

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101509.D
 Acq On : 19 Dec 2017 5:38
 Operator : SJ/JU
 Sample : I6910-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

Quant Time: Dec 19 07:14:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

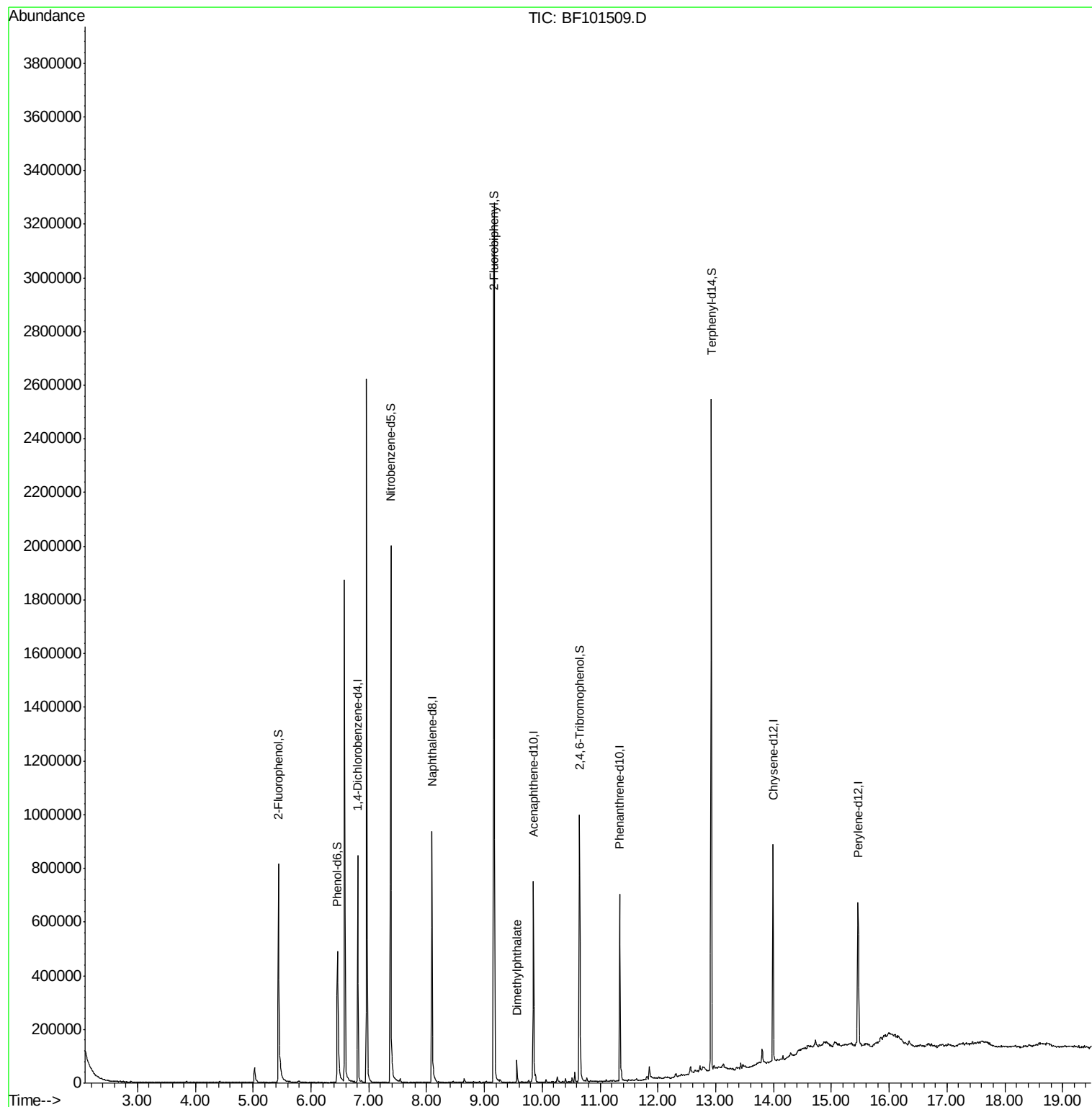
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126818	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	457936	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162636	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	260478	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291299	20.00	ng	0.00
86) Perylene-d12	15.46	264	270537	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	316021	37.12	ng	0.01
7) Phenol-d6	6.46	99	225445	21.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	689961	83.87	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	132103	84.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1123472	107.16	ng	0.00
78) Terphenyl-d14	12.92	244	868660	71.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	35031	2.678	ng	Qvalue 97

