

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087021.D
 Acq On : 14 May 2016 15:44
 Operator : UM/SJ
 Sample : H2990-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Quant Time: May 16 02:13:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

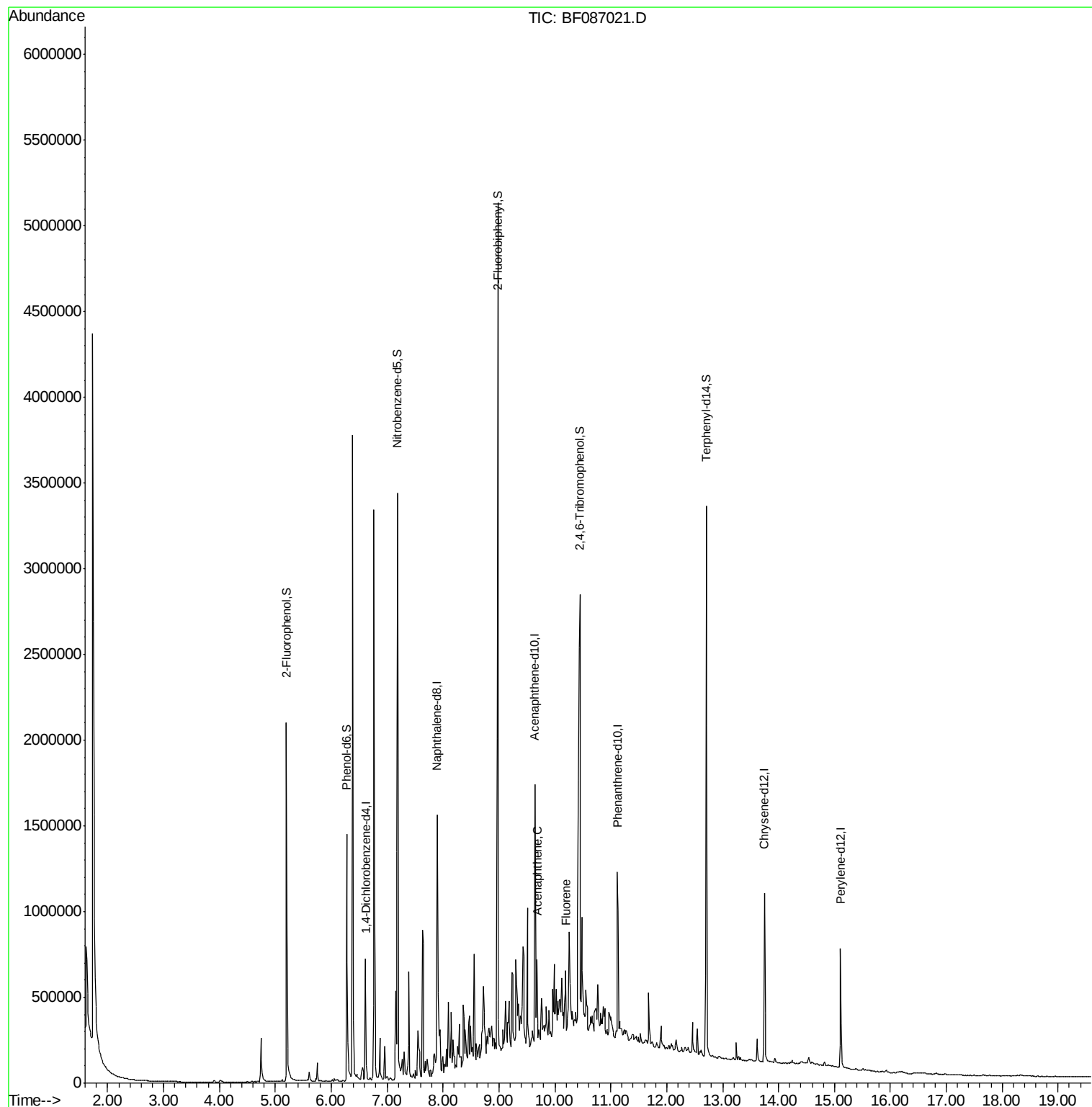
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	140627	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	563713	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	267805	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	460333	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	333712	20.00	ng	-0.01
86) Perylene-d12	15.11	264	280242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	590927	71.16	ng	0.00
7) Phenol-d6	6.27	99	559715	50.43	ng	-0.01
23) Nitrobenzene-d5	7.19	82	990517	88.23	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	432076	152.40	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1520131	95.40	ng	0.00
78) Terphenyl-d14	12.71	244	1241269	78.92	ng	0.00
Target Compounds						
51) Acenaphthene	9.68	154	68973	4.52	ng	Qvalue 98
57) Fluorene	10.19	166	82468	4.93	ng	# 96

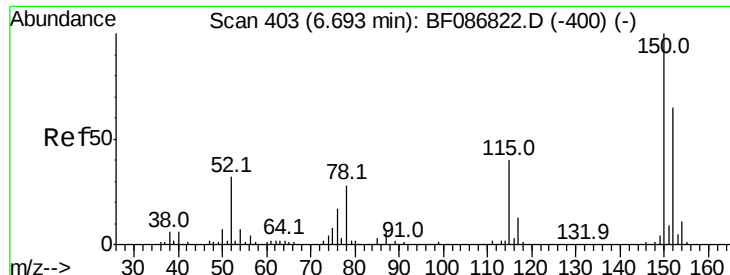
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087021.D
Acq On : 14 May 2016 15:44
Operator : UM/SJ
Sample : H2990-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Quant Time: May 16 02:13:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

