

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087958.D
 Acq On : 12 Jun 2016 20:01
 Operator : UM/SJ
 Sample : H3440-07
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Jun 13 06:03:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

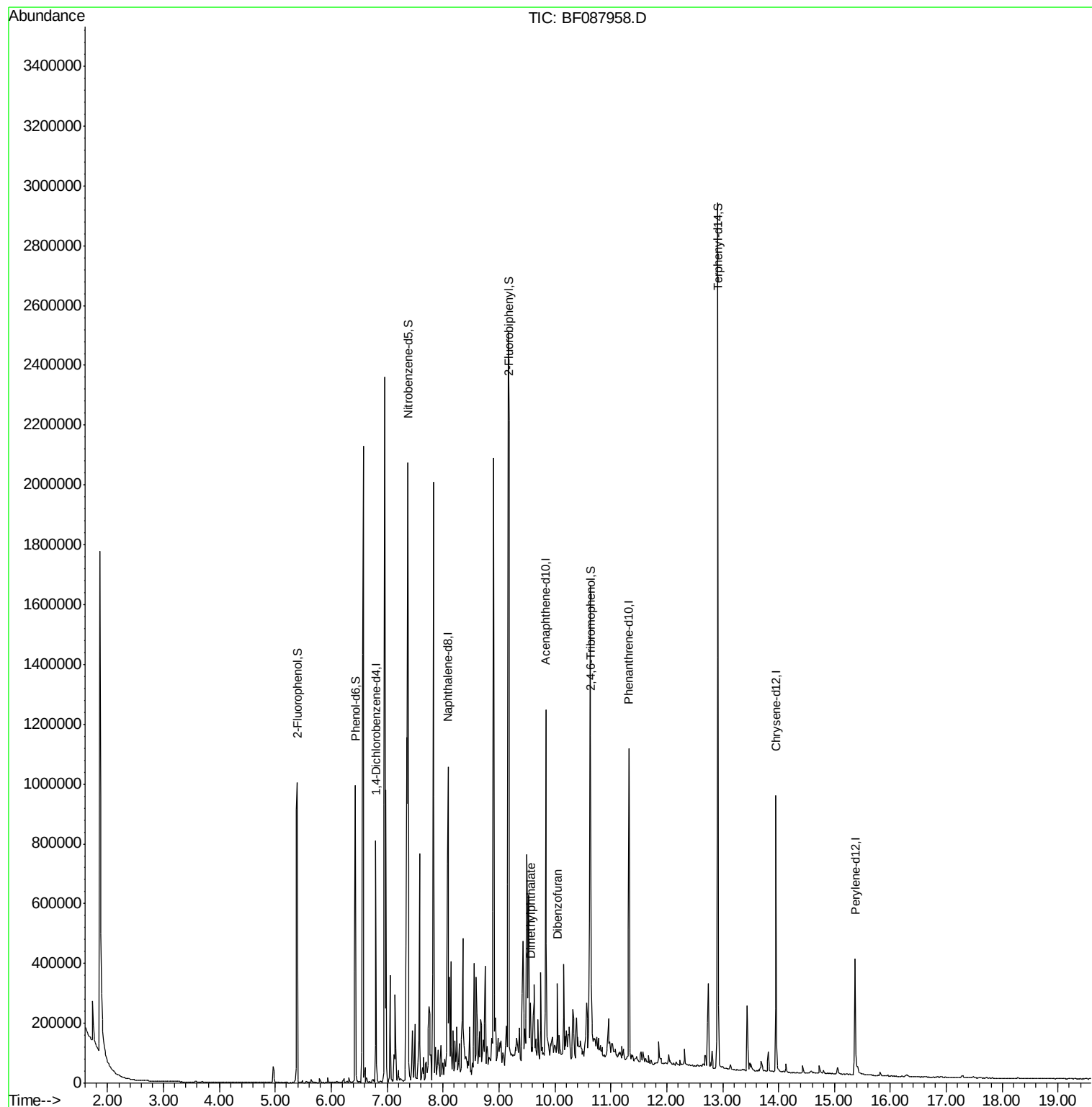
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116317	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473718	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213641	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	419163	20.00	ng	0.00
75) Chrysene-d12	13.95	240	311055	20.00	ng	-0.01
86) Perylene-d12	15.37	264	240333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	431445	63.41	ng	0.01
7) Phenol-d6	6.43	99	377858	45.82	ng	-0.01
23) Nitrobenzene-d5	7.37	82	664096	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	295289	130.90	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1300667	96.38	ng	0.00
78) Terphenyl-d14	12.91	244	1025582	75.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	78918	5.10	ng	99
54) Dibenzofuran	10.04	168	37810	2.00	ng	# 85

