

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120337.D
 Acq On : 15 May 2020 22:31
 Operator : MA/SJ
 Sample : L2500-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-051220

Quant Time: May 16 05:38:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

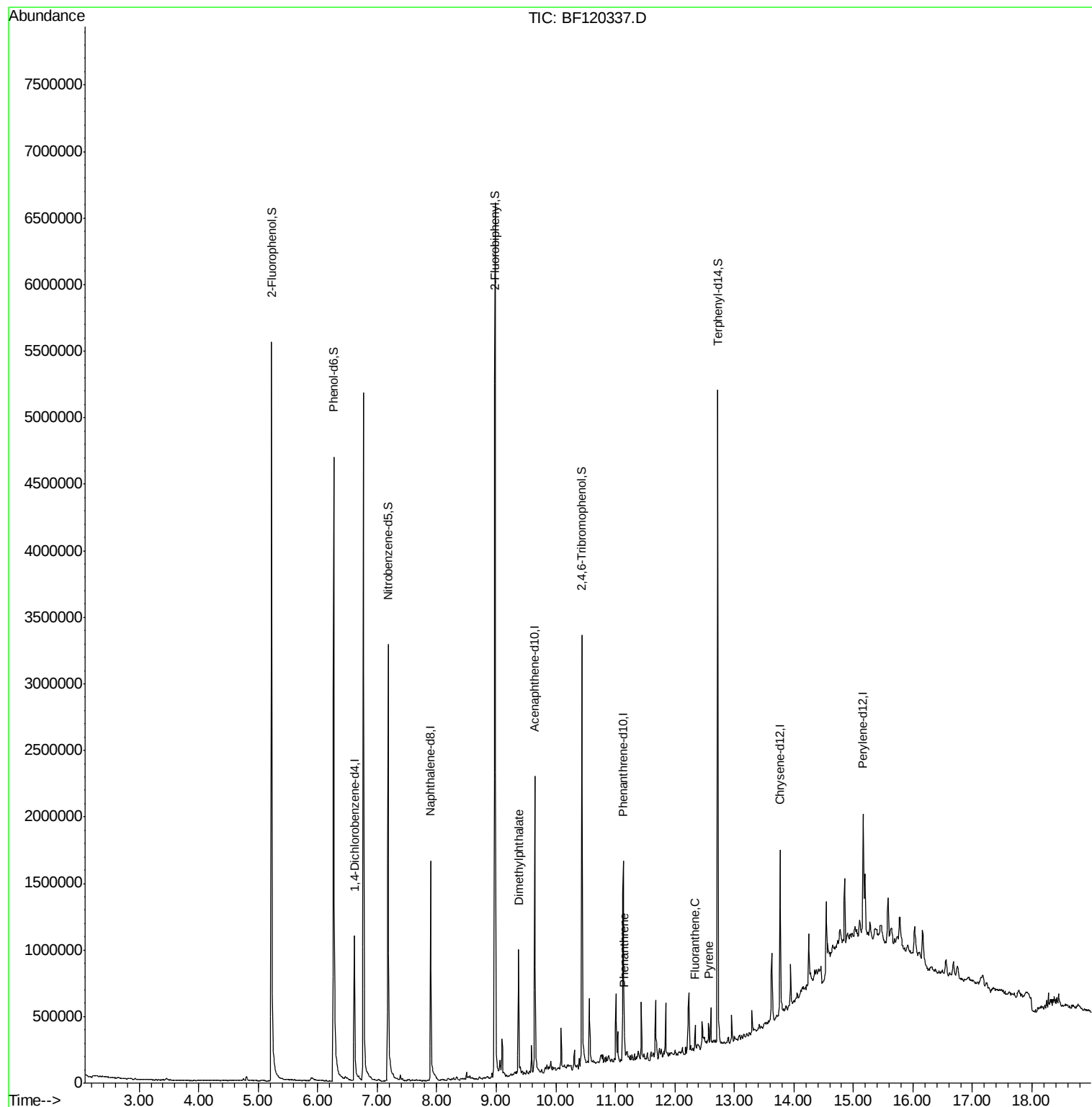
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	232149	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	897077	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	490999	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	646117	20.00	ng	0.00
76) Chrysene-d12	13.77	240	449190	20.00	ng	0.00
87) Perylene-d12	15.16	264	425892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1743964	146.17	ng	0.00
7) Phenol-d6	6.27	99	2242540	148.63	ng	0.00
23) Nitrobenzene-d5	7.19	82	1336126	101.98	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	410027	102.42	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2264927	94.77	ng	0.00
79) Terphenyl-d14	12.72	244	1945677	95.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.37	163	368287	11.866	ng	98
71) Phenanthrene	11.16	178	56969	2.098	ng	99
75) Fluoranthene	12.34	202	78808	2.708	ng	97
78) Pyrene	12.57	202	76673	2.394	ng	97

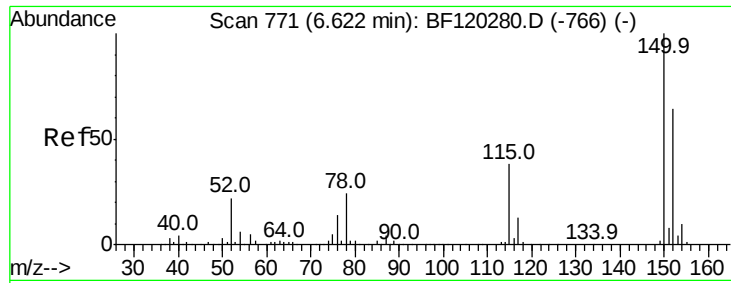
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 05:38:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

