

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082537.D
 Acq On : 27 Oct 2015 7:59
 Operator : UM/IZ
 Sample : G4116-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Quant Time: Oct 27 10:10:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

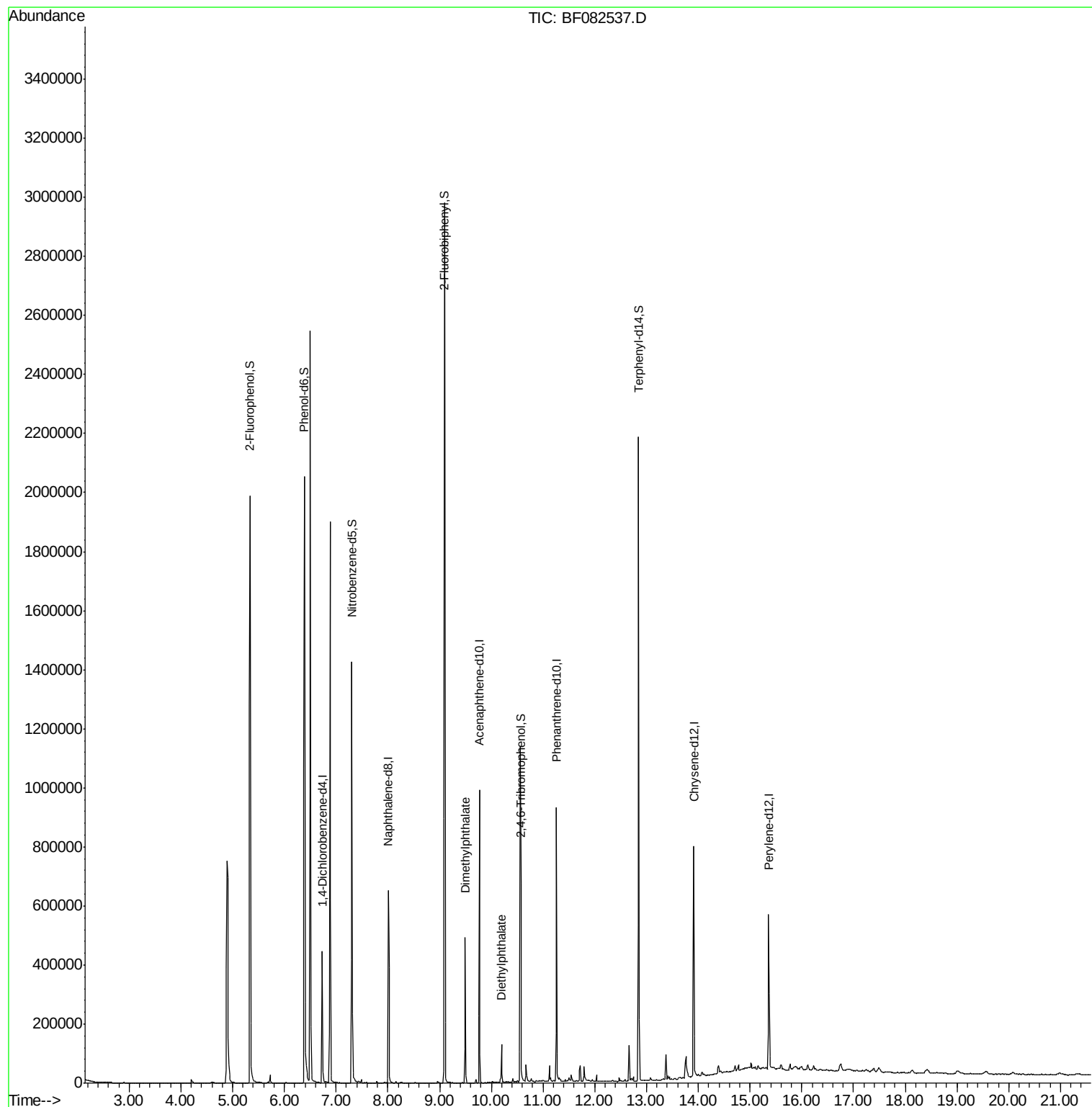
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	102068	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	385326	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204508	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	347043	20.00	ng	0.00
75) Chrysene-d12	13.91	240	285987	20.00	ng	0.00
86) Perylene-d12	15.36	264	235417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	721968	139.64	ng	0.02
7) Phenol-d6	6.39	99	904949	134.29	ng	0.01
23) Nitrobenzene-d5	7.30	82	521372	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	164154	107.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	969241	75.36	ng	0.00
78) Terphenyl-d14	12.85	244	682504	68.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	213776	15.02	ng	99
59) Diethylphthalate	10.19	149	36808	2.66	ng	99

