

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087979.D
 Acq On : 13 Jun 2016 13:11
 Operator : UM/SJ
 Sample : H3438-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jun 13 15:14:51 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 13:51:32 2016
 Response via : Initial Calibration

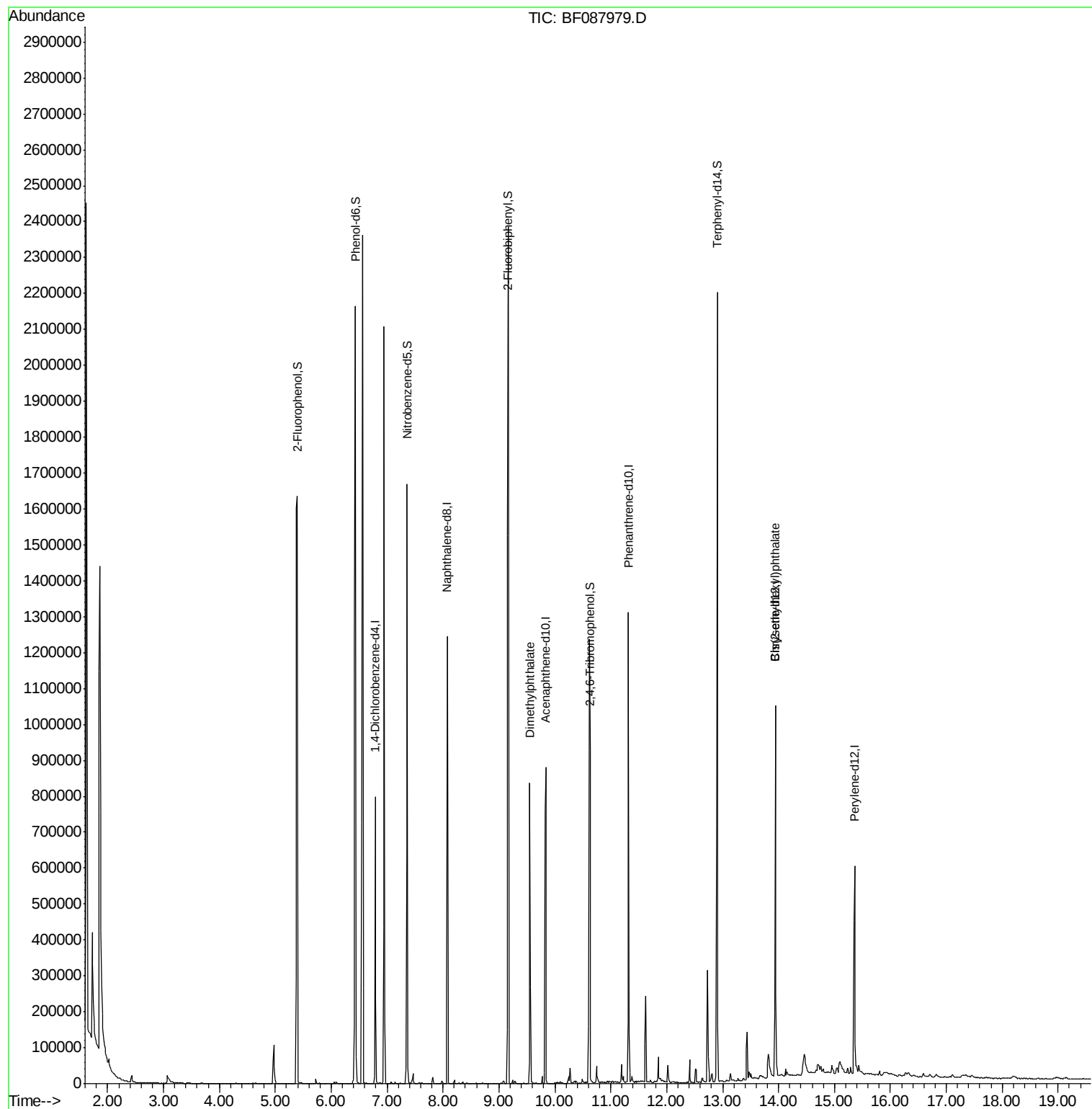
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125392	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	536499	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247658	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	435128	20.00	ng	0.00
75) Chrysene-d12	13.94	240	298341	20.00	ng	0.00
86) Perylene-d12	15.36	264	272734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	774976	105.66	ng	0.00
7) Phenol-d6	6.43	99	946975	106.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	583783	63.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	217949	83.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	978320	60.46	ng	0.00
78) Terphenyl-d14	12.90	244	683004	52.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	381982	21.29	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	38678	3.25	ng	# 97