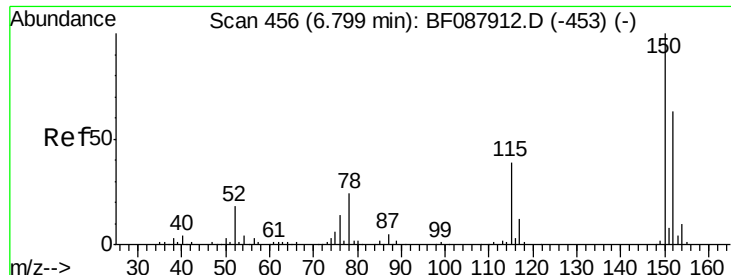
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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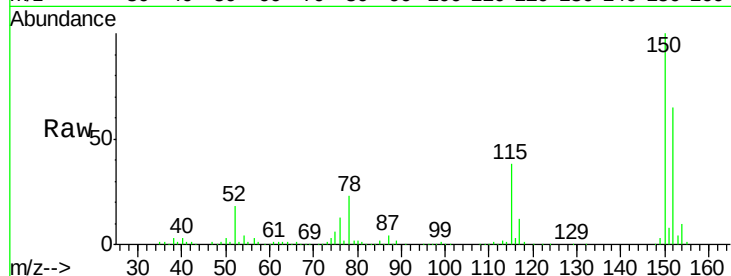


#1

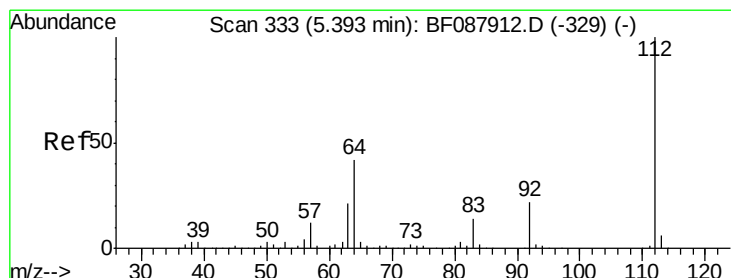
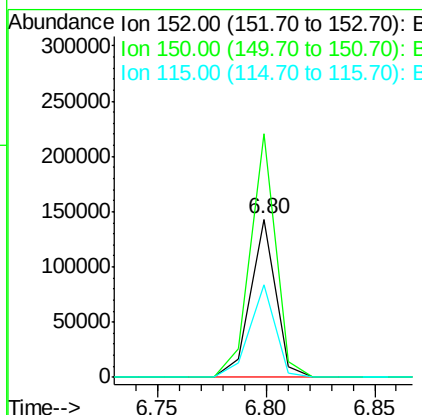
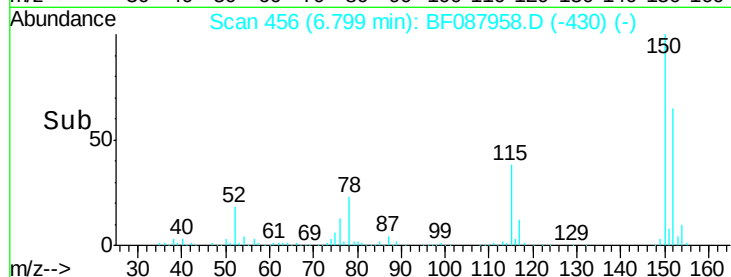
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	58.7	39.6	59.4



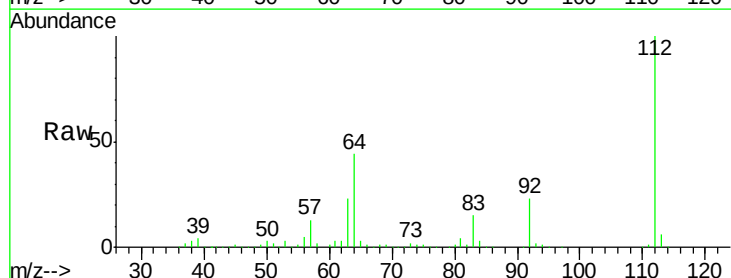
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



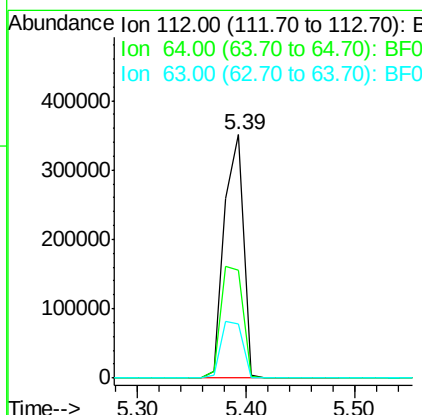
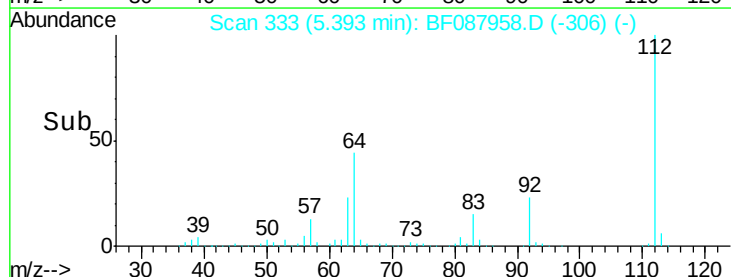
#5

