

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101684.D
 Acq On : 23 Dec 2017 6:21
 Operator : SJ/JU
 Sample : I6683-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

Quant Time: Dec 24 22:45:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146355	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	574391	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	247116	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	441710	20.00	ng	0.00
75) Chrysene-d12	13.96	240	304185	20.00	ng	0.00
86) Perylene-d12	15.43	264	245849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1089491	110.89	ng	0.02
7) Phenol-d6	6.43	99	1255299	102.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	841090	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	299161	125.64	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1379766	86.61	ng	0.00
78) Terphenyl-d14	12.90	244	1199448	95.06	ng	0.00

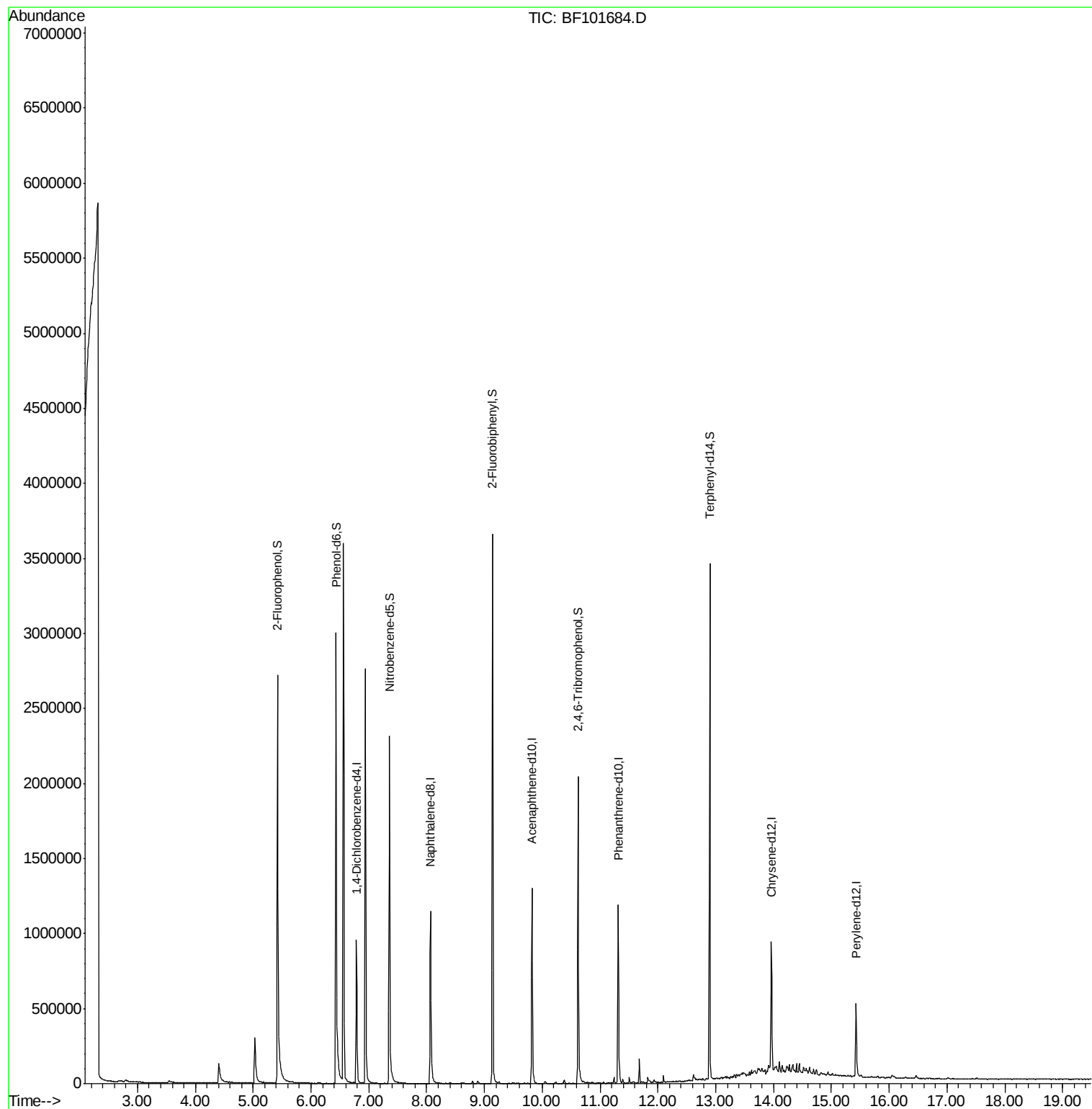
Target Compounds	Qvalue
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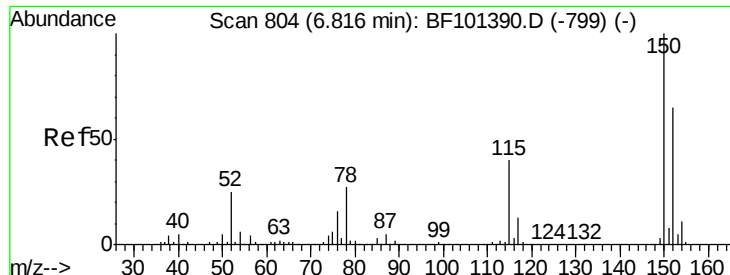
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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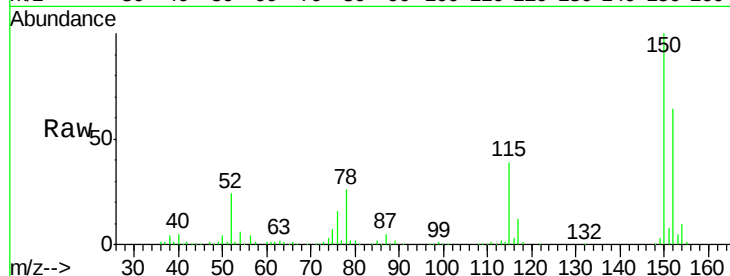




