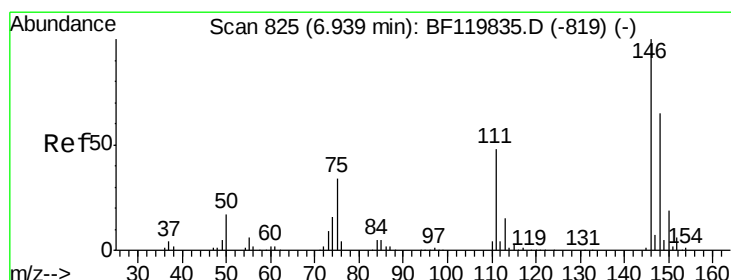
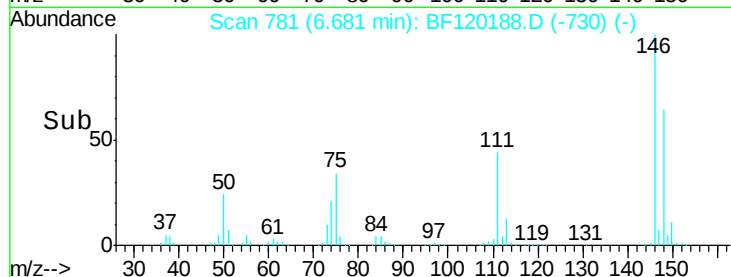
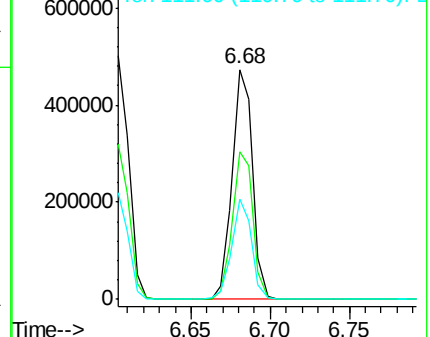
146 100

148 64.2 51.5 77.3

111 43.5 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.424 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

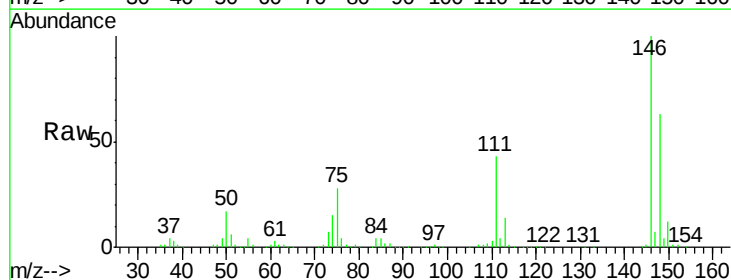
Tgt Ion:146 Resp: 402874

Ion Ratio Lower Upper

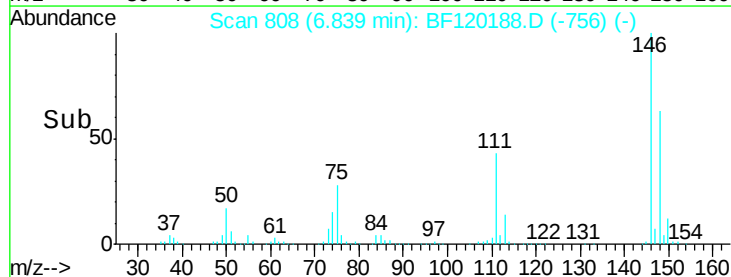
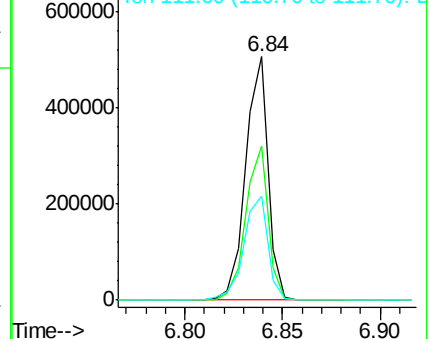
146 100

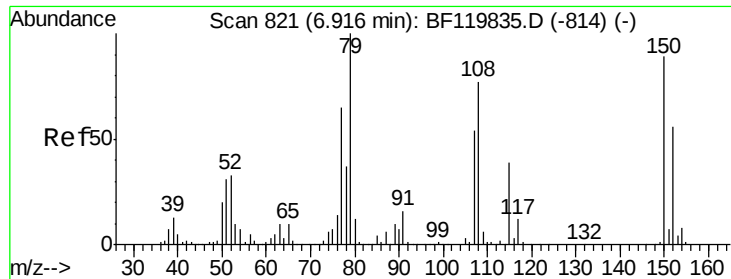
148 63.0 50.6 75.8

111 42.5 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

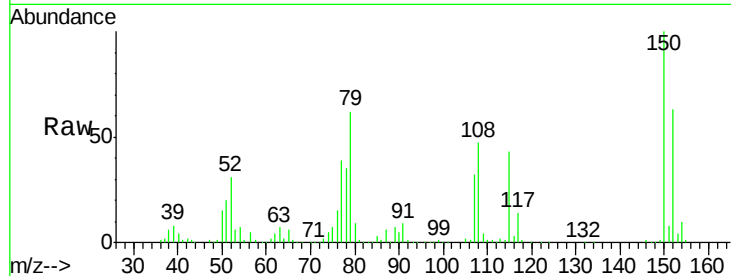




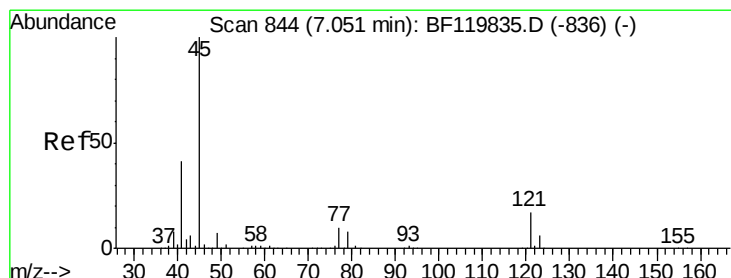
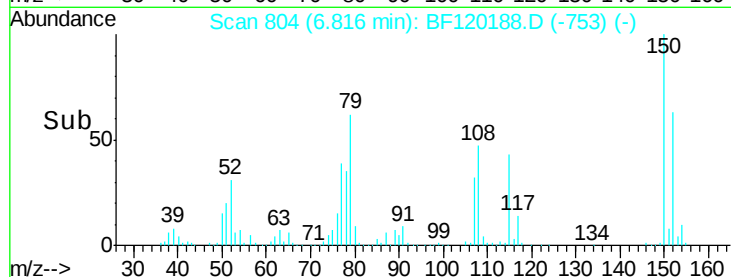
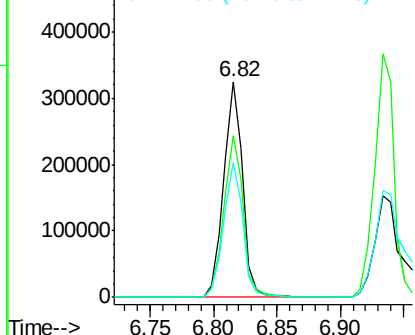
#15
Benzyl Alcohol
Concen: 41.739 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 337482
Ion Ratio Lower Upper
79 100
108 75.1 60.6 90.8
77 62.4 50.2 75.2

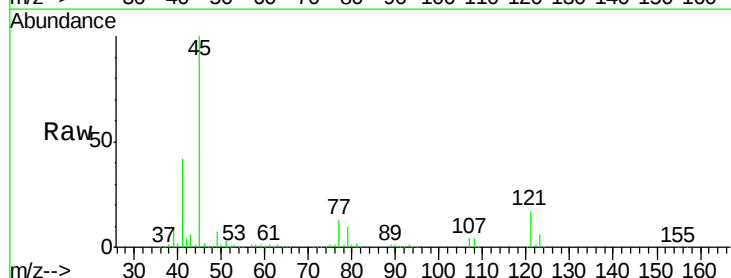


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

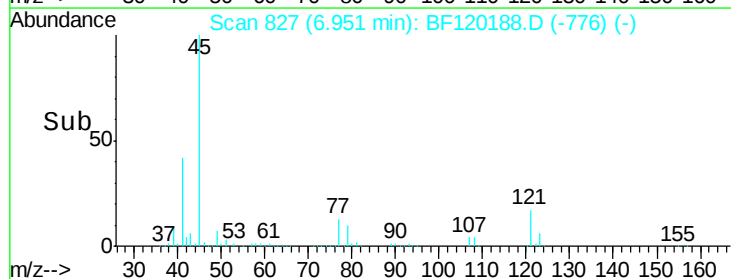
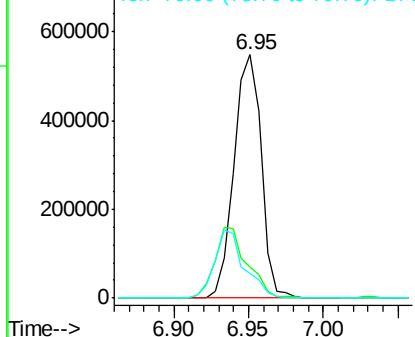


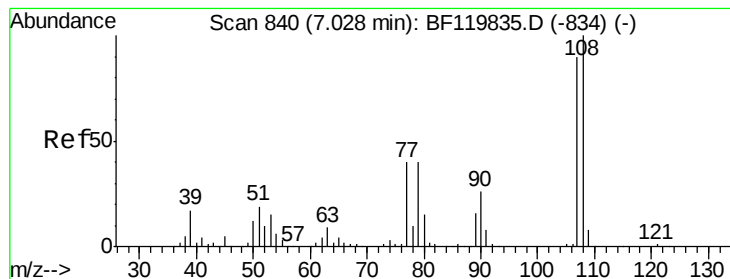
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.480 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion: 45 Resp: 700564
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.7
79 10.1 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.022 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 346575

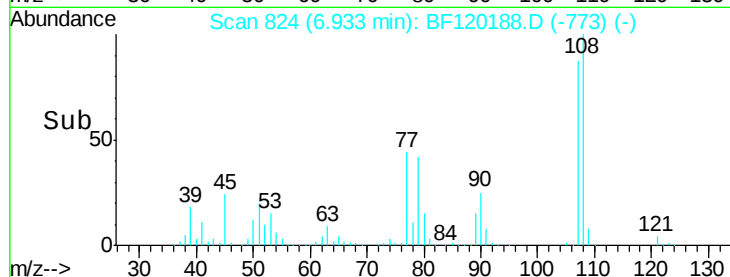
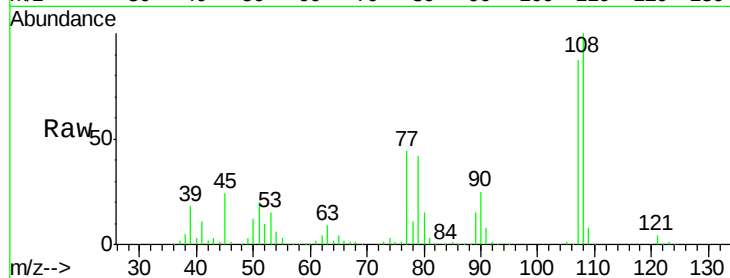
Ion Ratio Lower Upper

107 100

108 114.4 92.2 138.4

77 50.1 36.6 54.8

79 47.7 36.2 54.4

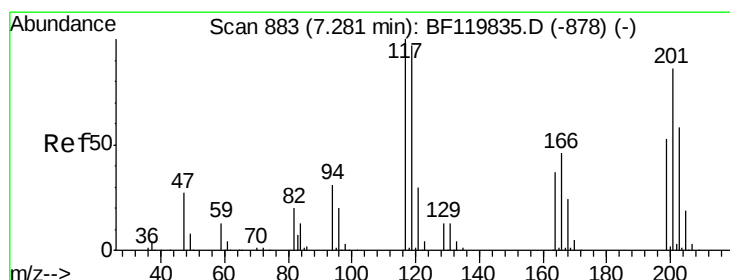
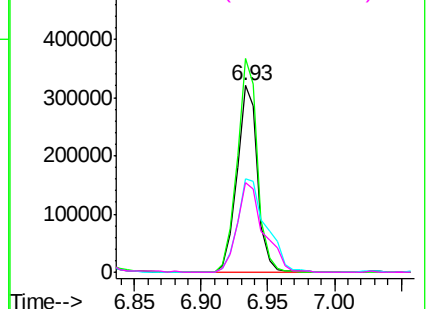


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.469 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

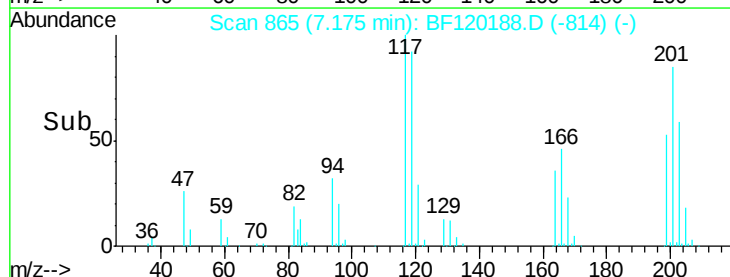
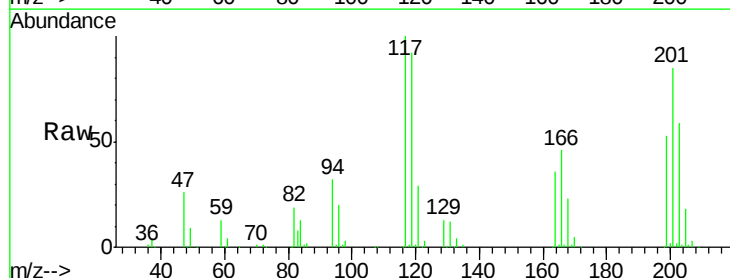
Tgt Ion:117 Resp: 159779

Ion Ratio Lower Upper

117 100

119 92.3 76.1 114.1

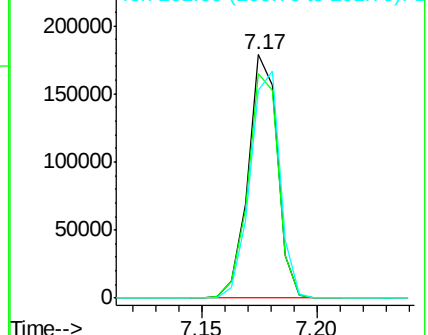
201 85.1 73.0 109.6

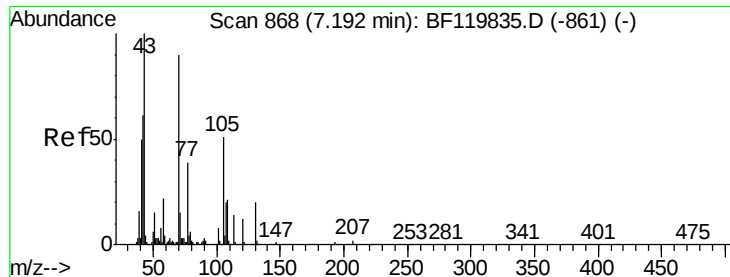


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

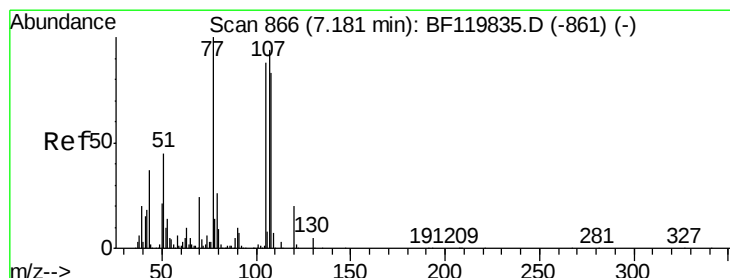
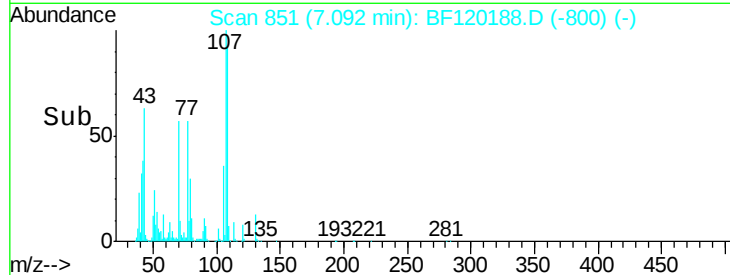
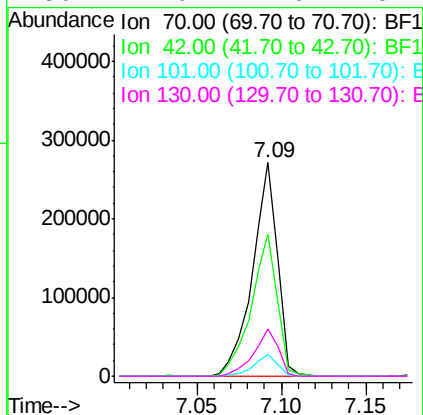
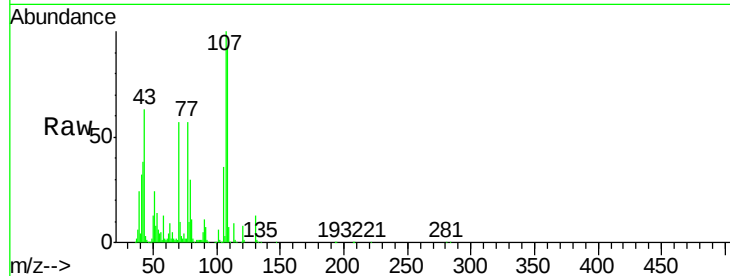




#19
n-Nitroso-di-n-propylamine
Concen: 41.861 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

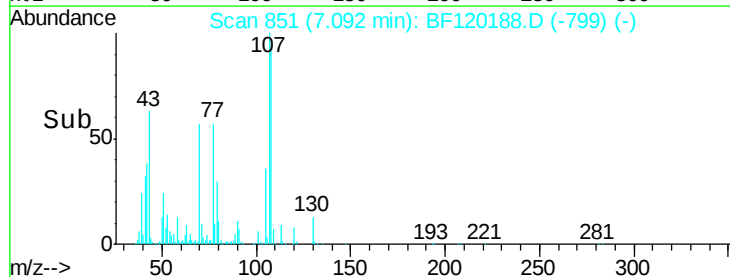
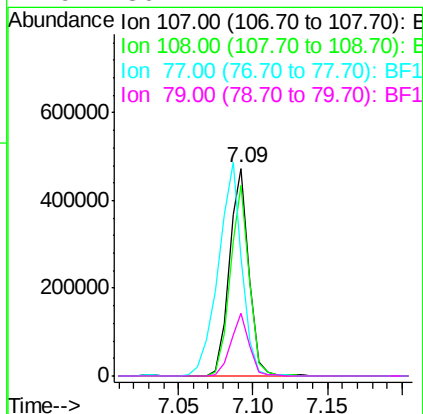
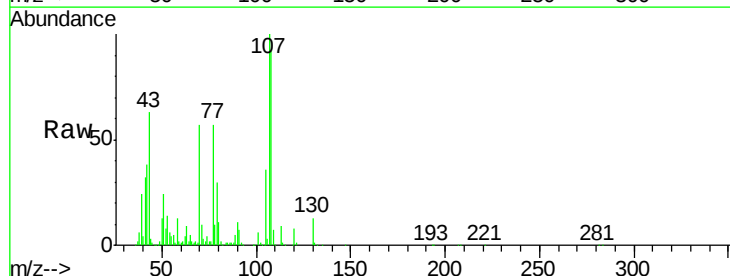
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

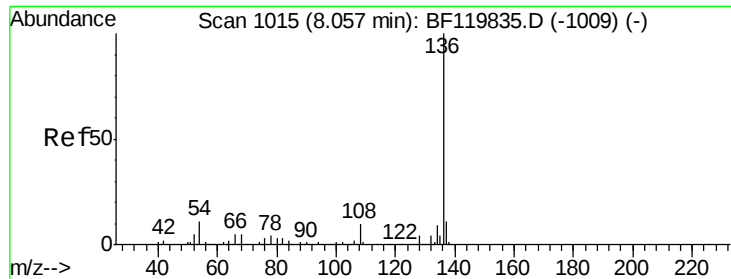
Tot Ion:	70	Resp:	280226
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.5	81.7
101	10.0	7.6	11.4
130	22.0	17.6	26.4



#20
3+4-Methylphenols
Concen: 44.440 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:	107	Resp:	437837
Ion	Ratio	Lower	Upper
107	100		
108	92.0	67.9	107.9
77	57.4	52.9	92.9
79	30.4	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 546642

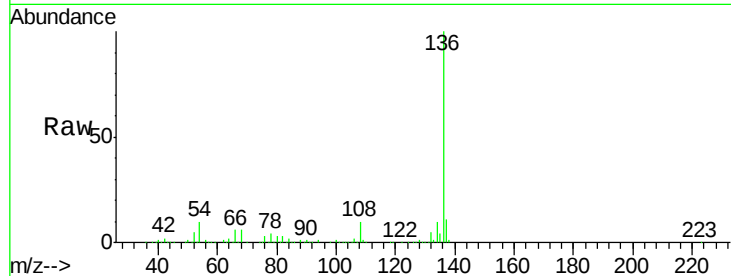
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.4 9.1 13.7

68 6.1 4.6 6.8

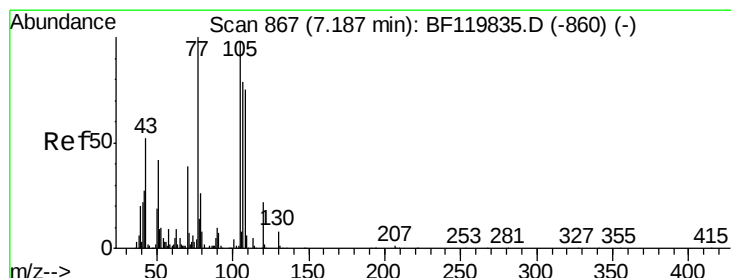
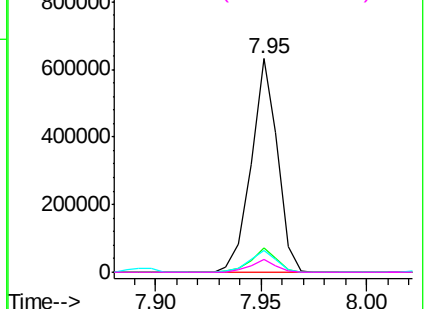
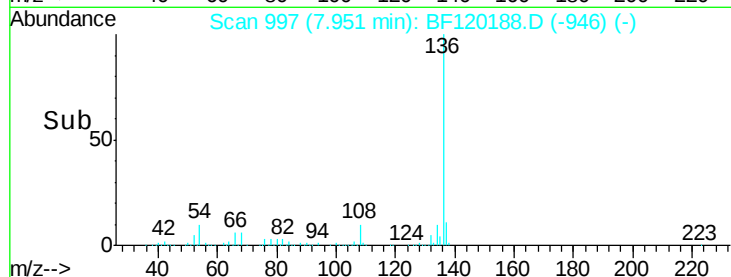


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.151 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:105 Resp: 526753

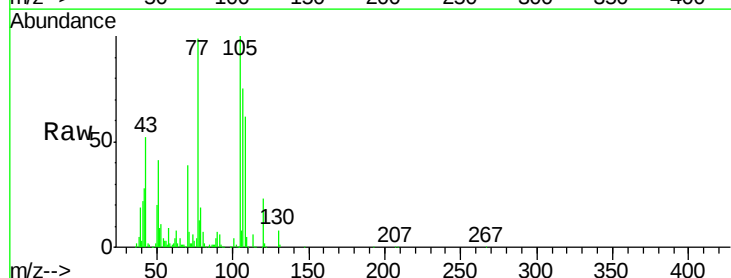
Ion Ratio Lower Upper

105 100

71 6.7 5.7 8.5

51 40.8 26.2 39.4#

120 23.0 18.3 27.5

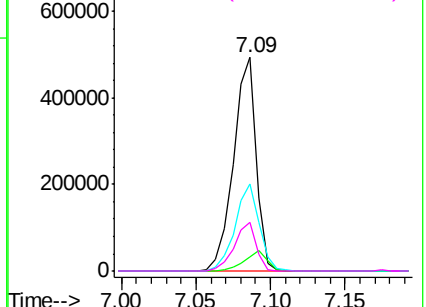
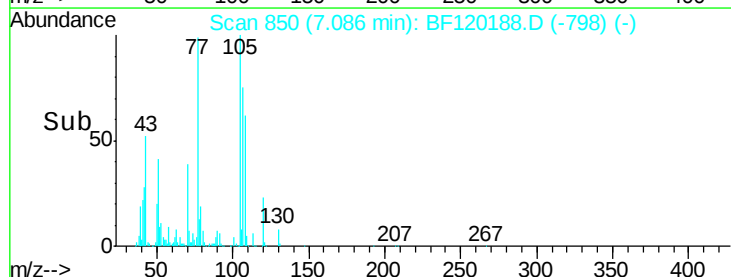


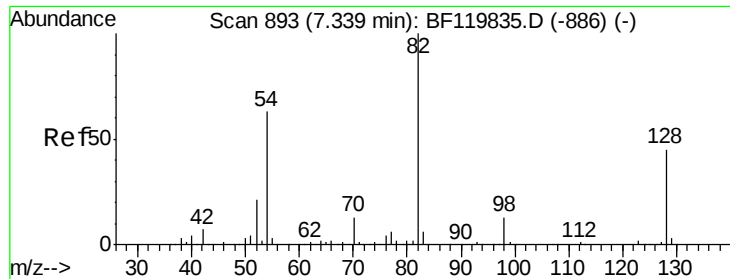
Abundance Ion 105.00 (104.70 to 105.70): E