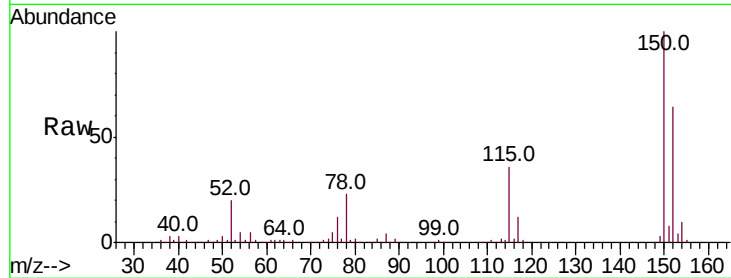
Tot Ion:152 Resp: 232149

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

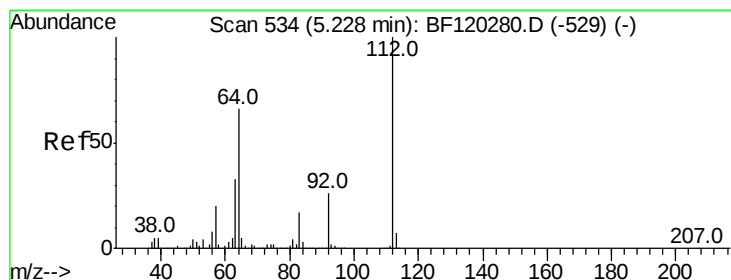
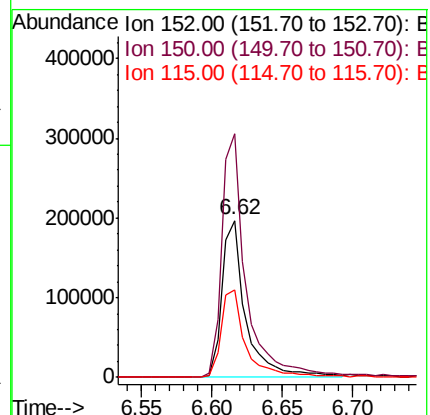
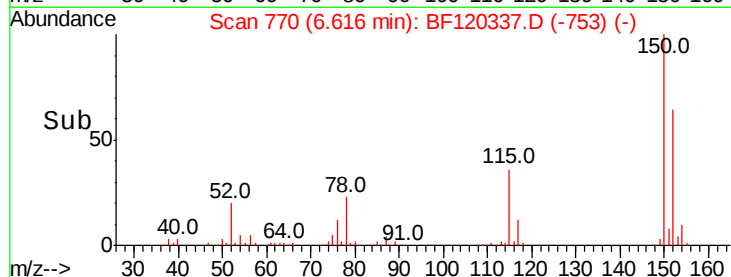
115 55.8 47.9 71.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 146.166 ng

RT: 5.22 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

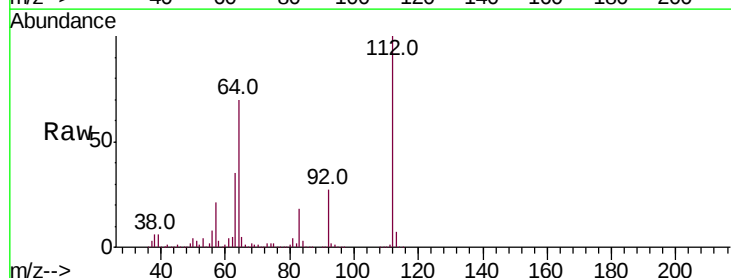
Tgt Ion:112 Resp: 1743964

Ion Ratio Lower Upper

112 100

64 69.7 52.7 79.1

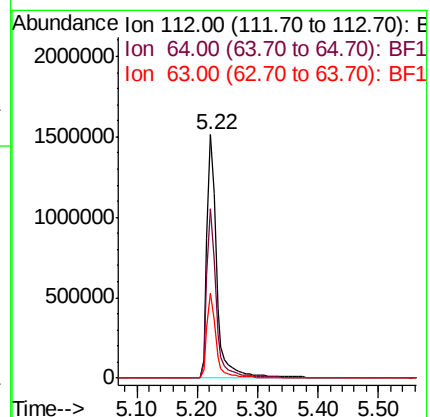
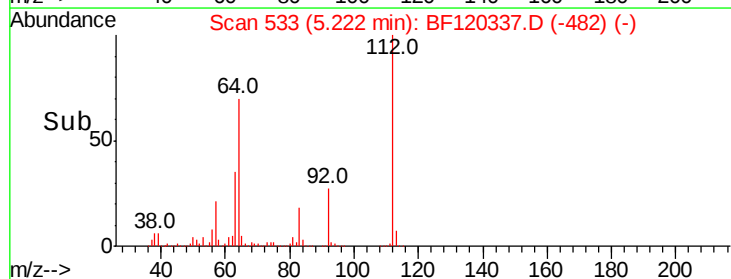
63 35.0 26.2 39.4

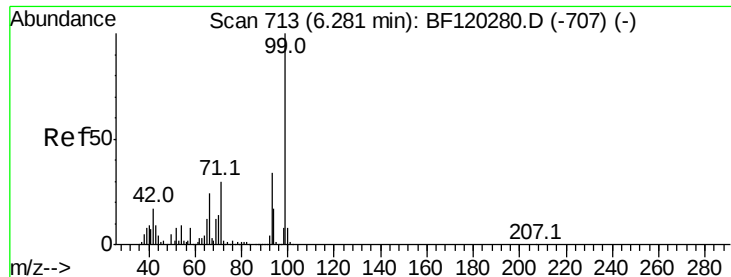


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 148.628 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

