

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079241.D
 Acq On : 14 May 2015 19:23
 Operator : TP/IZ
 Sample : G2241-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1504233023

Quant Time: May 15 02:44:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 02:17:41 2015
 Response via : Initial Calibration

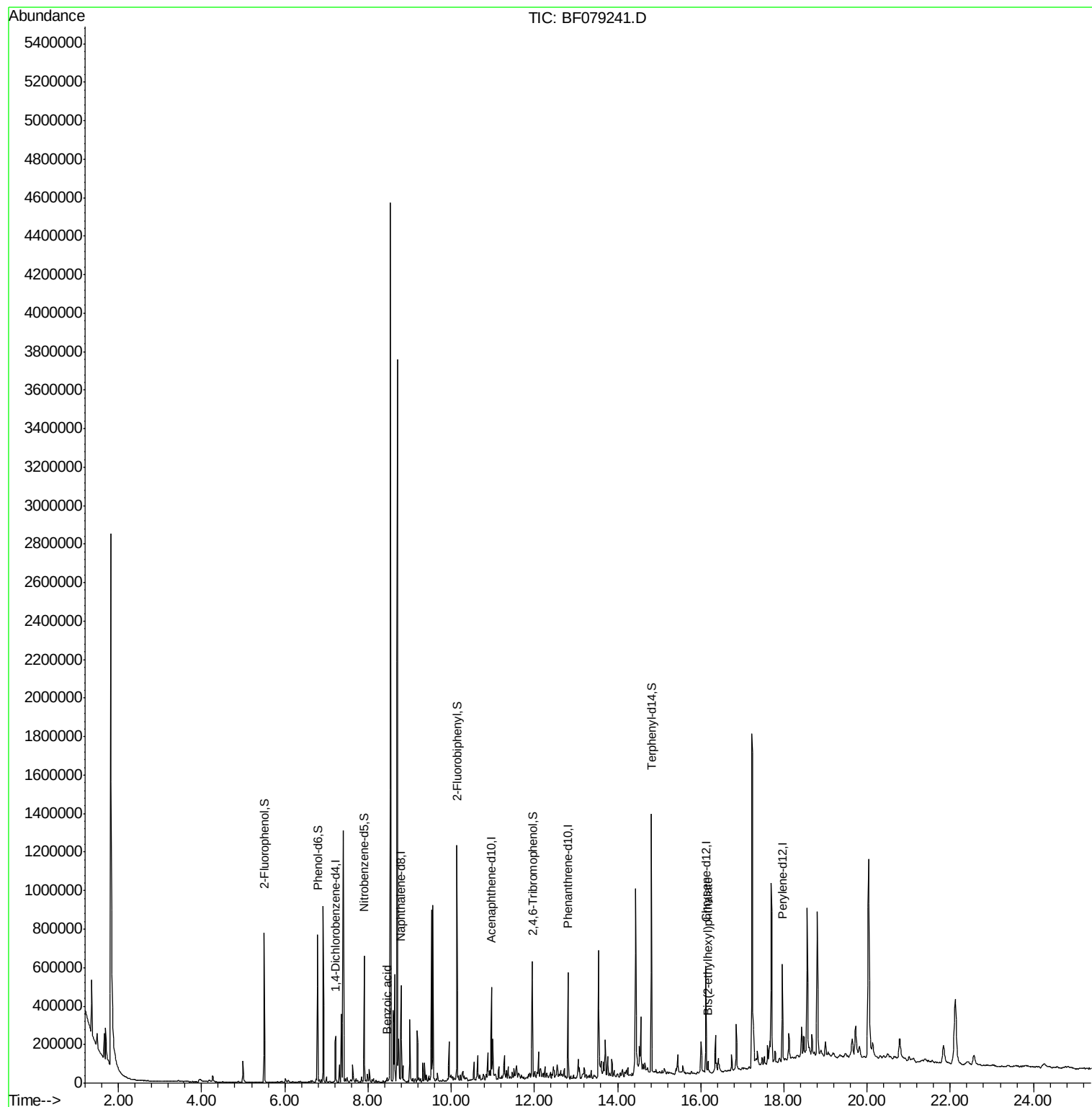
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	52128	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	215287	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	104905	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	196580	20.00	ng	0.00
75) Chrysene-d12	16.13	240	210174	20.00	ng	-0.11
86) Perylene-d12	17.97	264	228183	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	232190m	76.67	ng	0.00
7) Phenol-d6	6.79	99	343445	85.80	ng	0.00
23) Nitrobenzene-d5	7.91	82	195463	52.18	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	101252	89.22	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	403635	53.61	ng	-0.01
78) Terphenyl-d14	14.81	244	485566	55.31	ng	-0.02
Target Compounds						
32) Benzoic acid	8.46	122	1563	7.02	ng	# 59
83) Bis(2-ethylhexyl)phthalate	16.18	149	22836	2.85	ng	# 99

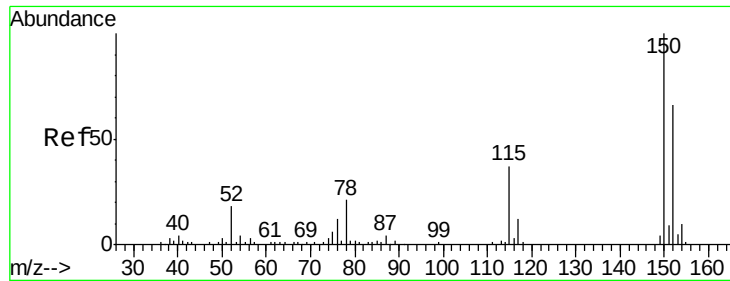
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1504233023

