

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120003.D
 Acq On : 15 Apr 2020 19:37
 Operator : MA/SJ
 Sample : L2224-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 16 03:50:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

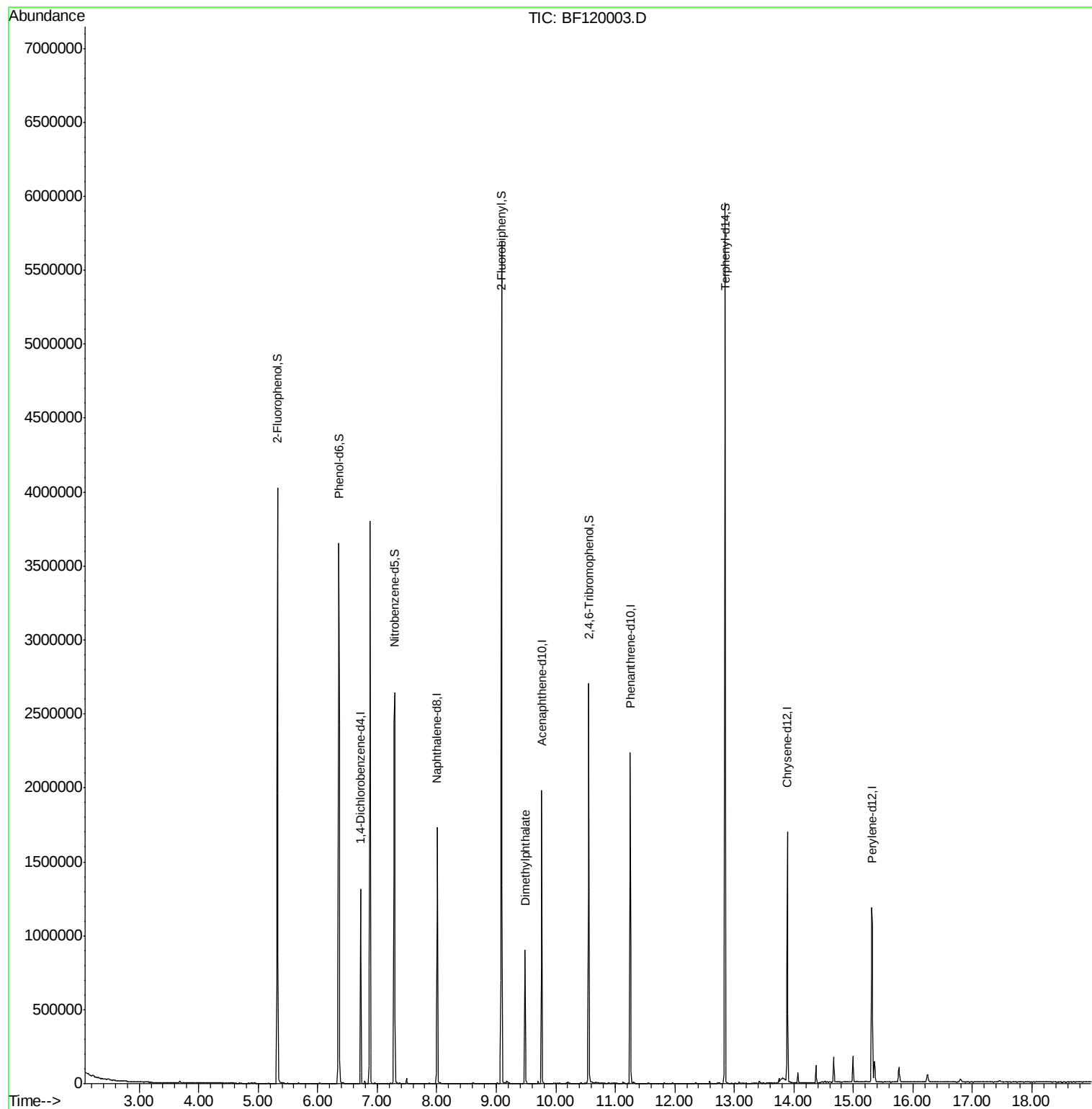
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188966	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	732177	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	393753	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	760736	20.00	ng	0.00
76) Chrysene-d12	13.89	240	617202	20.00	ng	0.00
87) Perylene-d12	15.31	264	528677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1089714	99.66	ng	0.00
7) Phenol-d6	6.36	99	1454781	103.25	ng	-0.01
23) Nitrobenzene-d5	7.29	82	905800	64.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	320658	66.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1799859	64.90	ng	0.00
79) Terphenyl-d14	12.84	244	2185497	59.58	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	347794	11.419	ng	98

