

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120356.D
 Acq On : 18 May 2020 21:49
 Operator : MA/SJ
 Sample : L2500-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-051220

Quant Time: May 19 05:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

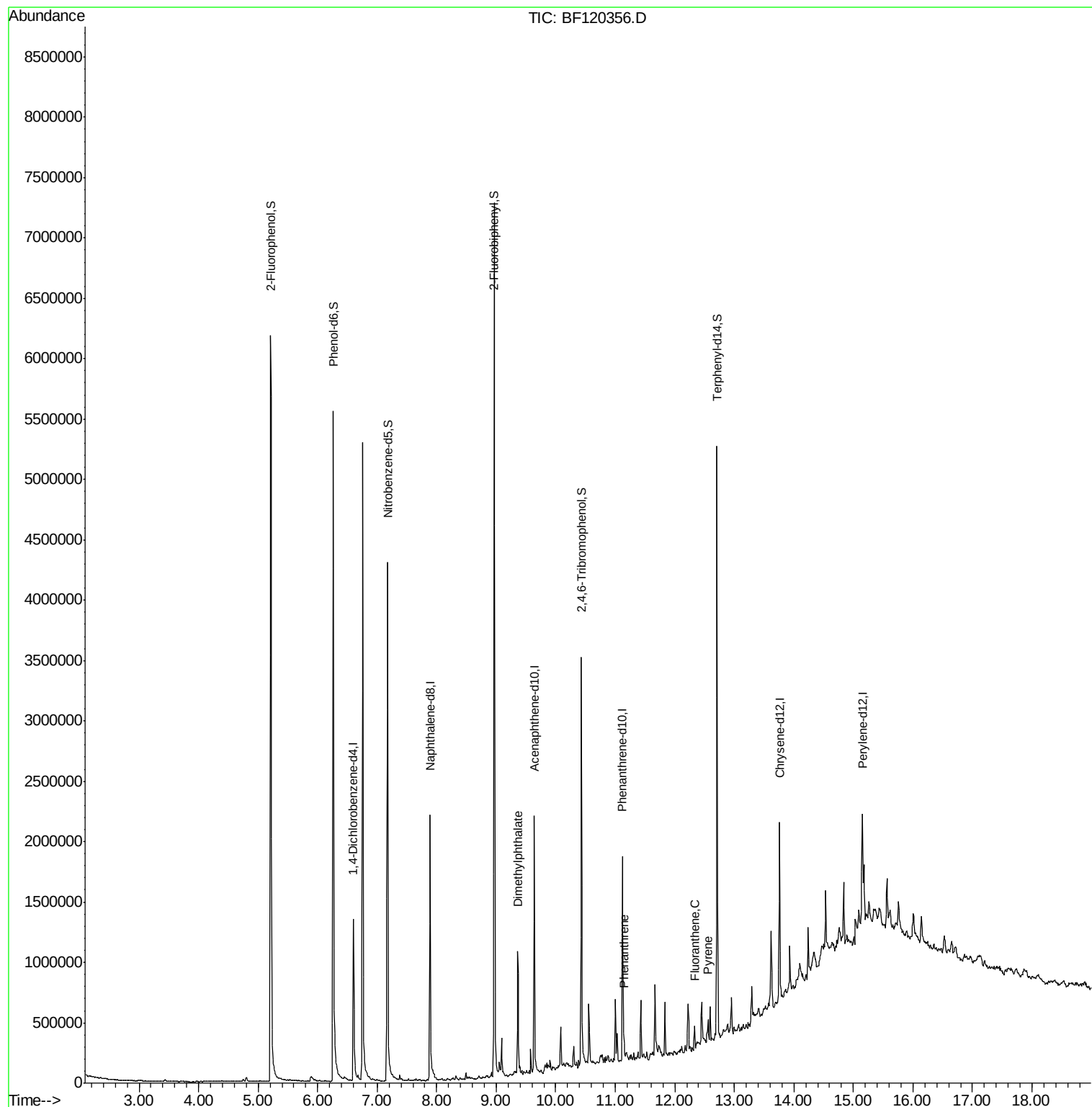
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	286603	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1108969	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	433654	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	692139	20.00	ng	0.00
76) Chrysene-d12	13.76	240	528084	20.00	ng	0.00
87) Perylene-d12	15.15	264	448285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2059546	139.82	ng	0.00
7) Phenol-d6	6.26	99	2747087	147.47	ng	0.00
23) Nitrobenzene-d5	7.17	82	1609838	99.39	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	447901	126.68	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2500597	118.47	ng	0.00
79) Terphenyl-d14	12.72	244	2083536	87.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.36	163	409405	14.935	ng	99
71) Phenanthrene	11.15	178	63421	2.181	ng	98
75) Fluoranthene	12.33	202	85871	2.755	ng	96
78) Pyrene	12.56	202	88948	2.363	ng	100

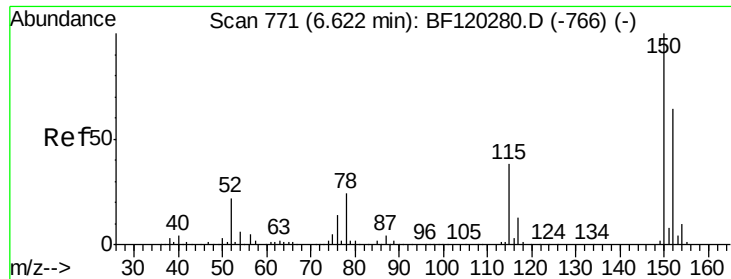
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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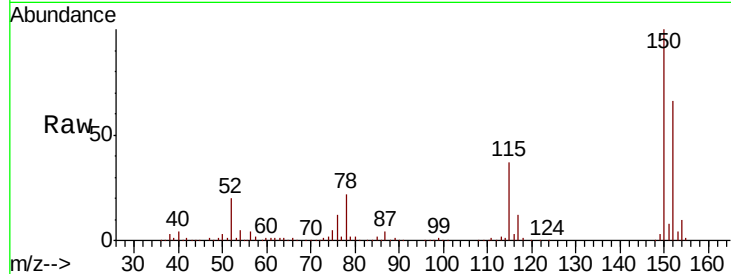