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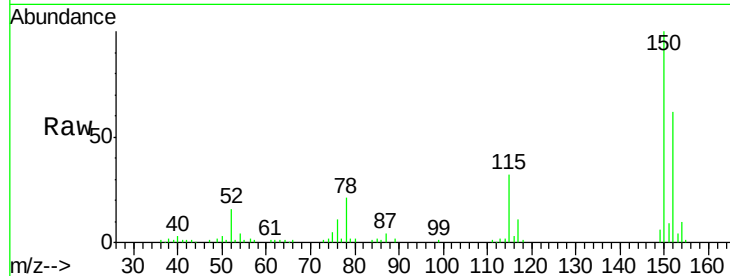


#1

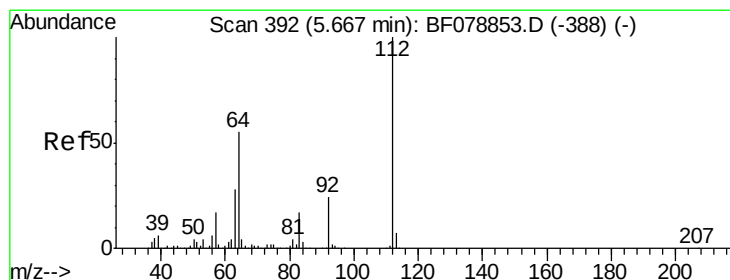
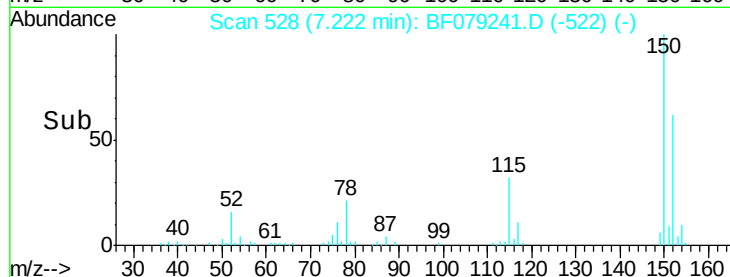
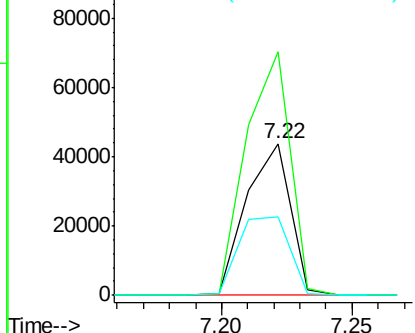
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079241.D
Acq: 14 May 2015 19:23

Instrument :
BNA_F
ClientSampleId :
1504233023

Tot Ion:152 Resp: 52128
Ion Ratio Lower Upper
152 100
150 160.5 123.8 185.8
115 52.1 49.4 74.0



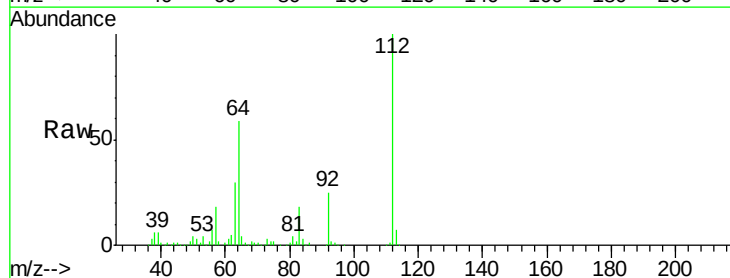
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



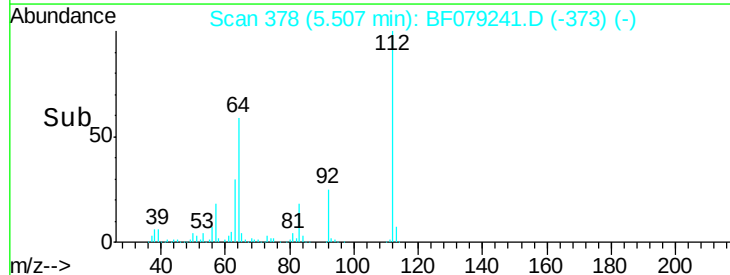
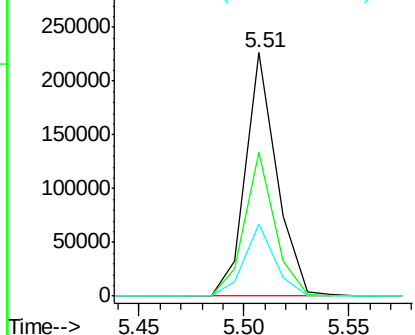
#5