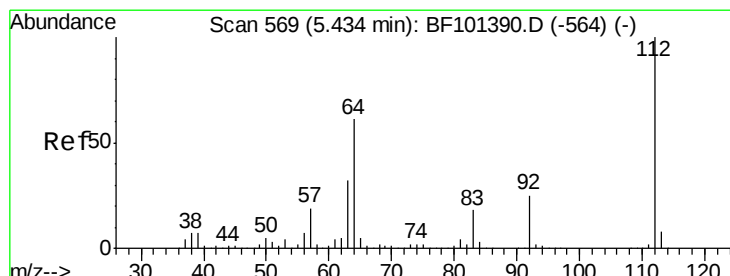
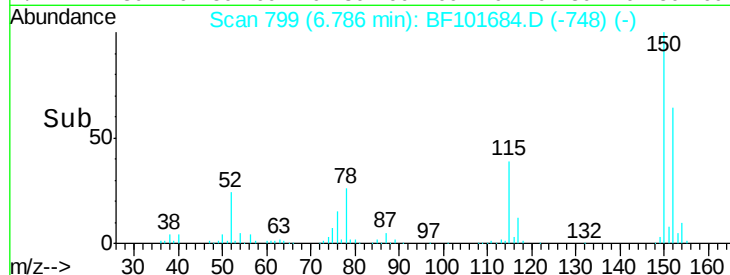
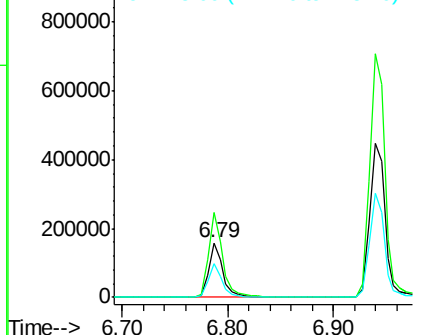
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

Tgt Ion:152 Resp: 146355
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 61.9 50.1 75.1