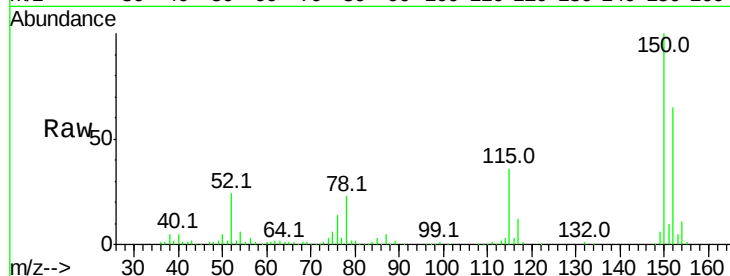
Tot Ion:152 Resp: 140627

Ion Ratio Lower Upper

152 100

150 153.9 125.8 188.6

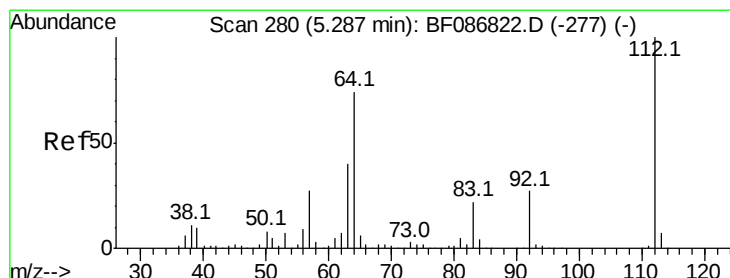
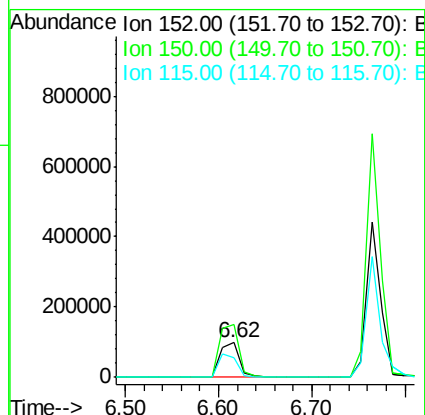
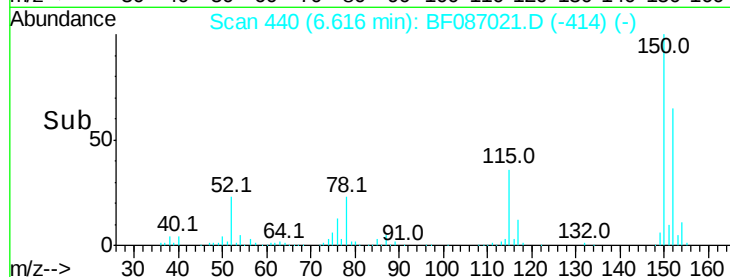
115 56.0 51.5 77.3



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: 71.16 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

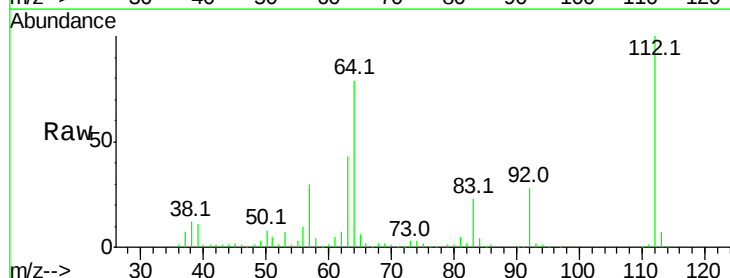
Tgt Ion:112 Resp: 590927

Ion Ratio Lower Upper

112 100

64 78.7 52.1 78.1#

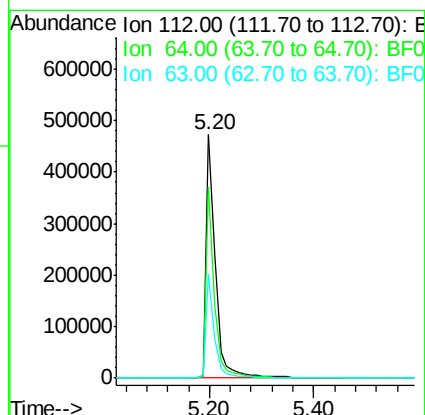
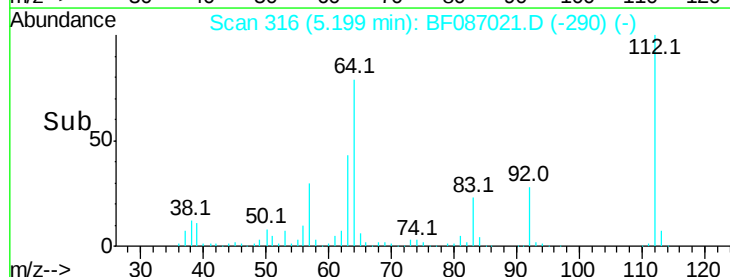
63 42.9 25.7 38.5#