#1

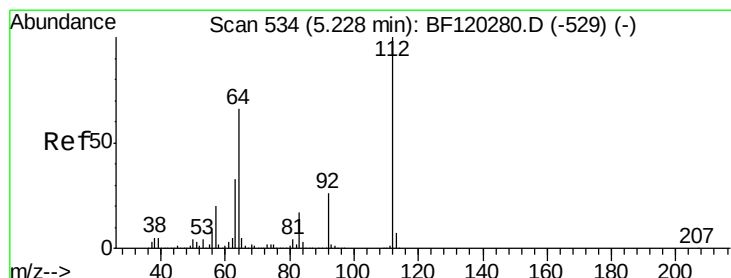
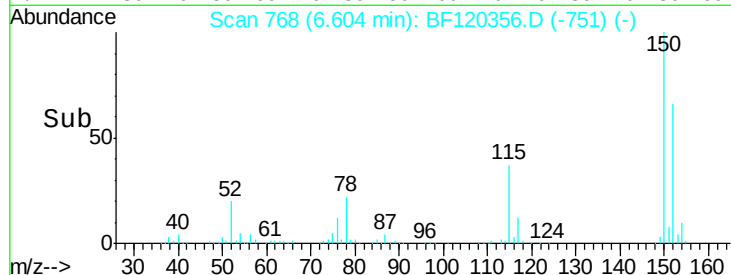
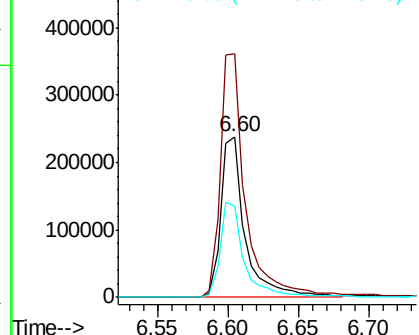
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

Instrument :
BNA_F
ClientSampleId :
OK-02-051220

Tot Ion:152 Resp: 286603
Ion Ratio Lower Upper
152 100
150 151.3 126.2 189.2
115 56.3 47.9 71.9



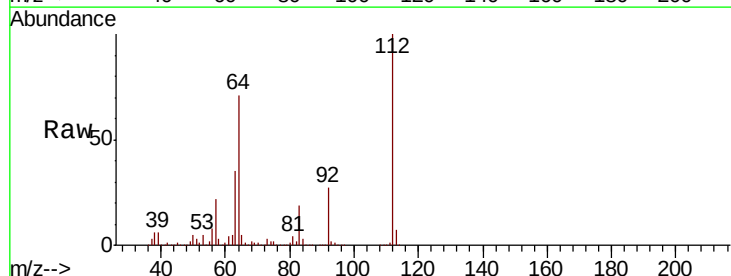
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



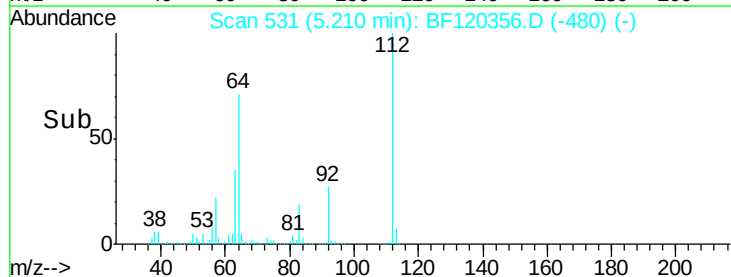
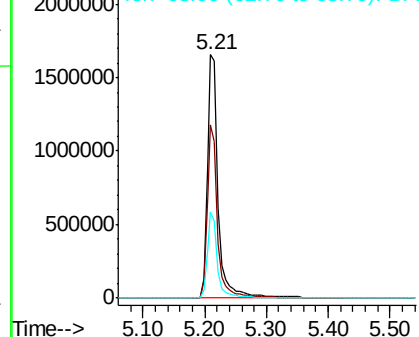
#5

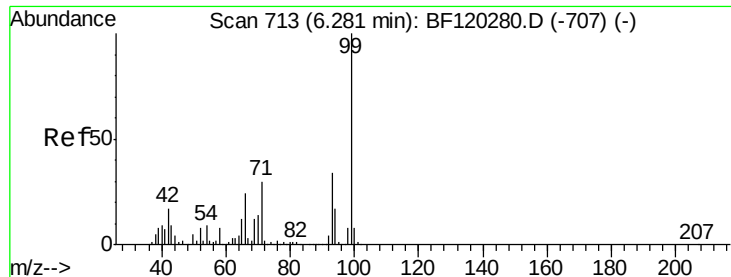
2-Fluorophenol
Concen: 139.819 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

Tgt Ion:112 Resp: 2059546
Ion Ratio Lower Upper
112 100
64 71.4 52.7 79.1
63 35.5 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: 147.475 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

