

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101667.D
 Acq On : 22 Dec 2017 21:29
 Operator : SJ/JU
 Sample : I6677-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Quant Time: Dec 23 00:05:02 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	138427	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	527607	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	202744	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	315086	20.00	ng	0.00
75) Chrysene-d12	13.96	240	297400	20.00	ng	0.00
86) Perylene-d12	15.43	264	309181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	91322	9.83	ng	0.02
7) Phenol-d6	6.45	99	113368	9.80	ng	0.01
23) Nitrobenzene-d5	7.36	82	67708	7.14	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	15828	8.10	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	122149	9.35	ng	0.00
78) Terphenyl-d14	12.89	244	88931	7.21	ng	-0.01

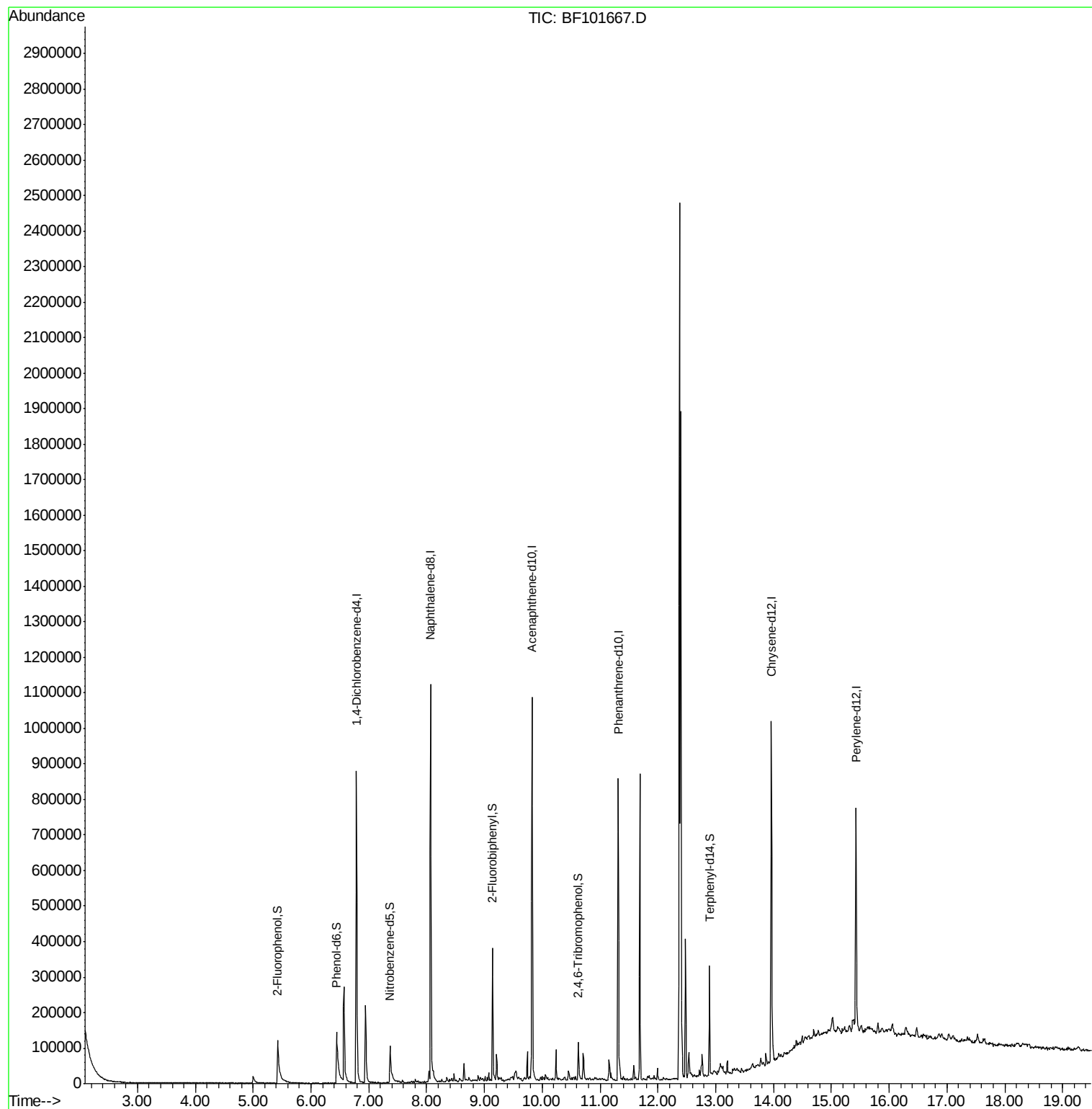
Target Compounds	Qvalue
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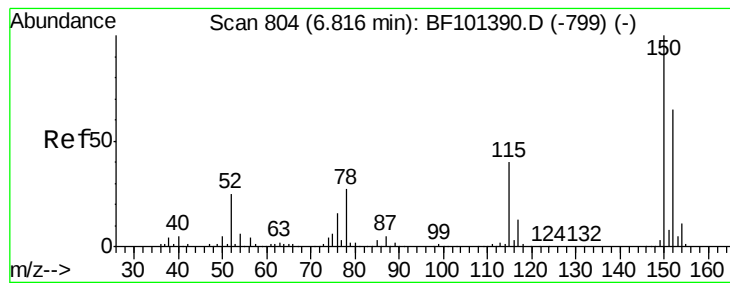
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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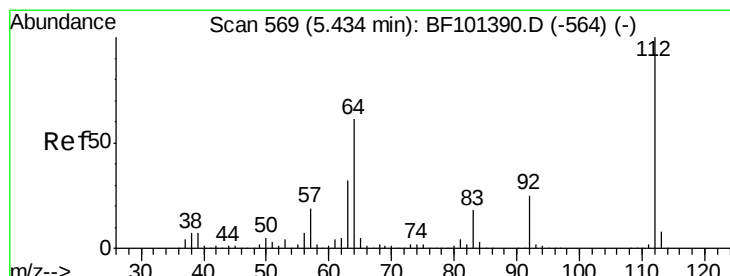
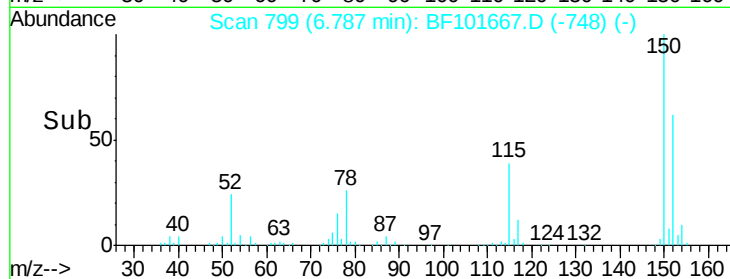
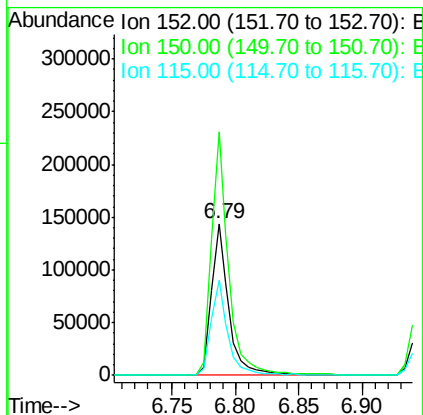
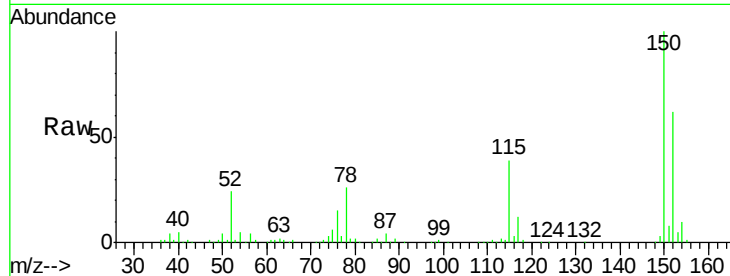