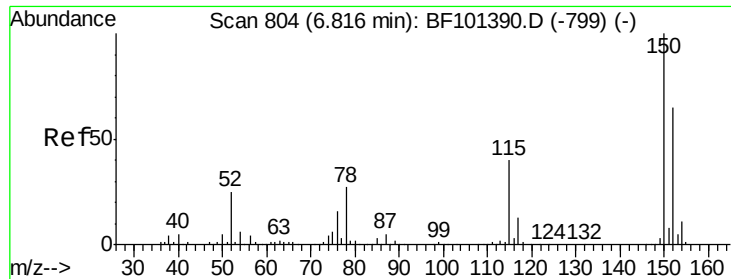
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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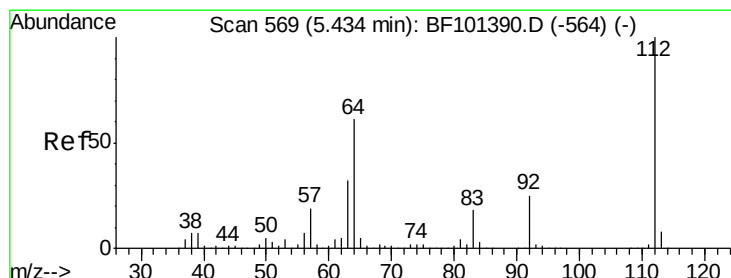
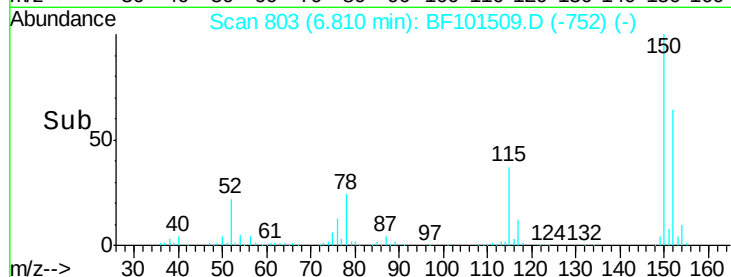
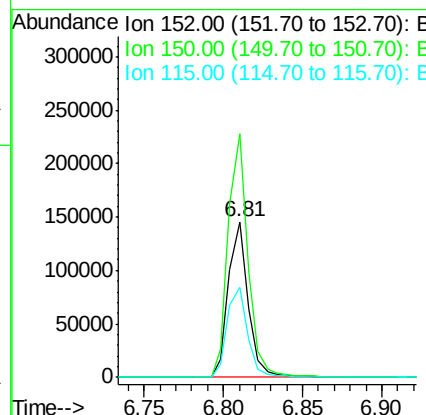
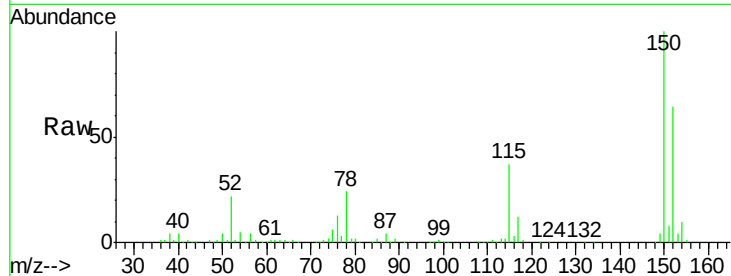




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

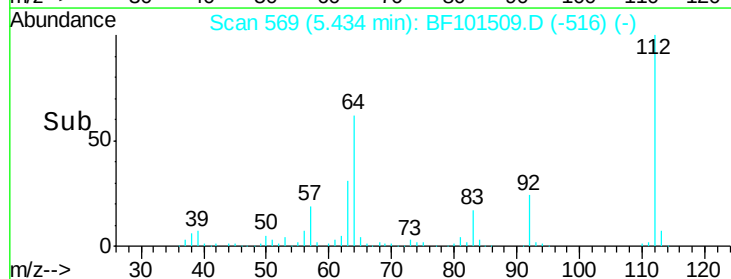
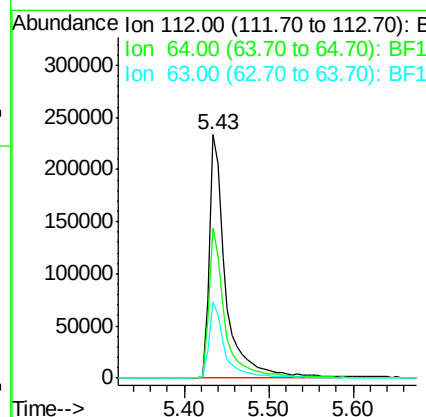
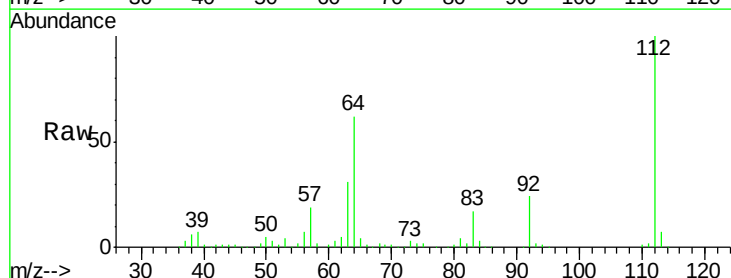
Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