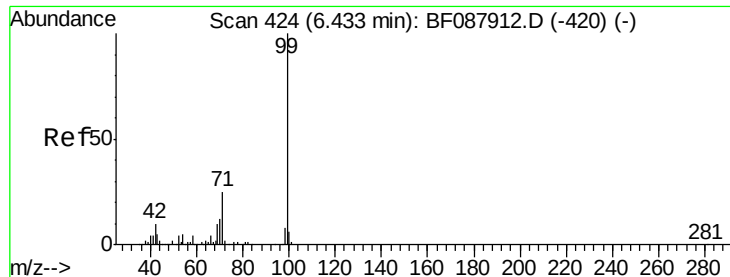
2-Fluorophenol
Concen: 63.41 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.4	42.2	63.2
63	22.5	21.8	32.8



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: 45.82 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampled :

W-13

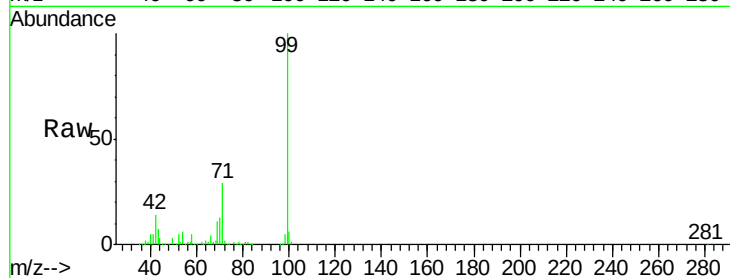
Tot Ion: 99 Resp: 377858

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

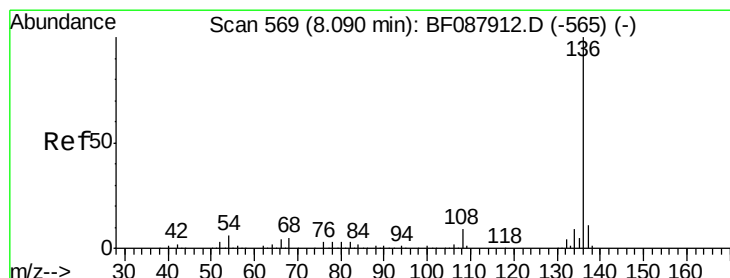
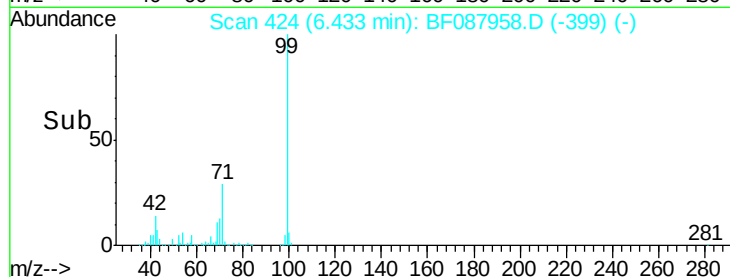
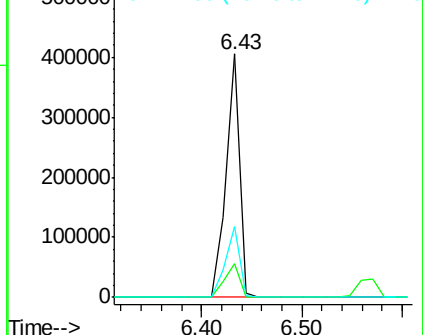
71 28.9 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Tgt Ion: 136 Resp: 473718

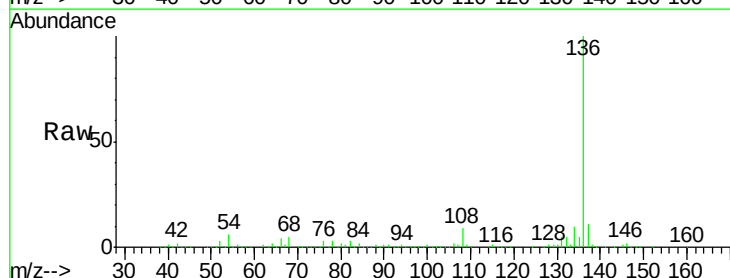
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.1 6.6 10.0#

68 5.3 5.1 7.7

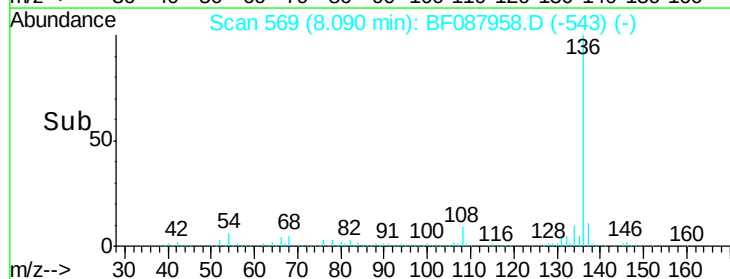
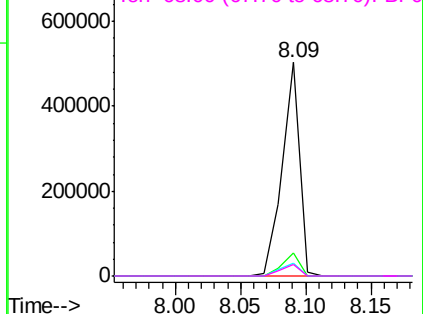