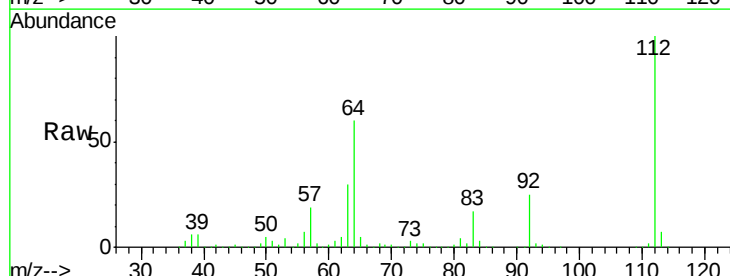


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

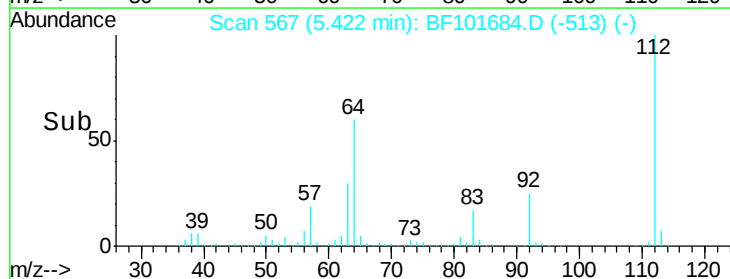
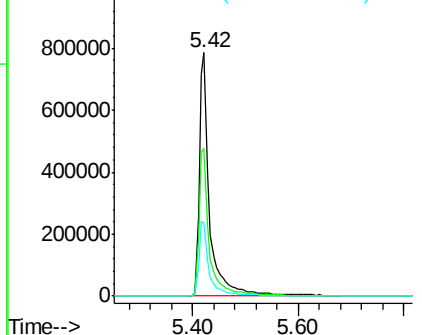


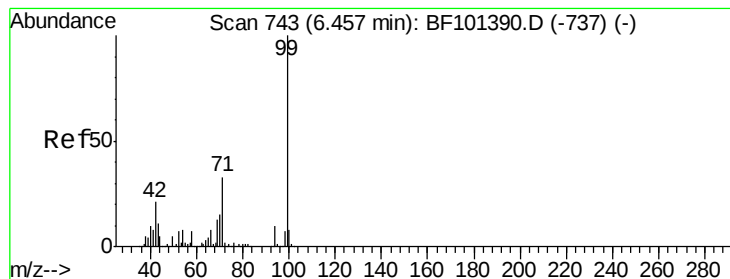
#5
 2-Fluorophenol
 Concen: 110.887 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

Tgt Ion:112 Resp: 1089491
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 30.4 23.7 35.5



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: 102.658 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

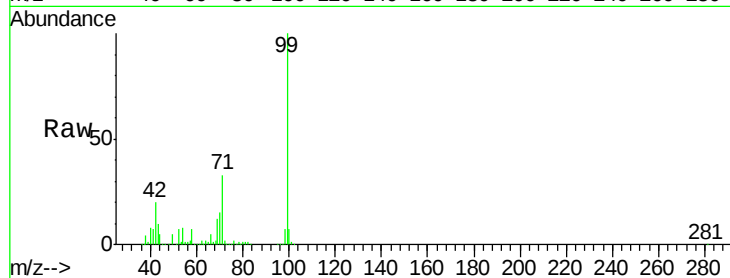
Tgt Ion: 99 Resp: 1255299

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

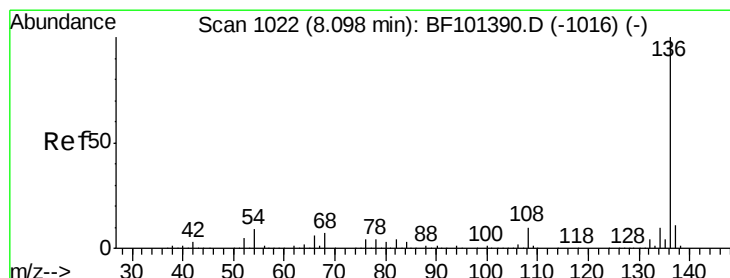
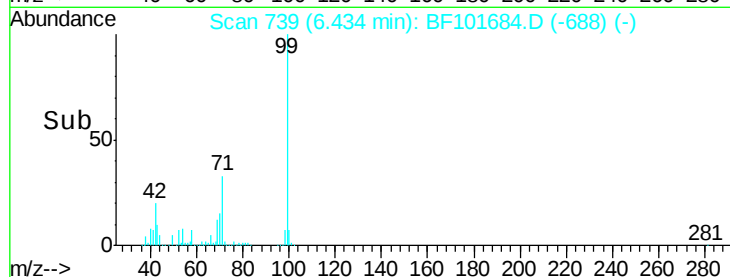
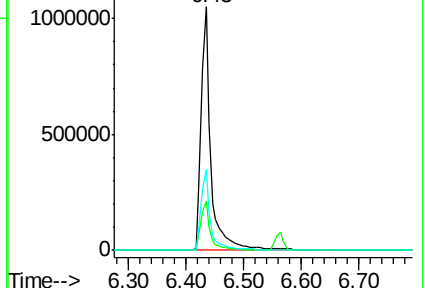
71 33.4 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

