

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119921.D
 Acq On : 13 Apr 2020 18:07
 Operator : MA/SJ
 Sample : L2224-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-009-ABCD

Quant Time: Apr 14 01:02:38 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

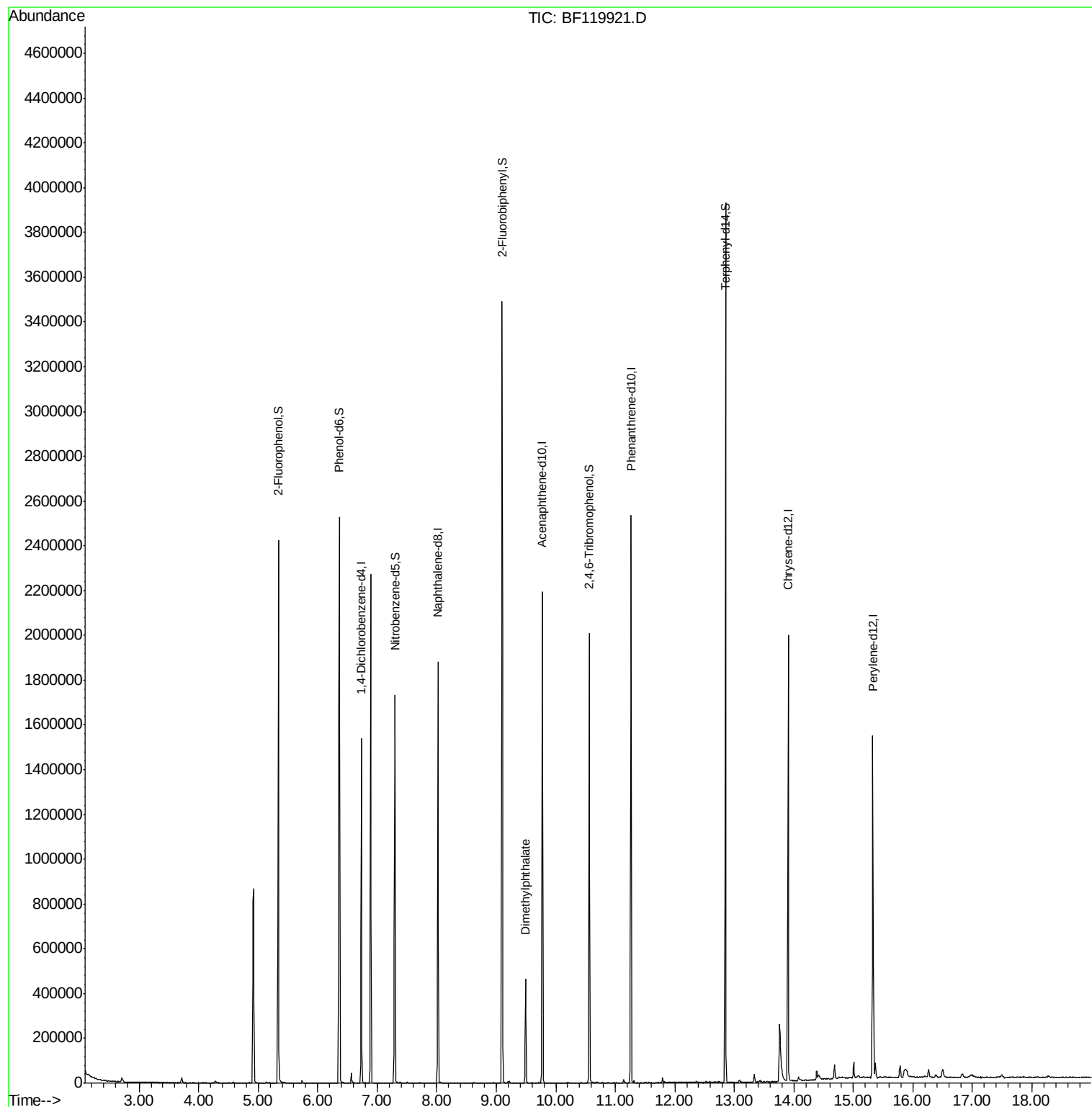
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210879	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	819565	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	439622	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	867129	20.00	ng	0.00
76) Chrysene-d12	13.90	240	707011	20.00	ng	0.00
87) Perylene-d12	15.33	264	692208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	600117	49.18	ng	0.00
7) Phenol-d6	6.36	99	808378	51.41	ng	-0.02
23) Nitrobenzene-d5	7.30	82	512508	32.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	221557	41.16	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1047452	33.83	ng	-0.01
79) Terphenyl-d14	12.85	244	1334428	31.76	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	166748	4.904	ng	Qvalue 99