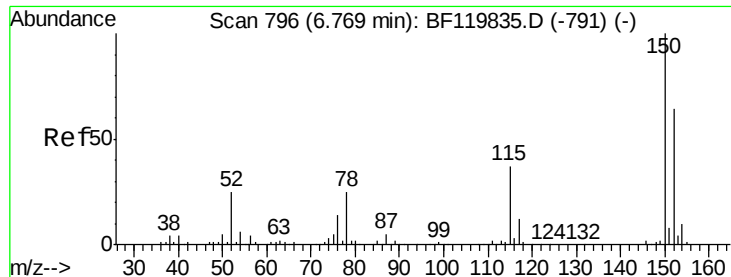
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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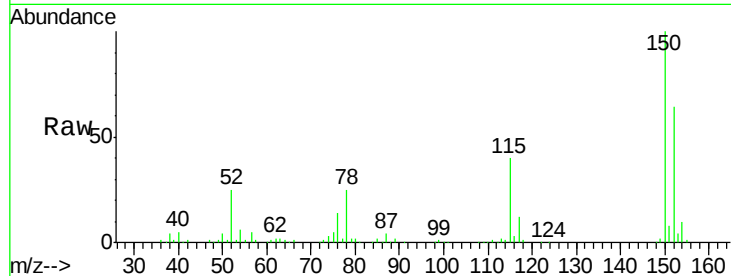


#1

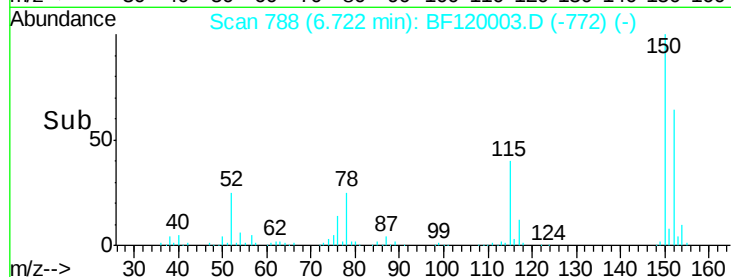
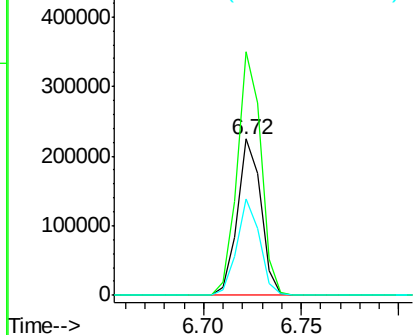
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

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

Tot Ion:152 Resp: 188966
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 61.7 46.5 69.7



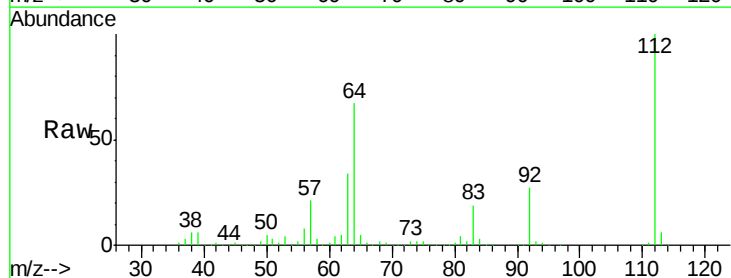
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



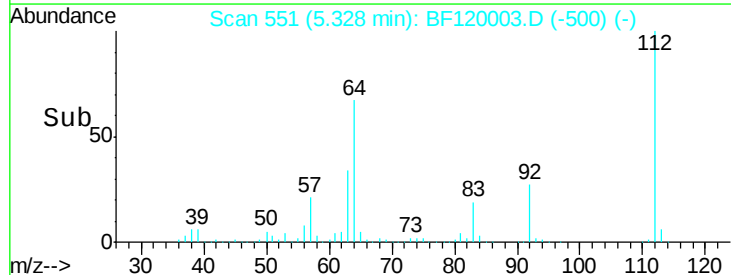
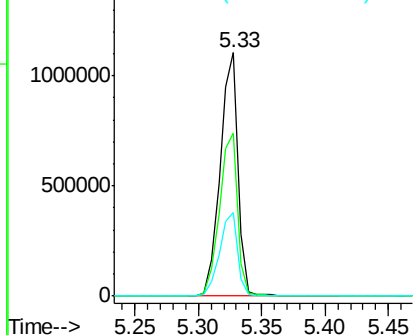
#5