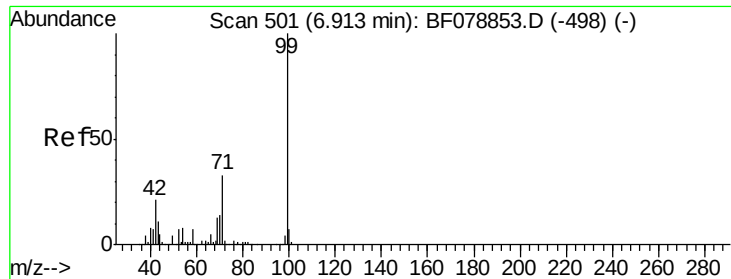
2-Fluorophenol
Concen: 76.67 ng m
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079241.D
Acq: 14 May 2015 19:23

Tgt Ion:112 Resp: 232190
Ion Ratio Lower Upper
112 100
64 58.8 44.2 66.2
63 29.6 22.7 34.1



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: 85.80 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

Instrument :

BNA_F

ClientSampleId :

1504233023

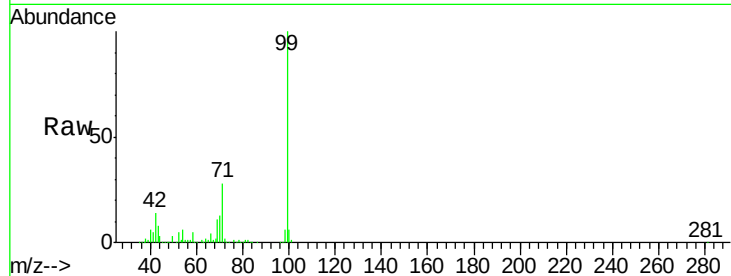
Tot Ion: 99 Resp: 343445

Ion Ratio Lower Upper

99 100

42 14.1 17.1 25.7#

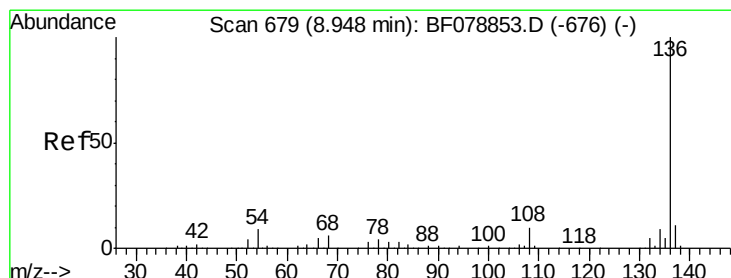
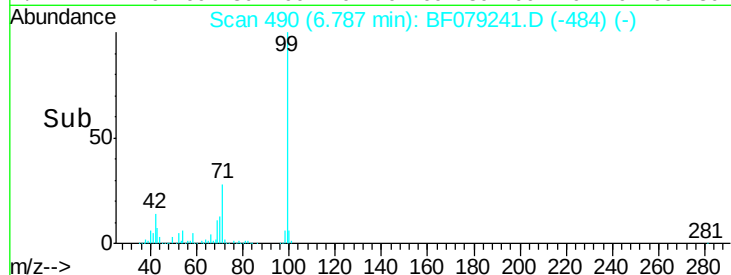
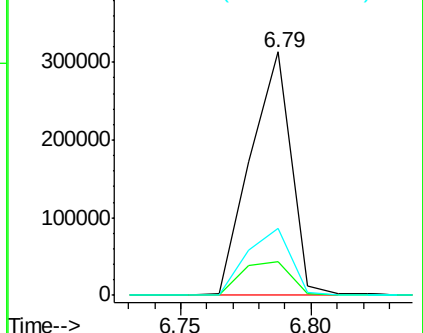
71 27.6 26.3 39.5



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: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

Tgt Ion: 136 Resp: 215287

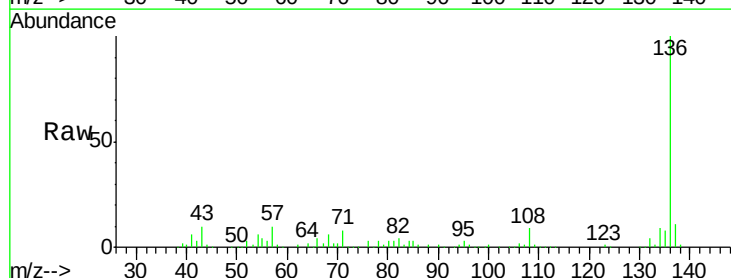
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.4 6.9 10.3#

68 5.6 4.9 7.3

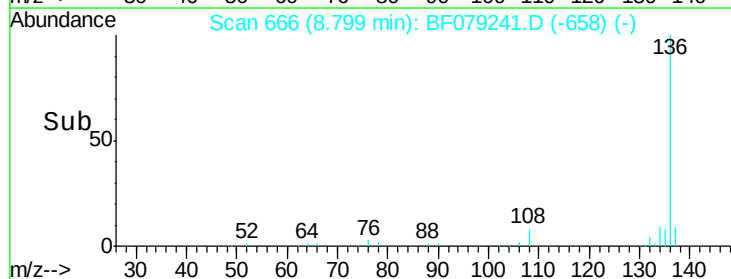
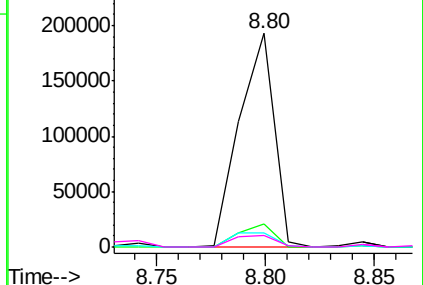