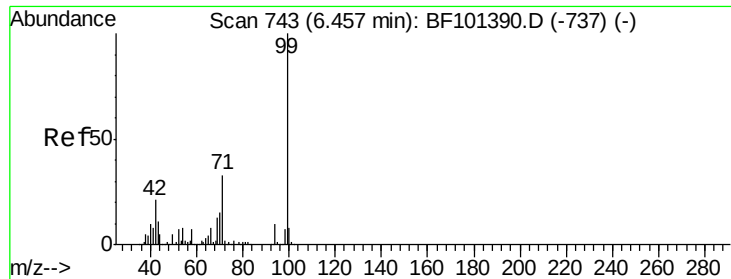
Tgt Ion:152 Resp: 126818
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 57.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 37.119 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

Tgt Ion:112 Resp: 316021
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 21.277 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

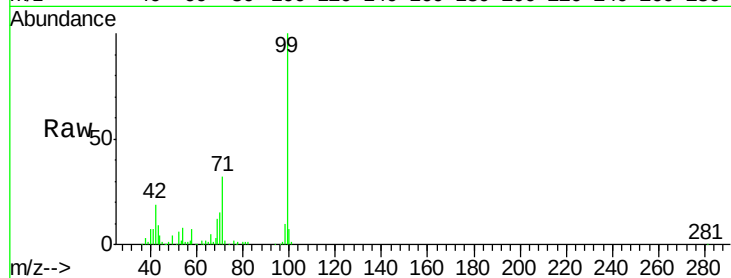
Tgt Ion: 99 Resp: 225445

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

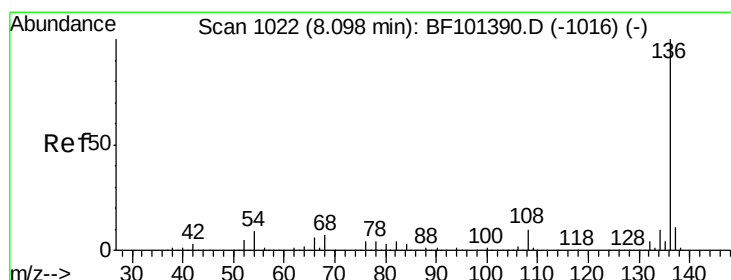
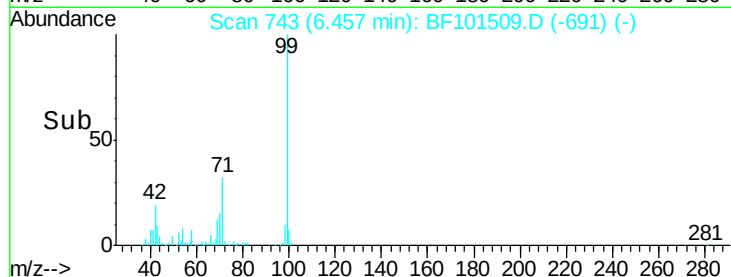
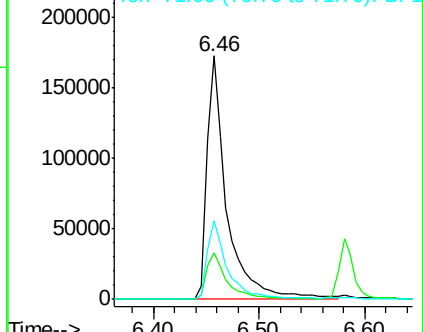
71 32.2 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Tgt Ion: 136 Resp: 457936

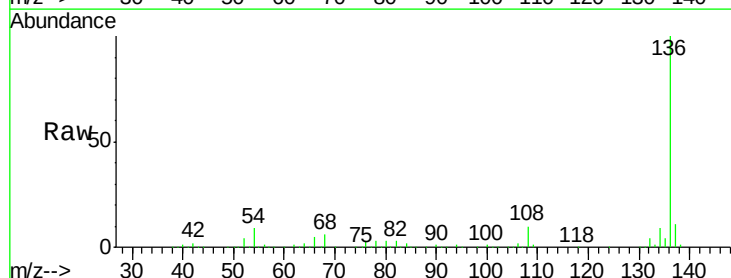
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4

