

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
 Data File : BF120705.D
 Acq On : 25 Jun 2020 15:56
 Operator : JU/CG
 Sample : L2810-09 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

Quant Time: Jun 25 16:46:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160221	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	599616	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	288563	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563735	20.00	ng	0.00
76) Chrysene-d12	13.97	240	412151	20.00	ng	0.00
86) Perylene-d12	15.42	264	421566	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	365705	39.13	ng	0.00
7) Phenol-d6	6.43	99	453017	38.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	272405	25.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	136153	40.58	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	570683	30.26	ng	-0.01
79) Terphenyl-d14	12.90	244	708294	37.96	ng	0.00

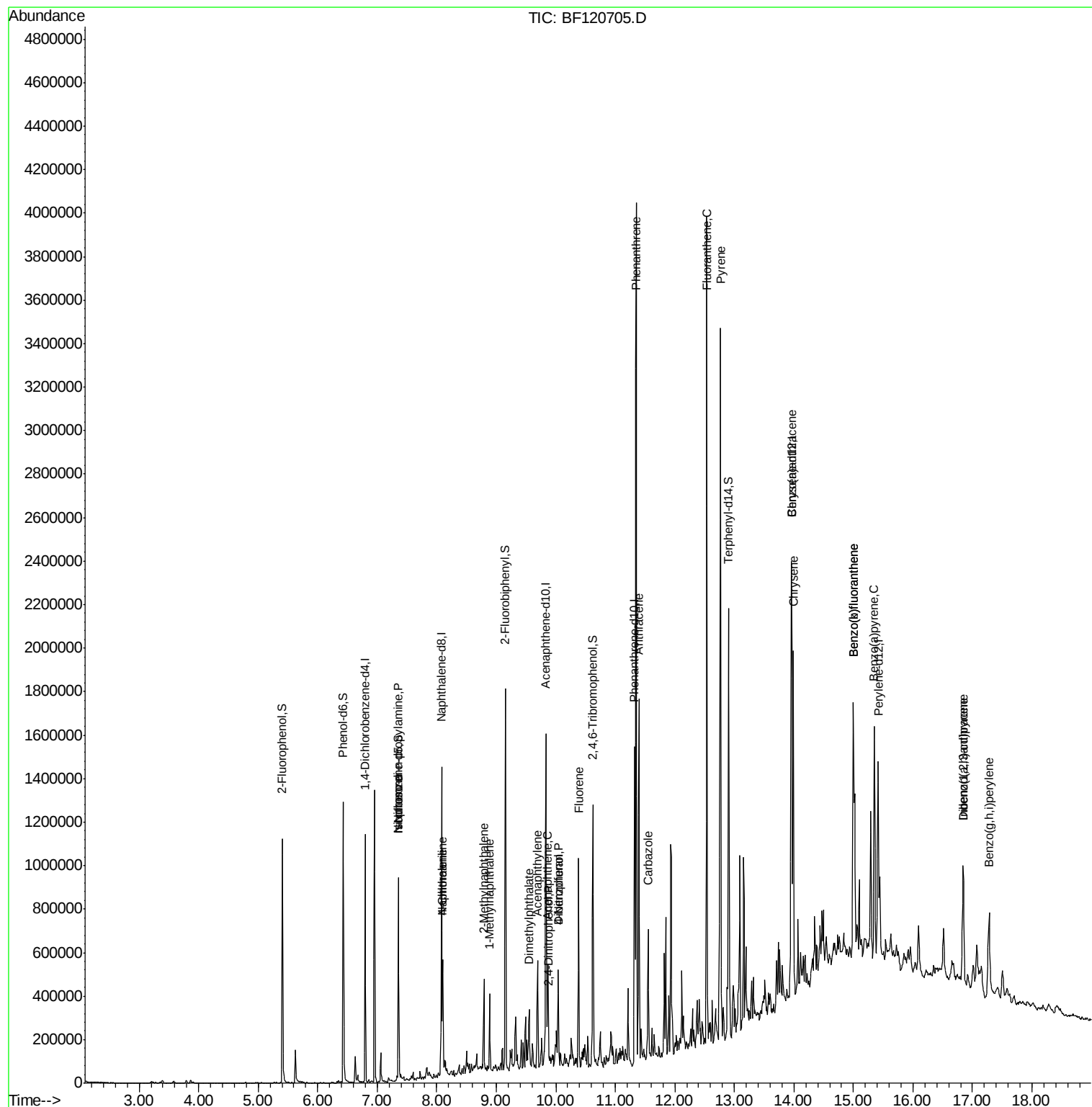
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.36	70	34060	5.045	ng	# 77
25) Isophorone	7.36	82	272044	13.019	ng	# 62
31) Naphthalene	8.10	128	218263	7.413	ng	99
33) 4-Chloroaniline	8.10	127	28395	2.101	ng	# 32
37) 2-Methylnaphthalene	8.79	142	112130	5.834	ng	98
38) 1-Methylnaphthalene	8.89	142	90075	4.980	ng	100
49) Acenaphthylene	9.69	152	176398	6.487	ng	99
50) Dimethylphthalate	9.55	163	54668	2.630	ng	98
52) Acenaphthene	9.87	154	85703	5.284	ng	100
54) 2,4-Dinitrophenol	9.88	184	235	3.144	ng	# 1
55) Dibenzofuran	10.04	168	151863	6.107	ng	98
56) 4-Nitrophenol	10.04	139	51054	11.983	ng	# 13
58) Fluorene	10.38	166	248308	12.953	ng	100
71) Phenanthrene	11.35	178	1517601	54.155	ng	99
72) Anthracene	11.40	178	593402	21.008	ng	99
73) Carbazole	11.55	167	210044	7.512	ng	99
75) Fluoranthene	12.54	202	1660142	51.815	ng	99
78) Pyrene	12.77	202	1457417	49.916	ng	99
81) Benzo(a)anthracene	13.96	228	687406	27.761	ng	95
83) Chrysene	13.99	228	620266	24.421	ng	97
87) Indeno(1,2,3-cd)pyrene	16.84	276	373405	14.562	ng	96
88) Benzo(b)fluoranthene	15.00	252	959296	38.201	ng	97
89) Benzo(k)fluoranthene	15.00	252	959296	43.172	ng	97
90) Benzo(a)pyrene	15.35	252	531288	23.640	ng	97
91) Dibenzo(a,h)anthracene	16.85	278	92214	4.484	ng	# 82
92) Benzo(g,h,i)perylene	17.28	276	332467	16.040	ng	99

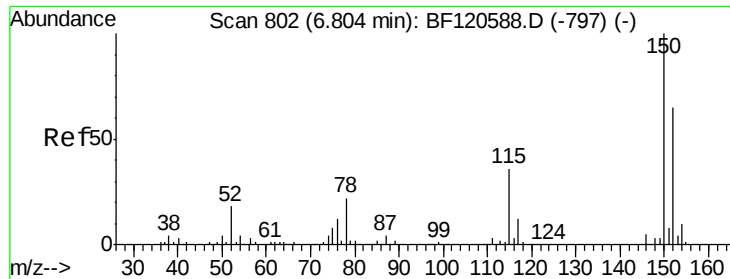
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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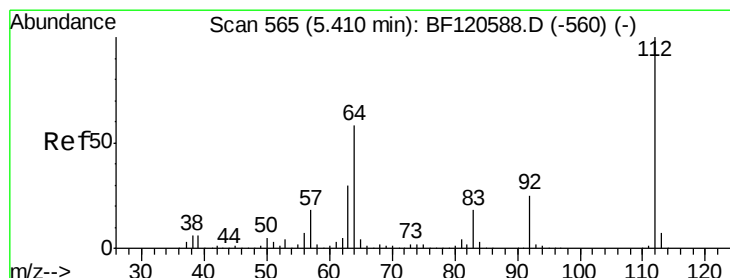
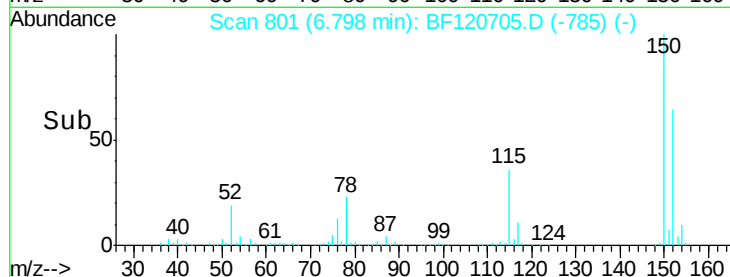
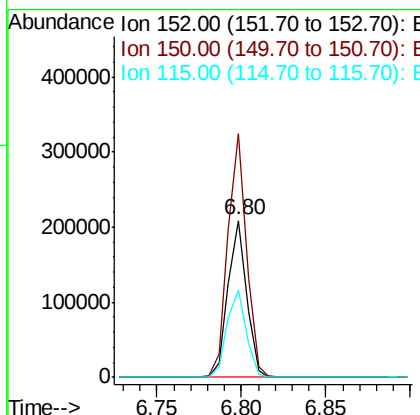
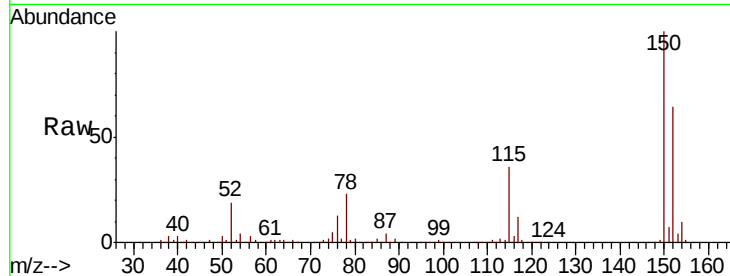




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

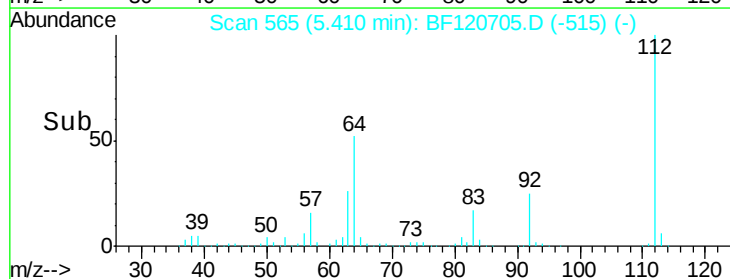
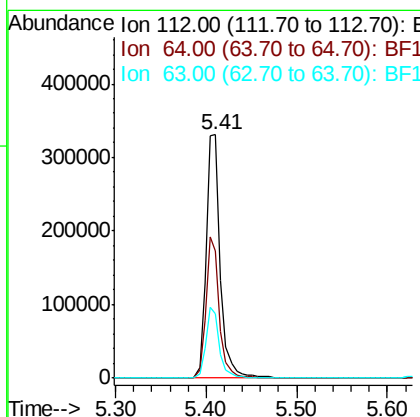
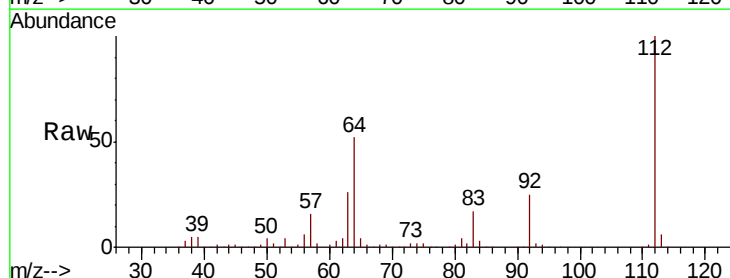
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

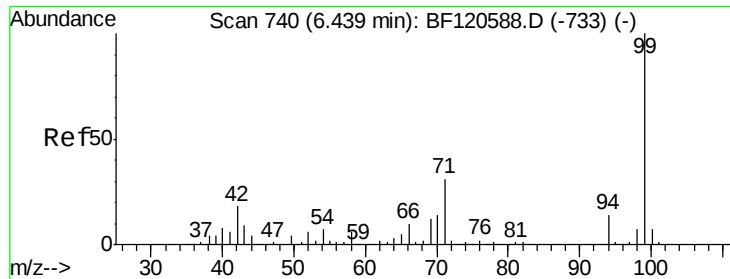
Tot Ion:152 Resp: 160221
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.2 184.8
 115 56.1 43.9 65.9



#5
 2-Fluorophenol
 Concen: 39.132 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

Tgt Ion:112 Resp: 365705
 Ion Ratio Lower Upper
 112 100
 64 52.4 46.1 69.1
 63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 38.920 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

