

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113670.D
 Acq On : 9 Apr 2019 19:28
 Operator : JU/SJ
 Sample : K2198-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-040819

Quant Time: Apr 10 07:06:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	112260	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	412064	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	189339	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	348427	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	319138	20.00	ng	-0.02
87) Perylene-d12	15.23	264	298831	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	756490	114.91	ng	0.00
7) Phenol-d6	6.33	99	872810	107.57	ng	0.00
23) Nitrobenzene-d5	7.25	82	658969	93.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	311886	137.13	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1211562	103.02	ng	-0.02
79) Terphenyl-d14	12.77	244	1183269	75.49	ng	-0.02

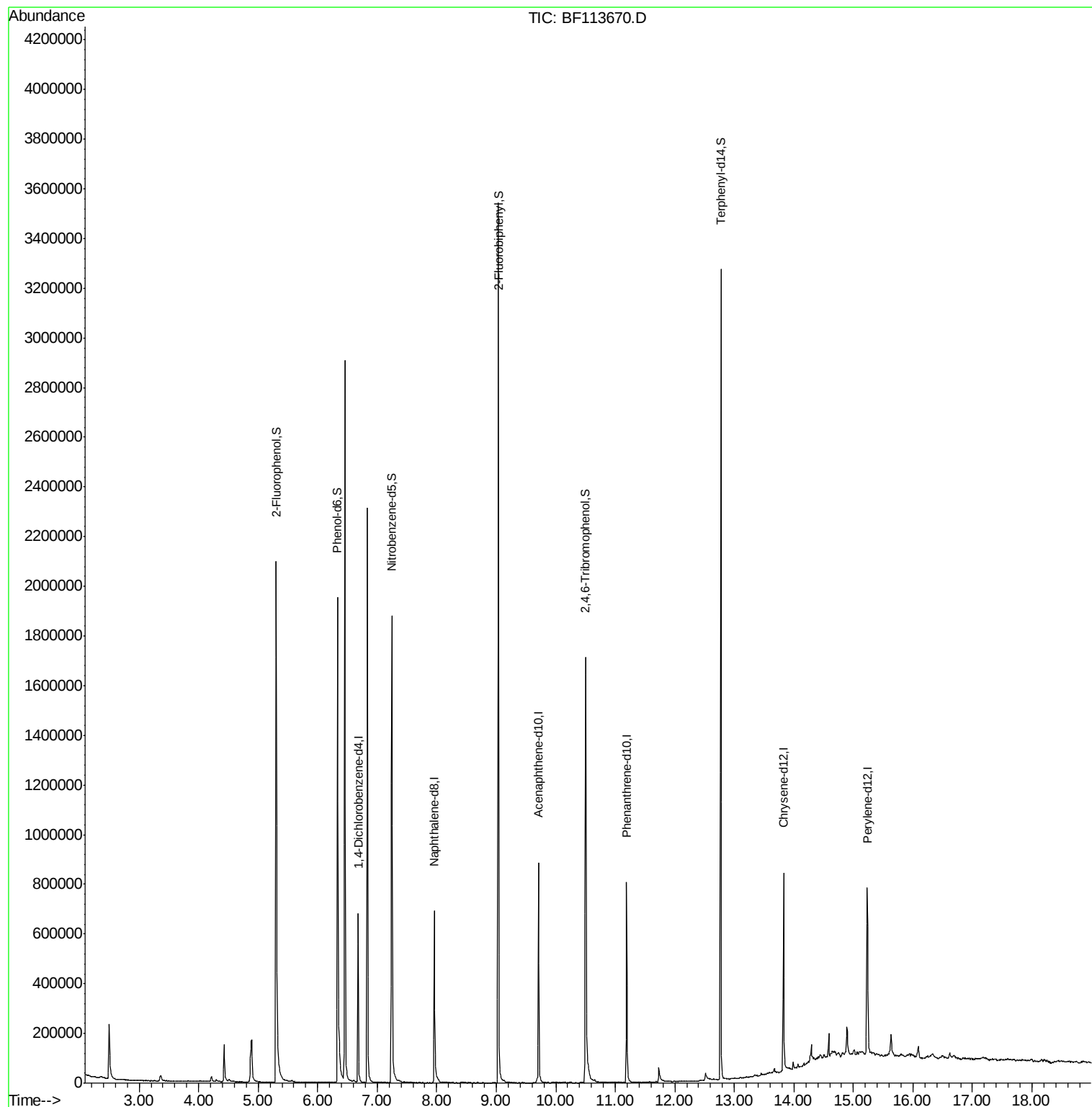
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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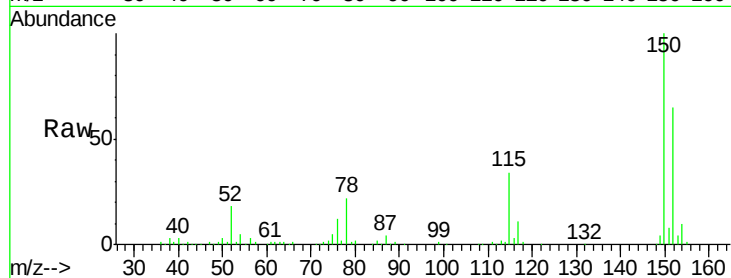