Tgt Ion: 136 Resp: 574391

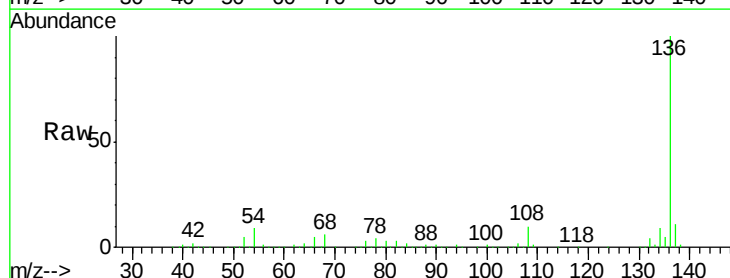
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 6.6 9.8

68 6.3 5.0 7.4

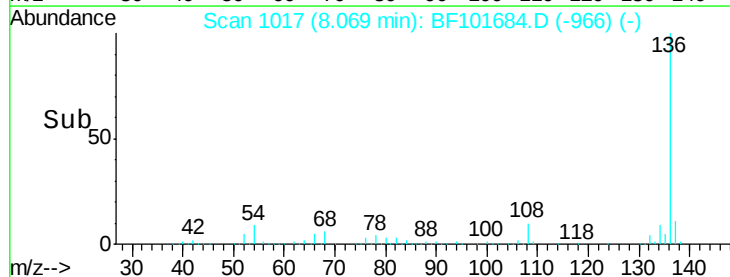
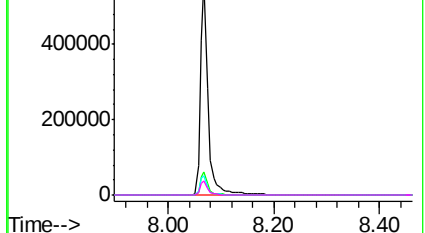


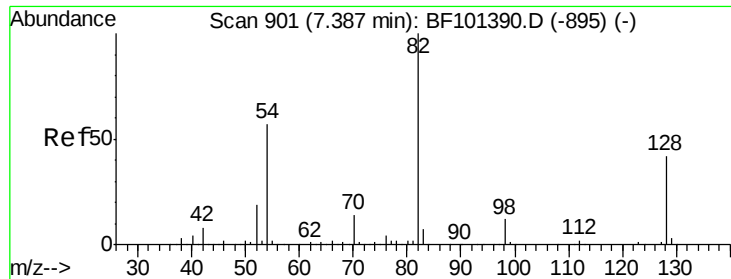
Abundance Ion 136.00 (135.70 to 136.70): E