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

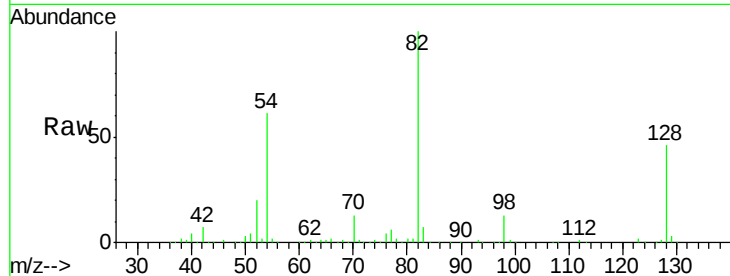




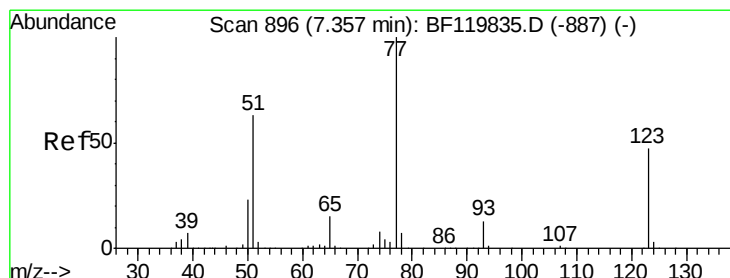
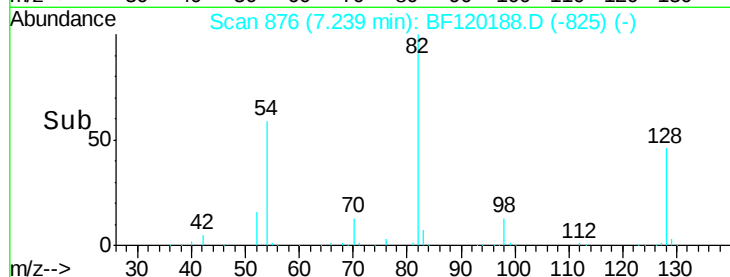
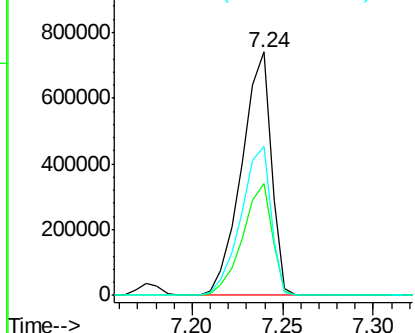
#23
Nitrobenzene-d5
Concen: 79.685 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 841989
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 61.4 50.6 75.8

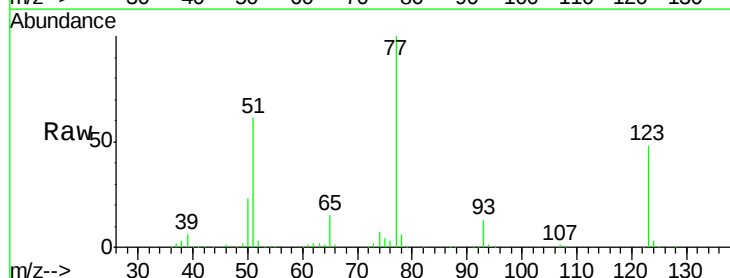


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

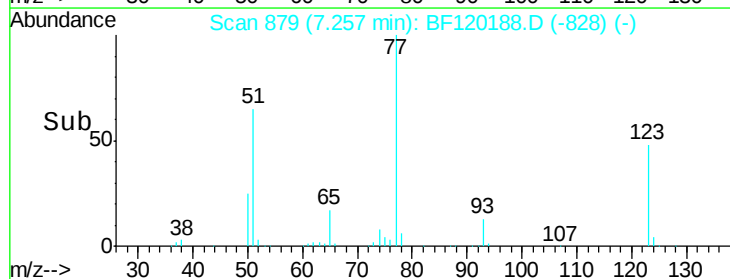
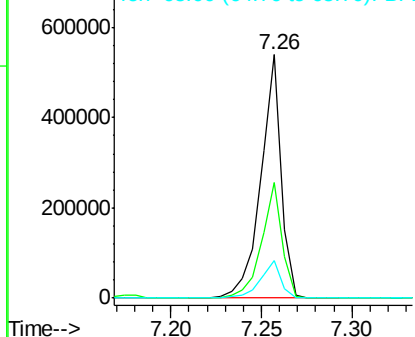


#24
Nitrobenzene
Concen: 39.839 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion: 77 Resp: 423468
Ion Ratio Lower Upper
77 100
123 47.5 38.0 57.0
65 15.4 12.6 18.8



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





#25

Isophorone

Concen: 38.334 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

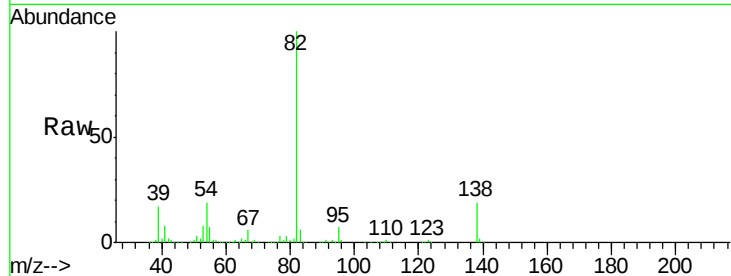
Tot Ion: 82 Resp: 780833

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

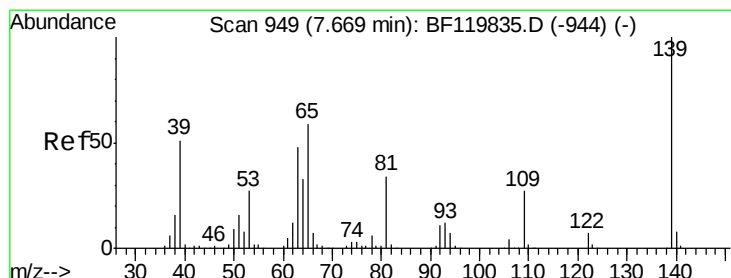
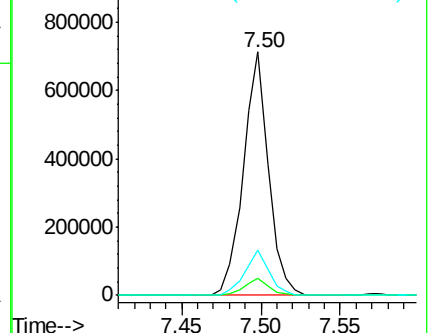
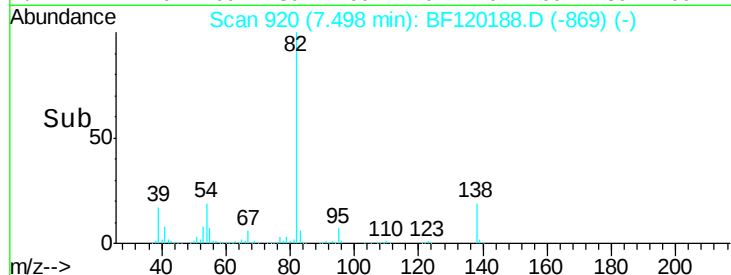
138 18.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.642 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

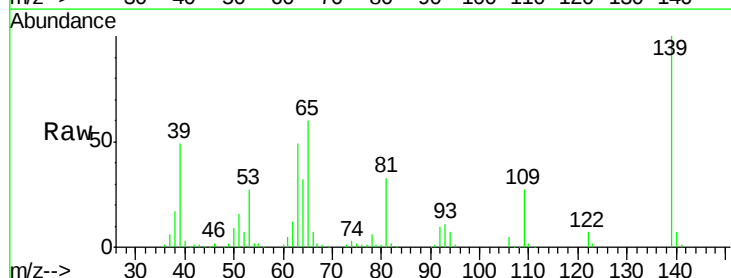
Tgt Ion: 139 Resp: 210517

Ion Ratio Lower Upper

139 100

109 26.9 22.1 33.1

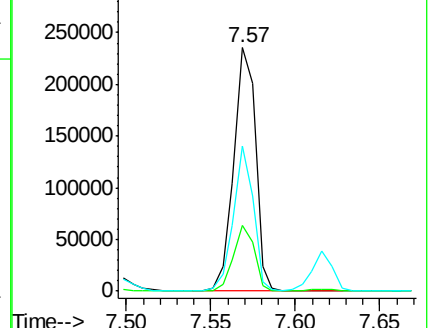
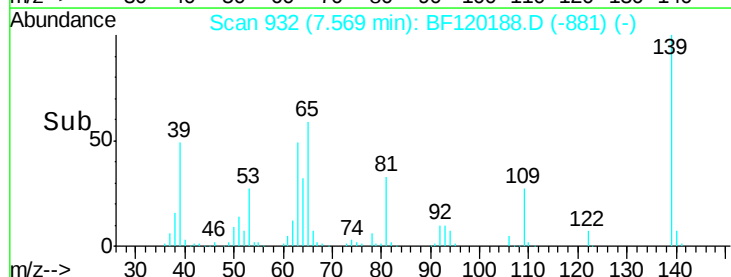
65 59.7 49.2 73.8

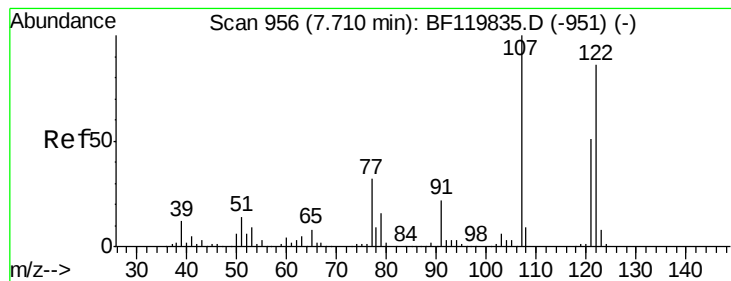


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.913 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

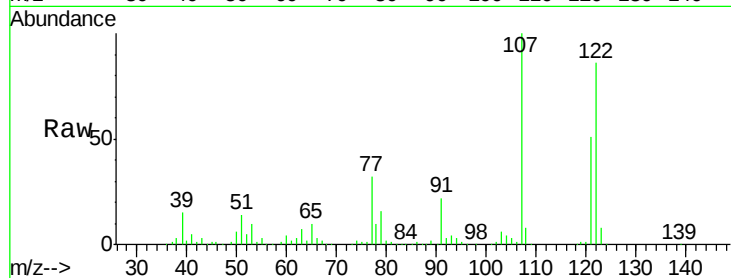
Tot Ion:122 Resp: 303655

Ion Ratio Lower Upper

122 100

107 115.7 89.0 133.6

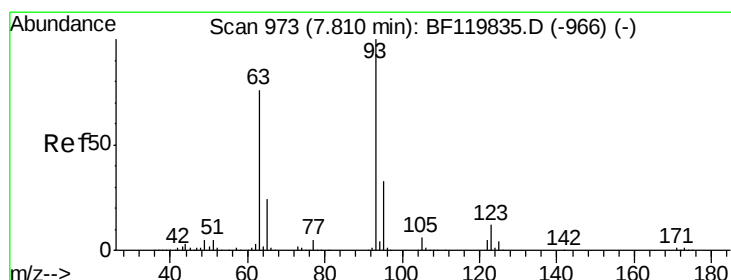
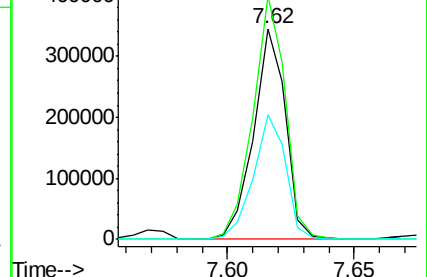
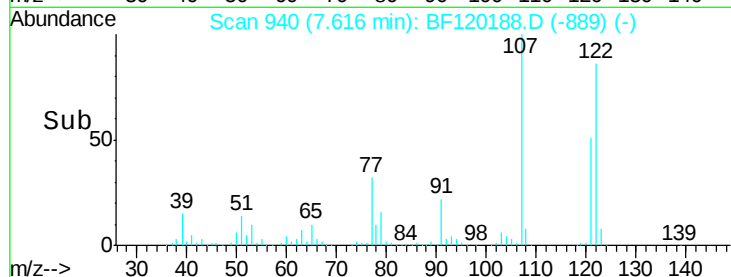
121 59.1 46.7 70.1



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: 40.792 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

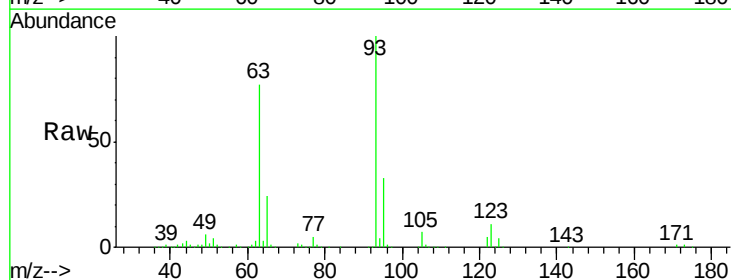
Tgt Ion: 93 Resp: 488931

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

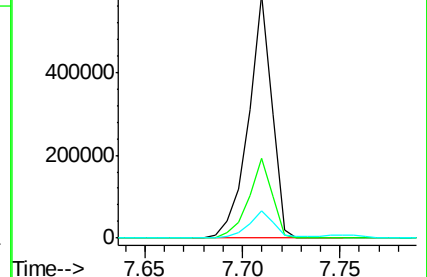
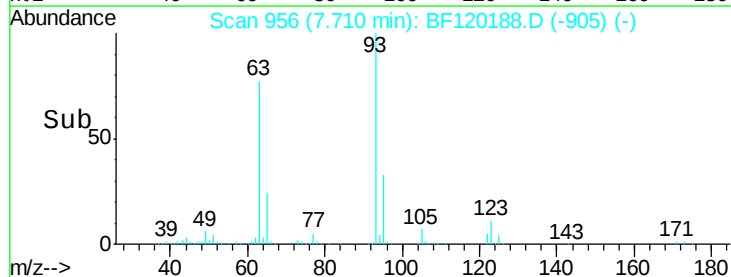
123 11.1 9.7 14.5

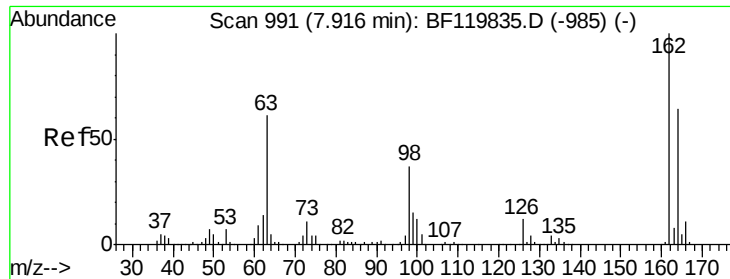


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

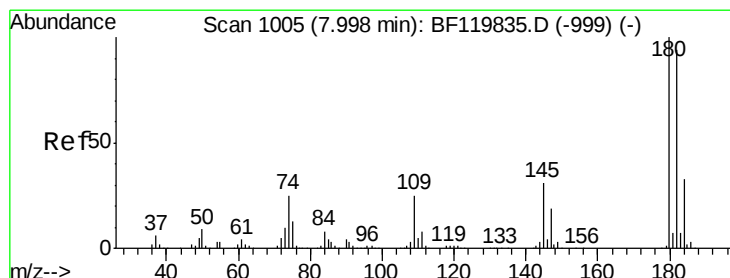
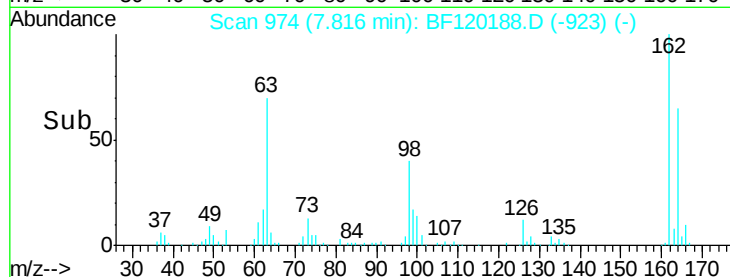
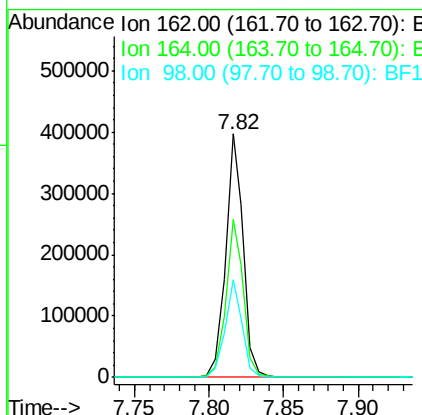
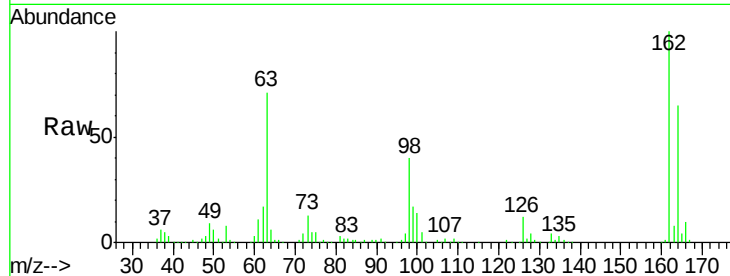




#29
 2,4-Dichlorophenol
 Concen: 40.345 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

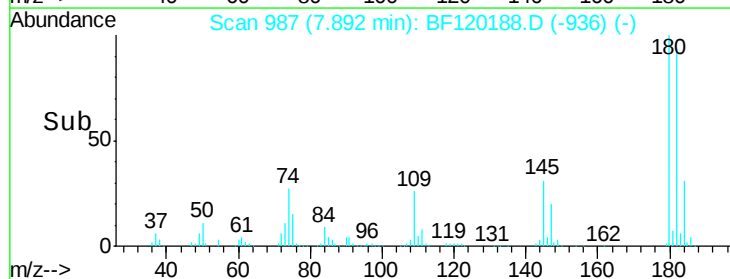
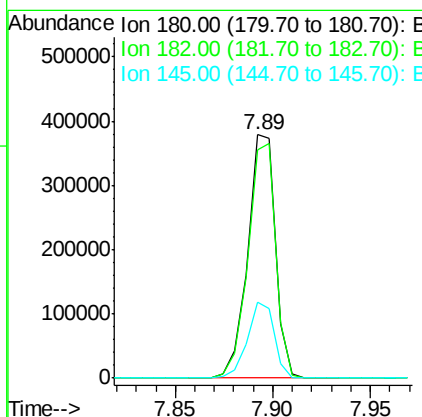
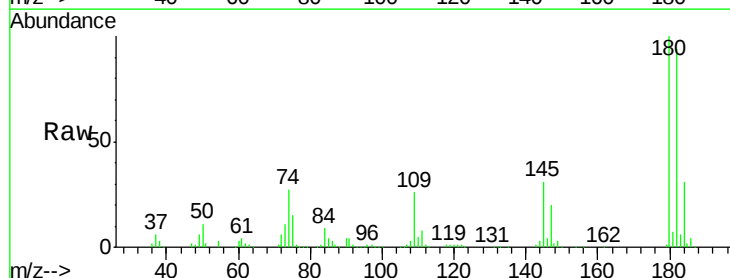
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

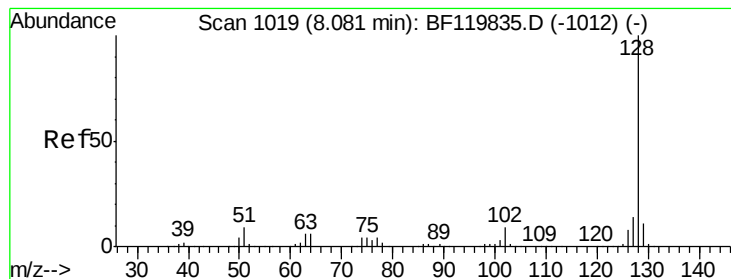
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.7	84.7
98	40.2	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.013 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.7	112.1
145	31.0	24.5	36.7





#31

Naphthalene

Concen: 41.093 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

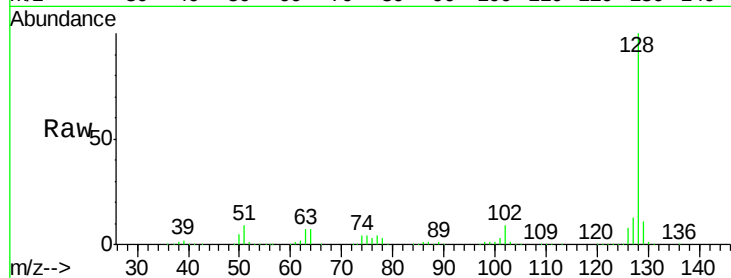
Tot Ion:128 Resp: 1181858

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

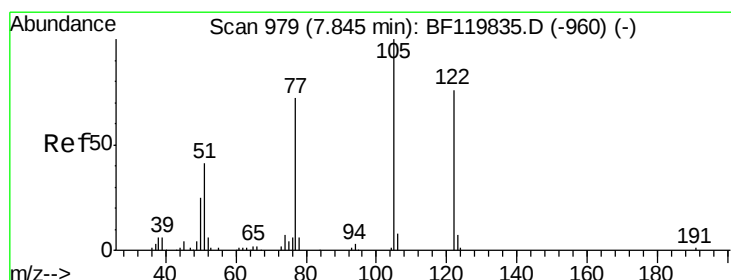
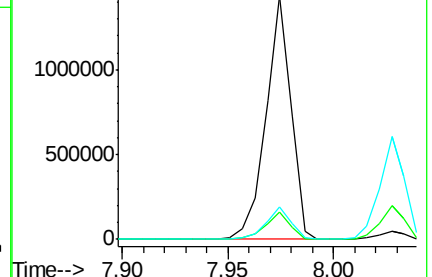
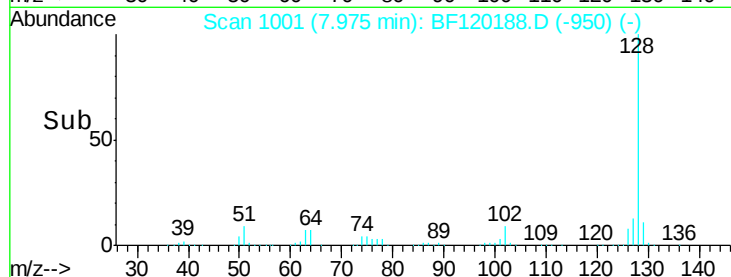
127 13.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.796 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

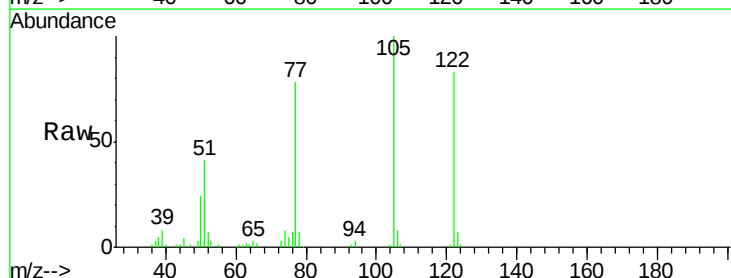
Tgt Ion:122 Resp: 230688

Ion Ratio Lower Upper

122 100

105 121.0 104.9 144.9

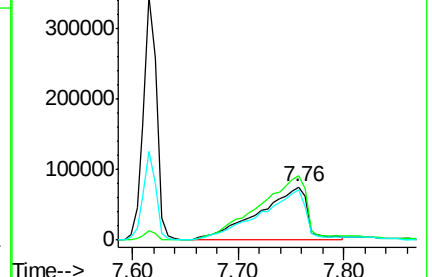
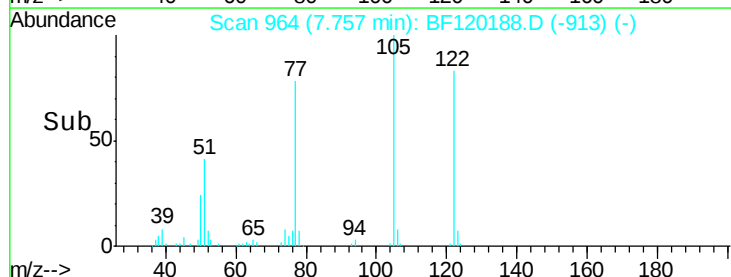
77 94.3 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