2-Fluorophenol
 Concen: 99.660 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Tgt Ion:112 Resp: 1089714
 Ion Ratio Lower Upper
 112 100
 64 67.0 55.5 83.3
 63 34.5 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: 103.253 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

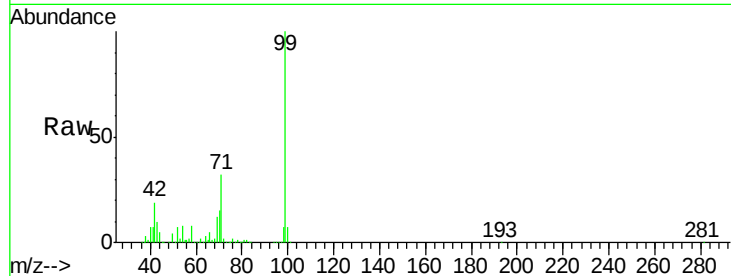
Tot Ion: 99 Resp: 1454781

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

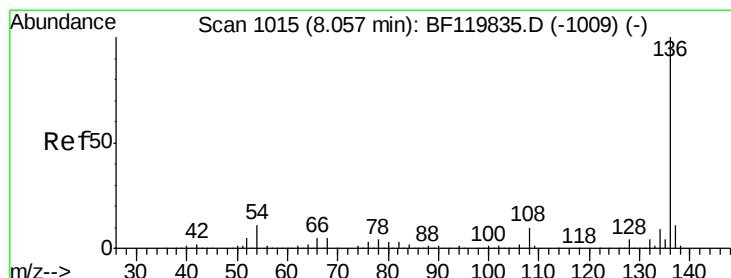
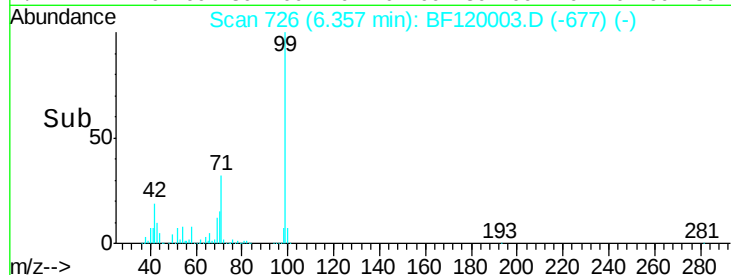
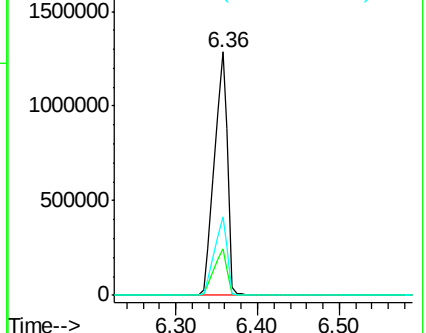
71 32.4 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Tgt Ion: 136 Resp: 732177

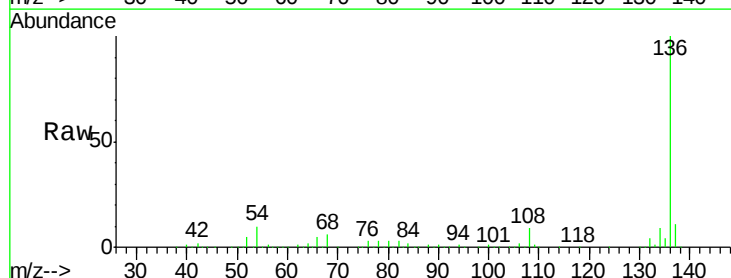
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.8 8.5 12.7

68 5.7 3.9 5.9

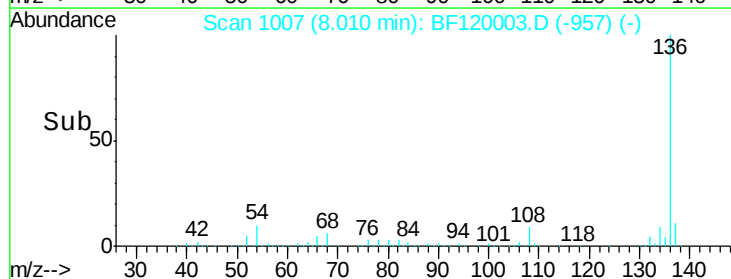
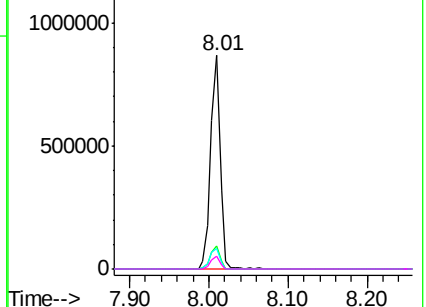