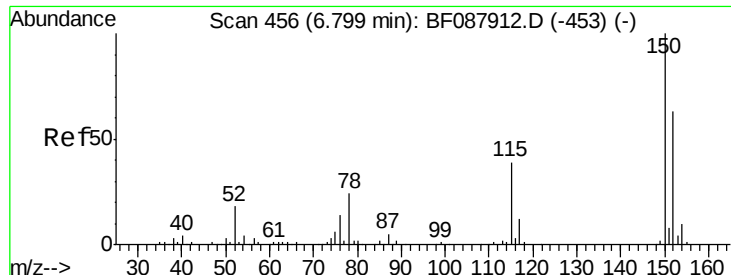
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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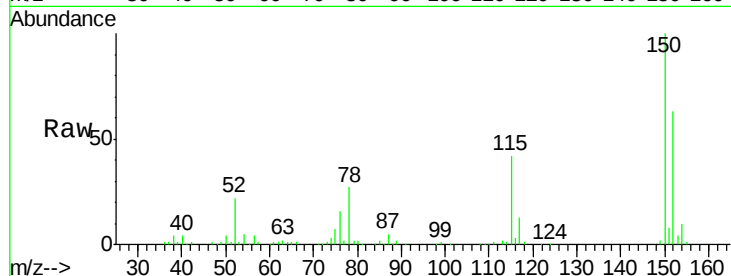


#1

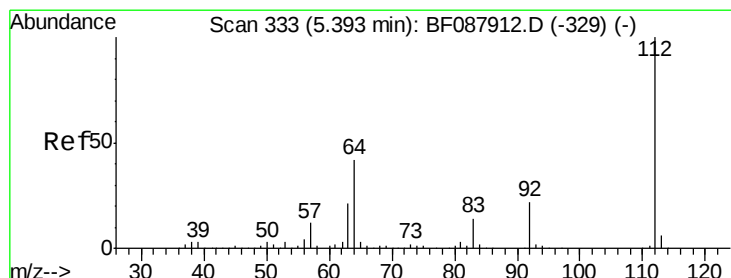
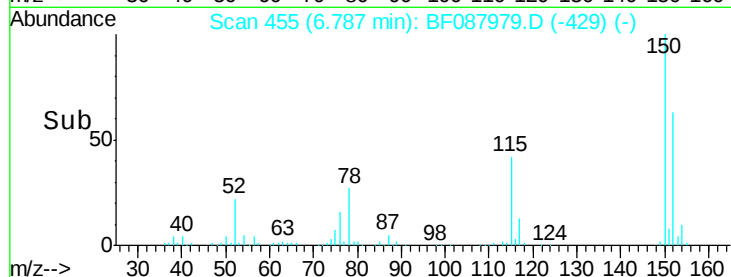
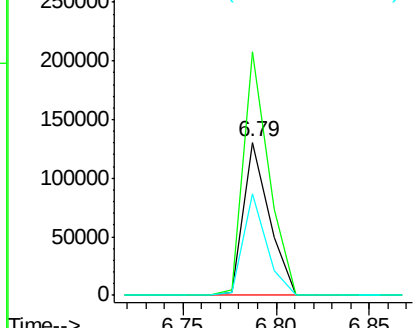
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	66.6	39.6	59.4



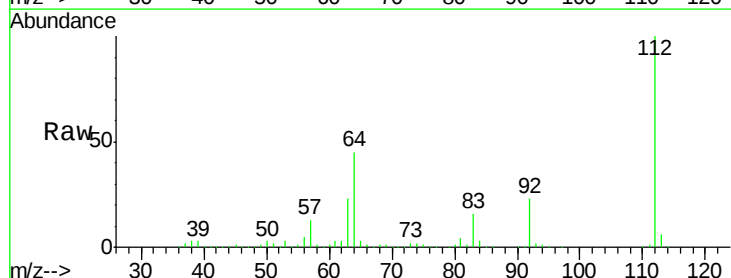
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



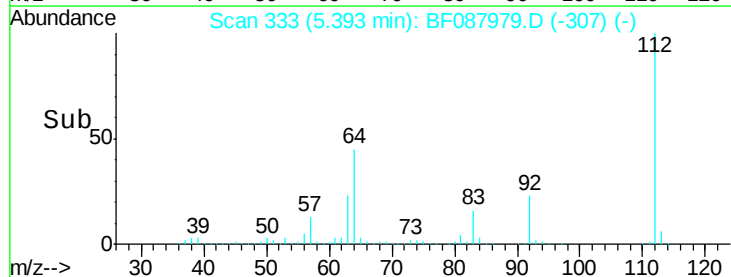
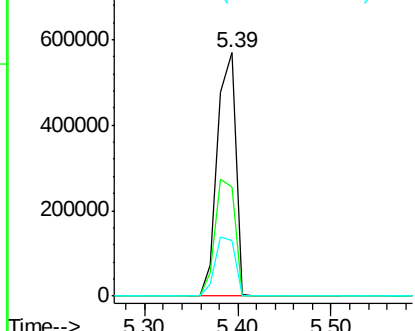
#5