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

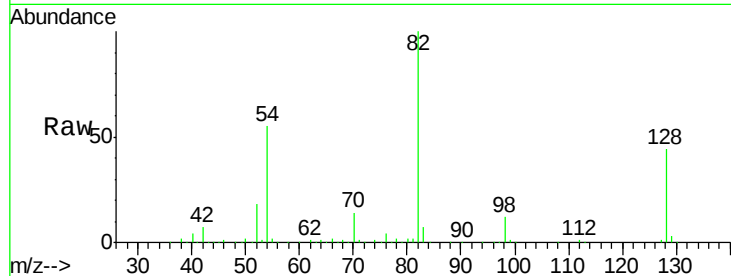




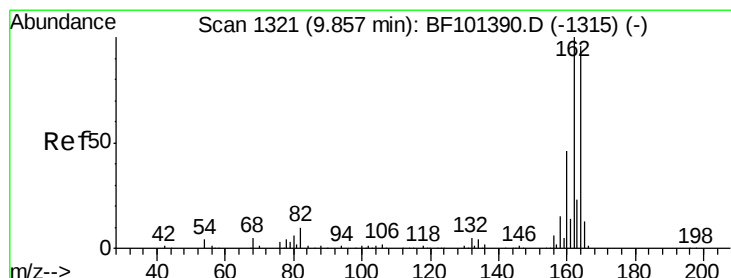
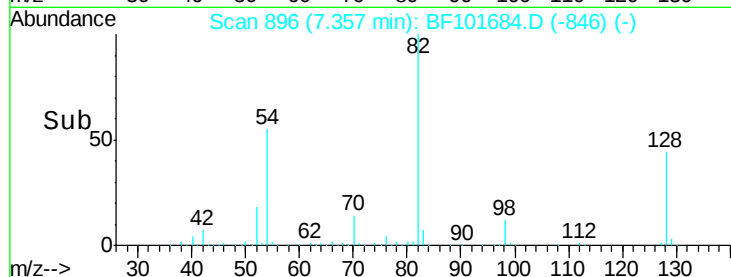
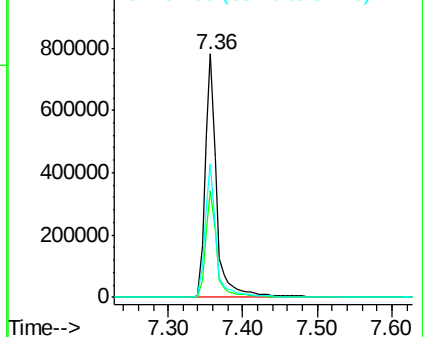
#23
 Nitrobenzene-d5
 Concen: 81.512 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

Tgt Ion: 82 Resp: 841090
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 55.1 41.4 62.2

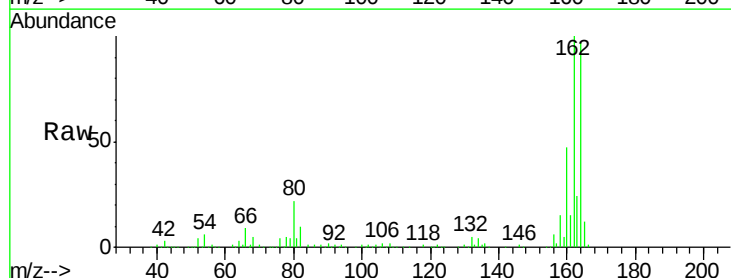


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

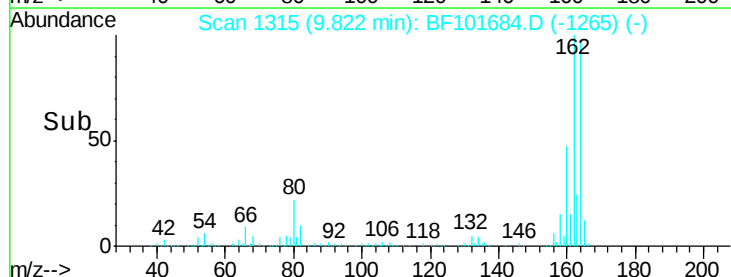
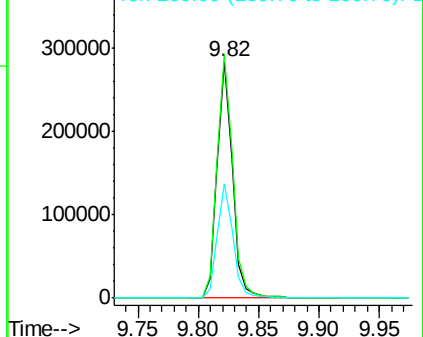


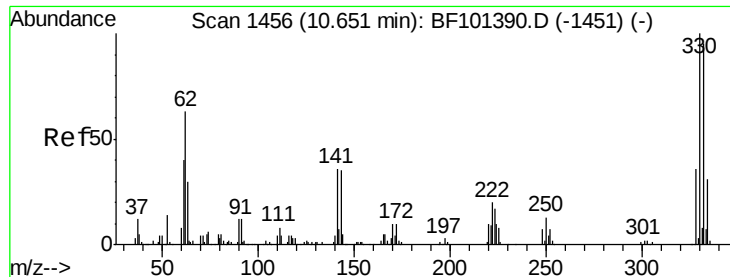
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

Tgt Ion: 164 Resp: 247116
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 48.3 38.3 57.5