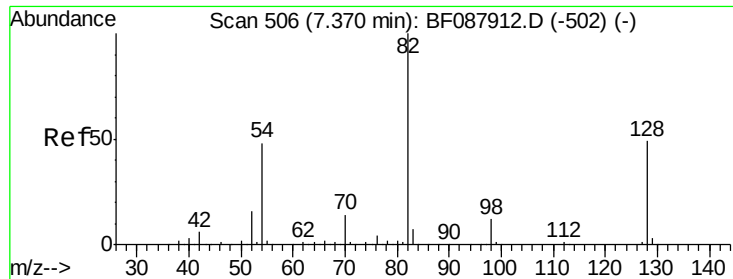
Abundance Ion 136.00 (135.70 to 136.70): E

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

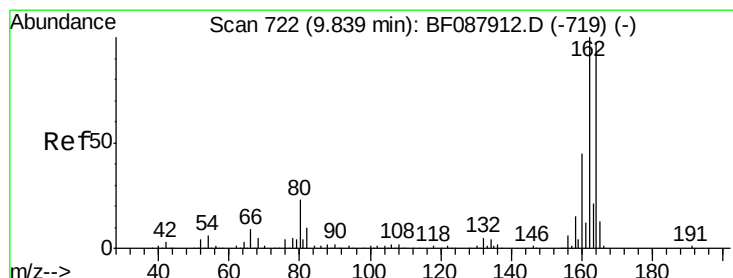
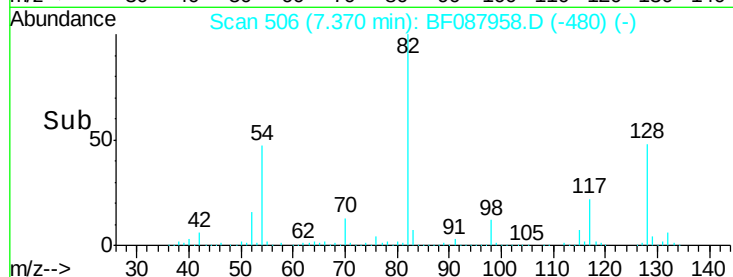
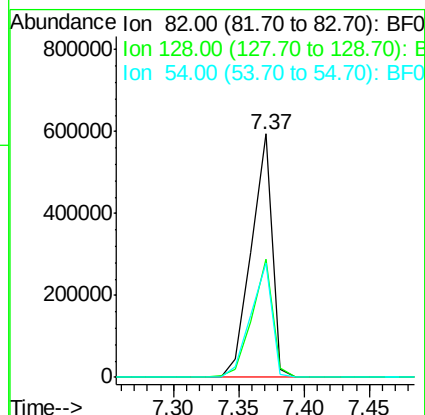
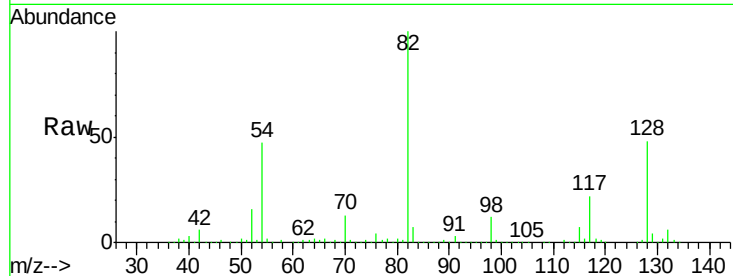




#23
 Nitrobenzene-d5
 Concen: 81.86 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

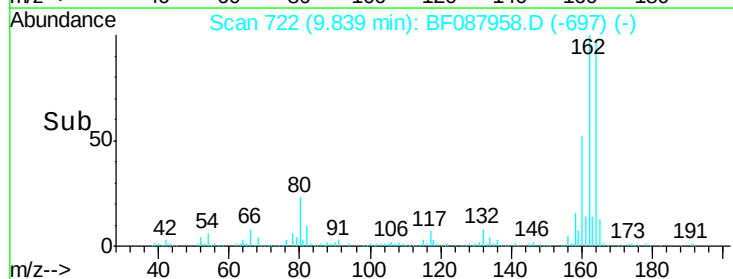
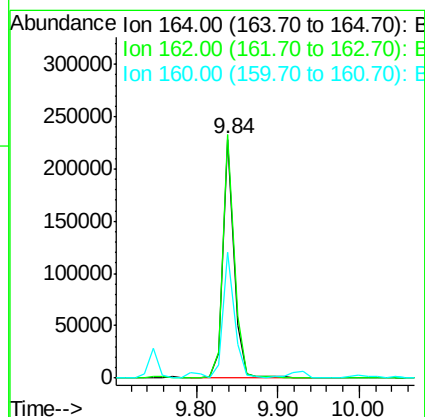
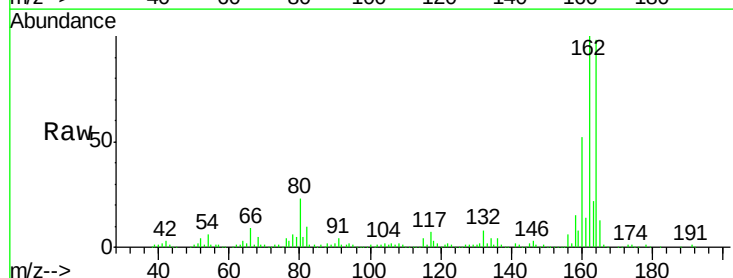
Instrument :
 BNA_F
 ClientSampleId :
 W-13

