

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119913.D
 Acq On : 13 Apr 2020 13:20
 Operator : MA/SJ
 Sample : PB128139BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BL

Quant Time: Apr 13 13:53:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217953	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	840721	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	440610	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	910874	20.00	ng	0.00
76) Chrysene-d12	13.90	240	769150	20.00	ng	0.00
87) Perylene-d12	15.33	264	806228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1630321	129.27	ng	0.02
7) Phenol-d6	6.37	99	2022853	124.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	1291715	79.49	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	647605	120.05	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2416380	77.86	ng	0.00
79) Terphenyl-d14	12.86	244	3000518	65.64	ng	0.00

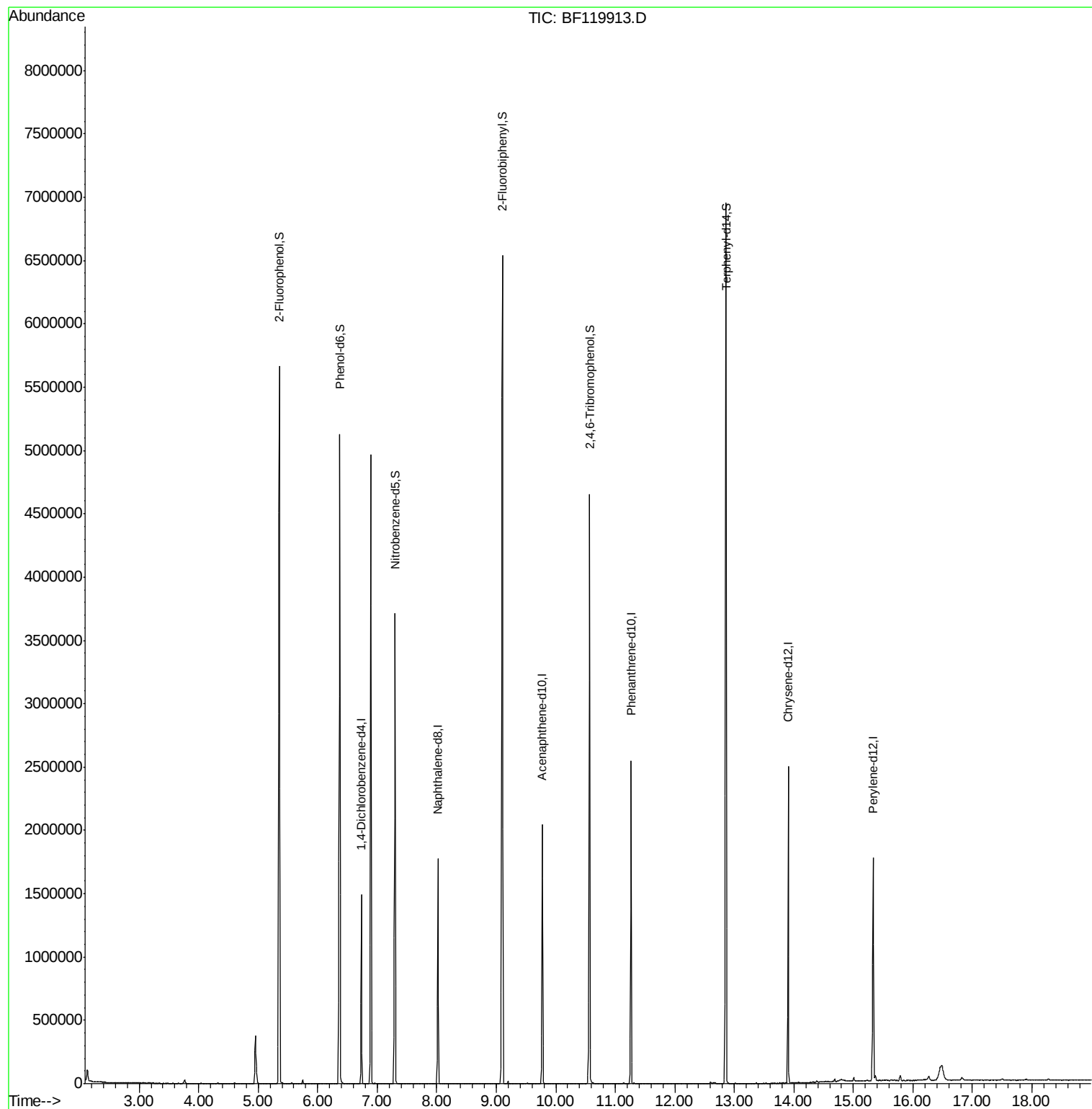
Target Compounds Qvalue

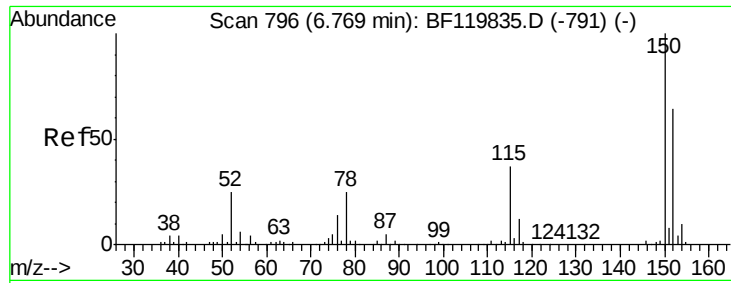
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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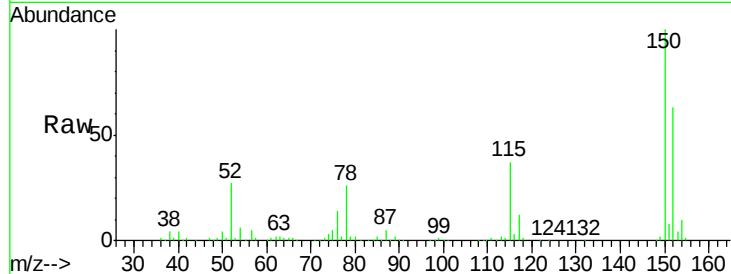


#1

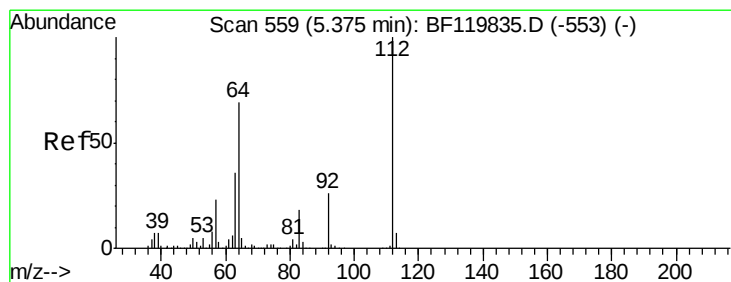
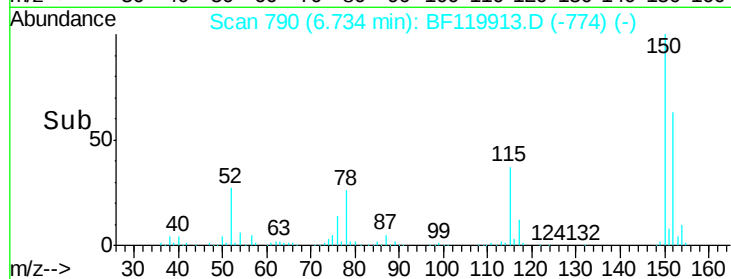
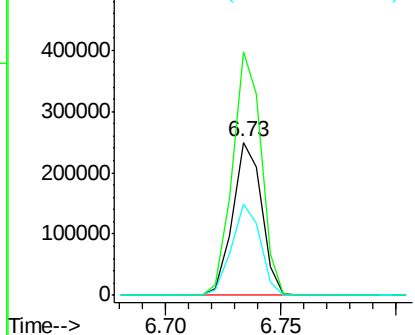
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119913.D
Acq: 13 Apr 2020 13:20

Instrument :
BNA_F
ClientSampleId :
PB128139BL

Tot Ion:152 Resp: 217953
Ion Ratio Lower Upper
152 100
150 159.1 124.8 187.2
115 59.5 46.5 69.7



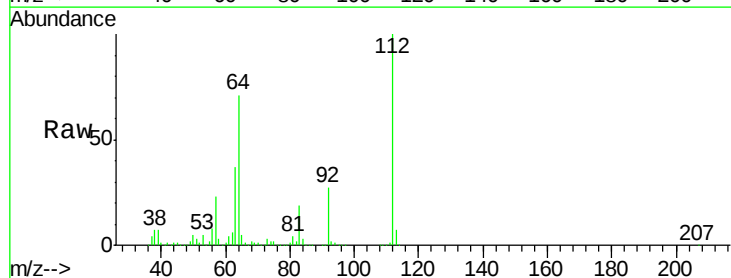
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