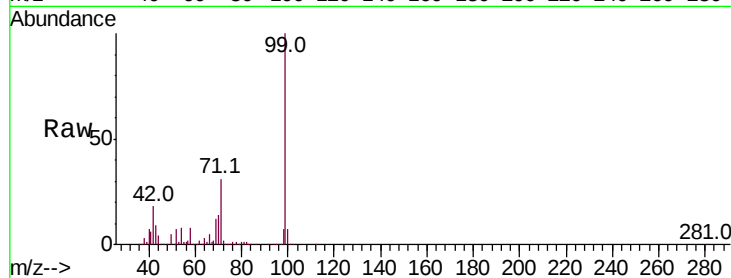
Tot Ion: 99 Resp: 2242540

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

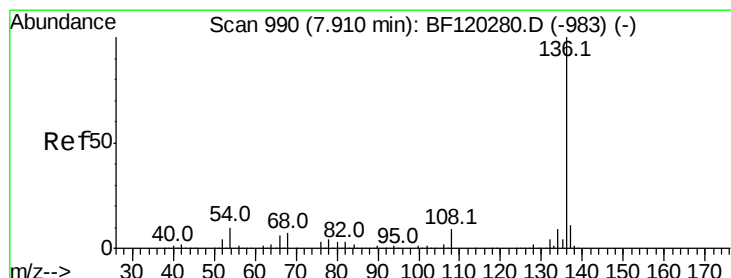
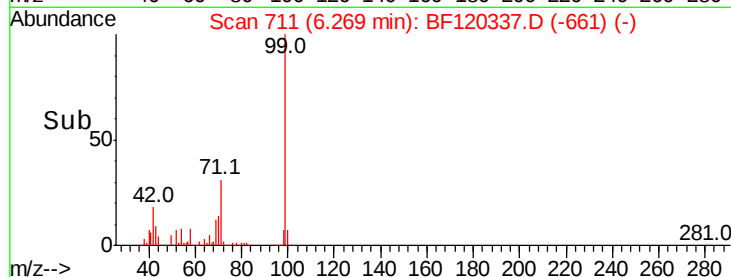
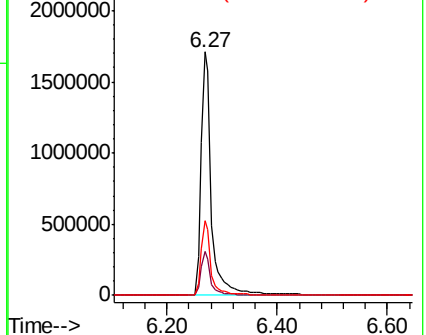
71 30.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Tgt Ion: 136 Resp: 897077

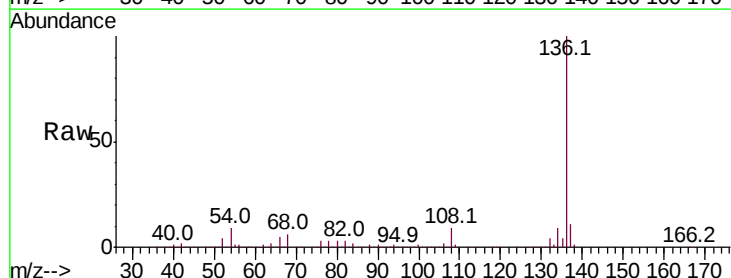
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.1 7.9 11.9

68 6.2 5.4 8.2

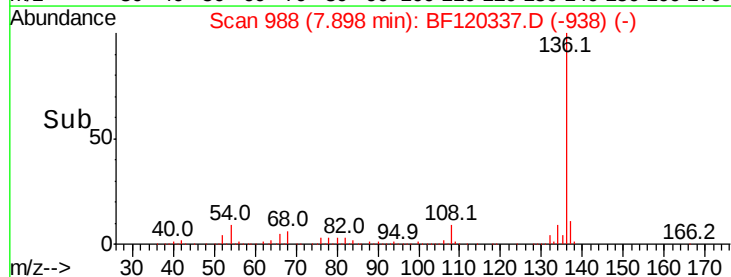
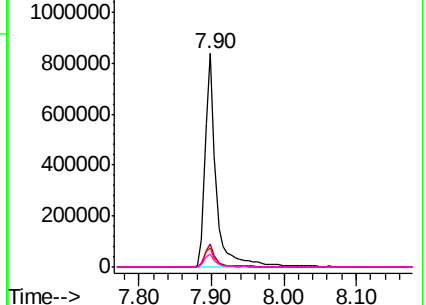


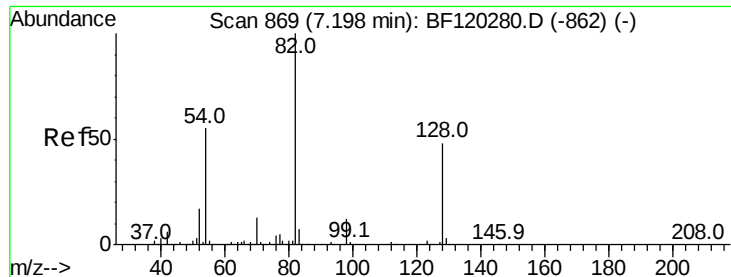
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