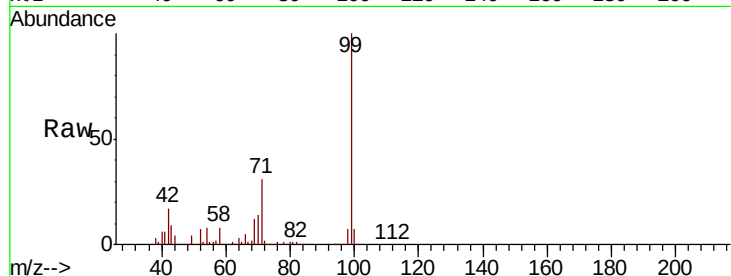
Tot Ion: 99 Resp: 2747087

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

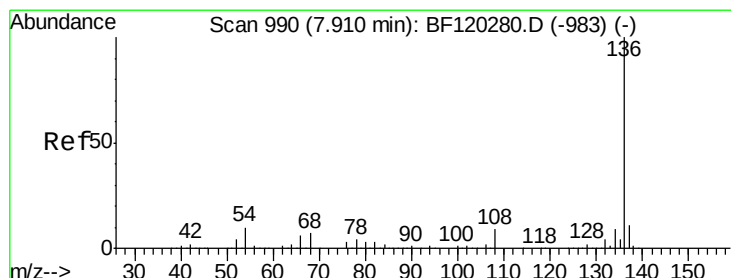
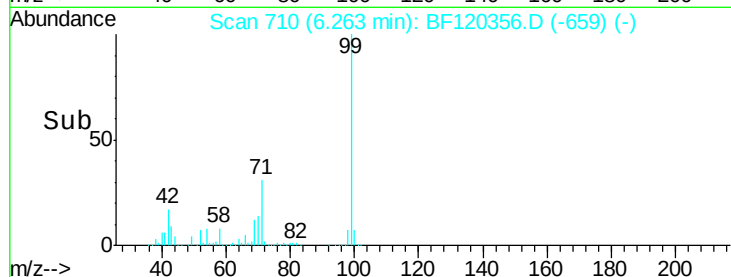
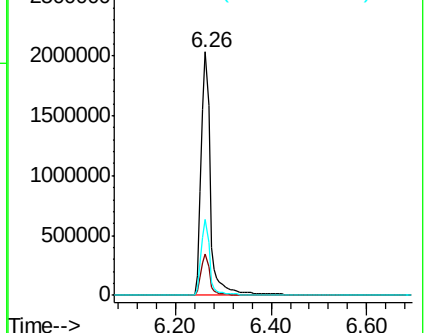
71 31.2 24.2 36.4



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: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

Tgt Ion: 136 Resp: 1108969

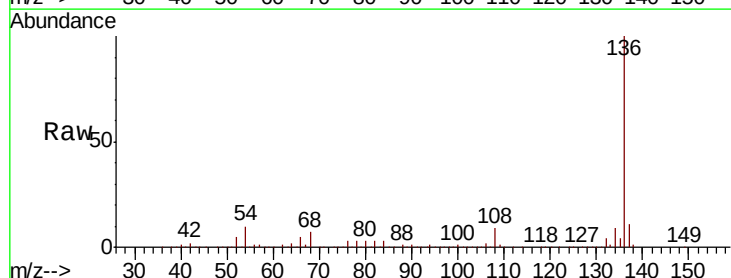
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.1 7.9 11.9

68 6.7 5.4 8.2

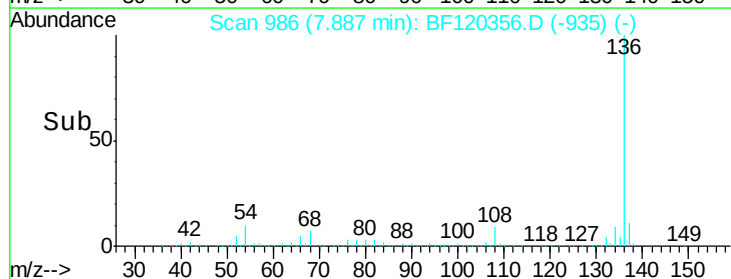
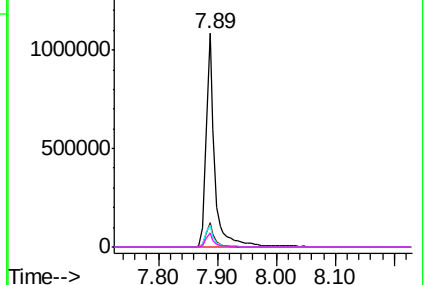


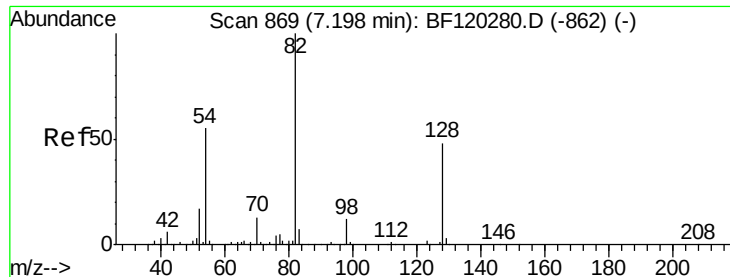
Abundance Ion 136.00 (135.70 to 136.70): E

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

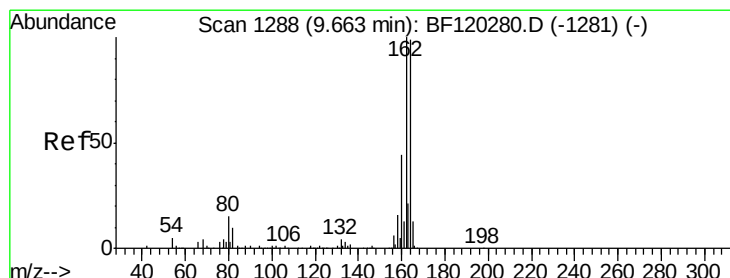
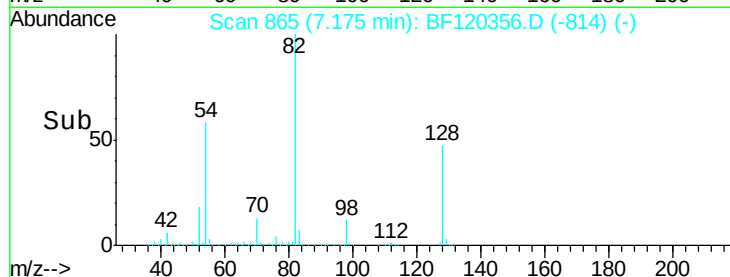
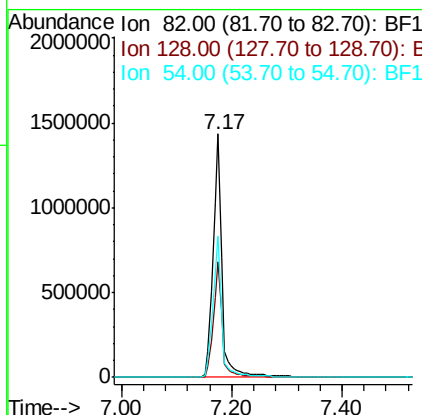
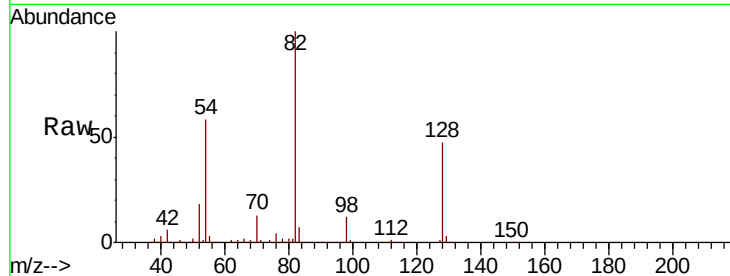