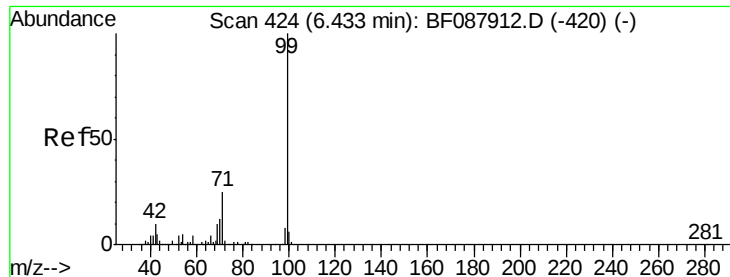
2-Fluorophenol
Concen: 105.66 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF087979.D
Acq: 13 Jun 2016 13:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.1	42.2	63.2
63	22.6	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: 106.53 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

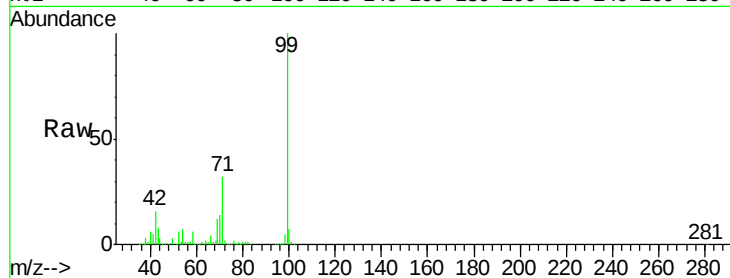
Tot Ion: 99 Resp: 946975

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

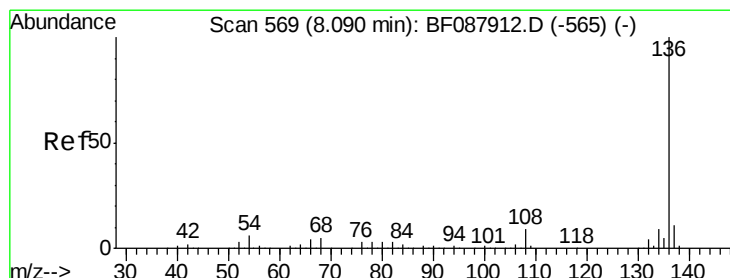
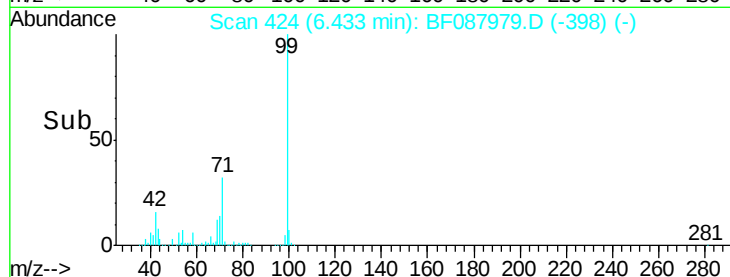
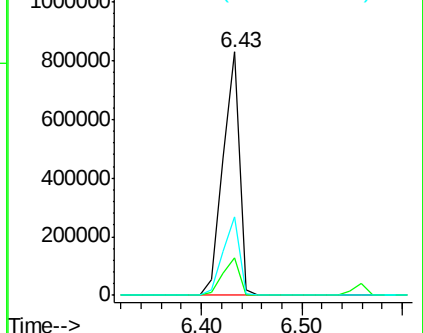
71 32.4 23.4 35.0



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: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Tgt Ion: 136 Resp: 536499

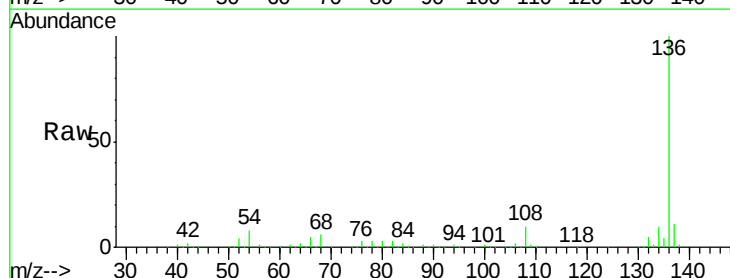
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 6.6 10.0

68 6.3 5.1 7.7

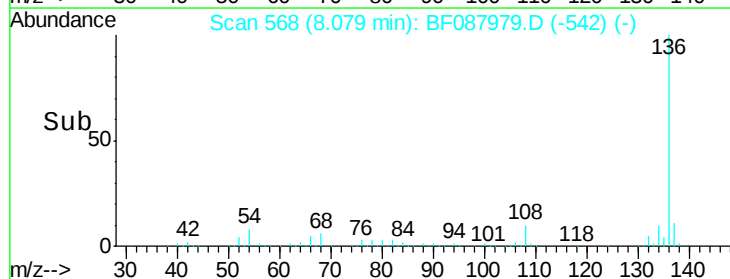
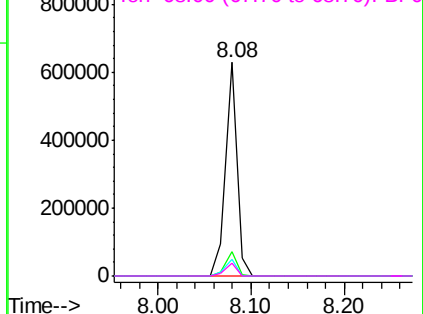