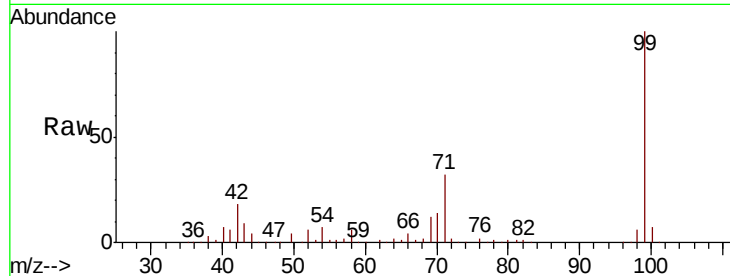
Tot Ion: 99 Resp: 453017

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

71 31.6 24.9 37.3



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

600000

500000

400000

300000

200000

100000

0

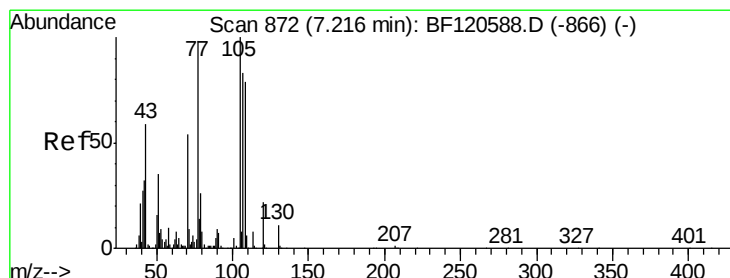
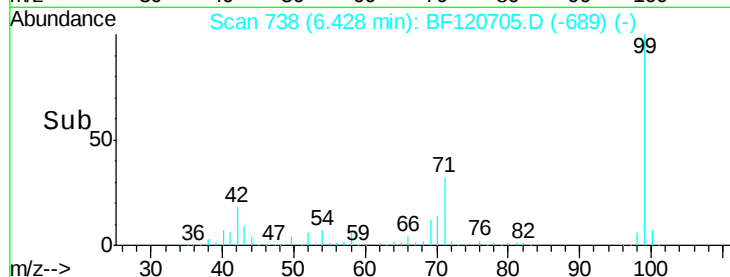
6.43

6.40

6.50

6.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.045 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Tgt Ion: 70 Resp: 34060

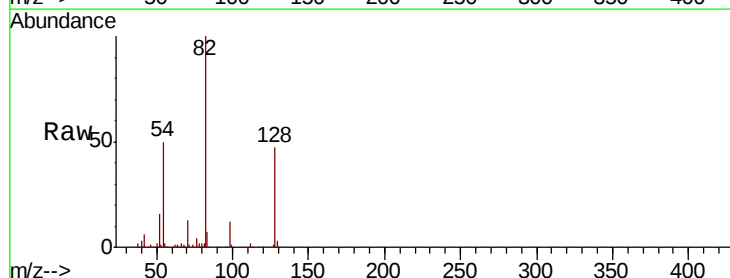
Ion Ratio Lower Upper

70 100

42 47.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.4 16.7 25.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

60000

50000

40000

30000

20000

10000

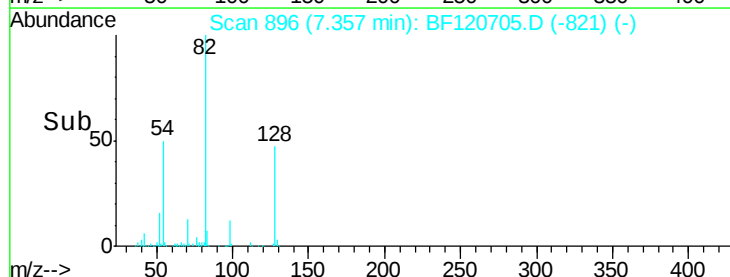
0

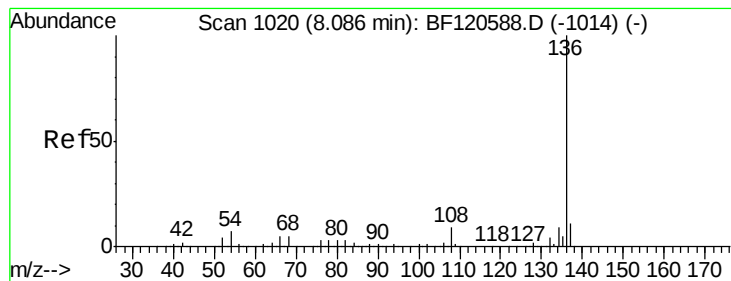
7.36

7.30

7.40

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

Tot Ion:136 Resp: 599616

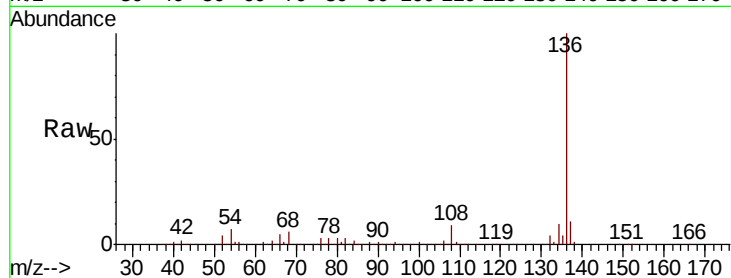
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.4 5.8 8.6

68 6.0 4.4 6.6

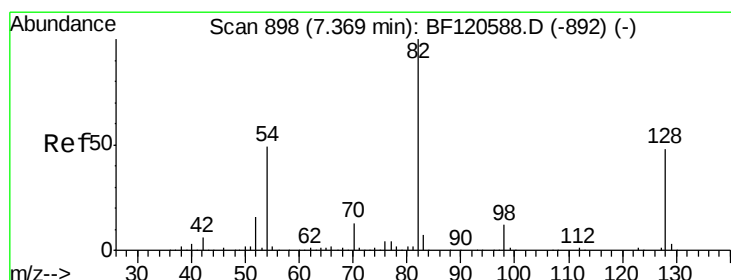
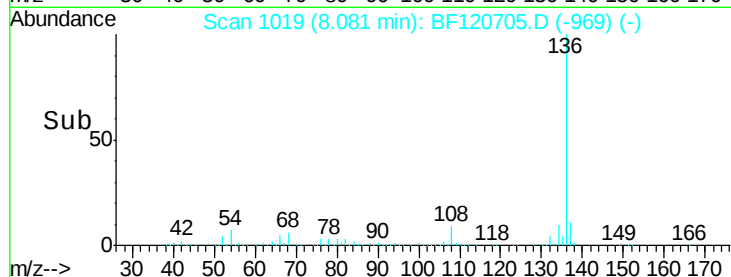
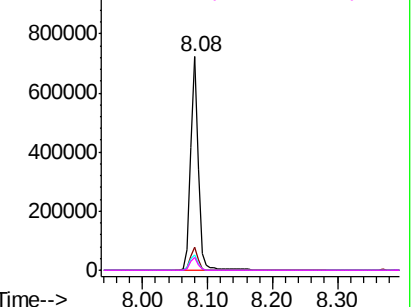


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 25.394 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

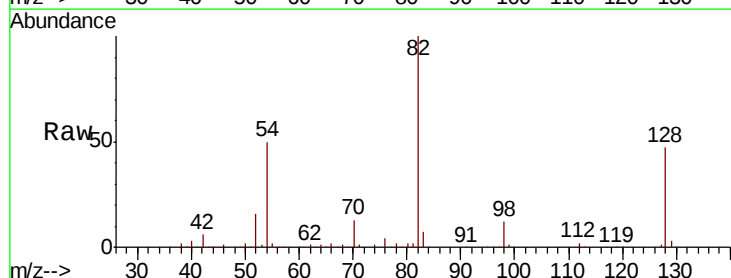
Tgt Ion: 82 Resp: 272405

Ion Ratio Lower Upper

82 100

128 46.9 38.0 57.0

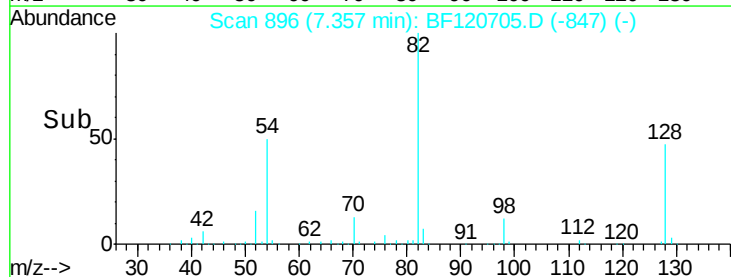
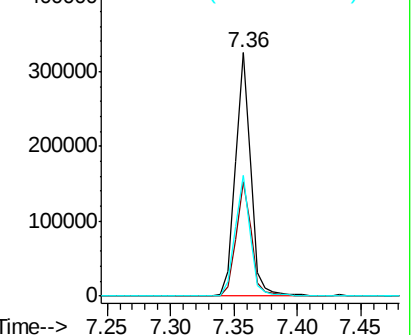
54 49.8 38.8 58.2

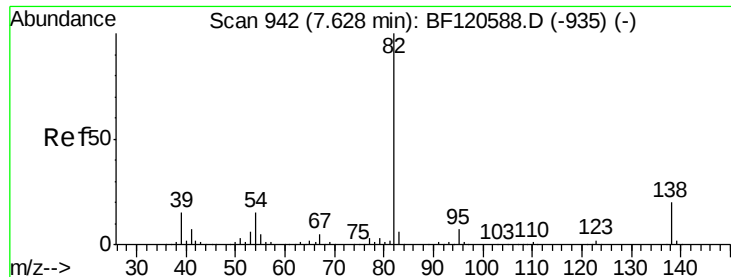


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 13.019 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

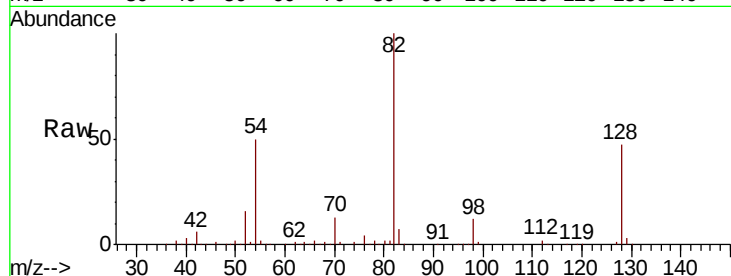
Tot Ion: 82 Resp: 272044

Ion Ratio Lower Upper

82 100

95 0.2 5.7 8.5#

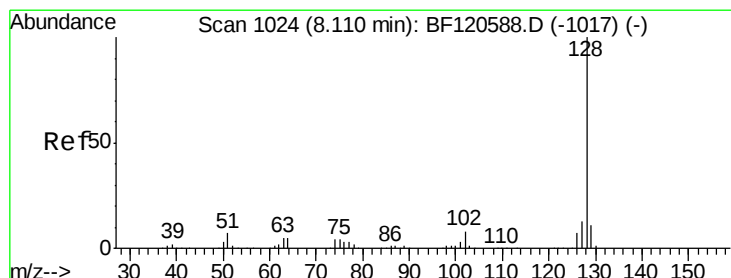
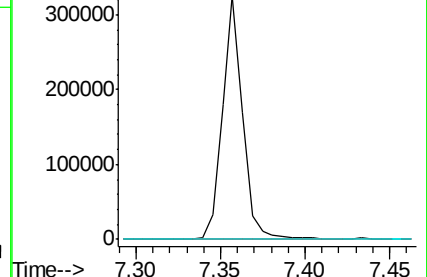
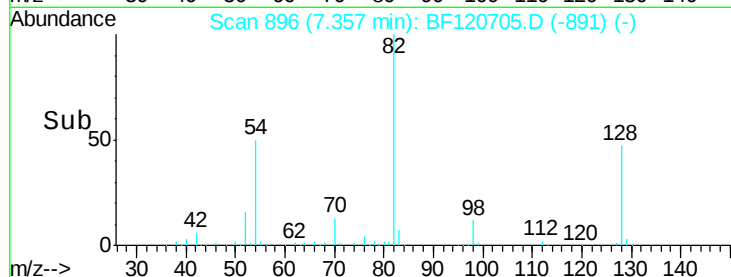
138 0.0 16.2 24.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 7.413 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

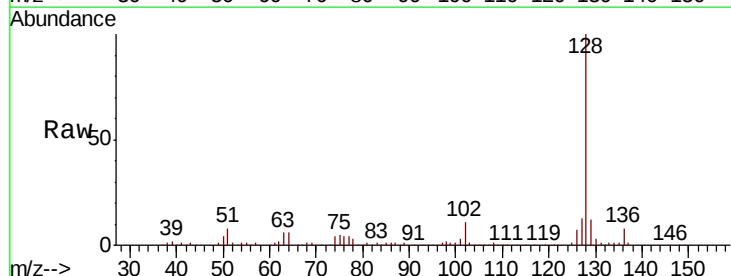
Tgt Ion: 128 Resp: 218263

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

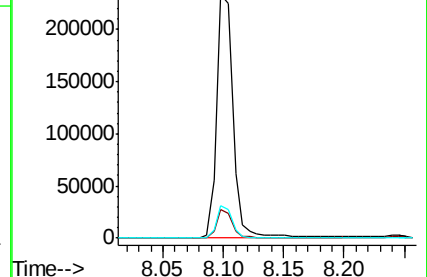
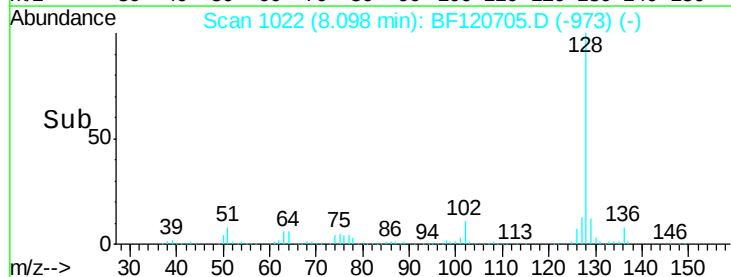
127 13.4 10.6 15.8