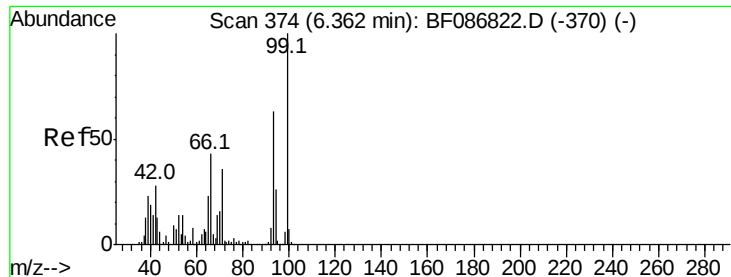


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

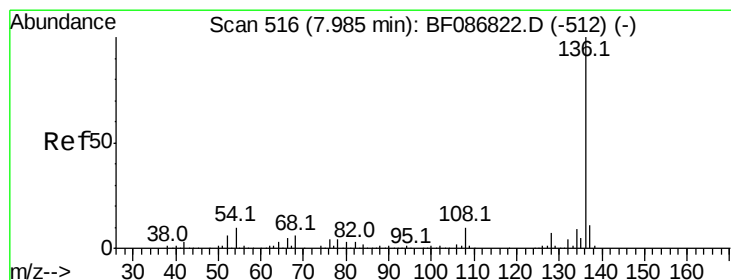
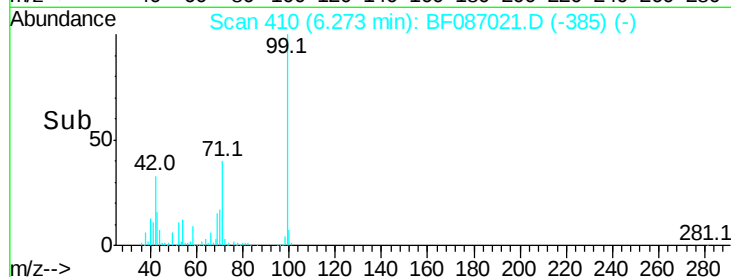
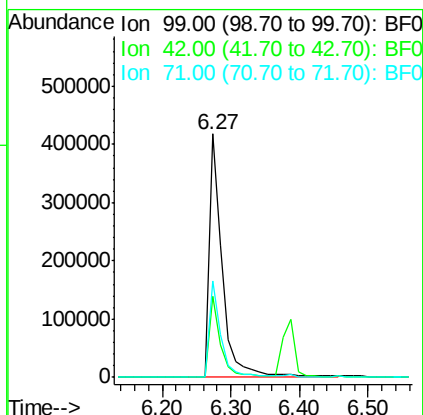
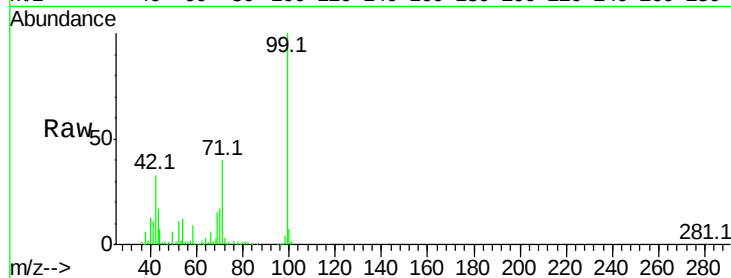
Tot Ion: 99 Resp: 559715

Ion Ratio Lower Upper

99 100

42 33.1 13.6 20.4#

71 39.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Tgt Ion: 136 Resp: 563713

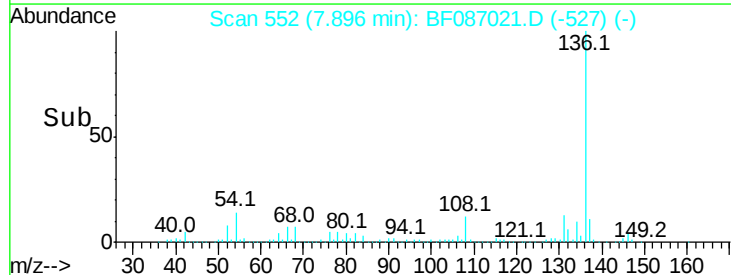
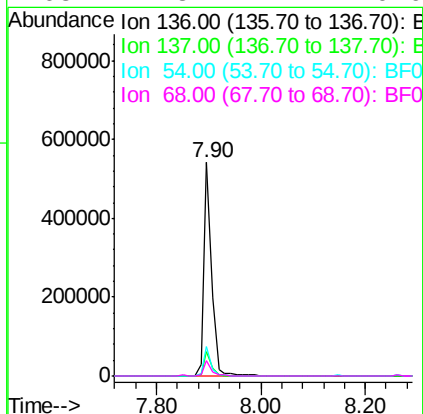
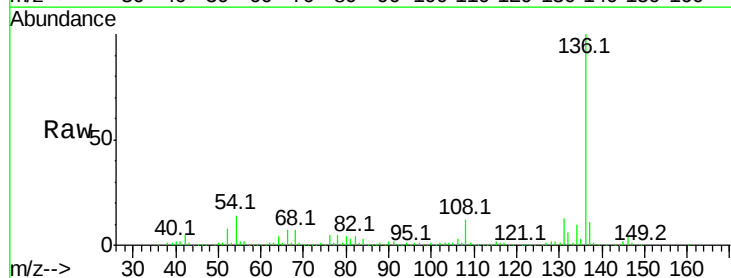
Ion Ratio Lower Upper