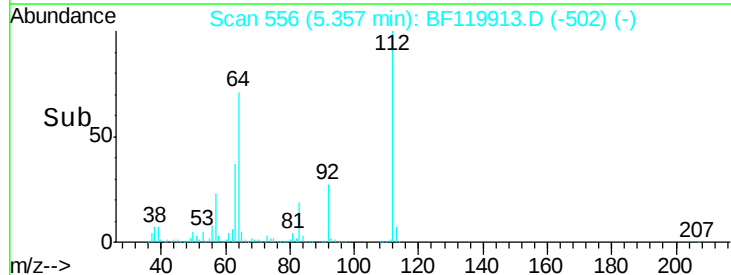
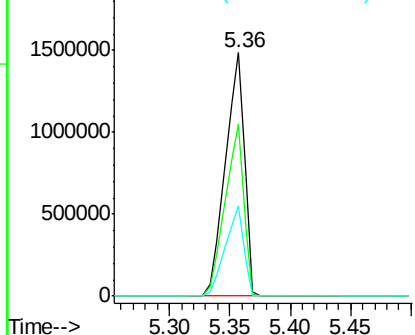
#5

2-Fluorophenol
Concen: 129.271 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119913.D
Acq: 13 Apr 2020 13:20

Tgt Ion:112 Resp: 1630321
Ion Ratio Lower Upper
112 100
64 70.8 55.5 83.3
63 36.8 29.1 43.7



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: 124.477 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PB128139BL

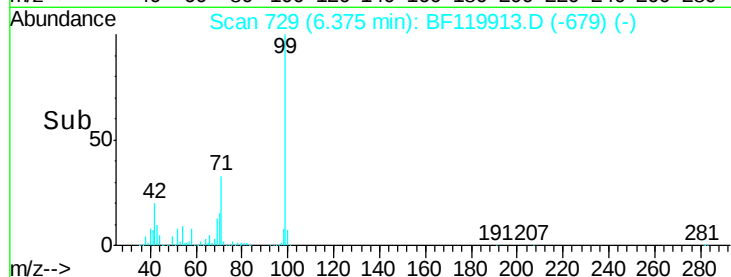
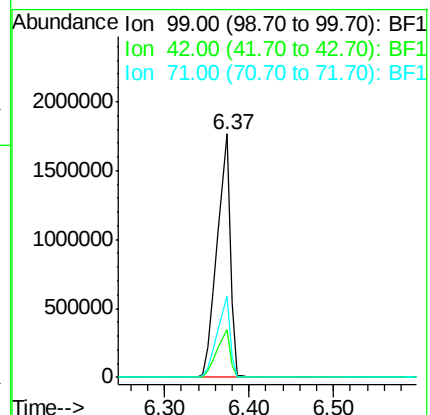
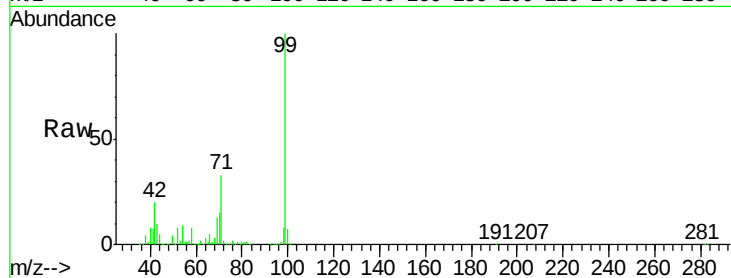
Tot Ion: 99 Resp: 2022853