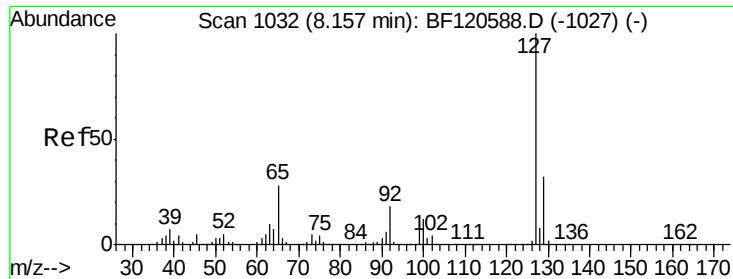


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

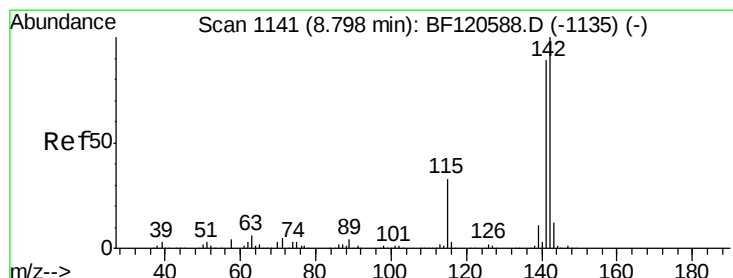
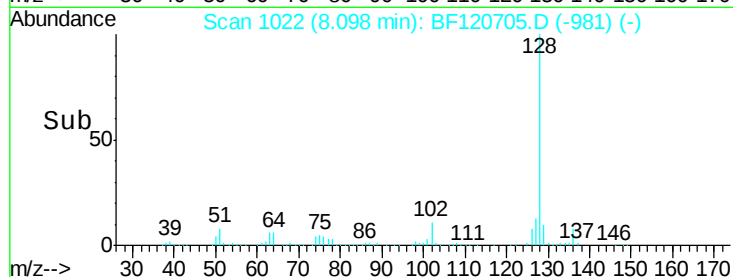
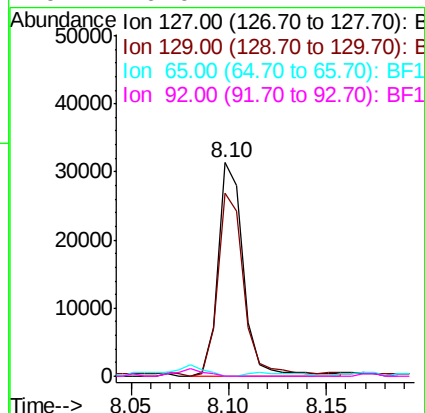
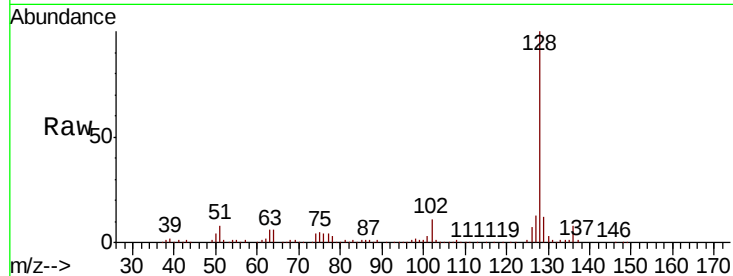




#33
4-Chloroaniline
Concen: 2.101 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

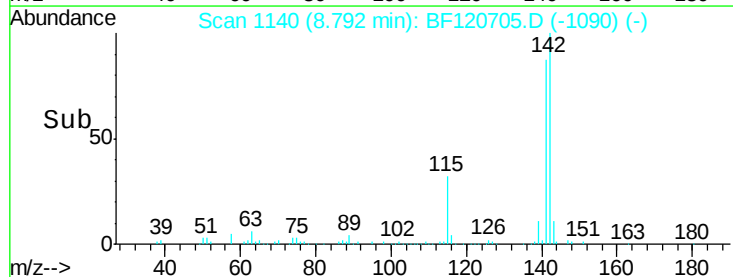
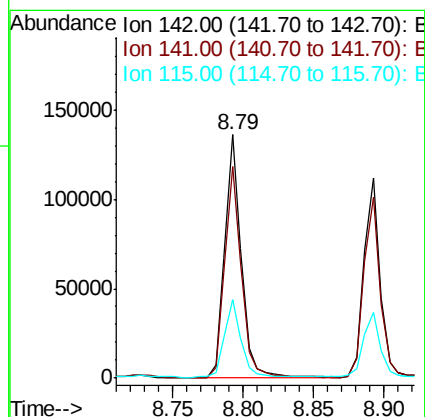
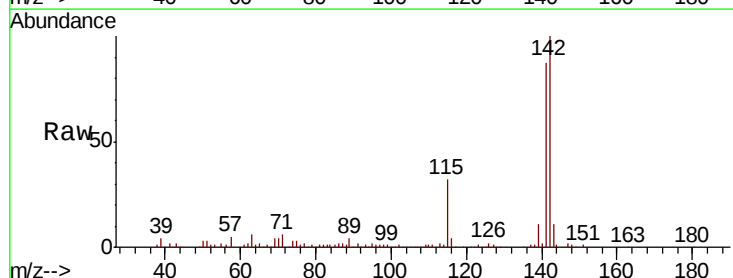
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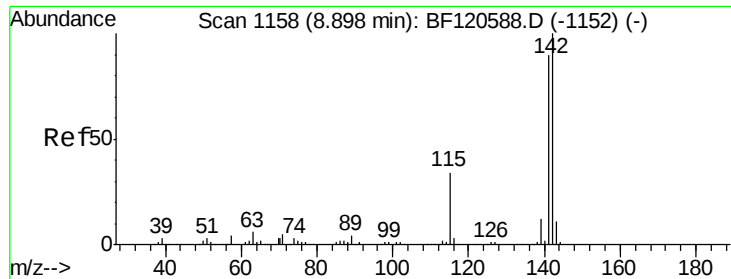
Tot Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	0.0	22.2	33.4#
92	0.0	14.2	21.2#



#37
2-Methylnaphthalene
Concen: 5.834 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.0
115	32.4	26.1	39.1

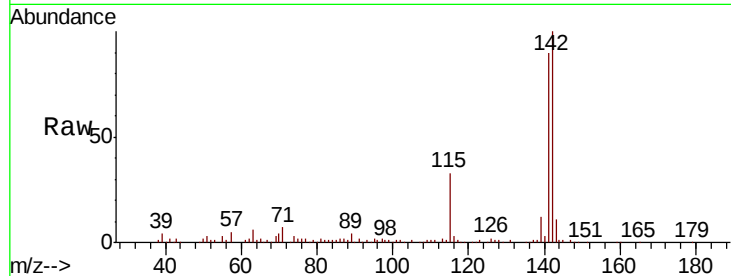




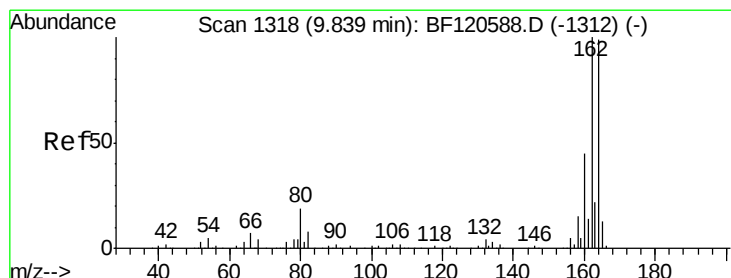
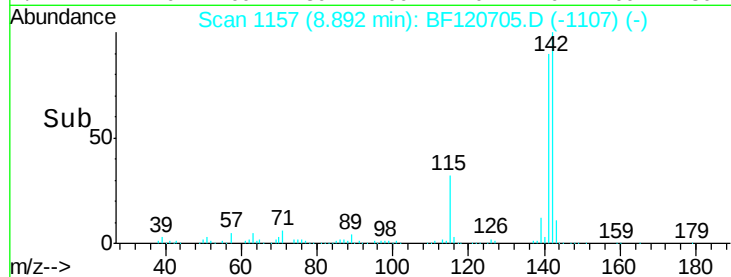
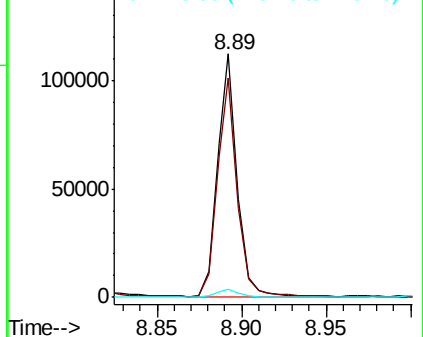
#38
1-Methylnaphthalene
Concen: 4.980 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
116	3.4	2.7	4.1

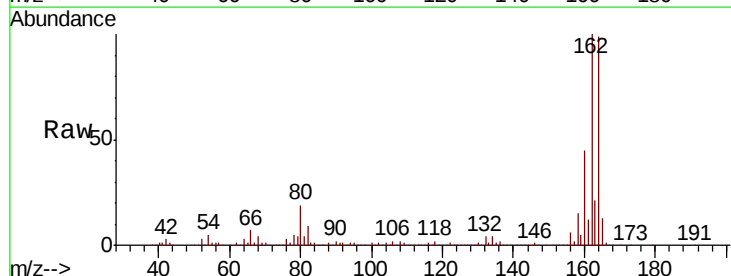


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

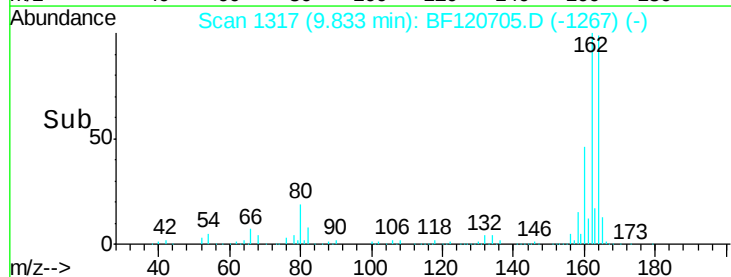
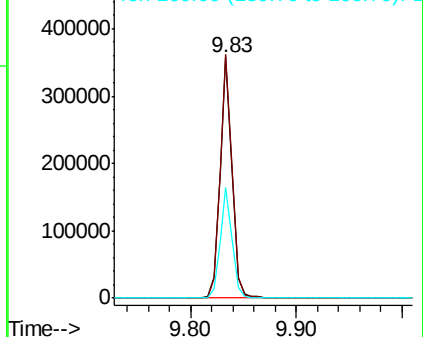


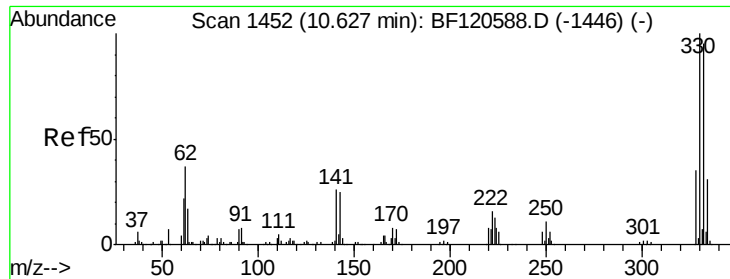
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.0	36.2	54.2



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

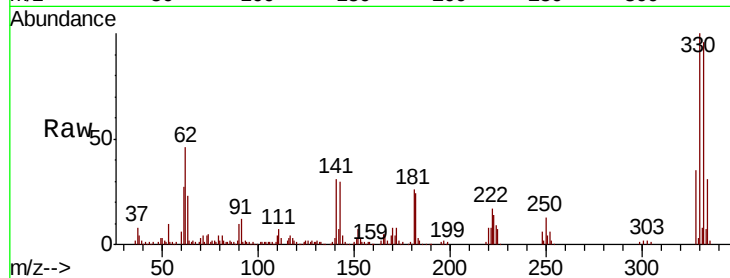




#42
 2,4,6-Tribromophenol
 Concen: 40.583 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	29.2	23.2	34.8