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

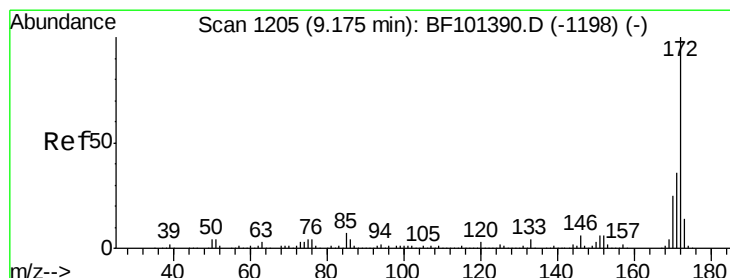
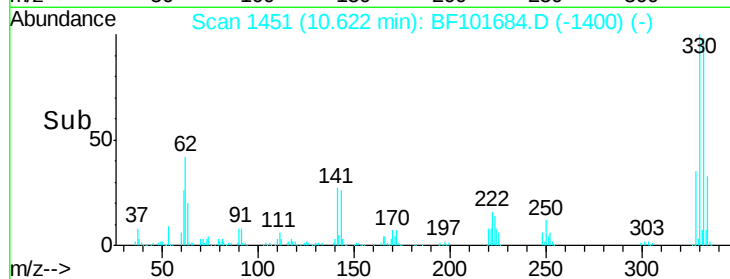
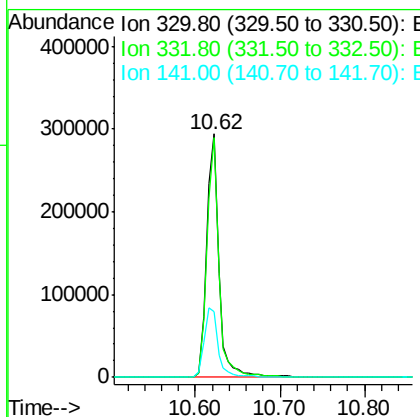
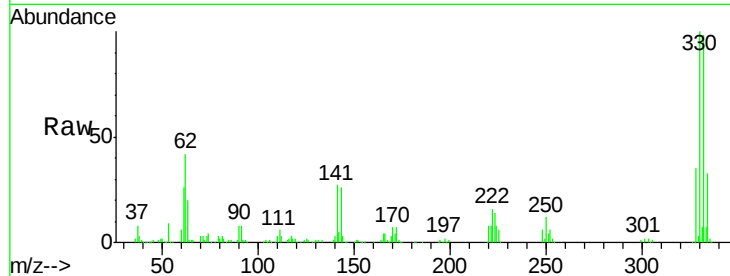




#41
 2,4,6-Tribromophenol
 Concen: 125.637 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

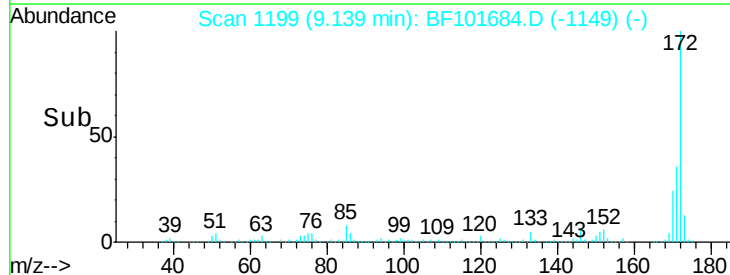
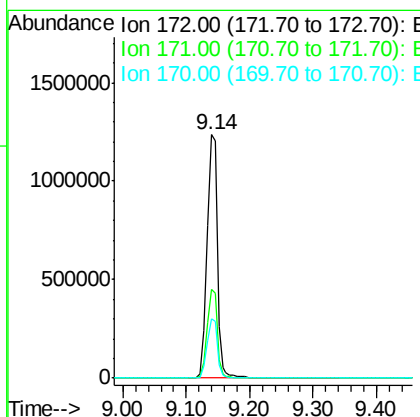
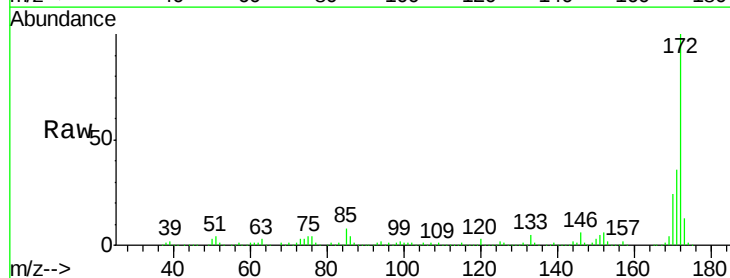
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