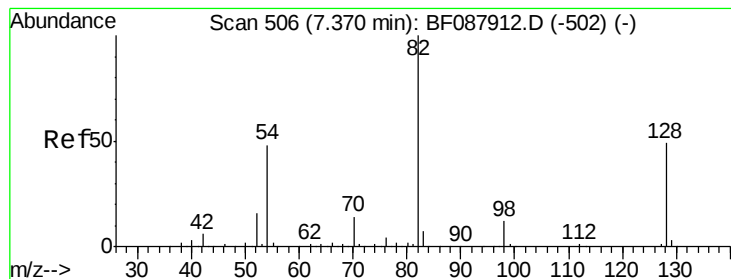
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.54 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

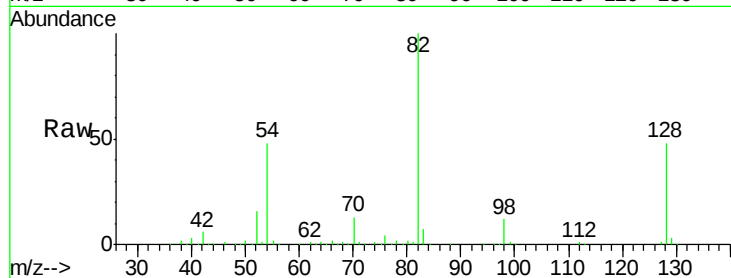
Tot Ion: 82 Resp: 583783

Ion Ratio Lower Upper

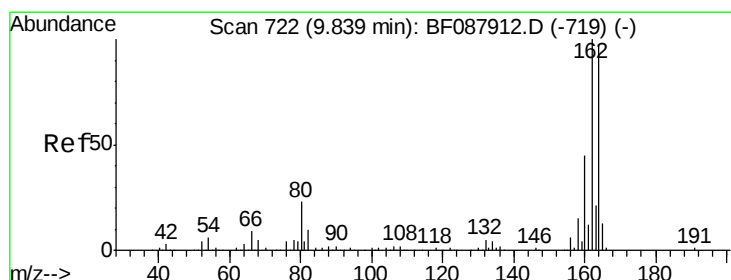
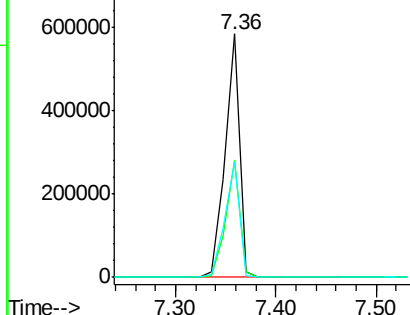
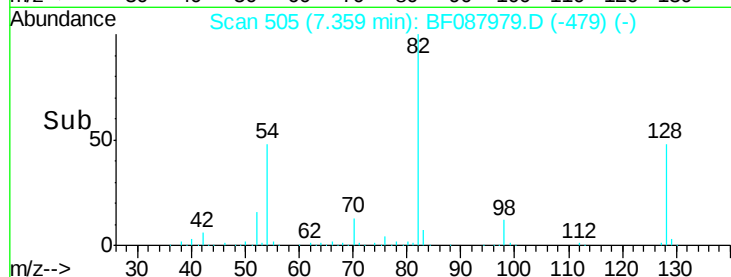
82 100

128 47.8 35.9 53.9

54 47.6 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

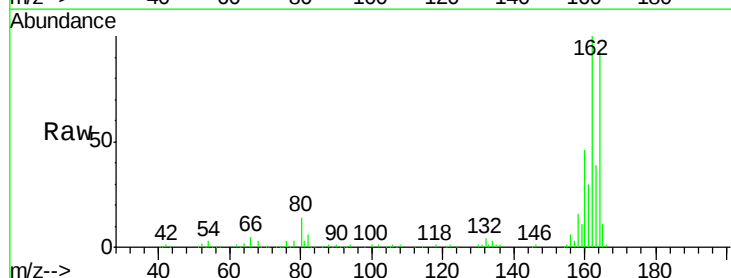
Tgt Ion:164 Resp: 247658

Ion Ratio Lower Upper

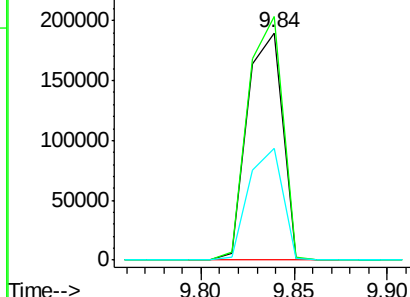
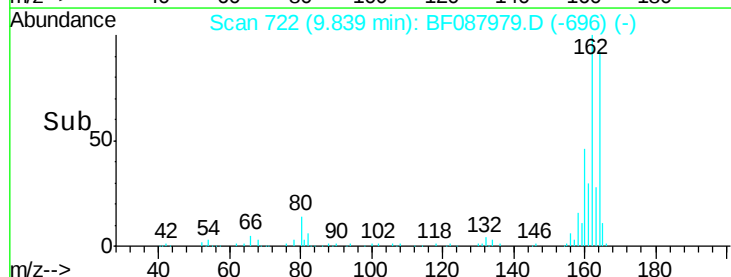
164 100

