

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092699.D
 Acq On : 31 Jan 2017 23:36
 Operator : SJ/MA
 Sample : I1596-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Feb 01 01:08:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

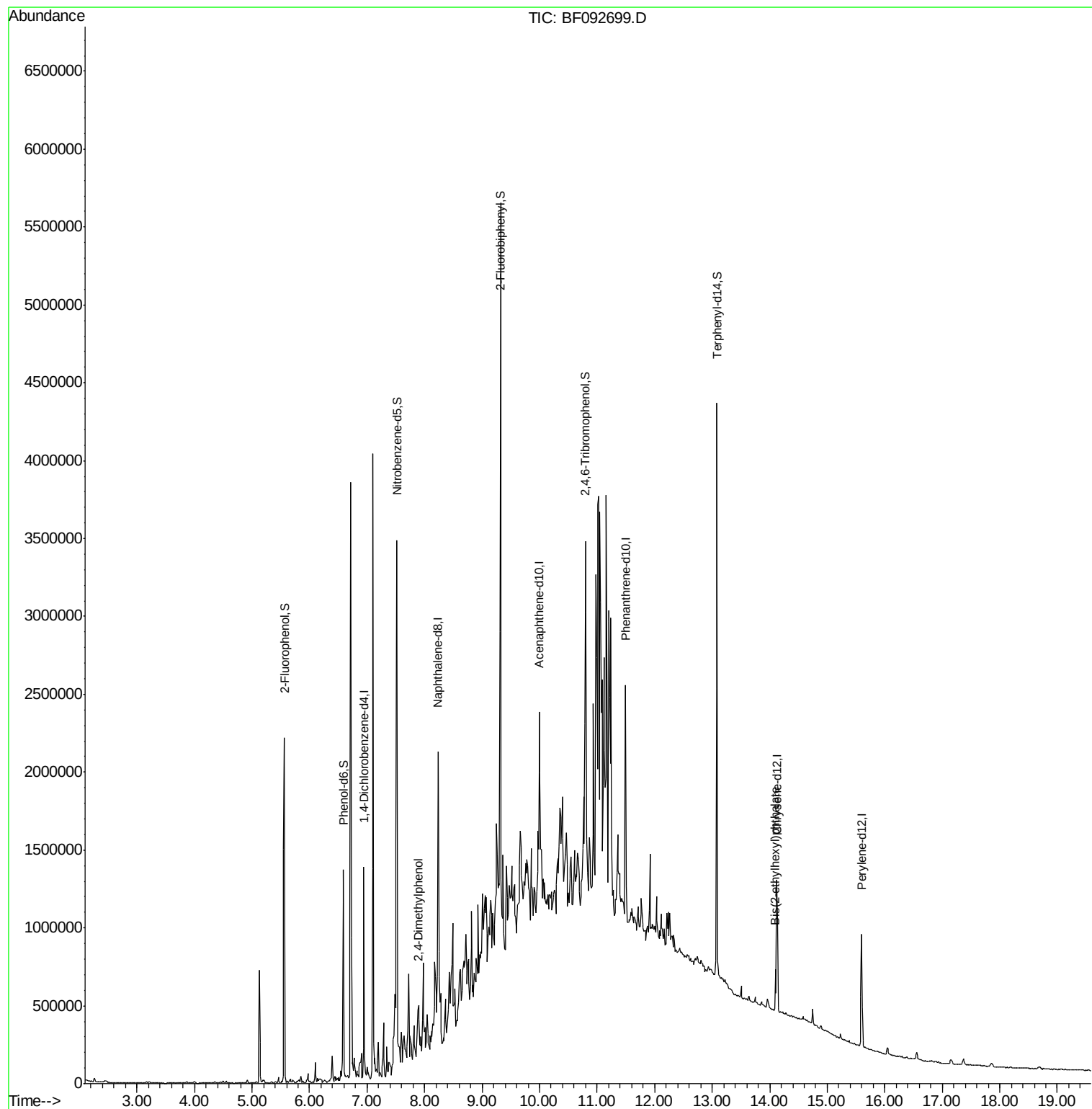
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	176032	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	686367	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	345050	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	543139	20.00	ng	0.00
75) Chrysene-d12	14.12	240	397969	20.00	ng	-0.02
86) Perylene-d12	15.60	264	331128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	738322	71.96	ng	-0.01
7) Phenol-d6	6.59	99	622791	47.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1120435	90.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	342070	137.07	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1724584	90.55	ng	-0.01
78) Terphenyl-d14	13.08	244	1362152	80.42	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.89	122	24320	2.30	ng	88
83) Bis(2-ethylhexyl)phthalate	14.10	149	74815	4.52	ng	99