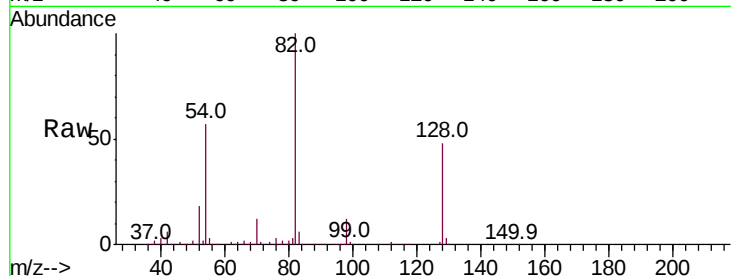




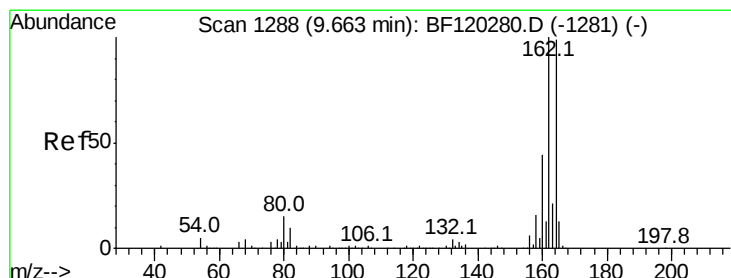
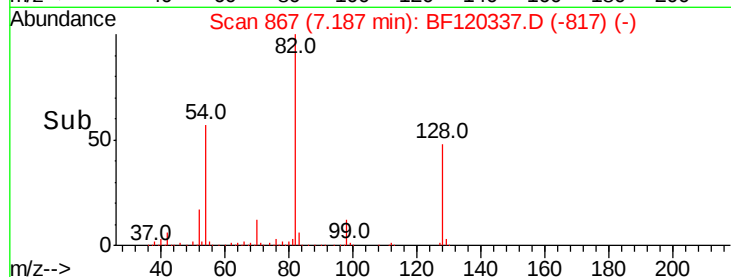
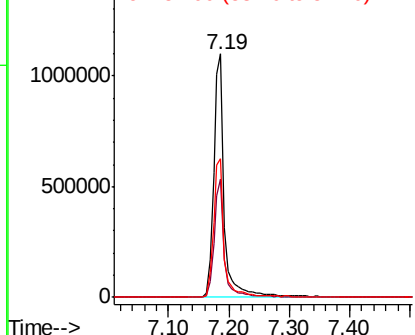
#23
Nitrobenzene-d5
Concen: 101.976 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Instrument :
BNA_F
ClientSampleId :
OK-02-051220

Tot Ion: 82 Resp: 1336126
Ion Ratio Lower Upper
82 100
128 48.3 38.3 57.5
54 56.7 43.9 65.9

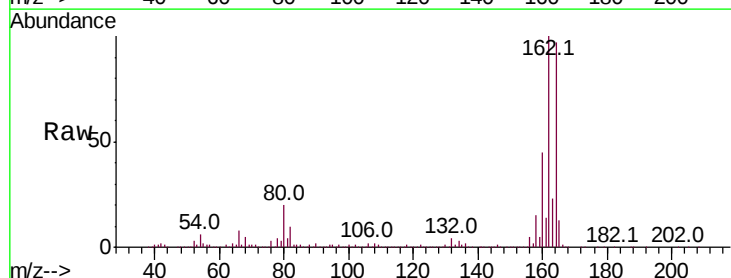


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

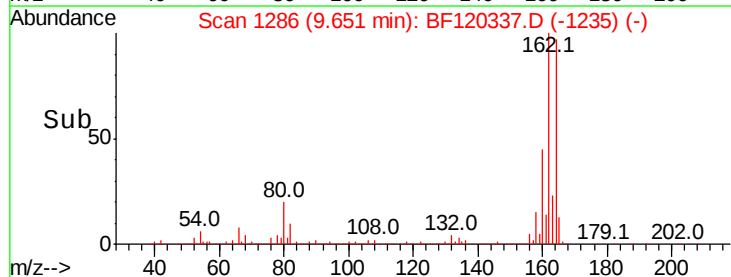
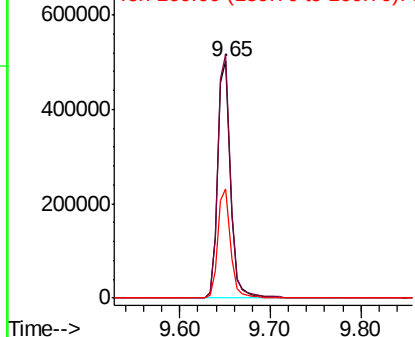


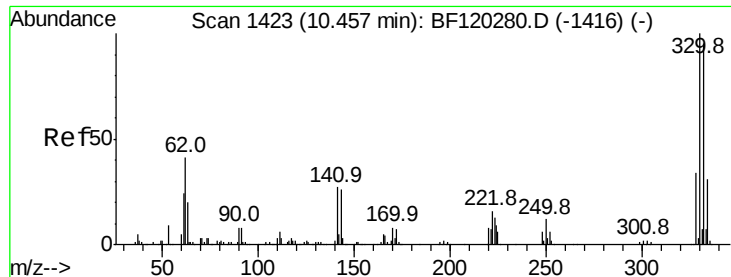
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:164 Resp: 490999
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.3 35.8 53.6



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

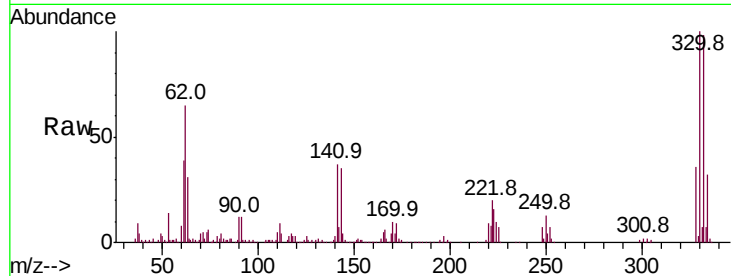




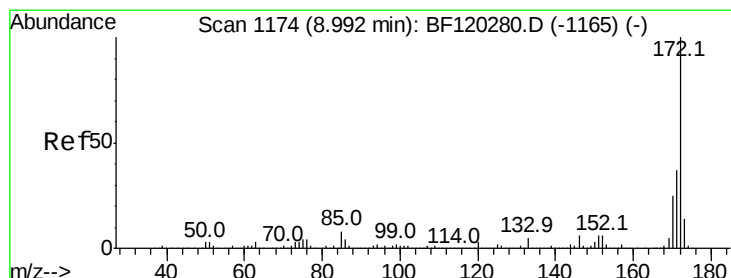
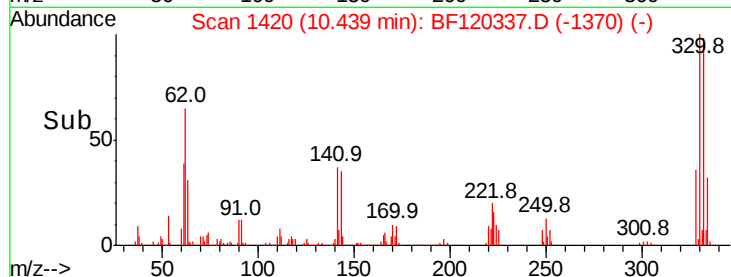
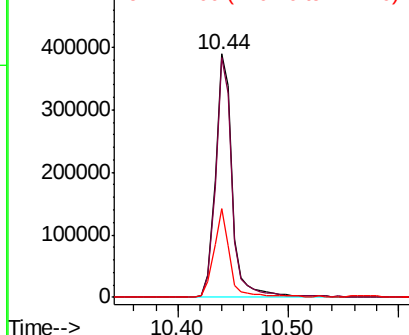
#42
 2,4,6-Tribromophenol
 Concen: 102.421 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-051220