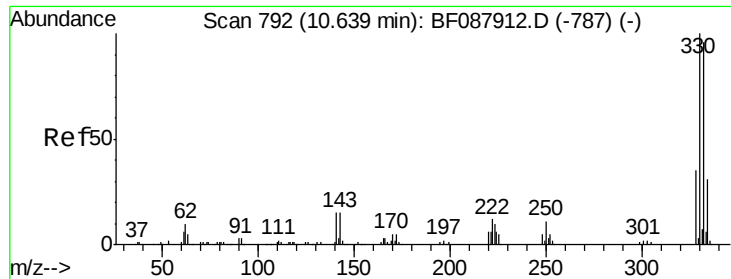
162 107.3 85.4 128.2

160 49.3 39.5 59.3



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

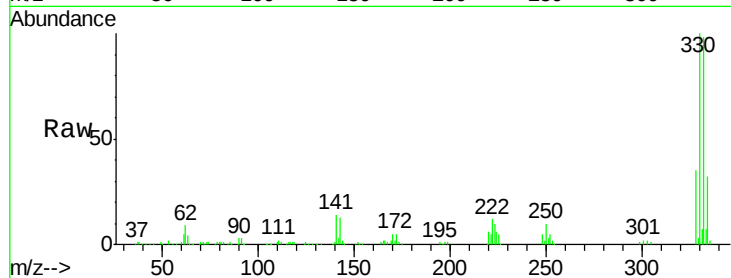




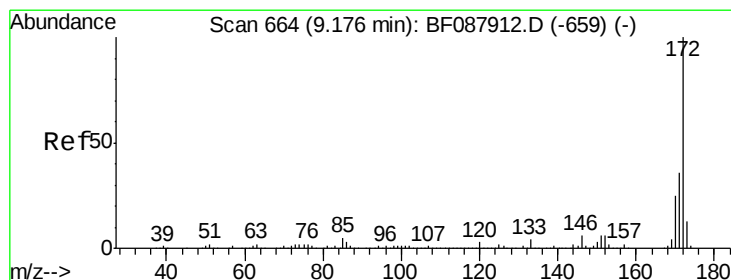
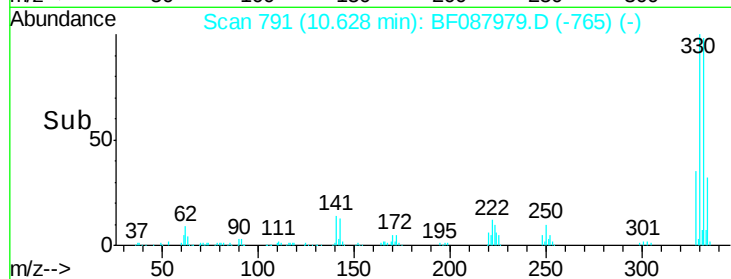
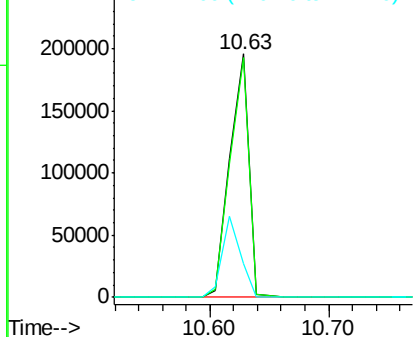
#41
 2,4,6-Tribromophenol
 Concen: 83.35 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	32.2	0.0	0.0#