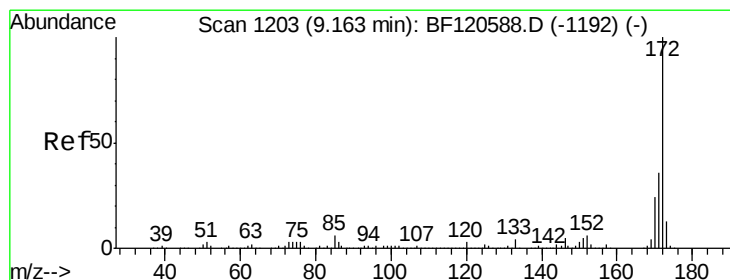
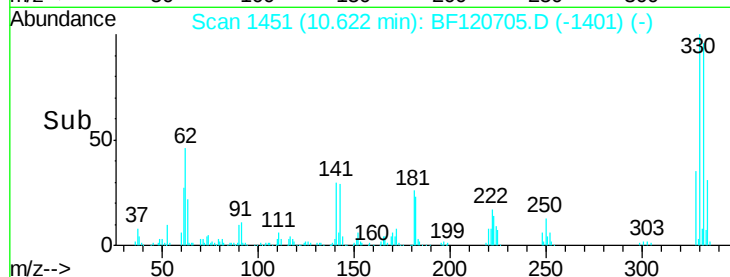
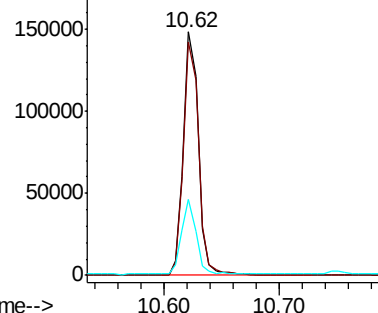


Abundance

Ion 329.80 (329.50 to 330.50): E

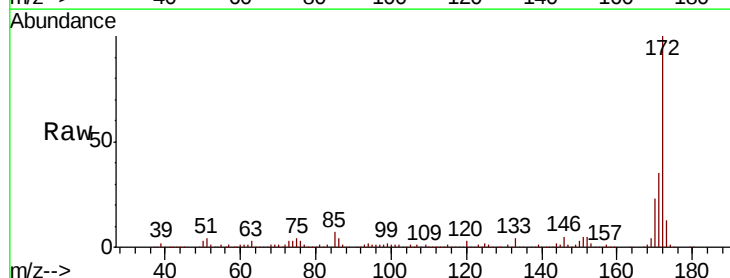
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.258 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.4	19.4	29.2

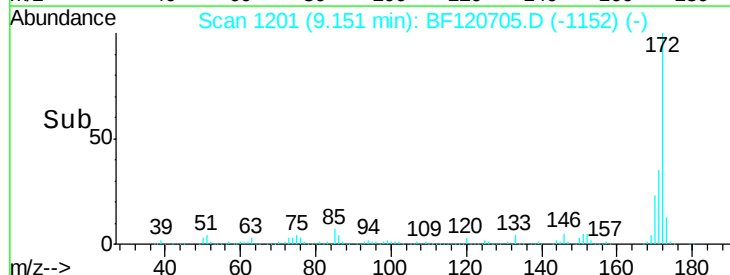
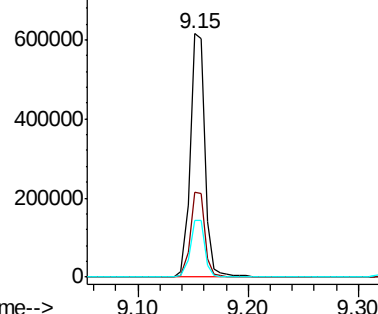


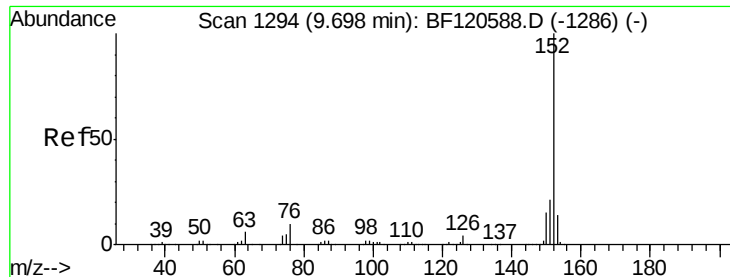
Abundance

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





#49

Acenaphthylene

Concen: 6.487 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

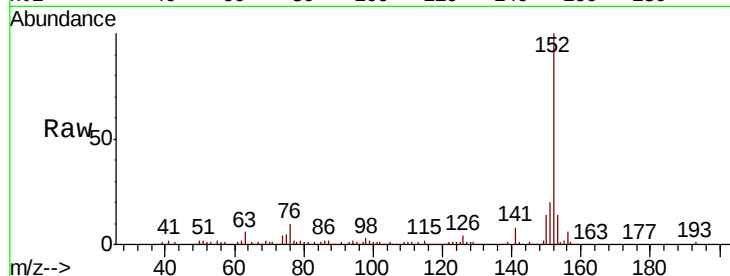
Tot Ion:152 Resp: 176398

Ion Ratio Lower Upper

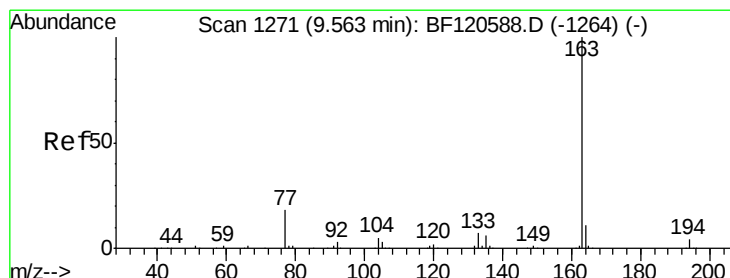
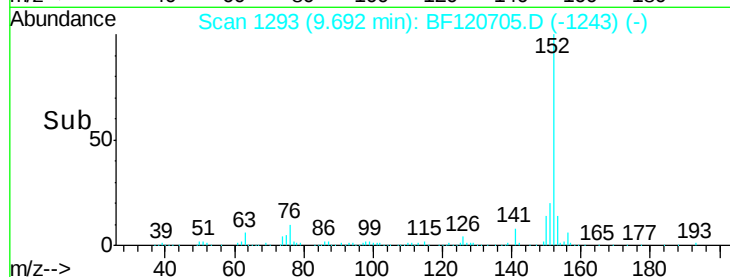
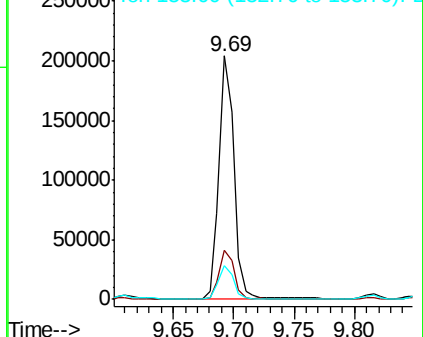
152 100

151 20.0 16.6 25.0

153 13.7 11.0 16.6



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: 2.630 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

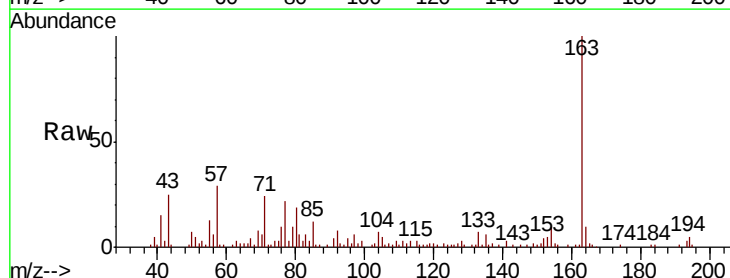
Tgt Ion:163 Resp: 54668

Ion Ratio Lower Upper

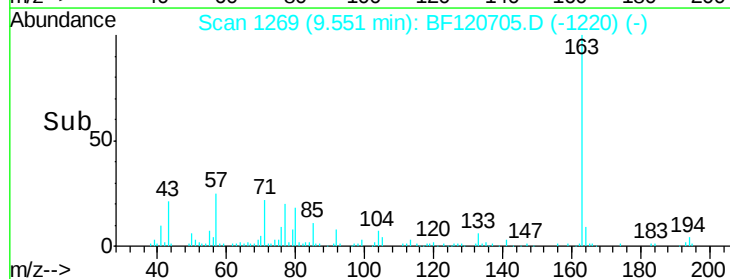
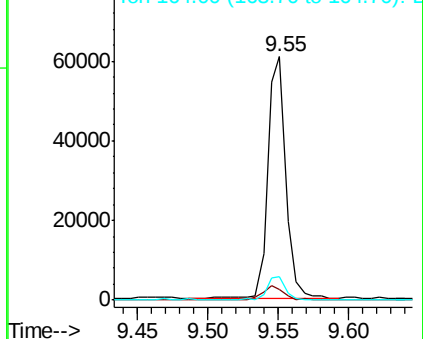
163 100

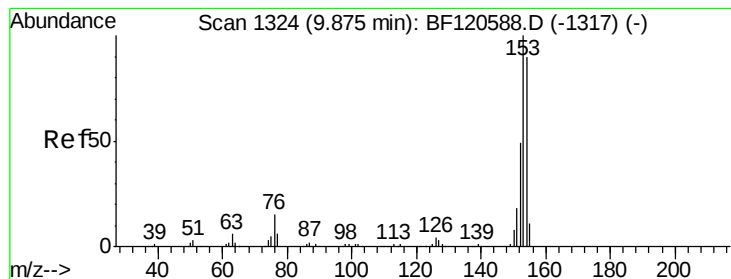
194 4.6 3.1 4.7

164 9.9 8.5 12.7



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





#52

Acenaphthene

Concen: 5.284 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

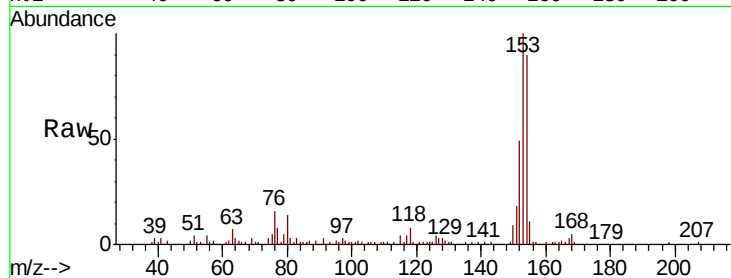
Tot Ion:154 Resp: 85703

Ion Ratio Lower Upper

154 100

153 111.5 89.1 133.7

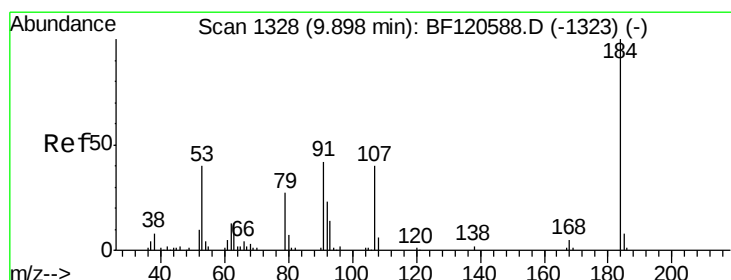
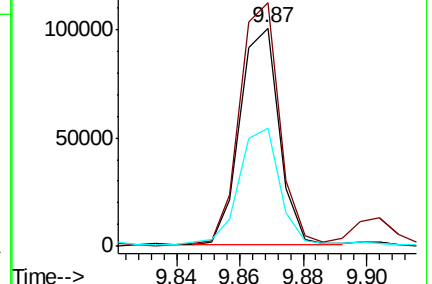
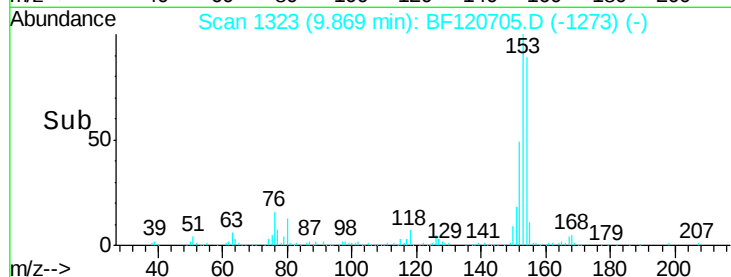
152 54.3 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 3.144 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

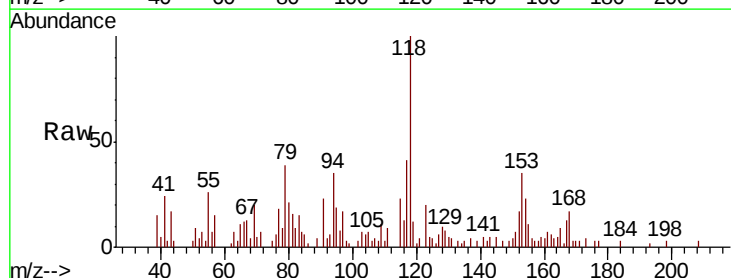
Tgt Ion:184 Resp: 235

Ion Ratio Lower Upper

184 100

63 260.2 44.2 66.2#

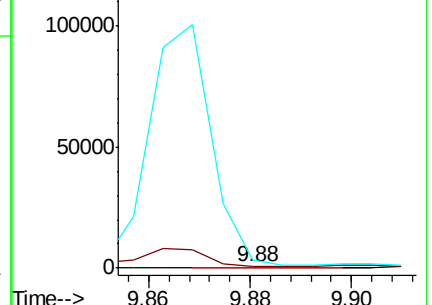
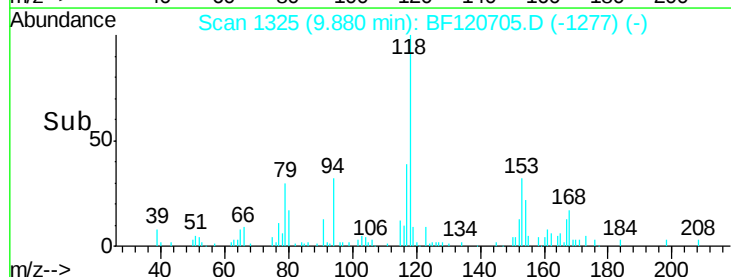
154 930.9 45.9 68.9#