Ion Ratio Lower Upper

99 100

42 19.8 16.9 25.3

71 33.4 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

Tgt Ion: 136 Resp: 840721

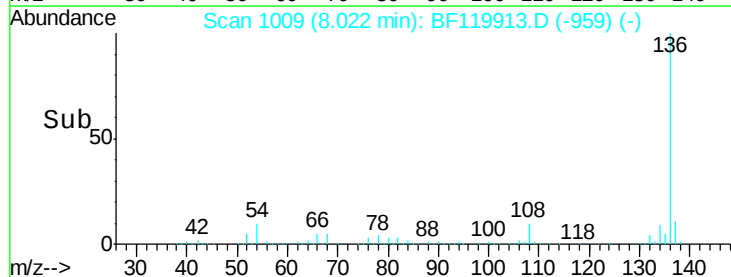
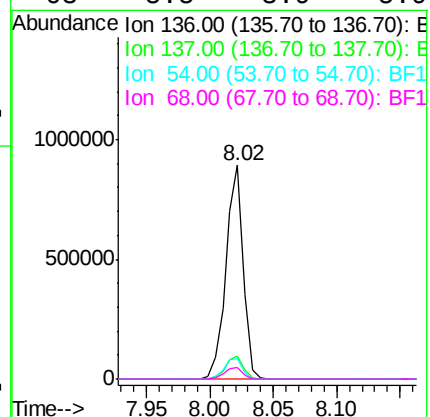
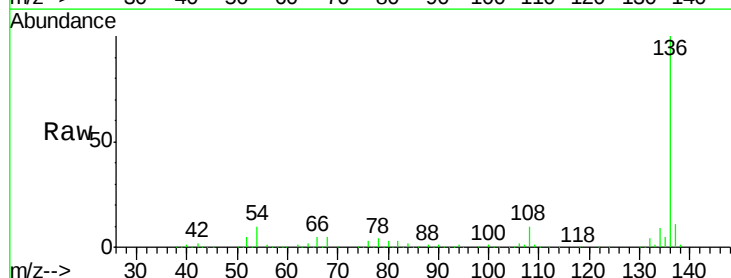
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.9 8.5 12.7

68 5.5 3.9 5.9

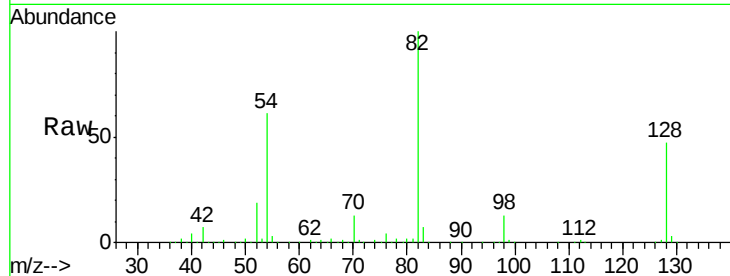




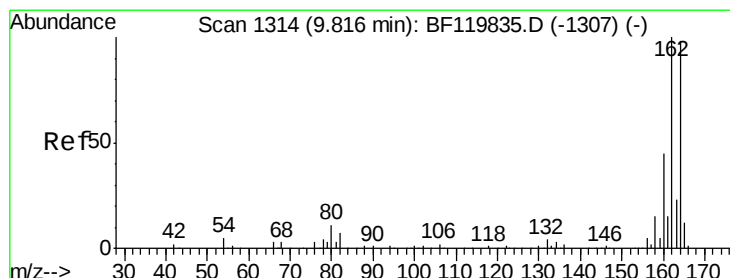
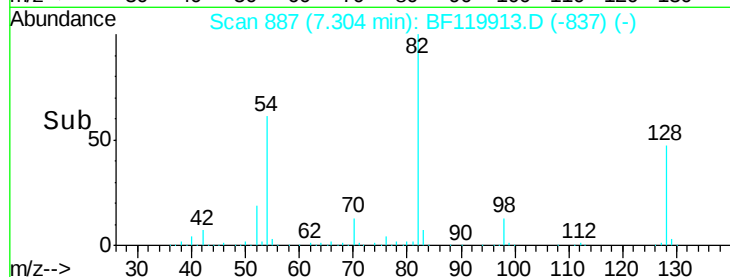
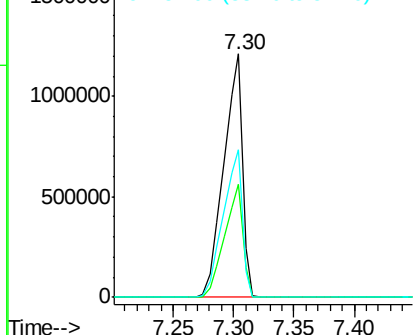
#23
 Nitrobenzene-d5
 Concen: 79.485 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119913.D
 Acq: 13 Apr 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB128139BL