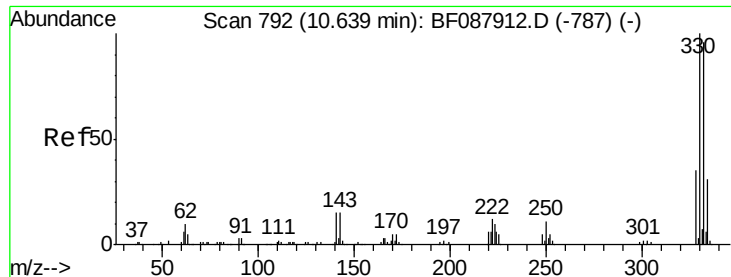
Tot Ion	82	Resp	664096
Ion Ratio	Lower	Upper	
82	100		
128	48.4	35.9	53.9
54	47.1	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Tgt Ion	164	Resp	213641
Ion Ratio	Lower	Upper	
164	100		
162	102.0	85.4	128.2
160	52.9	39.5	59.3

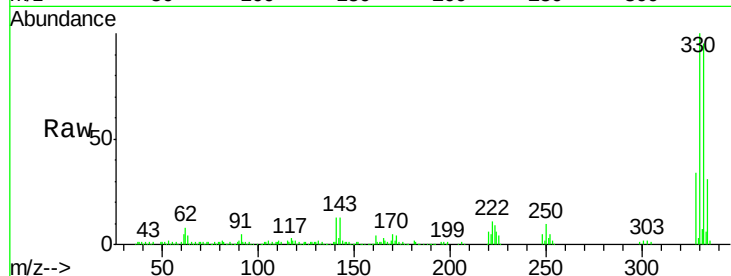




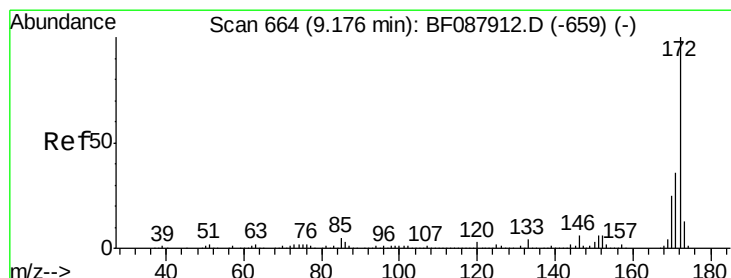
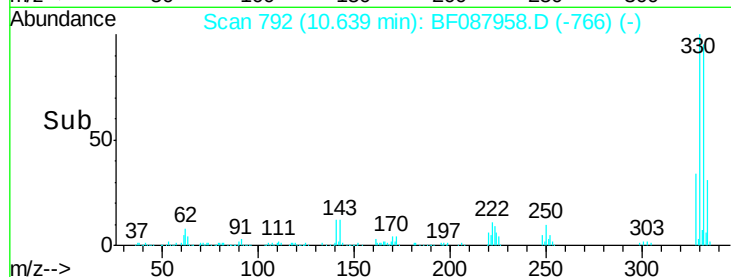
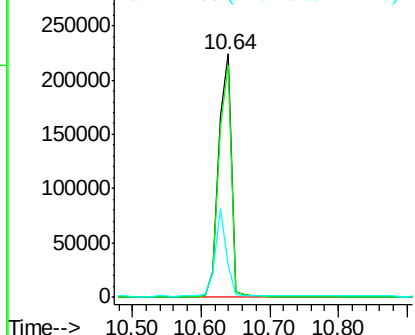
#41
 2,4,6-Tribromophenol
 Concen: 130.90 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	32.2	0.0	0.0#