Tot Ion:330 Resp: 410027
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.5 114.7
 141 33.1 25.4 38.0

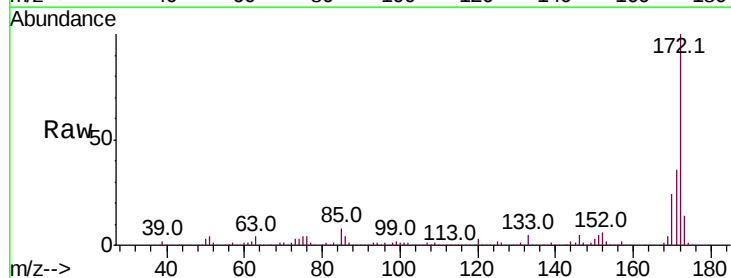


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

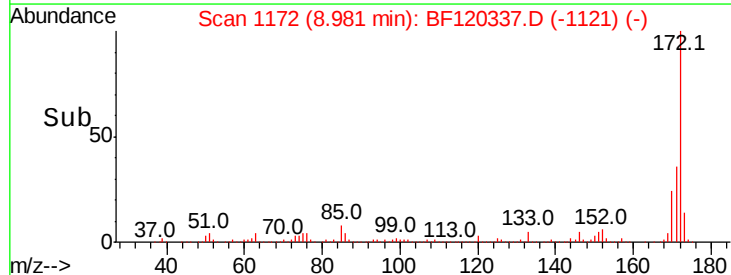
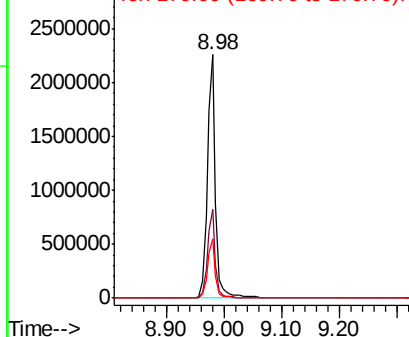


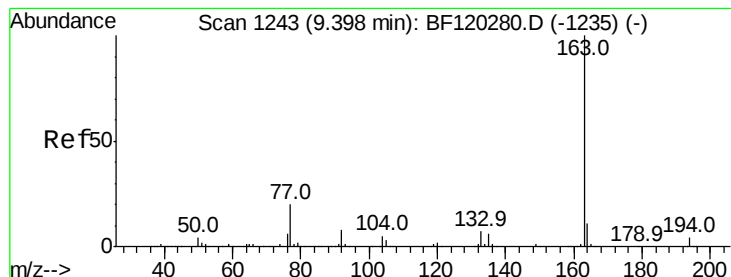
#45
 2-Fluorobiphenyl
 Concen: 94.771 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF120337.D
 Acq: 15 May 2020 22:31

Tgt Ion:172 Resp: 2264927
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.9 29.9



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





#50

Dimethylphthalate

Concen: 11.866 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

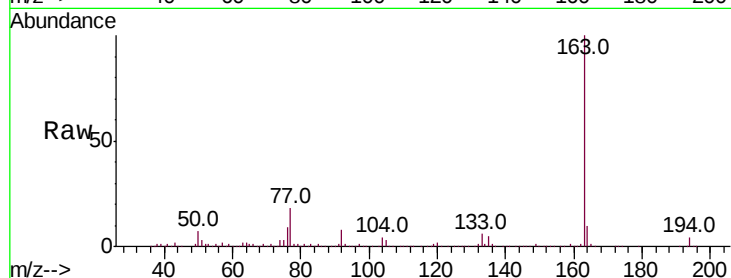
Tot Ion:163 Resp: 368287

Ion Ratio Lower Upper

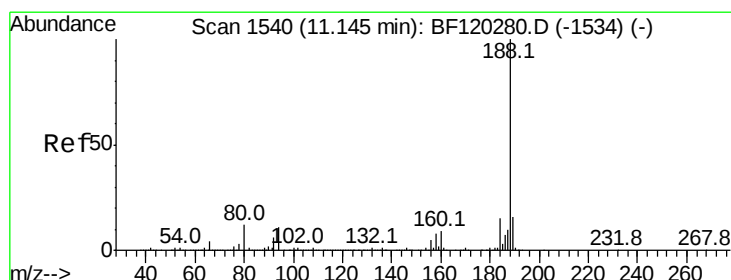
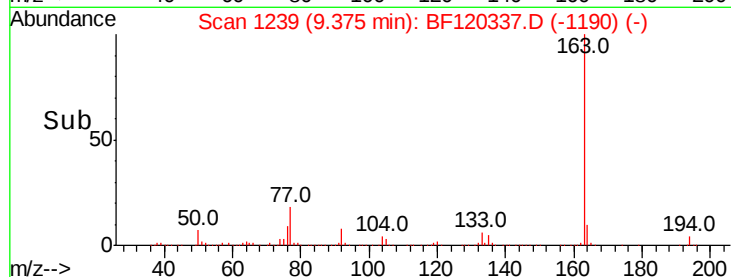
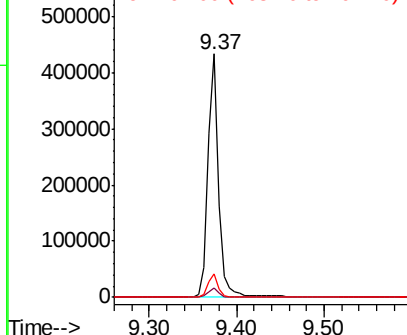
163 100