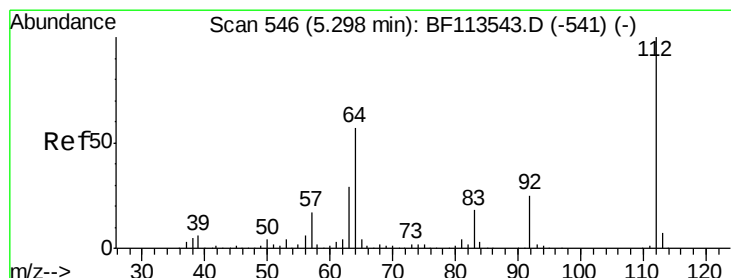
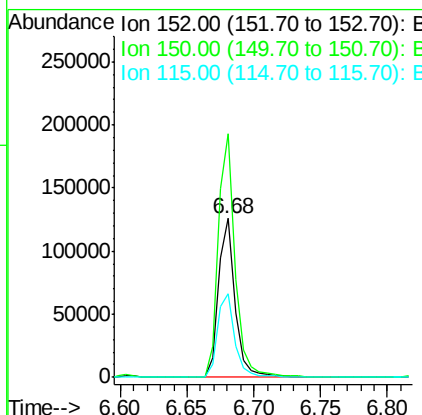
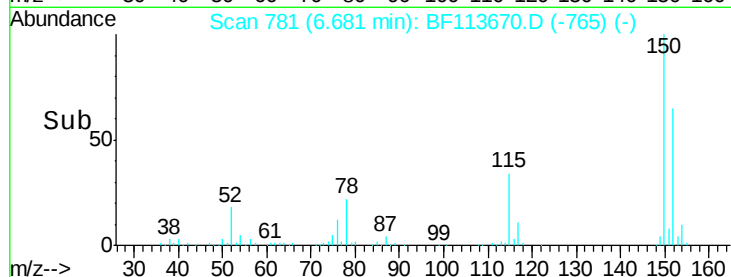
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-040819

Tgt Ion:152 Resp: 112260
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 52.9 46.0 69.0