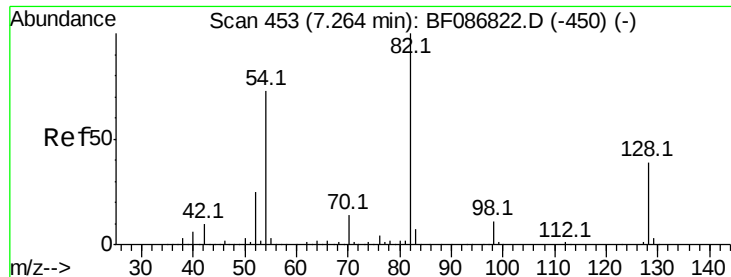
136 100

137 11.1 8.8 13.2

54 14.1 5.0 7.4#

68 7.3 4.4 6.6#

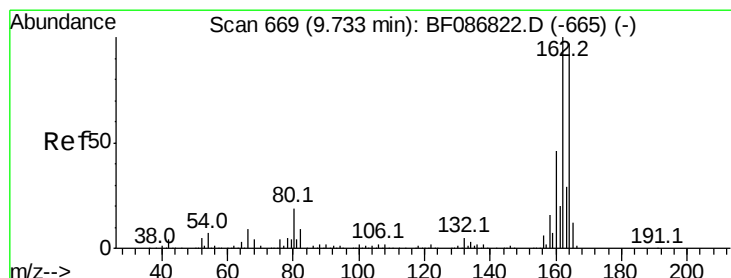
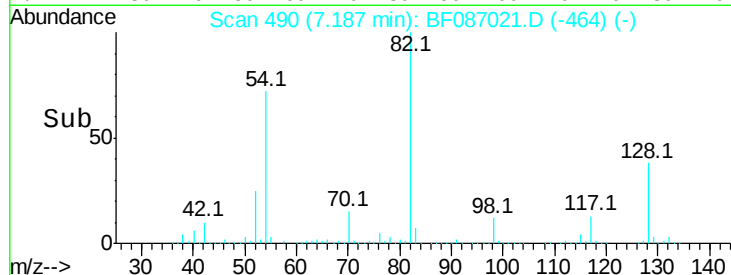
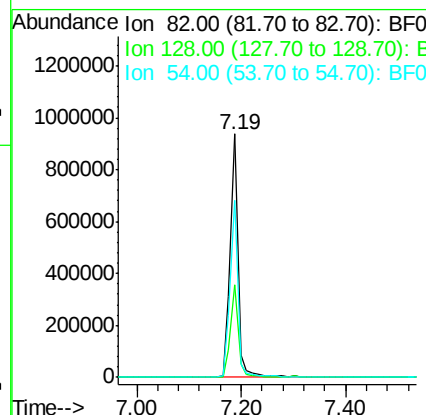
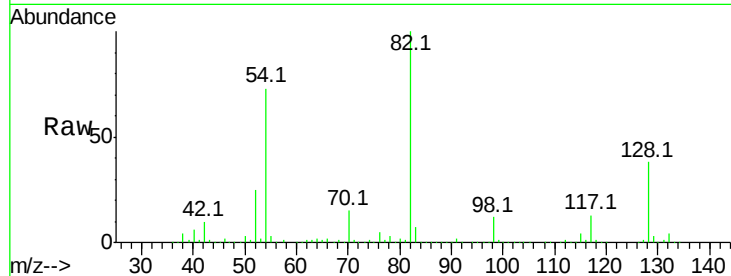




#23
Nitrobenzene-d5
Concen: 88.23 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087021.D
Acq: 14 May 2016 15:44

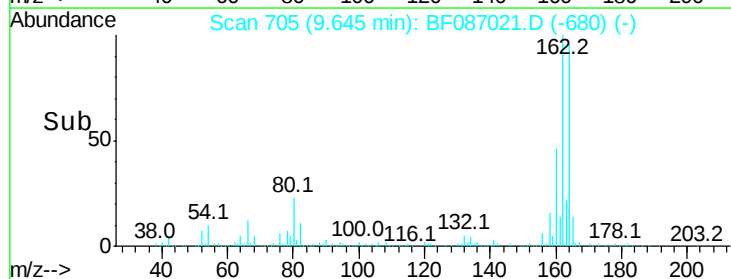
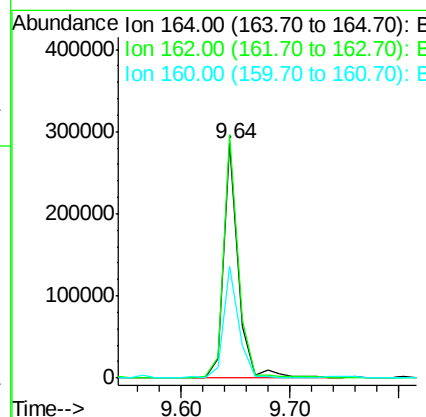
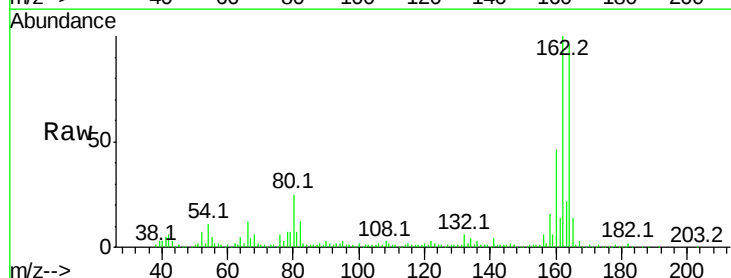
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tot Ion: 82 Resp: 990517
Ion Ratio Lower Upper
82 100
128 38.2 40.6 61.0#
54 72.5 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087021.D
Acq: 14 May 2016 15:44