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

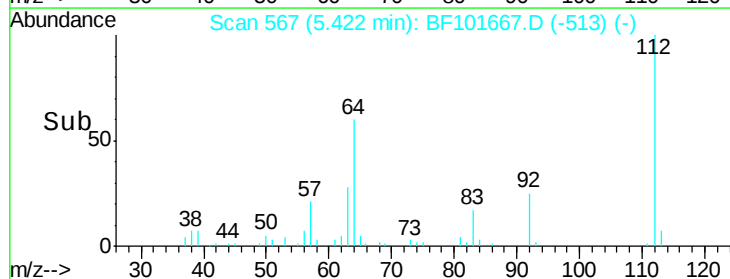
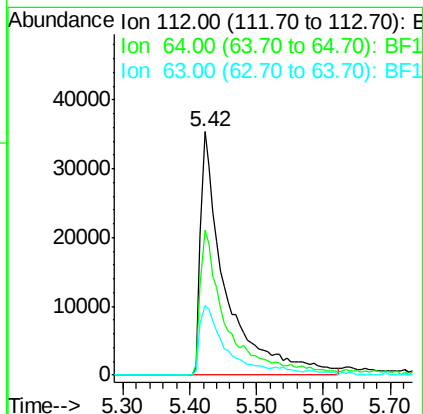
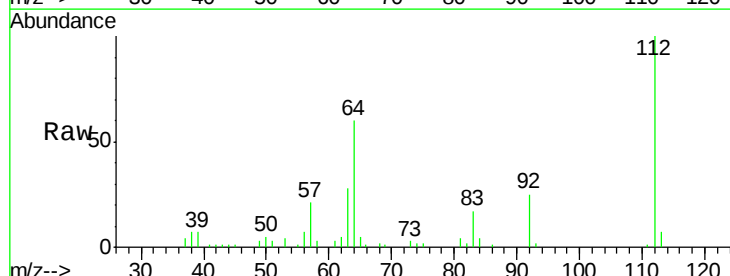
Tgt Ion:152 Resp: 138427
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 62.4 50.1 75.1

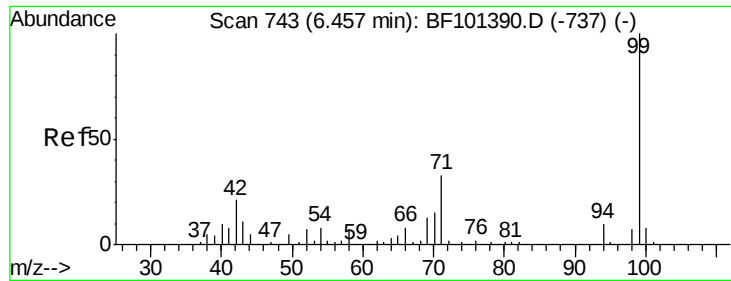


#5

2-Fluorophenol
 Concen: 9.827 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Tgt Ion:112 Resp: 91322
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 28.4 23.7 35.5





#7

Phenol-d6

Concen: 9.802 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

OR-02-122117-A

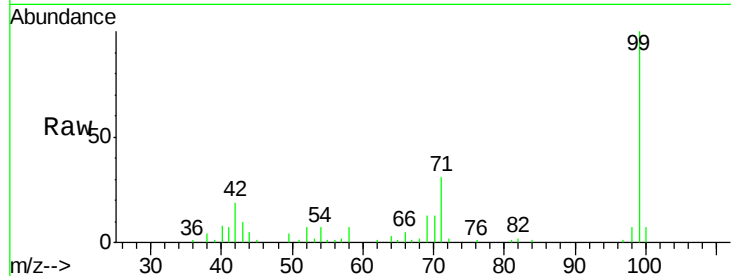
Tgt Ion: 99 Resp: 113368

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

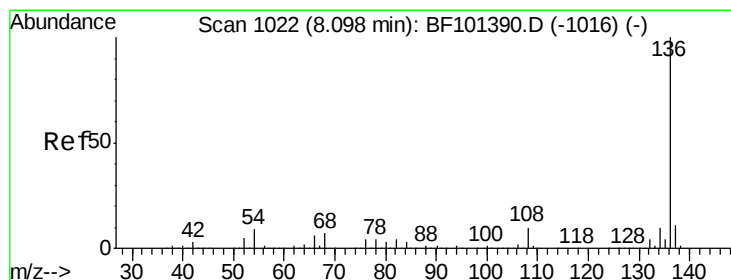
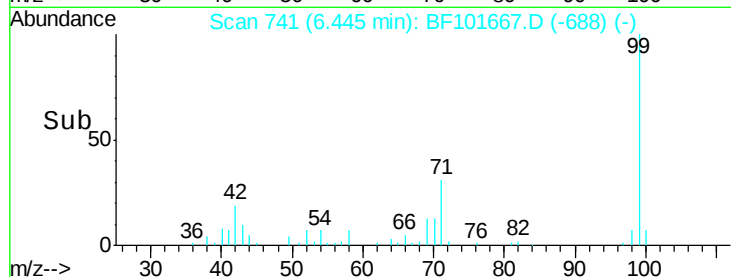
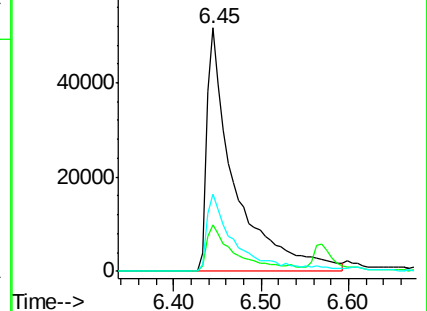
71 31.5 25.4 38.0