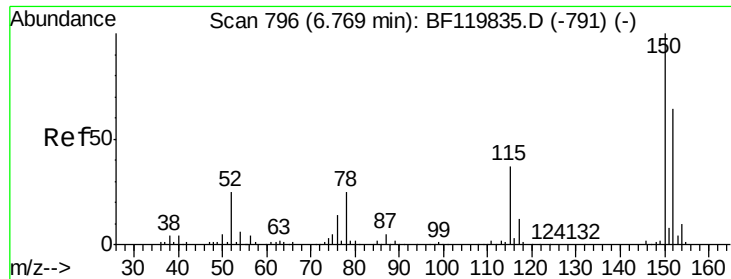
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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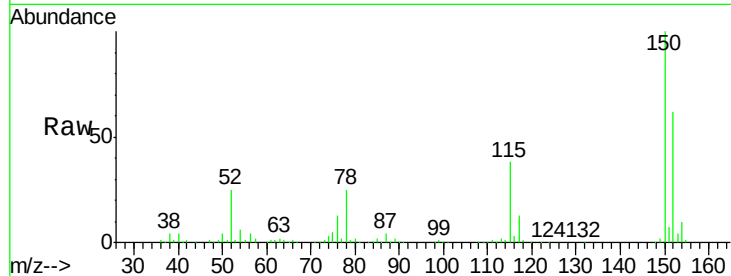


#1

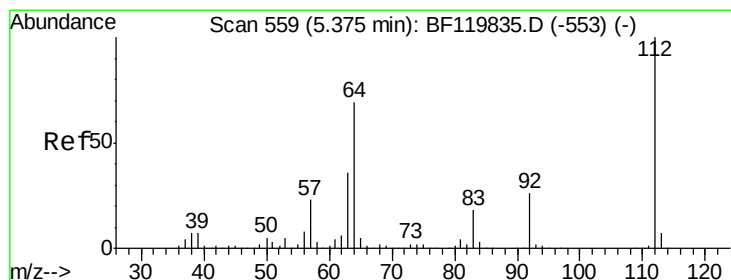
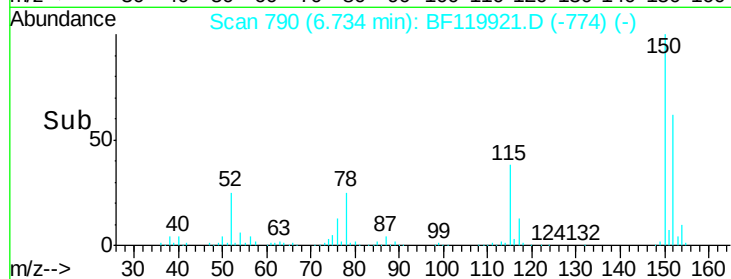
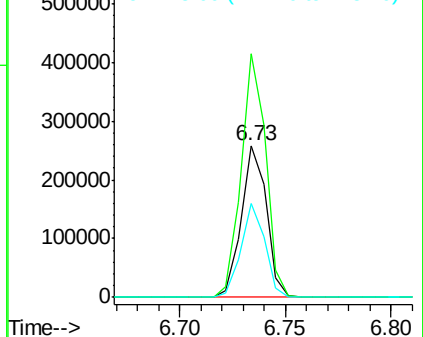
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-009-ABCD

Tot Ion:152 Resp: 210879
Ion Ratio Lower Upper
152 100
150 160.5 124.8 187.2
115 61.8 46.5 69.7



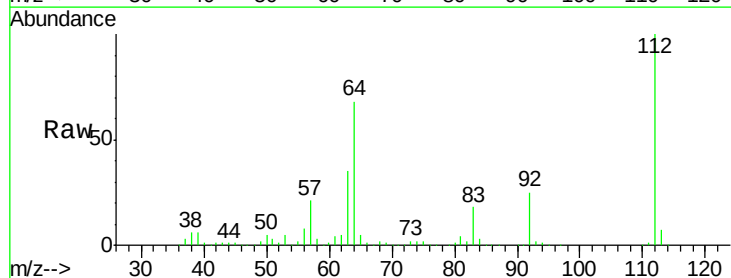
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



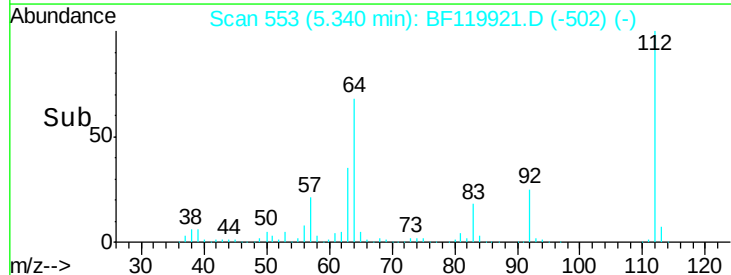
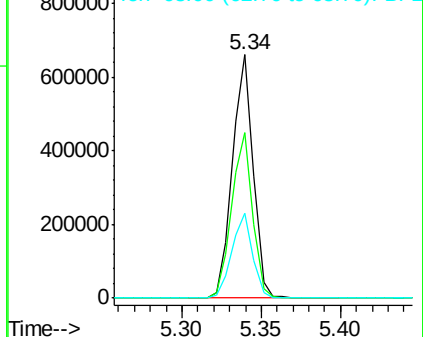
#5