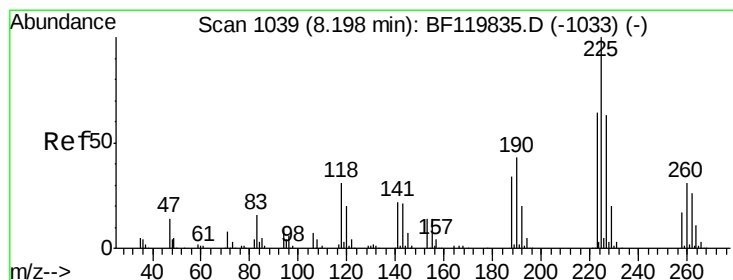
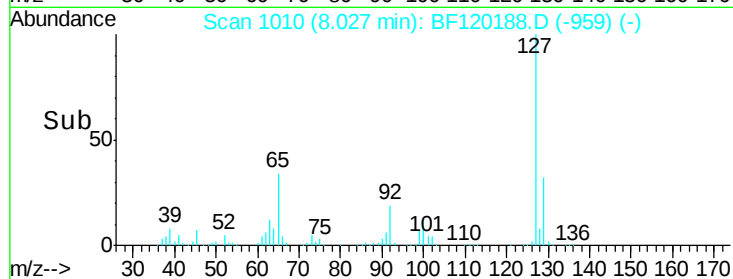
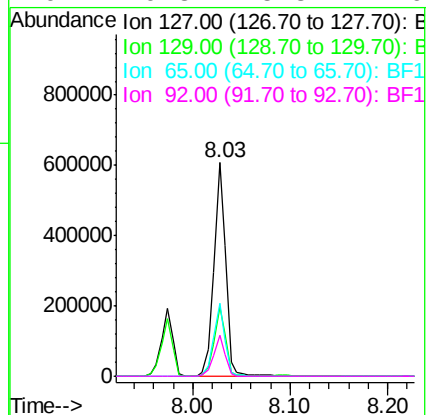
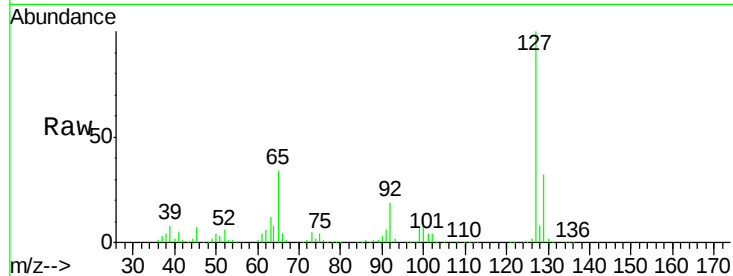




#33
4-Chloroaniline
Concen: 40.806 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

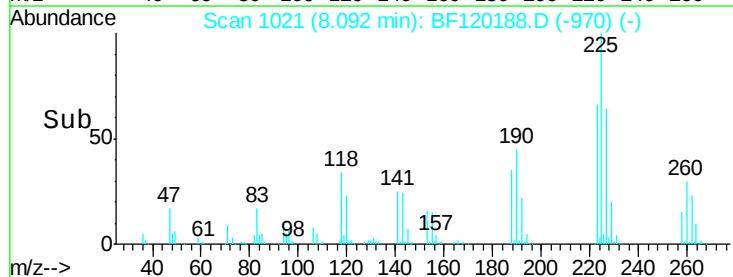
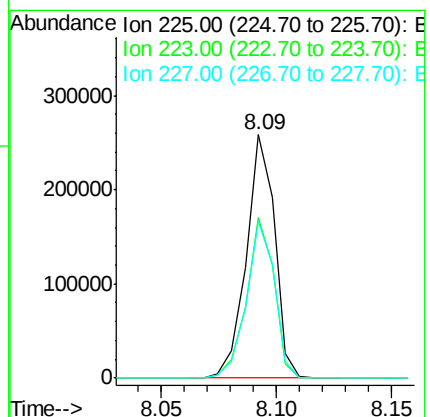
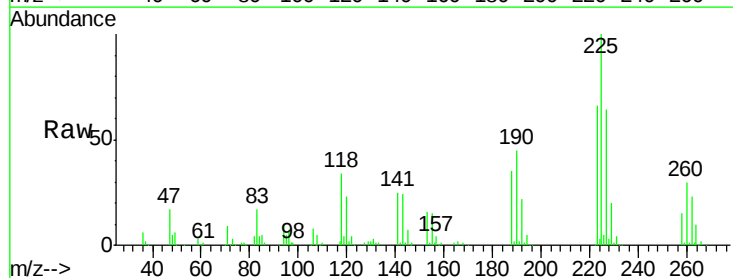
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	510919
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	34.4	27.4	41.0
92	19.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.872 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:	225	Resp:	222024
Ion	Ratio	Lower	Upper
225	100		
223	65.8	51.0	76.6
227	64.5	50.7	76.1

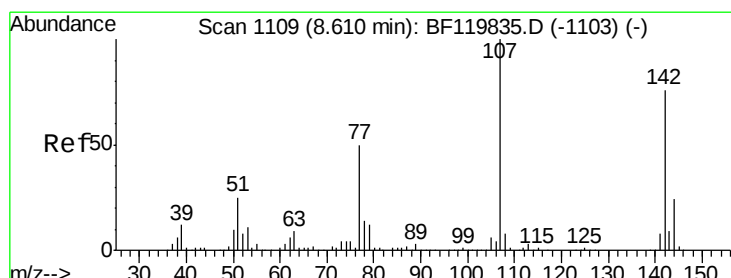
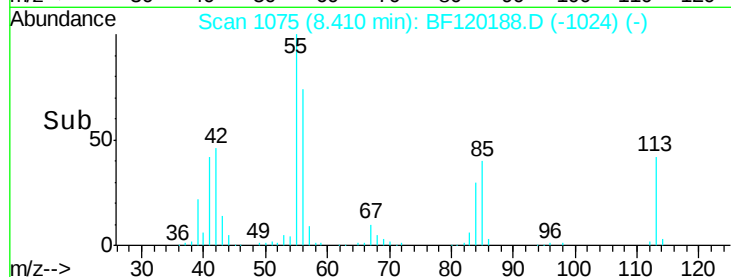
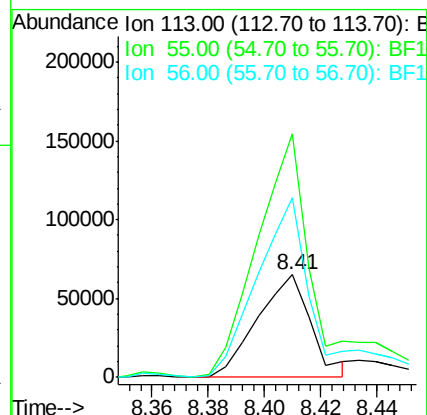
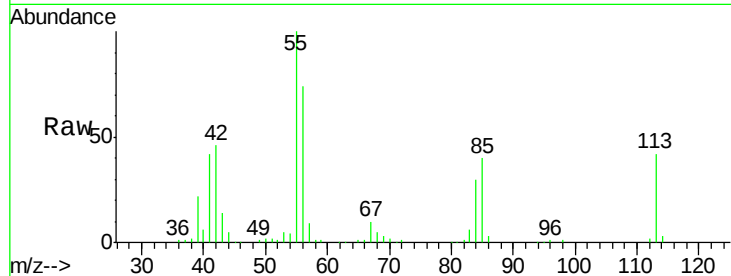




#35
Caprolactam
Concen: 34.117 ng
RT: 8.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

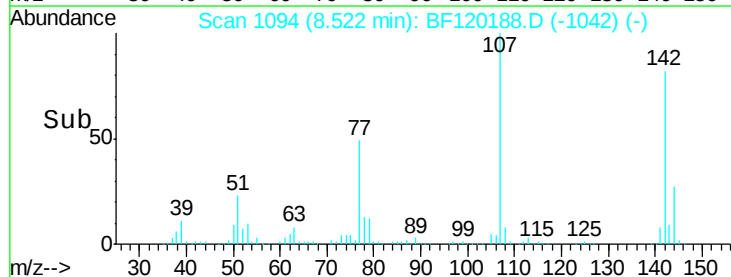
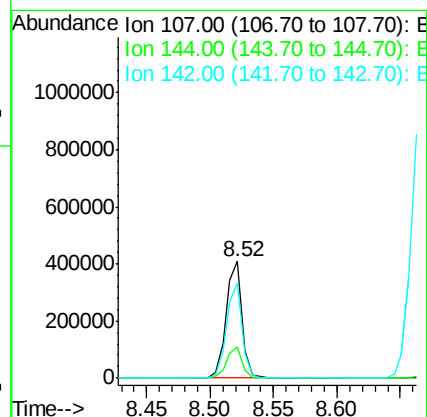
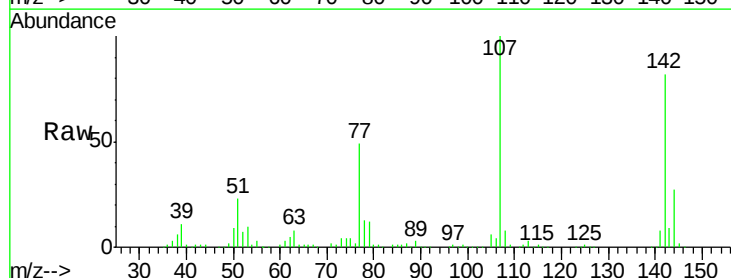
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

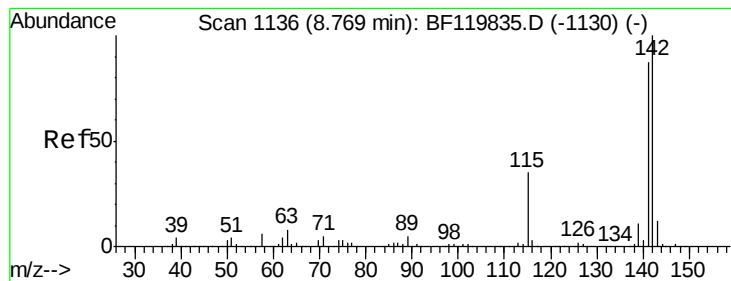
Tot Ion:113 Resp: 85678
Ion Ratio Lower Upper
113 100
55 237.4 218.4 258.4
56 174.6 148.9 188.9



#36
4-Chloro-3-methylphenol
Concen: 40.361 ng
RT: 8.52 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:107 Resp: 358742
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.6
142 82.1 64.4 96.6





#37

2-Methylnaphthalene

Concen: 40.796 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

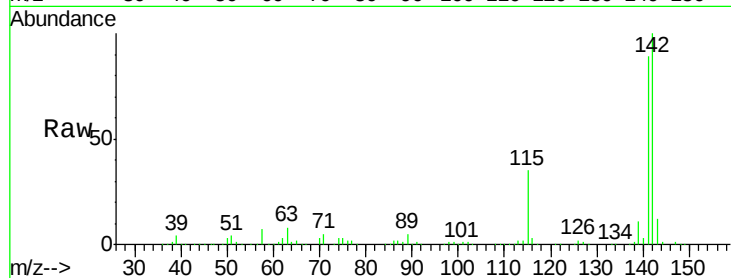
Tot Ion:142 Resp: 795464

Ion Ratio Lower Upper

142 100

141 88.6 71.7 107.5

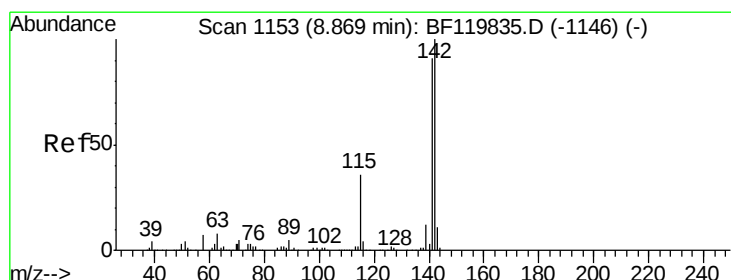
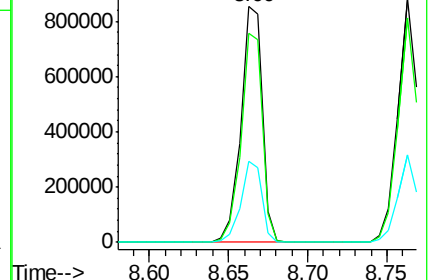
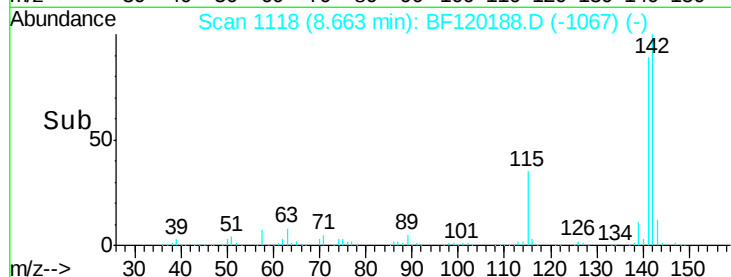
115 34.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.191 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

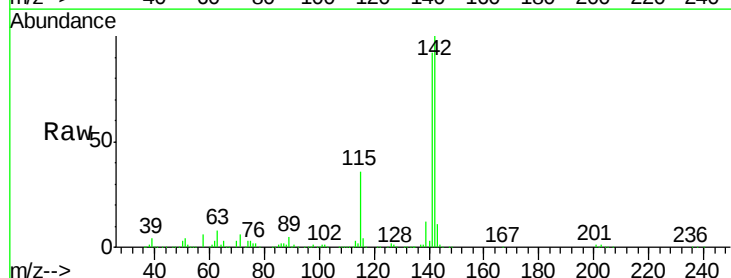
Tgt Ion:142 Resp: 738654

Ion Ratio Lower Upper

142 100

141 92.2 73.7 110.5

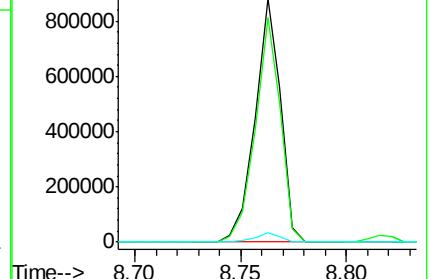
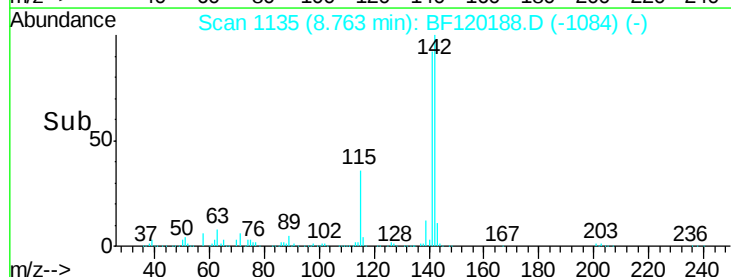
116 3.8 3.0 4.6

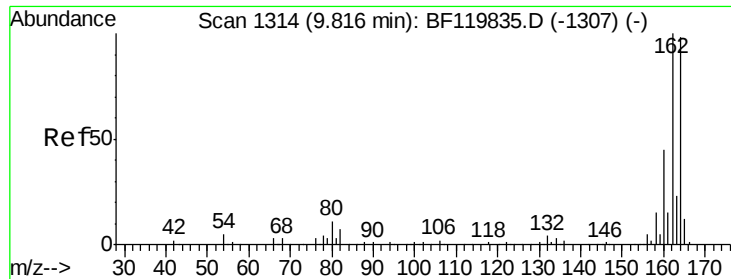


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

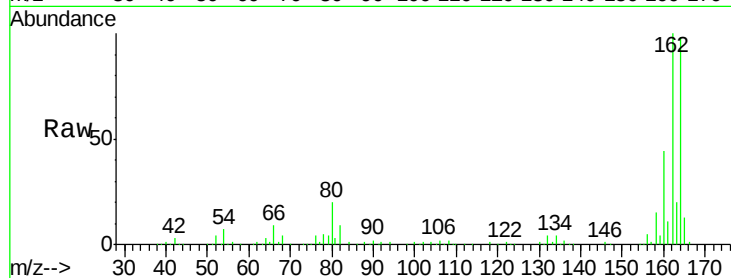
Tot Ion:164 Resp: 283358

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

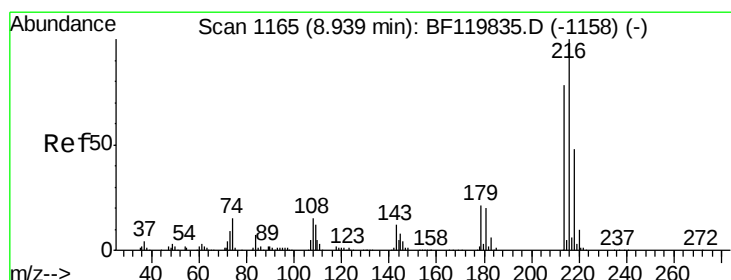
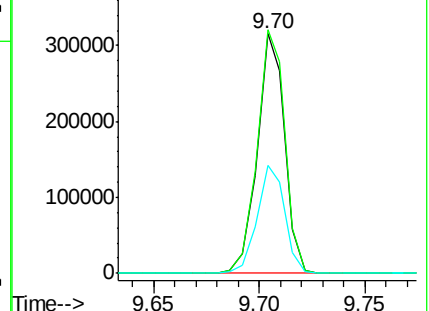
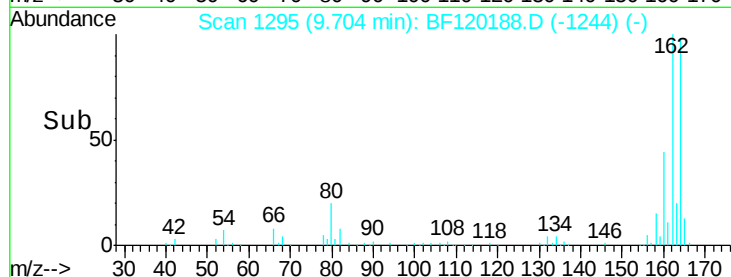
160 45.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.748 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:216 Resp: 364682

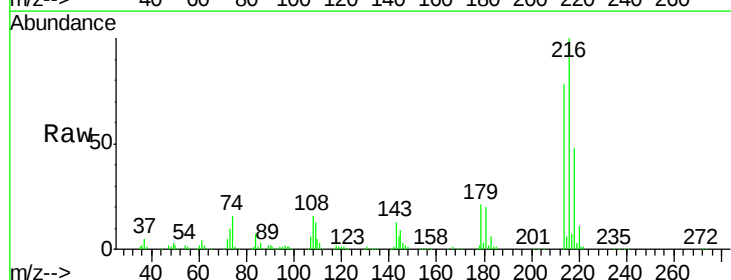
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 21.1 17.1 25.7

108 17.6 15.1 22.7

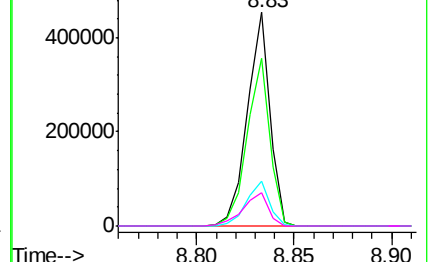
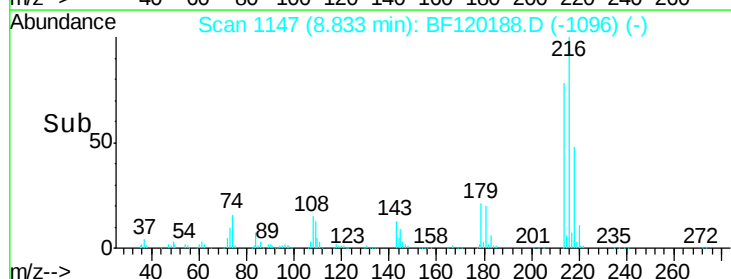


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.091 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

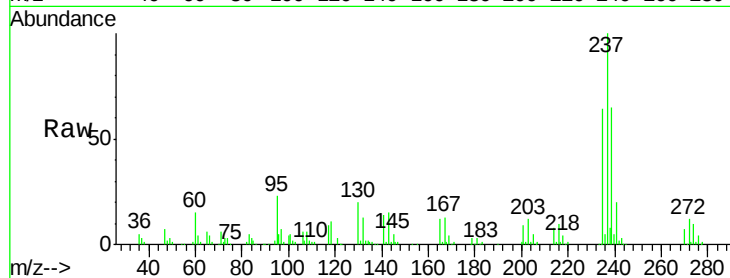
Tot Ion:237 Resp: 173493

Ion Ratio Lower Upper

237 100

235 64.4 43.2 83.2

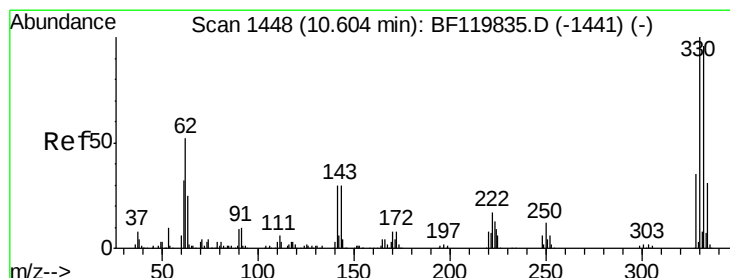
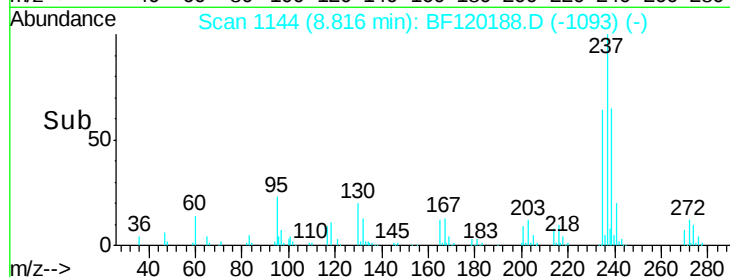
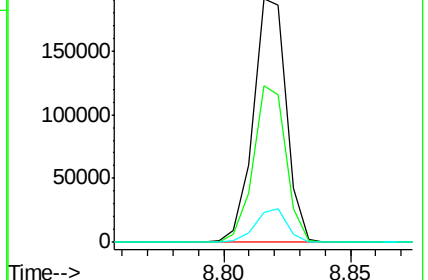
272 12.3 0.0 34.1



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: 70.966 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

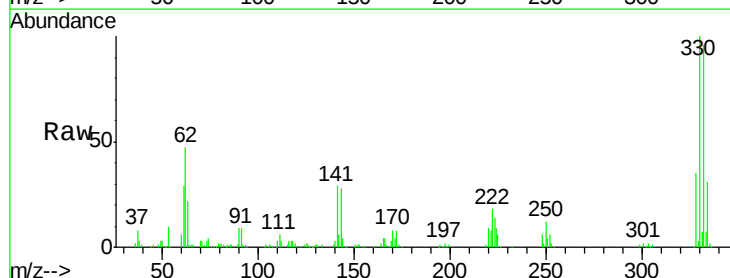
Tgt Ion:330 Resp: 246200

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

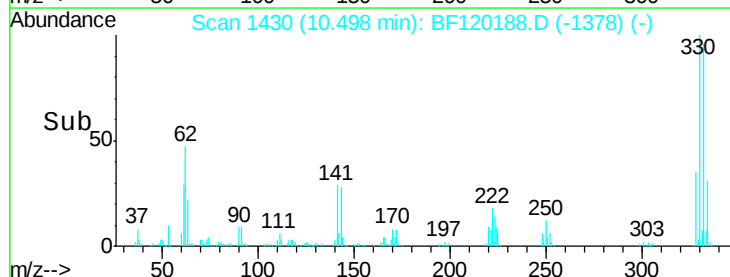
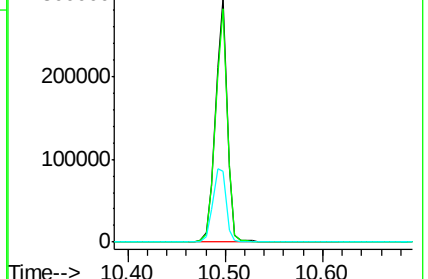
141 34.6 25.4 38.0

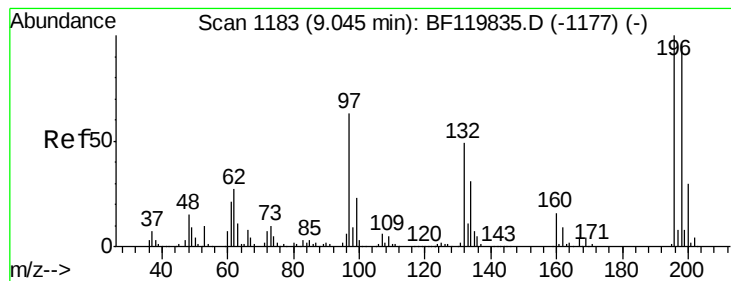


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.183 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