Tot Ion: 82 Resp: 1291715
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.2 54.4
 54 60.8 50.4 75.6

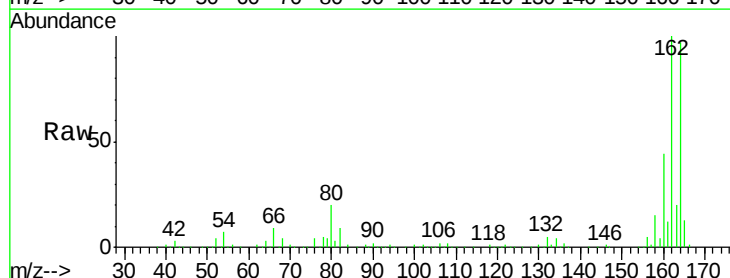


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

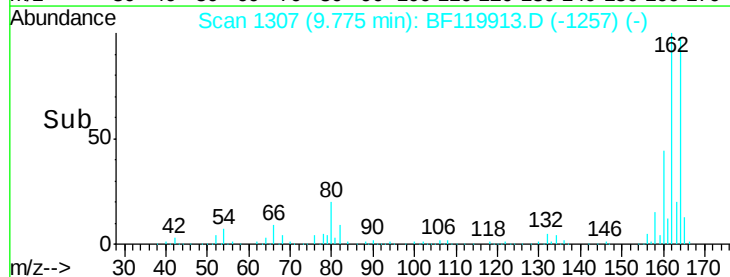
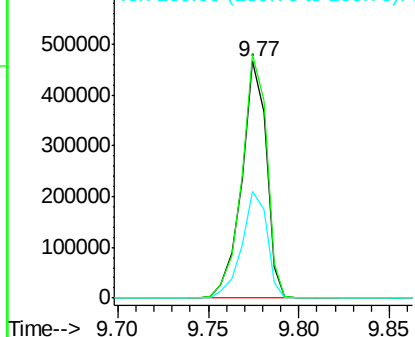


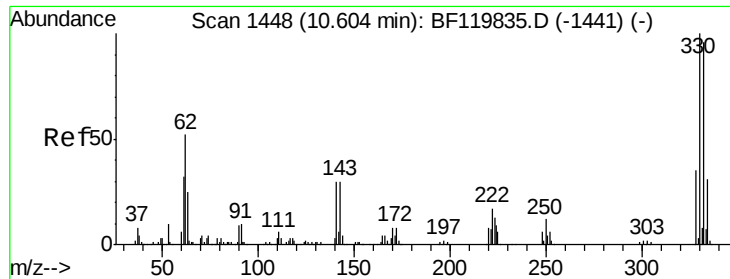
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119913.D
 Acq: 13 Apr 2020 13:20

Tgt Ion:164 Resp: 440610
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.9 122.9
 160 45.0 36.6 54.8



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

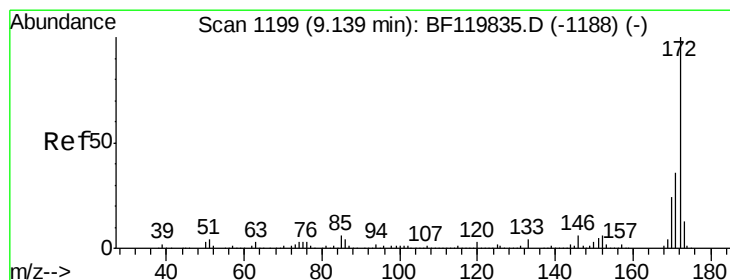
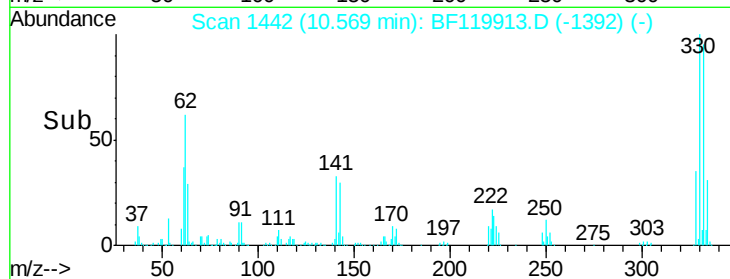
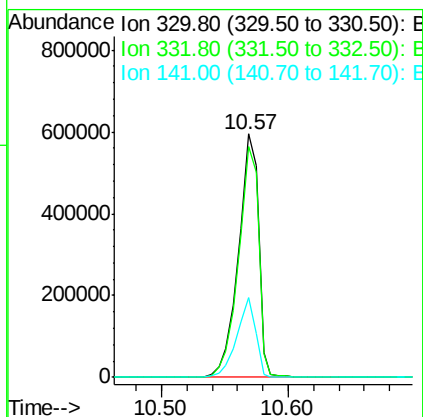
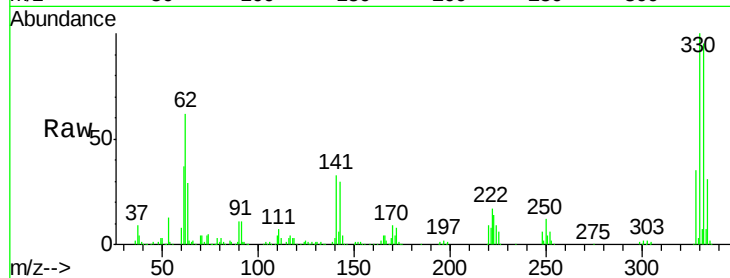