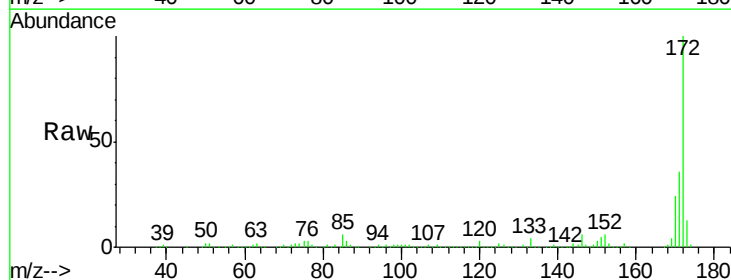


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

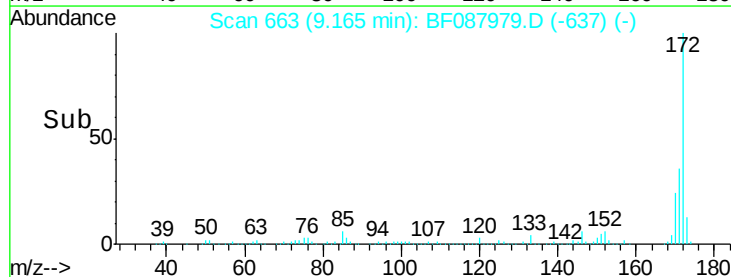
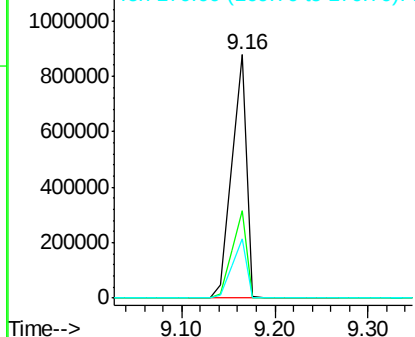


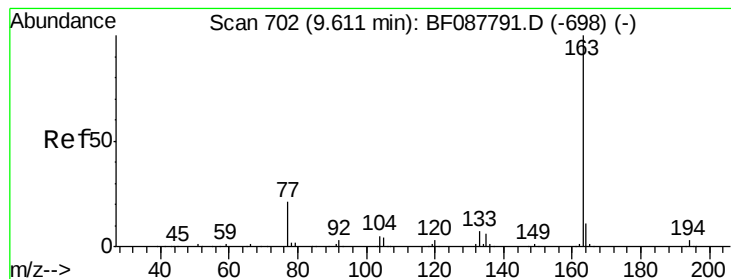
#44
 2-Fluorobiphenyl
 Concen: 60.46 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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: 21.29 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

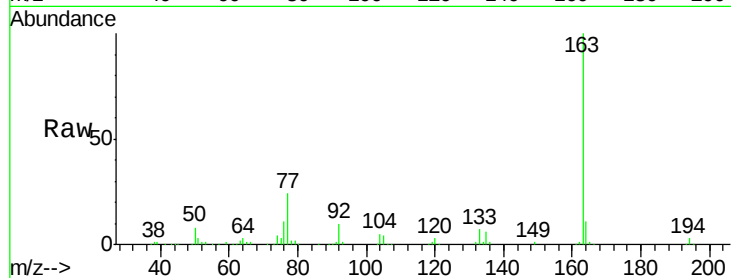
Tot Ion:163 Resp: 381982

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

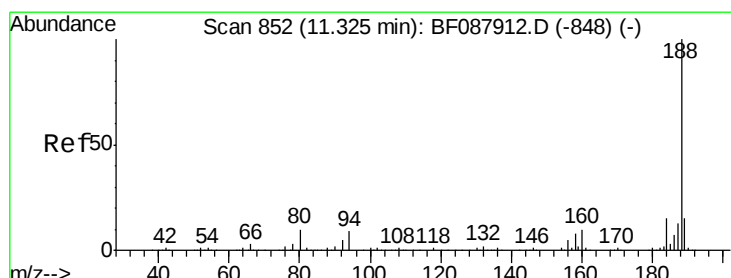
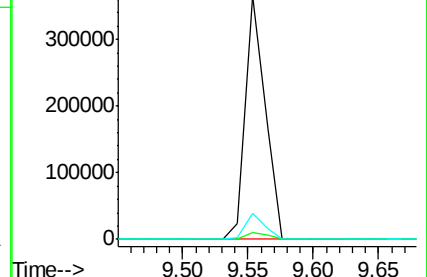
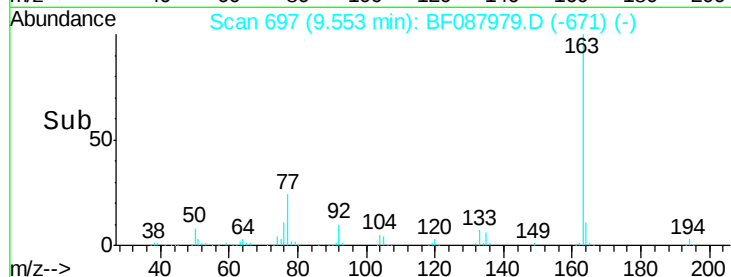
164 10.6 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