#23
 Nitrobenzene-d5
 Concen: 99.390 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120356.D
 Acq: 18 May 2020 21:49

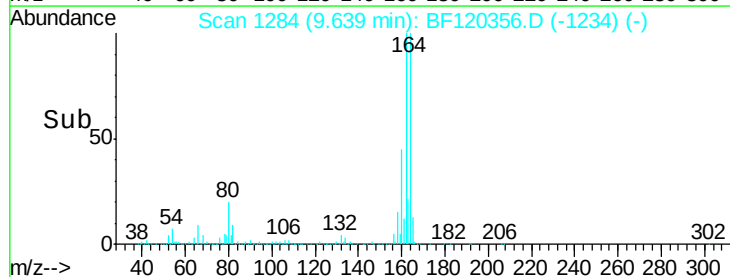
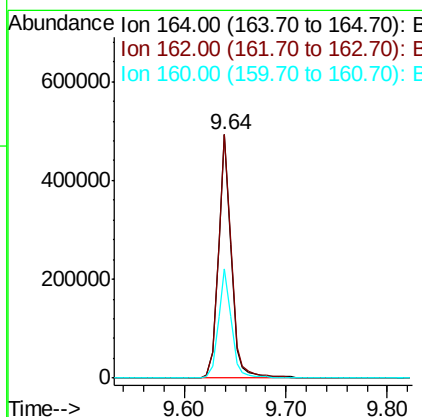
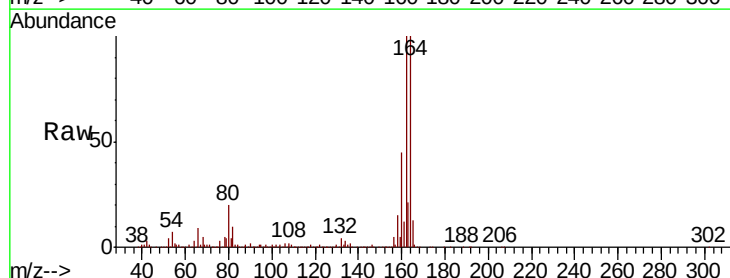
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-051220

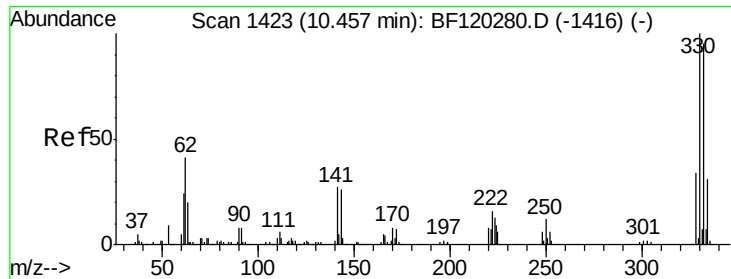
Tot Ion: 82 Resp: 1609838
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.3 57.5
 54 58.0 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF120356.D
 Acq: 18 May 2020 21:49

Tgt Ion: 164 Resp: 433654
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.2 121.8
 160 44.7 35.8 53.6

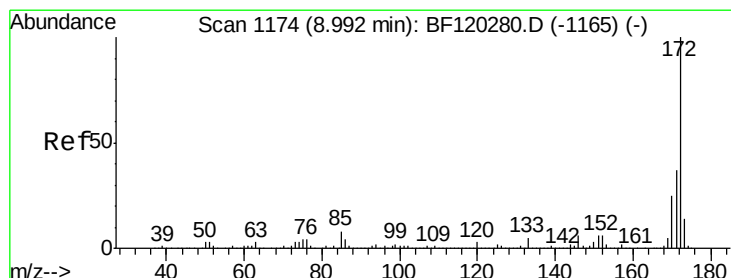
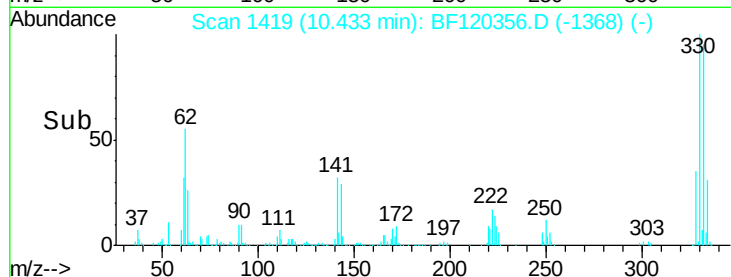
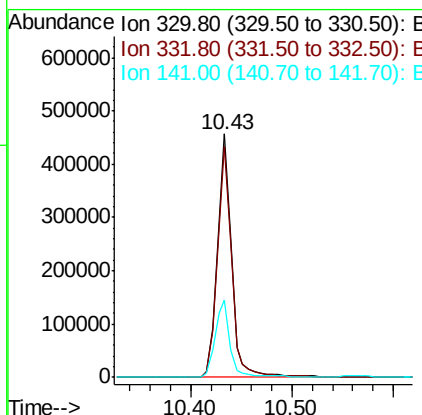
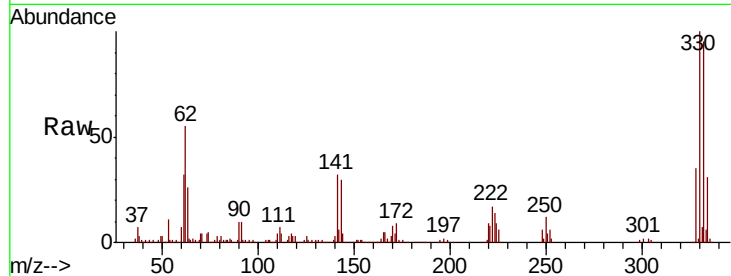