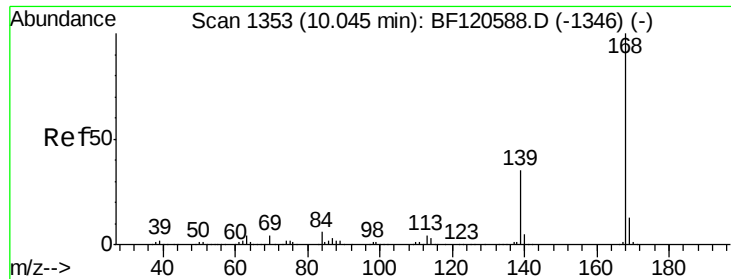


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 6.107 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

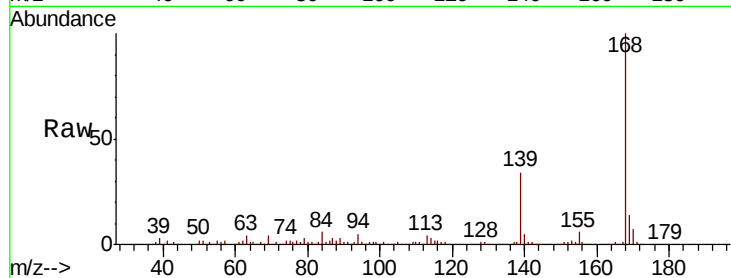
Tot Ion:168 Resp: 151863

Ion Ratio Lower Upper

168 100

139 34.0 28.1 42.1

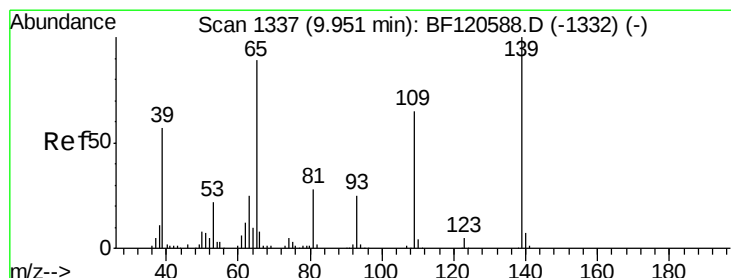
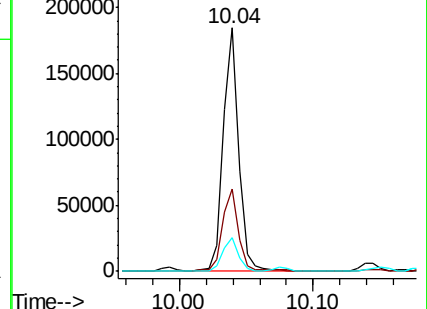
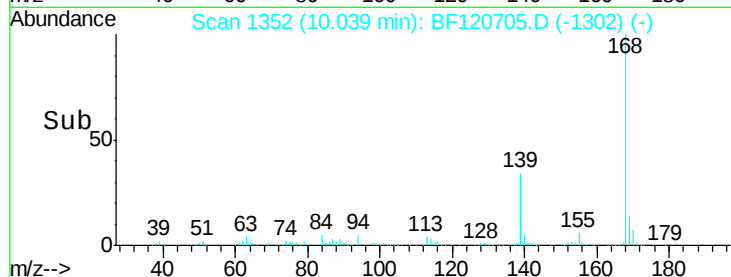
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 11.983 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.09 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

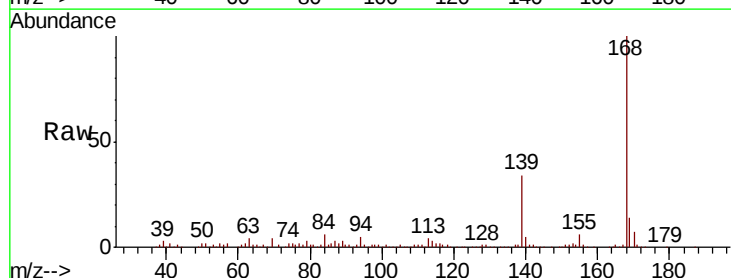
Tgt Ion:139 Resp: 51054

Ion Ratio Lower Upper

139 100

109 2.4 44.6 84.6#

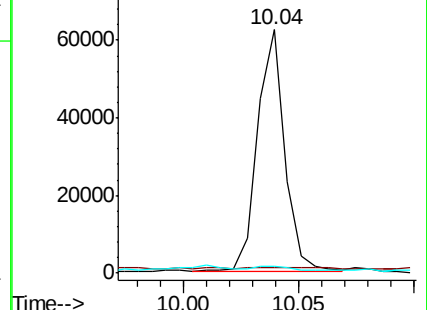
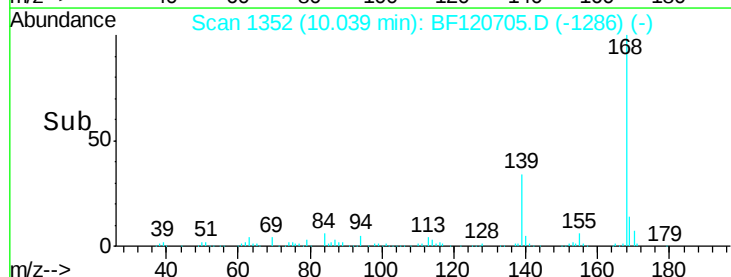
65 2.9 69.2 109.2#

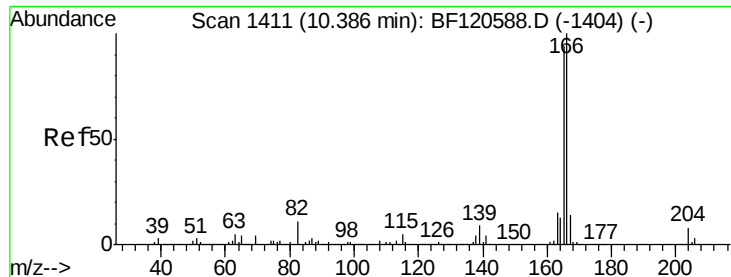


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 12.953 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

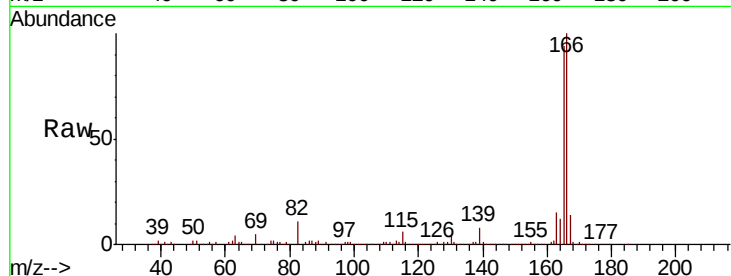
Tot Ion:166 Resp: 248308

Ion Ratio Lower Upper

166 100

165 94.1 75.0 112.6

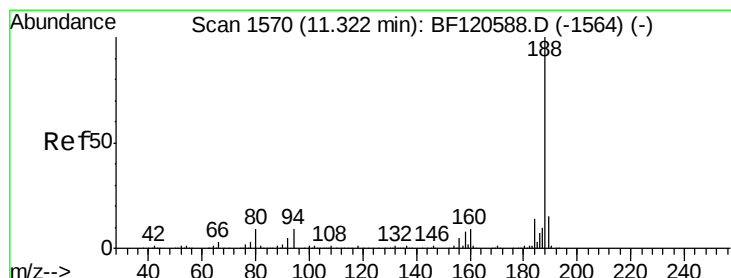
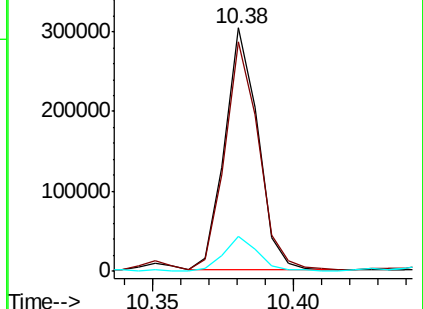
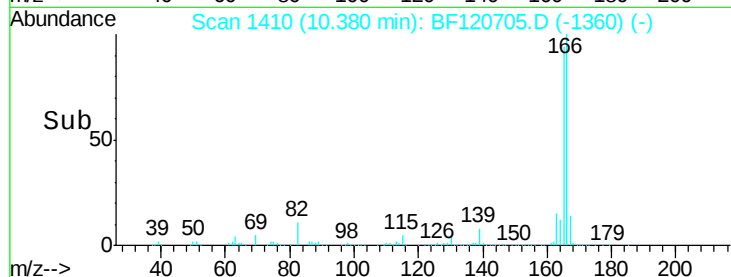
167 14.2 11.0 16.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

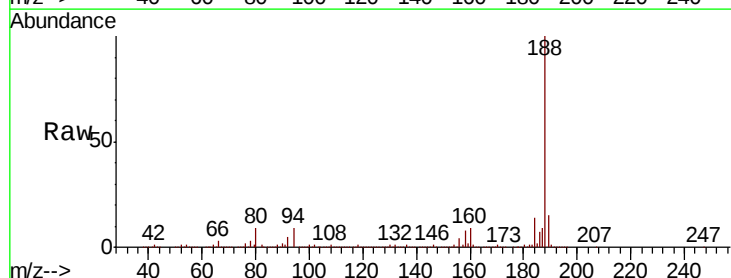
Tgt Ion:188 Resp: 563735

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

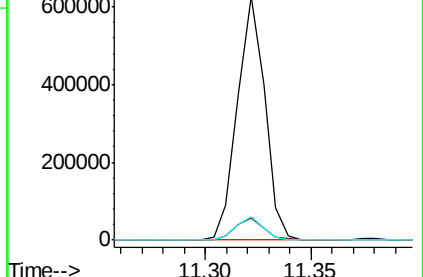
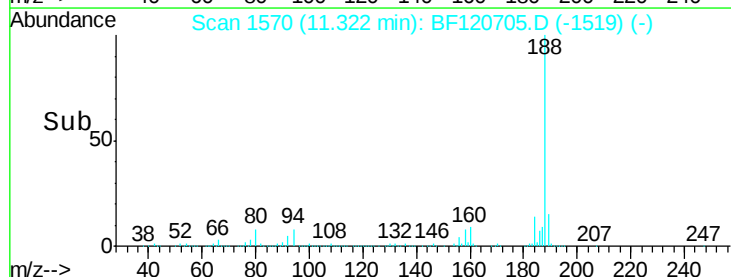
80 9.5 7.4 11.2

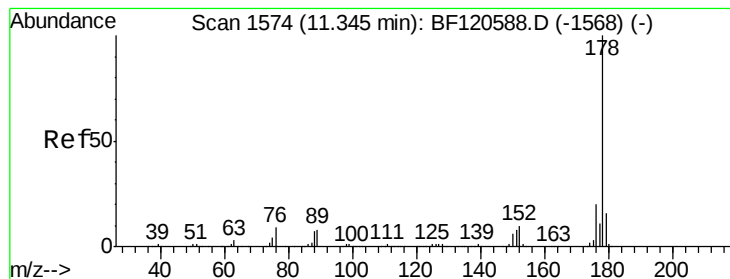


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 54.155 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

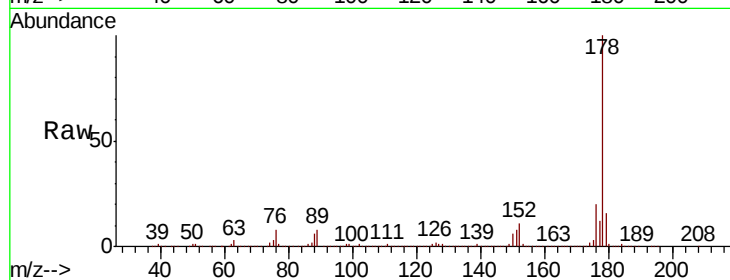
BNA_F

ClientSampleId :