Abundance Ion 136.00 (135.70 to 136.70): E

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

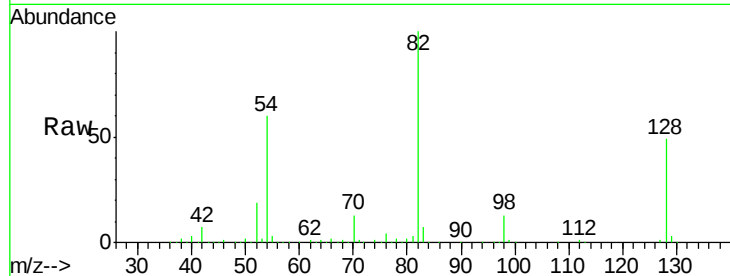




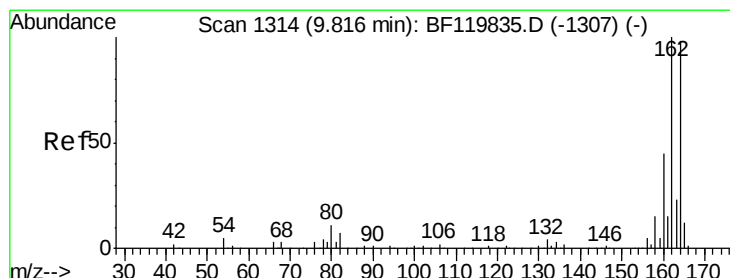
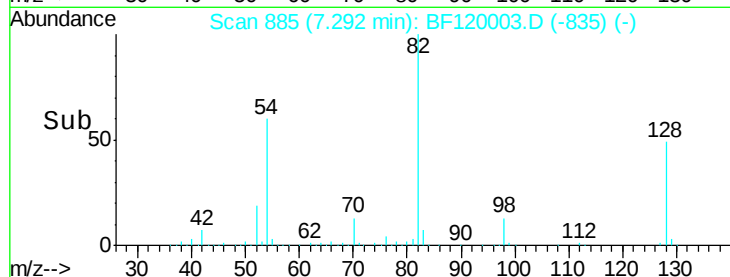
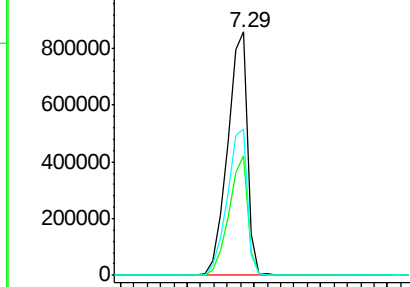
#23
 Nitrobenzene-d5
 Concen: 64.001 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

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

Tot Ion: 82 Resp: 905800
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.2 54.4
 54 60.3 50.4 75.6

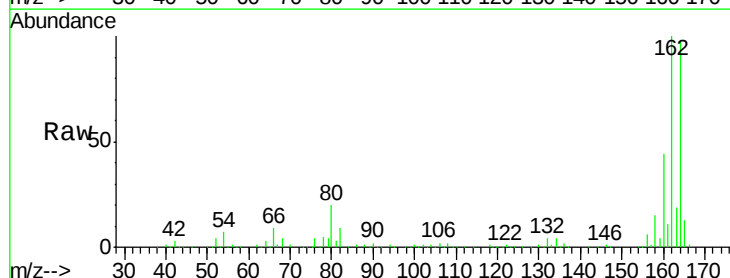


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

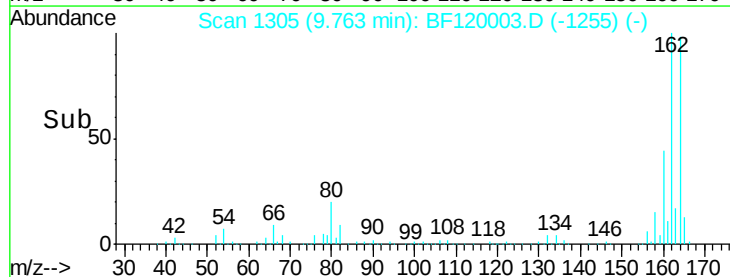
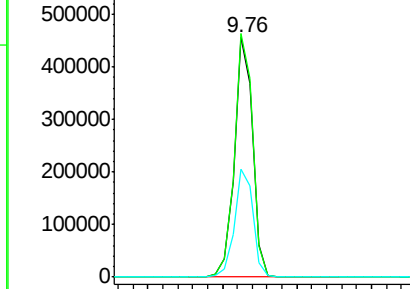