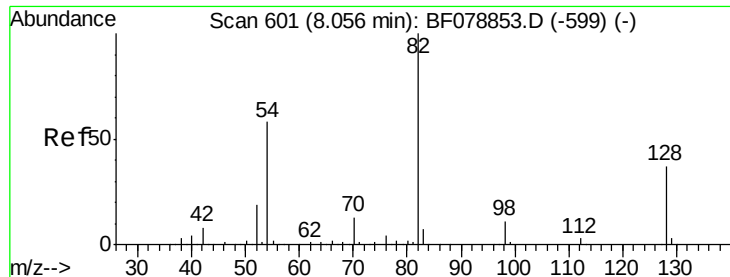
Abundance Ion 136.00 (135.70 to 136.70): E

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

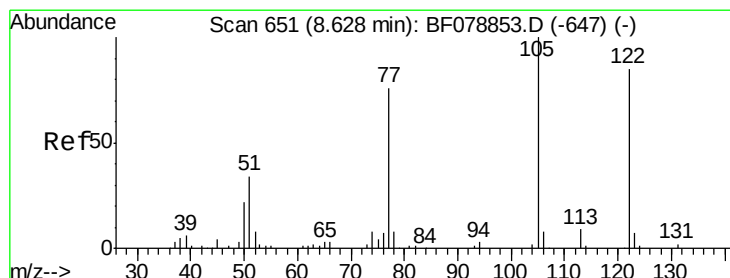
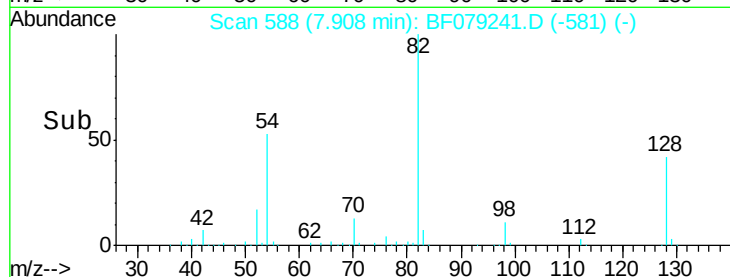
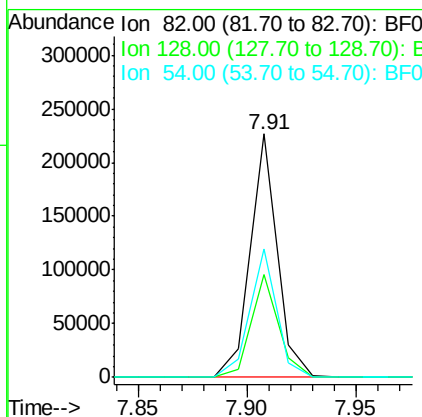
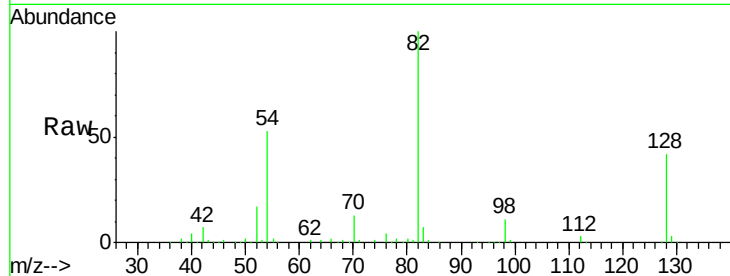




#23
 Nitrobenzene-d5
 Concen: 52.18 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079241.D
 Acq: 14 May 2015 19:23

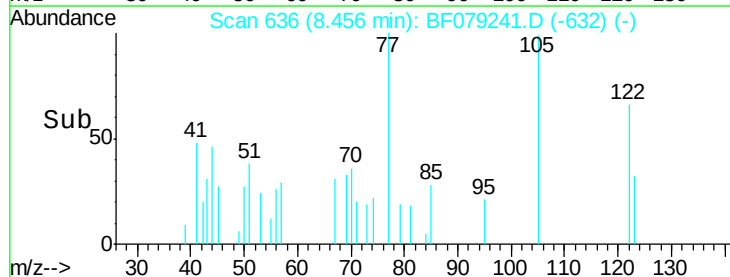
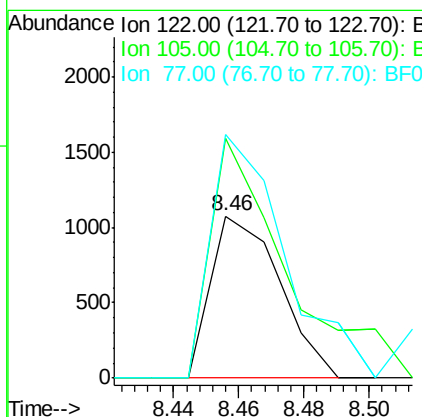
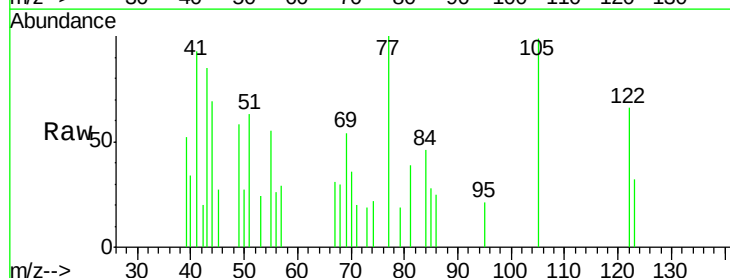
Instrument :
 BNA_F
 ClientSampleId :
 1504233023

