

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121206.D
 Acq On : 6 Aug 2020 17:12
 Operator : JU/CG
 Sample : L3568-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-F-J

Quant Time: Aug 06 17:56:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

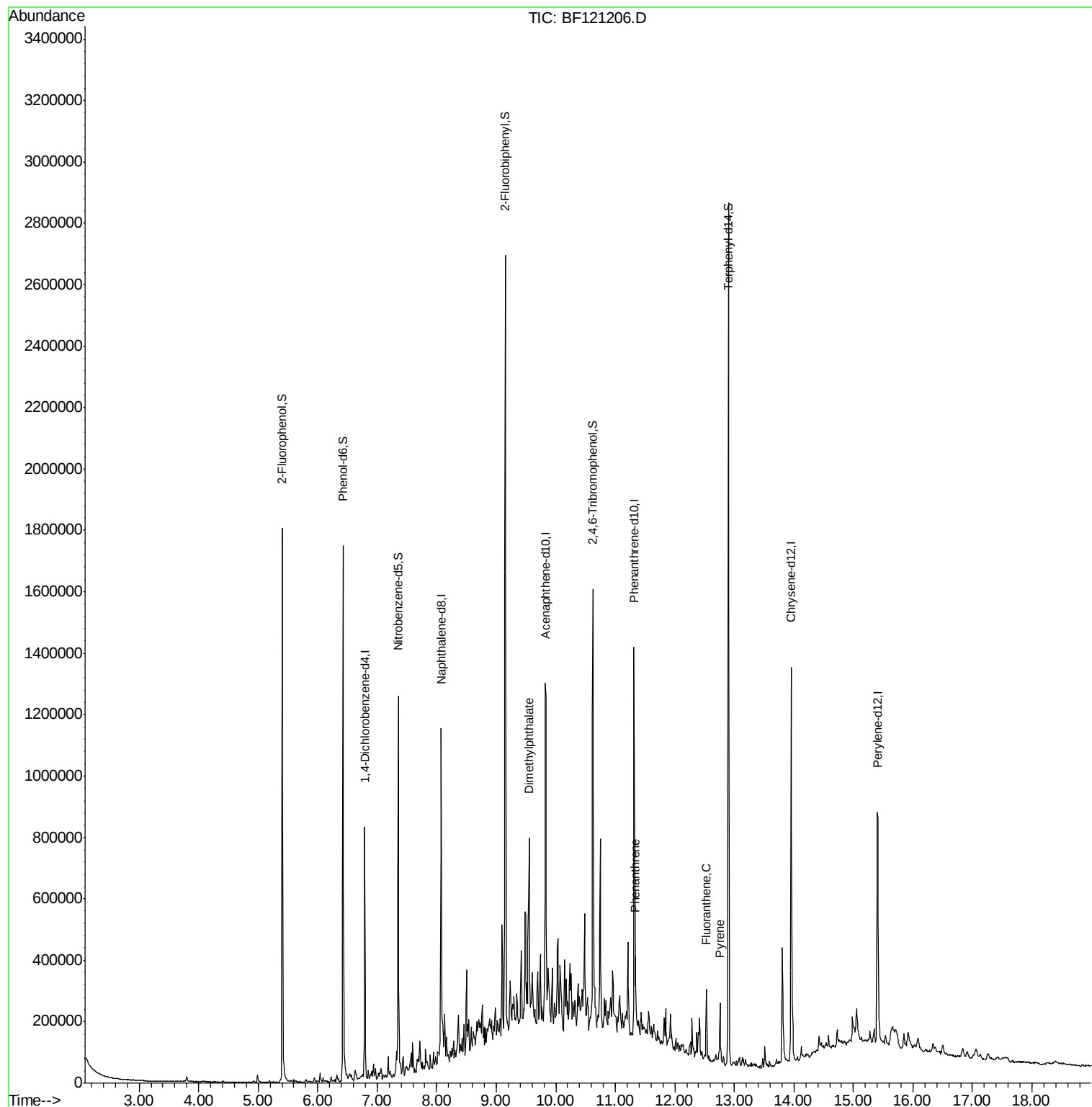
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120244	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	465085	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	244678	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	479426	20.00	ng	0.00
76) Chrysene-d12	13.96	240	427708	20.00	ng	0.00
86) Perylene-d12	15.40	264	382575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	539630	73.57	ng	-0.01
7) Phenol-d6	6.43	99	661089	69.77	ng	-0.02
23) Nitrobenzene-d5	7.35	82	418704	52.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	203690	76.05	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	818220	49.93	ng	-0.01
79) Terphenyl-d14	12.90	244	921767	46.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	135203	7.659	ng	Qvalue # 98
71) Phenanthrene	11.34	178	84662	3.434	ng	98
75) Fluoranthene	12.53	202	97048	3.551	ng	98
78) Pyrene	12.76	202	82349	2.723	ng	96

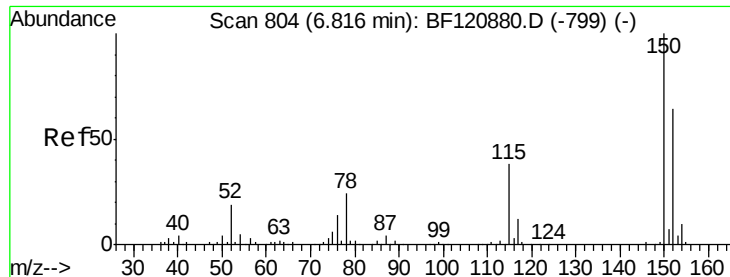
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
Sample : L3568-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