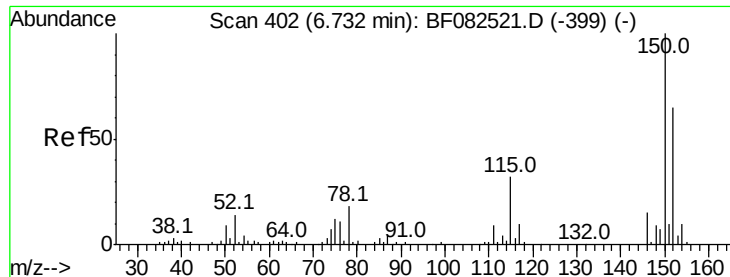
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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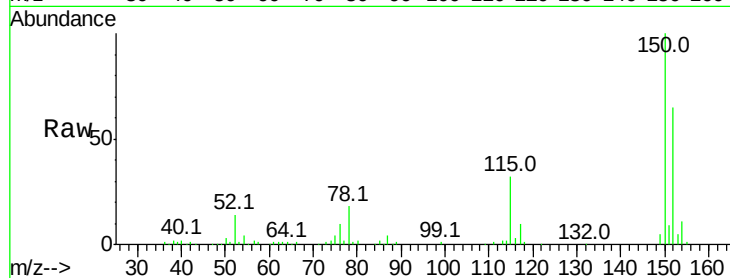


#1

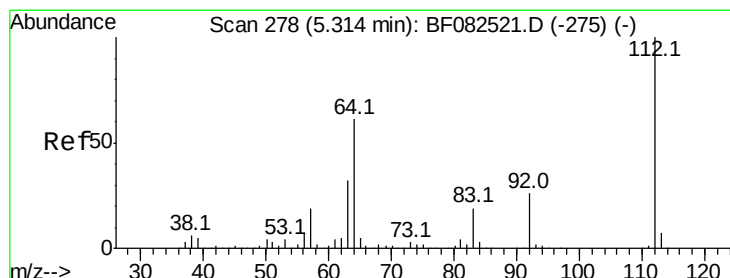
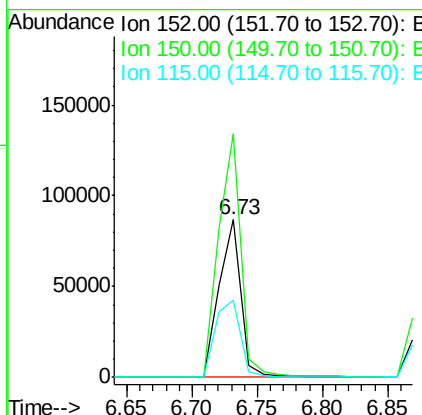
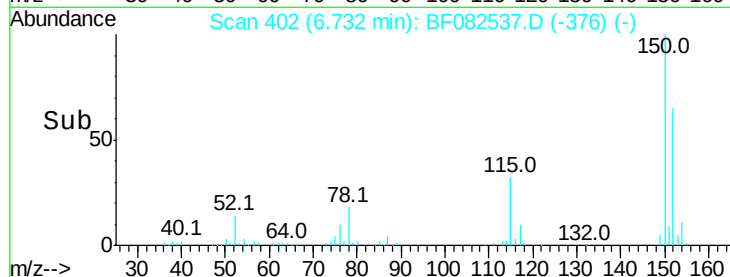
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tot Ion:152 Resp: 102068
Ion Ratio Lower Upper
152 100
150 154.8 123.4 185.0
115 49.4 39.0 58.4



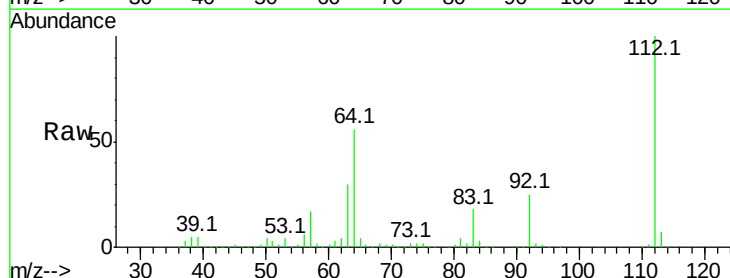
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