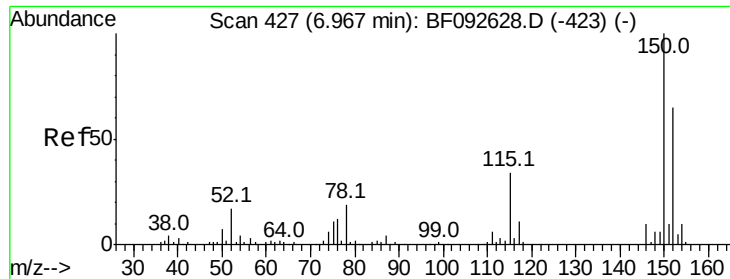
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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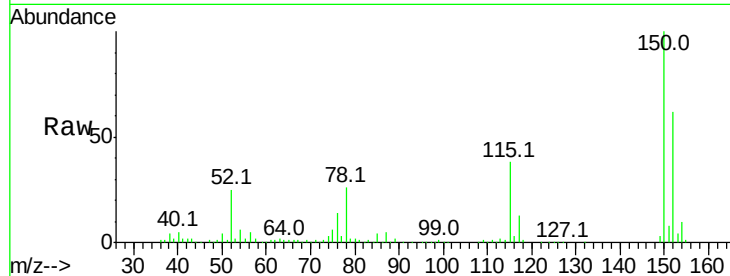


#1

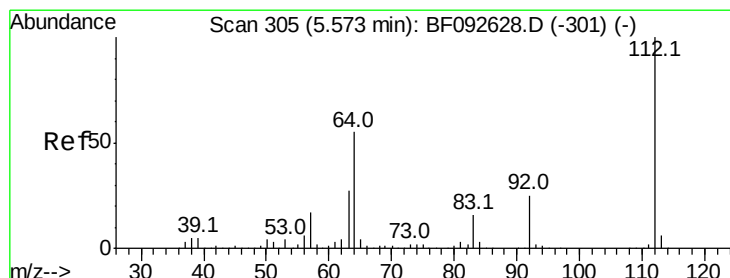
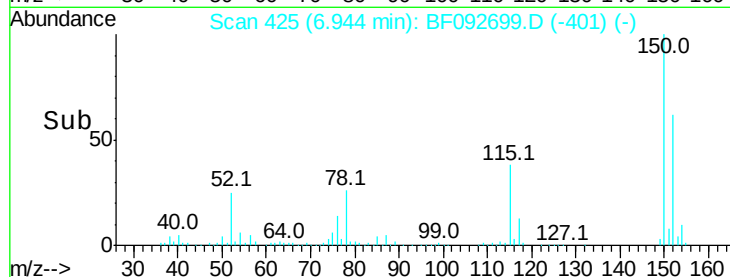
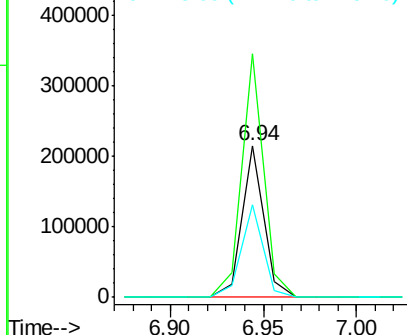
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:152 Resp: 176032
Ion Ratio Lower Upper
152 100
150 160.1 124.9 187.3
115 61.0 46.0 69.0



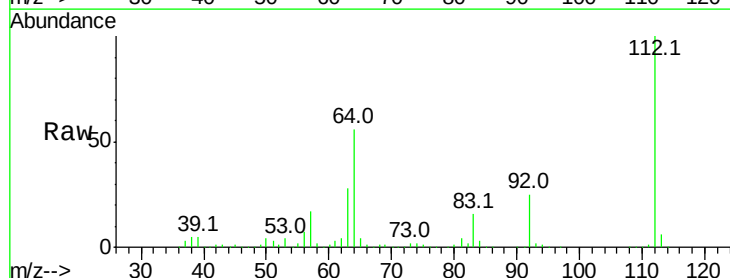
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



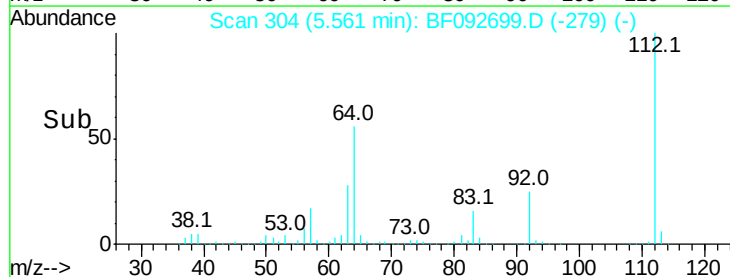
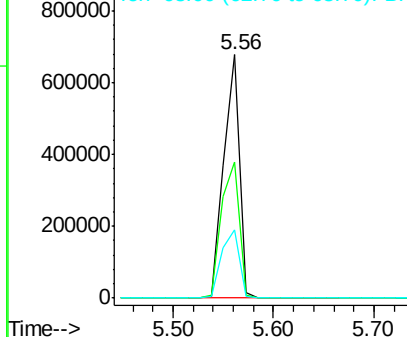
#5