Quant Time: Aug 06 17:56:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



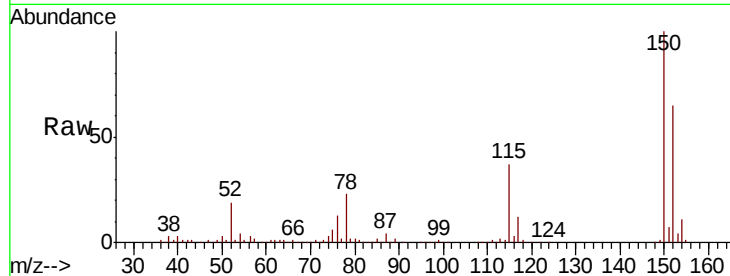


#1

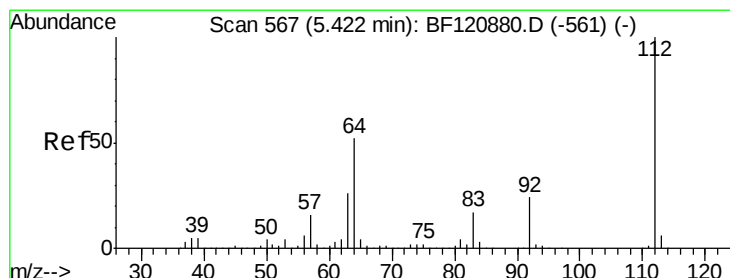
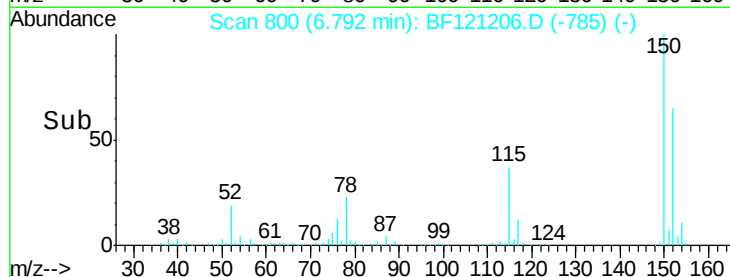
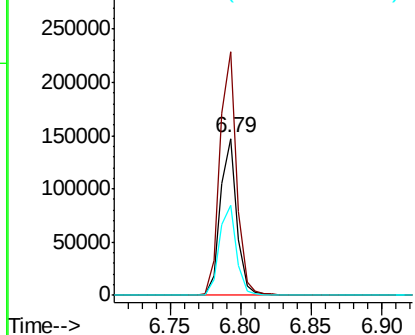
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

Tot Ion:152 Resp: 120244
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 57.1 46.2 69.2



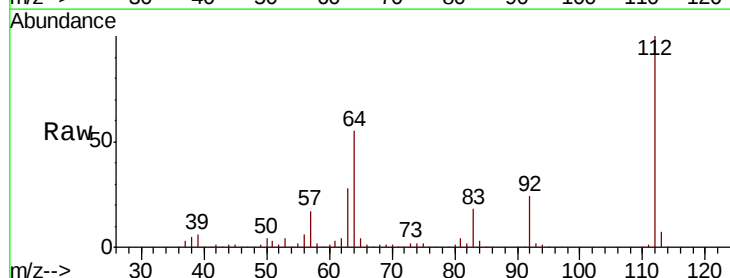
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



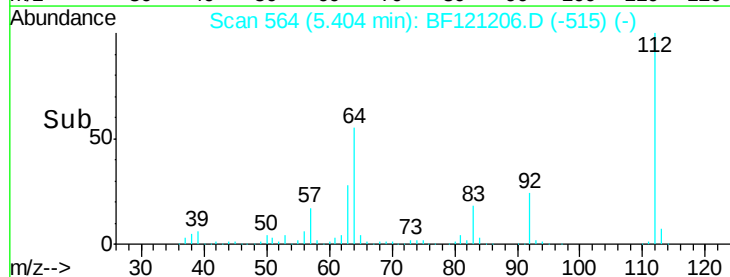
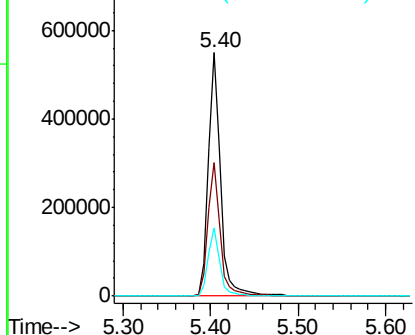
#5

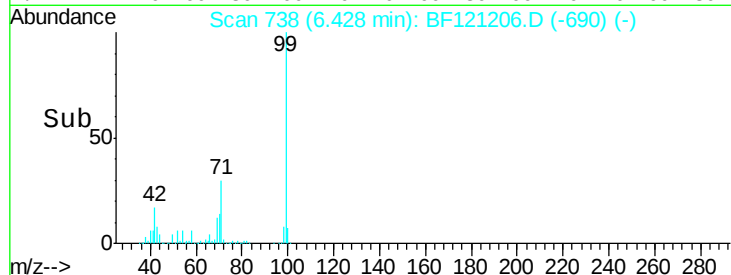
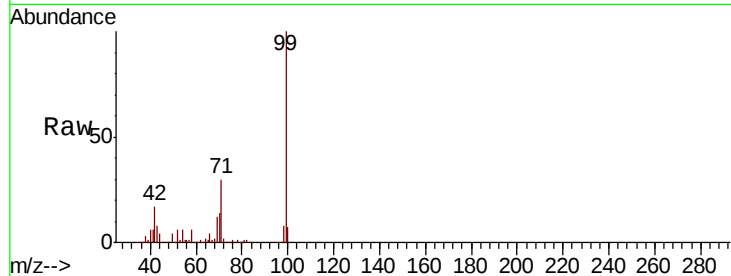
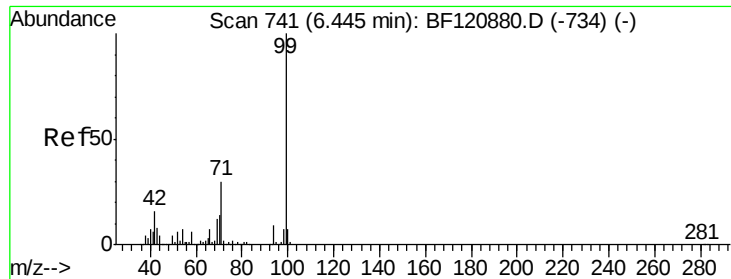
2-Fluorophenol
Concen: 73.571 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