#42
 2,4,6-Tribromophenol
 Concen: 120.048 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119913.D
 Acq: 13 Apr 2020 13:20

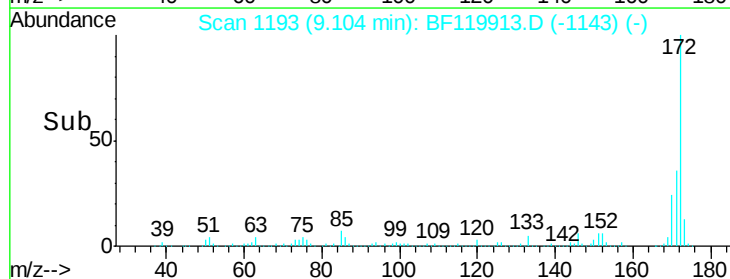
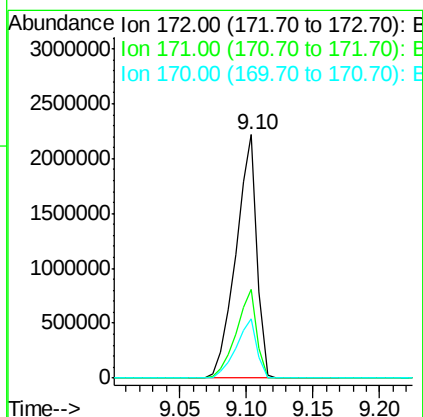
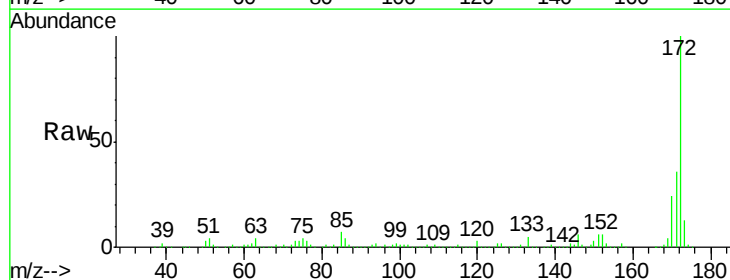
Instrument :
 BNA_F
 ClientSampleId :
 PB128139BL

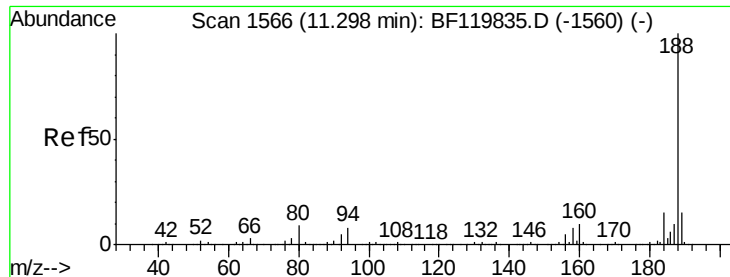
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	30.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 77.863 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119913.D
 Acq: 13 Apr 2020 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.5	19.4	29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PB128139BL