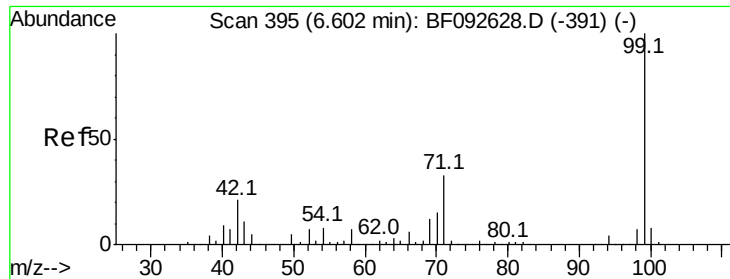
2-Fluorophenol
Concen: 71.96 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion:112 Resp: 738322
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.17 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

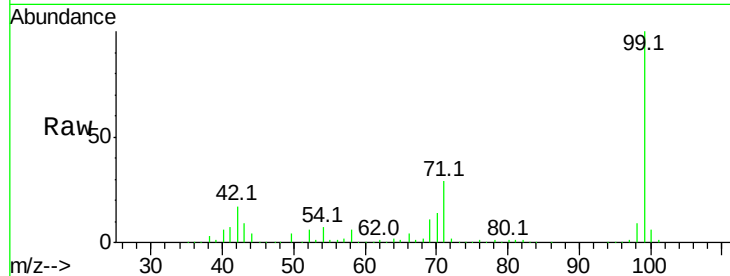
Tot Ion: 99 Resp: 622791

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

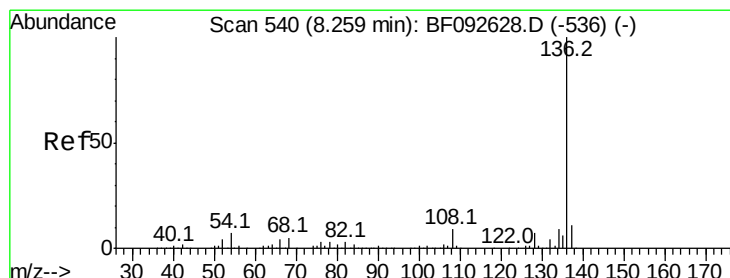
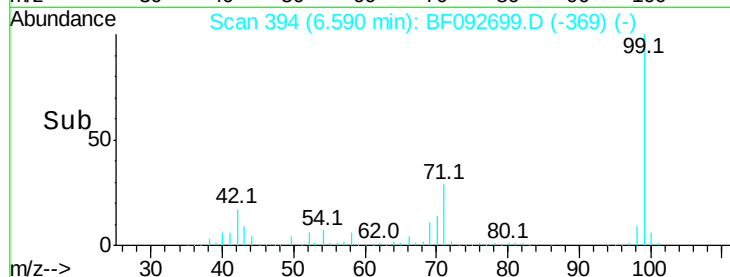
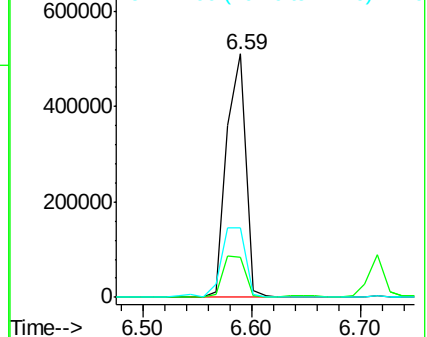
71 28.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Tgt Ion: 136 Resp: 686367

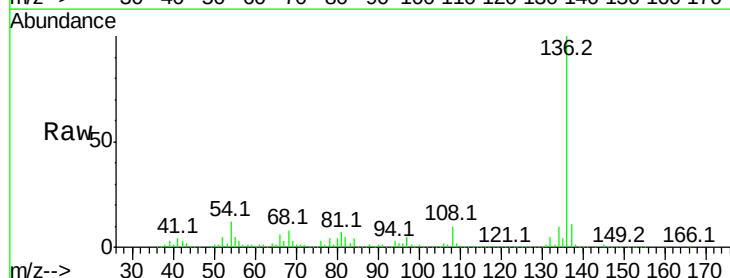
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.8 4.5 6.7#

68 8.3 3.6 5.4#

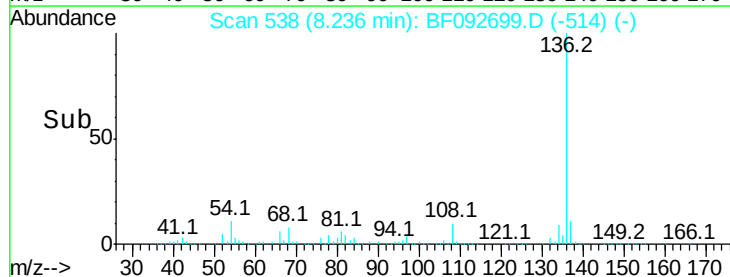
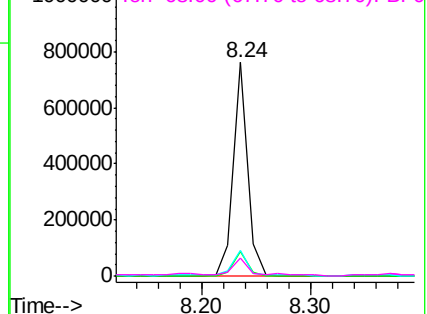