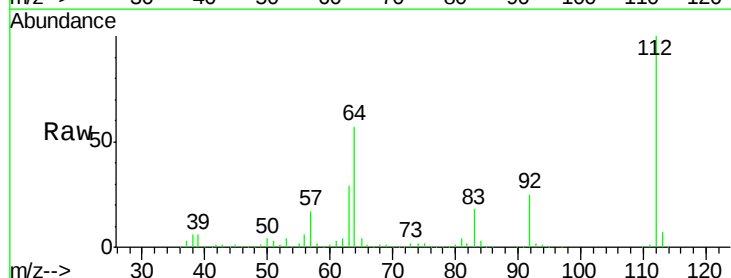


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

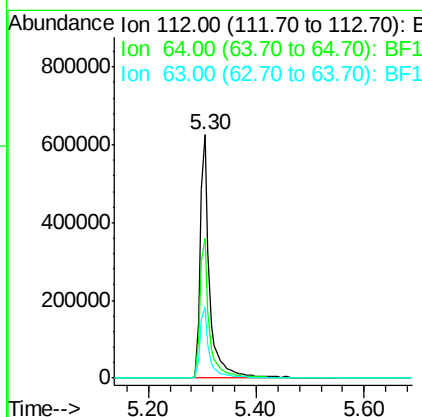
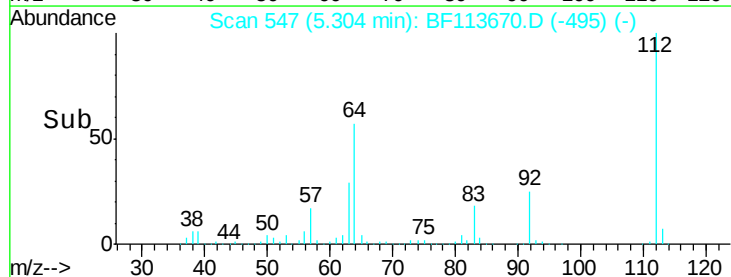


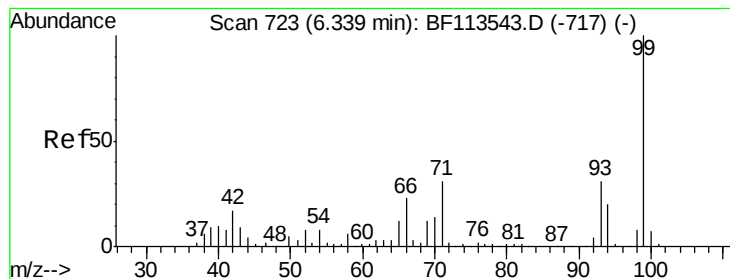
#5
 2-Fluorophenol
 Concen: 114.911 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Tgt Ion:112 Resp: 756490
 Ion Ratio Lower Upper
 112 100
 64 57.4 49.2 73.8
 63 29.3 24.9 37.3



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: 107.569 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

Instrument :

BNA_F

ClientSampleId :

OK-01-040819

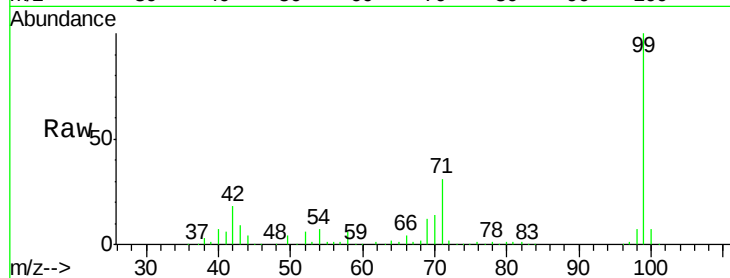
Tgt Ion: 99 Resp: 872810

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

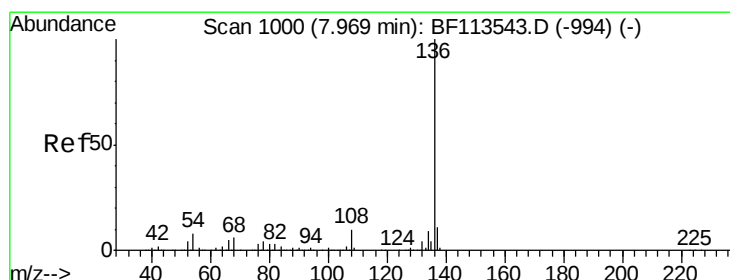
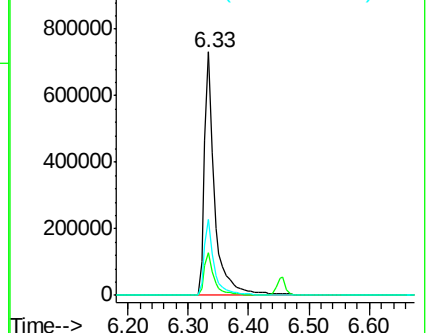
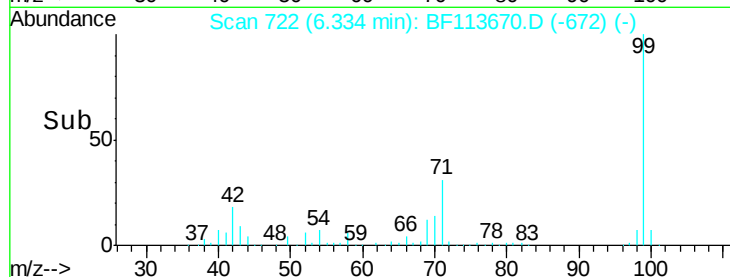
71 30.9 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