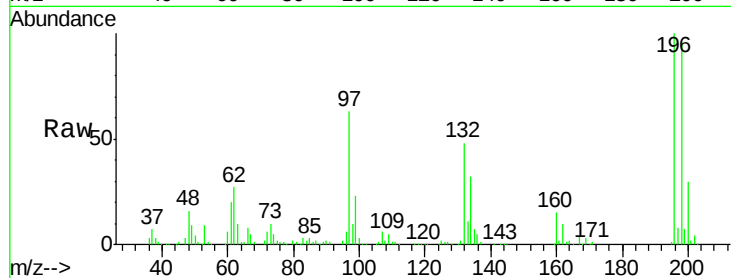
Tot Ion:196 Resp: 242156

Ion Ratio Lower Upper

196 100

198 96.5 76.6 115.0

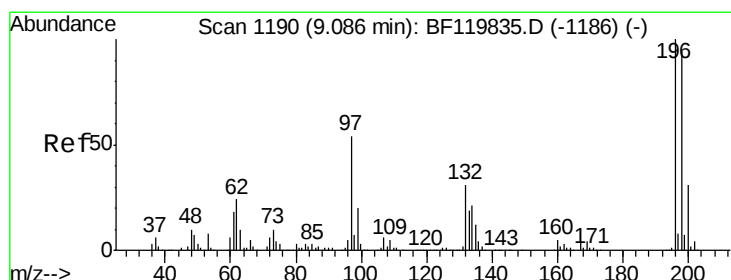
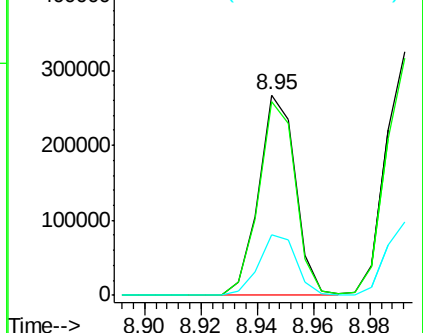
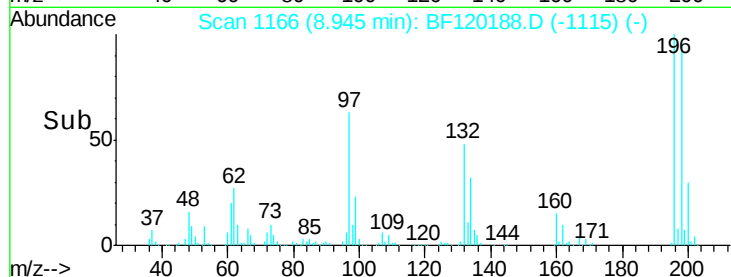
200 30.1 24.6 36.8



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: 39.099 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Tgt Ion:196 Resp: 272157

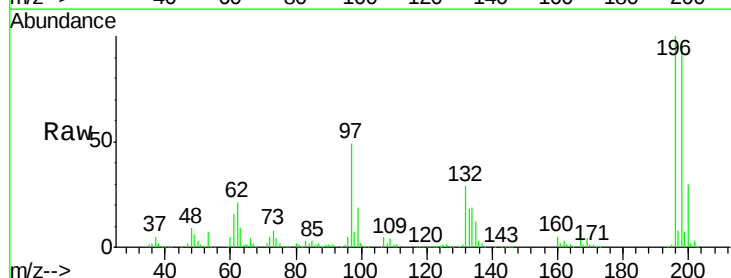
Ion Ratio Lower Upper

196 100

198 97.2 73.8 110.8

97 48.5 42.6 63.8

132 29.3 24.0 36.0

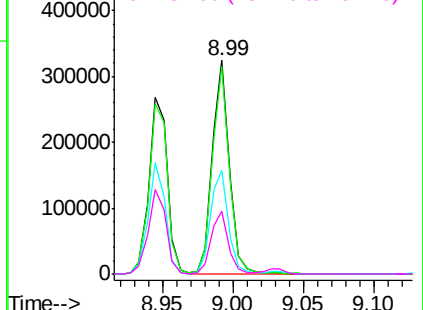
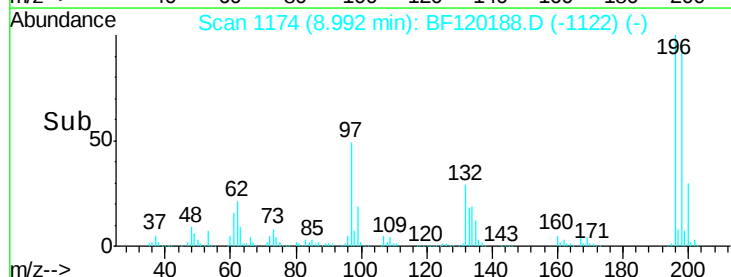


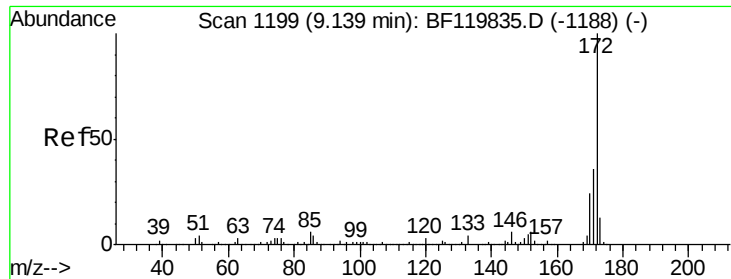
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

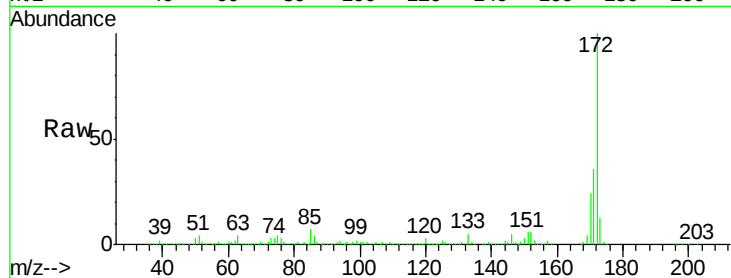




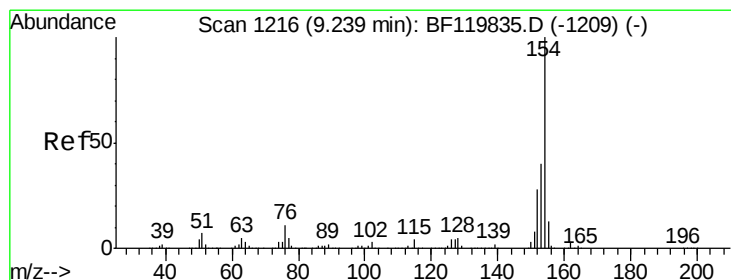
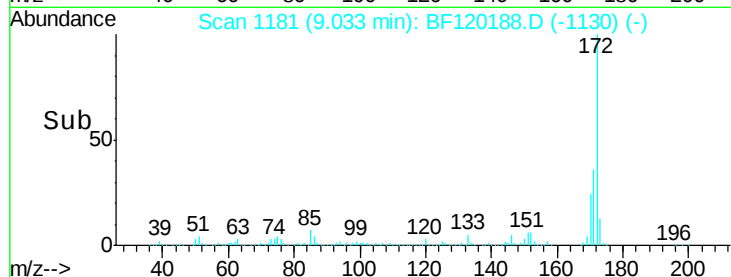
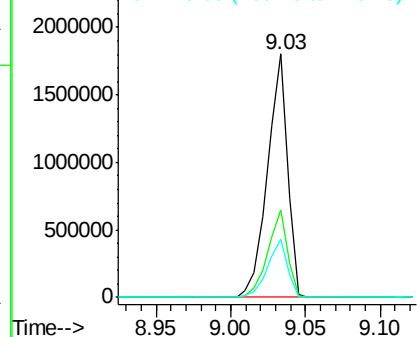
#45
2-Fluorobiphenyl
Concen: 82.786 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1652226
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 20.2 30.2

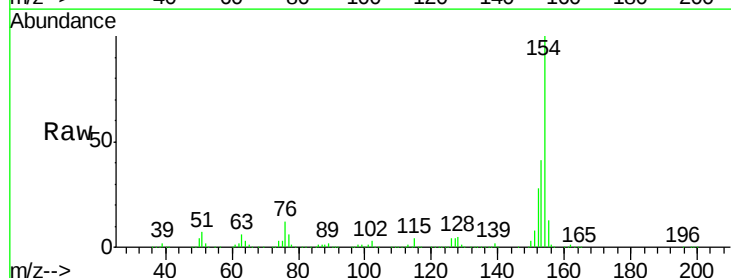


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

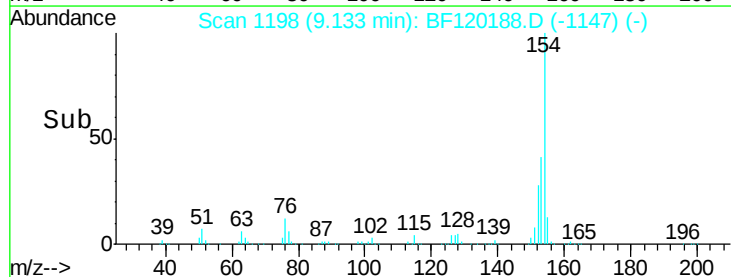
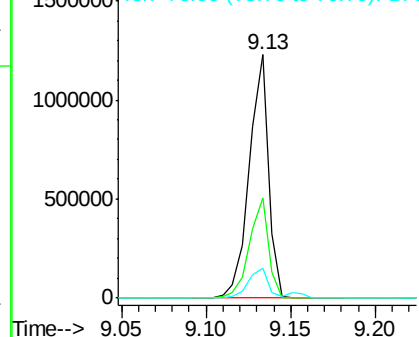


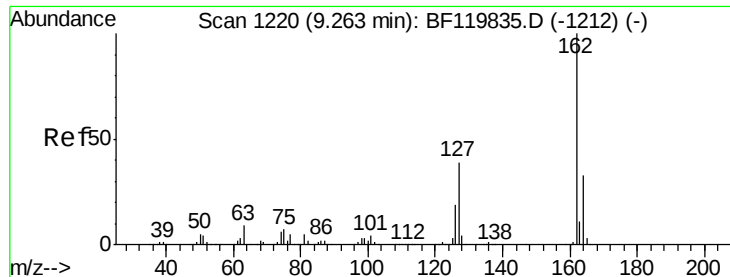
#46
1,1'-Biphenyl
Concen: 41.145 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:154 Resp: 984058
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 12.0 0.0 33.0



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

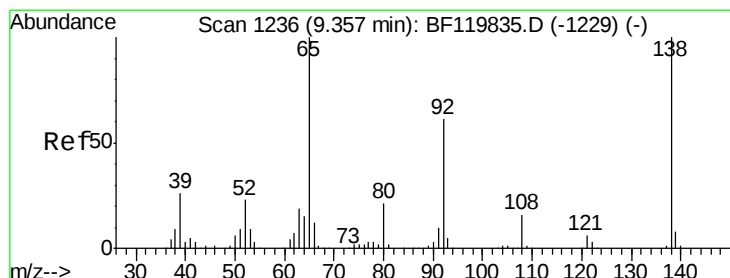
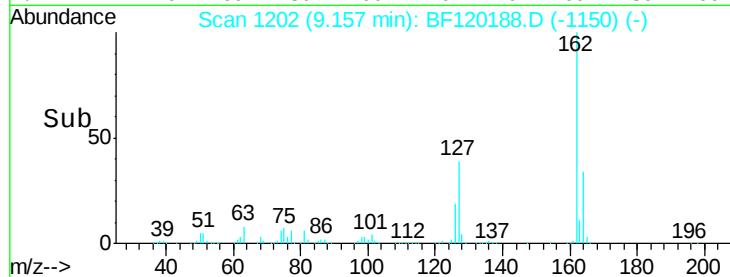
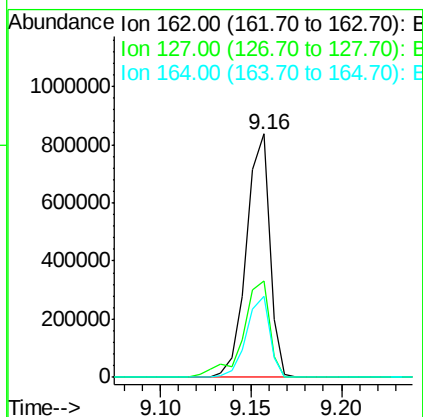
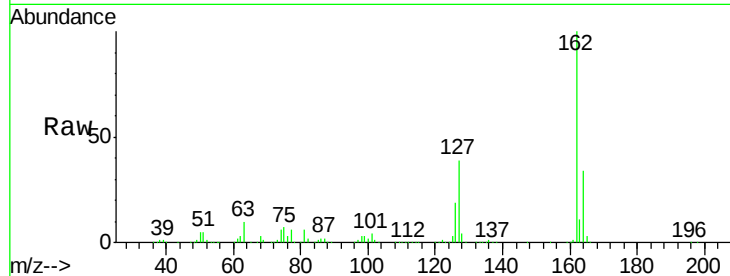




#47
2-Chloronaphthalene
Concen: 40.700 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

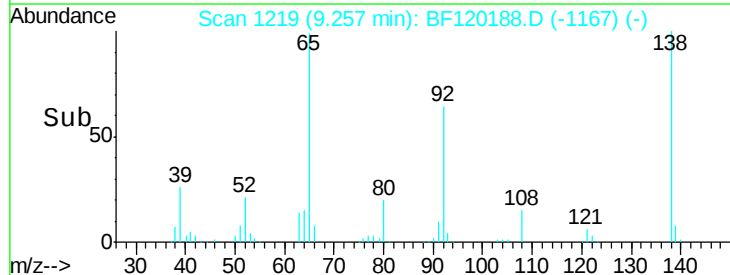
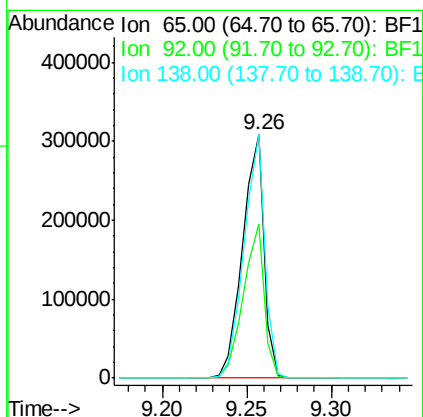
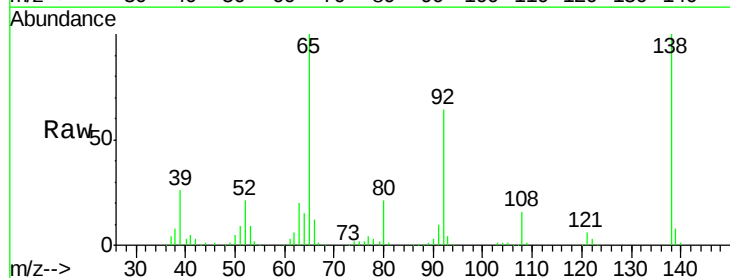
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

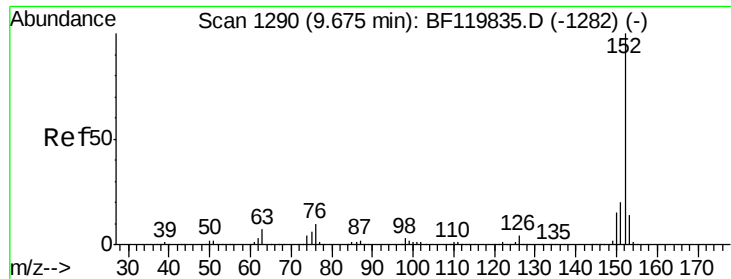
Tot Ion:162 Resp: 749868
Ion Ratio Lower Upper
162 100
127 39.4 33.7 50.5
164 33.5 26.3 39.5



#48
2-Nitroaniline
Concen: 40.903 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion: 65 Resp: 273103
Ion Ratio Lower Upper
65 100
92 63.5 50.0 75.0
138 100.0 75.0 112.4





#49

Acenaphthylene

Concen: 40.819 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

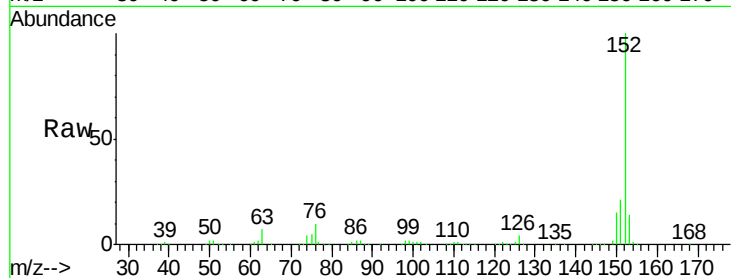
Tot Ion:152 Resp: 1143756

Ion Ratio Lower Upper

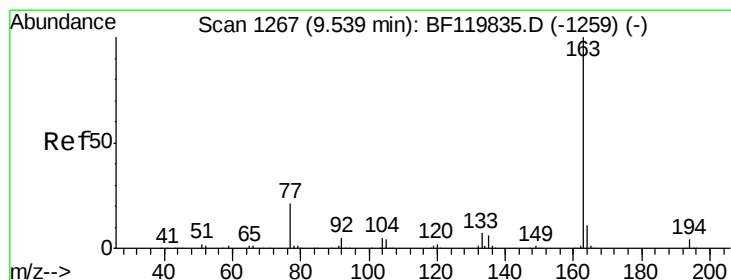
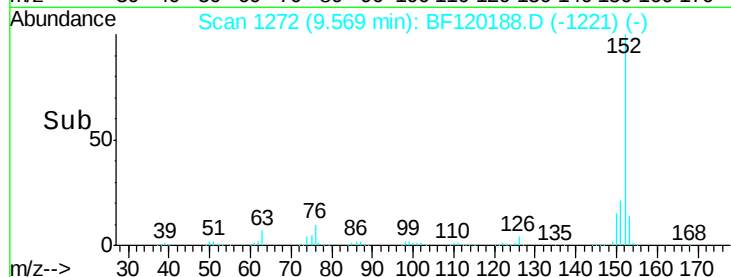
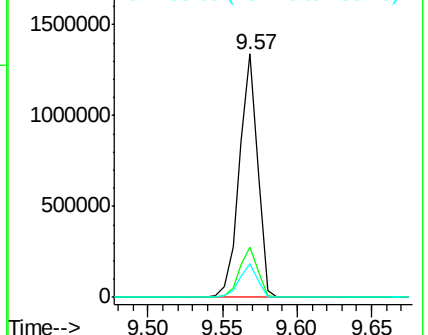
152 100

151 20.6 17.2 25.8

153 13.6 11.2 16.8



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



#50

Dimethylphthalate

Concen: 40.188 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

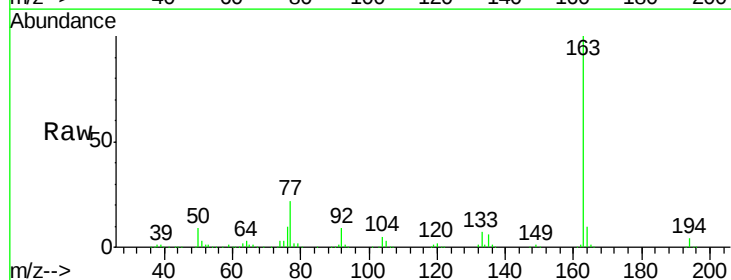
Tgt Ion:163 Resp: 880814

Ion Ratio Lower Upper

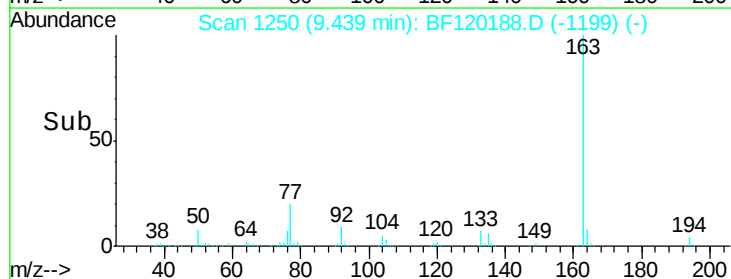
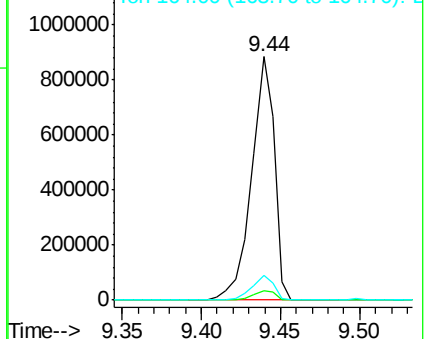
163 100

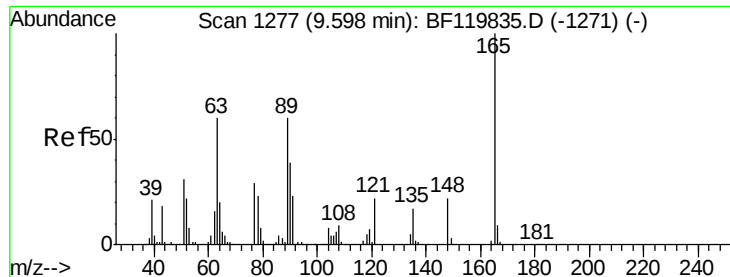
194 3.8 3.1 4.7

164 10.2 8.2 12.2



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

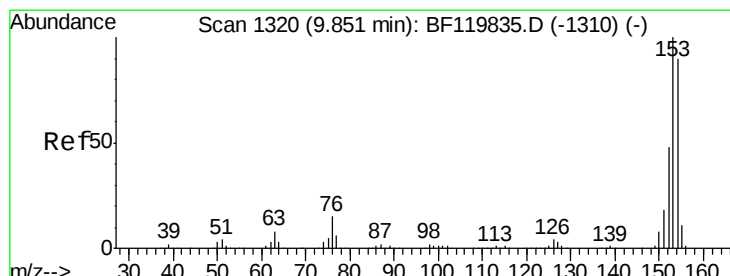
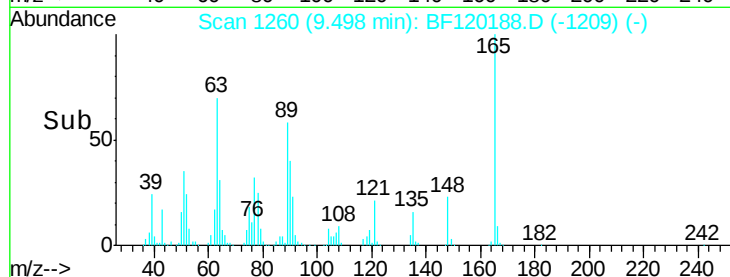
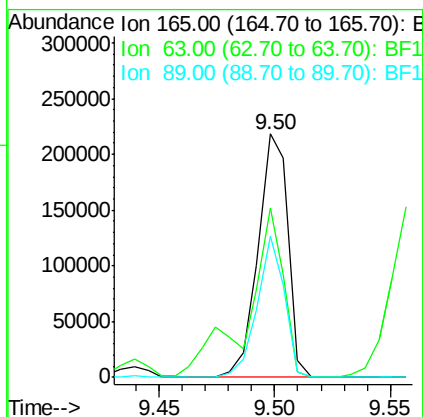
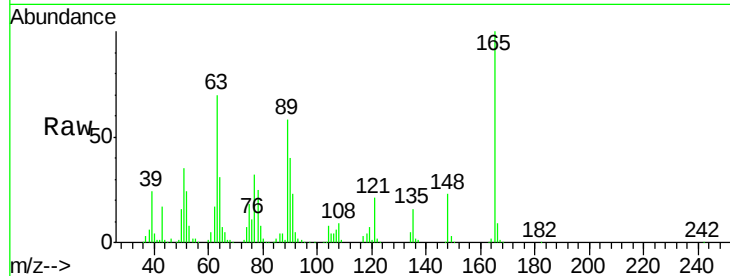




#51
 2,6-Dinitrotoluene
 Concen: 41.132 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

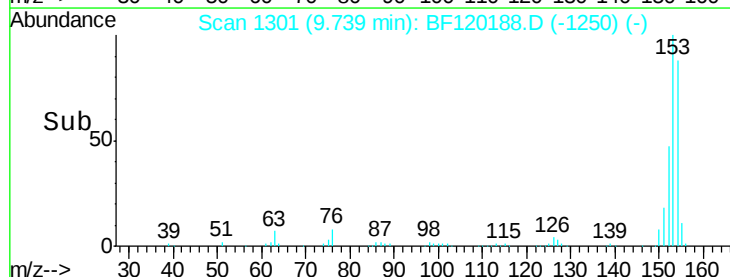
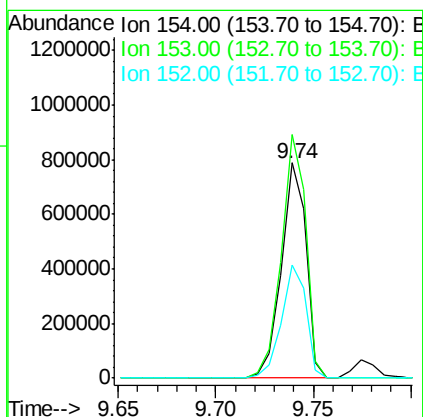
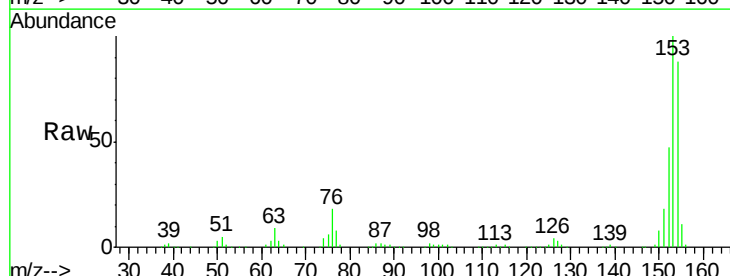
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

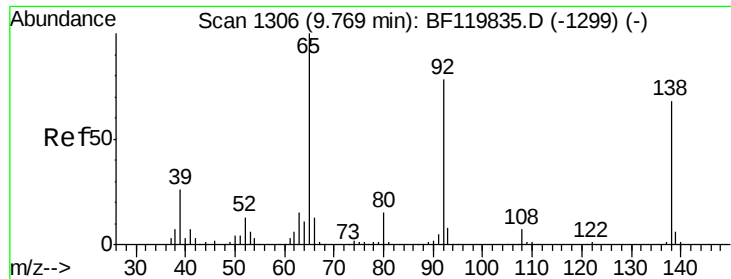
Tot Ion:165 Resp: 197415
 Ion Ratio Lower Upper
 165 100
 63 69.6 45.0 67.4#
 89 58.1 41.5 62.3