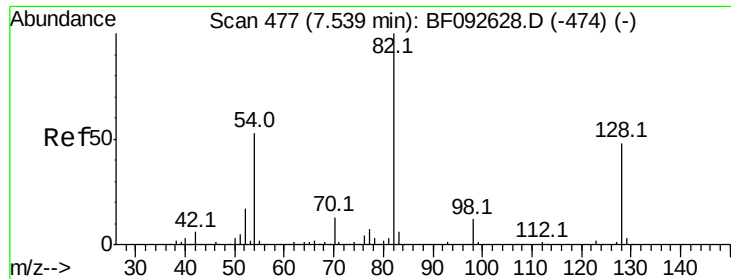
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



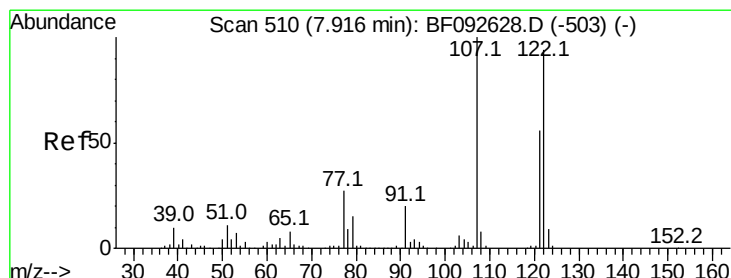
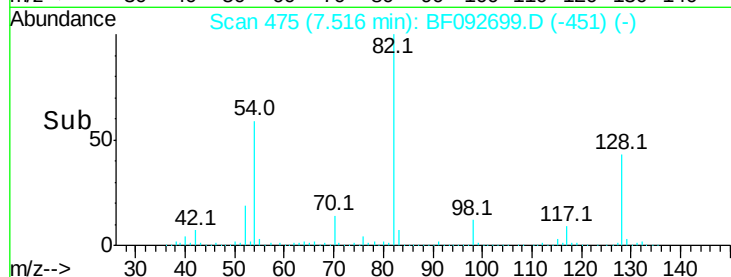
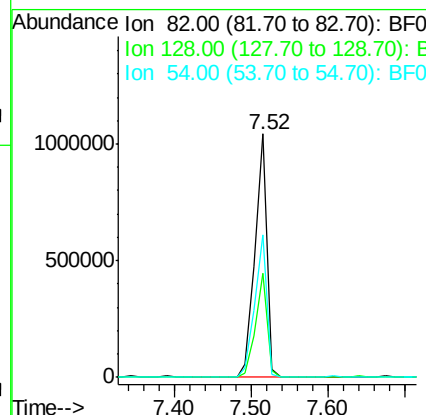
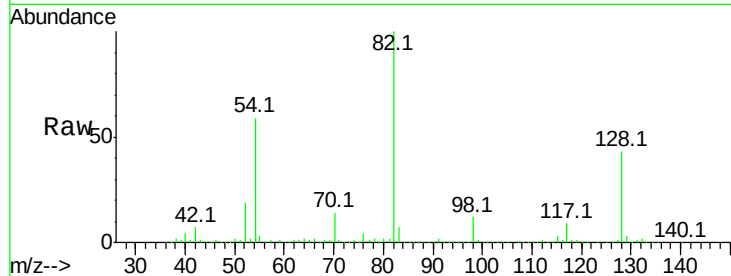


#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion: 82 Resp: 1120435

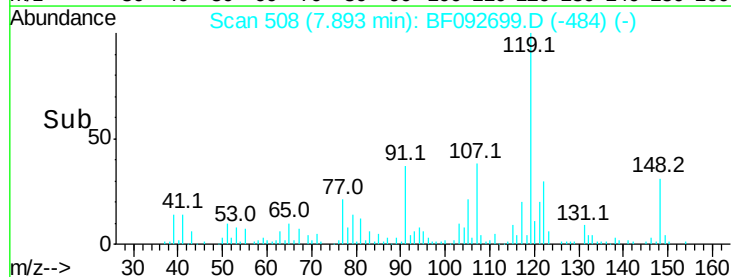
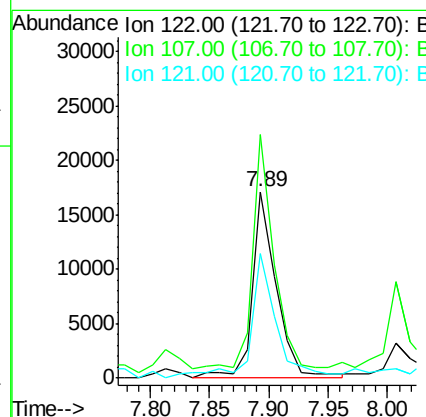
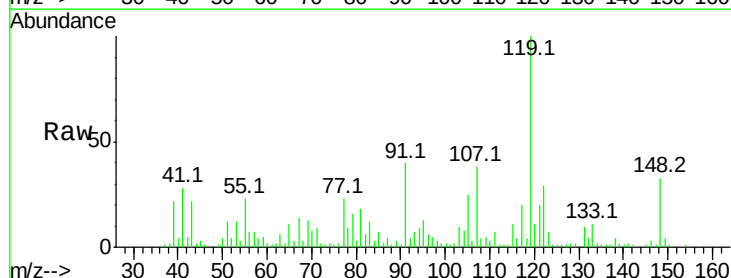
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	58.6	39.5	59.3