194 3.7 3.1 4.7

164 9.5 8.6 12.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

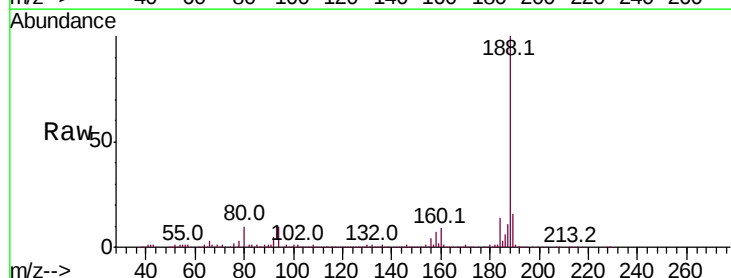
Tgt Ion:188 Resp: 646117

Ion Ratio Lower Upper

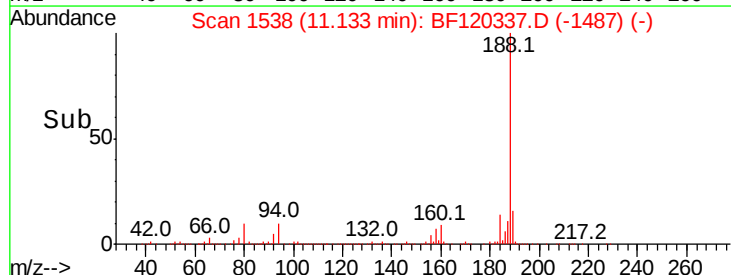
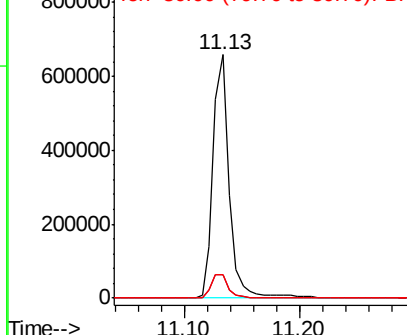
188 100

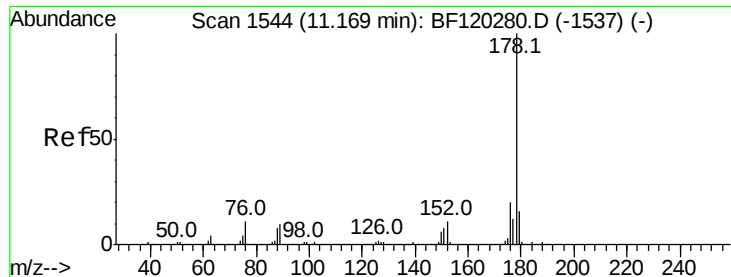
94 9.7 8.6 13.0

80 9.7 9.2 13.8



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: 2.098 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

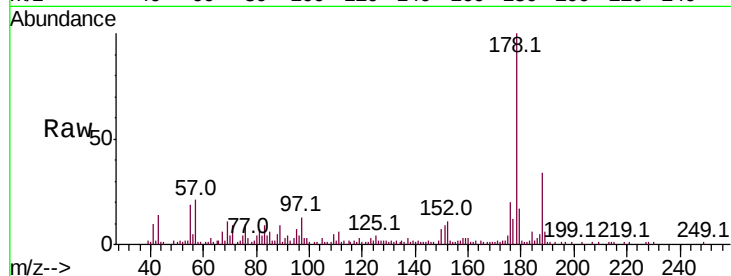
Tot Ion:178 Resp: 56969

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

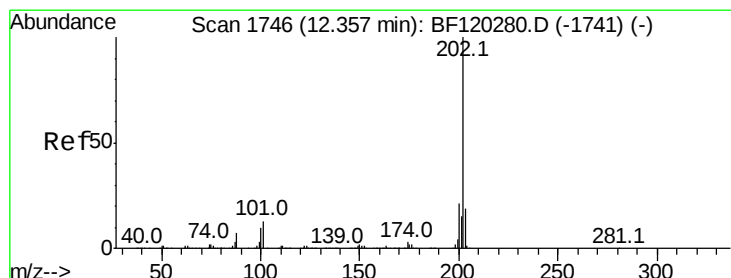
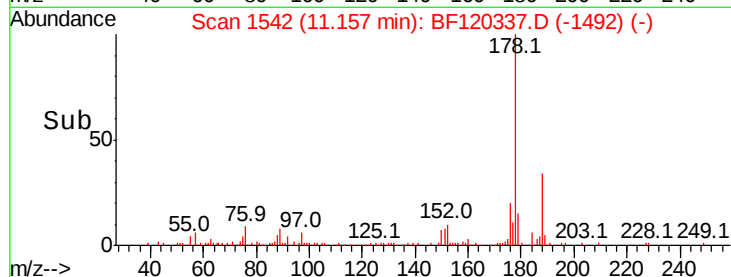
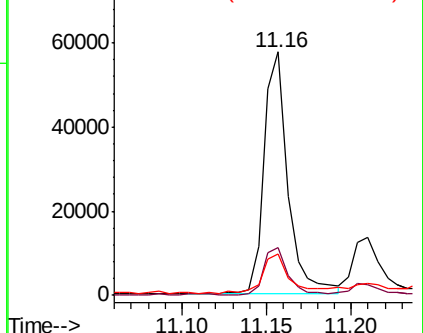
179 16.8 12.8 19.2