Tgt Ion: 164 Resp: 267805
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 47.7 36.9 55.3

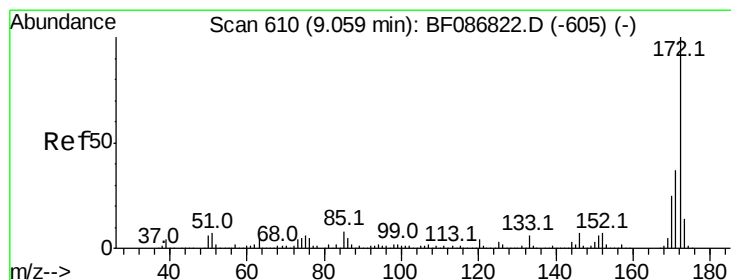
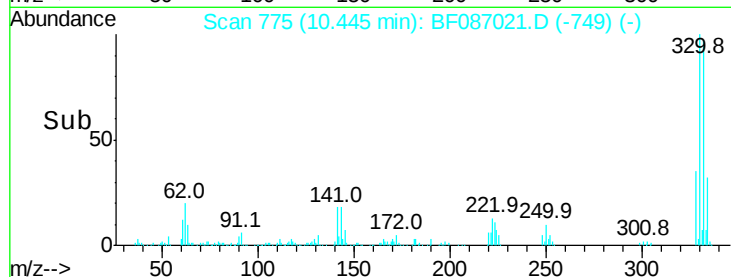
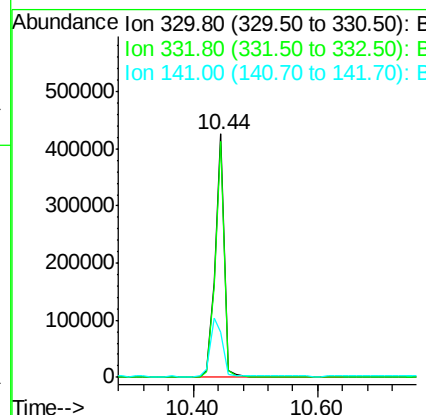
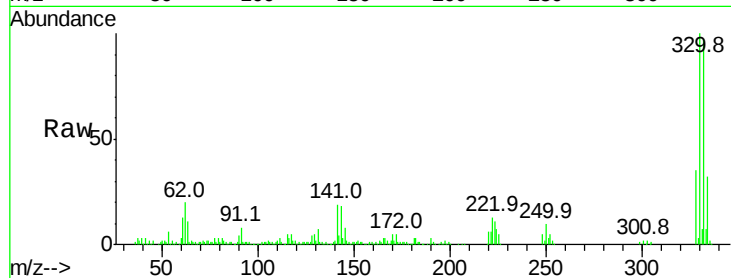




#41
 2,4,6-Tribromophenol
 Concen: 152.40 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087021.D
 Acq: 14 May 2016 15:44

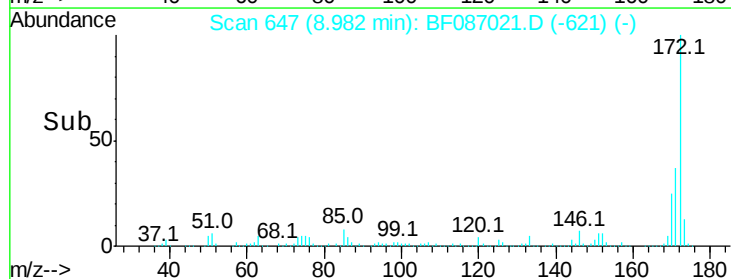
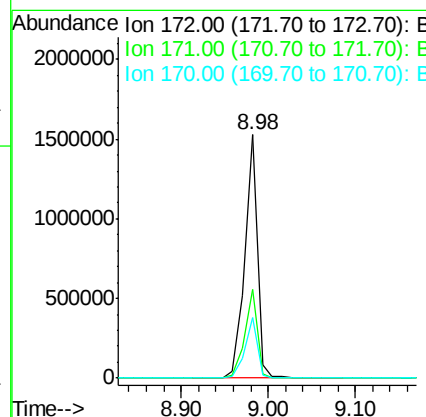
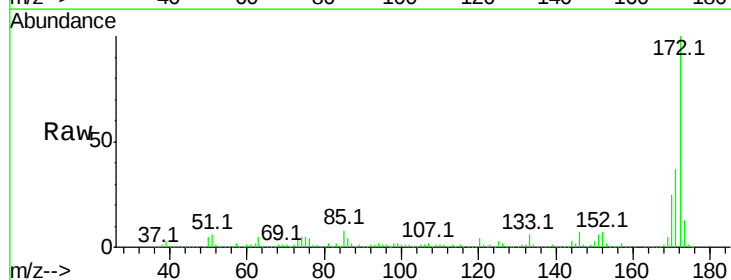
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