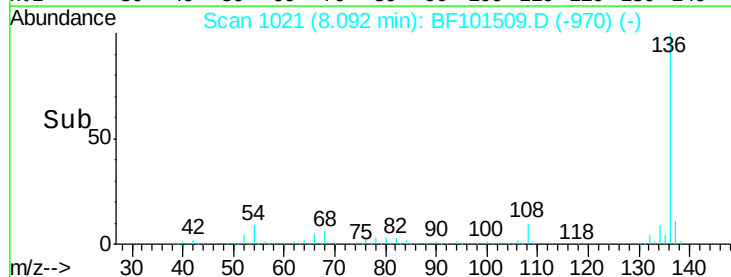
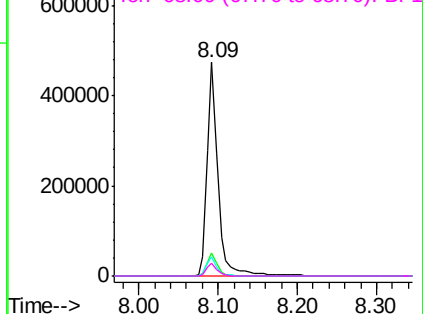


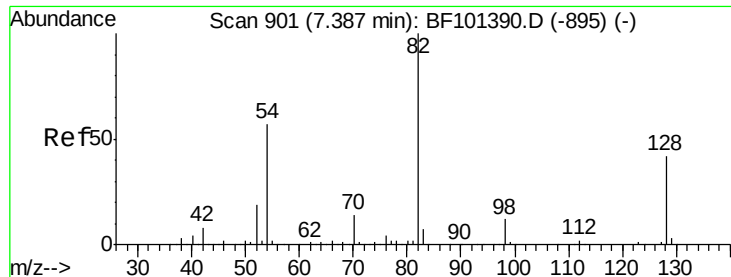
Abundance Ion 136.00 (135.70 to 136.70): E

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

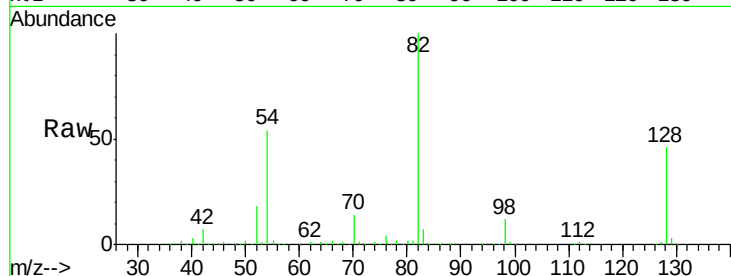




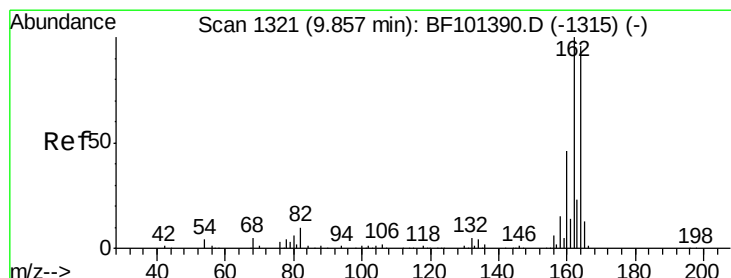
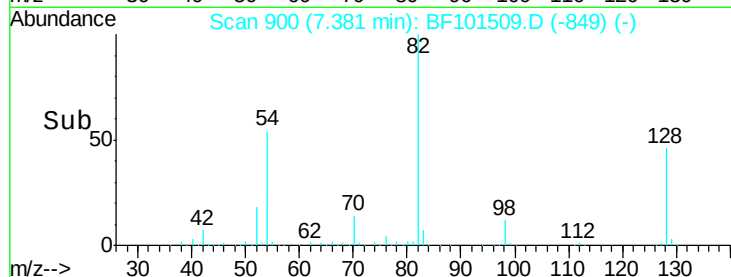
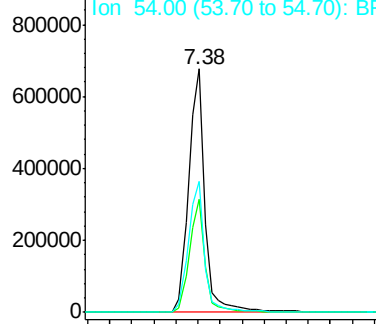
#23
Nitrobenzene-d5
Concen: 83.870 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-D-M

Tgt Ion: 82 Resp: 689961
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 53.7 41.4 62.2