#42
 2,4,6-Tribromophenol
 Concen: 126.677 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF120356.D
 Acq: 18 May 2020 21:49

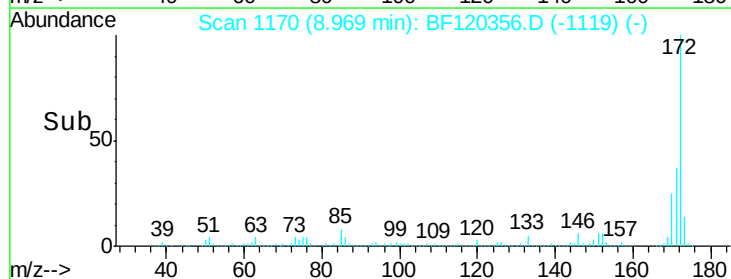
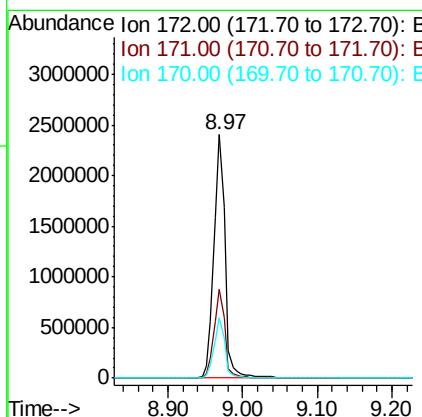
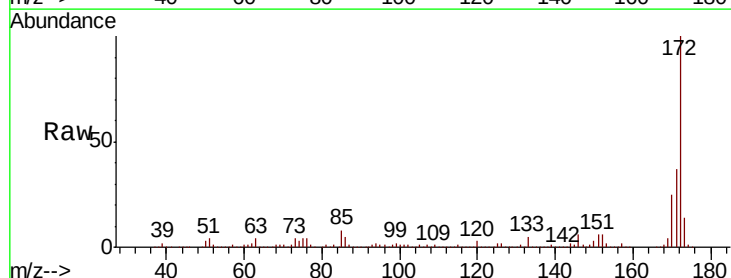
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-051220

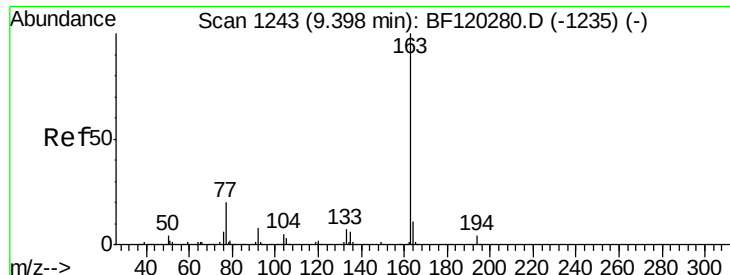
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	32.7	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 118.468 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120356.D
 Acq: 18 May 2020 21:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.9	19.9	29.9

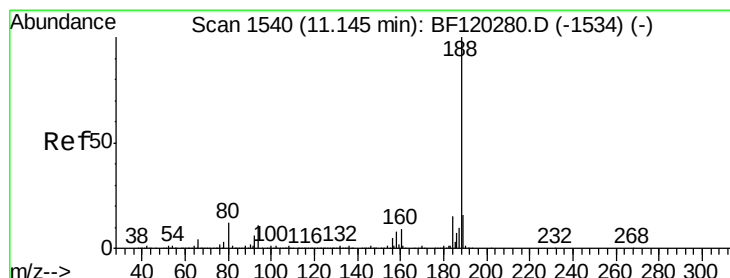
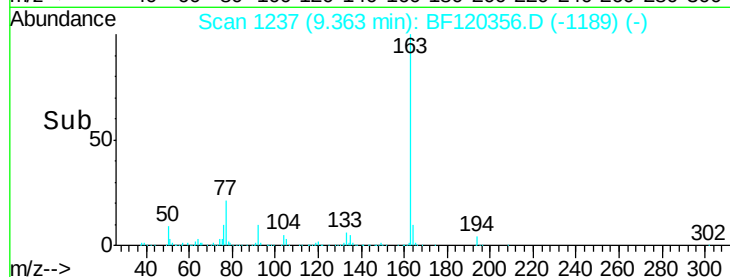
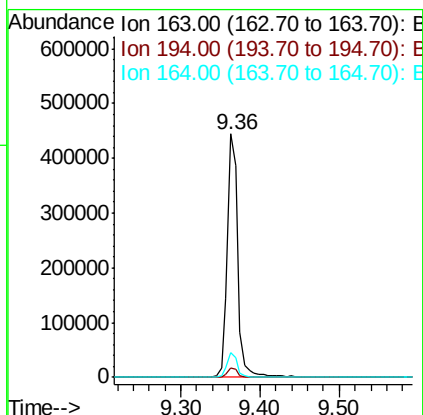
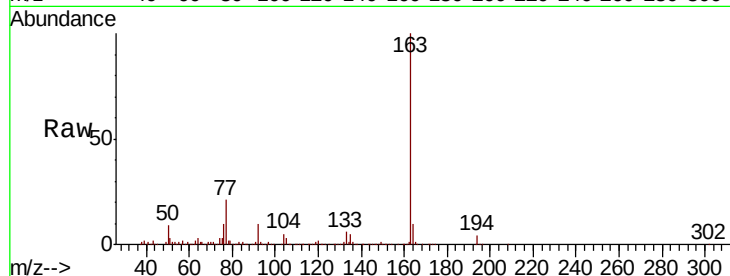