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: BF101667.D

Acq: 22 Dec 2017 21:29

Tgt Ion: 136 Resp: 527607

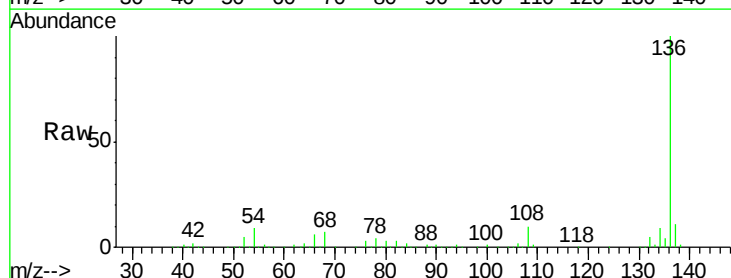
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.8 5.0 7.4

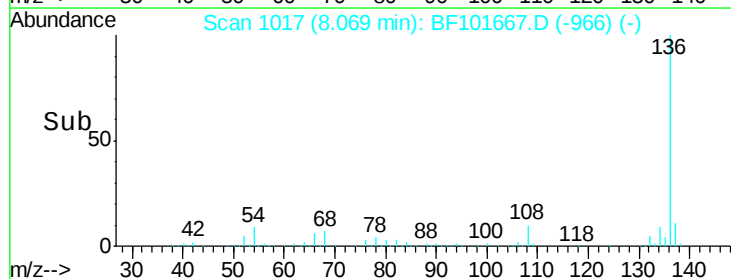
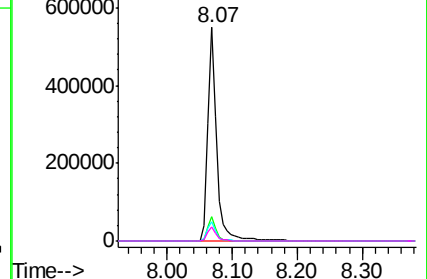


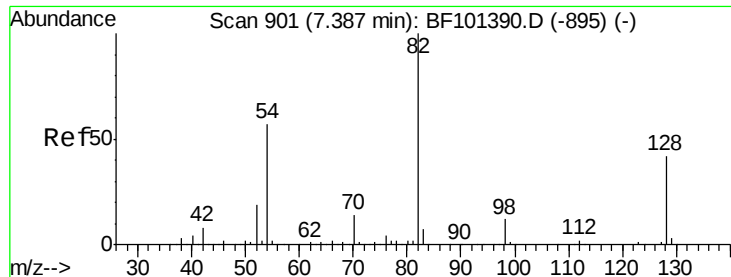
Abundance Ion 136.00 (135.70 to 136.70): E

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

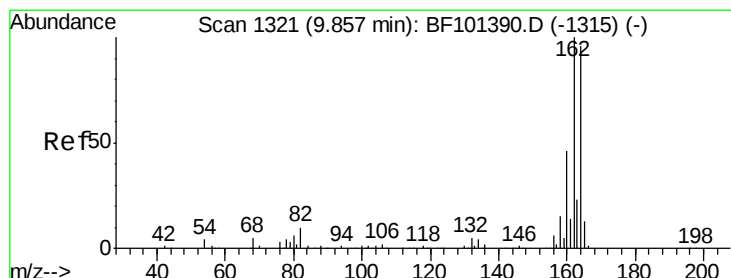
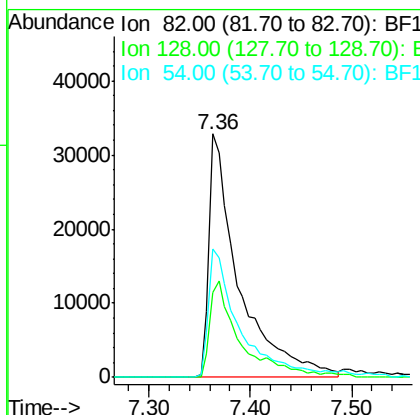
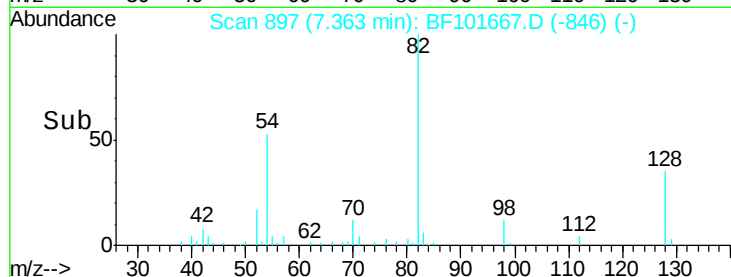
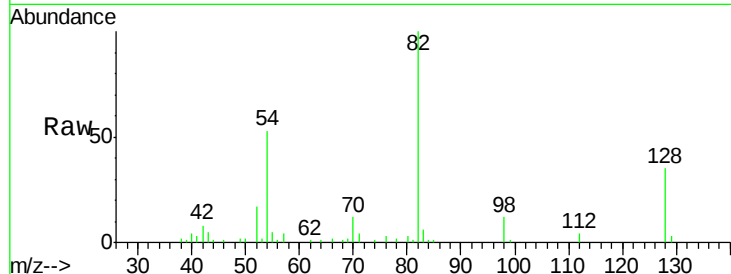