#52
 Acenaphthene
 Concen: 37.047 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:154 Resp: 692458
 Ion Ratio Lower Upper
 154 100
 153 113.2 88.1 132.1
 152 52.8 43.0 64.4

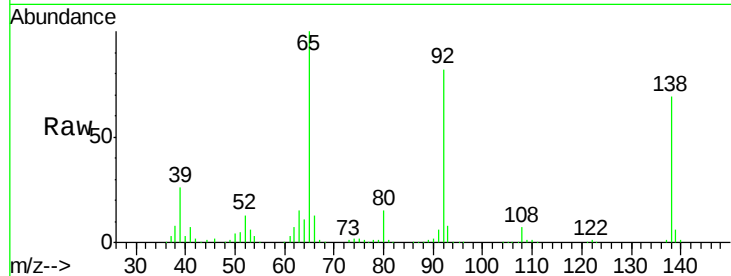




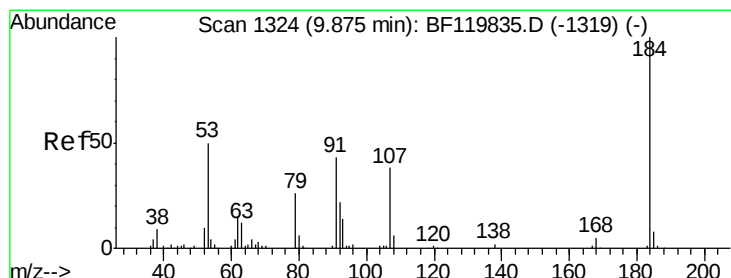
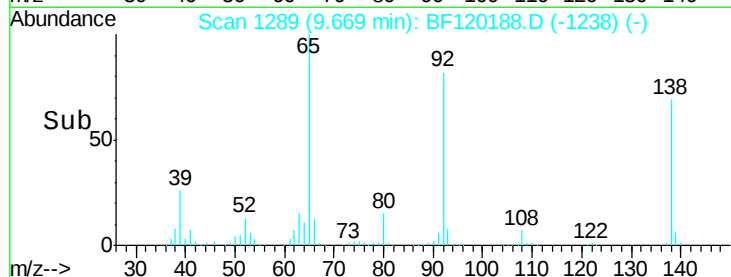
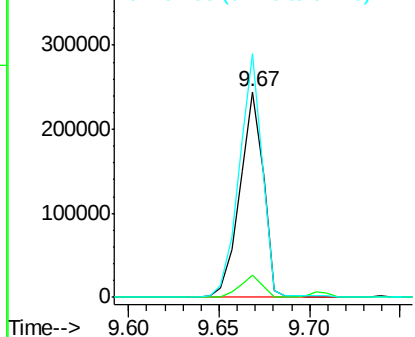
#53
 3-Nitroaniline
 Concen: 39.902 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 218724
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.6 13.0
 92 118.6 95.4 143.0

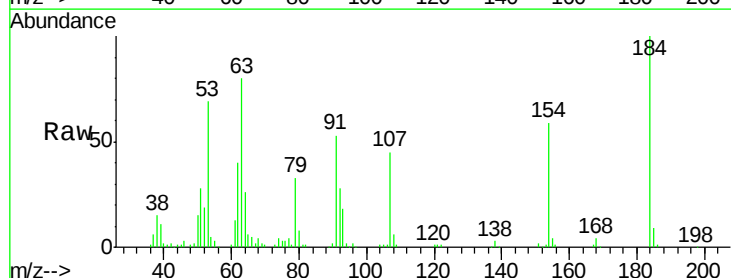


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

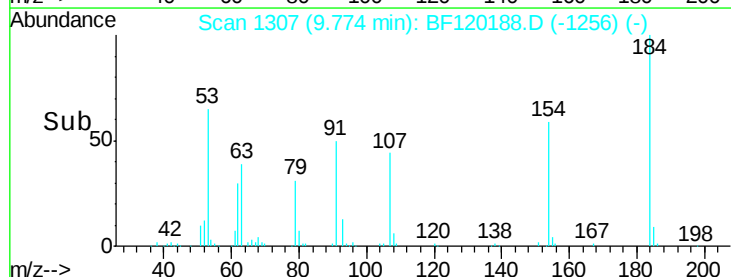
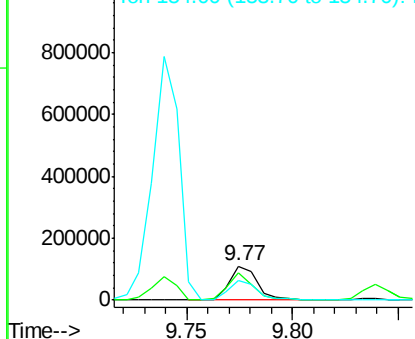


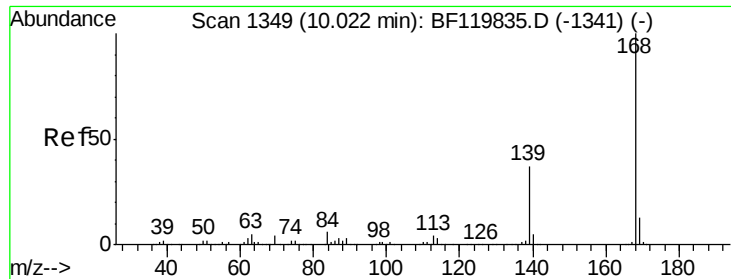
#54
 2,4-Dinitrophenol
 Concen: 35.463 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:184 Resp: 101903
 Ion Ratio Lower Upper
 184 100
 63 80.1 50.2 75.4#
 154 59.5 44.5 66.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

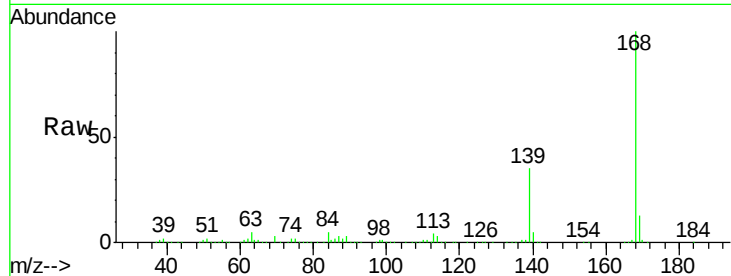




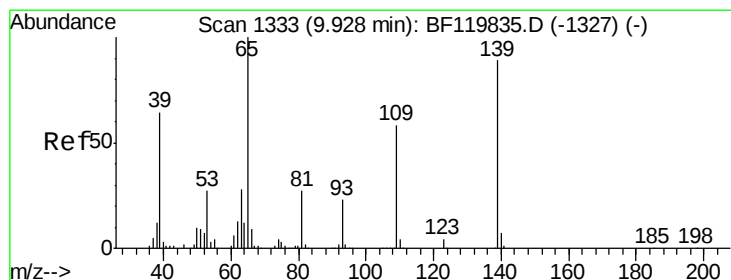
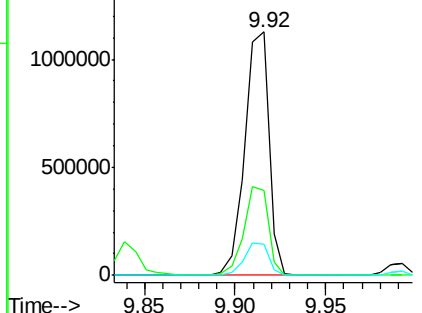
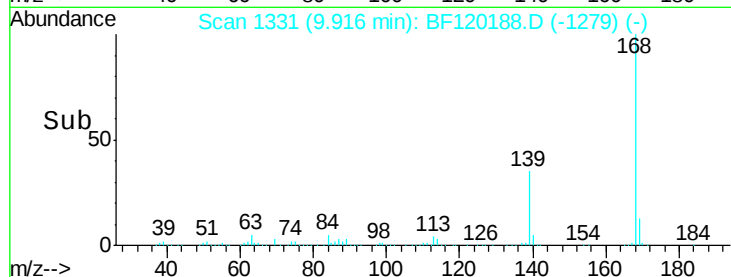
#55
Dibenzofuran
Concen: 40.838 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1047447
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 12.9 11.0 16.6

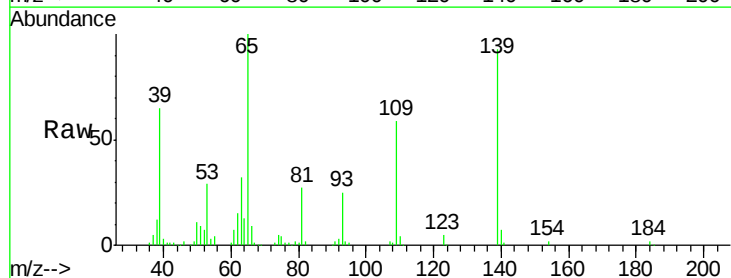


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

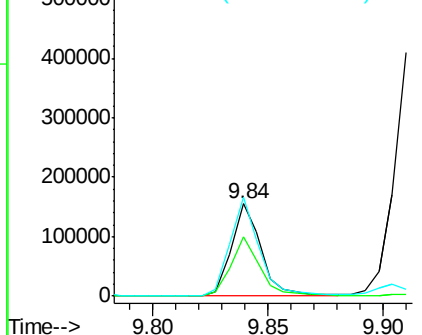
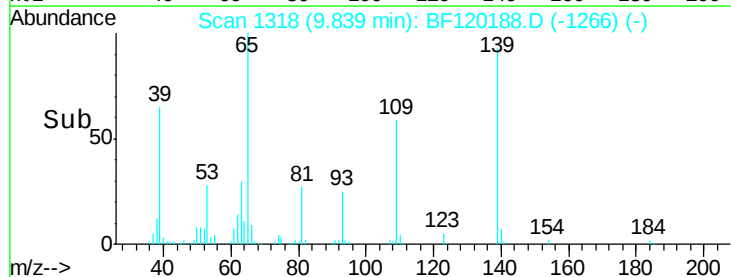


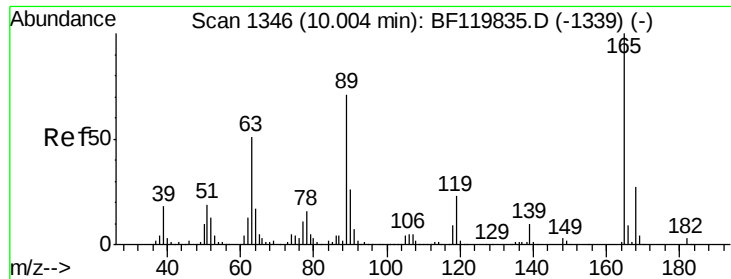
#56
4-Nitrophenol
Concen: 34.282 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:139 Resp: 139819
Ion Ratio Lower Upper
139 100
109 63.9 43.3 83.3
65 108.0 91.0 131.0



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

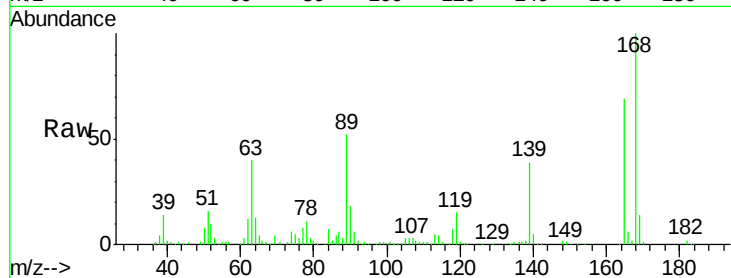




#57
 2,4-Dinitrotoluene
 Concen: 39.471 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	249591
Ion	Ratio	Lower	Upper
165	100		
63	58.2	42.6	64.0
89	75.8	61.0	91.4
182	2.4	2.2	3.2

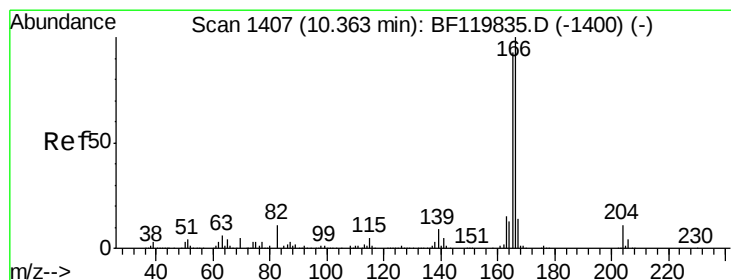
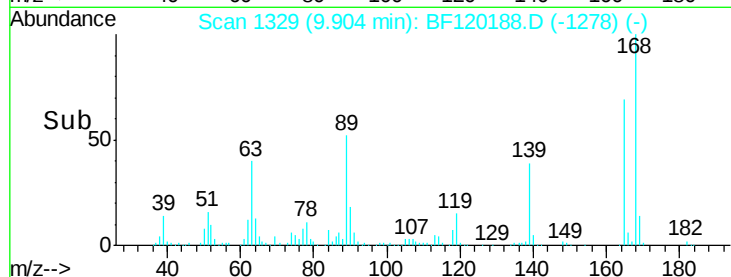
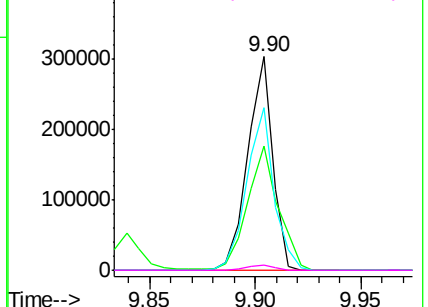


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

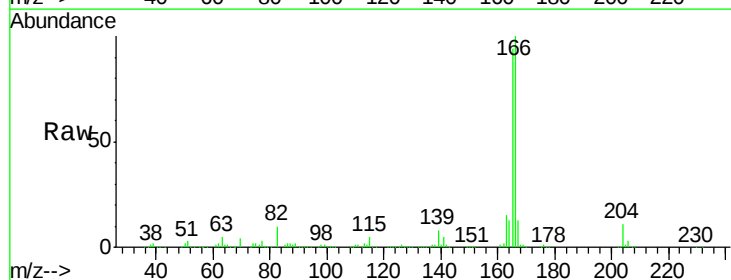
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.983 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

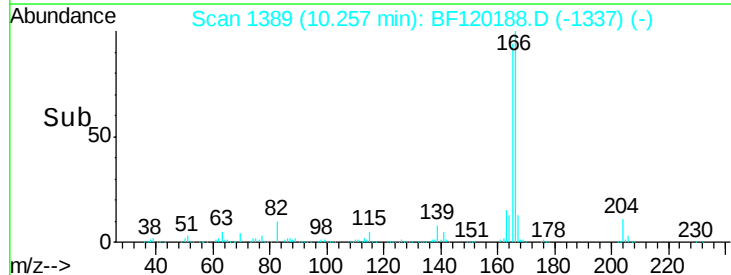
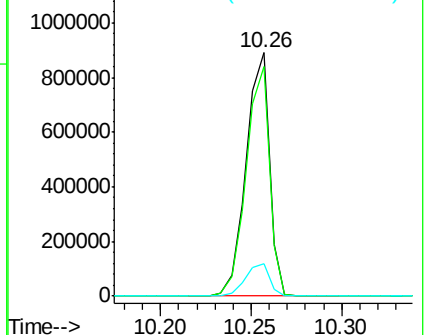
Tgt Ion:	166	Resp:	799640
Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.4	113.2
167	13.3	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

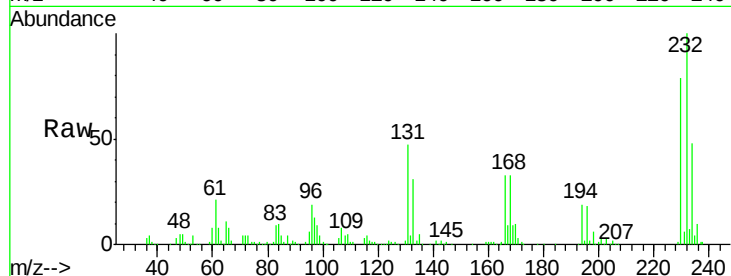




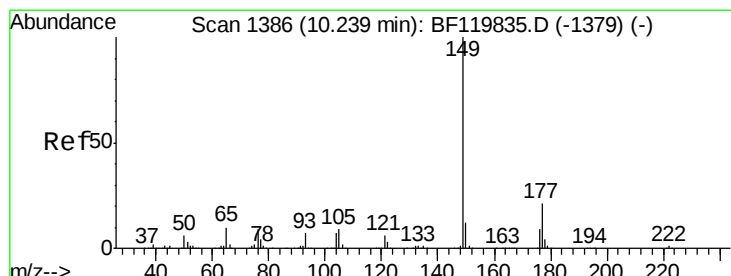
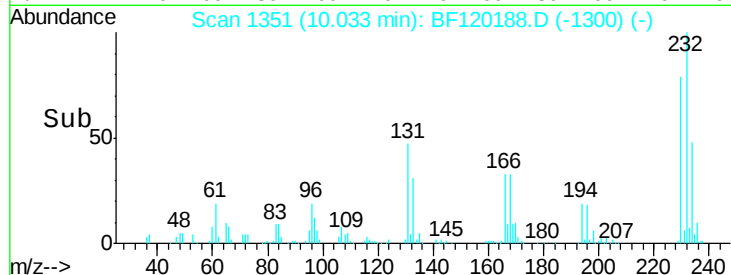
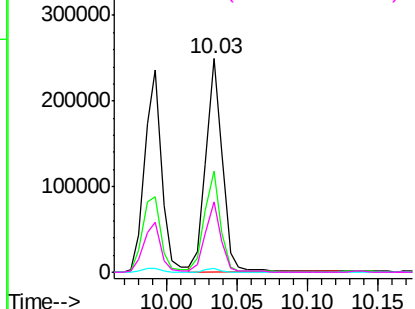
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.167 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	203189
Ion Ratio	Lower	Upper
232	100	
131	46.3	37.5 56.3
130	1.9	1.8 2.6
166	32.1	24.6 36.8

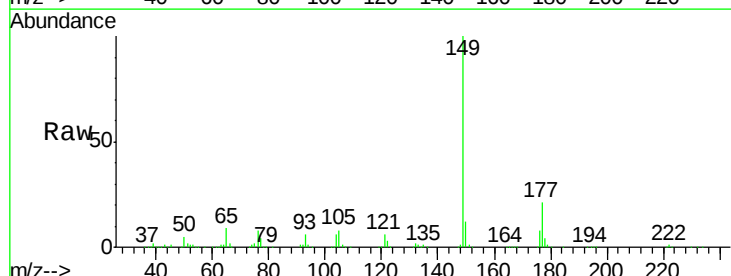


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

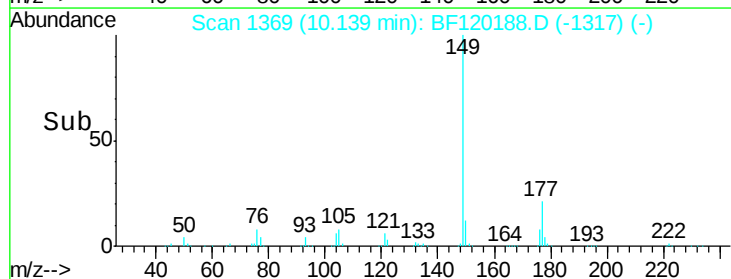
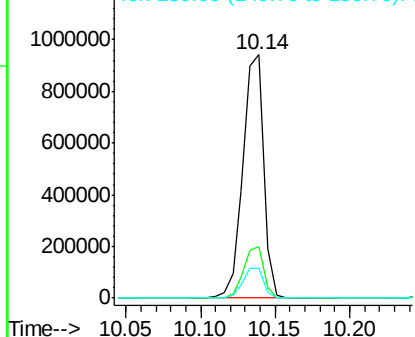


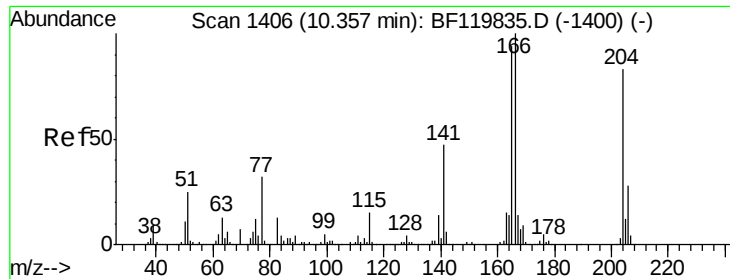
#60
 Diethylphthalate
 Concen: 40.093 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:149	Resp:	910754
Ion Ratio	Lower	Upper
149	100	
177	21.1	17.0 25.6
150	12.1	10.1 15.1



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

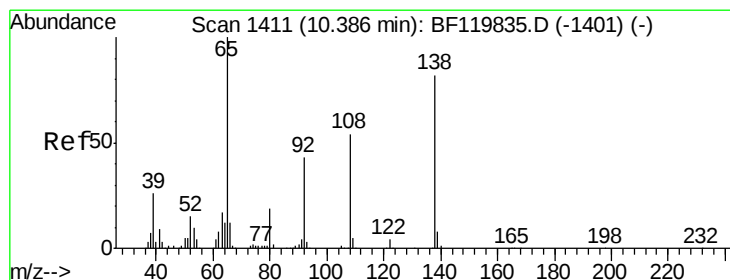
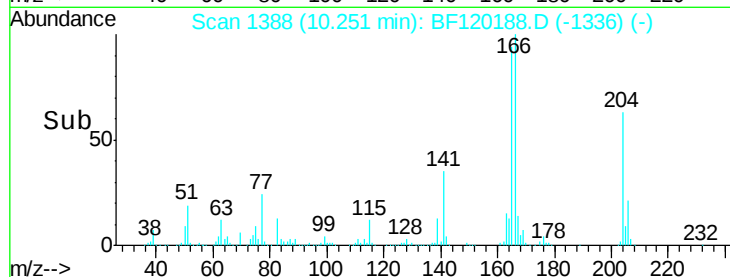
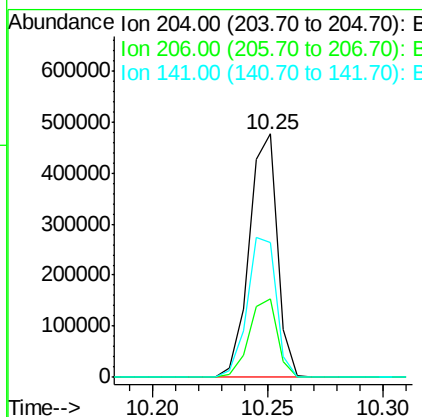
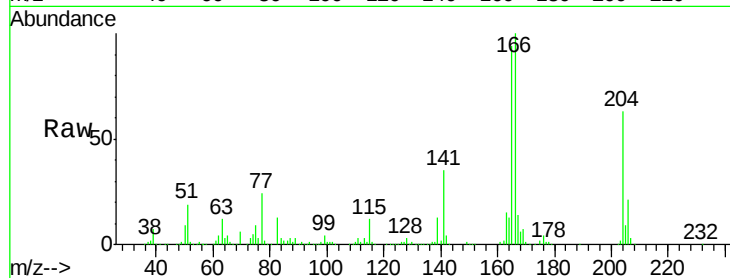




#61
 4-Chlorophenyl-phenylether
 Concen: 38.769 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

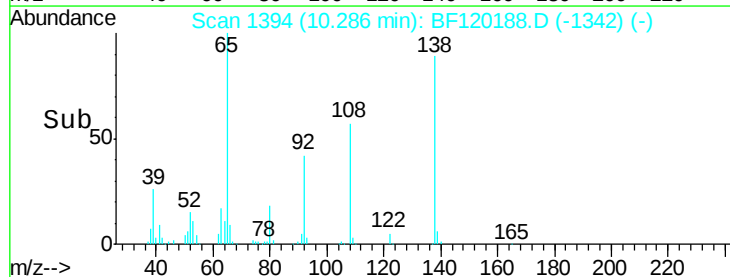
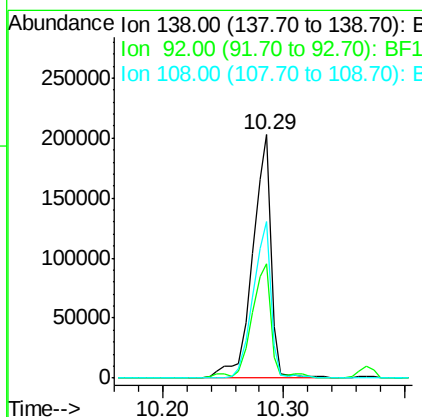
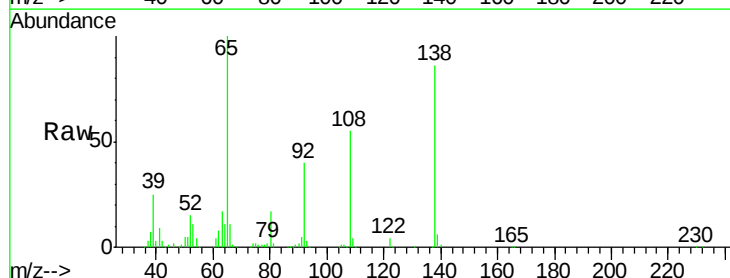
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