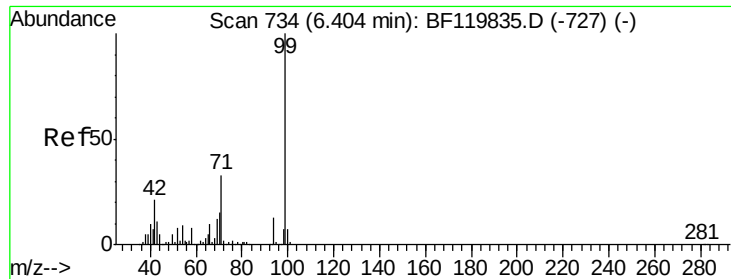
2-Fluorophenol
Concen: 49.180 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

Tgt Ion:112 Resp: 600117
Ion Ratio Lower Upper
112 100
64 68.0 55.5 83.3
63 35.0 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: 51.413 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

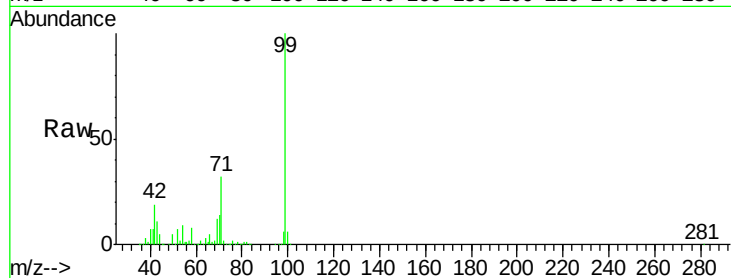
Tot Ion: 99 Resp: 808378

Ion Ratio Lower Upper

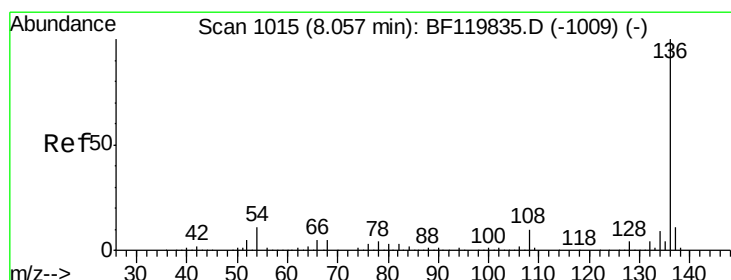
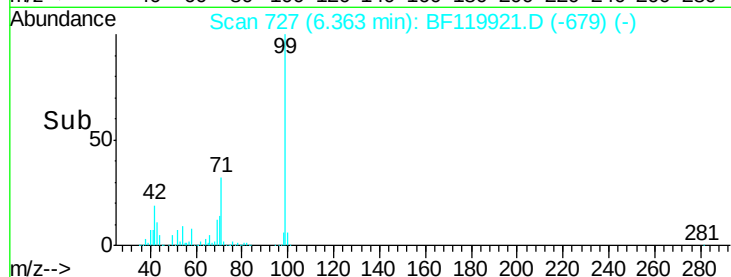
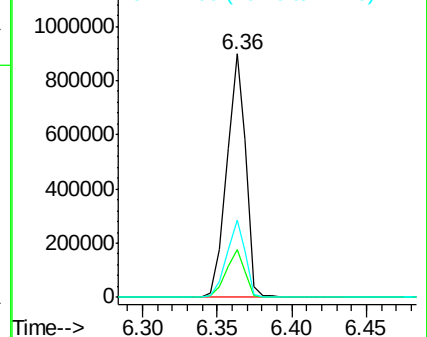
99 100