Tgt Ion: 136 Resp: 412064

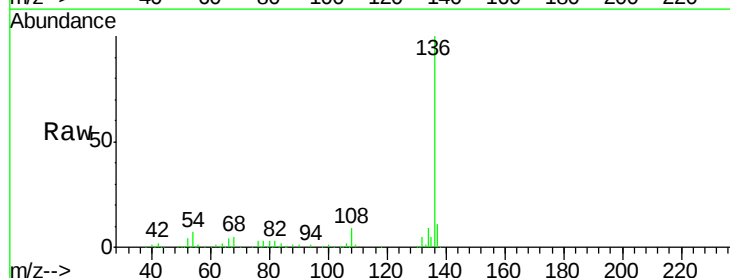
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 7.0 10.6

68 5.5 4.8 7.2

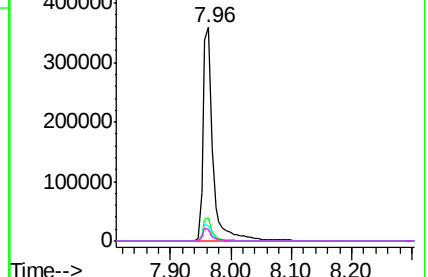
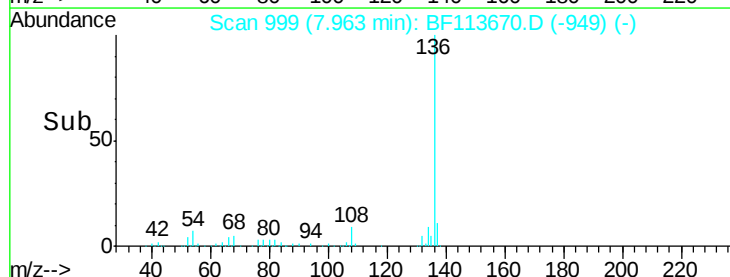


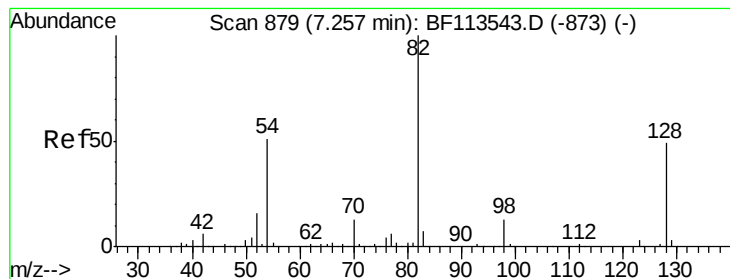
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.673 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

Instrument :

BNA_F

ClientSampleId :