CL-01-062420

Tot Ion:178 Resp: 1517601

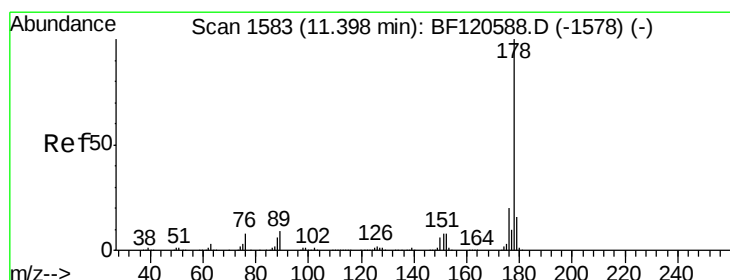
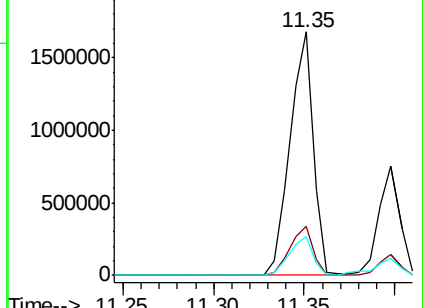
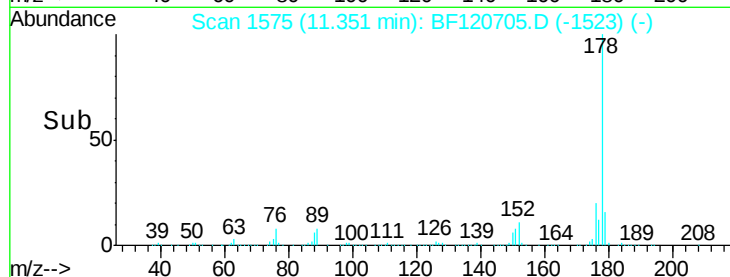
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.1	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.008 ng

RT: 11.40 min Scan# 1583

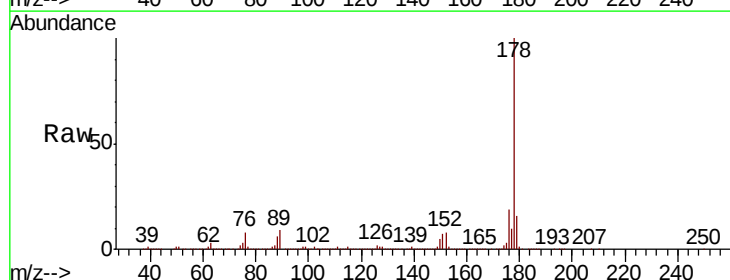
Delta R.T. 0.00 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Tgt Ion:178 Resp: 593402

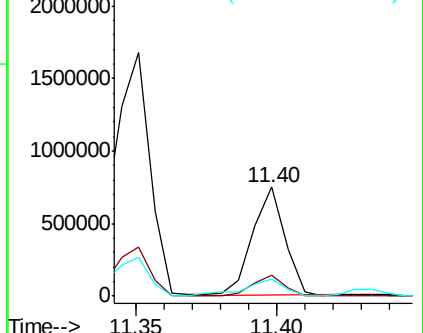
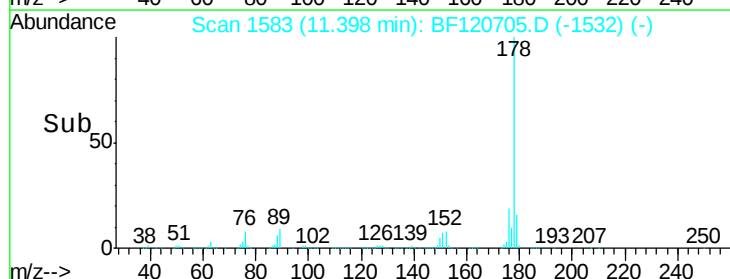
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.8	12.9	19.3

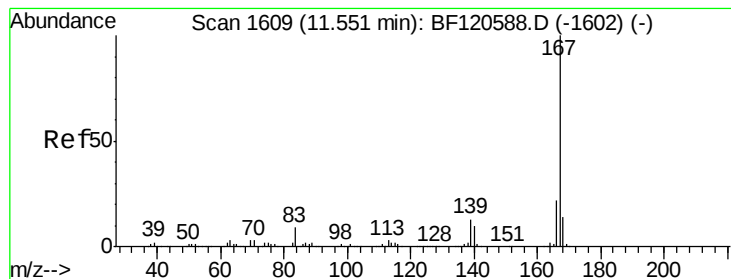


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 7.512 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

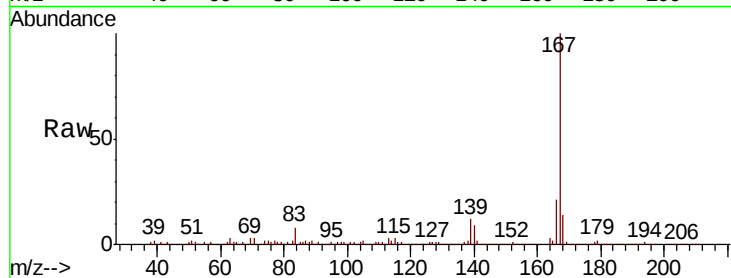
Tot Ion:167 Resp: 210044

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

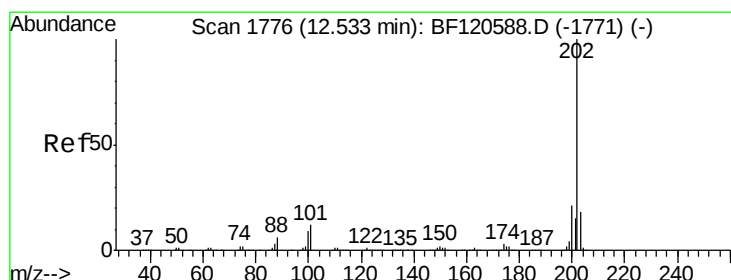
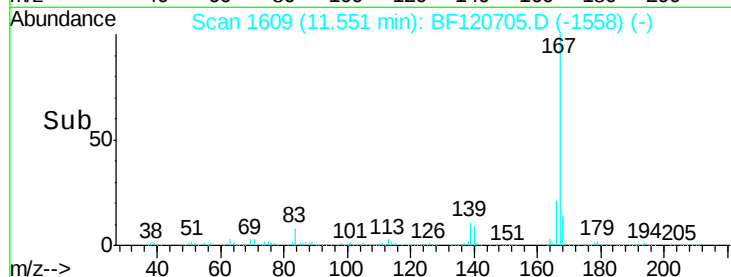
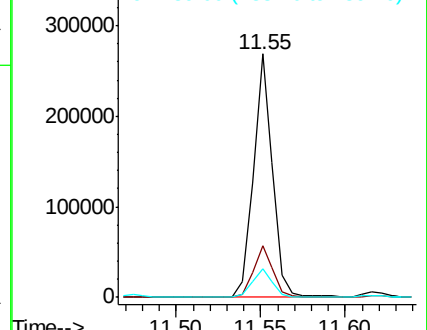
139 11.5 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 51.815 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

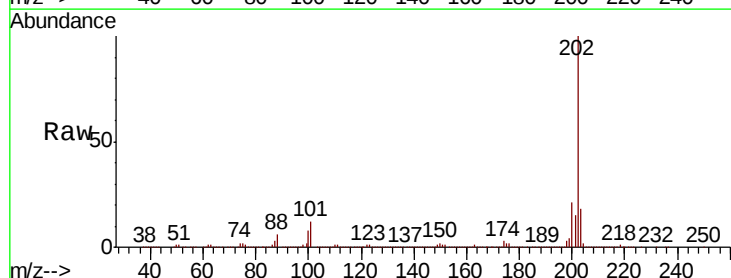
Tgt Ion:202 Resp: 1660142

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.0

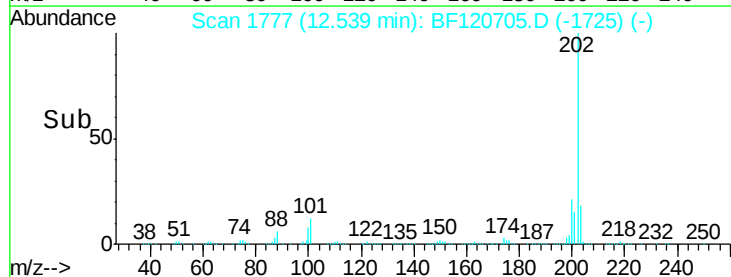
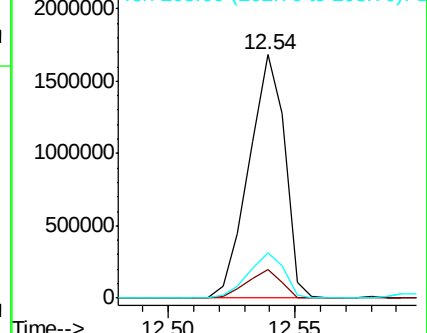
203 18.5 0.0 38.3

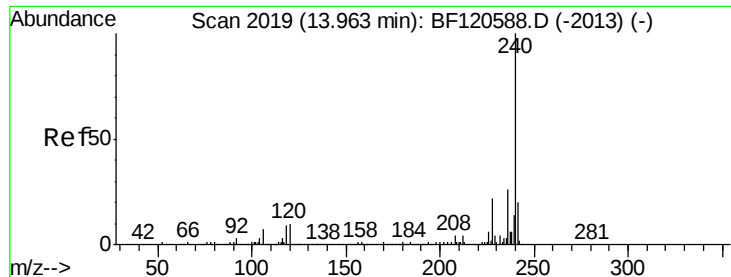


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

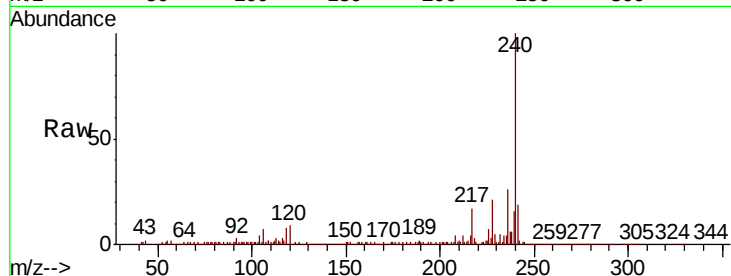
Tot Ion:240 Resp: 412151

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

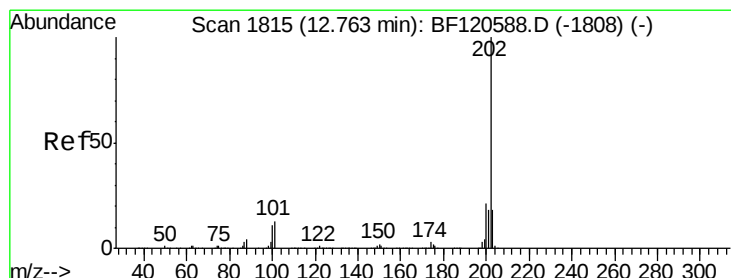
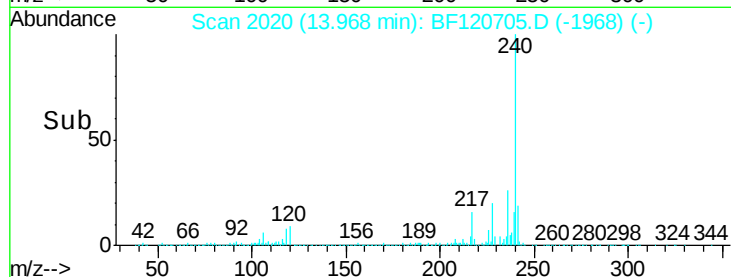
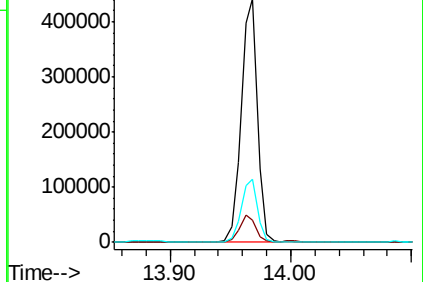
236 25.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 49.916 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

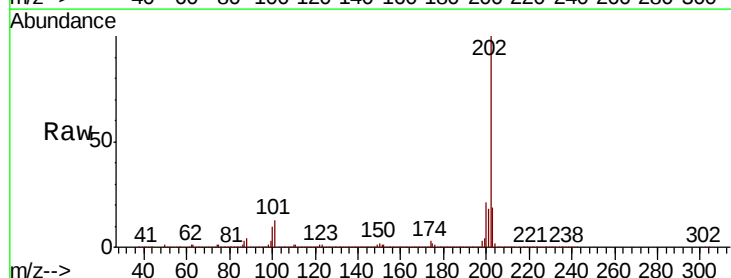
Tgt Ion:202 Resp: 1457417

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

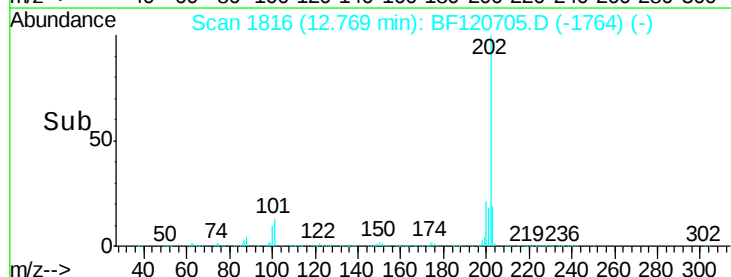
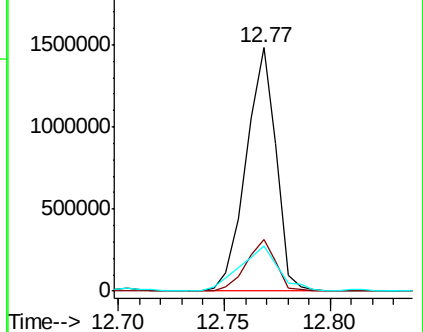
203 18.8 14.3 21.5