42 19.5 16.9 25.3

71 31.5 26.3 39.5



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Tgt Ion: 136 Resp: 819565

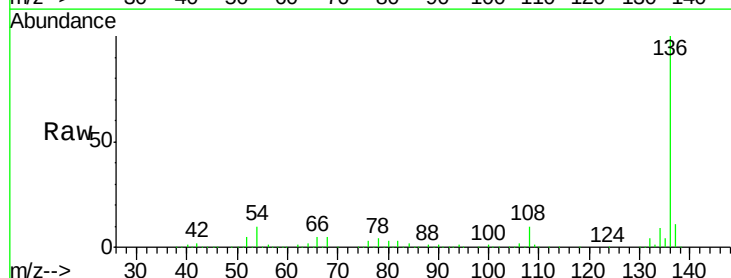
Ion Ratio Lower Upper

136 100

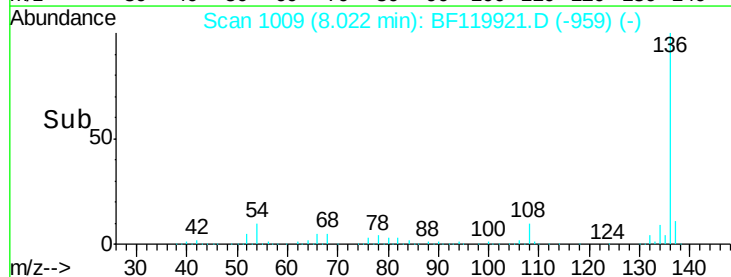
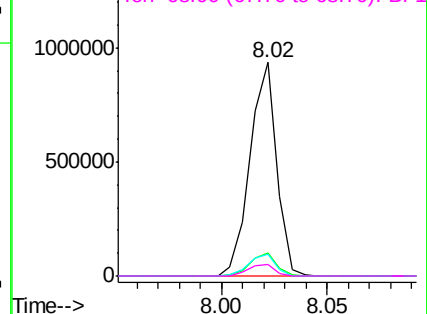
137 11.0 8.7 13.1

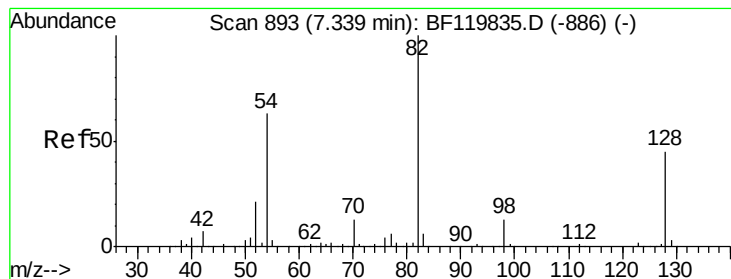
54 10.0 8.5 12.7

68 5.3 3.9 5.9



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: 32.351 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

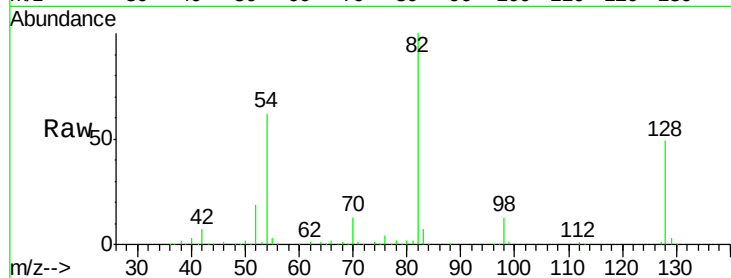
Tot Ion: 82 Resp: 512508

Ion Ratio Lower Upper

82 100

128 48.8 36.2 54.4

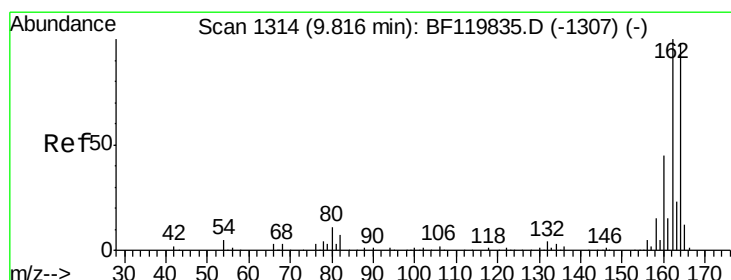
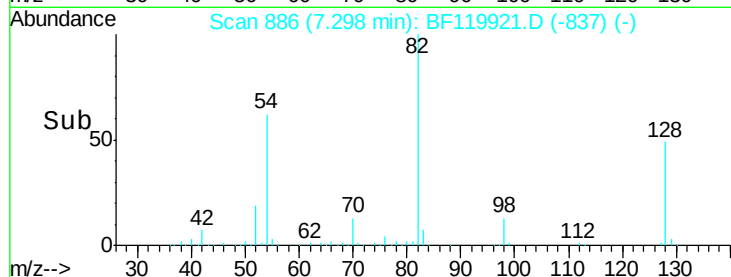
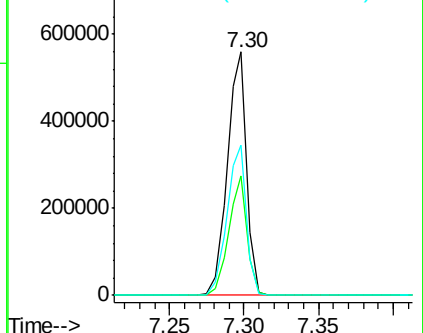
54 61.7 50.4 75.6