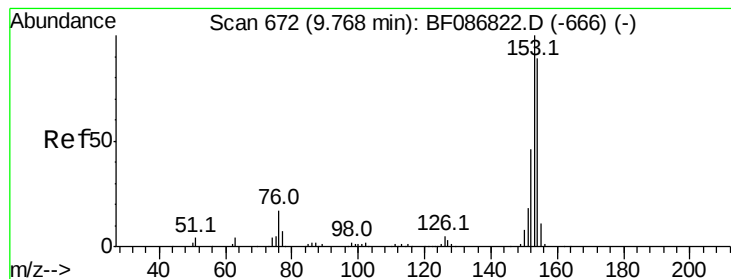
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	32.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 95.40 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087021.D
 Acq: 14 May 2016 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.8	19.8	29.8





#51

Acenaphthene

Concen: 4.52 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

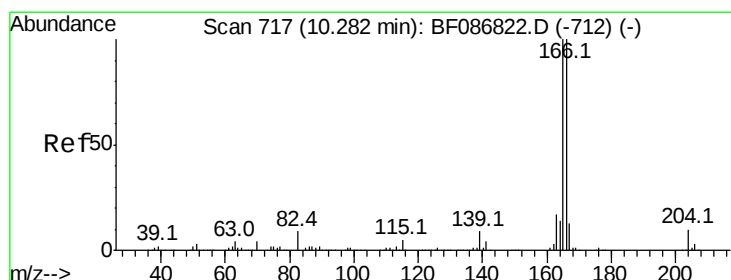
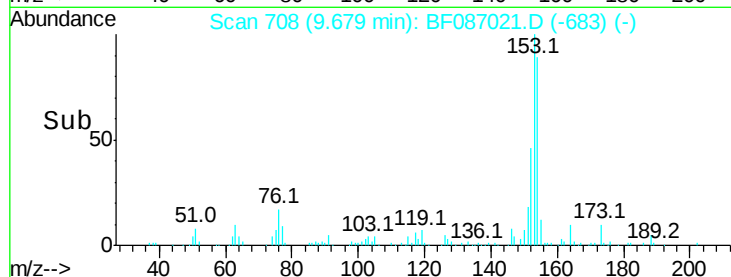
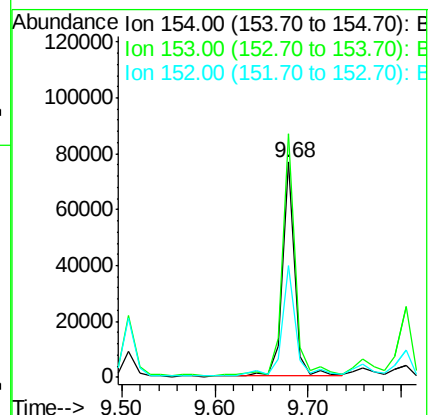
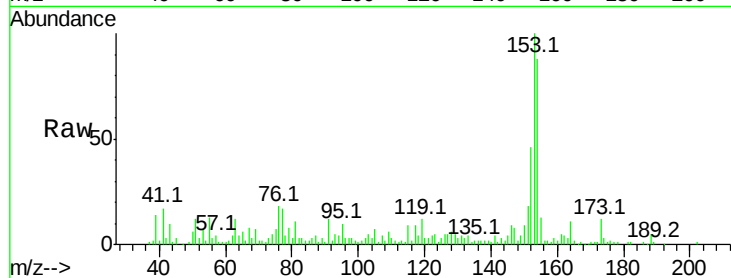
Tot Ion:154 Resp: 68973

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

152 51.7 43.4 65.0



#57

Fluorene

Concen: 4.93 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

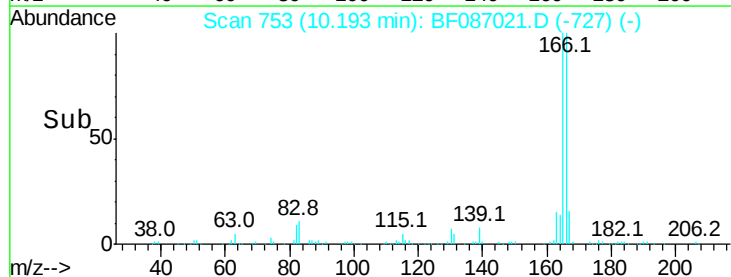
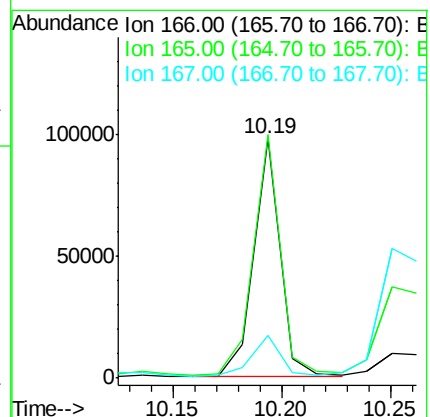
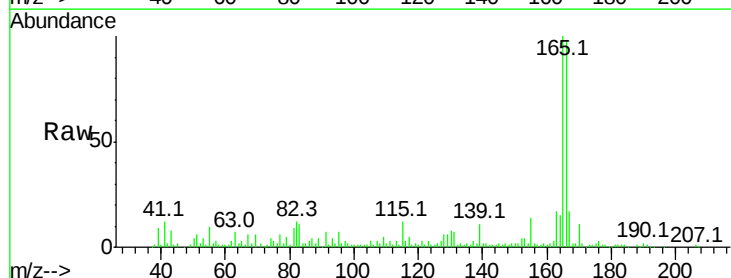
Tgt Ion:166 Resp: 82468