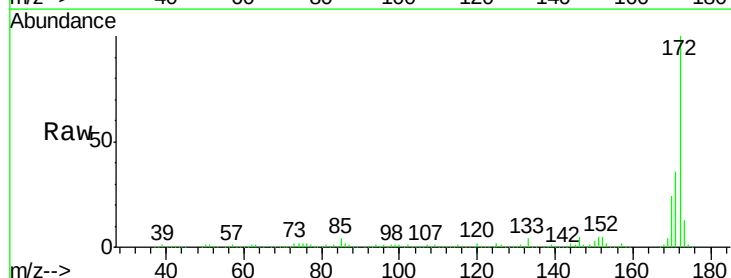


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

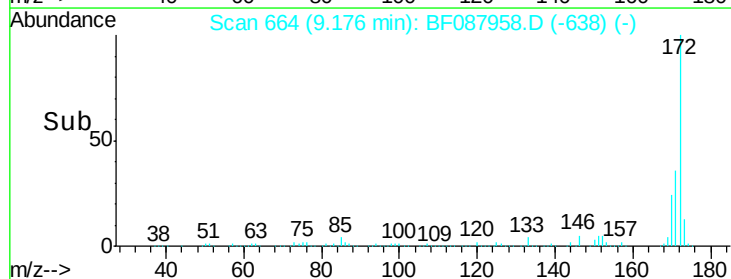
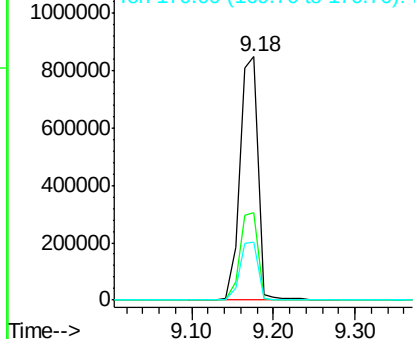


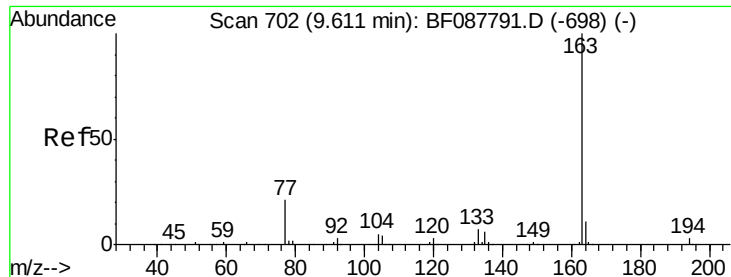
#44
 2-Fluorobiphenyl
 Concen: 96.38 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8



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

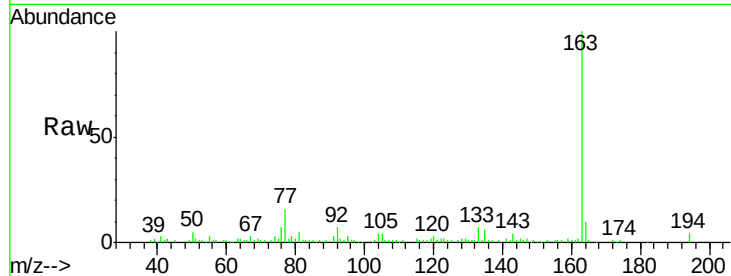




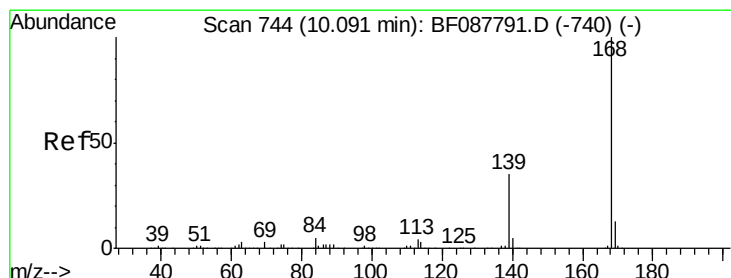
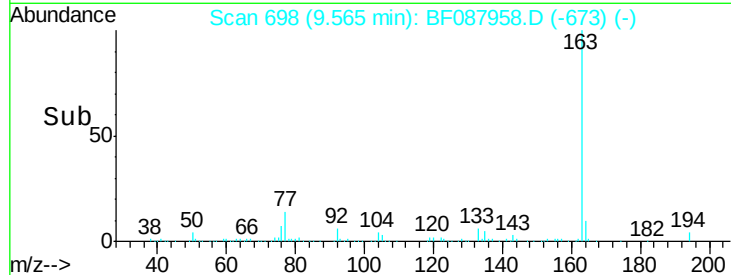
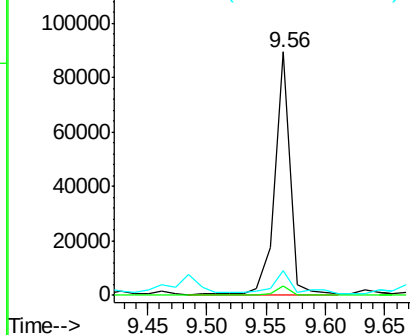
#49
Dimethylphthalate
Concen: 5.10 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tot Ion:163 Resp: 78918
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 8.3 12.5