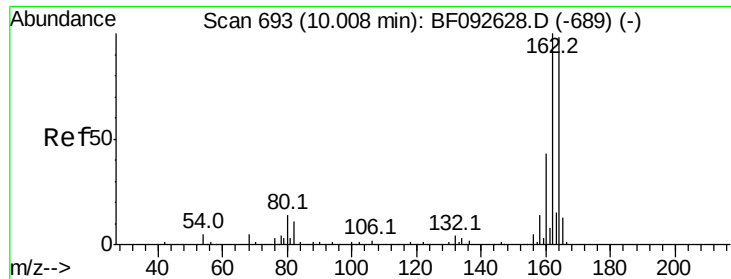


#27
 2,4-Dimethylphenol
 Concen: 2.30 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Tgt Ion: 122 Resp: 24320

Ion	Ratio	Lower	Upper
122	100		
107	130.5	94.1	141.1
121	66.7	46.0	69.0

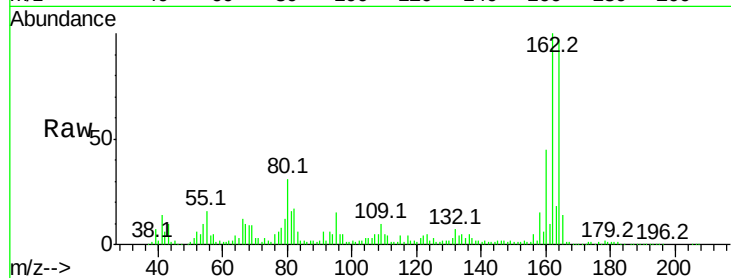




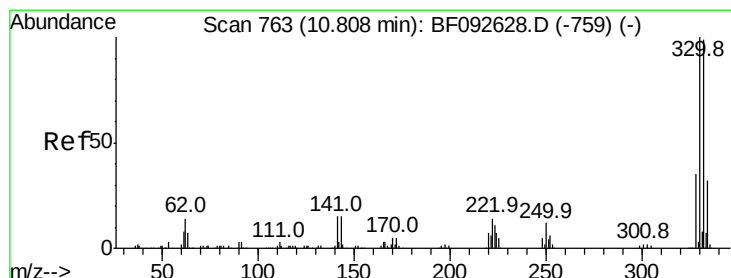
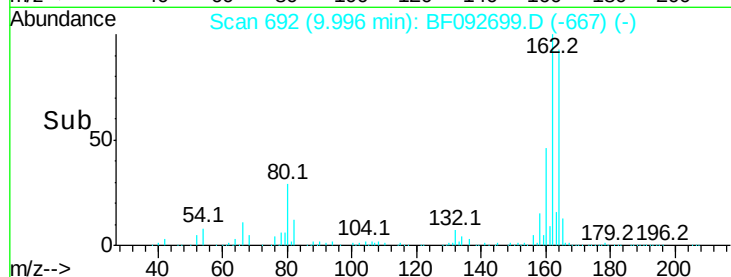
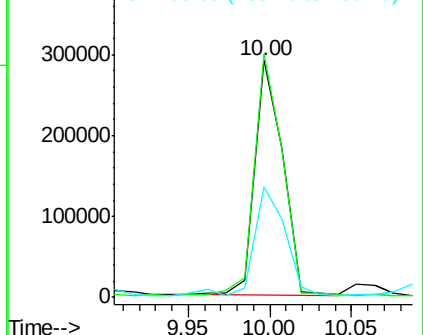
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:164 Resp: 345050
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 46.7 36.9 55.3