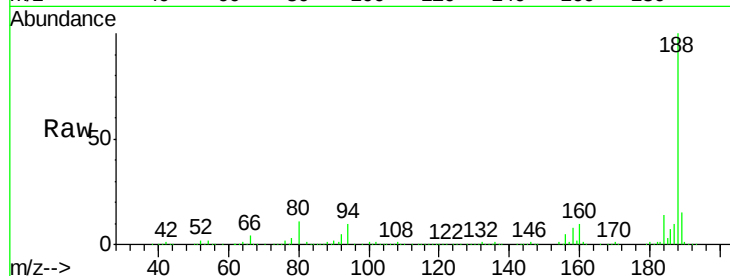
Tot Ion:188 Resp: 910874

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

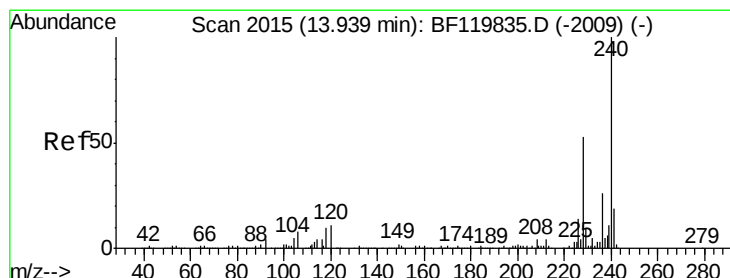
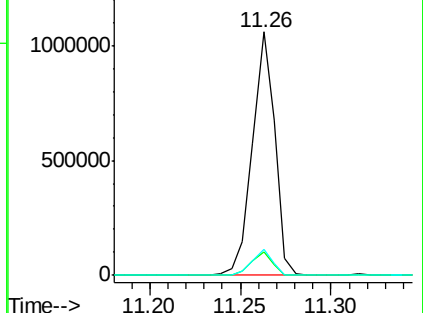
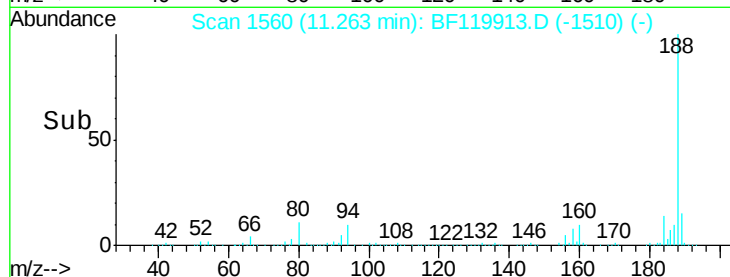
80 10.5 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

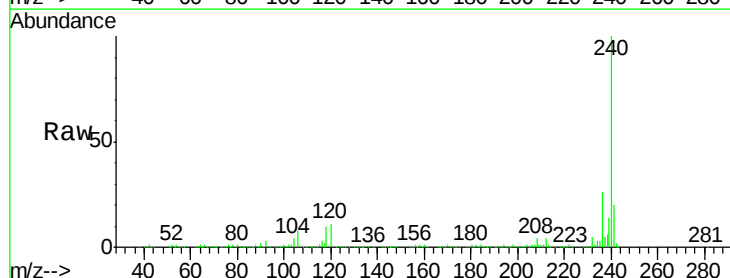
Tgt Ion:240 Resp: 769150

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

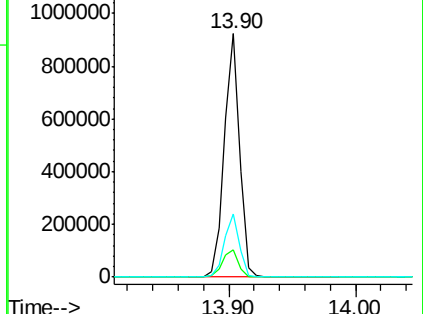
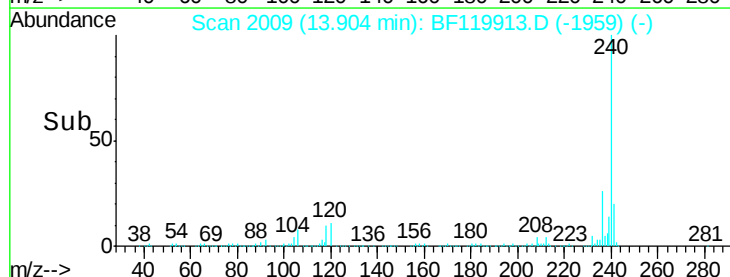
236 26.1 20.7 31.1