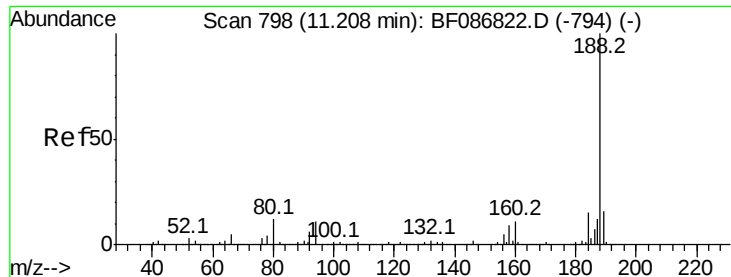
Ion Ratio Lower Upper

166 100

165 101.6 79.0 118.6

167 17.7 10.6 15.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

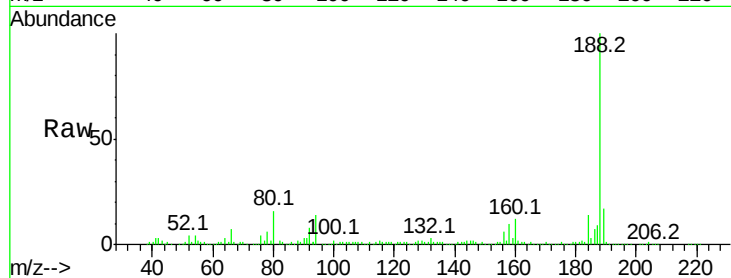
Tot Ion:188 Resp: 460333

Ion Ratio Lower Upper

188 100

94 14.1 6.8 10.2#

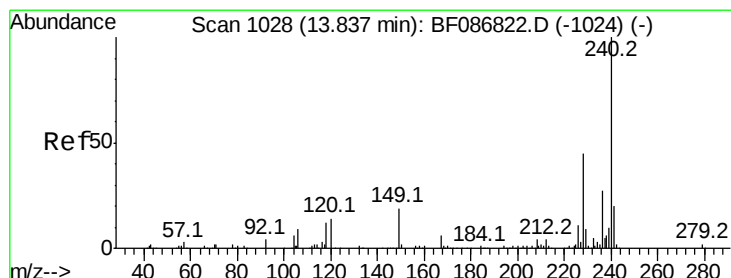
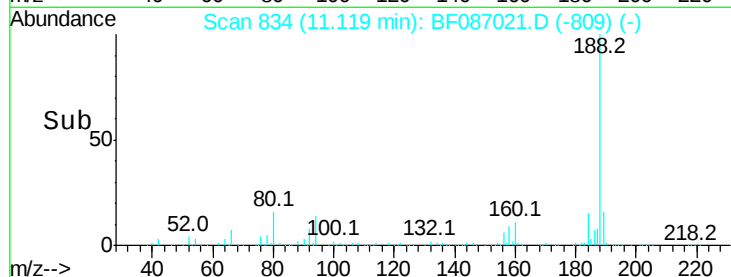
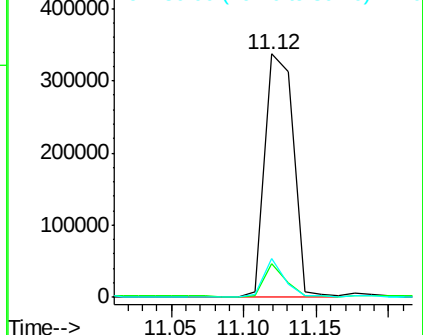
80 16.0 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