#50
Dimethylphthalate
Concen: 14.935 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

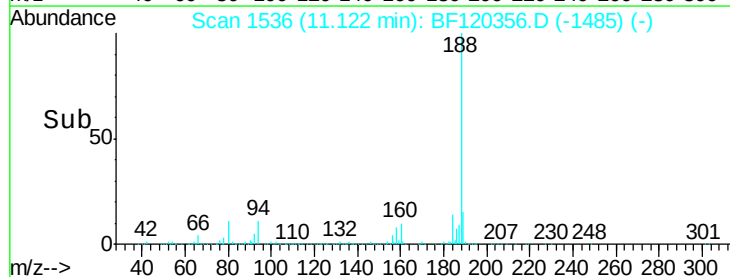
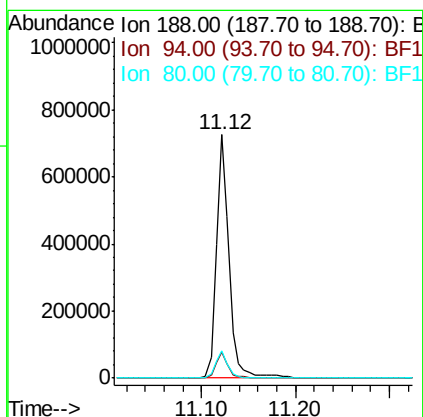
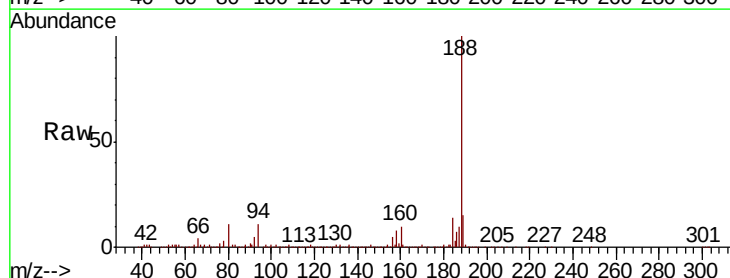
Instrument :
BNA_F
ClientSampleId :
OK-02-051220

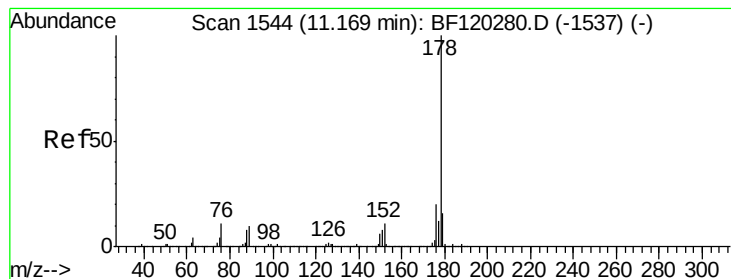
Tot Ion:163 Resp: 409405
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

Tgt Ion:188 Resp: 692139
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.0 9.2 13.8





#71

Phenanthrene

Concen: 2.181 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

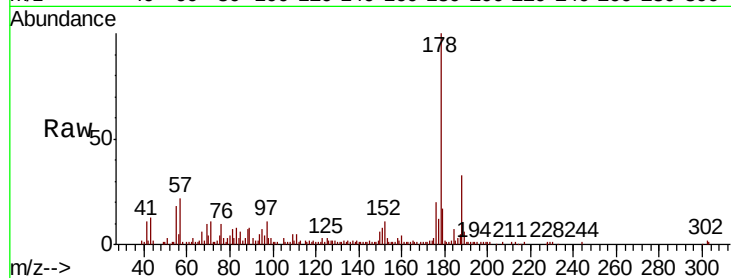
Tot Ion:178 Resp: 63421

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

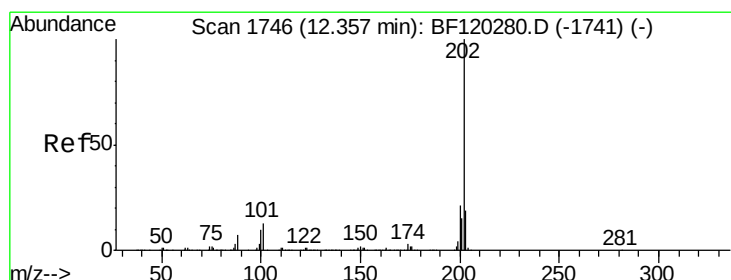
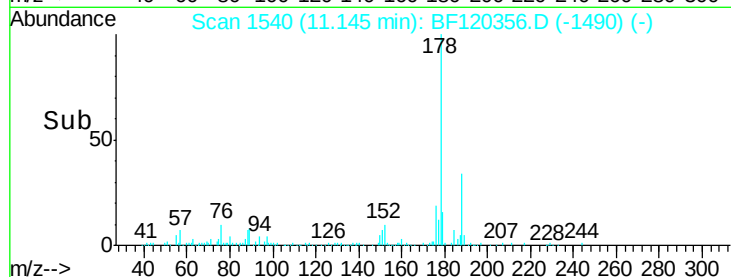
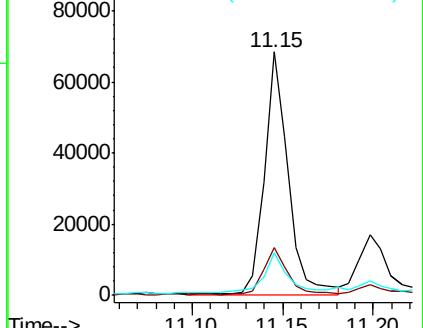
179 17.5 12.8 19.2