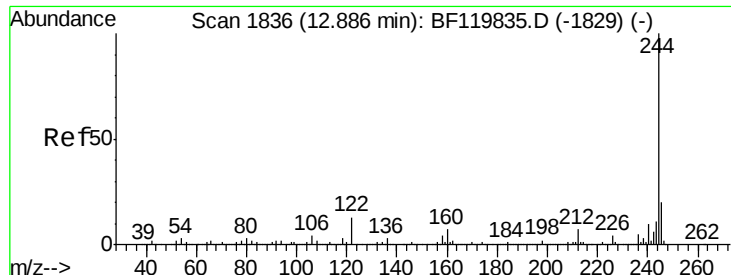


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.642 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

Instrument :

BNA_F

ClientSampleId :

PB128139BL

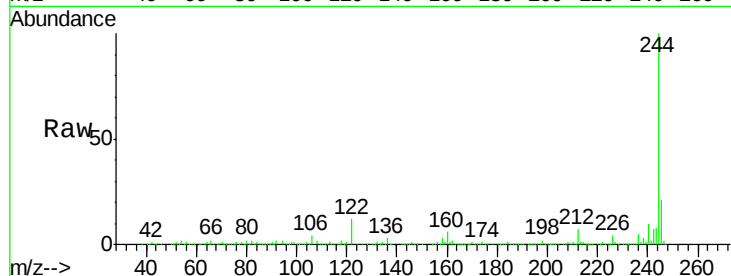
Tot Ion:244 Resp: 3000518

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

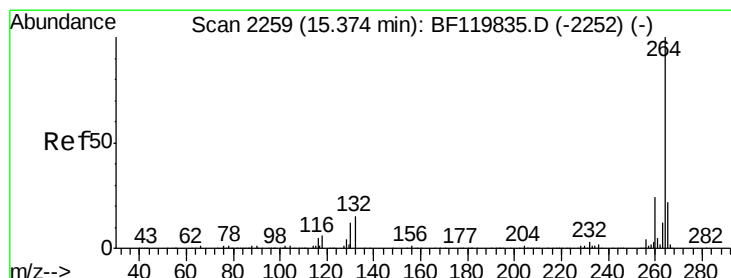
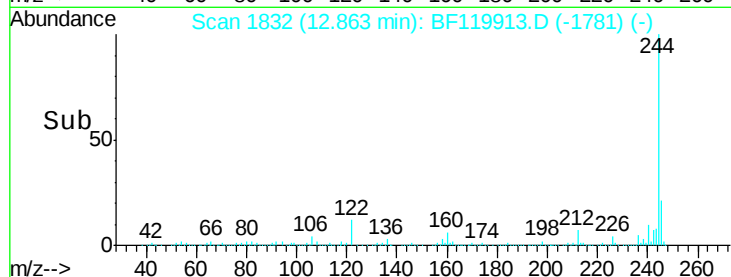
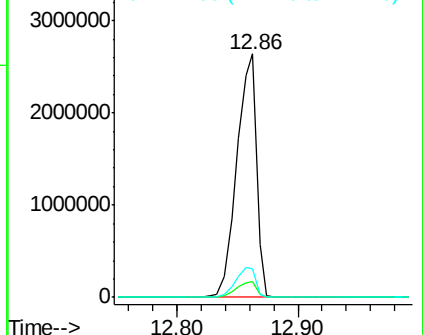
122 11.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119913.D

Acq: 13 Apr 2020 13:20

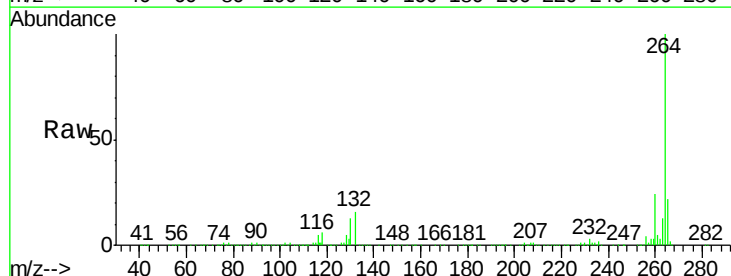
Tgt Ion:264 Resp: 806228

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.2 17.6 26.4



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