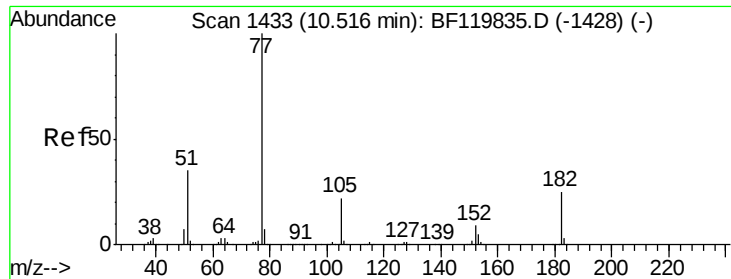
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	55.6	47.3	70.9



#62
 4-Nitroaniline
 Concen: 41.685 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	31.5	71.5
108	64.2	45.8	85.8





#63

Azobenzene

Concen: 40.542 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 825332

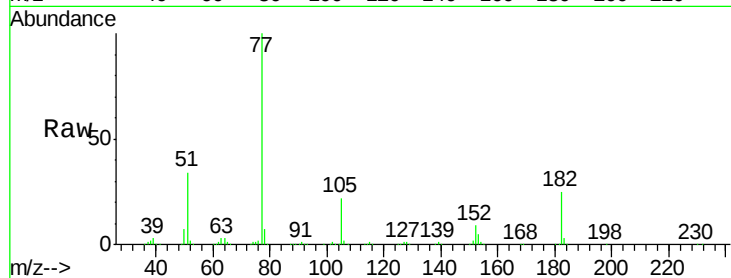
Ion Ratio Lower Upper

77 100

182 25.3 4.4 44.4

105 22.3 2.6 42.6

51 33.8 15.1 55.1

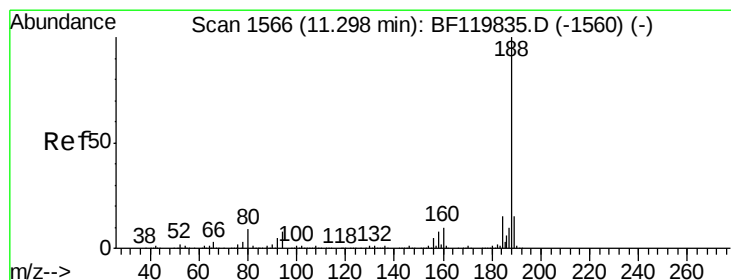
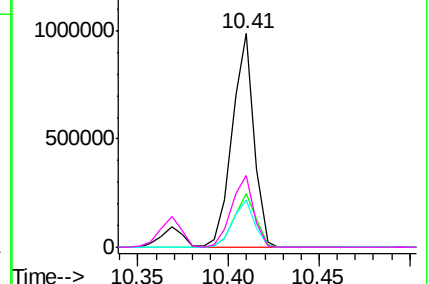
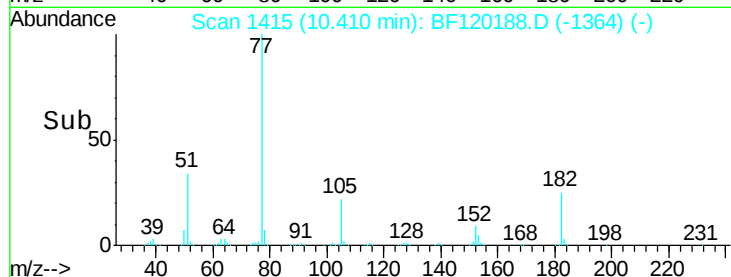


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

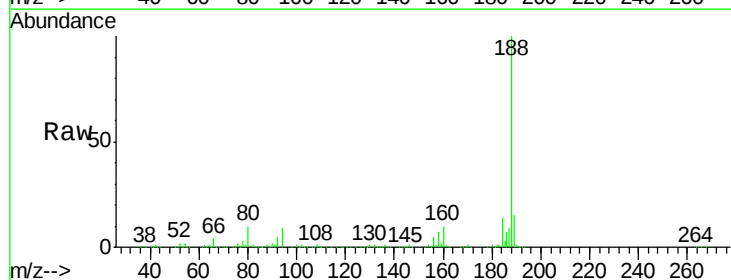
Tgt Ion: 188 Resp: 516747

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

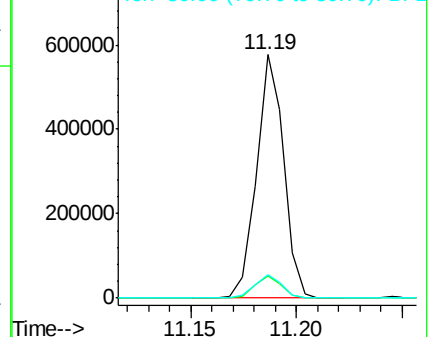
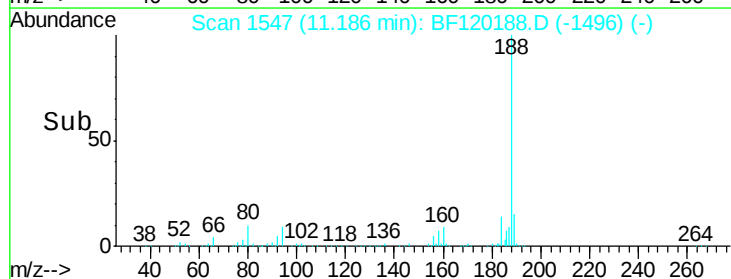
80 9.7 9.0 13.4

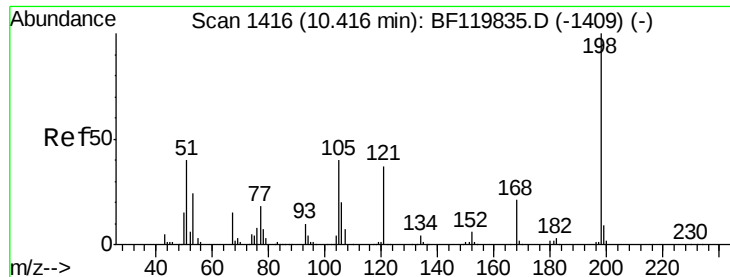


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

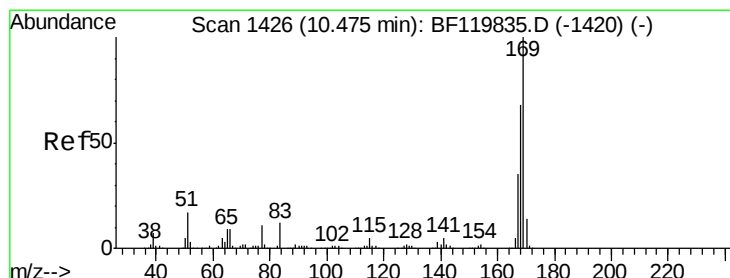
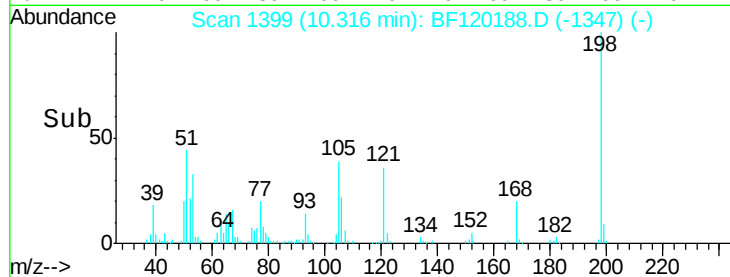
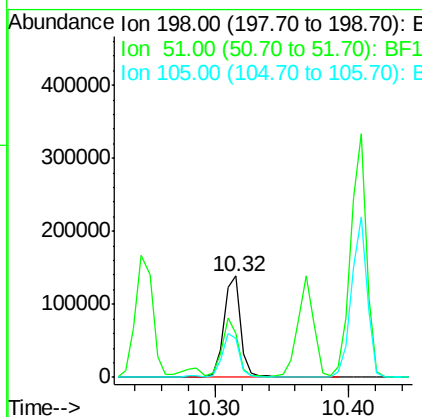
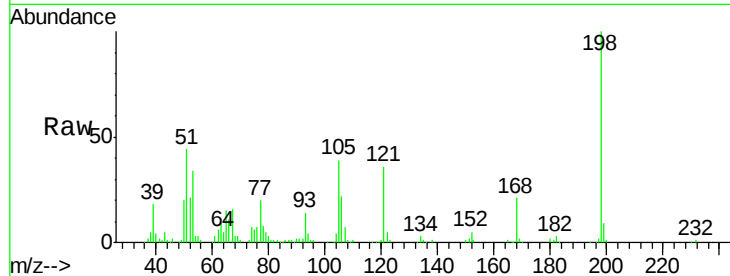




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.649 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

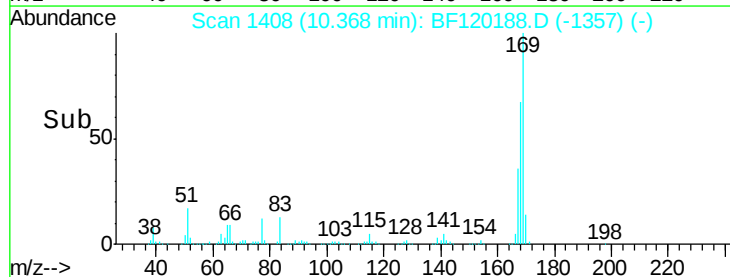
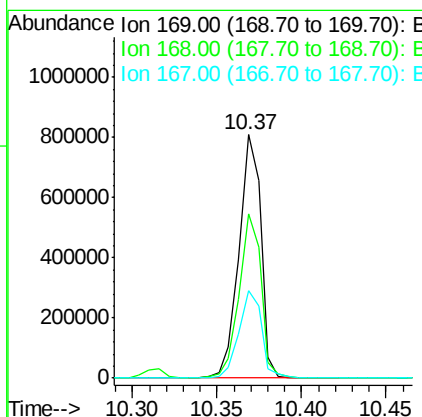
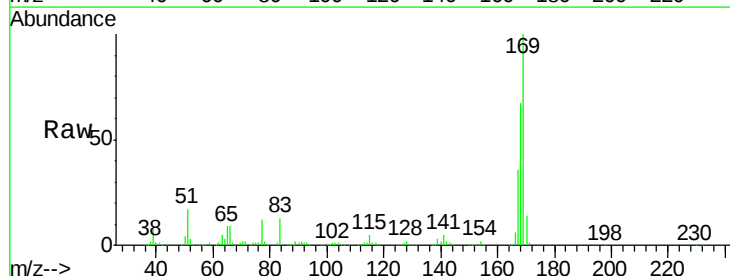
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	198	Resp	124766
Ion Ratio	Lower	Upper	
198	100		
51	44.0	29.0	69.0
105	38.7	22.2	62.2



#66
 n-Nitrosodiphenylamine
 Concen: 42.365 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion	169	Resp	728058
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.2	79.8
167	35.9	29.1	43.7

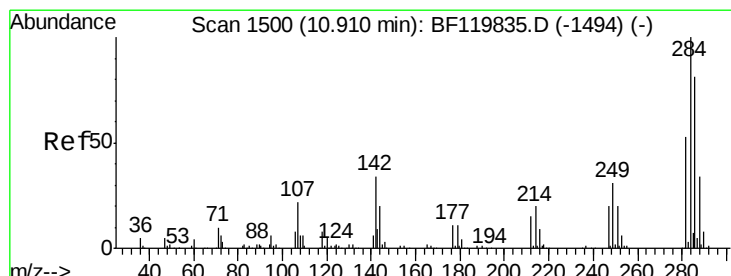
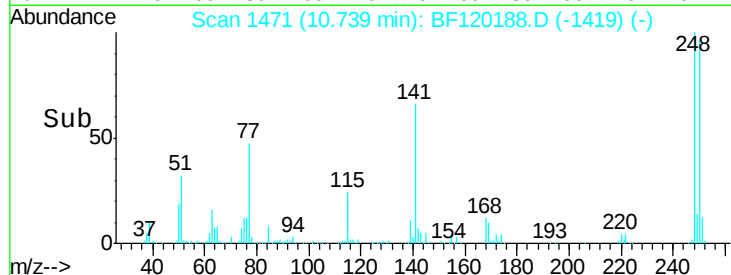
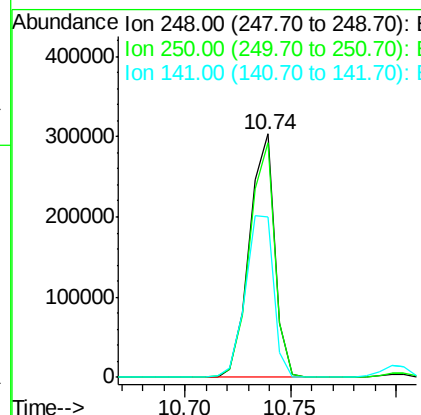
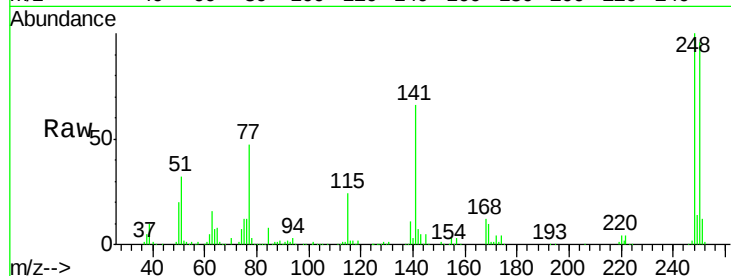




#67
 4-Bromophenyl-phenylether
 Concen: 39.282 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

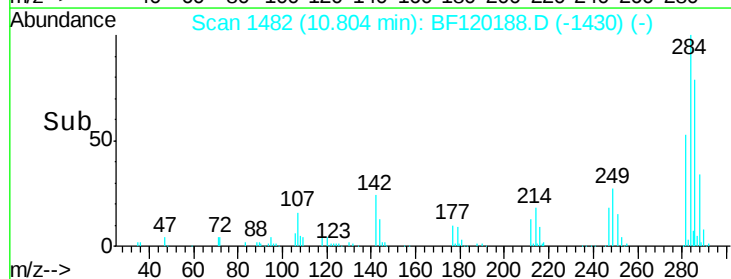
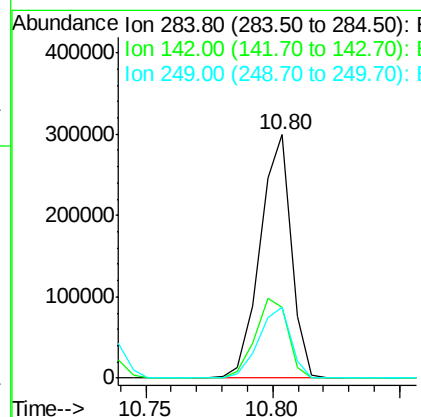
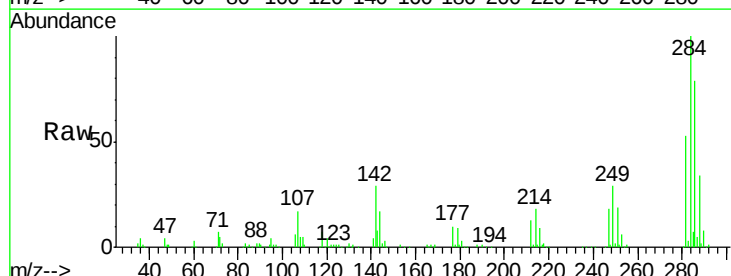
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

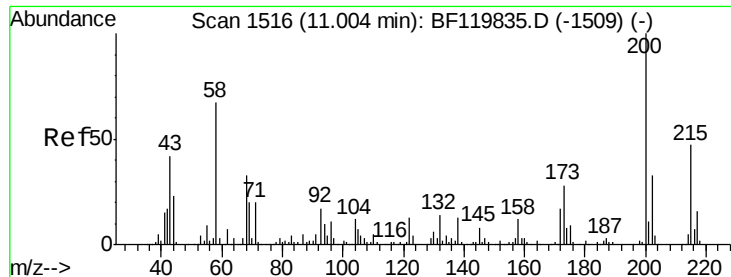
Tot Ion:	248	Resp:	252436
Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.3	115.9
141	65.7	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 39.488 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:	284	Resp:	257430
Ion	Ratio	Lower	Upper
284	100		
142	29.3	29.2	43.8
249	29.0	25.1	37.7





#69

Atrazine

Concen: 41.200 ng

RT: 10.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

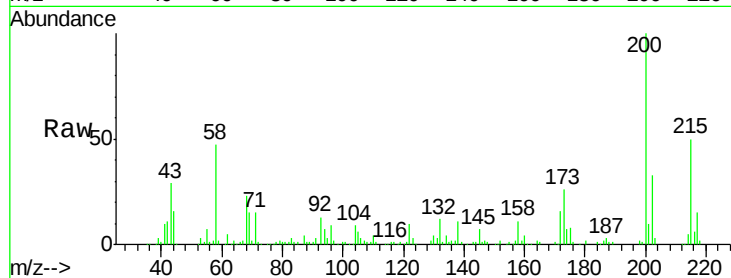
Tot Ion:200 Resp: 197000

Ion Ratio Lower Upper

200 100

173 26.2 9.3 49.3

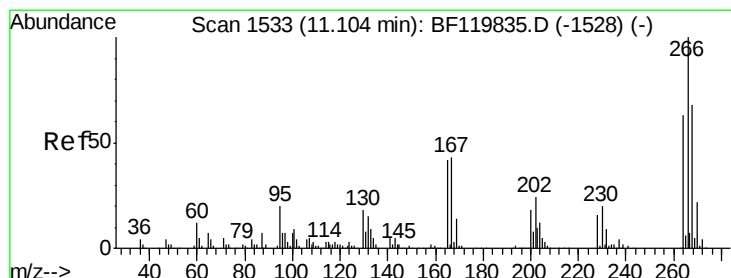
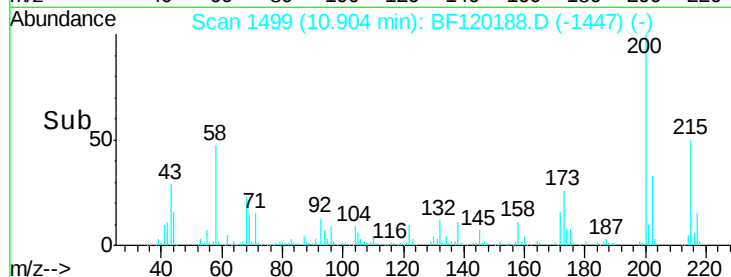
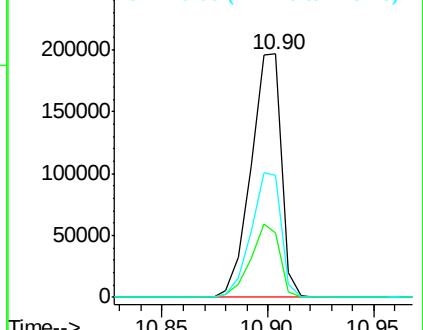
215 50.3 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.021 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

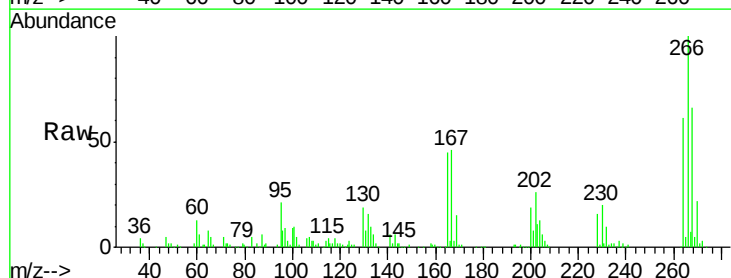
Tgt Ion:266 Resp: 139085

Ion Ratio Lower Upper

266 100

268 66.0 53.3 79.9

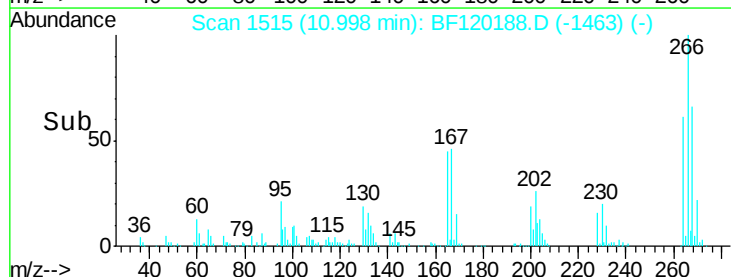
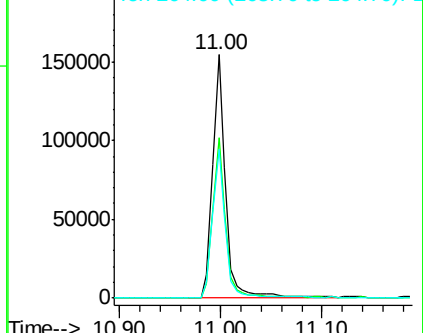
264 60.9 49.0 73.4

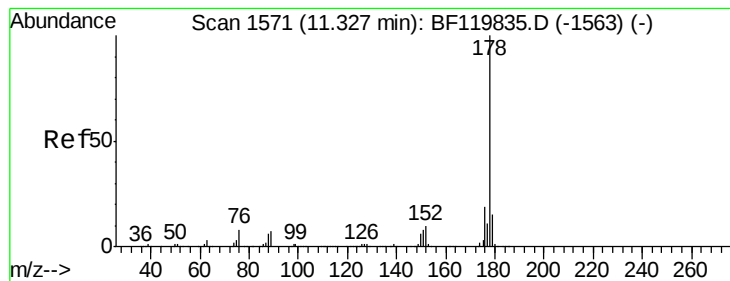


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.941 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

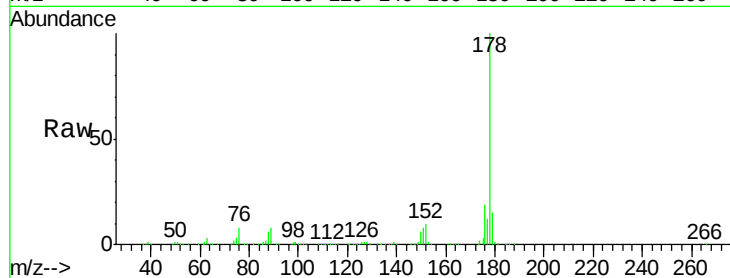
Tot Ion:178 Resp: 1125946

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

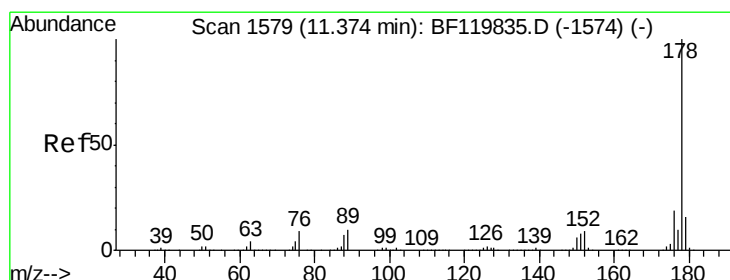
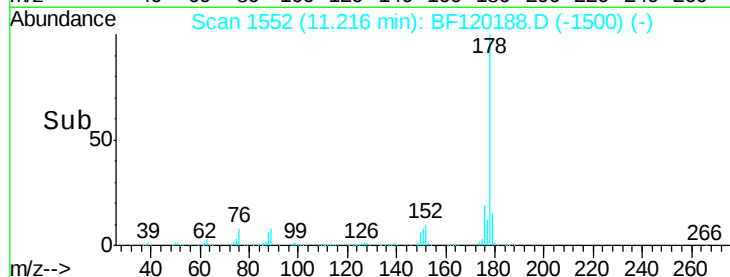
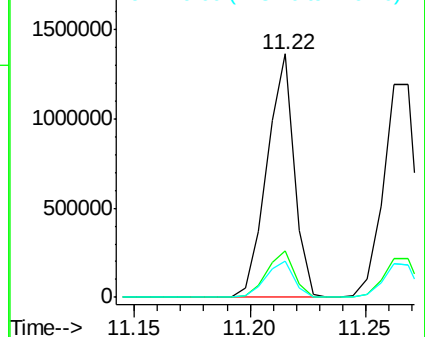
179 15.2 13.2 19.8



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: 40.721 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

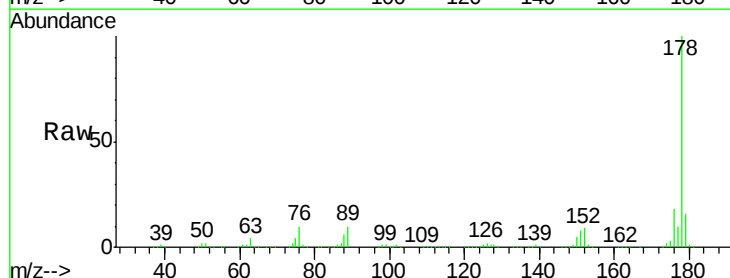
Tgt Ion:178 Resp: 1144032

Ion Ratio Lower Upper

178 100

176 18.1 16.1 24.1

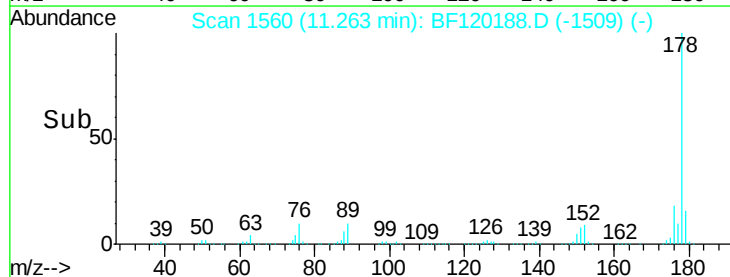
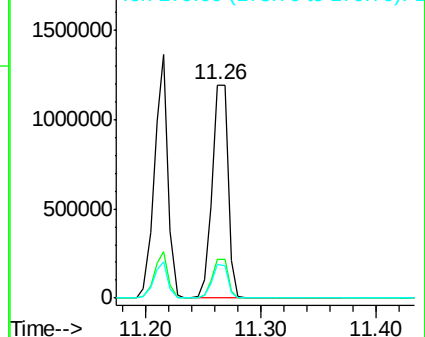
179 15.7 13.0 19.4