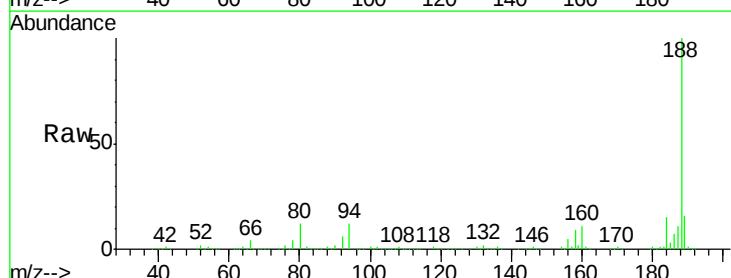
Tgt Ion:188 Resp: 435128

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

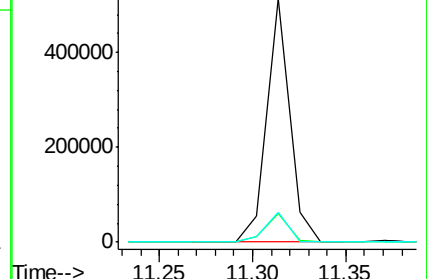
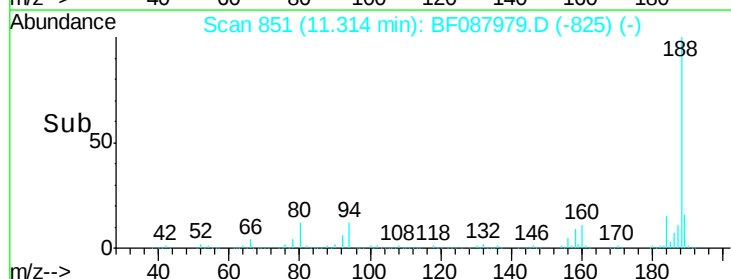
80 12.3 10.0 15.0

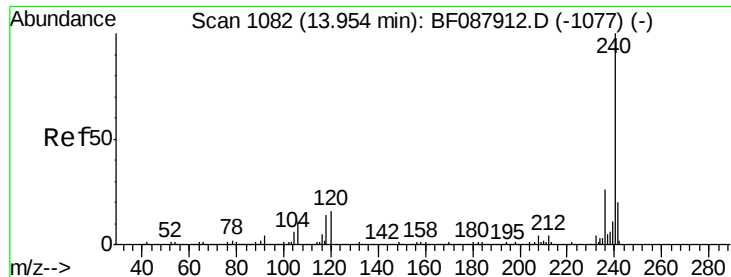


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

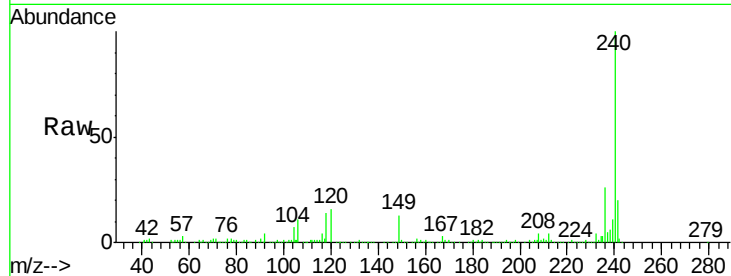
Tot Ion:240 Resp: 298341

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

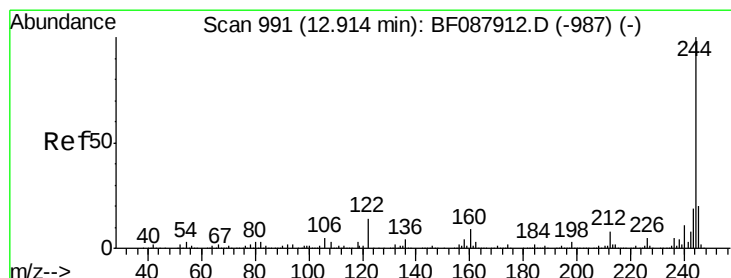
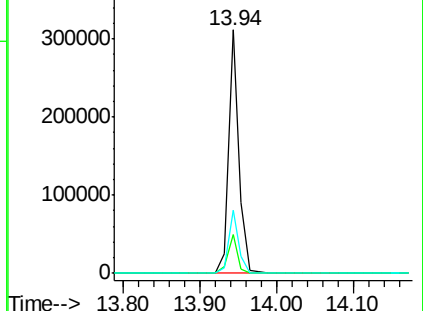
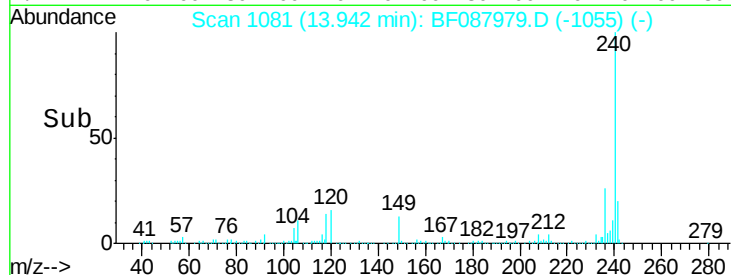
236 25.9 20.2 30.2



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: 52.10 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF087979.D