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: BF119921.D

Acq: 13 Apr 2020 18:07

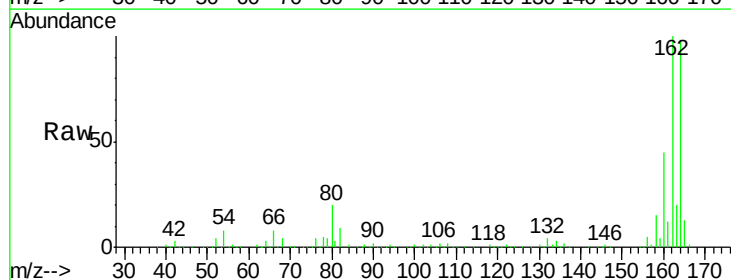
Tgt Ion:164 Resp: 439622

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

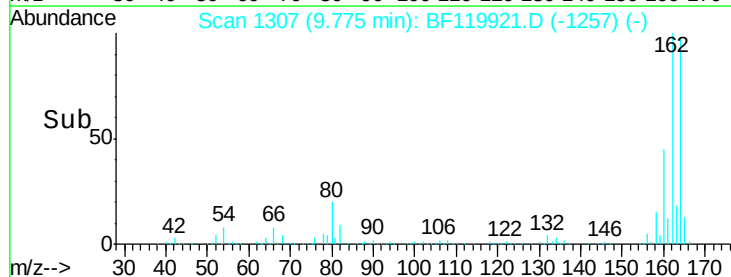
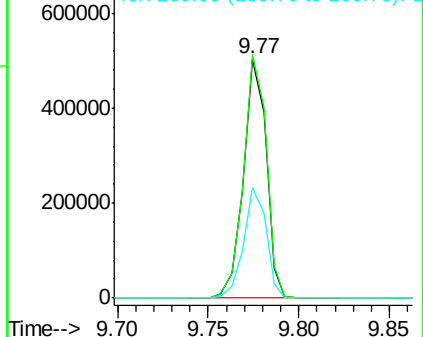
160 46.1 36.6 54.8

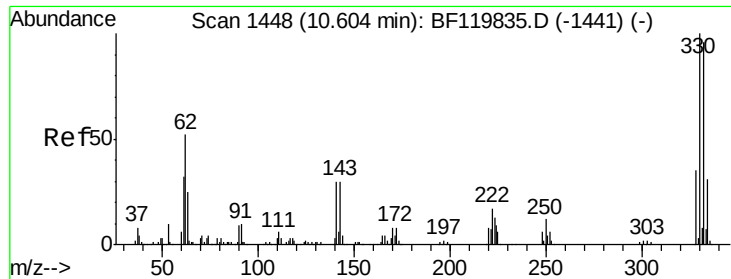


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

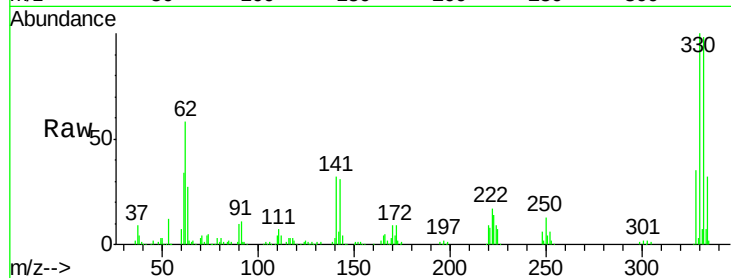




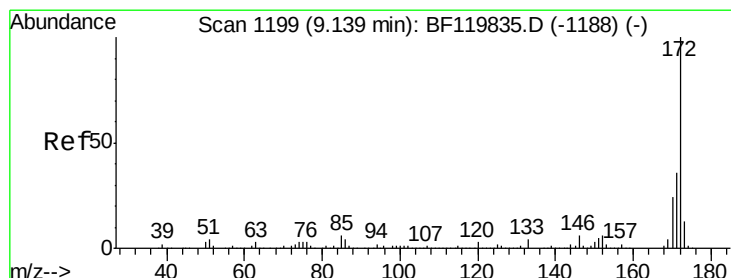
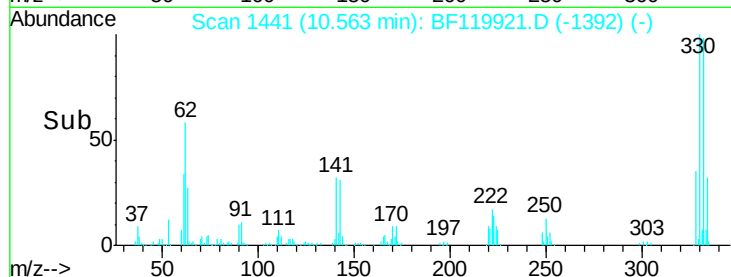
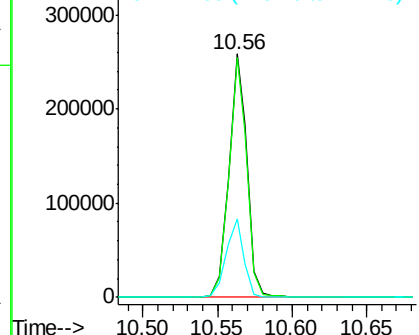
#42
 2,4,6-Tribromophenol
 Concen: 41.163 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119921.D
 Acq: 13 Apr 2020 18:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-009-ABCD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	31.4	25.1	37.7