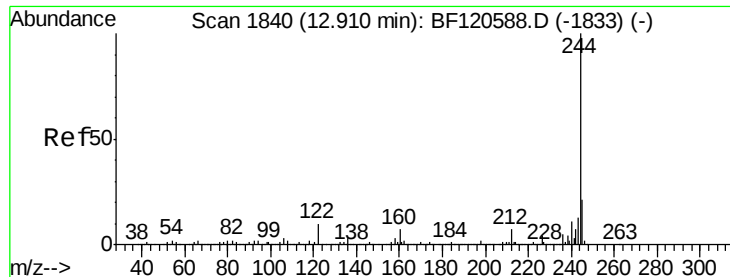


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 37.960 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

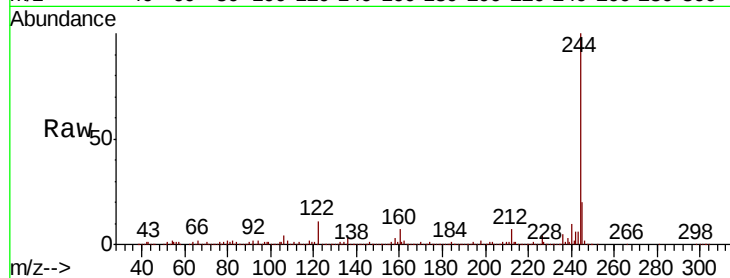
Tot Ion:244 Resp: 708294

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

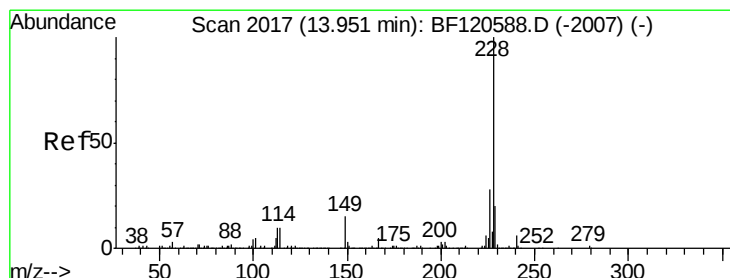
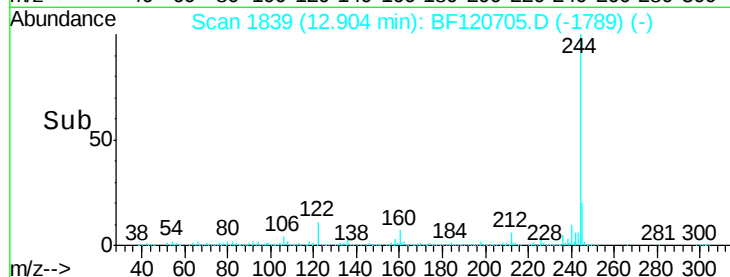
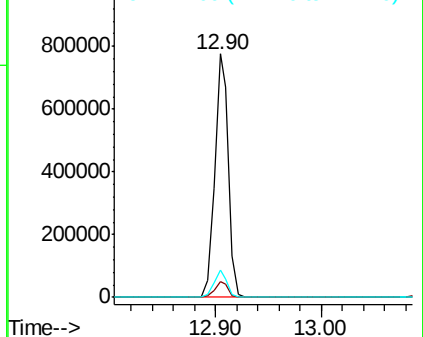
122 11.4 8.3 12.5



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



#81

Benzo(a)anthracene

Concen: 27.761 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120705.D

Acq: 25 Jun 2020 15:56

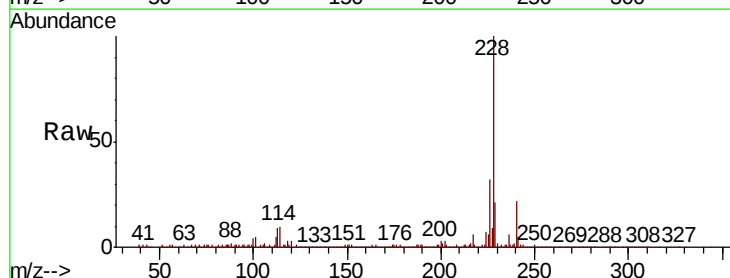
Tgt Ion:228 Resp: 687406

Ion Ratio Lower Upper

228 100

226 32.0 22.5 33.7

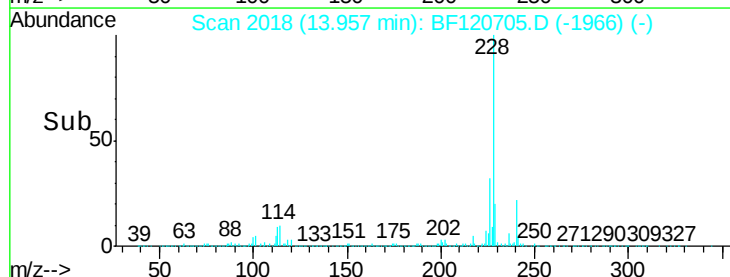
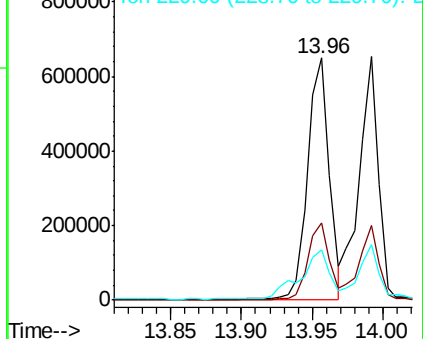
229 20.6 16.1 24.1

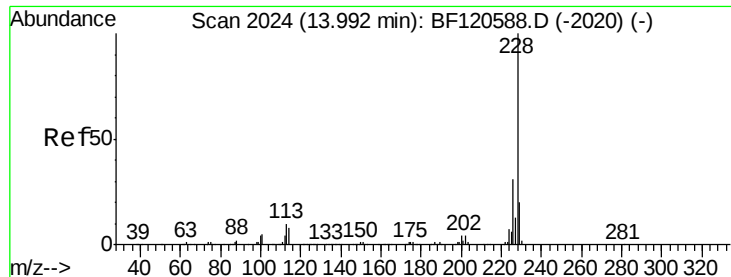


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

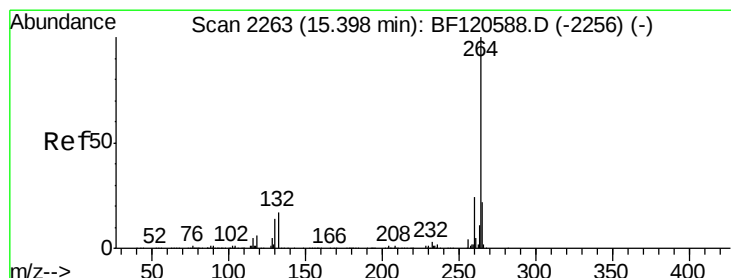
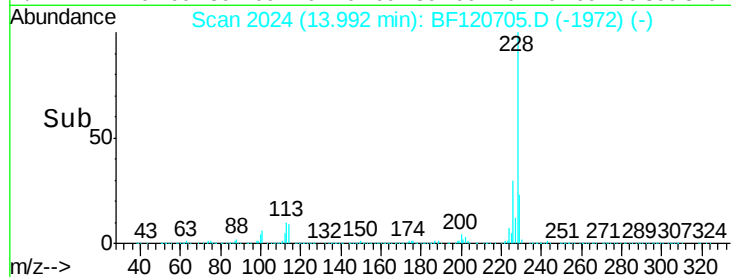
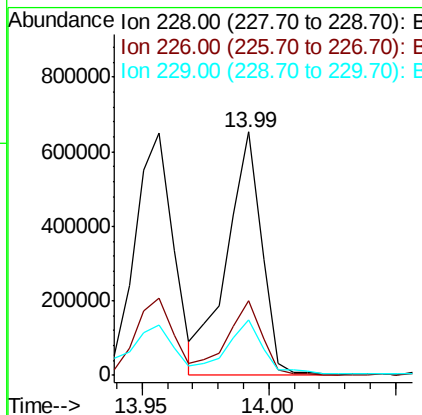
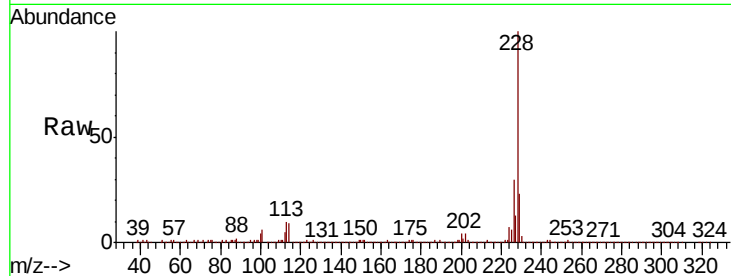




#83
Chrysene
Concen: 24.421 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

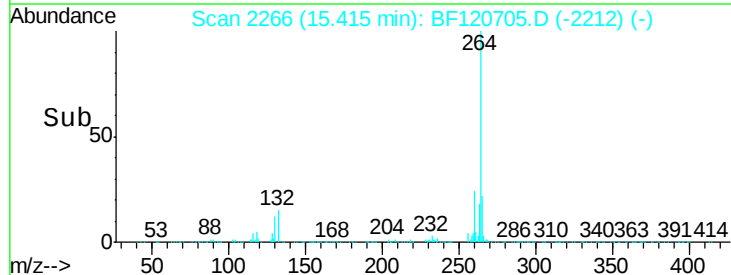
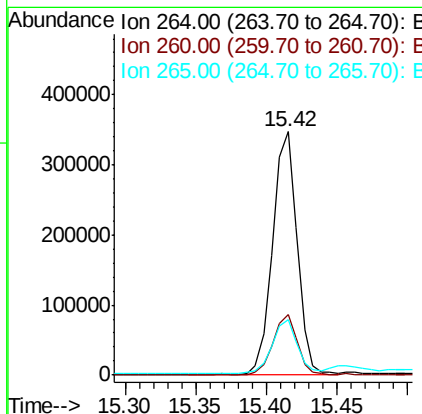
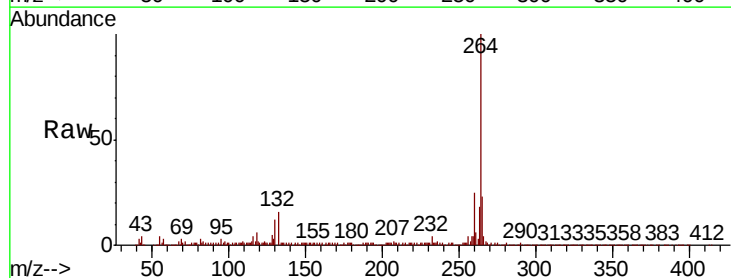
Instrument :
BNA_F
ClientSampleId :
CL-01-062420

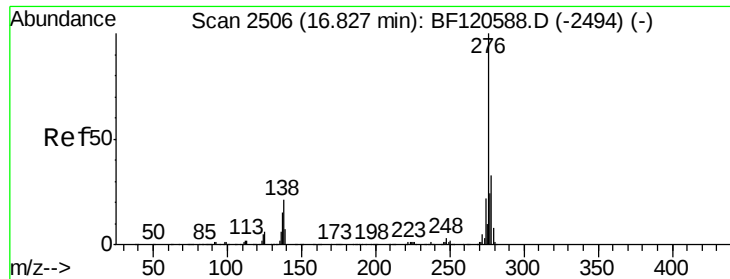
Tot Ion:228 Resp: 620266
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.9 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:264 Resp: 421566
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.5 17.8 26.8