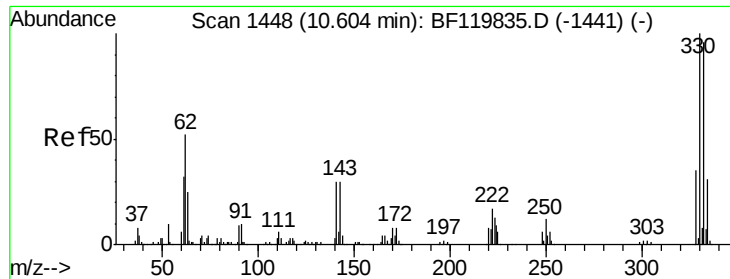
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Tgt Ion: 164 Resp: 393753
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.9 122.9
 160 45.1 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

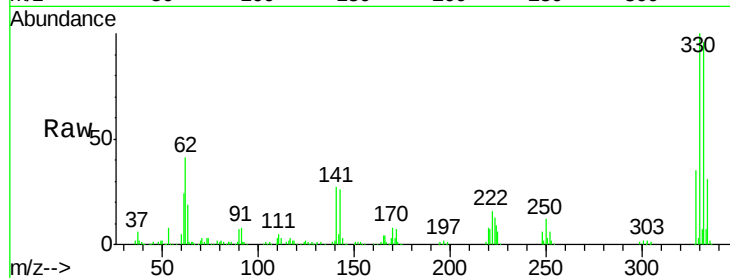




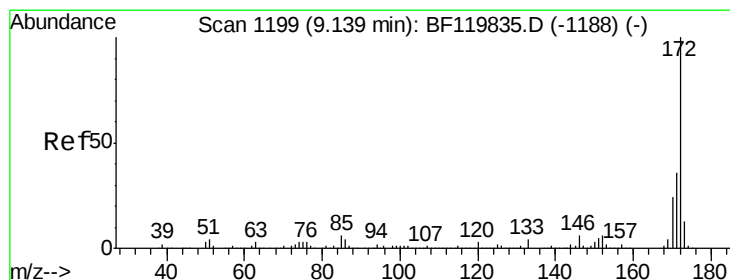
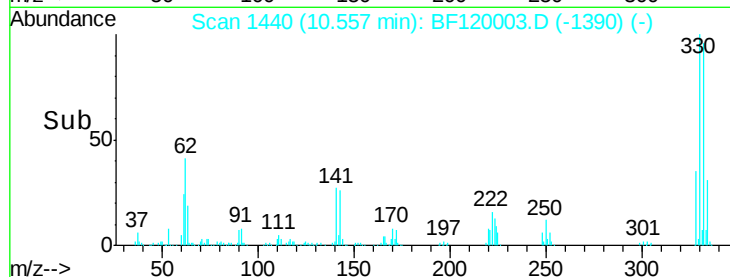
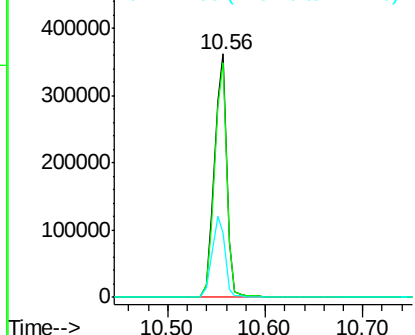
#42
 2,4,6-Tribromophenol
 Concen: 66.515 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	34.5	25.1	37.7