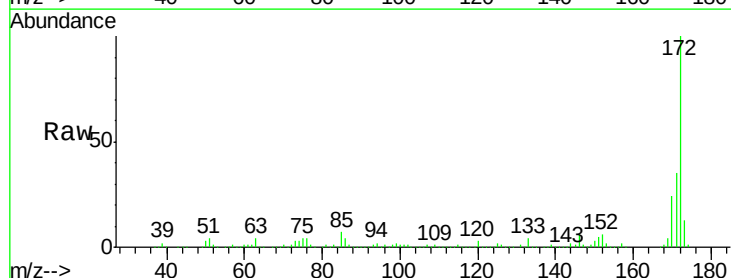


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

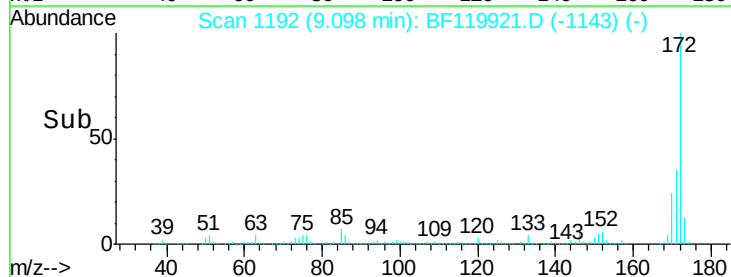
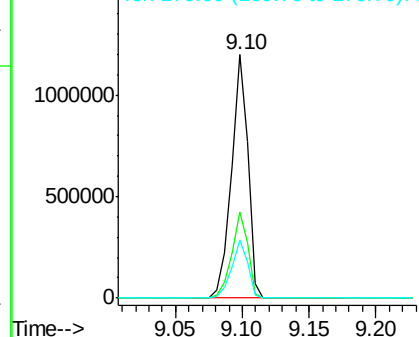


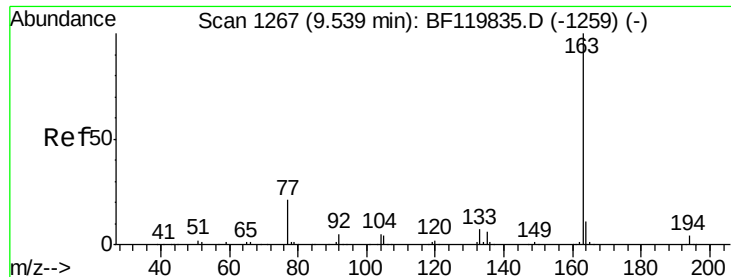
#45
 2-Fluorobiphenyl
 Concen: 33.828 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119921.D
 Acq: 13 Apr 2020 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.9	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





#50

Dimethylphthalate

Concen: 4.904 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

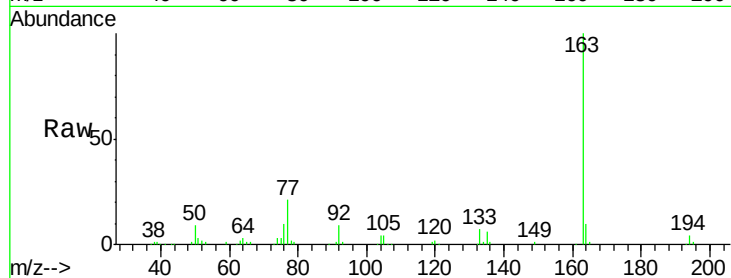
Tot Ion:163 Resp: 166748

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

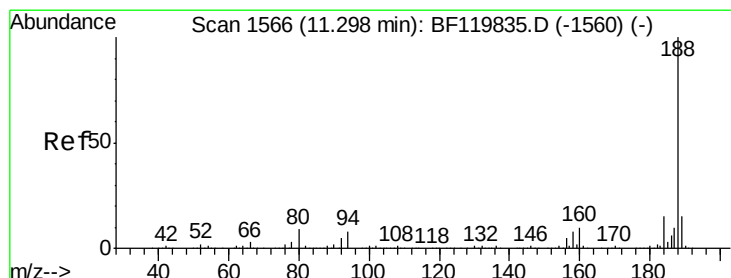
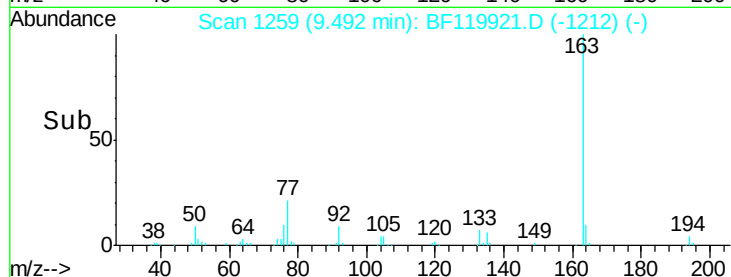
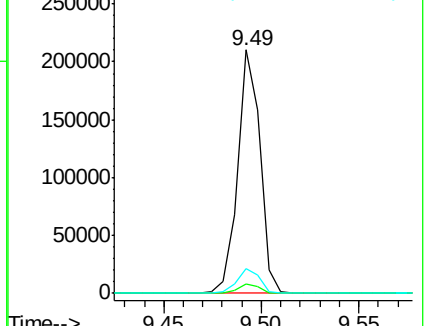
164 10.0 8.4 12.6