OK-01-040819

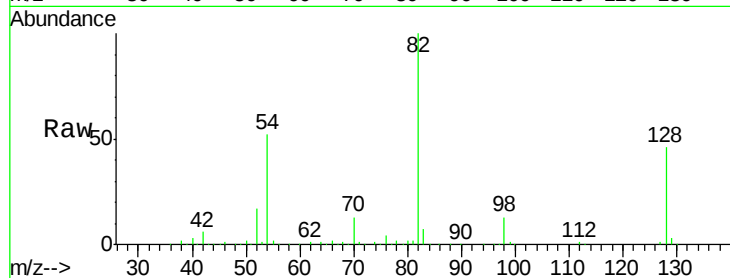
Tgt Ion: 82 Resp: 658969

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

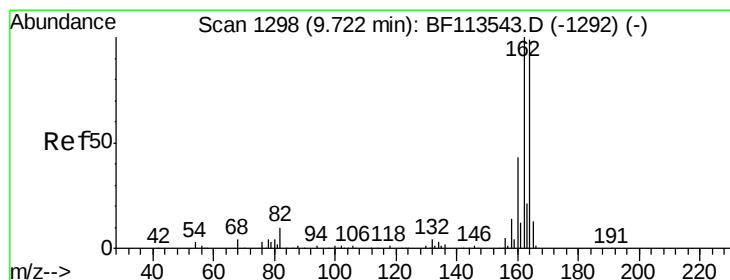
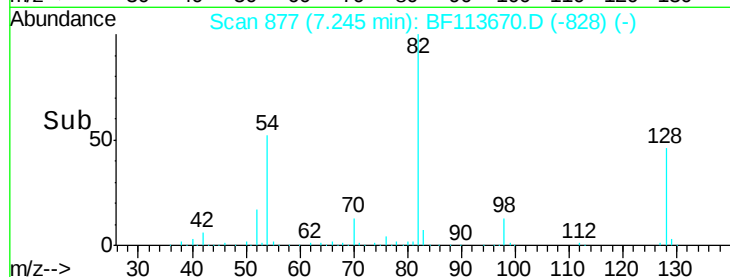
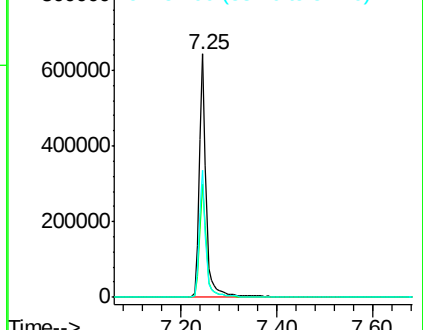
54 52.2 42.2 63.2



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

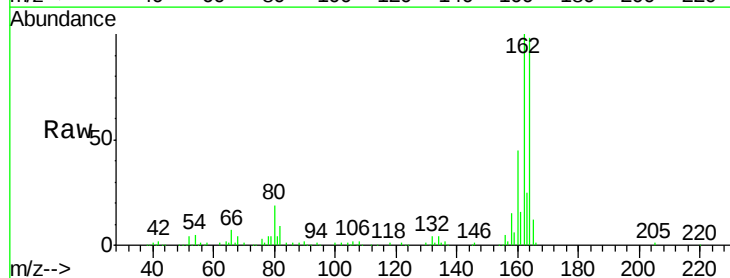
Tgt Ion: 164 Resp: 189339

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

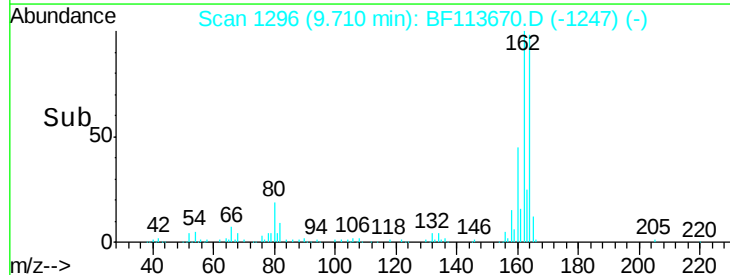
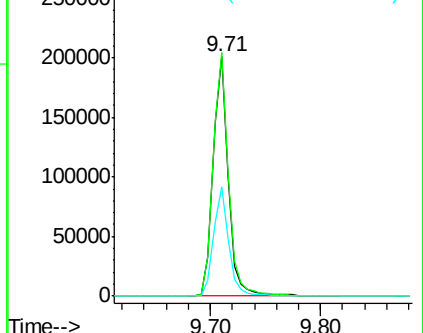
160 45.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