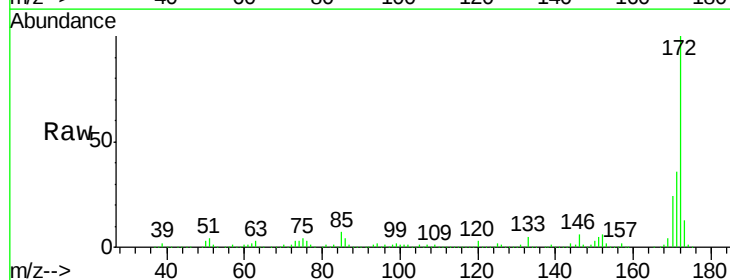


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

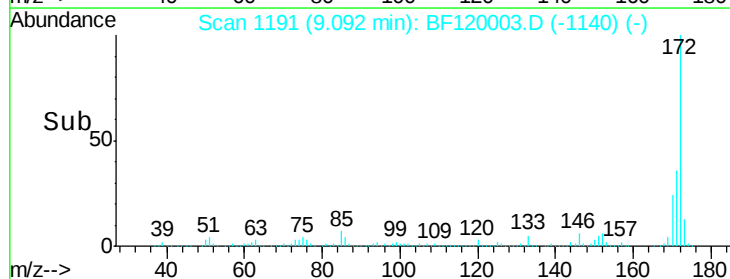
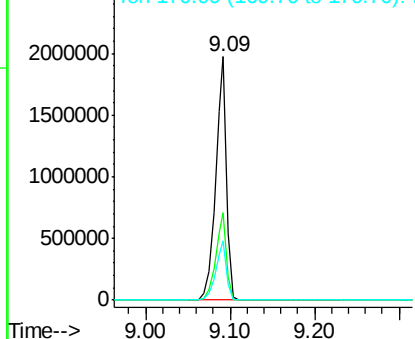


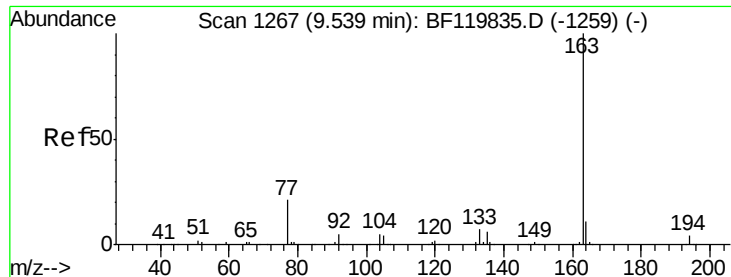
#45
 2-Fluorobiphenyl
 Concen: 64.899 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	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: 11.419 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

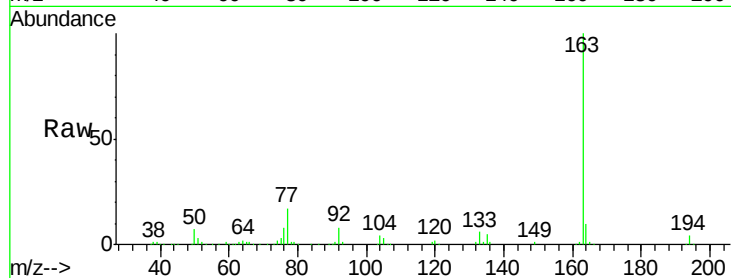
Tot Ion:163 Resp: 347794

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

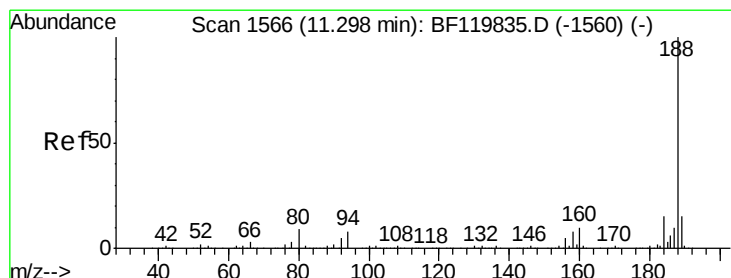
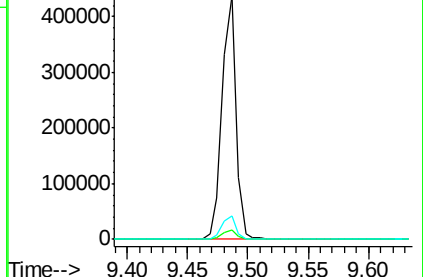
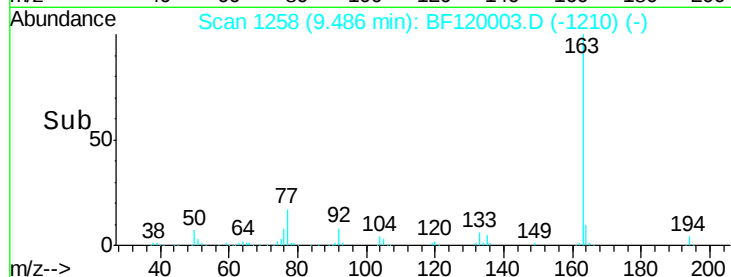
164 9.6 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