#23
Nitrobenzene-d5
Concen: 7.144 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

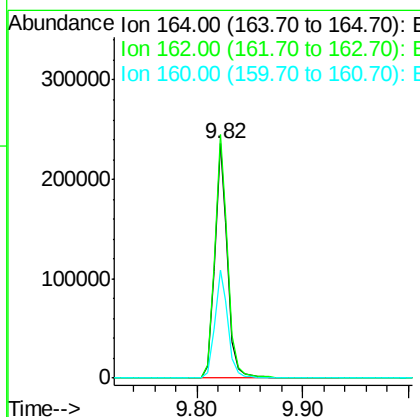
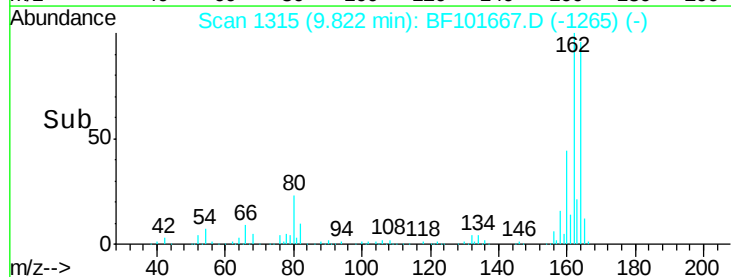
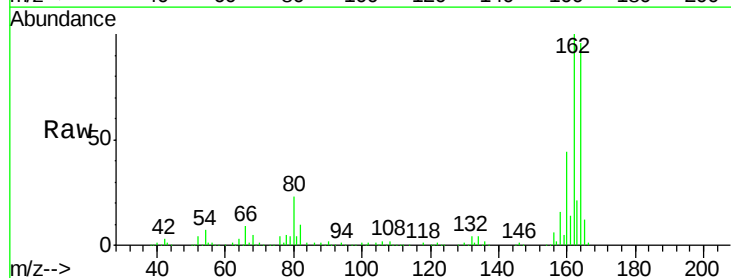
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

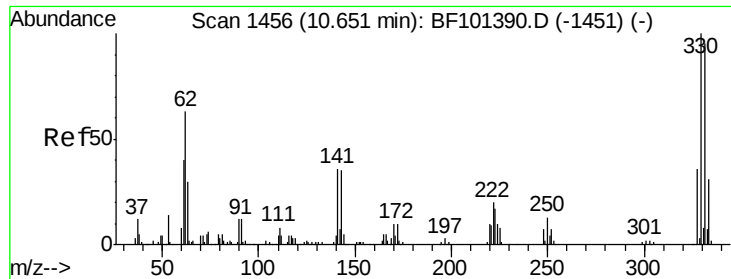
Tgt Ion: 82 Resp: 67708
Ion Ratio Lower Upper
82 100
128 34.9 36.1 54.1#
54 52.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

Tgt Ion: 164 Resp: 202744
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.0 38.3 57.5