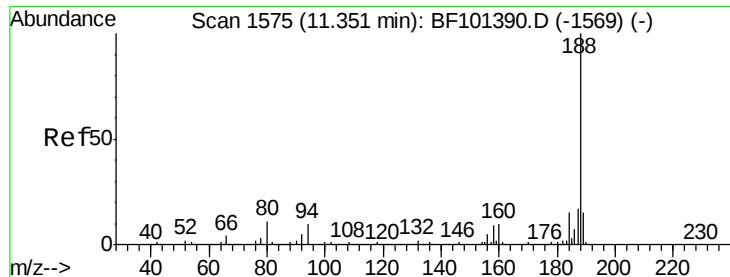
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.613 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101684.D
 Acq: 23 Dec 2017 6:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

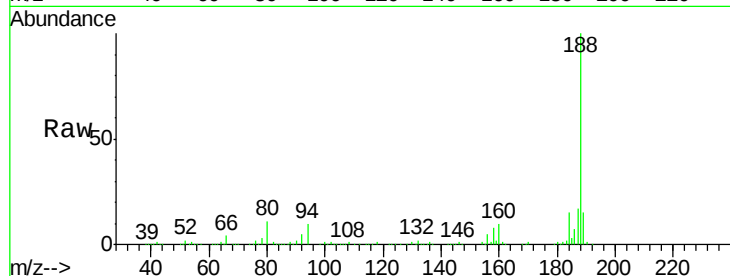
Tgt Ion:188 Resp: 441710

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

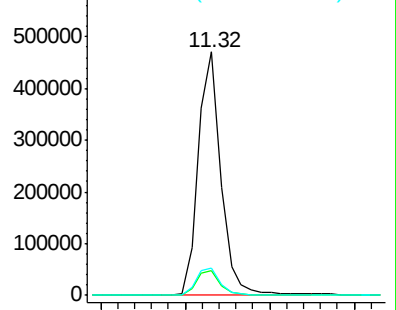
80 11.0 9.2 13.8



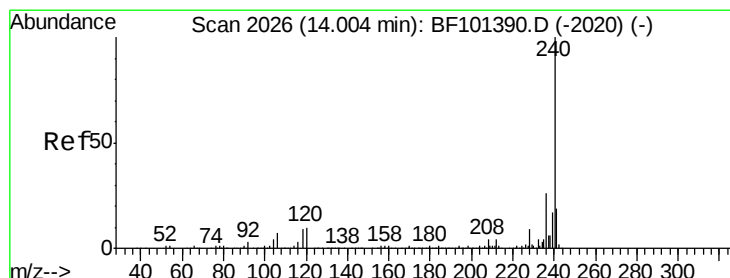
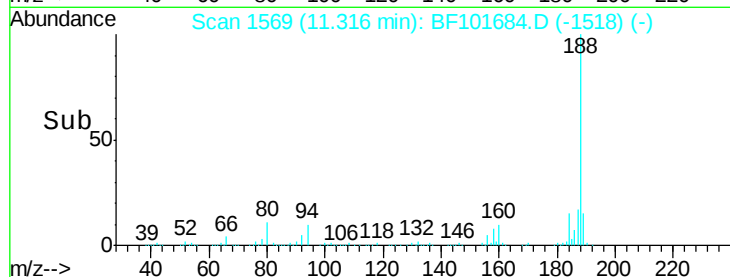
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.25 11.30 11.35 11.40