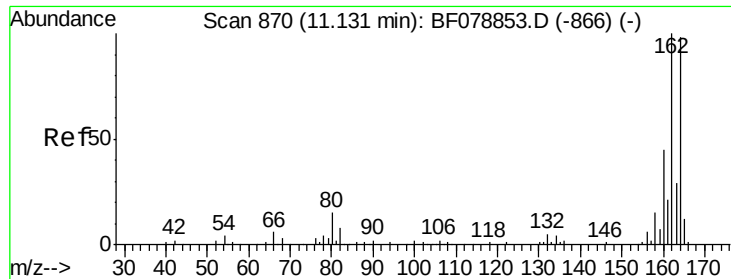
Tot Ion	82	Resp	195463
Ion Ratio	Lower	Upper	
82	100		
128	42.3	29.7	44.5
54	52.6	46.2	69.4



#32
 Benzoic acid
 Concen: 7.02 ng
 RT: 8.46 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF079241.D
 Acq: 14 May 2015 19:23

Tgt Ion	122	Resp	1563
Ion Ratio	Lower	Upper	
122	100		
105	148.6	100.7	140.7#
77	150.6	72.0	112.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

Instrument :

BNA_F

ClientSampleId :

1504233023

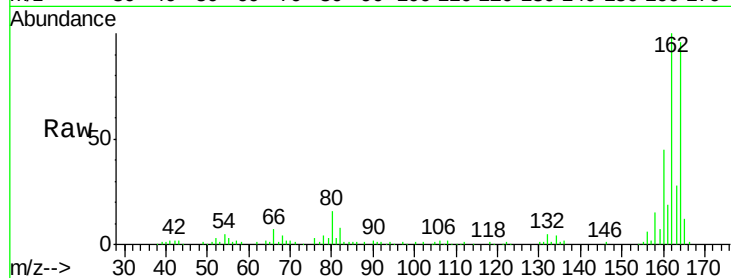
Tot Ion:164 Resp: 104905

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

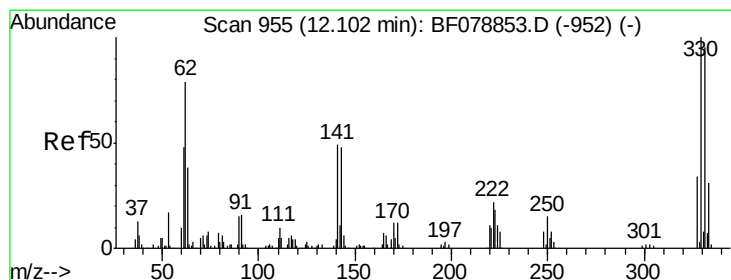
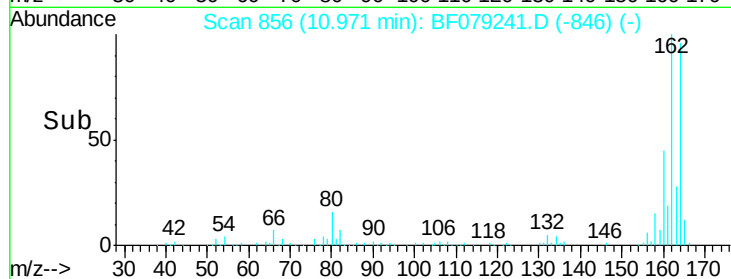
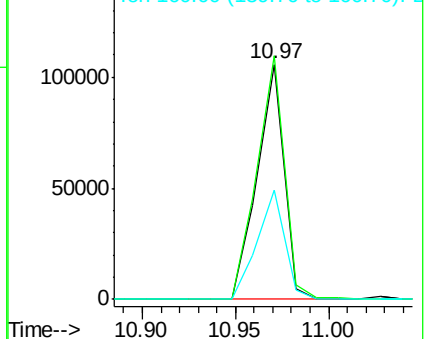
160 46.4 36.6 54.8