Tgt Ion:112 Resp: 539630
Ion Ratio Lower Upper
112 100
64 54.8 43.9 65.9
63 27.9 22.7 34.1



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: 69.774 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

Instrument :

BNA_F

ClientSampleId :

8/5-F-J

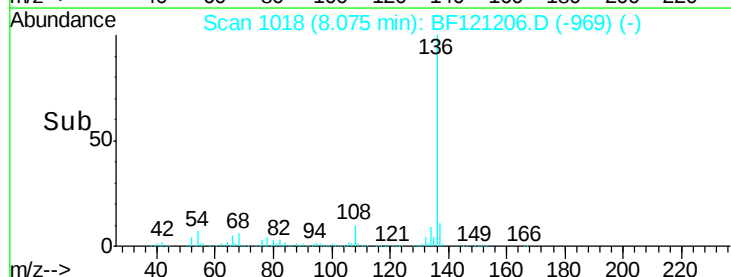
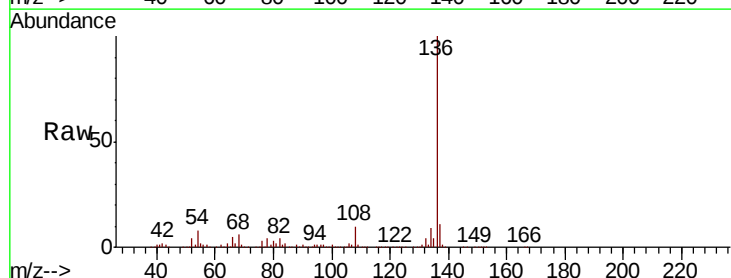
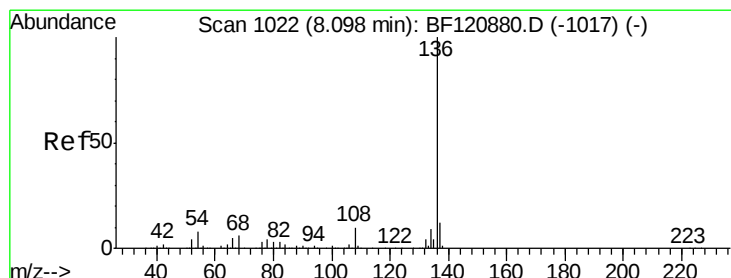
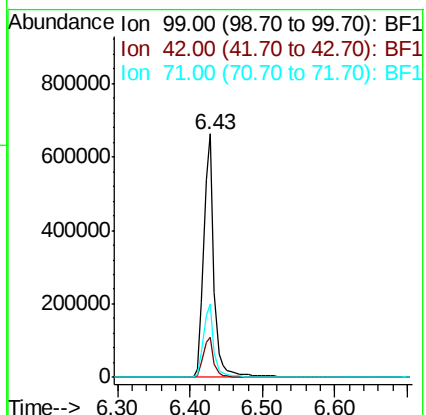
Tot Ion: 99 Resp: 661089

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 30.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