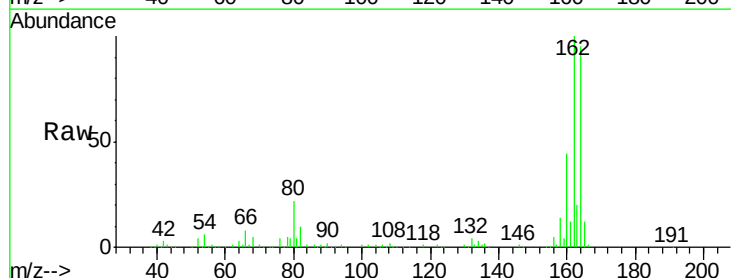


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

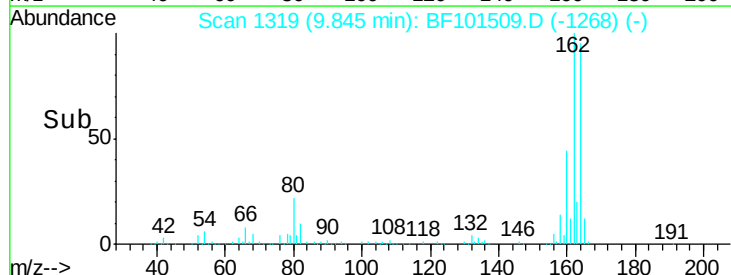
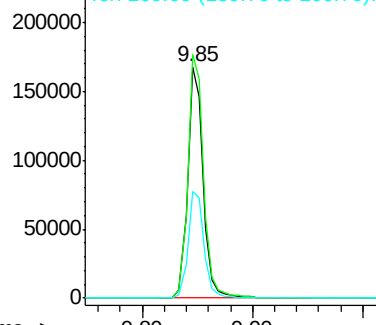


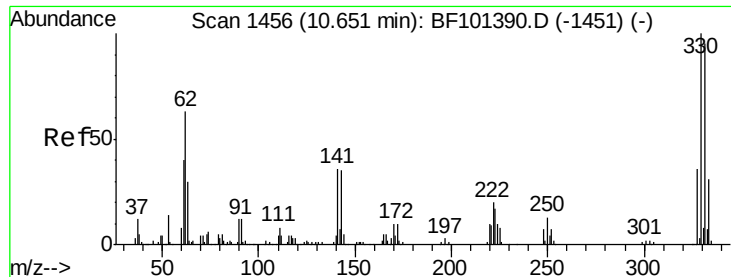
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Tgt Ion: 164 Resp: 162636
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 46.4 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

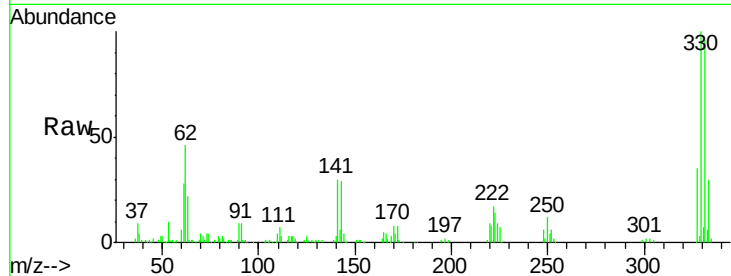




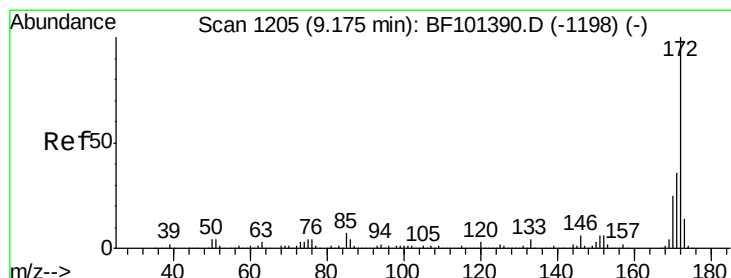
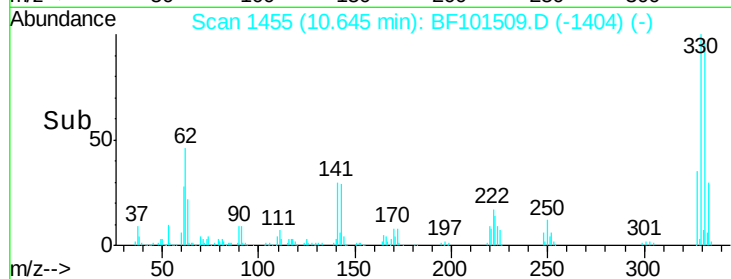
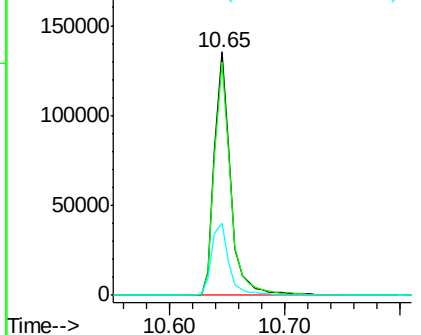
#41
 2,4,6-Tribromophenol
 Concen: 84.296 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-D-M