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: 89.22 ng

RT: 11.95 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

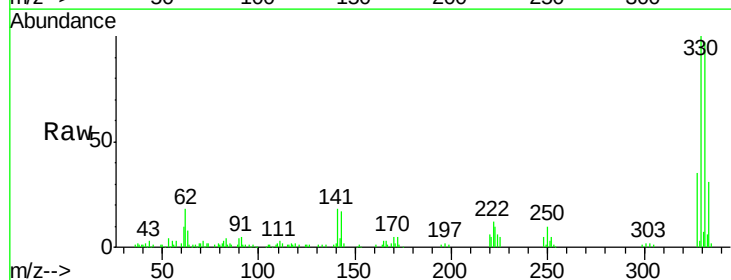
Tgt Ion:330 Resp: 101252

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

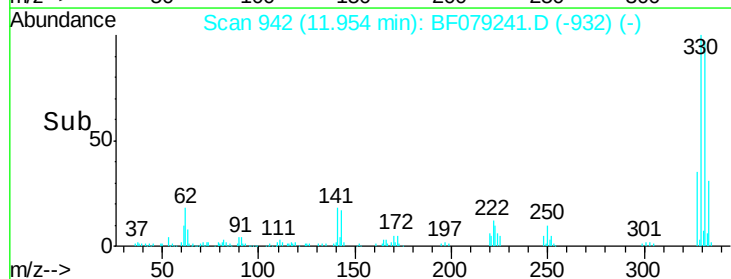
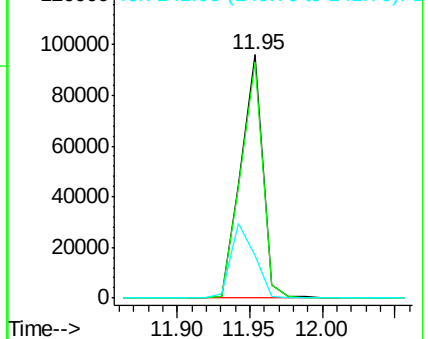
141 33.2 27.8 41.8

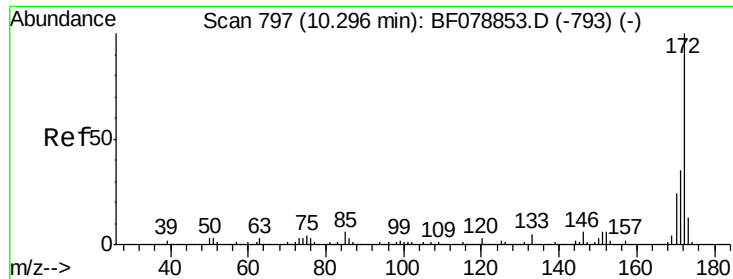


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

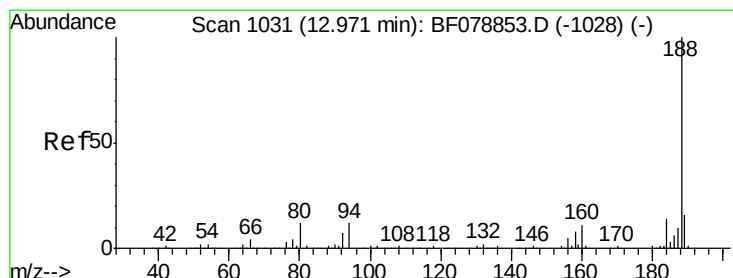
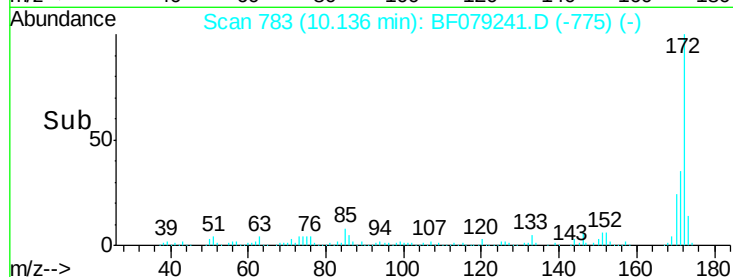
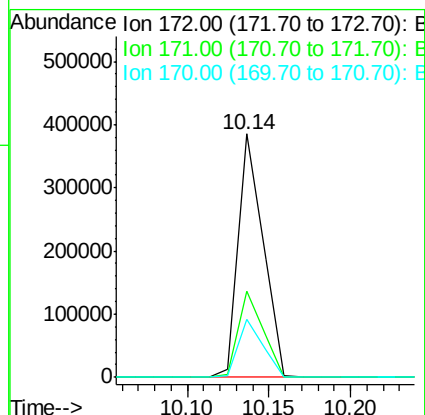
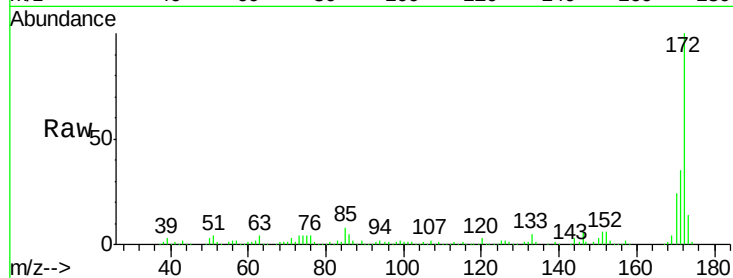




#44
2-Fluorobiphenyl
Concen: 53.61 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079241.D
Acq: 14 May 2015 19:23