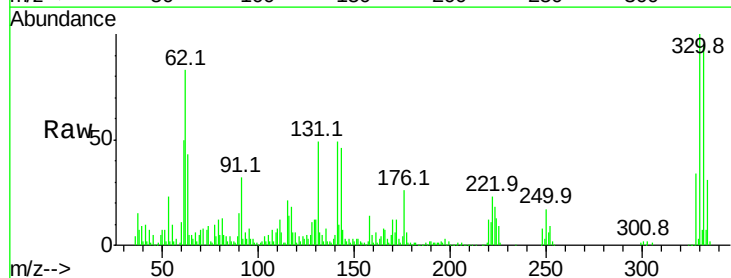


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

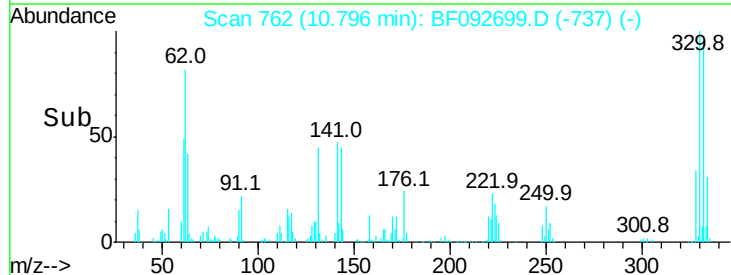
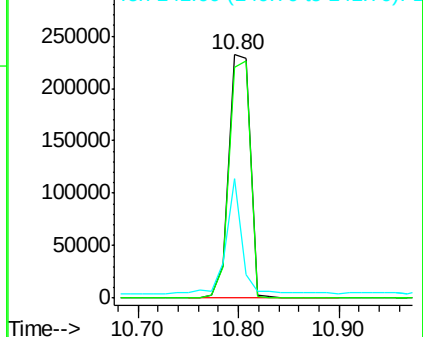


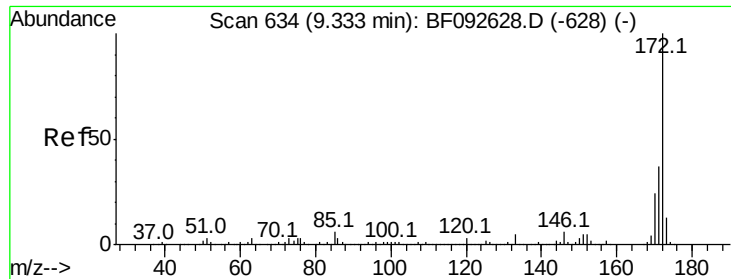
#41
2,4,6-Tribromophenol
Concen: 137.07 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion:330 Resp: 342070
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 35.9 34.1 51.1



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

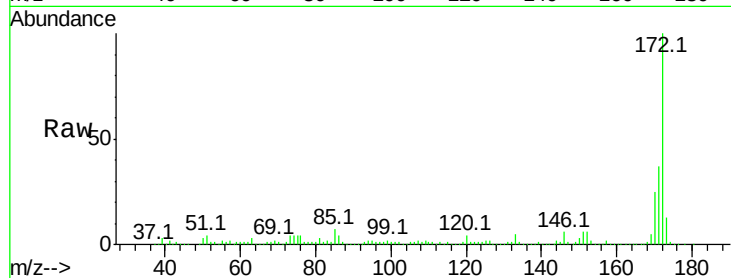




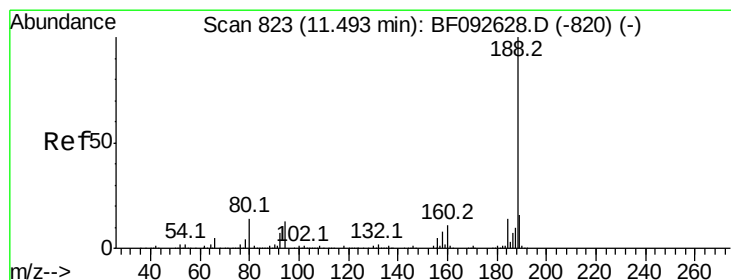
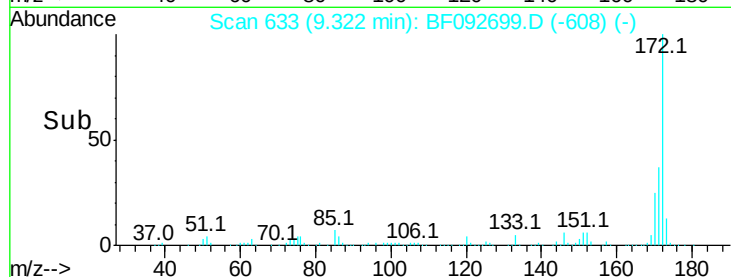
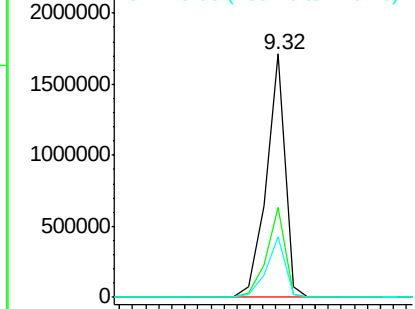
#44
2-Fluorobiphenyl
Concen: 90.55 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Instrument :
BNA_F
ClientSampleId :
MW-06

Tot Ion:172 Resp: 1724584
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.7 20.2 30.4