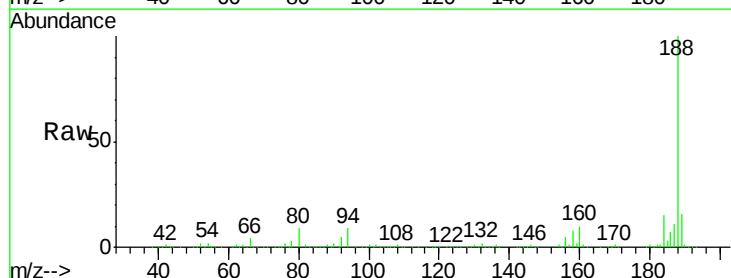
Tgt Ion:188 Resp: 760736

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

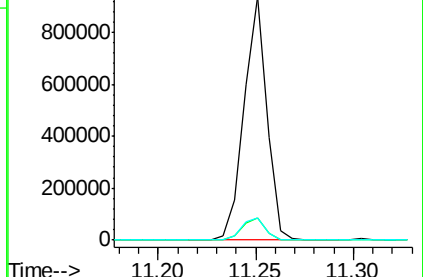
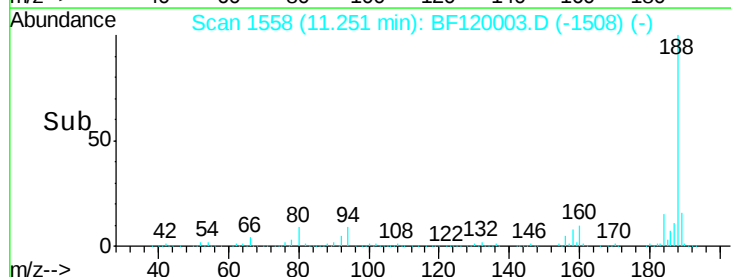
80 9.4 7.4 11.2

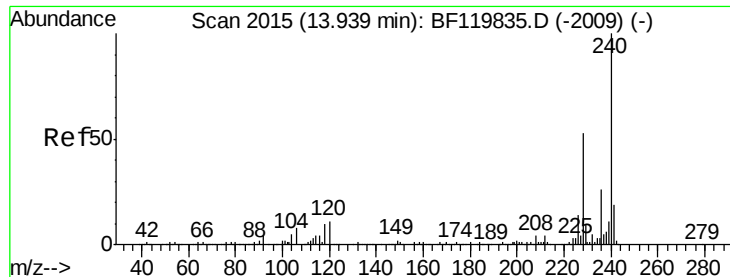


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

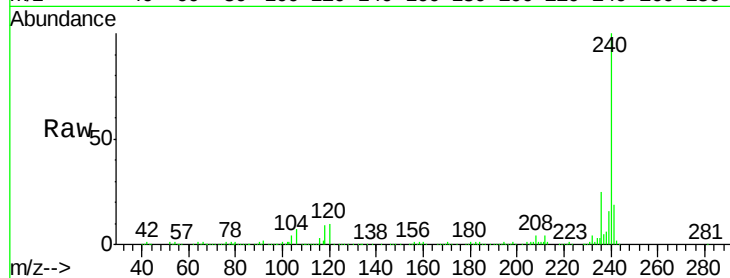
Tot Ion:240 Resp: 617202

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

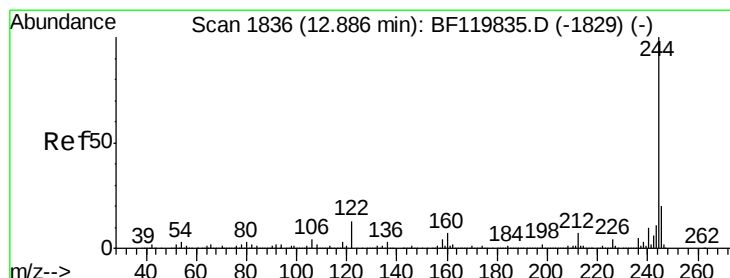
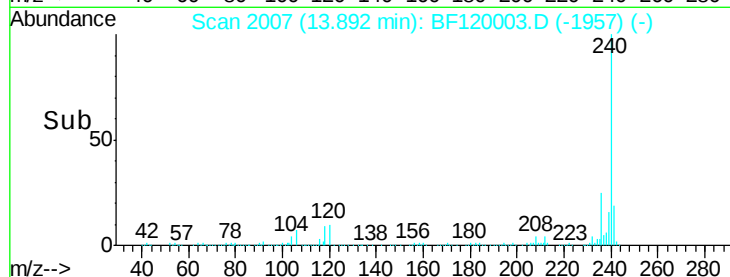
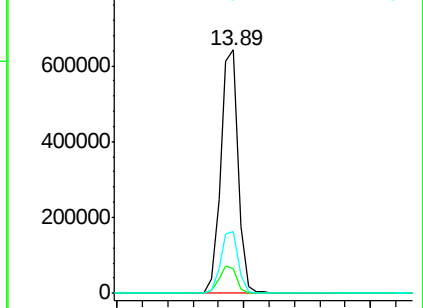
236 25.3 20.7 31.1