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



#75

Fluoranthene

Concen: 2.708 ng

RT: 12.34 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

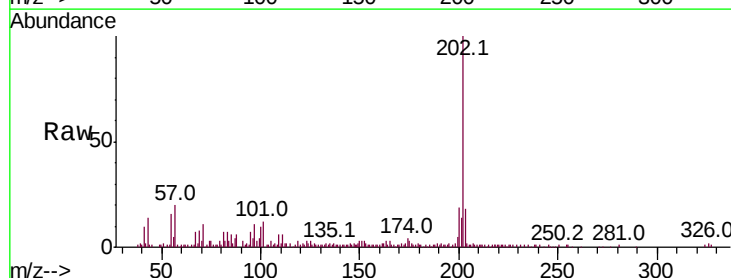
Tgt Ion:202 Resp: 78808

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

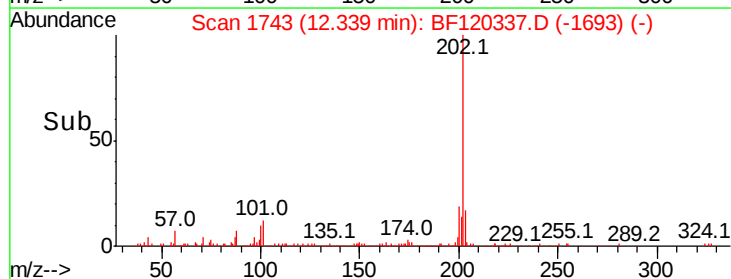
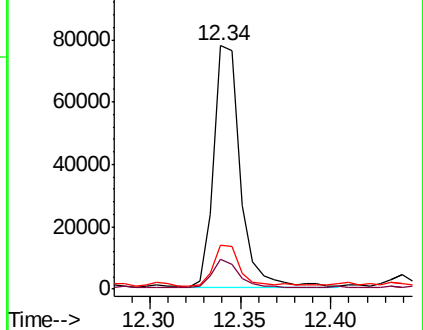
203 17.9 0.0 39.1

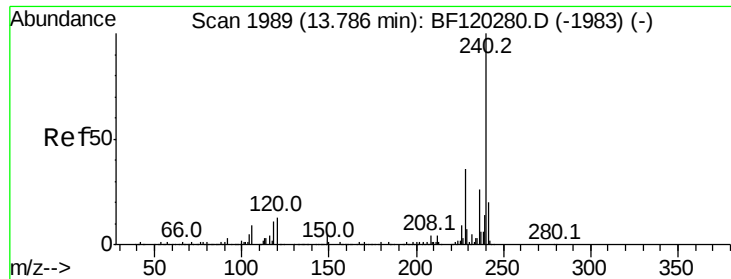


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

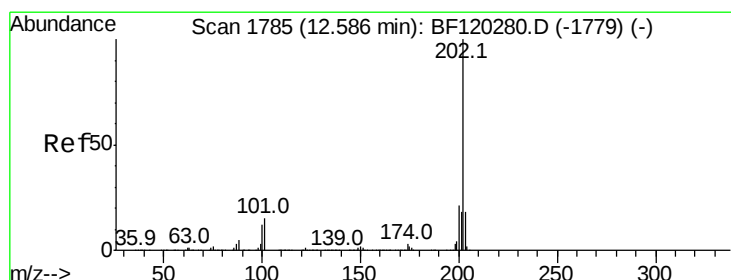
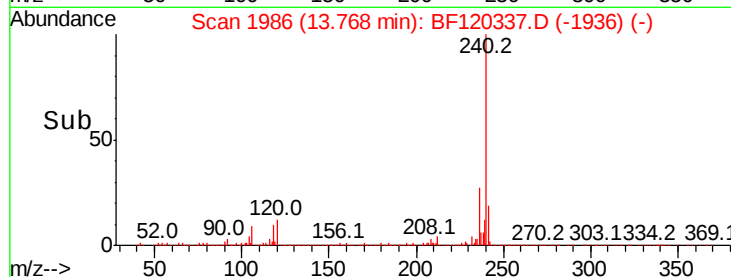
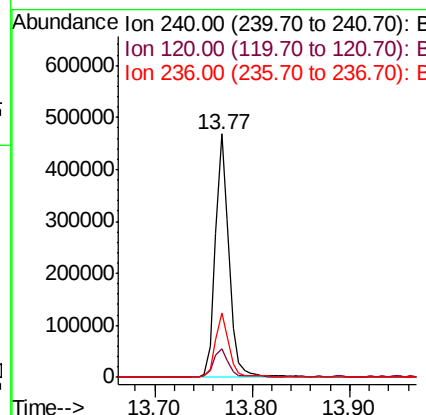
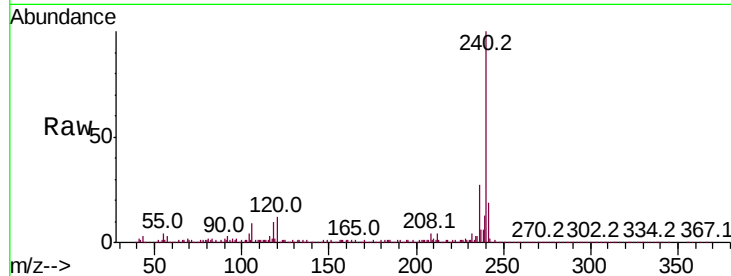