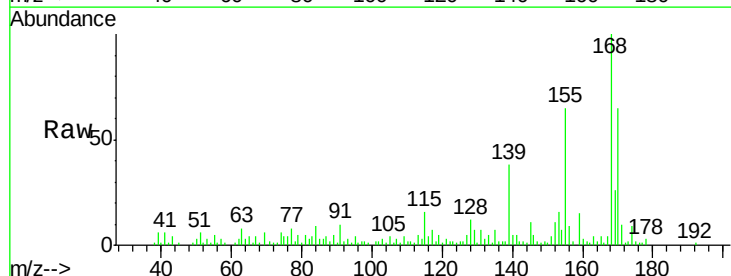


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

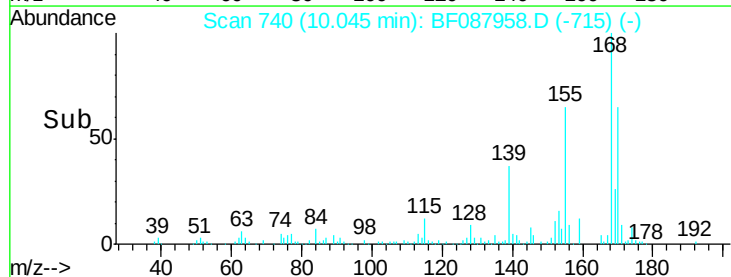
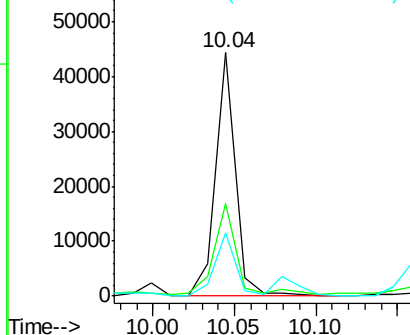


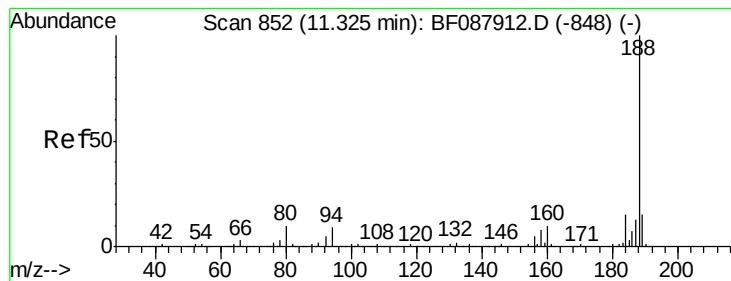
#54
Dibenzofuran
Concen: 2.00 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:168 Resp: 37810
Ion Ratio Lower Upper
168 100
139 37.9 26.4 39.6
169 25.8 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

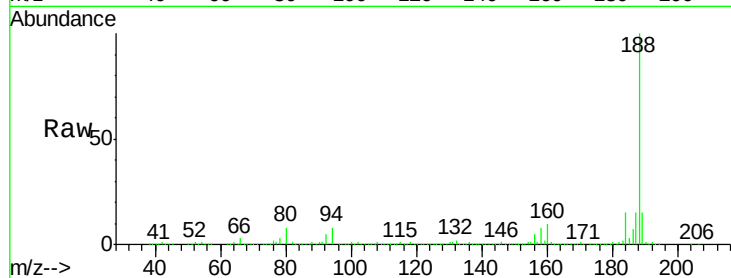
Tot Ion:188 Resp: 419163

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.6#

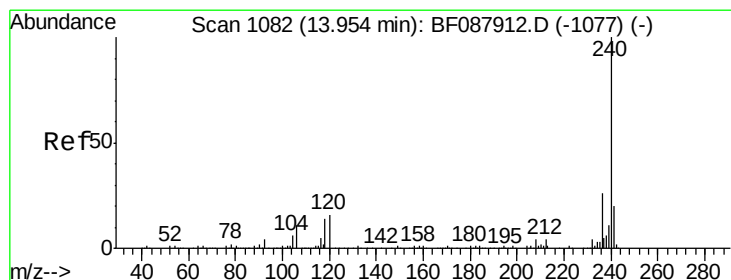
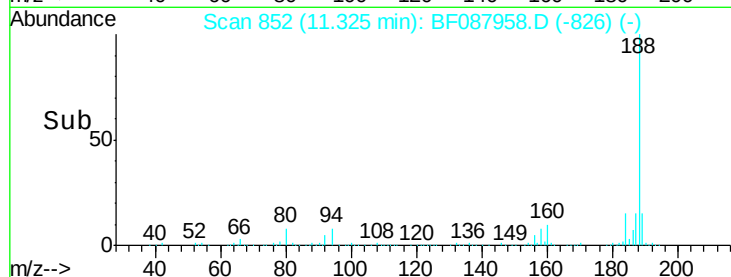
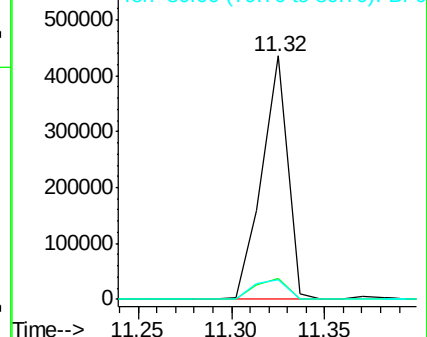
80 8.1 10.0 15.0#



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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