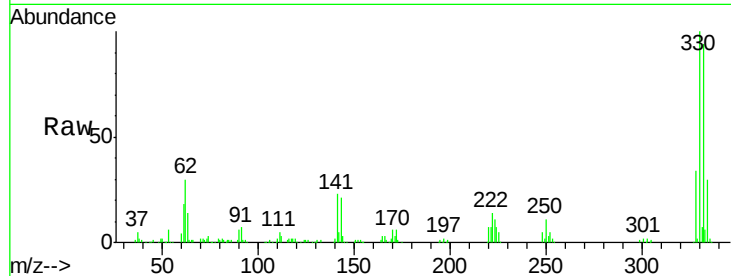




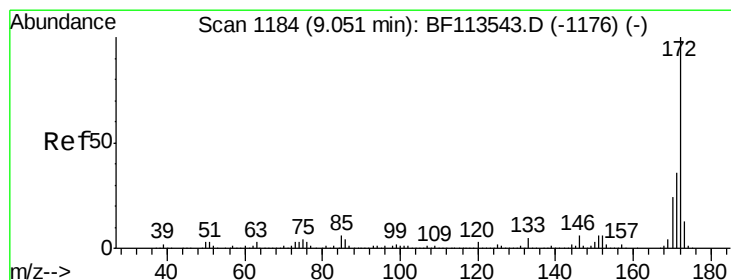
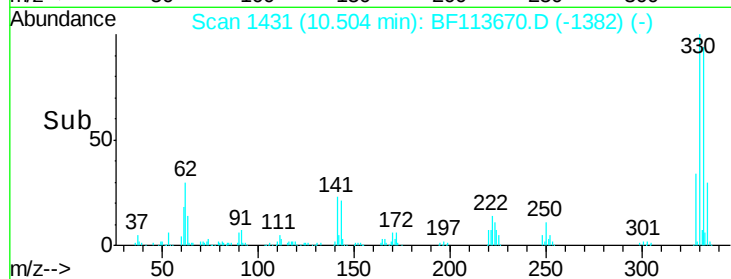
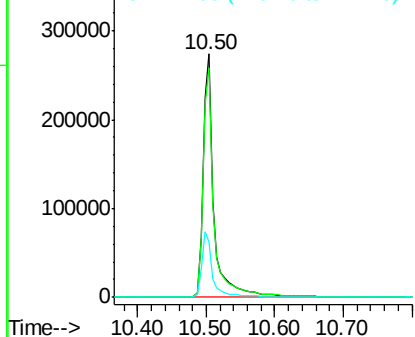
#42
 2,4,6-Tribromophenol
 Concen: 137.128 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-040819

Tgt Ion:330 Resp: 311886
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 27.3 22.7 34.1

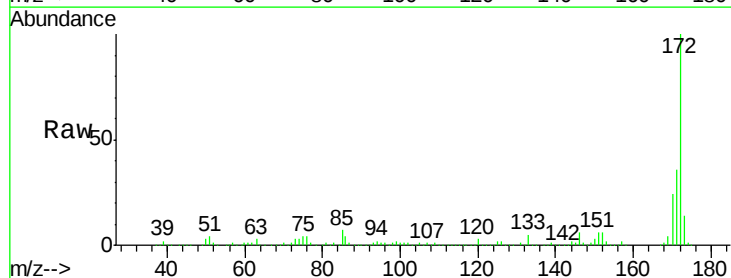


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

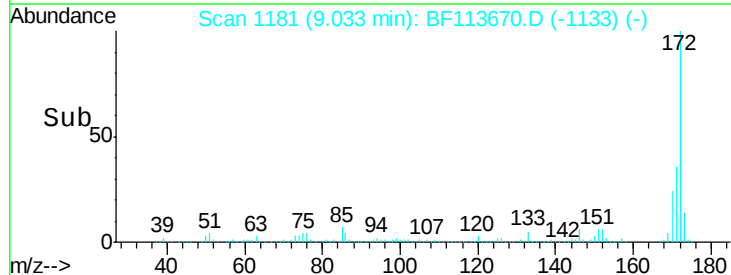
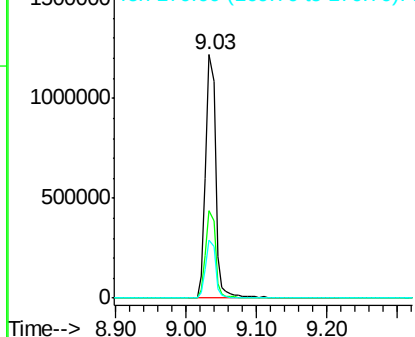


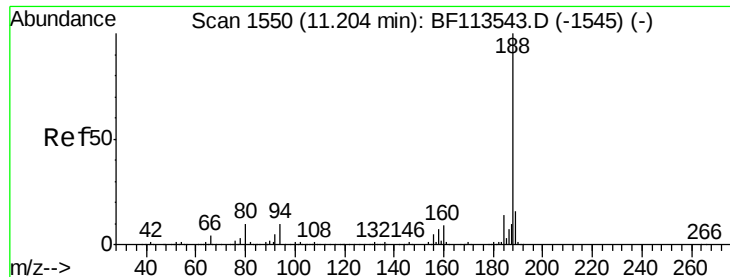
#45
 2-Fluorobiphenyl
 Concen: 103.015 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Tgt Ion:172 Resp: 1211562
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.1 19.5 29.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