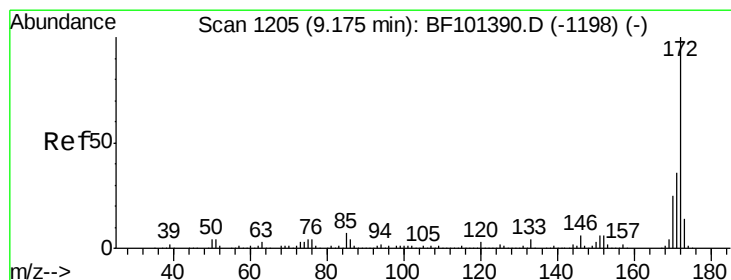
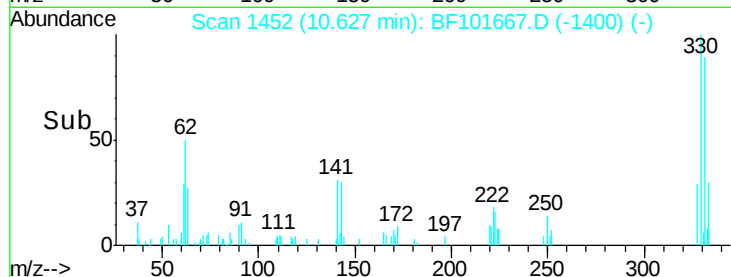
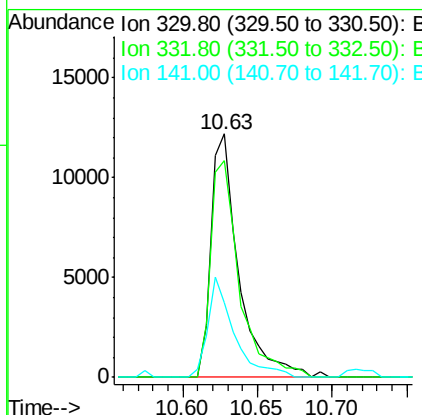
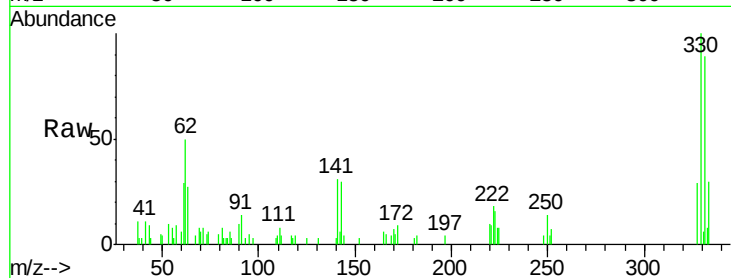




#41
 2,4,6-Tribromophenol
 Concen: 8.102 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

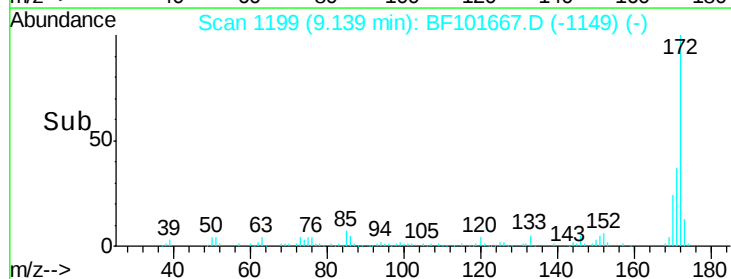
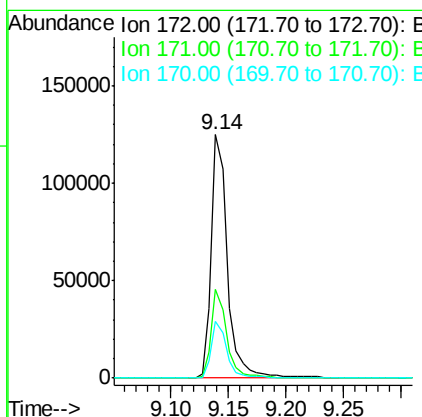
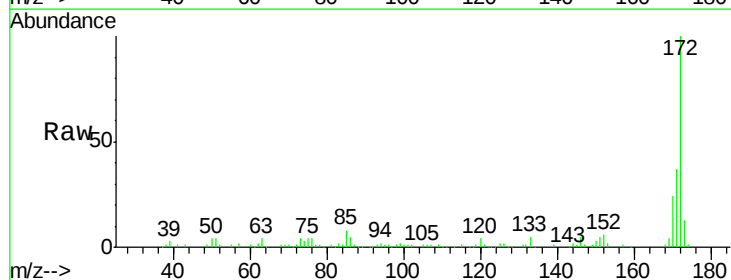
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

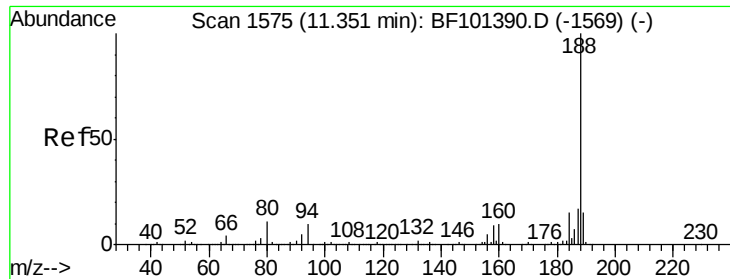
Tgt Ion: 330 Resp: 15828
 Ion Ratio Lower Upper
 330 100
 332 92.2 77.0 115.6
 141 38.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 9.346 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Tgt Ion: 172 Resp: 122149
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.6 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: BF101667.D