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: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

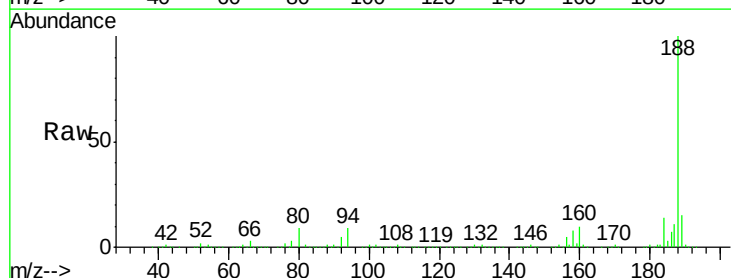
Tgt Ion:188 Resp: 867129

Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

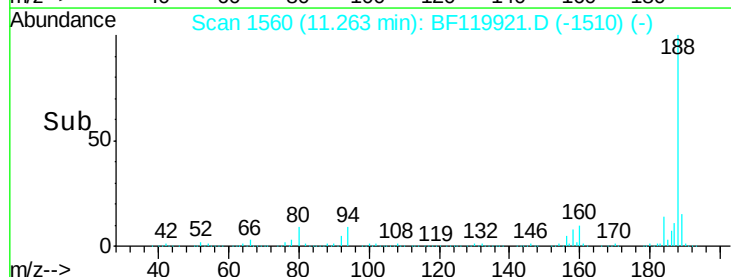
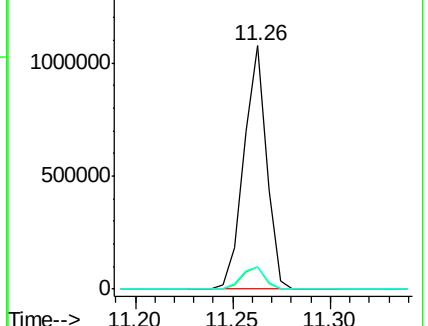
80 9.3 7.4 11.2

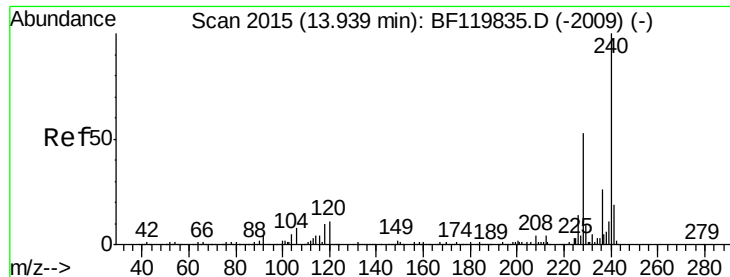


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

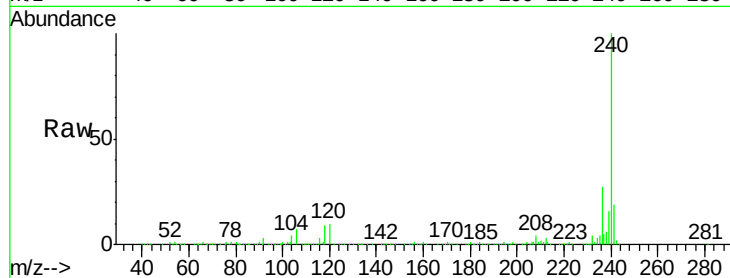
Tot Ion:240 Resp: 707011

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

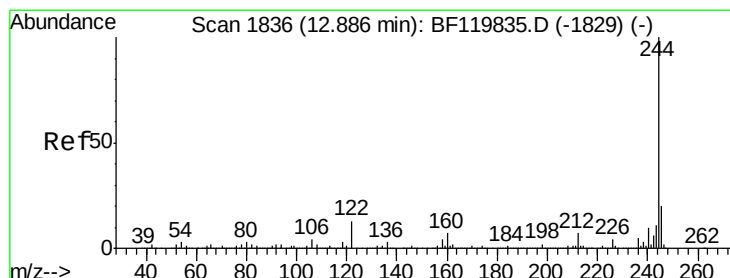
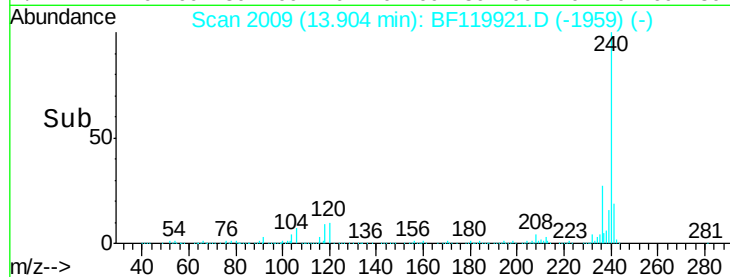
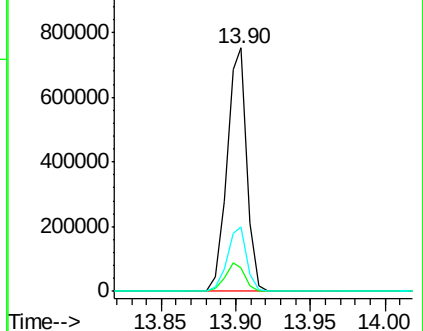
236 26.7 20.7 31.1