Tgt Ion: 136 Resp: 465085

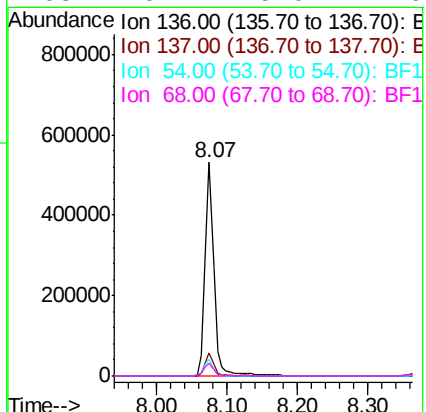
Ion Ratio Lower Upper

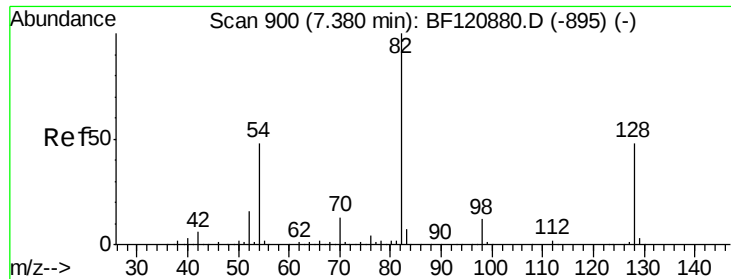
136 100

137 11.0 9.0 13.4

54 7.6 6.1 9.1

68 6.2 5.0 7.6

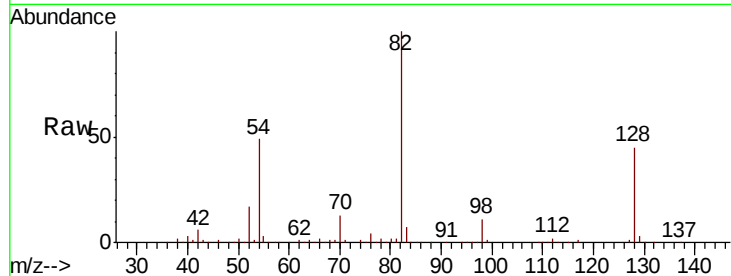




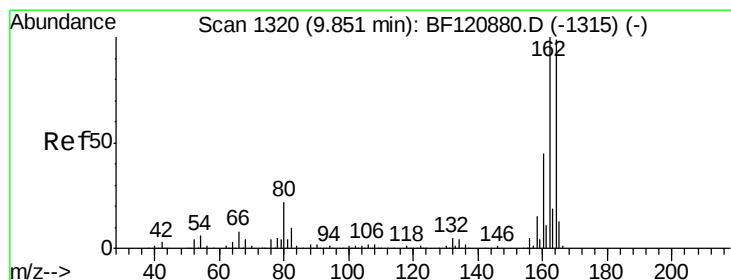
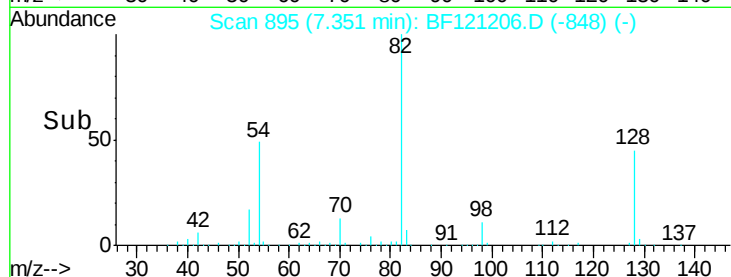
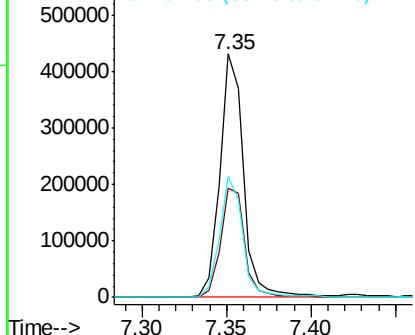
#23
Nitrobenzene-d5
Concen: 52.093 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	39.2	58.8
54	49.4	37.8	56.8

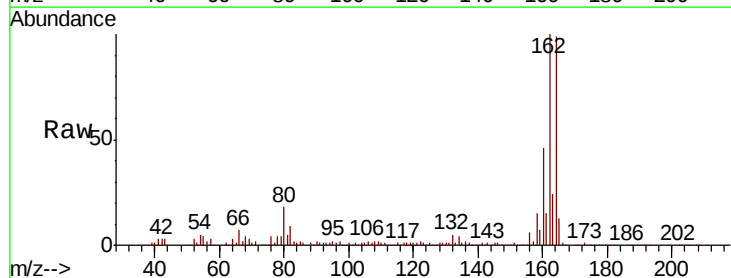


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

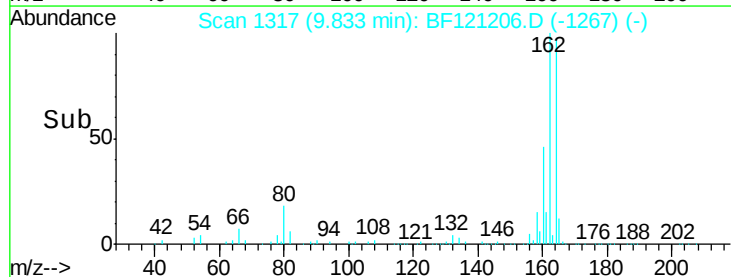
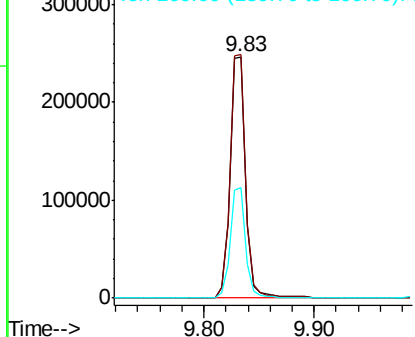


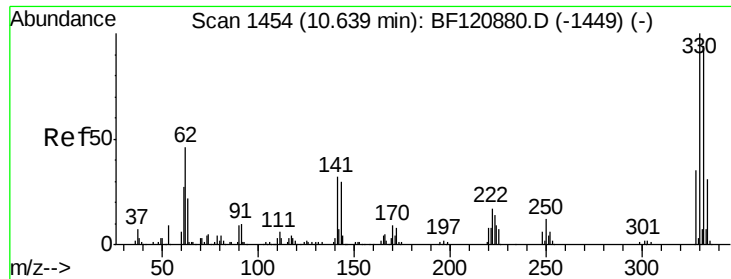
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	46.0	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

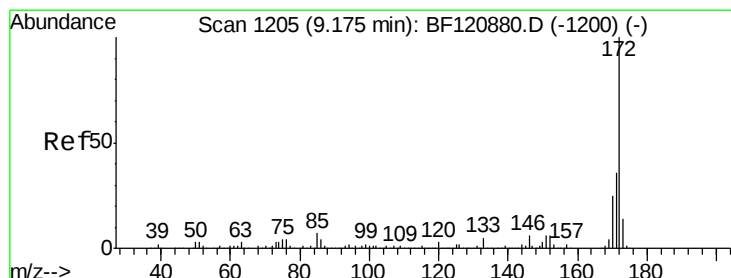
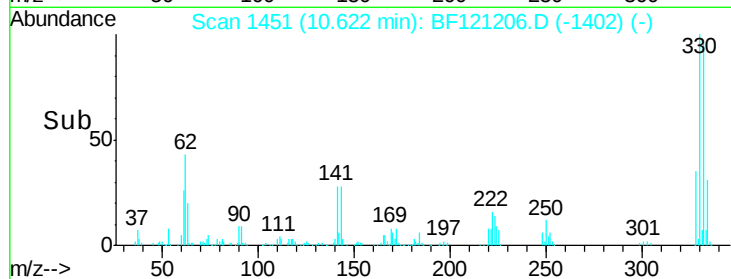
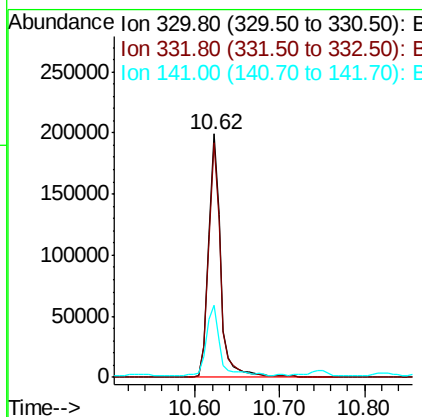
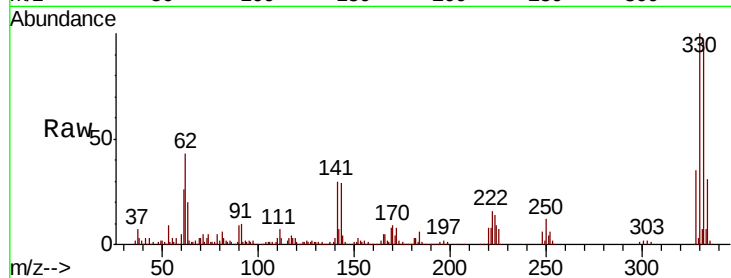