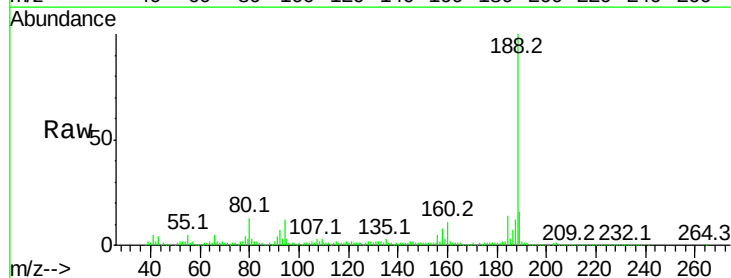


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

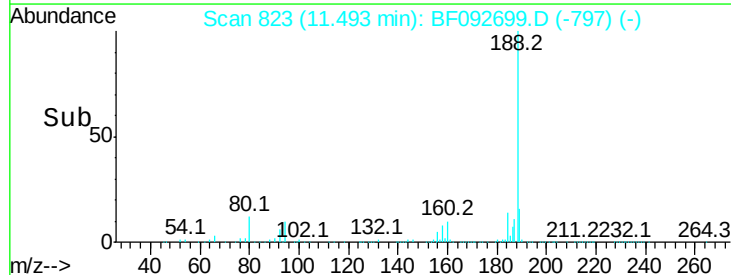
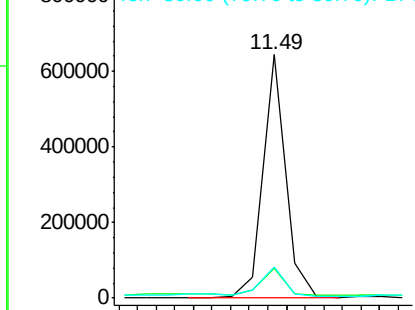


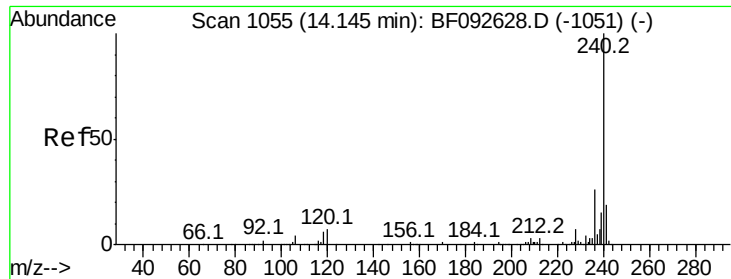
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092699.D
Acq: 31 Jan 2017 23:36

Tgt Ion:188 Resp: 543139
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 12.7 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-06

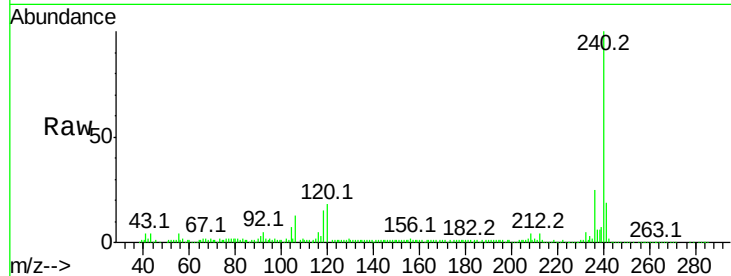
Tot Ion:240 Resp: 397969

Ion Ratio Lower Upper

240 100

120 18.3 12.9 19.3

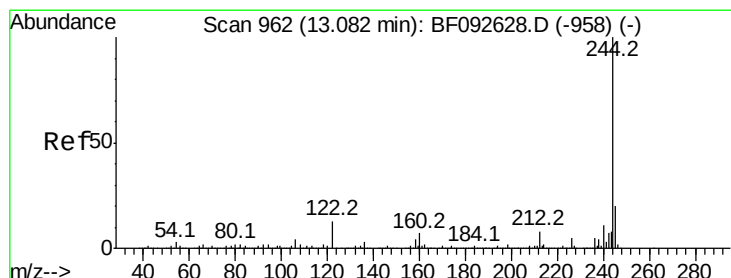
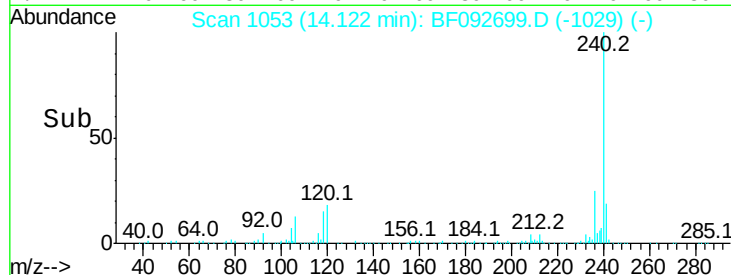
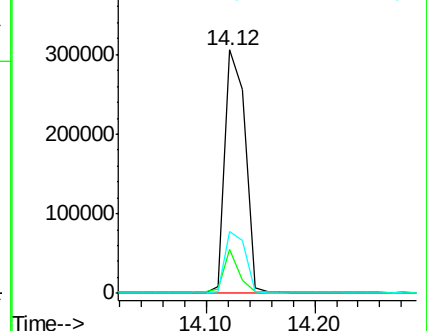
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 80.42 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092699.D