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: 31.759 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

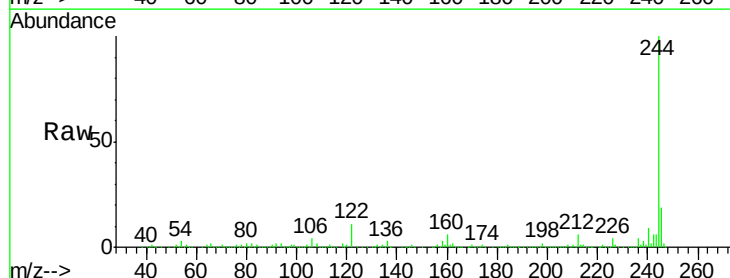
Tgt Ion:244 Resp: 1334428

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

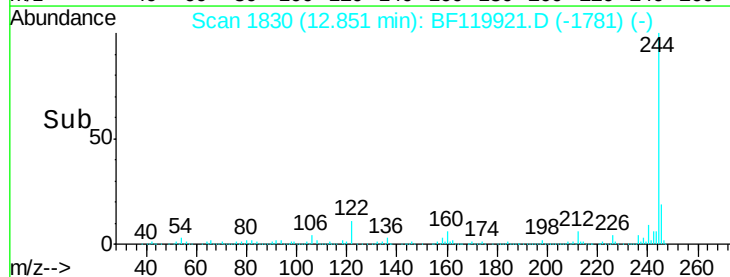
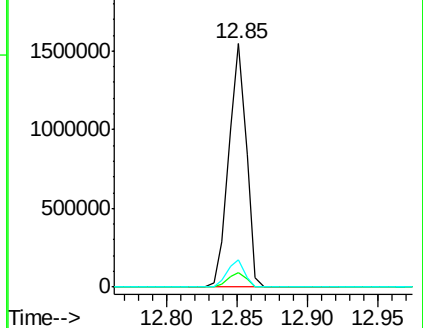
122 11.2 10.3 15.5

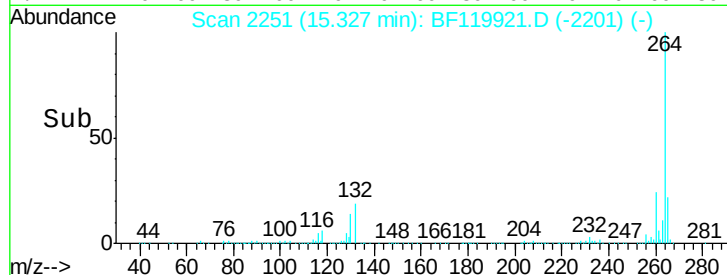
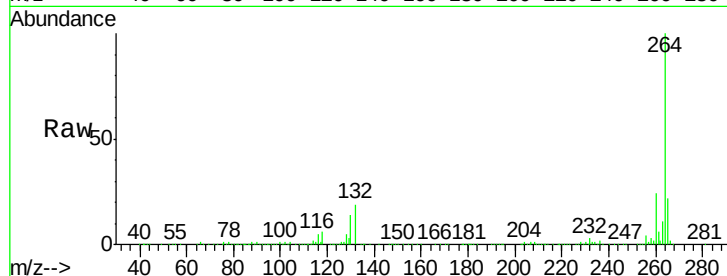
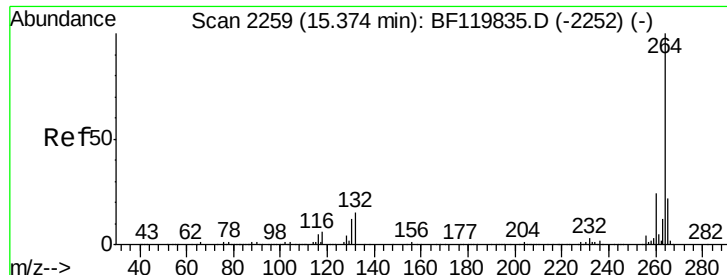


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-009-ABCD

Tot Ion:	264	Resp:	692208
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.3	28.9
265	22.0	17.6	26.4