#42
 2,4,6-Tribromophenol
 Concen: 76.054 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121206.D
 Acq: 6 Aug 2020 17:12

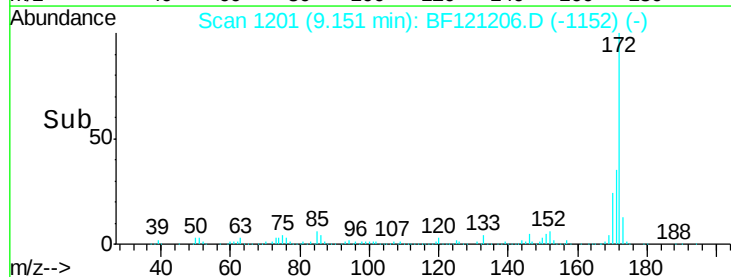
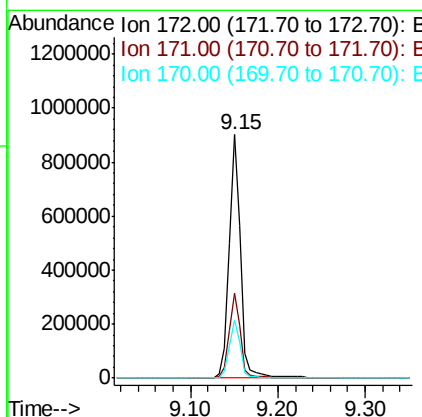
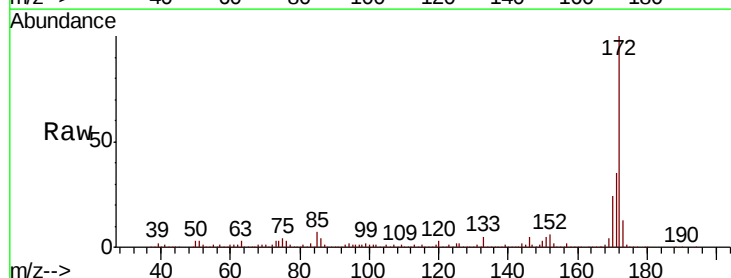
Instrument :
 BNA_F
 ClientSampleId :
 8/5-F-J

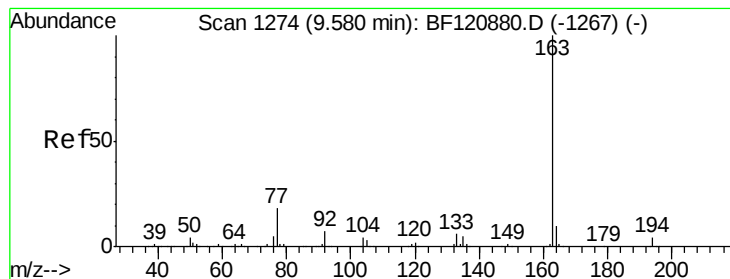
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	31.2	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 49.928 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121206.D
 Acq: 6 Aug 2020 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.8	19.6	29.4





#50

Dimethylphthalate

Concen: 7.659 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

Instrument :

BNA_F

ClientSampled :

8/5-F-J

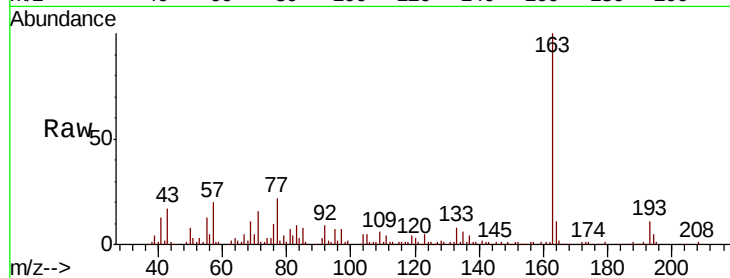
Tot Ion:163 Resp: 135203

Ion Ratio Lower Upper

163 100

194 5.5 3.0 4.4#

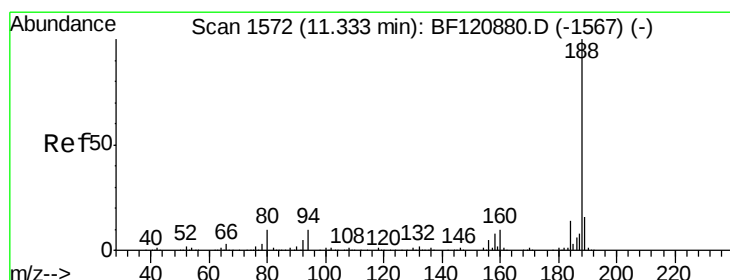
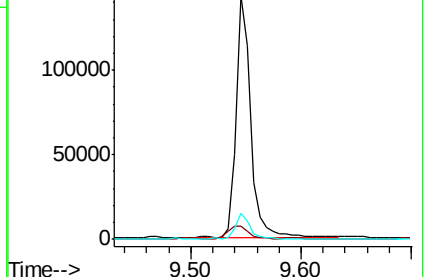
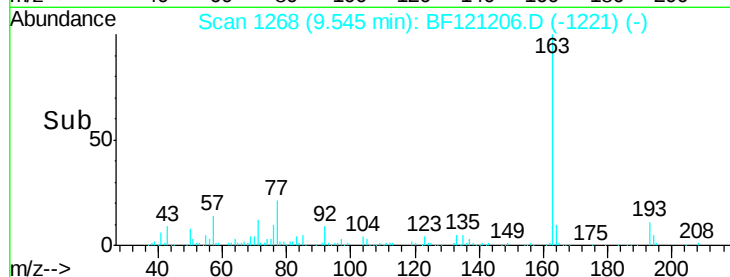
164 10.6 8.4 12.6