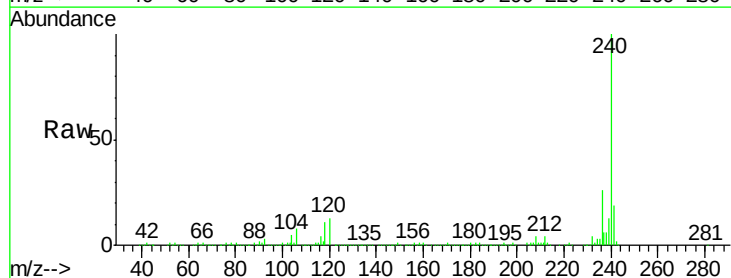
Tgt Ion:240 Resp: 311055

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

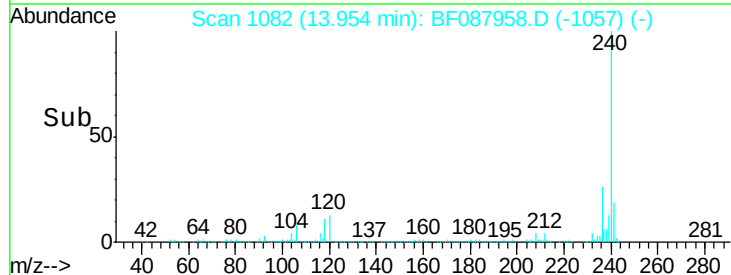
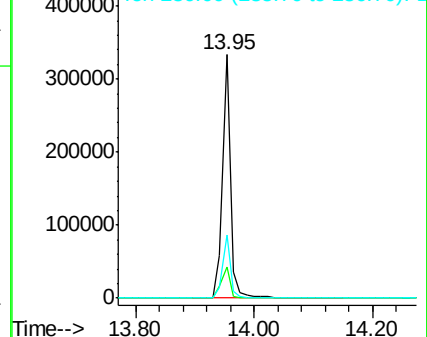
236 25.8 20.2 30.2

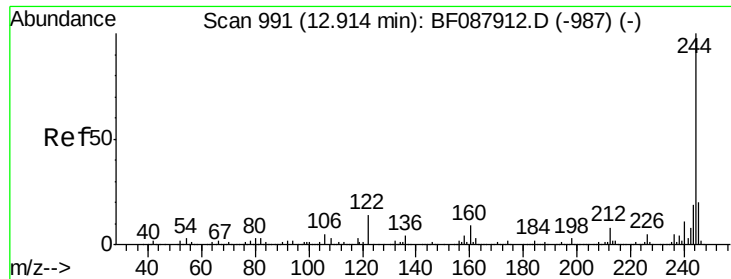


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



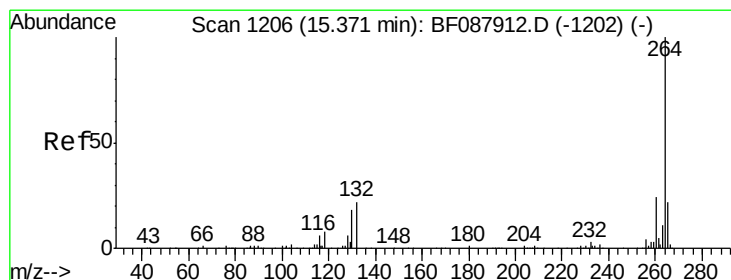
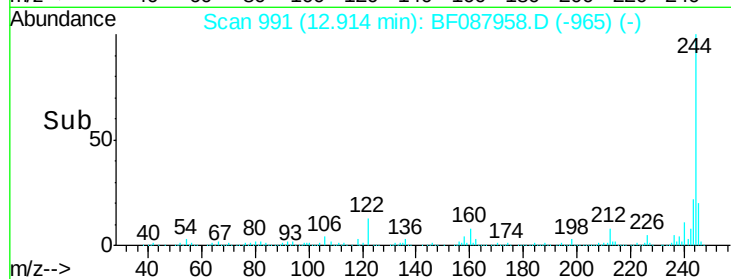
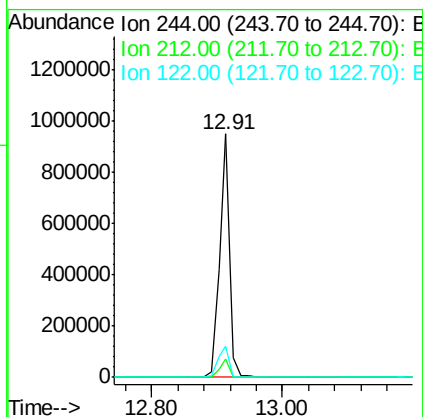
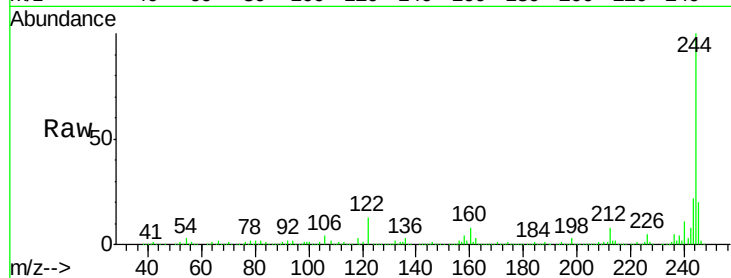


#78
 Terphenyl-d14
 Concen: 75.03 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion:244 Resp: 1025582

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.6	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Tgt Ion:264 Resp: 240333

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	16.9	25.3