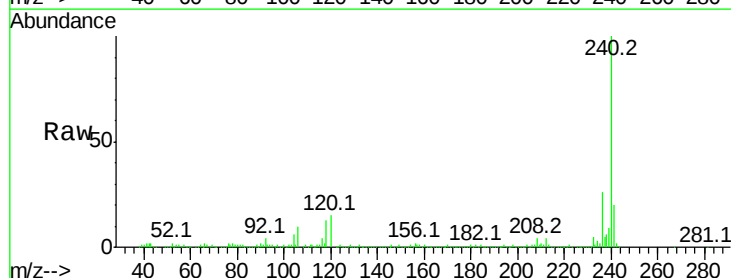
Tgt Ion:240 Resp: 333712

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

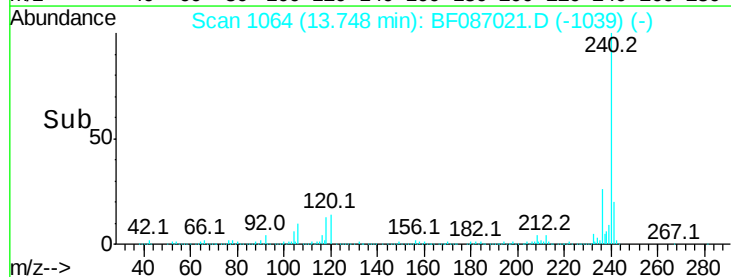
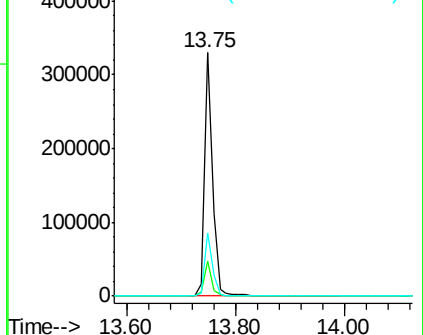
236 26.1 21.2 31.8

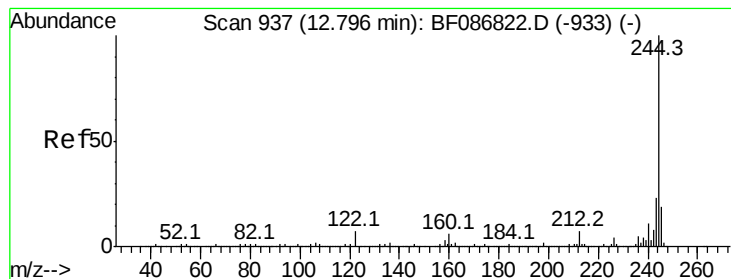


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.92 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

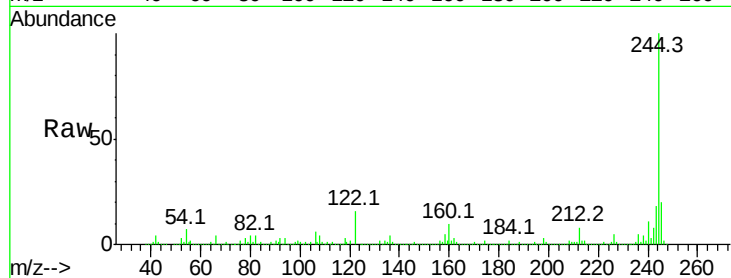
Tot Ion:244 Resp: 1241269

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

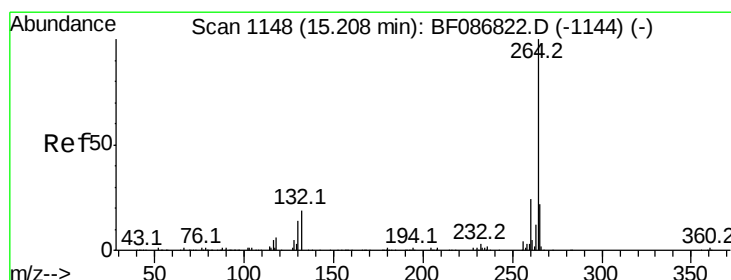
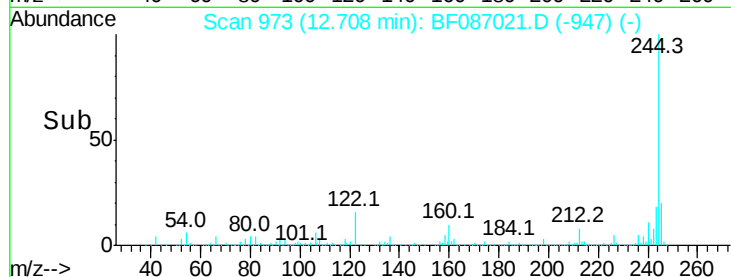
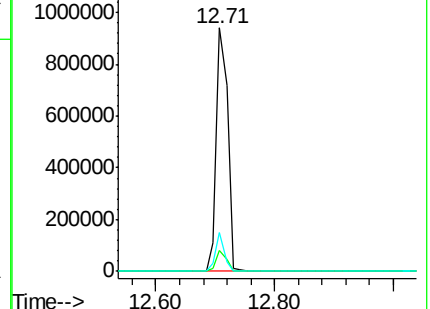
122 15.7 12.0 18.0



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: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF087021.D

Acq: 14 May 2016 15:44

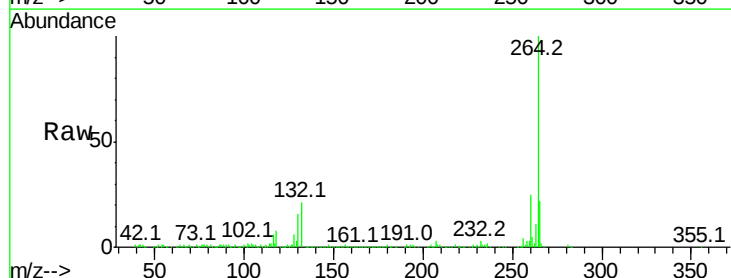
Tgt Ion:264 Resp: 280242

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