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

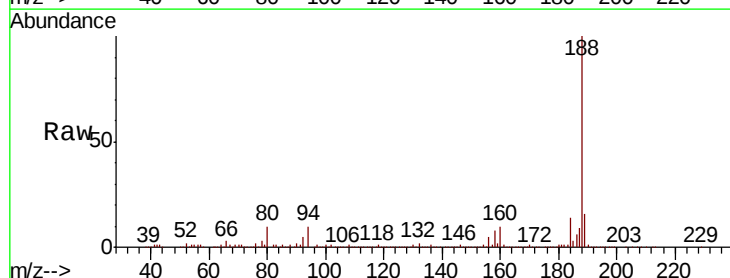
Tgt Ion:188 Resp: 479426

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

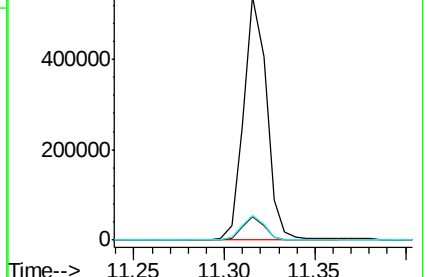
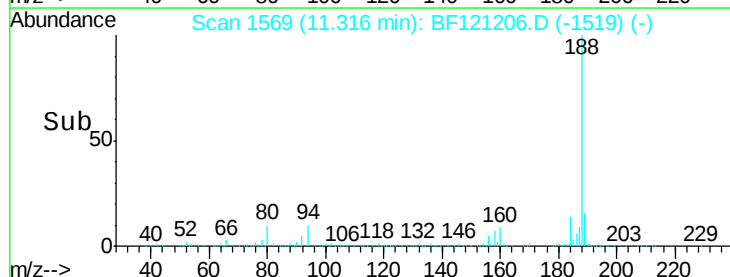
80 9.9 8.3 12.5

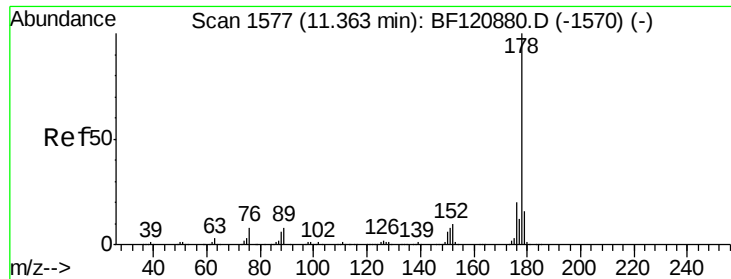


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

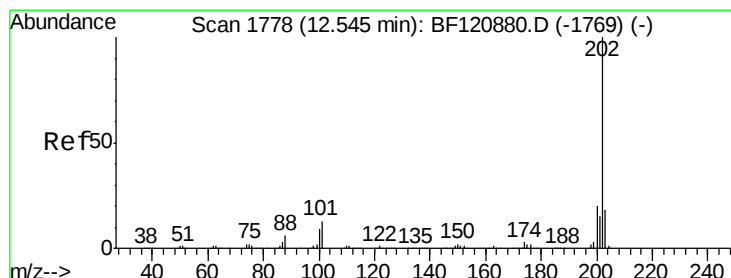
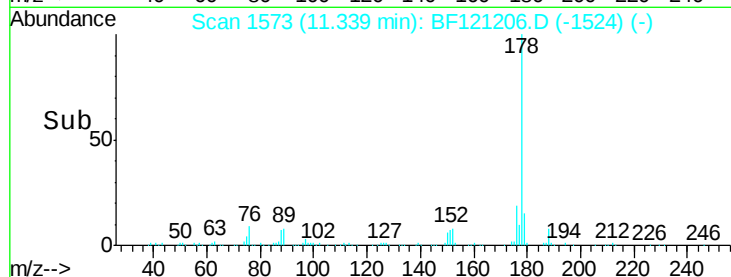
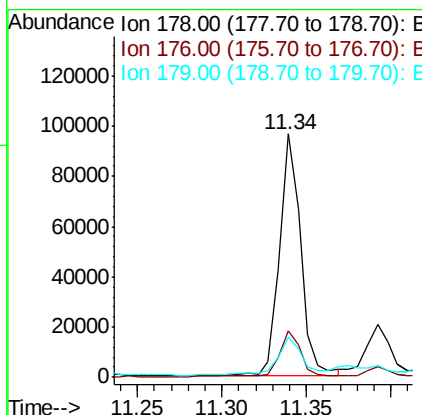
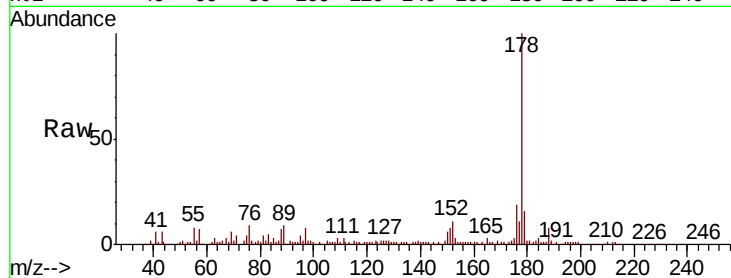




#71
Phenanthrene
Concen: 3.434 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