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: 2.755 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

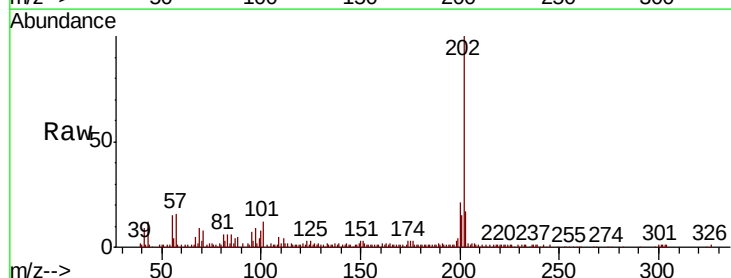
Tgt Ion:202 Resp: 85871

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.2

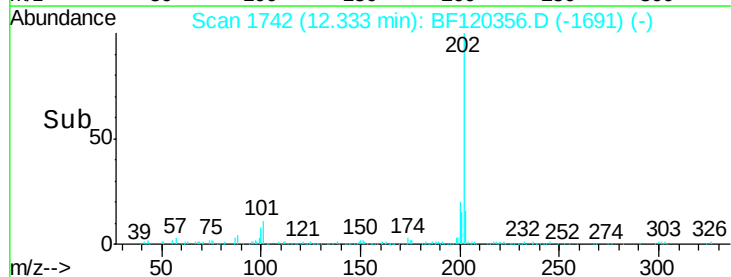
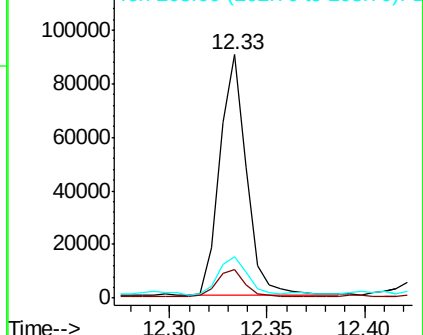
203 17.2 0.0 39.1

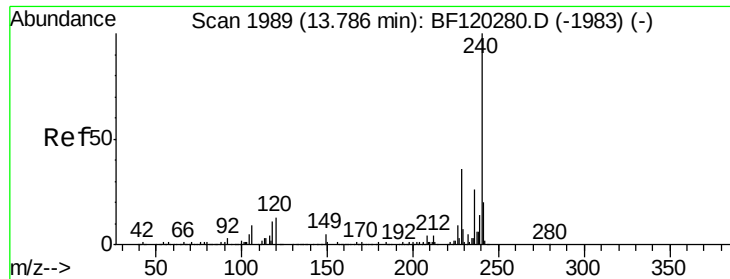


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

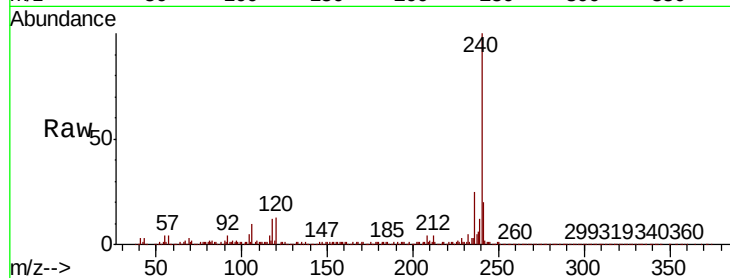




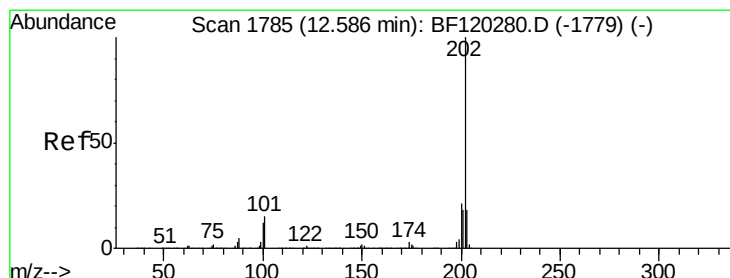
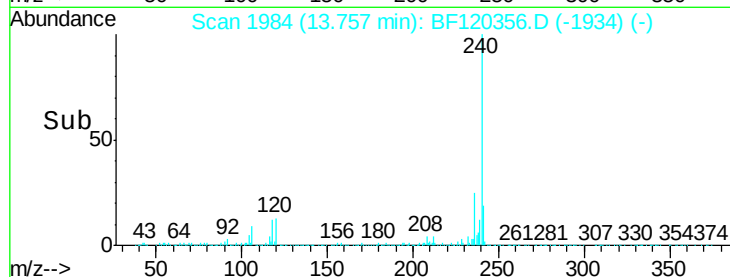
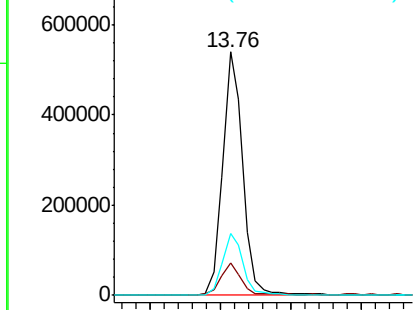
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