Tgt Ion: 330 Resp: 132103
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.1 29.9 44.9

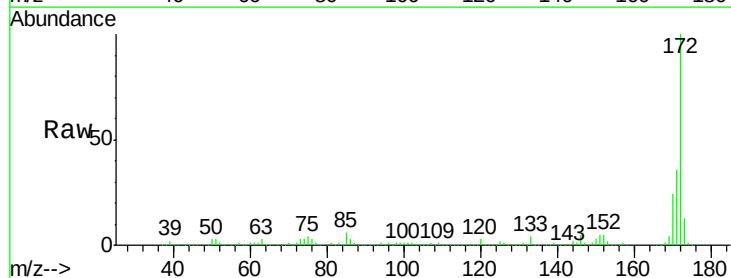


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

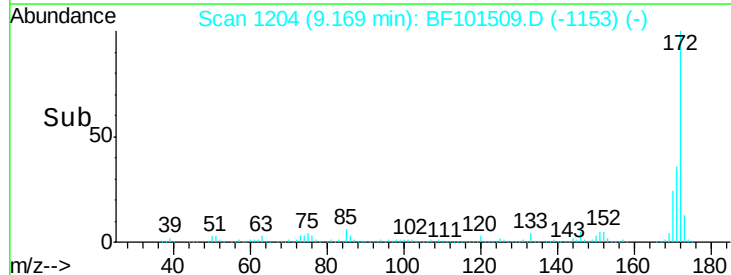
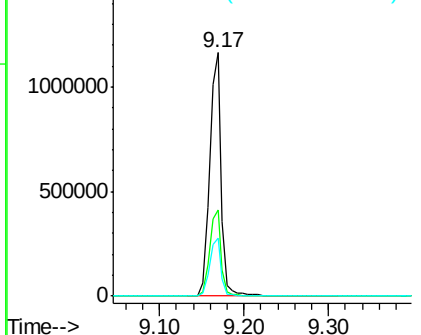


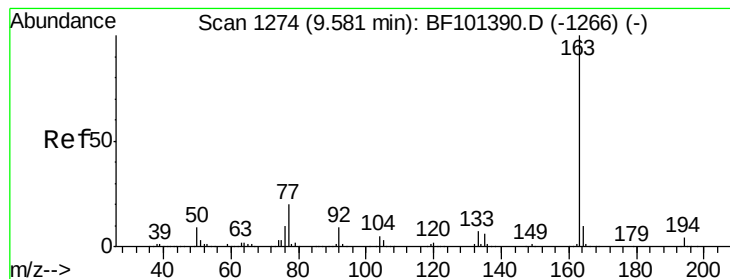
#44
 2-Fluorobiphenyl
 Concen: 107.158 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101509.D
 Acq: 19 Dec 2017 5:38

Tgt Ion: 172 Resp: 1123472
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 19.6 29.4