Acq: 13 Jun 2016 13:11

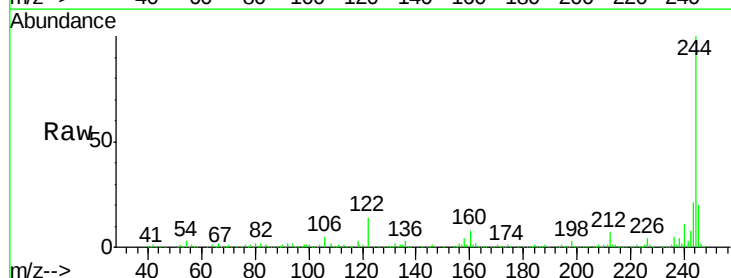
Tgt Ion:244 Resp: 683004

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

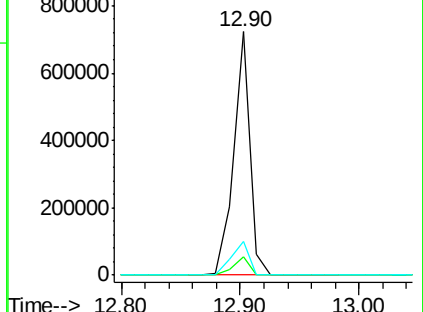
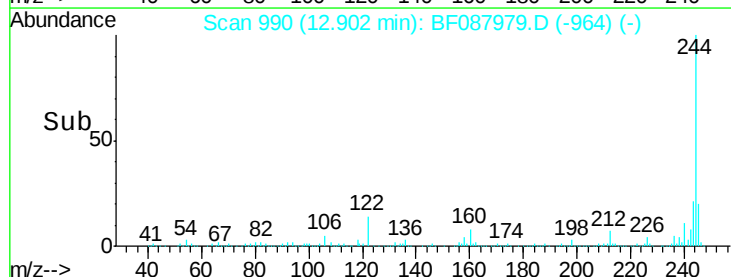
122 13.6 11.2 16.8

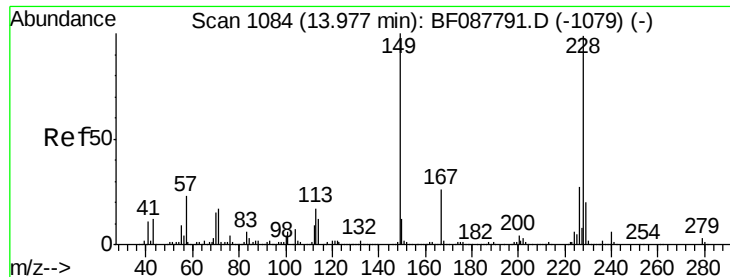


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

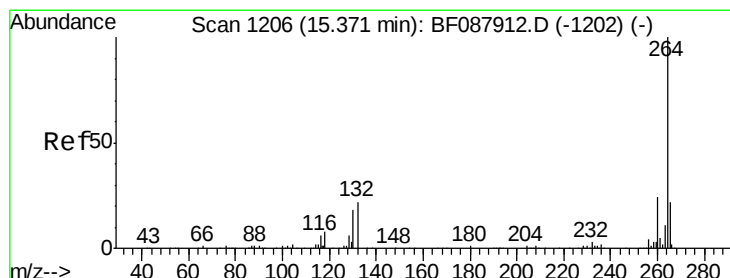
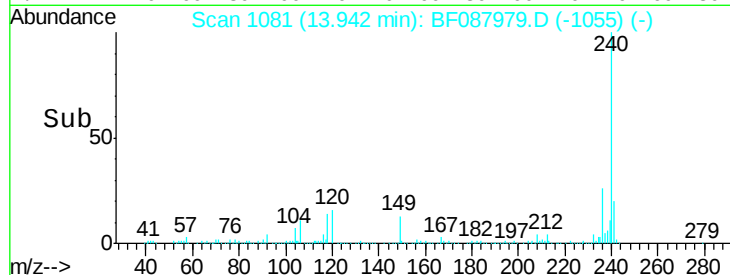
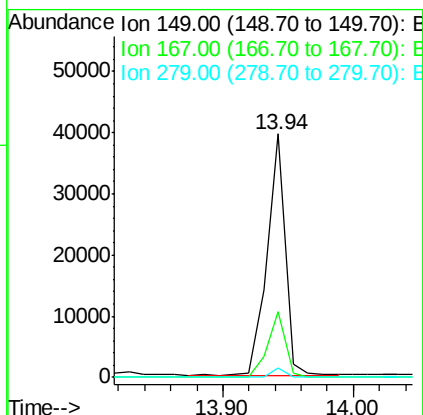
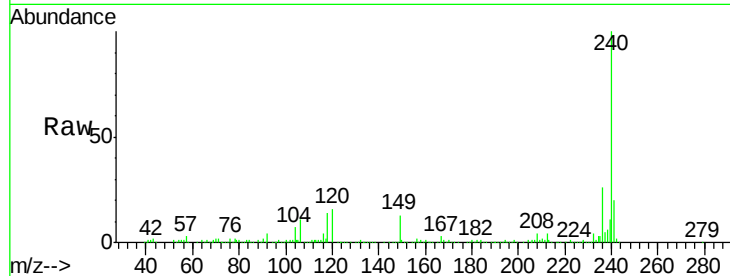




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.25 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion:149 Resp: 38678
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.5 30.7
 279 3.7 2.0 3.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF087979.D
 Acq: 13 Jun 2016 13:11

Tgt Ion:264 Resp: 272734
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 16.9 25.3