Instrument :

BNA_F

ClientSampleId :

OK-01-040819

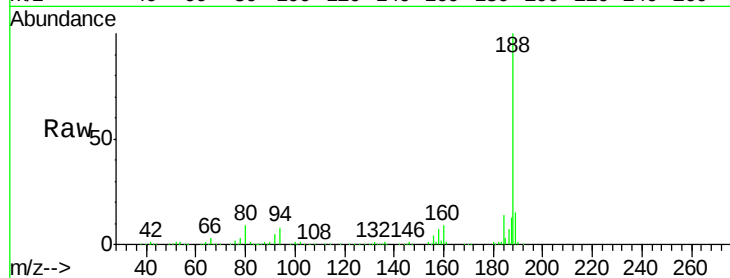
Tgt Ion:188 Resp: 348427

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

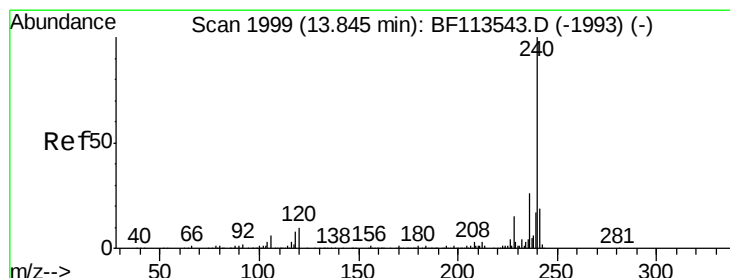
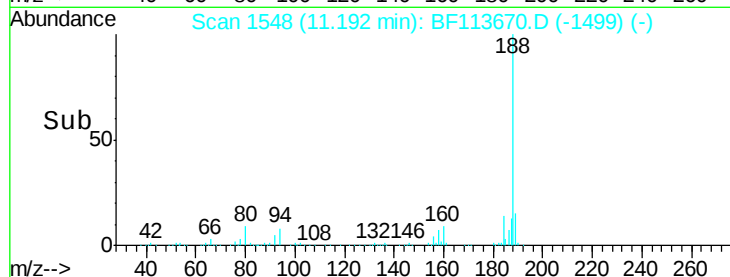
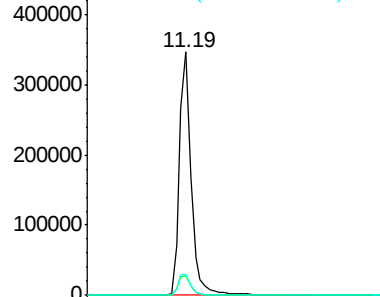
80 8.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113670.D

Acq: 9 Apr 2019 19:28

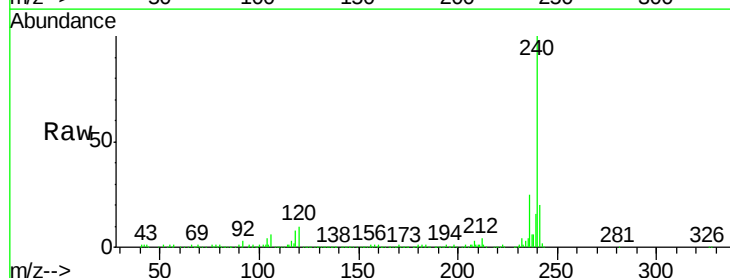
Tgt Ion:240 Resp: 319138

Ion Ratio Lower Upper

240 100

120 9.9 8.8 13.2

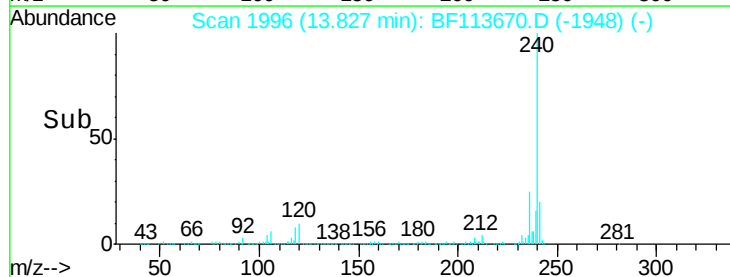
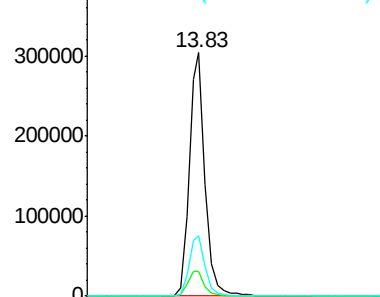
236 24.9 20.9 31.3