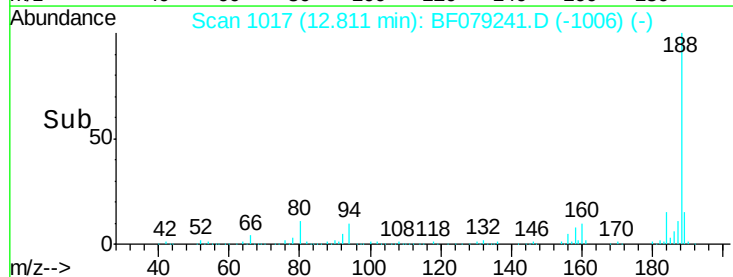
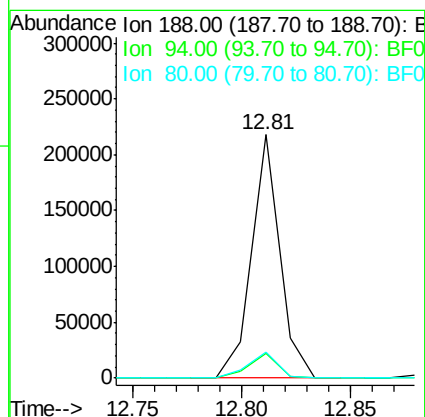
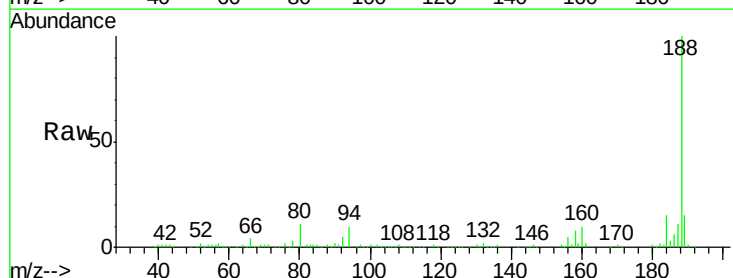
Instrument :
BNA_F
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1504233023

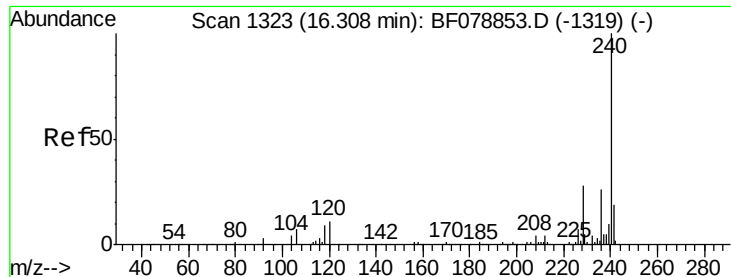
Tot Ion:172 Resp: 403635
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.9 19.4 29.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079241.D
Acq: 14 May 2015 19:23

Tgt Ion:188 Resp: 196580
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.0
80 10.7 9.8 14.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.11 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

Instrument :

BNA_F

ClientSampleId :

1504233023

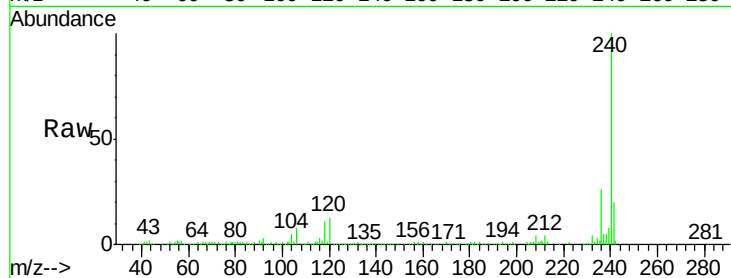
Tot Ion:240 Resp: 210174

Ion Ratio Lower Upper

240 100

120 13.1 8.6 12.8#

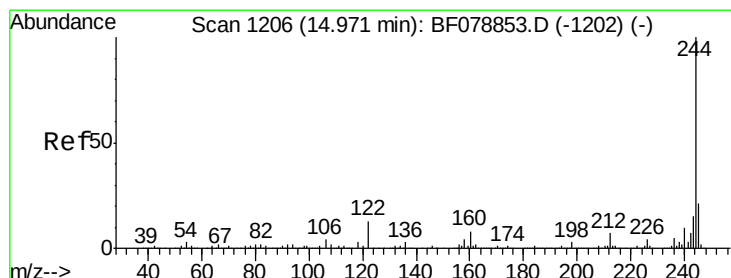
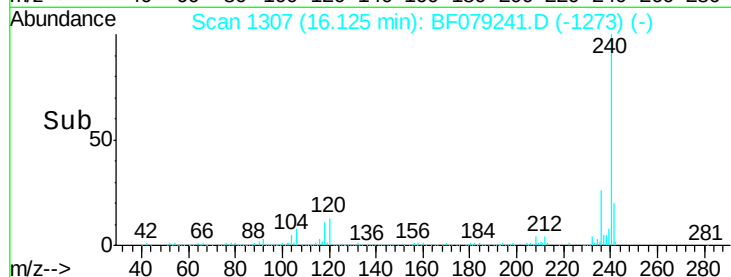
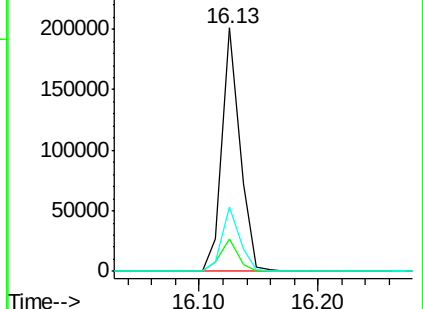
236 26.3 21.0 31.6