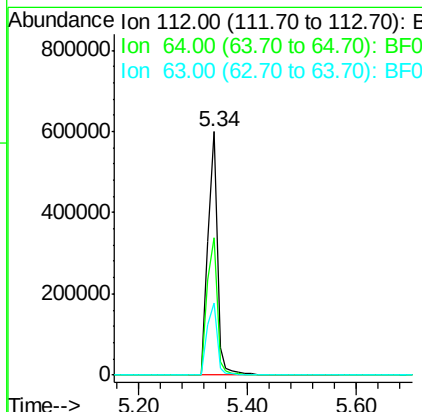
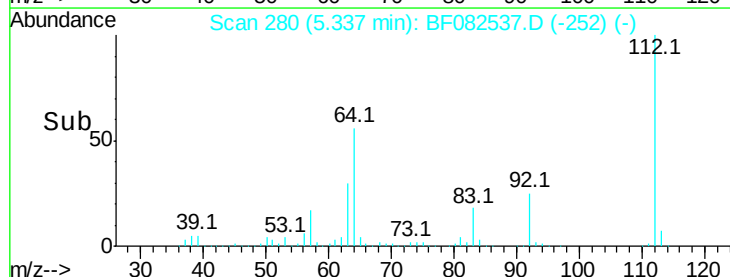
#5

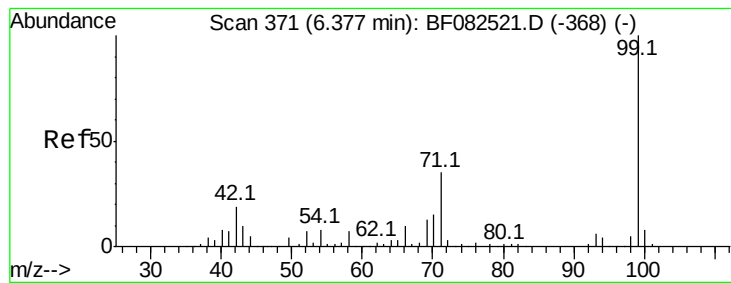
2-Fluorophenol
Concen: 139.64 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Tgt Ion:112 Resp: 721968
Ion Ratio Lower Upper
112 100
64 56.2 49.0 73.4
63 29.6 25.8 38.6



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: 134.29 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

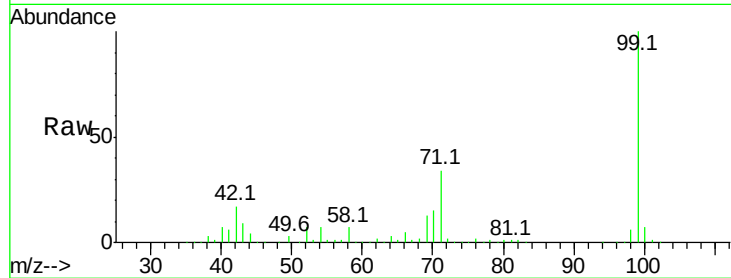
Tot Ion: 99 Resp: 904949

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

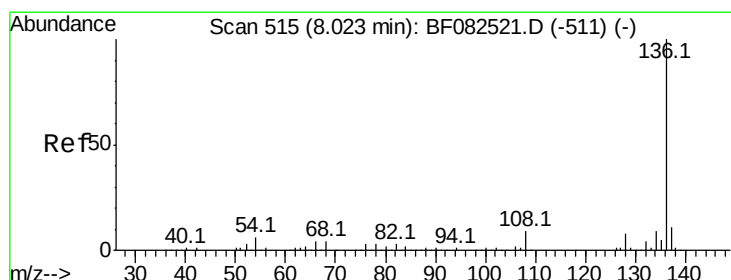
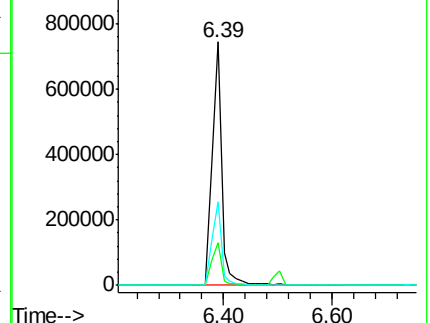
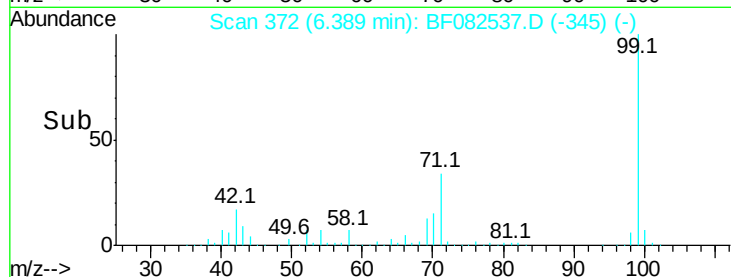
71 34.4 28.2 42.2