Acq: 22 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

OR-02-122117-A

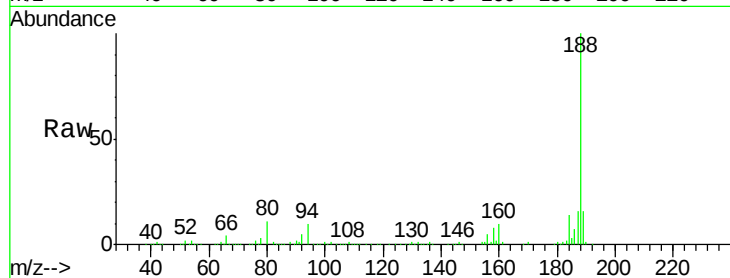
Tgt Ion:188 Resp: 315086

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

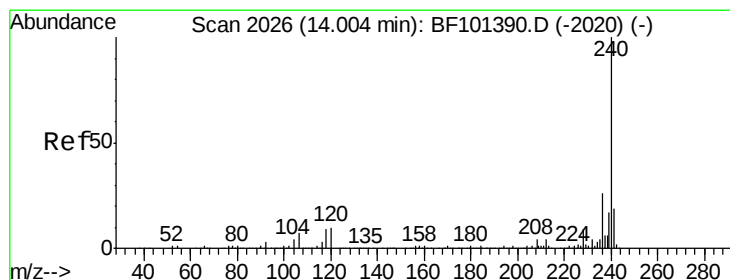
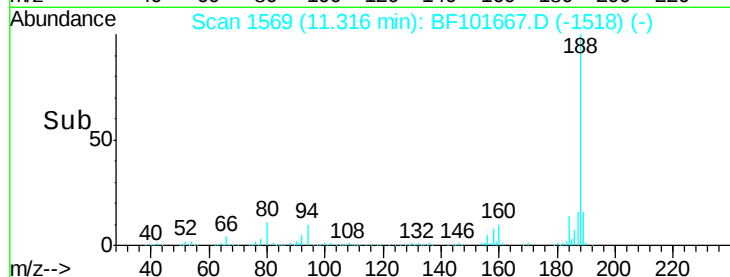
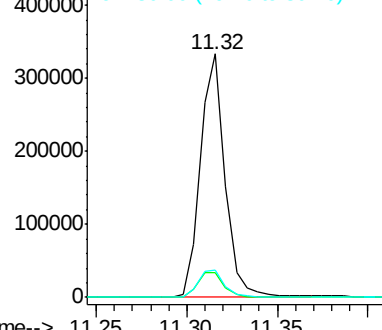
80 11.2 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

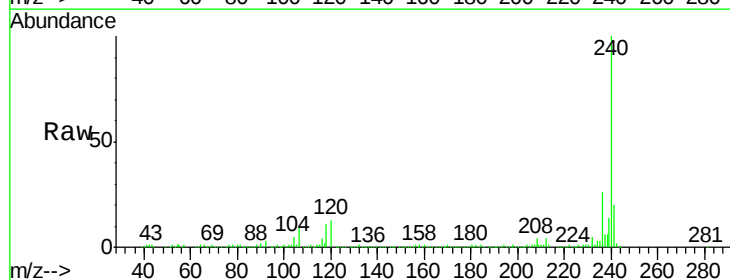
Tgt Ion:240 Resp: 297400

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

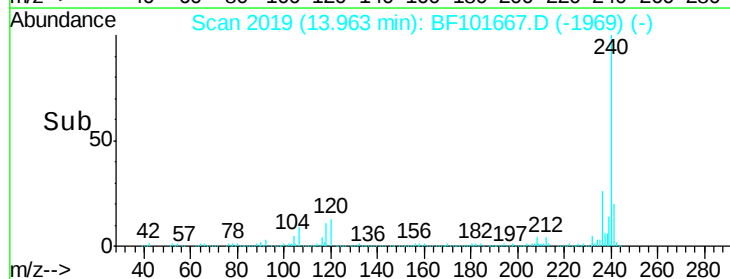
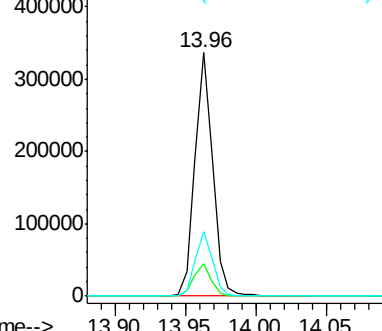
236 26.3 20.7 31.1