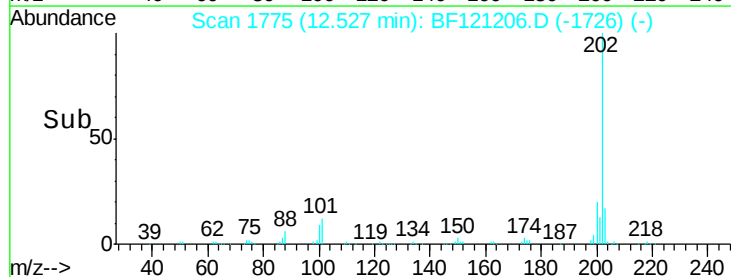
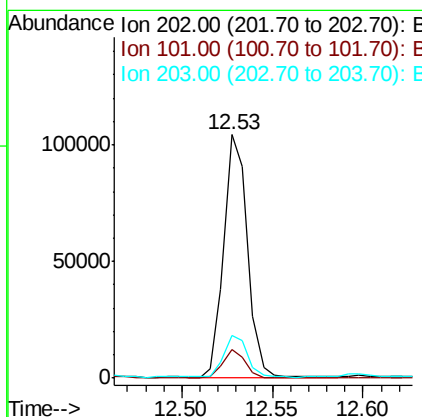
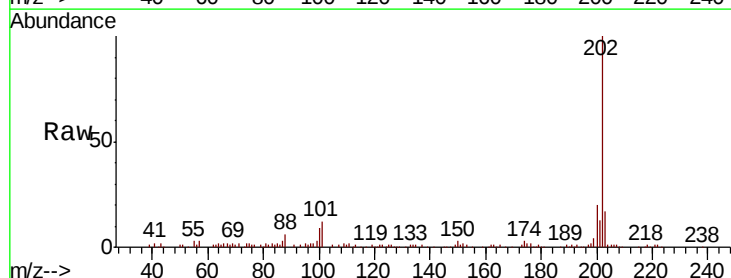
Instrument :
BNA_F
ClientSampleId :
8/5-F-J

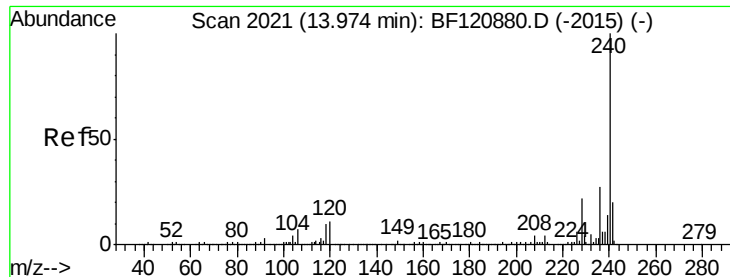
Tot Ion:178 Resp: 84662
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 16.5 12.6 19.0



#75
Fluoranthene
Concen: 3.551 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF121206.D
Acq: 6 Aug 2020 17:12

Tgt Ion:202 Resp: 97048
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 17.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

Instrument :

BNA_F

ClientSampleId :

8/5-F-J

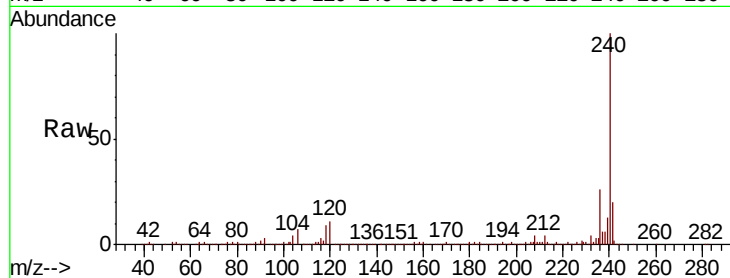
Tot Ion:240 Resp: 427708

Ion Ratio Lower Upper

240 100

120 10.9 9.3 13.9

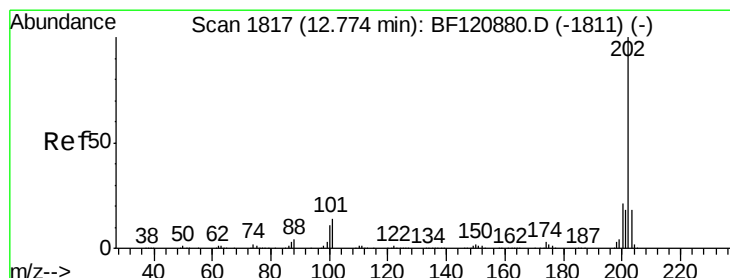
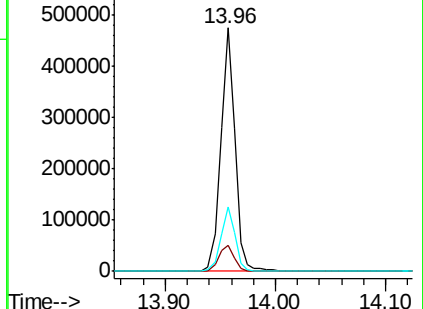
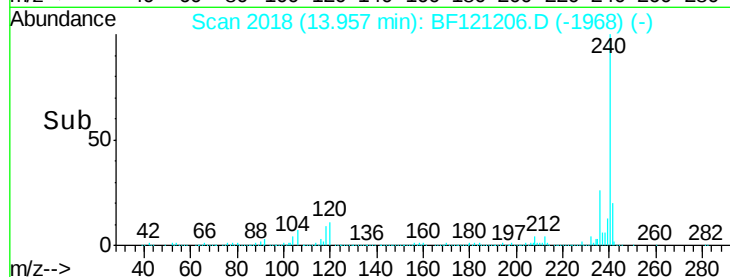
236 26.3 21.1 31.7



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: 2.723 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