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





#49

Dimethylphthalate

Concen: 2.678 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

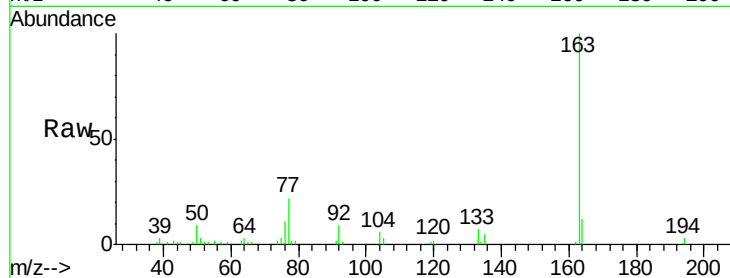
Tgt Ion:163 Resp: 35031

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

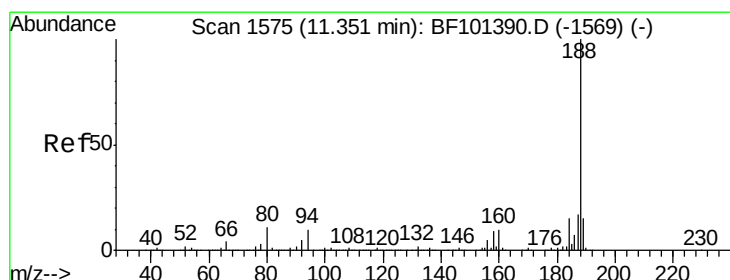
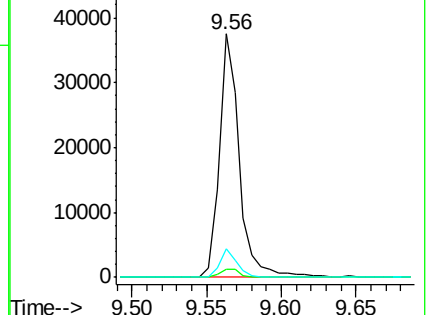
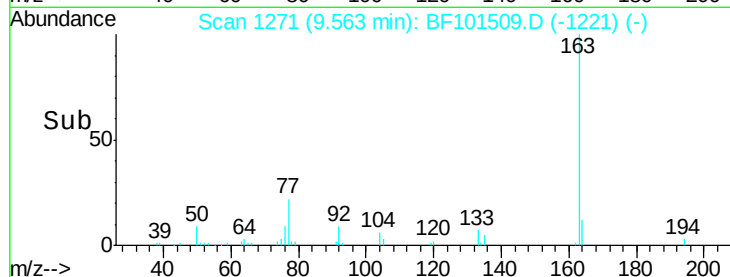
164 11.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

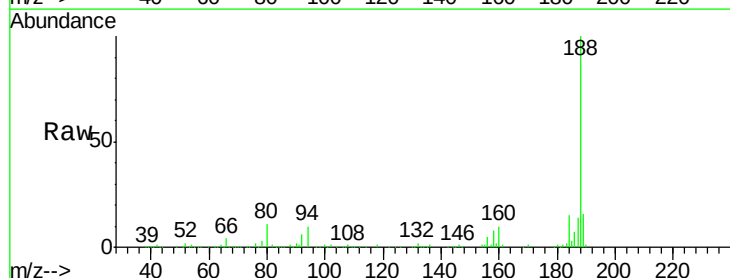
Tgt Ion:188 Resp: 260478

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

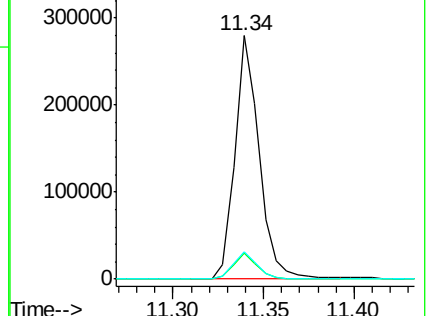
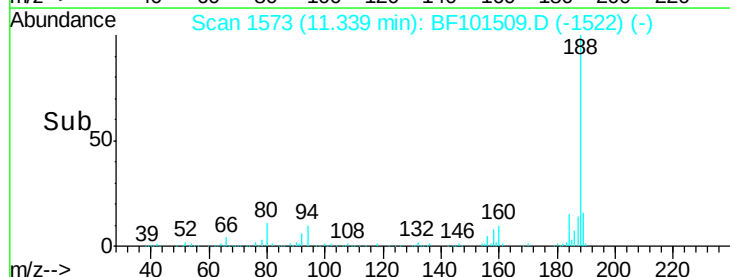
80 11.2 9.2 13.8