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

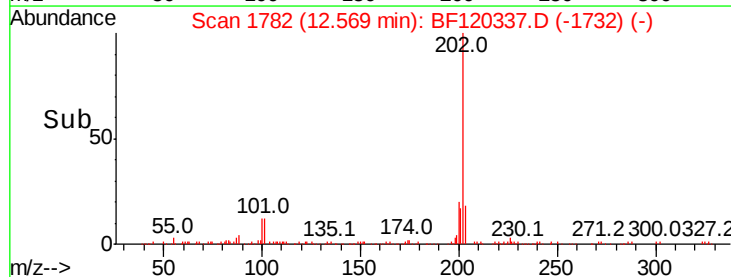
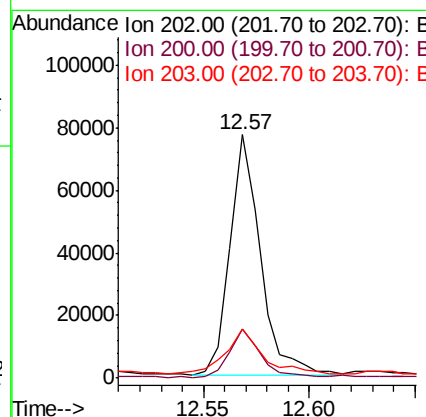
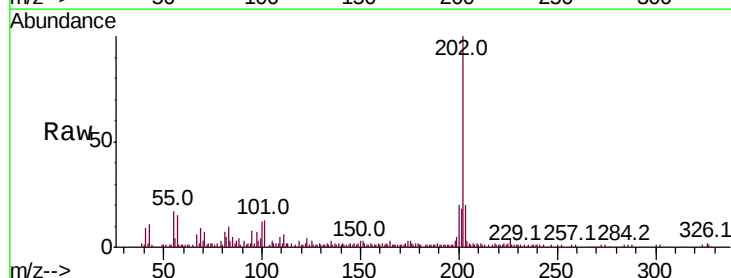
Instrument :
BNA_F
ClientSampleId :
OK-02-051220

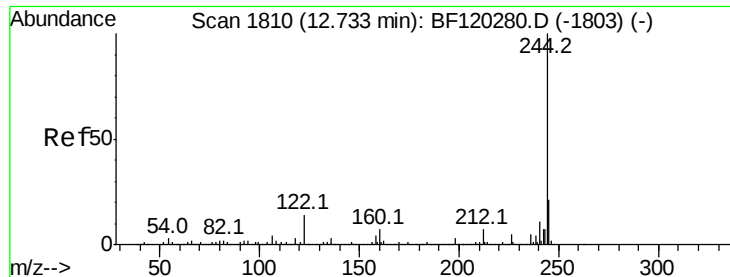
Tot Ion:240 Resp: 449190
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 26.7 21.0 31.6



#78
Pyrene
Concen: 2.394 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120337.D
Acq: 15 May 2020 22:31

Tgt Ion:202 Resp: 76673
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 20.0 14.6 22.0





#79

Terphenyl-d14

Concen: 95.693 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

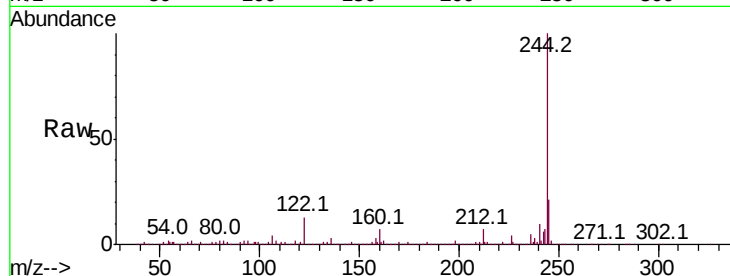
Tot Ion:244 Resp: 1945677

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

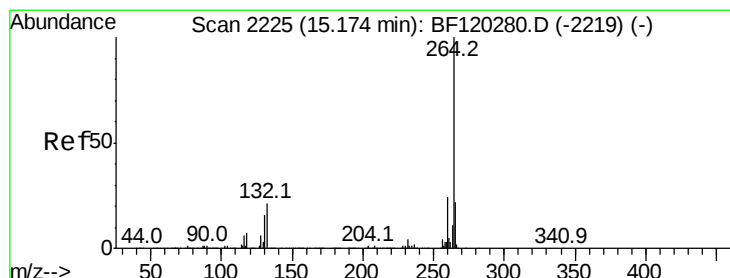
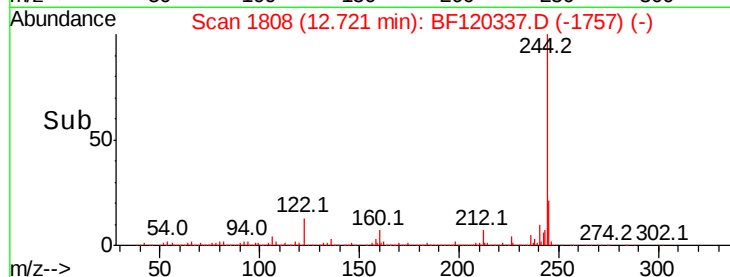
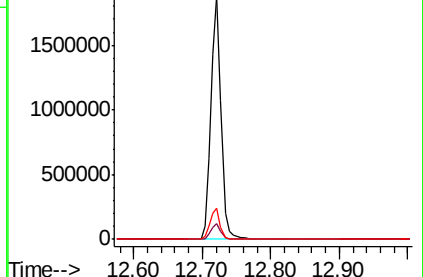
122 12.8 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF120337.D

Acq: 15 May 2020 22:31

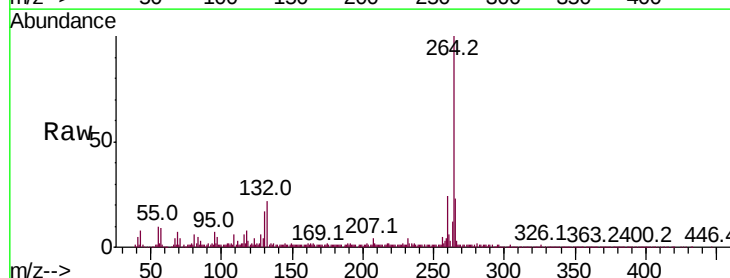
Tgt Ion:264 Resp: 425892

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 23.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