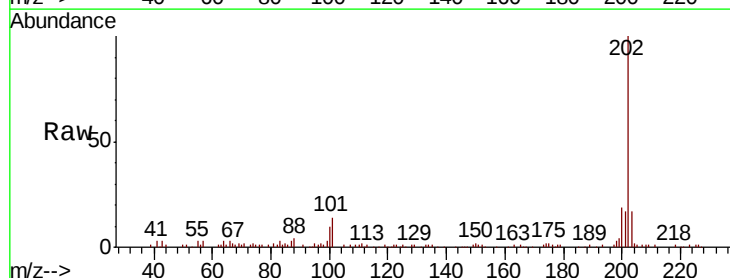
Tgt Ion:202 Resp: 82349

Ion Ratio Lower Upper

202 100

200 19.3 17.0 25.6

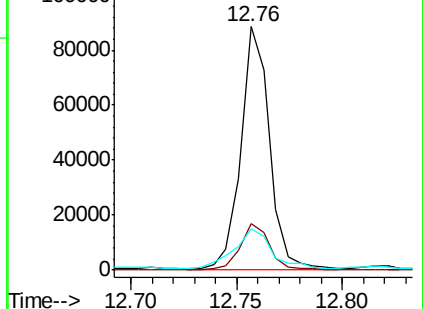
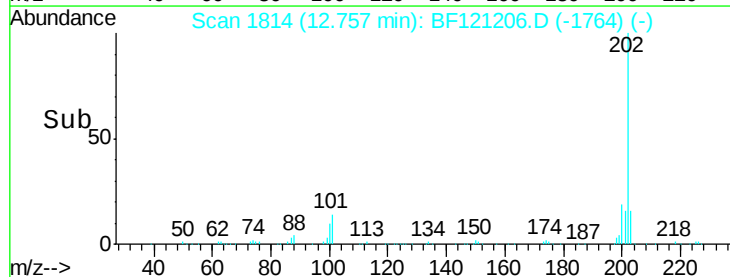
203 17.0 14.6 21.8

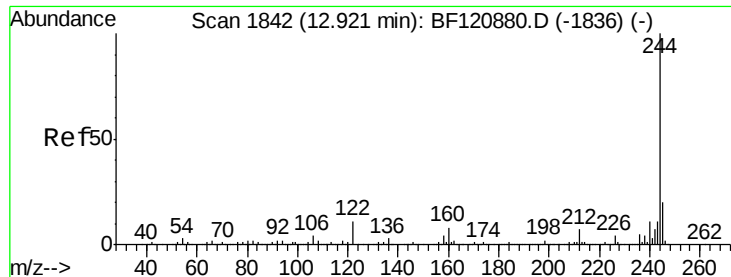


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 46.848 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

Instrument :

BNA_F

ClientSampleId :

8/5-F-J

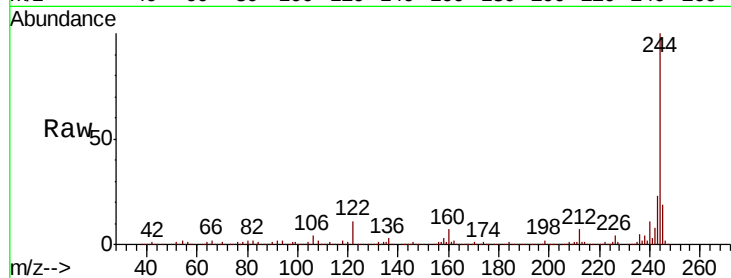
Tot Ion:244 Resp: 921767

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

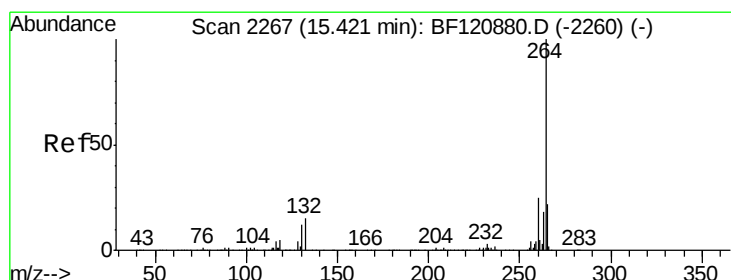
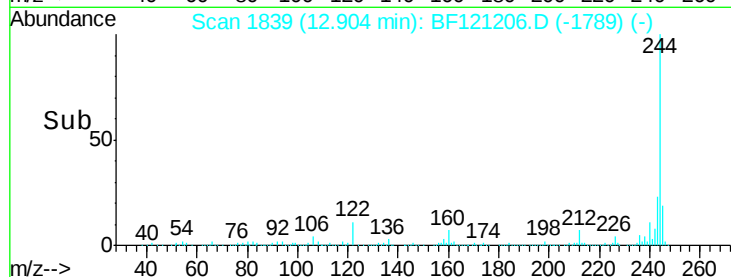
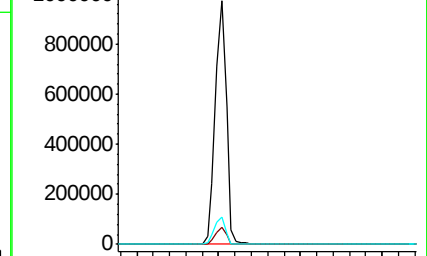
122 11.2 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF121206.D

Acq: 6 Aug 2020 17:12

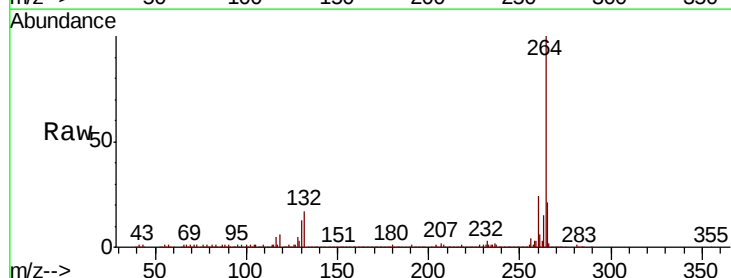
Tgt Ion:264 Resp: 382575

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.3 17.8 26.8



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