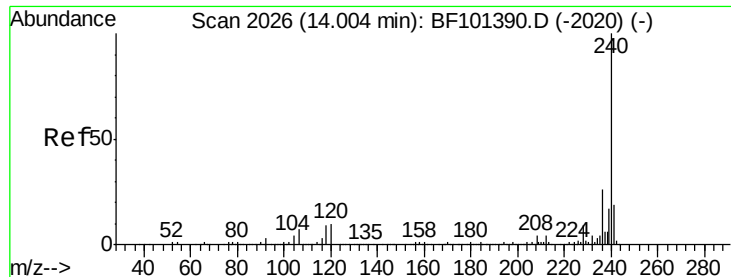


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-D-M

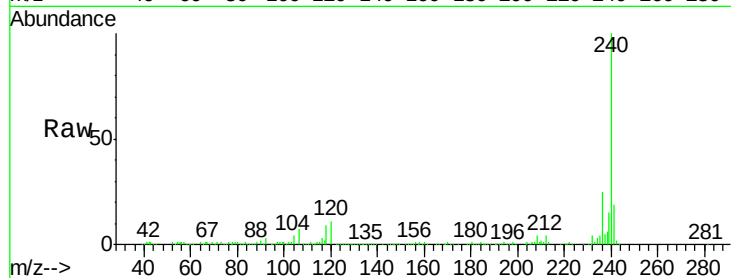
Tgt Ion:240 Resp: 291299

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

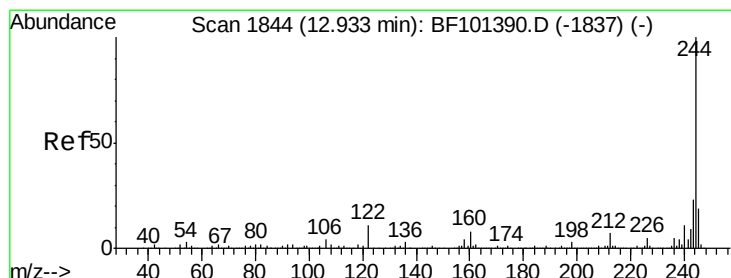
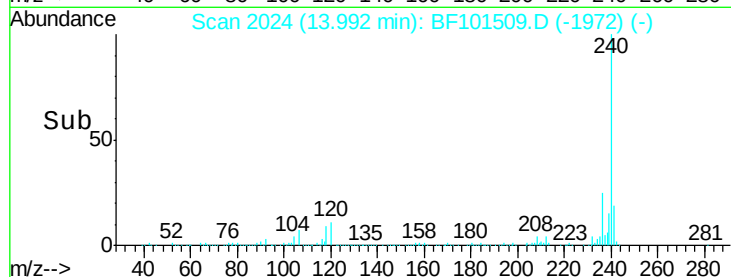
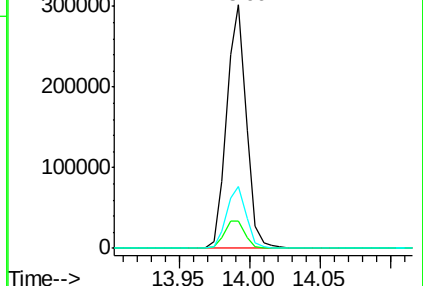
236 25.4 20.7 31.1



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: 71.890 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101509.D

Acq: 19 Dec 2017 5:38

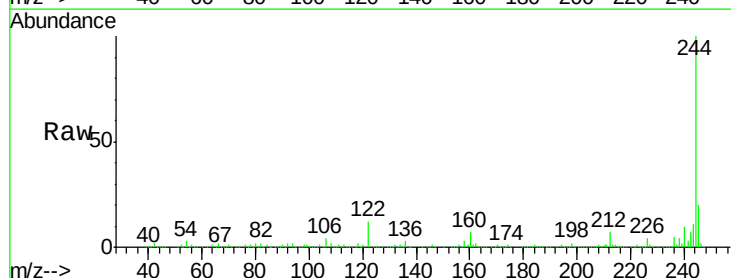
Tgt Ion:244 Resp: 868660

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

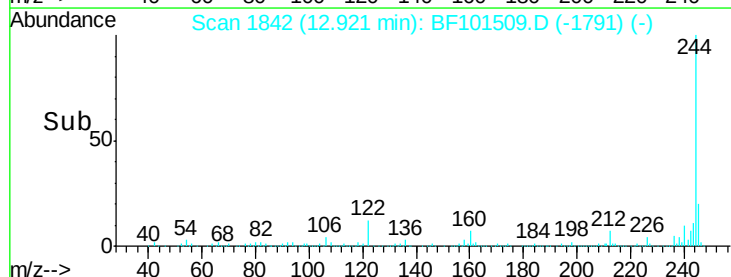
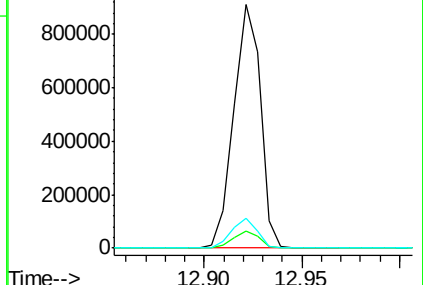
122 12.1 11.0 16.4

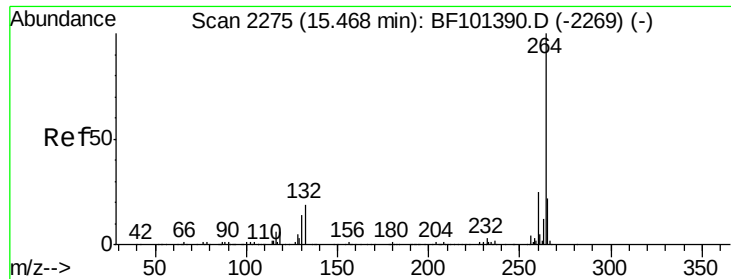


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101509.D
Acq: 19 Dec 2017 5:38

Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-D-M

Tgt Ion: 264 Resp: 270537
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.3 17.5 26.3