Acq: 31 Jan 2017 23:36

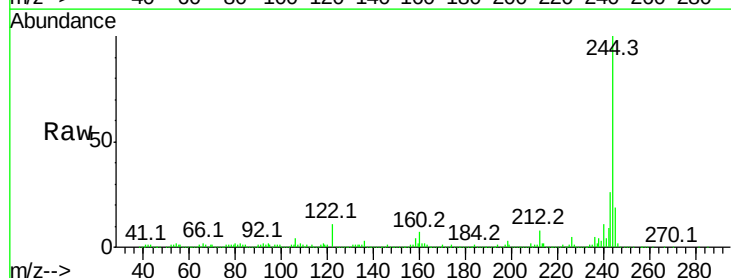
Tgt Ion:244 Resp: 1362152

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

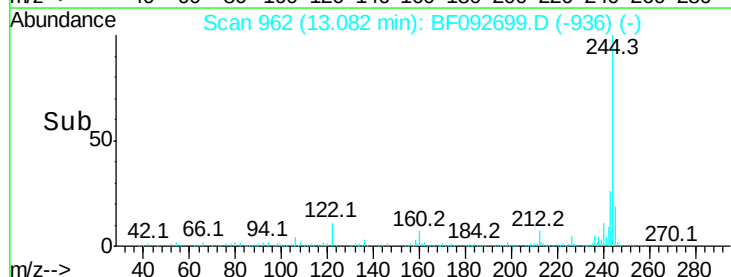
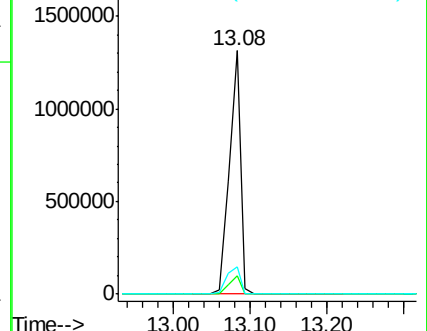
122 11.1 11.4 17.2#

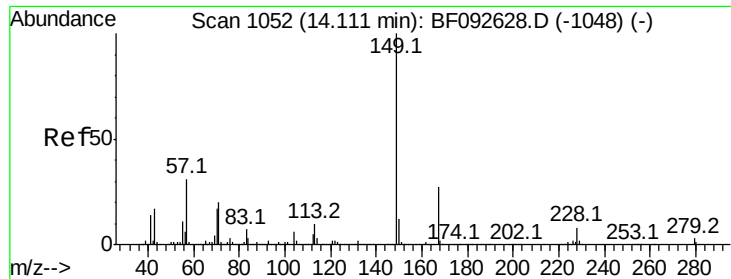


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

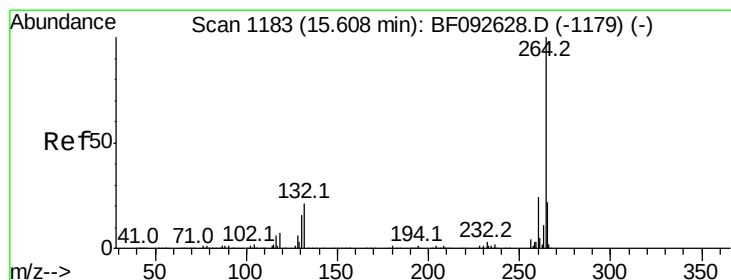
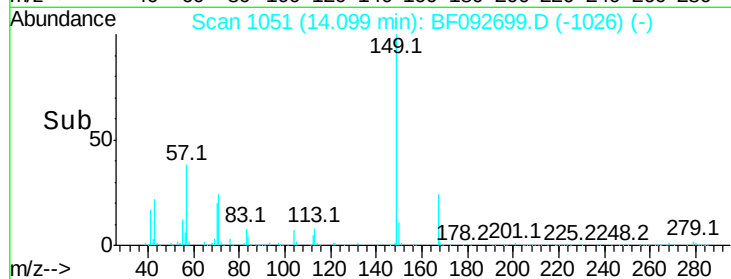
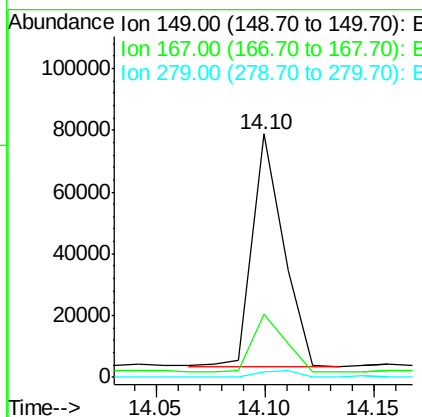
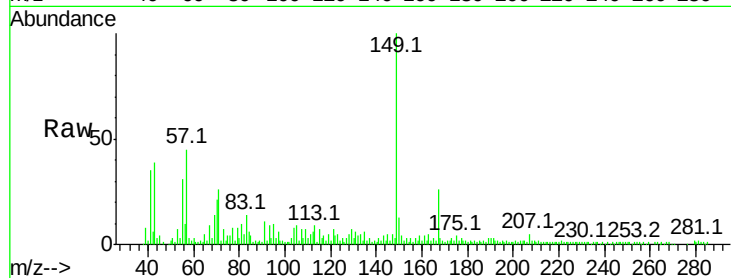




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.52 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

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Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	2.3	1.8	2.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092699.D
 Acq: 31 Jan 2017 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.3	17.4	26.0