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

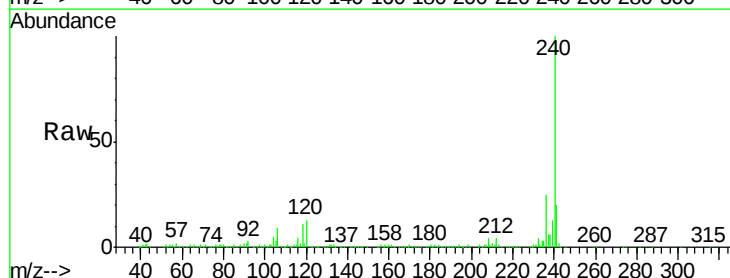
Tgt Ion:240 Resp: 304185

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

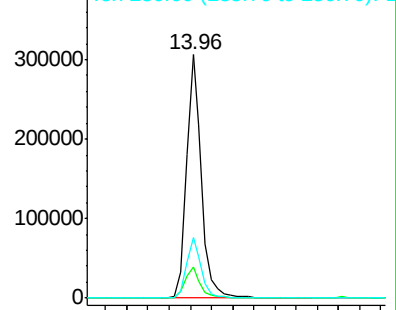
236 24.9 20.7 31.1



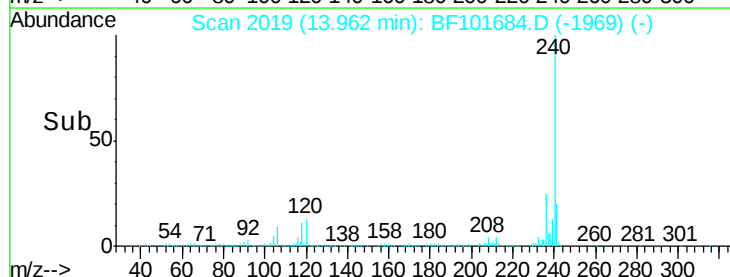
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10





#78

Terphenyl-d14

Concen: 95.060 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

Instrument :

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EO-02-122017-C

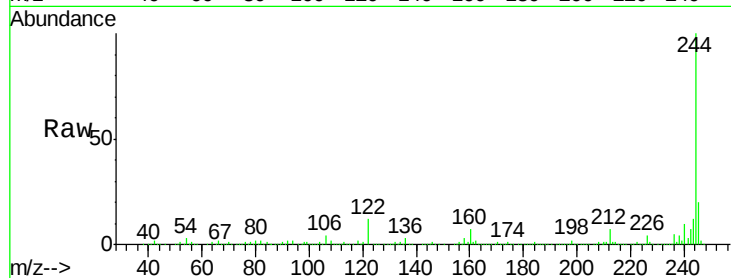
Tgt Ion:244 Resp: 1199448

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

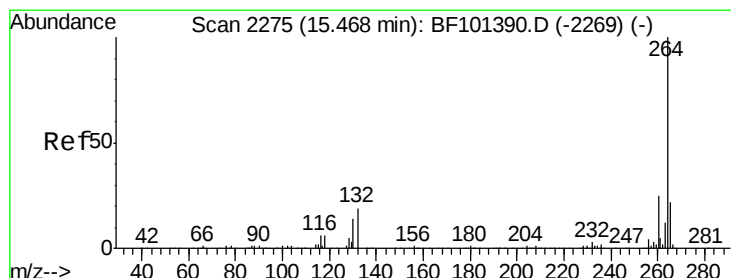
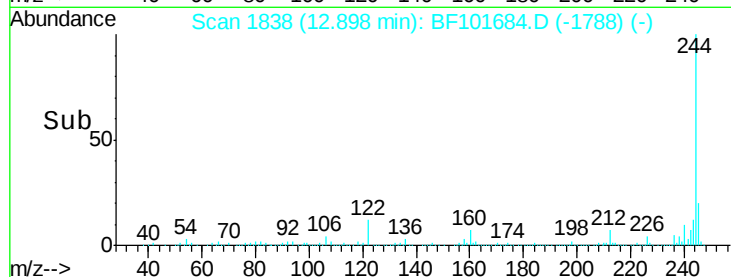
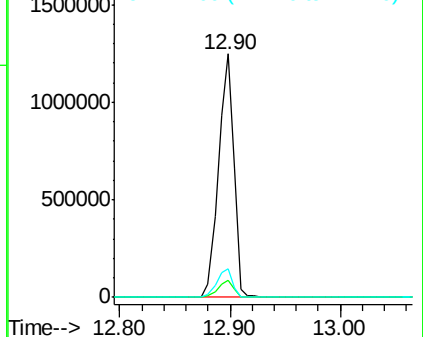
122 11.5 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101684.D

Acq: 23 Dec 2017 6:21

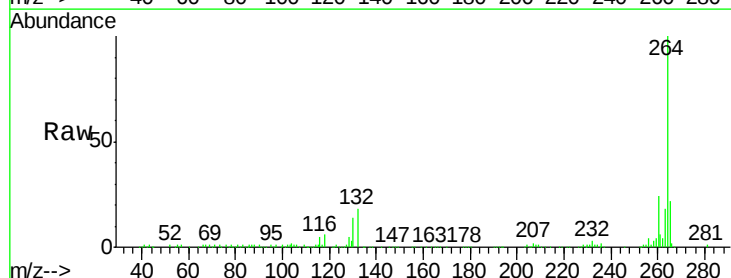
Tgt Ion:264 Resp: 245849

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.5 26.3



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