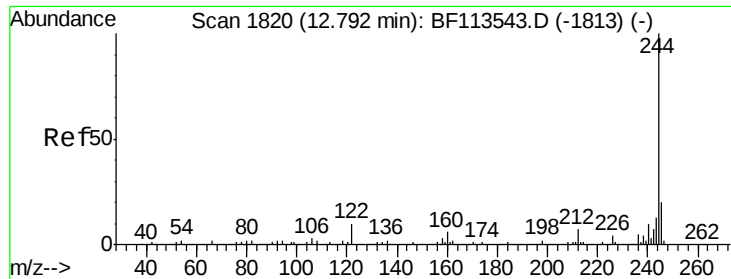


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

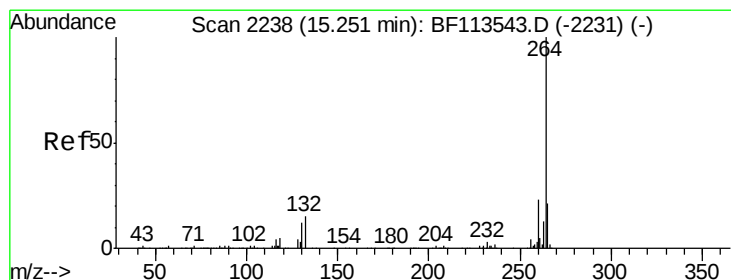
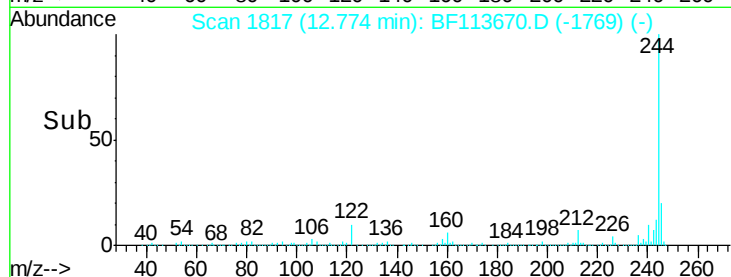
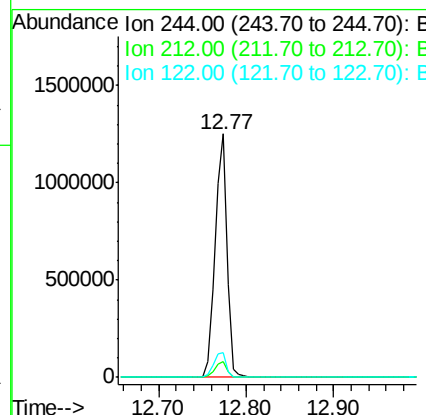
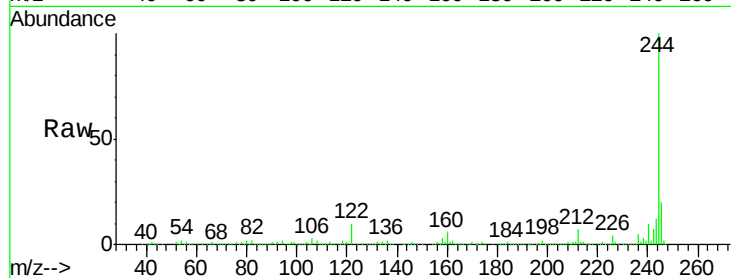




#79
 Terphenyl-d14
 Concen: 75.489 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Instrument :
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Tgt Ion:244 Resp: 1183269
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113670.D
 Acq: 9 Apr 2019 19:28

Tgt Ion:264 Resp: 298831
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.4 17.1 25.7