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: 55.31 ng

RT: 14.81 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF079241.D

Acq: 14 May 2015 19:23

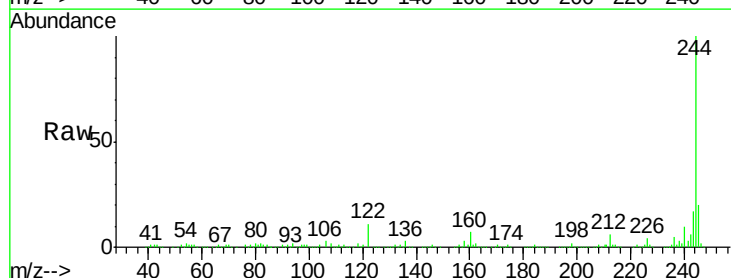
Tgt Ion:244 Resp: 485566

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

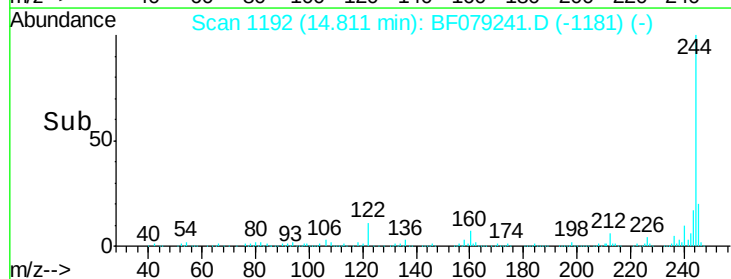
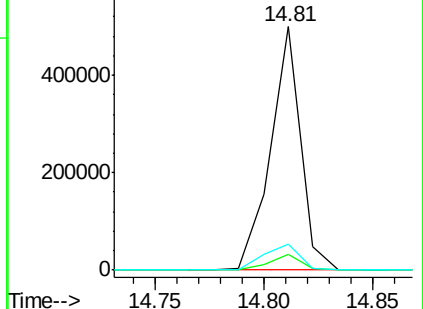
122 10.6 10.5 15.7

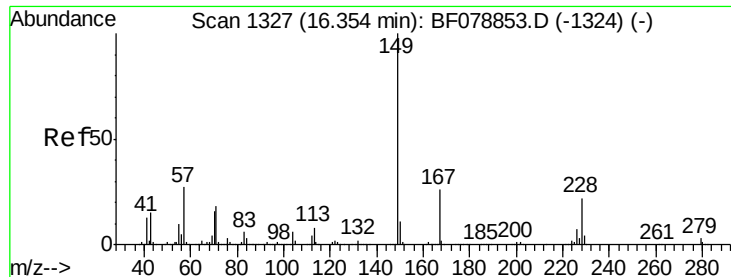


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

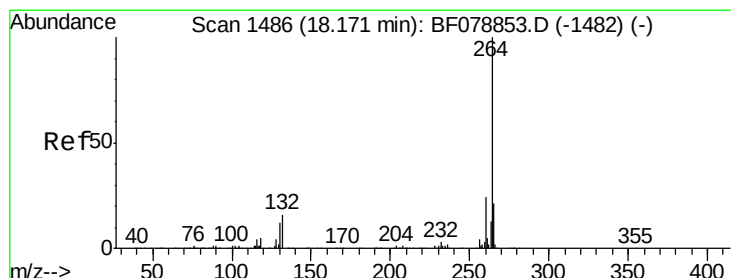
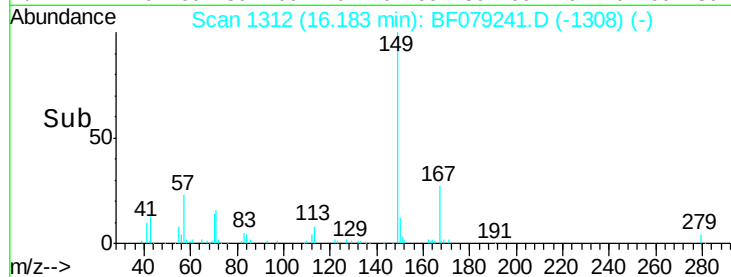
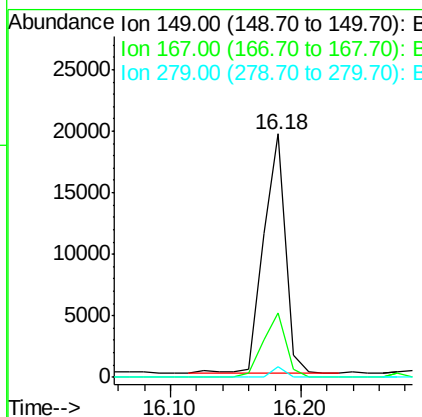
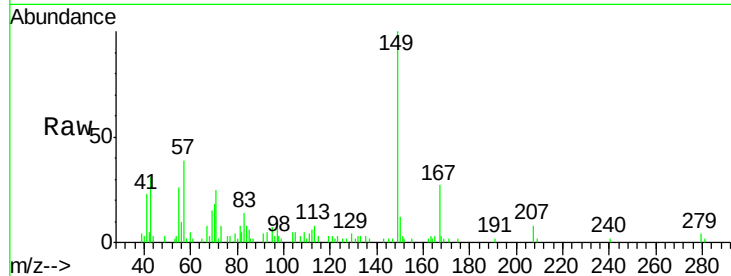




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.85 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. -0.13 min
 Lab File: BF079241.D
 Acq: 14 May 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 1504233023

Tot Ion:149 Resp: 22836
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.2 31.8
 279 4.4 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. -0.33 min
 Lab File: BF079241.D
 Acq: 14 May 2015 19:23

Tgt Ion:264 Resp: 228183
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.2 25.8