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: 59.582 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

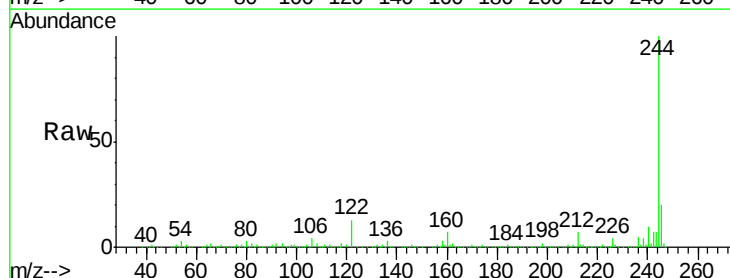
Tgt Ion:244 Resp: 2185497

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

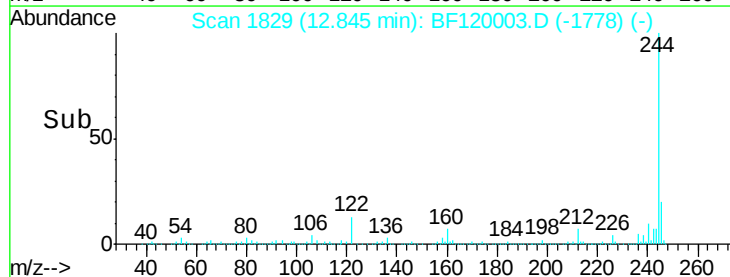
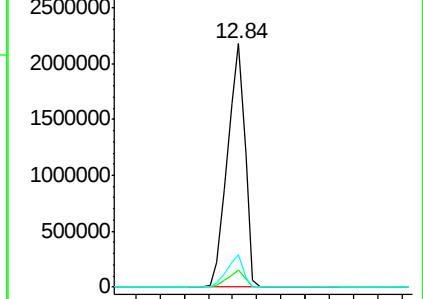
122 13.1 10.3 15.5

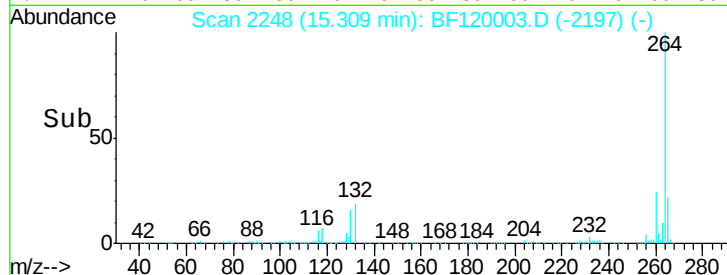
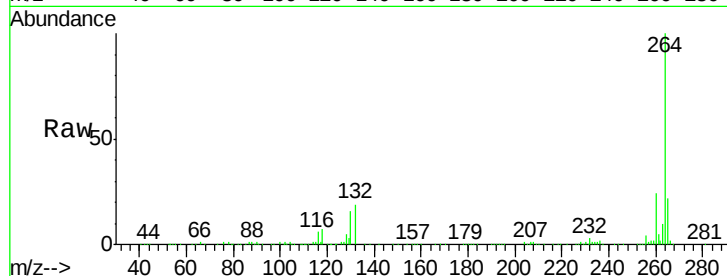
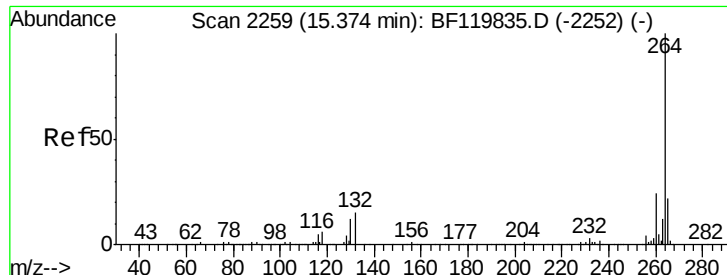


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

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

Tot Ion:	264	Resp:	528677
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.0	17.6	26.4