Instrument :
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OK-02-051220

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.4	15.6
236	25.2	21.0	31.6

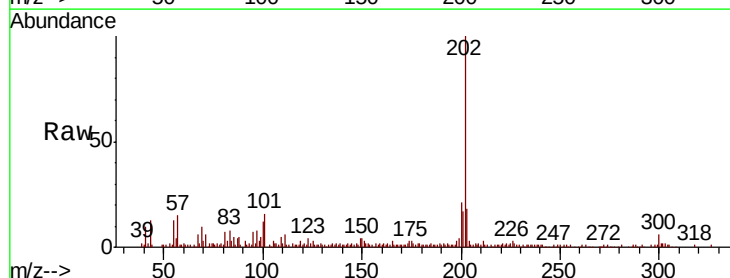


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

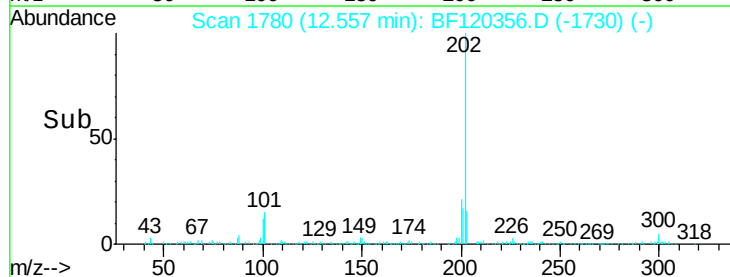
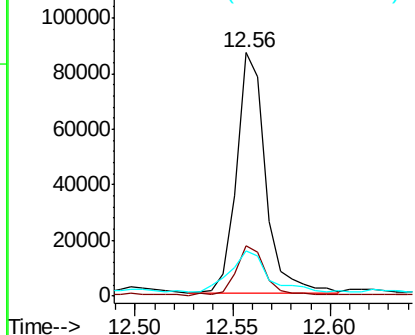


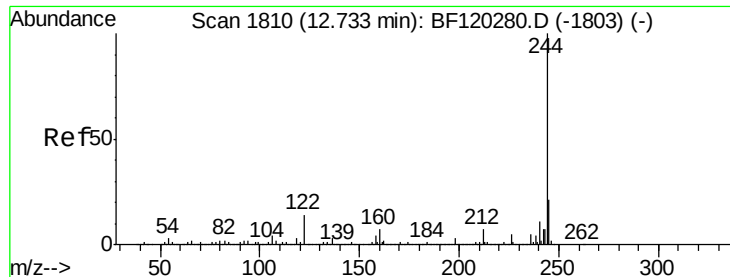
#78
Pyrene
Concen: 2.363 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF120356.D
Acq: 18 May 2020 21:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.4	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.164 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

Instrument :

BNA_F

ClientSampleId :

OK-02-051220

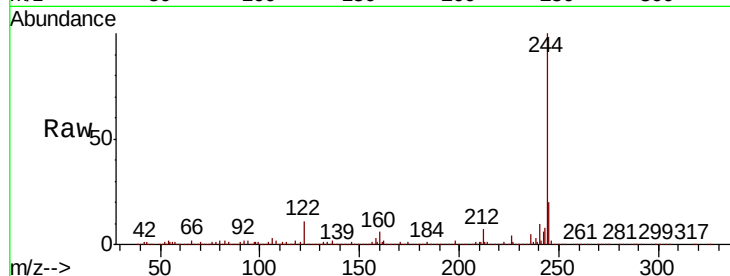
Tot Ion:244 Resp: 2083536

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 11.4 10.8 16.2

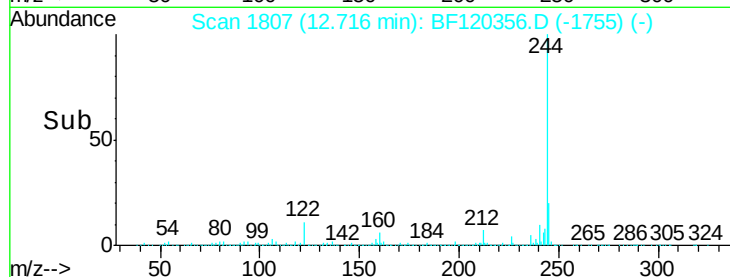


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



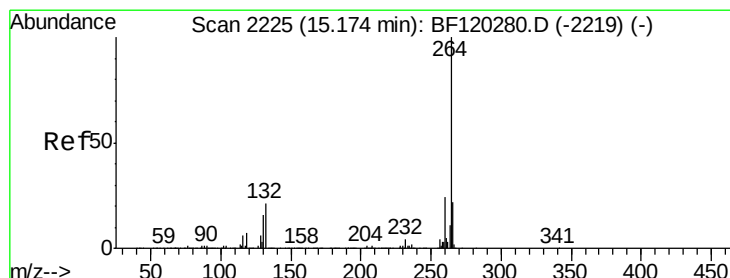
Abundance

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

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BF120356.D

Acq: 18 May 2020 21:49

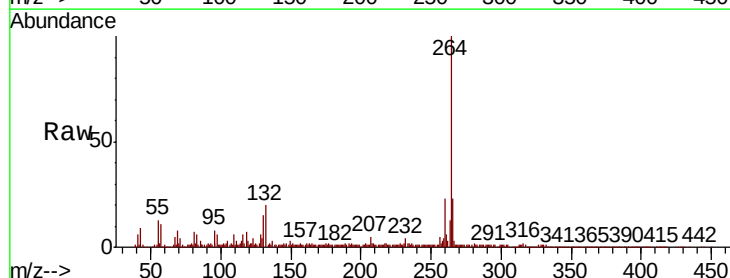
Tgt Ion:264 Resp: 448285

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.6 17.5 26.3

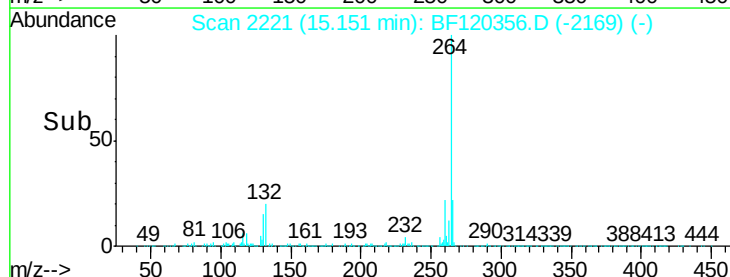


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->