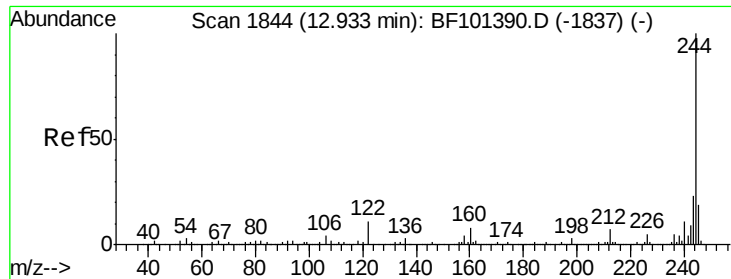


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.209 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

OR-02-122117-A

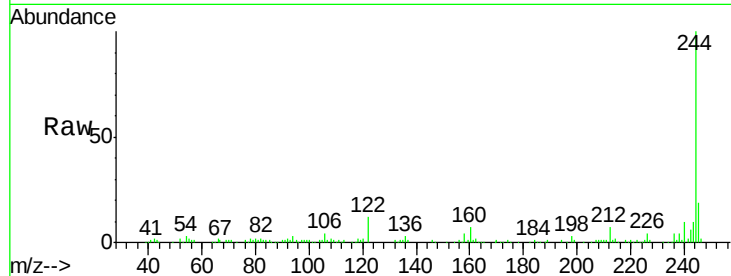
Tgt Ion:244 Resp: 88931

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

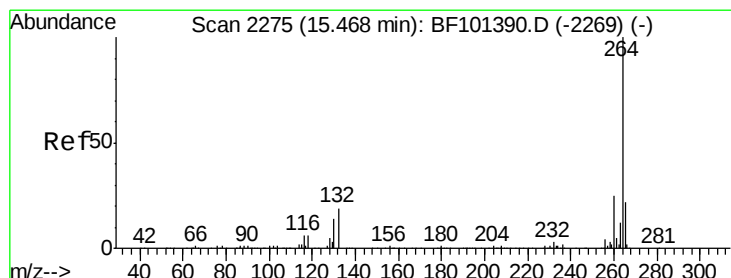
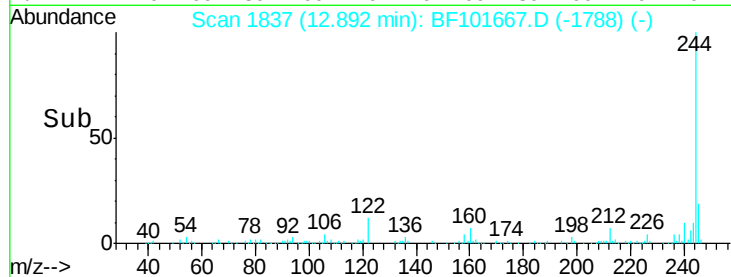
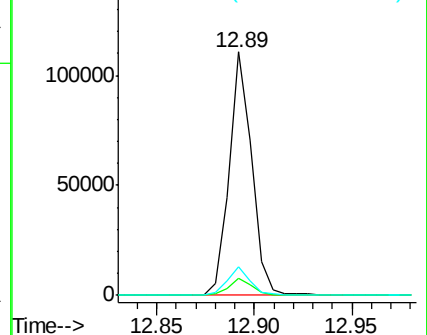
122 11.7 11.0 16.4



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: BF101667.D

Acq: 22 Dec 2017 21:29

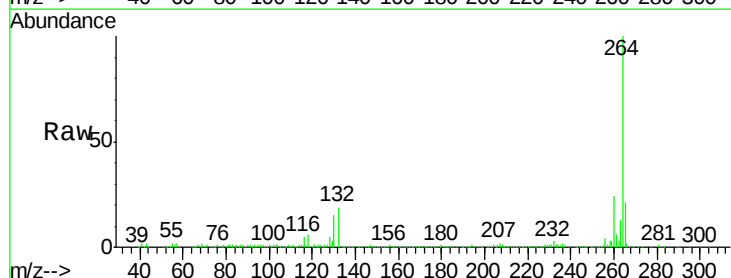
Tgt Ion:264 Resp: 309181

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 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