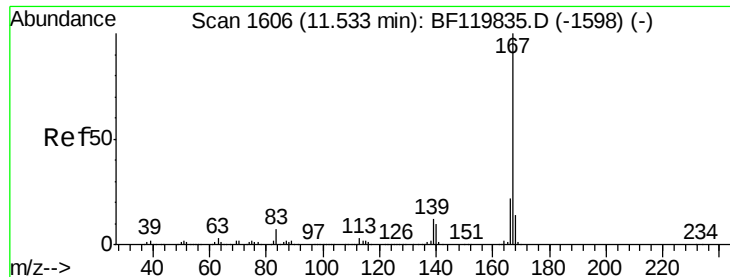


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



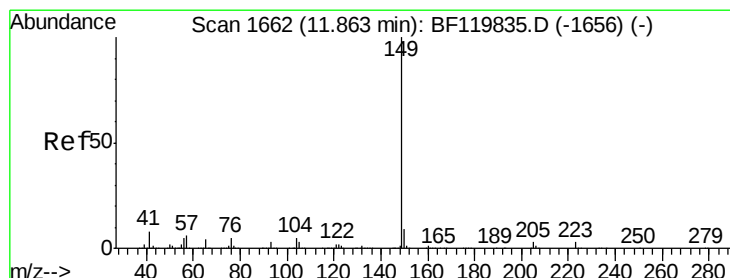
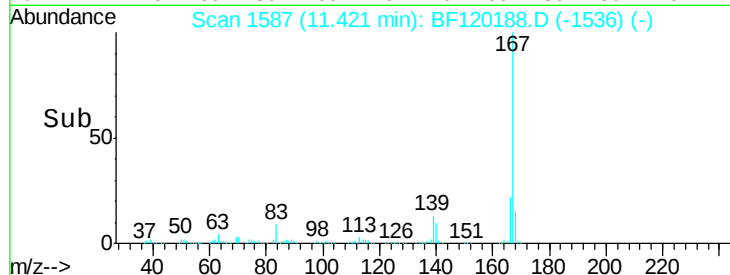
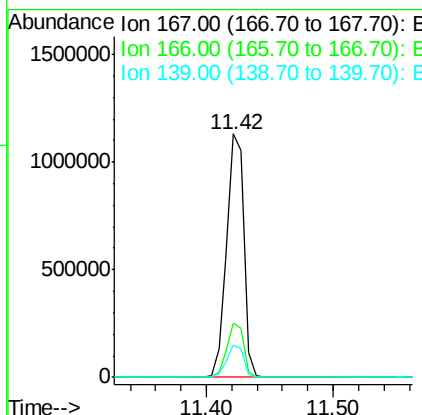
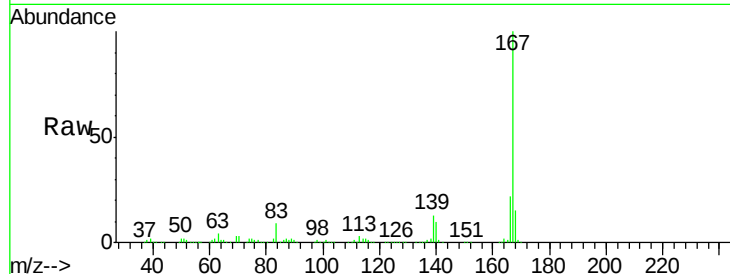


#73
 Carbazole
 Concen: 39.979 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1062183

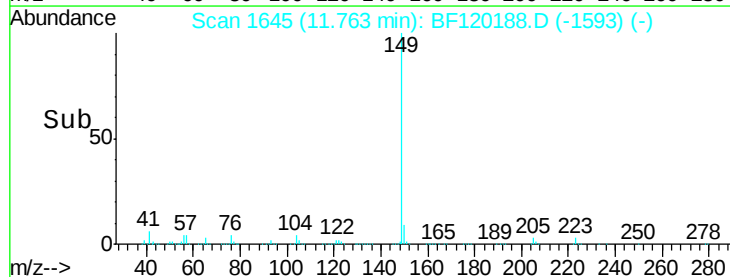
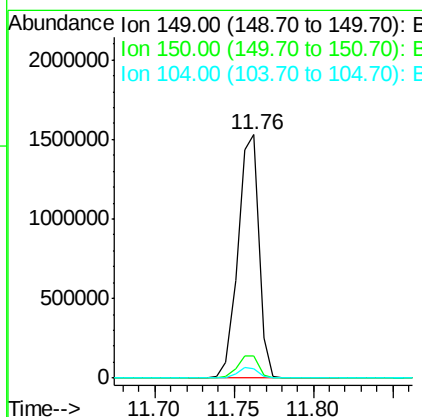
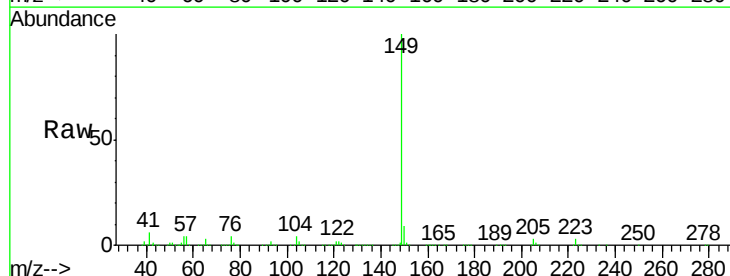
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.2	10.7	16.1

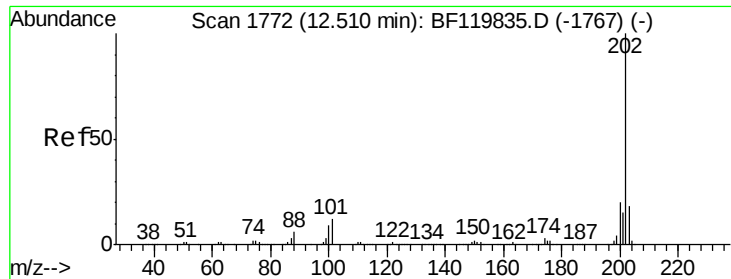


#74
 Di-n-butylphthalate
 Concen: 39.915 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.01 min
 Lab File: BF120188.D
 Acq: 24 Apr 2020 8:48

Tgt Ion:149 Resp: 1394106

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.8
104	4.0	3.6	5.4





#75

Fluoranthene

Concen: 41.188 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

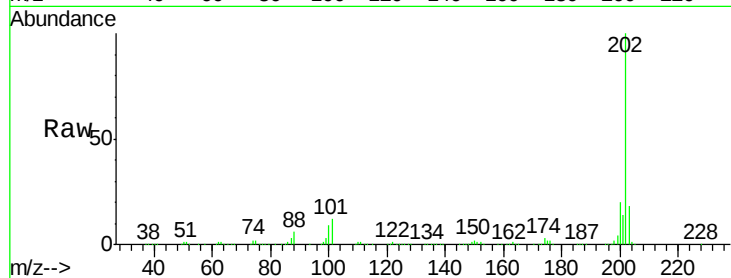
Tot Ion:202 Resp: 1222225

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.2

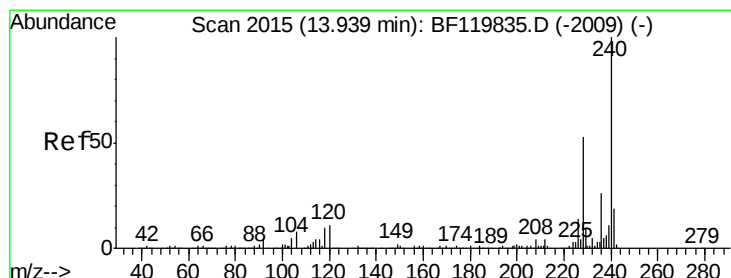
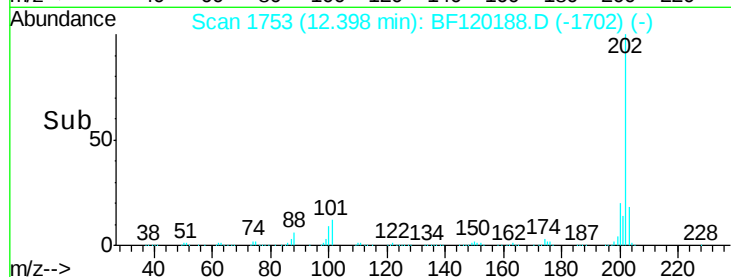
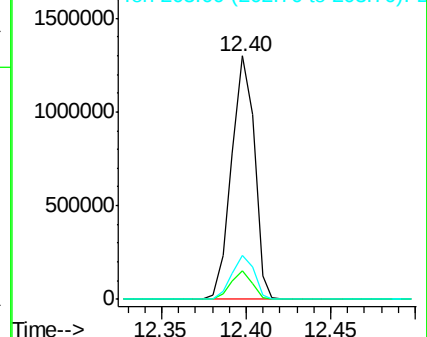
203 18.0 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

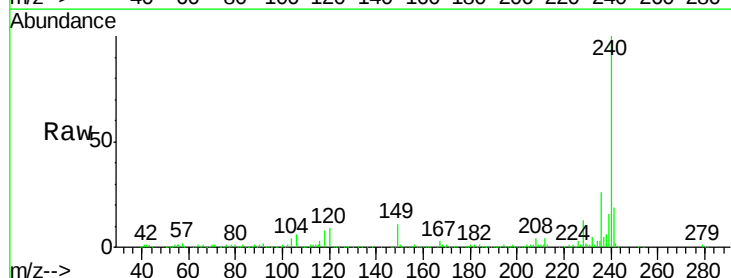
Tgt Ion:240 Resp: 324687

Ion Ratio Lower Upper

240 100

120 9.0 10.6 15.8#

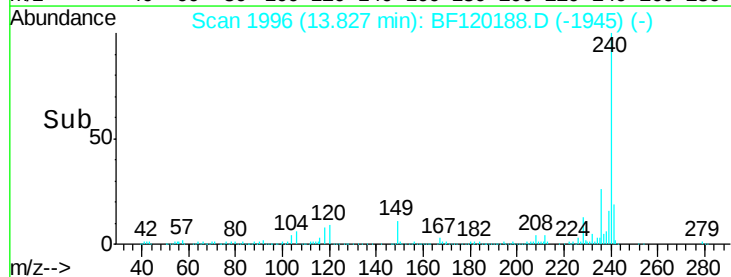
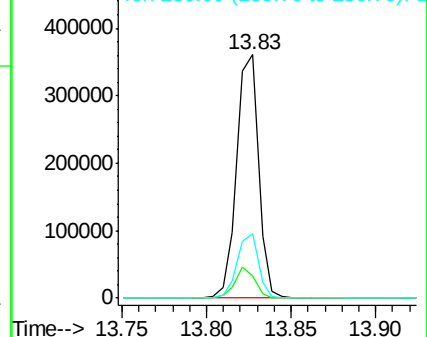
236 26.4 20.2 30.2

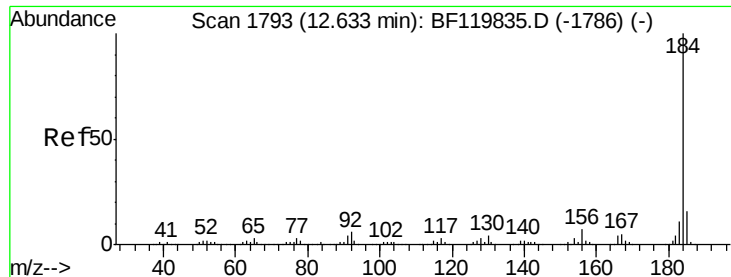


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

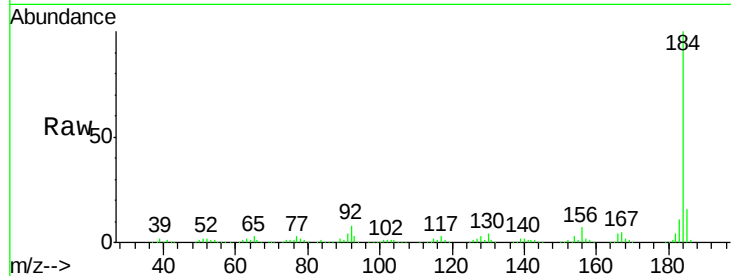




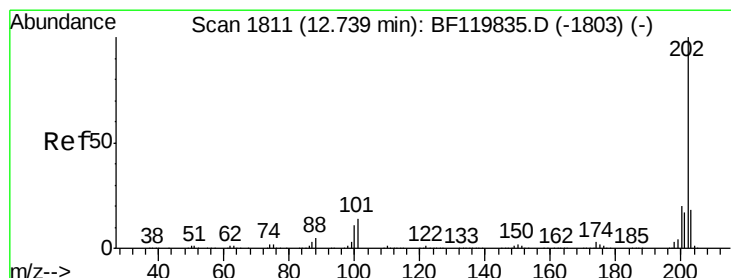
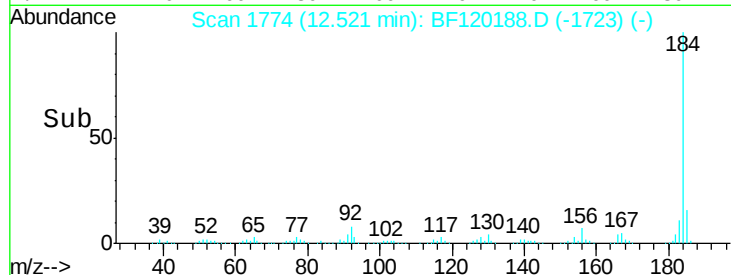
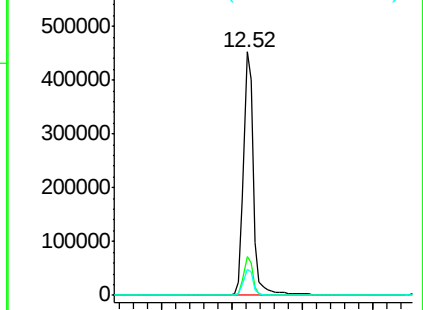
#77
Benzidine
Concen: 40.661 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 446269
Ion Ratio Lower Upper
184 100
185 16.1 12.3 18.5
183 10.7 9.0 13.6

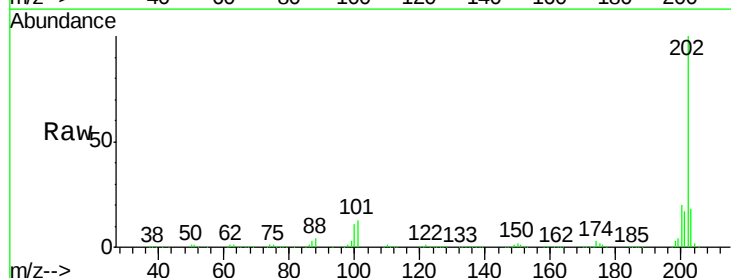


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

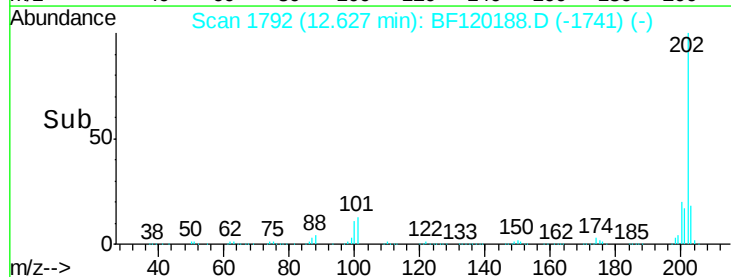
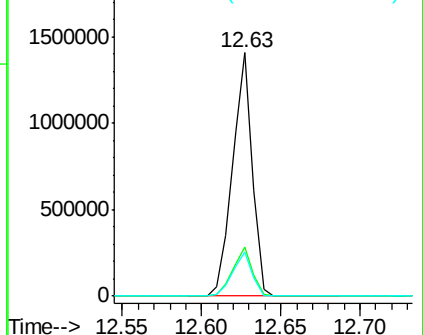


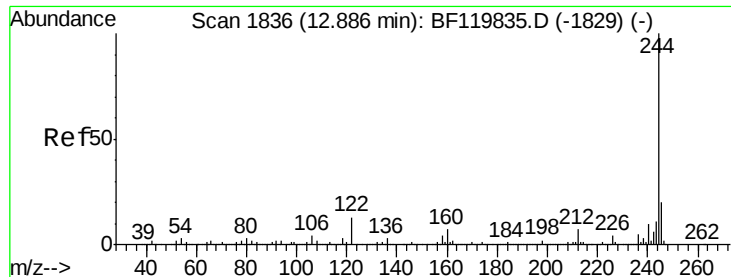
#78
Pyrene
Concen: 44.164 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:202 Resp: 1208836
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 17.9 15.1 22.7



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: 85.653 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

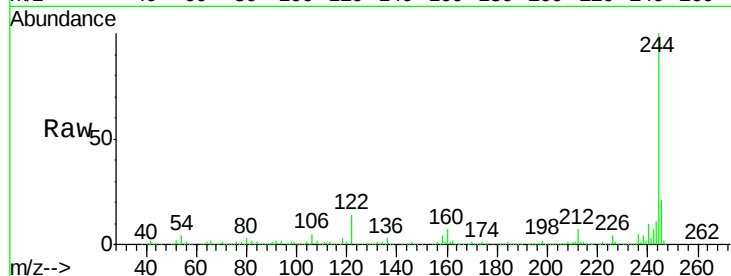
Tot Ion:244 Resp: 1652775

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

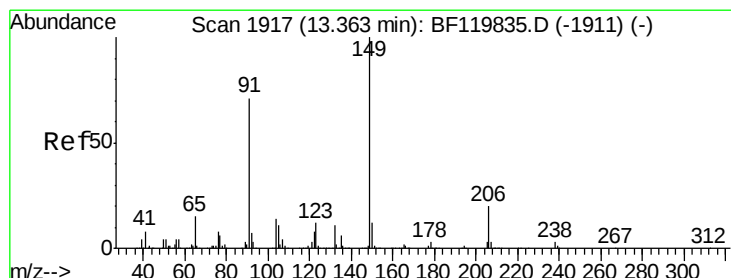
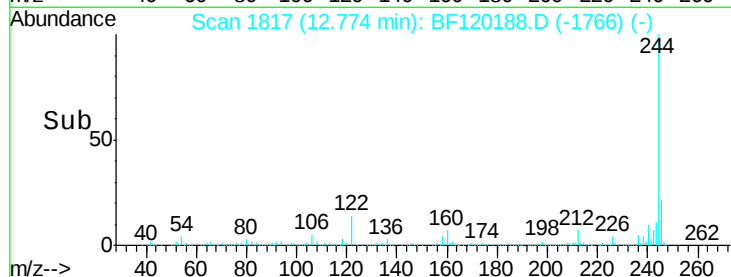
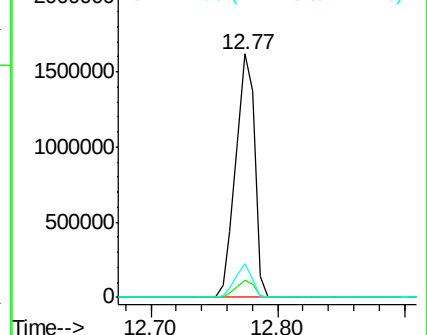
122 13.7 10.3 15.5



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: 42.989 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

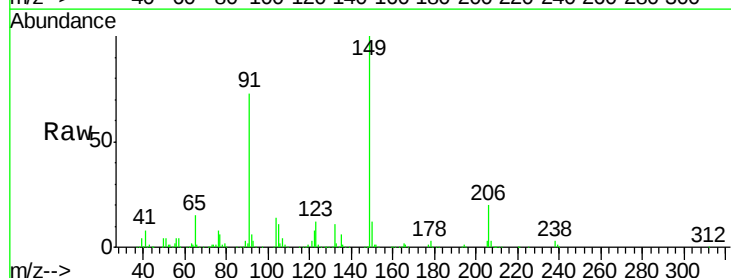
Tgt Ion:149 Resp: 570974

Ion Ratio Lower Upper

149 100

91 72.8 54.7 82.1

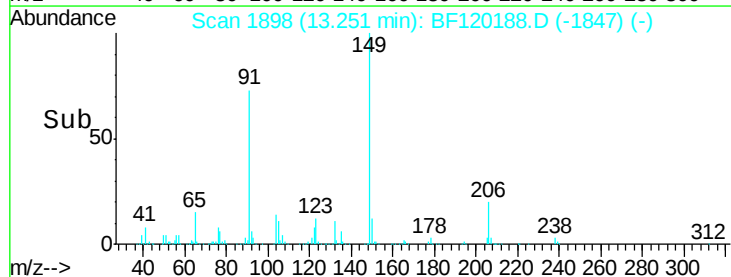
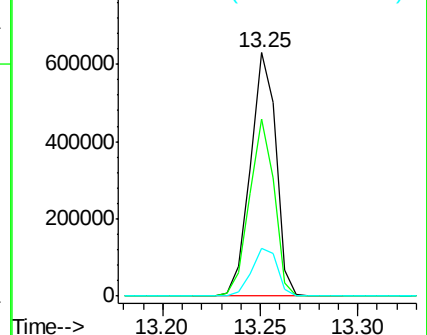
206 19.5 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.899 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

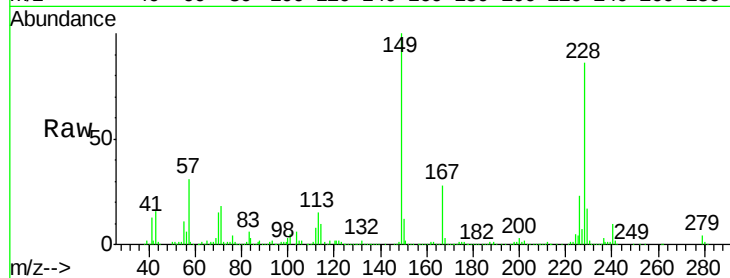
Tot Ion:228 Resp: 894969

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

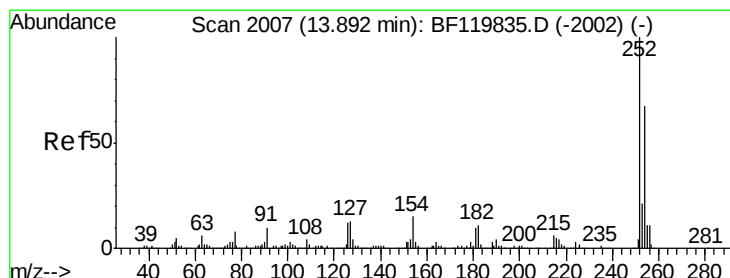
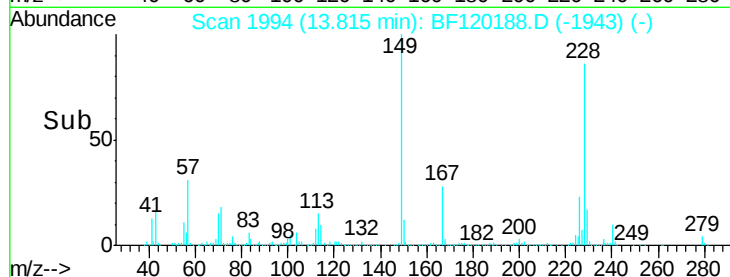
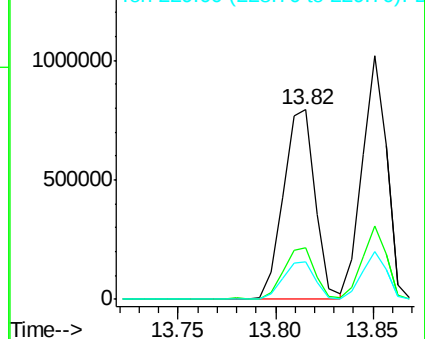
229 19.7 16.2 24.4



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: 38.218 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