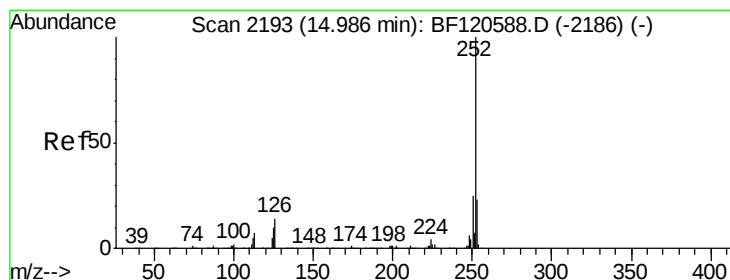
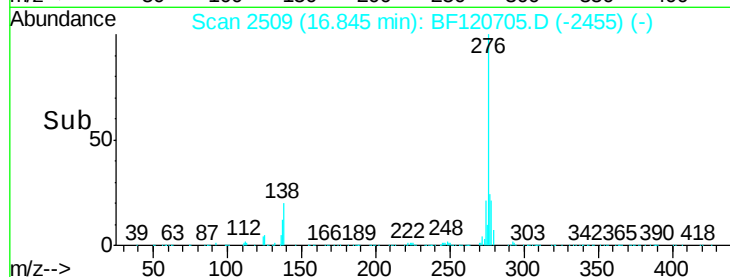
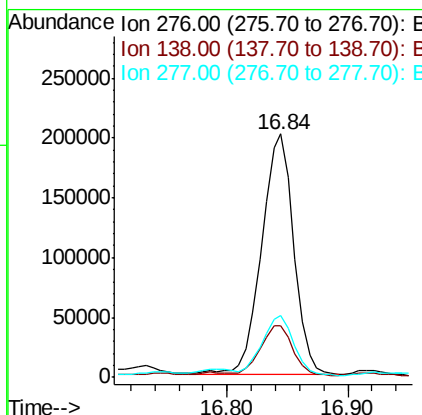
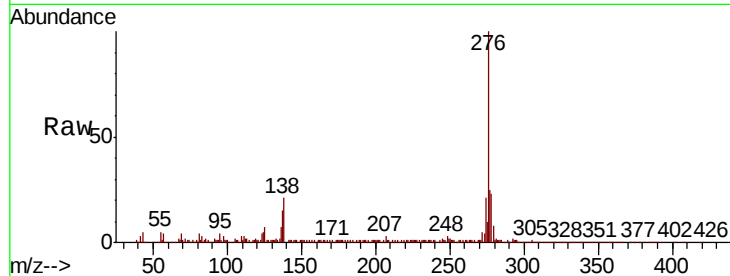




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.562 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

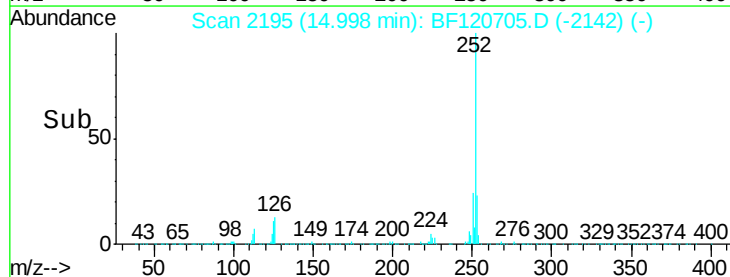
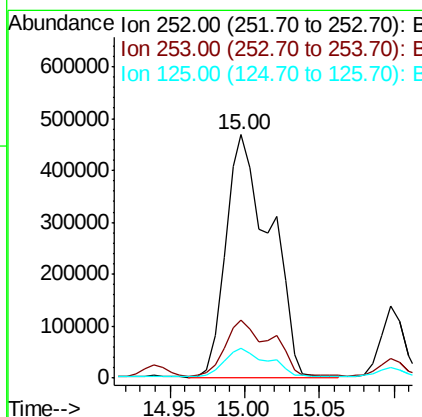
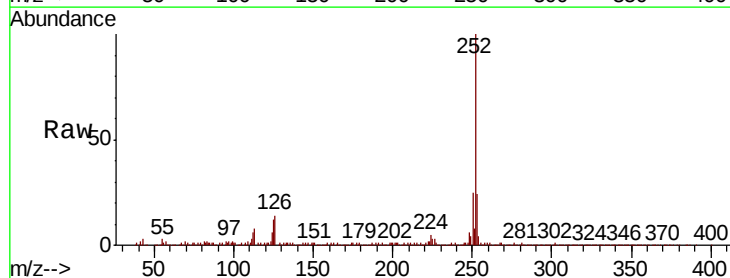
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

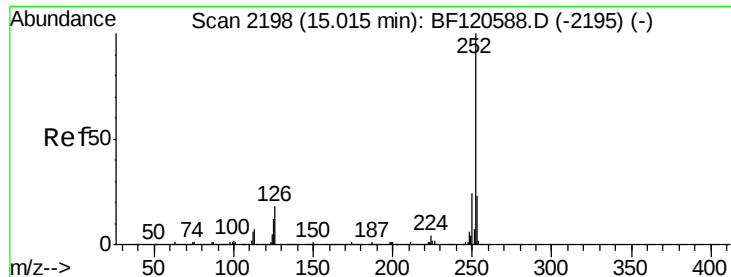
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.9	28.3
277	24.1	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 38.201 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF120705.D
 Acq: 25 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.0	8.3	12.5

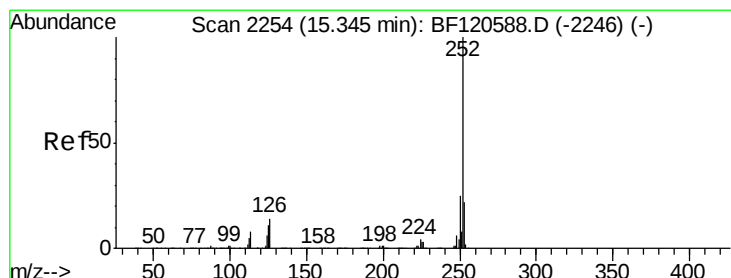
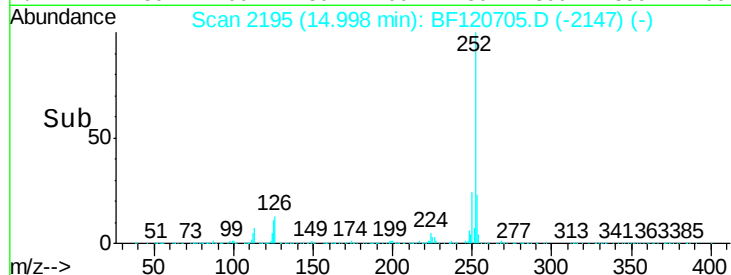
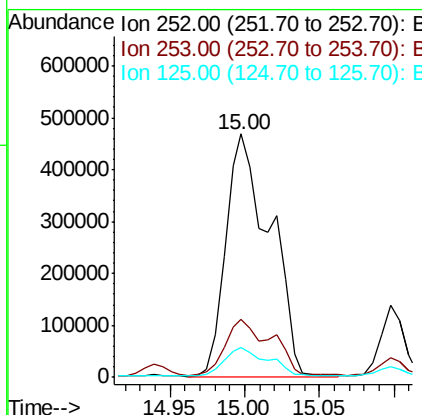
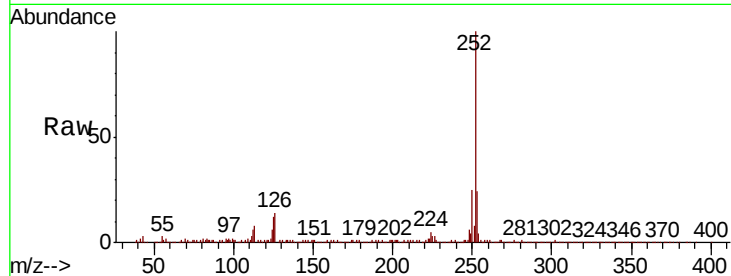




#89
Benzo(k)fluoranthene
Concen: 43.172 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

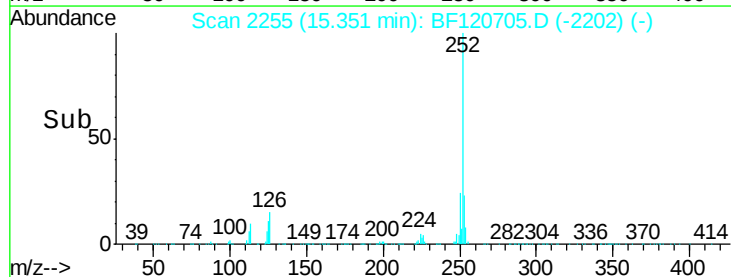
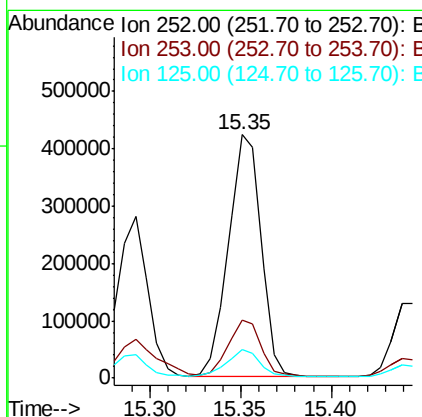
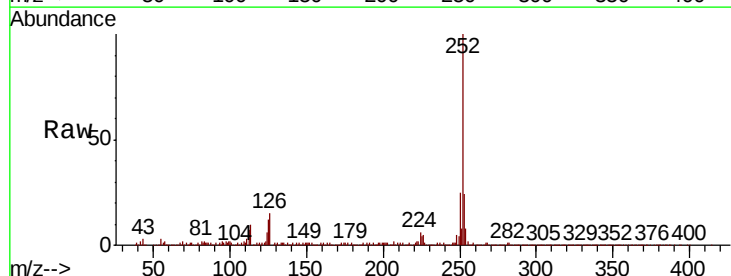
Instrument :
BNA_F
ClientSampleId :
CL-01-062420

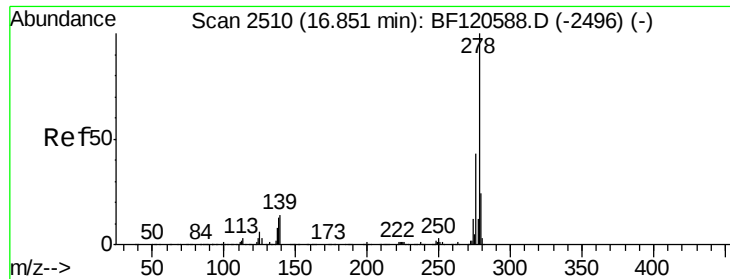
Tot Ion:252 Resp: 959296
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 12.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 23.640 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:252 Resp: 531288
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 11.8 8.6 12.8

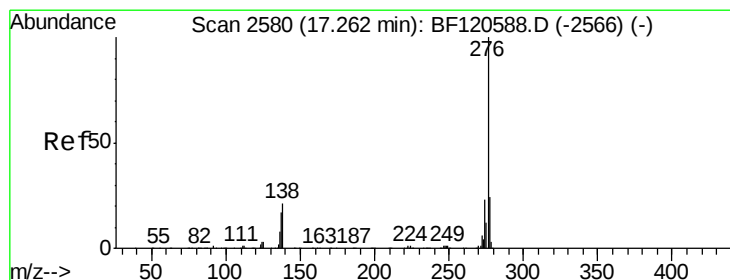
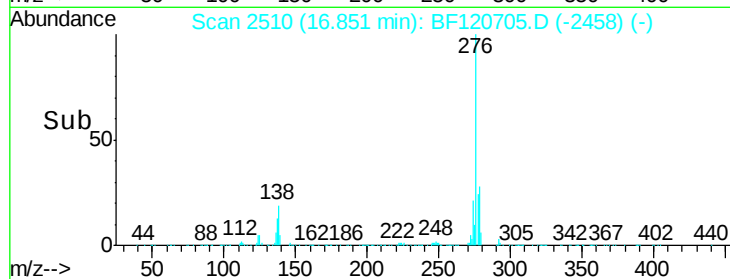
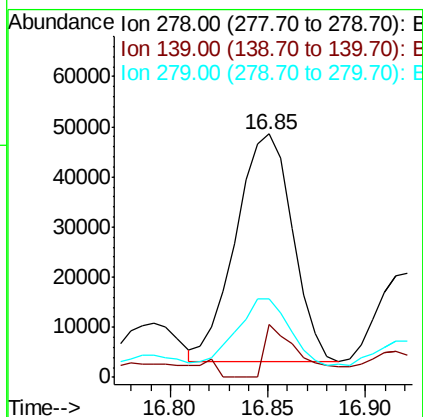
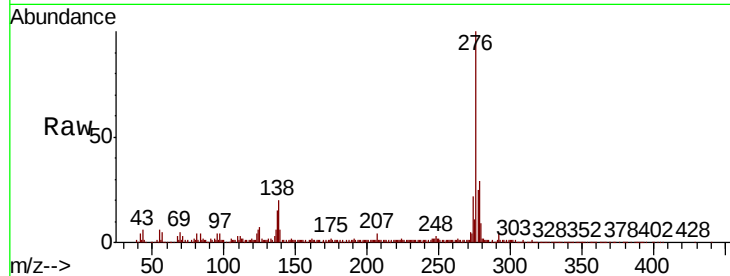




#91
Dibenzo(a,h)anthracene
Concen: 4.484 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion:278 Resp: 92214
Ion Ratio Lower Upper
278 100
139 21.7 11.4 17.2#
279 32.5 19.1 28.7#



#92
Benzo(g,h,i)perylene
Concen: 16.040 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:276 Resp: 332467
Ion Ratio Lower Upper
276 100
277 24.2 19.6 29.4
138 20.0 16.5 24.7