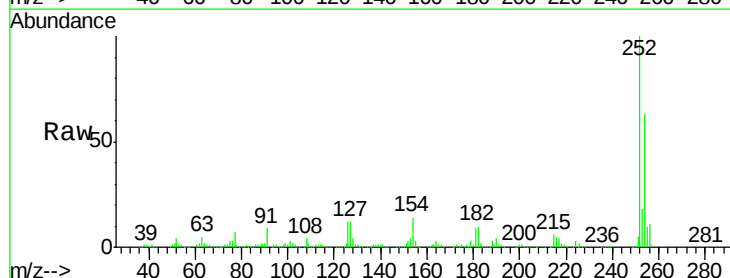
Tgt Ion:252 Resp: 304597

Ion Ratio Lower Upper

252 100

254 62.9 51.2 76.8

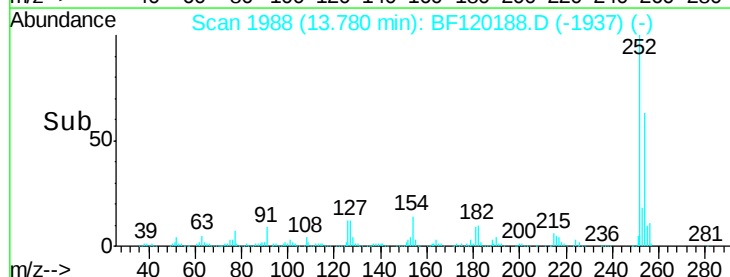
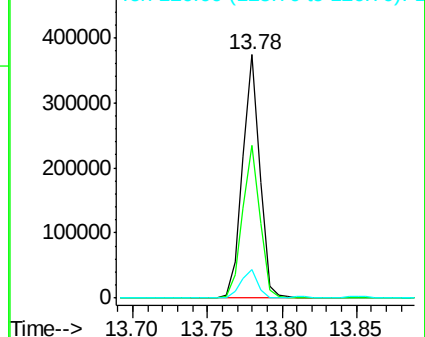
126 11.5 9.6 14.4

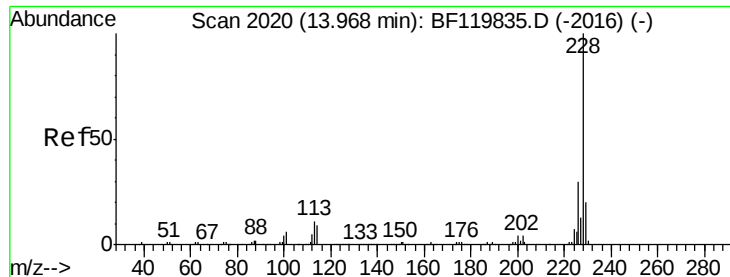


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.816 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

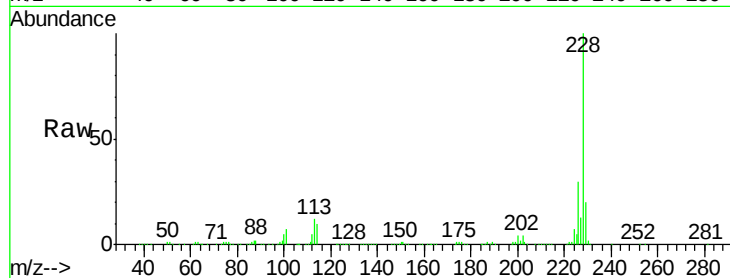
Tot Ion:228 Resp: 885855

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

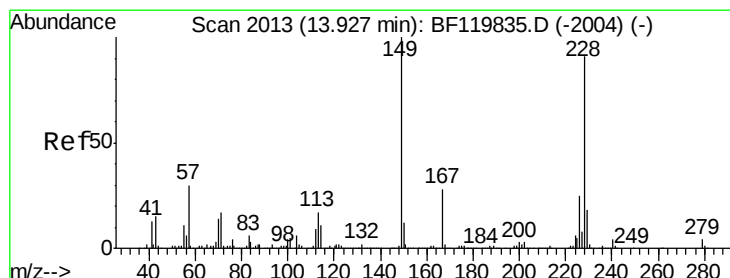
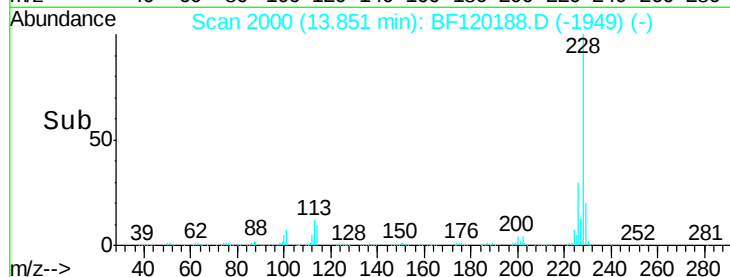
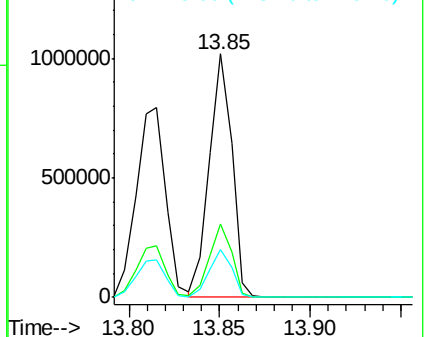
229 19.9 16.6 24.8



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: 44.108 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

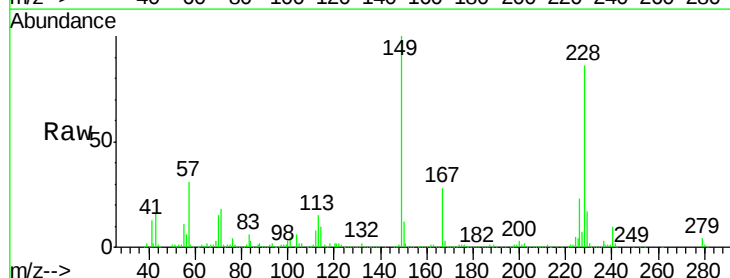
Tgt Ion:149 Resp: 793334

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

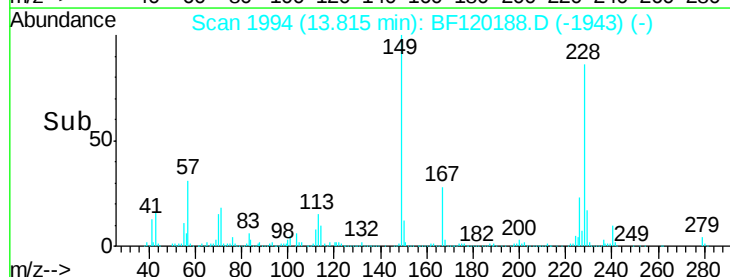
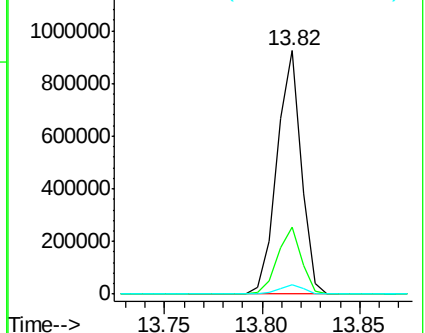
279 3.6 2.7 4.1

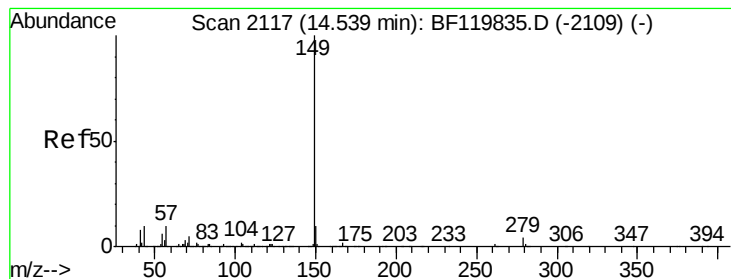


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.846 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

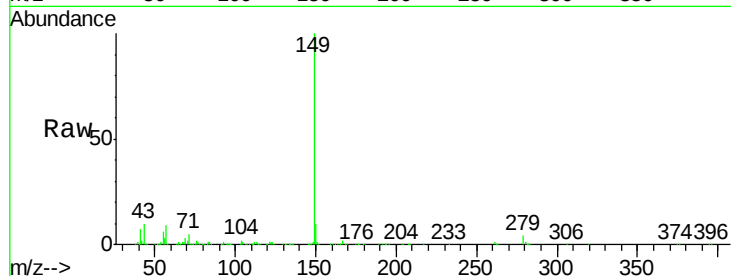
Tot Ion:149 Resp: 1312127

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

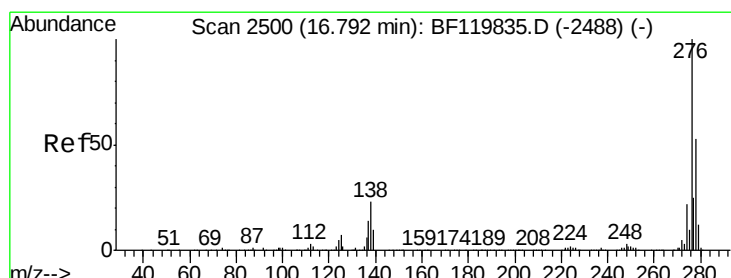
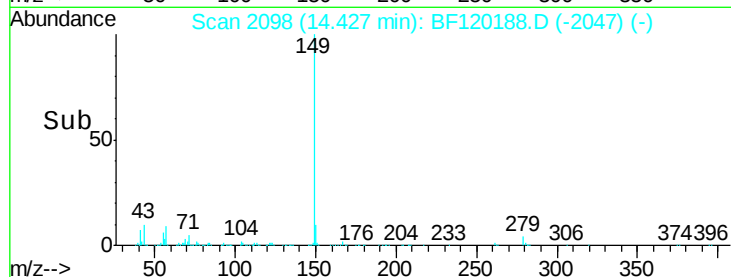
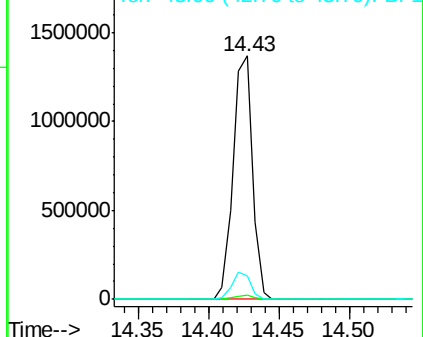
43 10.9 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.090 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

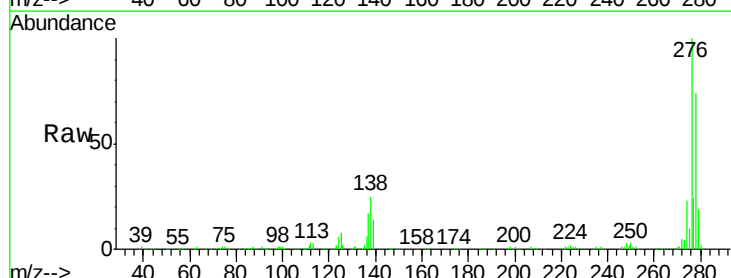
Tgt Ion:276 Resp: 652187

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

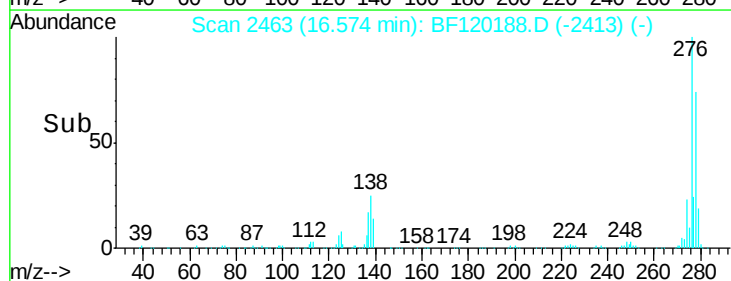
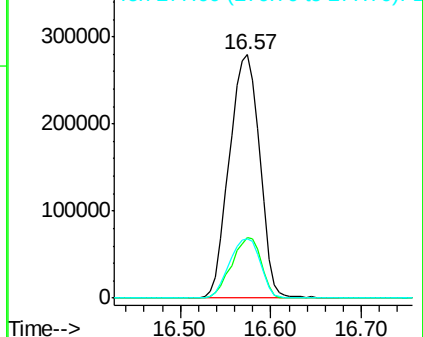
277 25.0 20.0 30.0

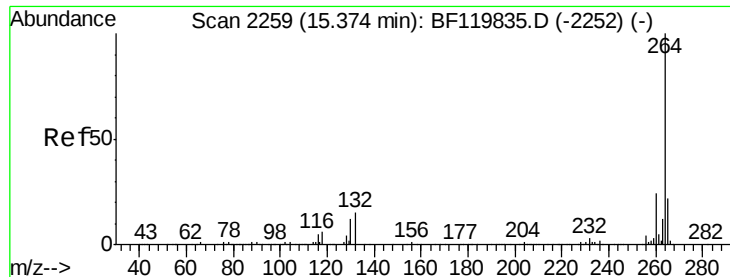


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

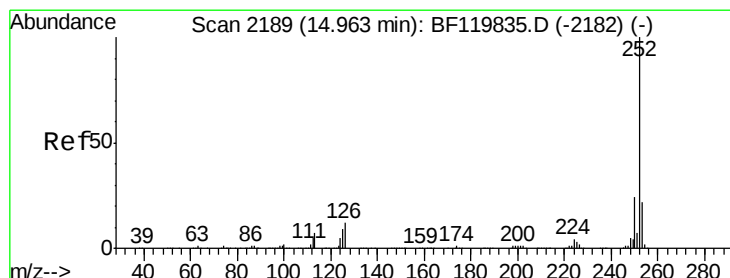
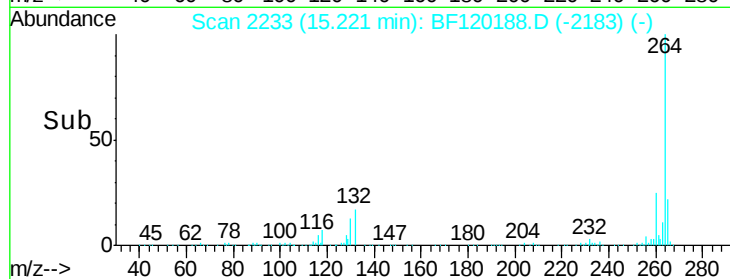
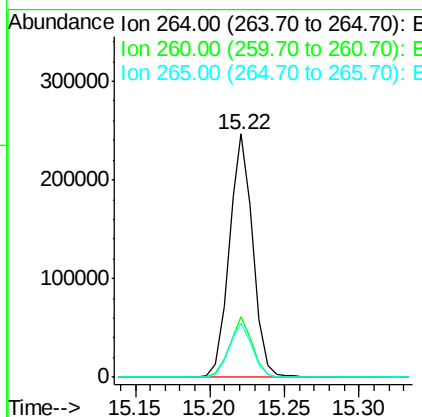
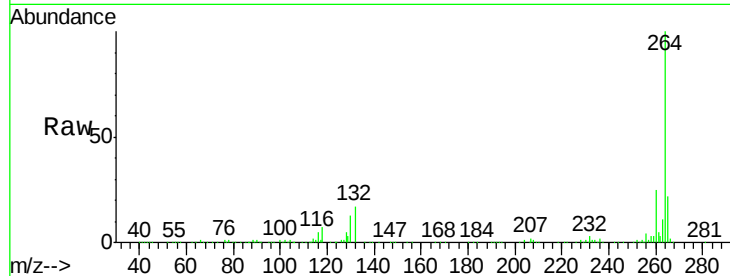




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

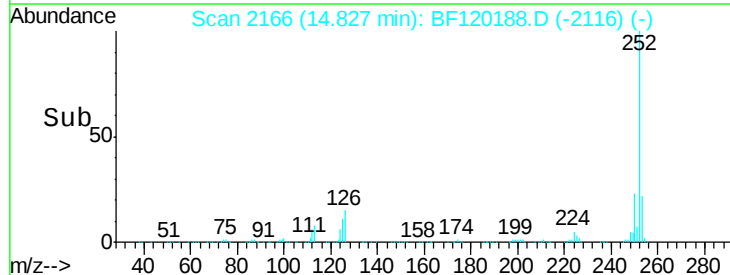
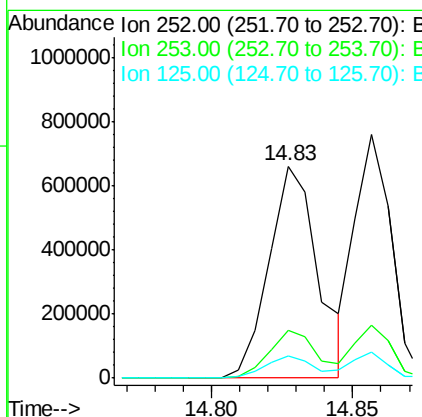
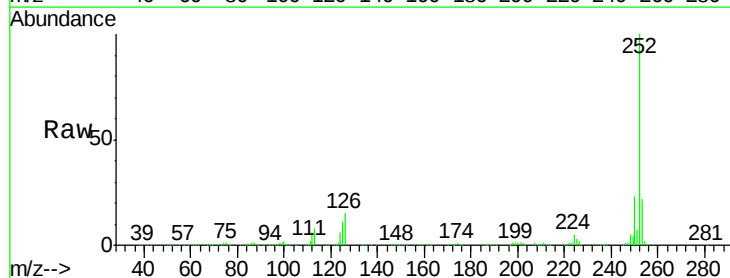
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

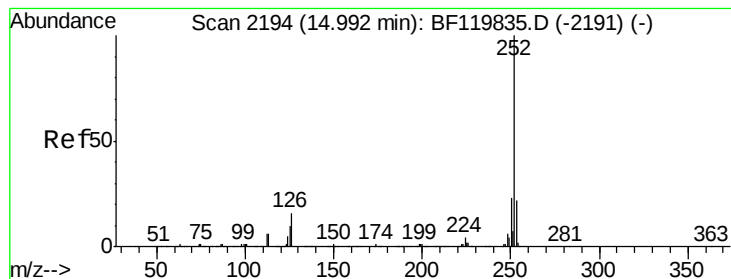
Tot Ion:264 Resp: 272229
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 22.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 40.764 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion:252 Resp: 798305
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.305 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

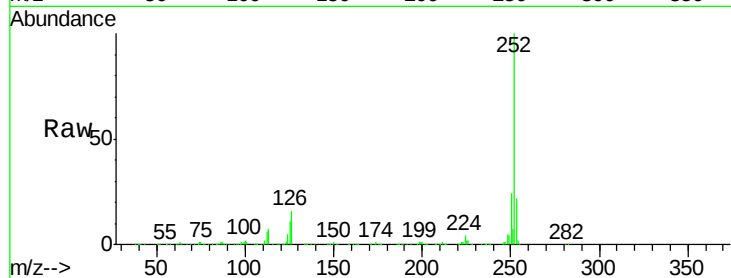
Tot Ion:252 Resp: 681037

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

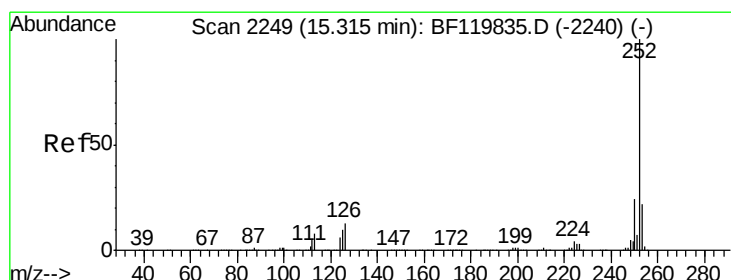
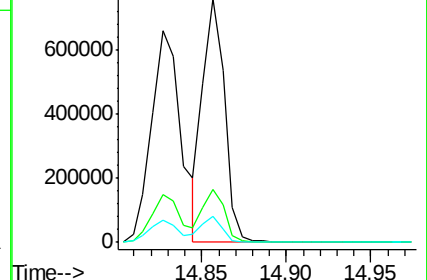
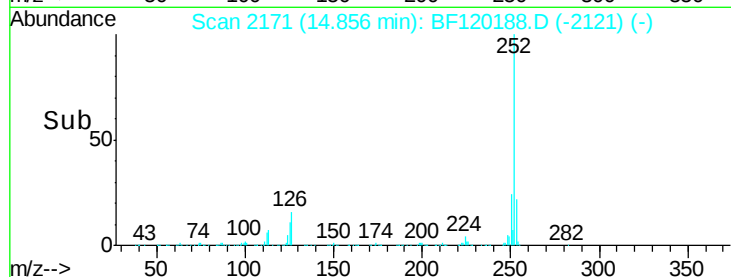
125 10.9 8.4 12.6



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: 40.558 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF120188.D

Acq: 24 Apr 2020 8:48

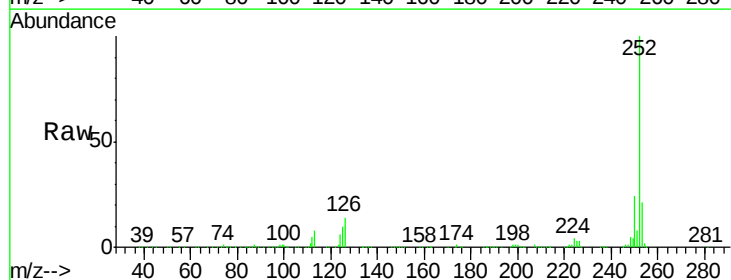
Tgt Ion:252 Resp: 667815

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.2

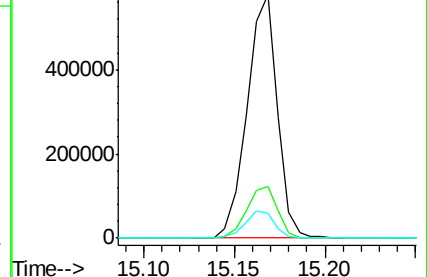
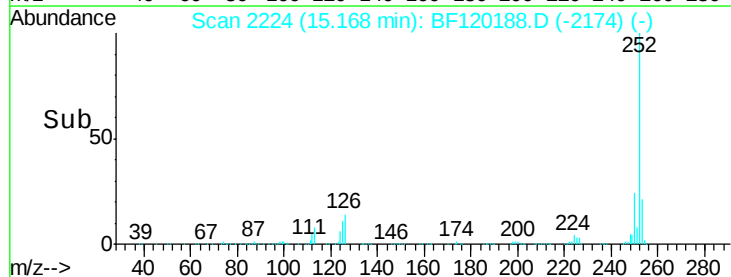
125 10.4 9.4 14.2

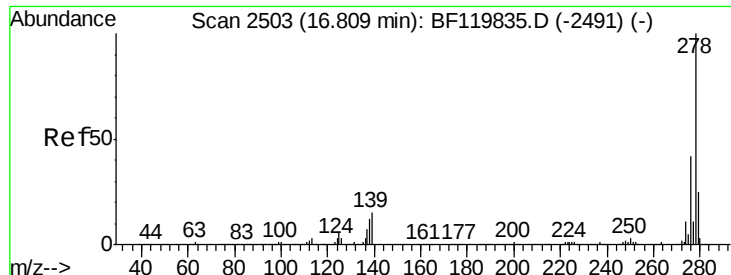


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

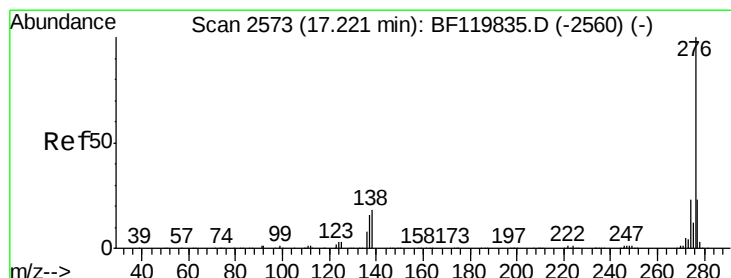
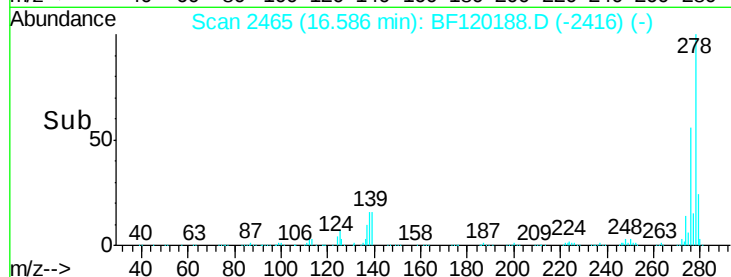
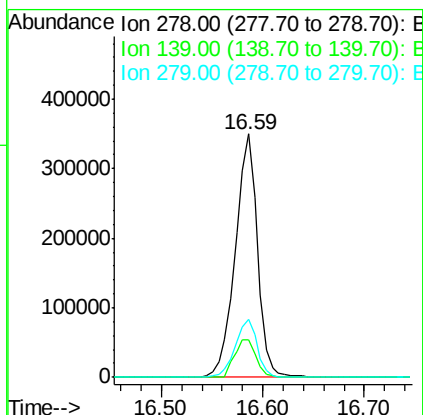
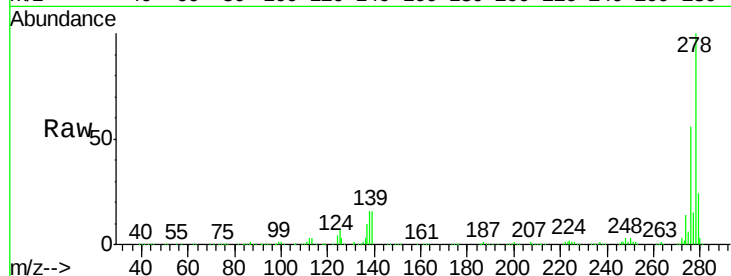




#91
Dibenzo(a,h)anthracene
Concen: 36.451 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 37.167 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF120188.D
Acq: 24 Apr 2020 8:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	19.9	15.4	23.0