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: 8.01 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Tgt Ion:136 Resp: 385326

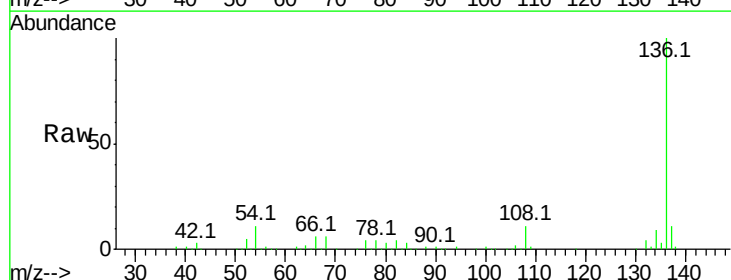
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 10.6 4.6 7.0#

68 6.3 3.2 4.8#

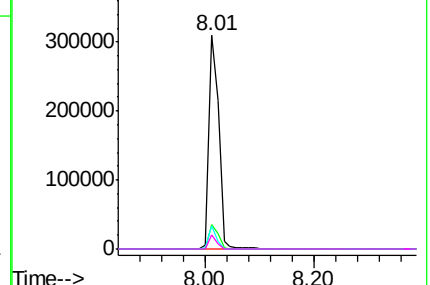
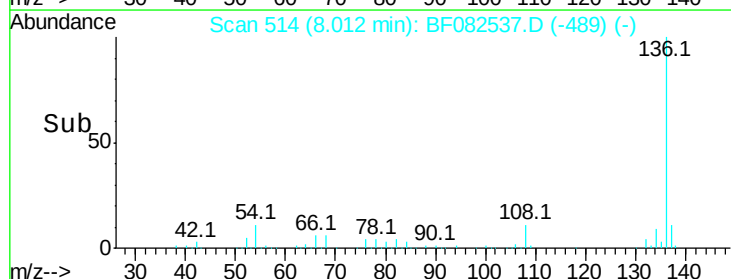


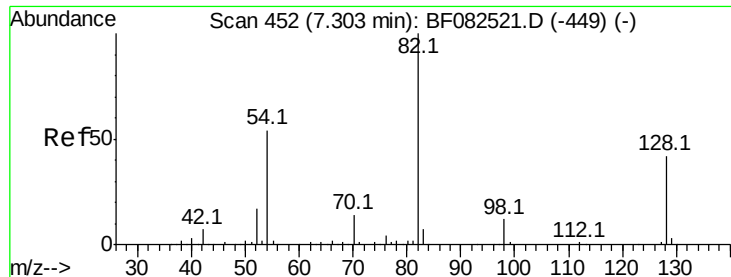
Abundance Ion 136.00 (135.70 to 136.70): E

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

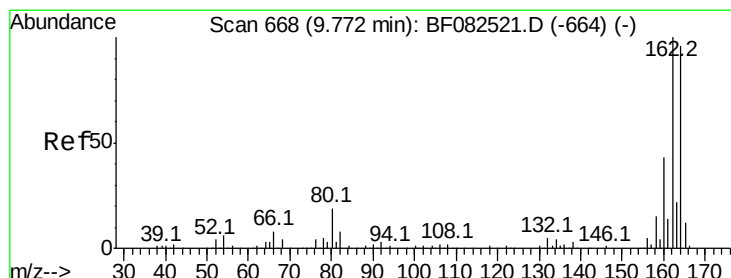
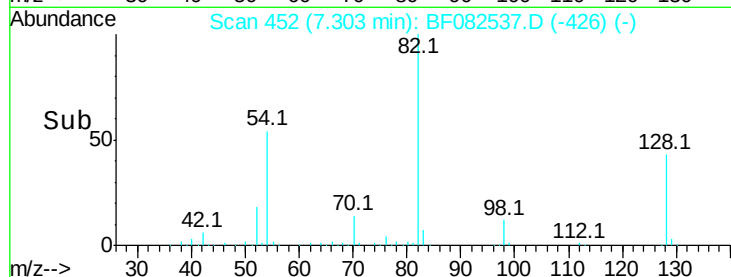
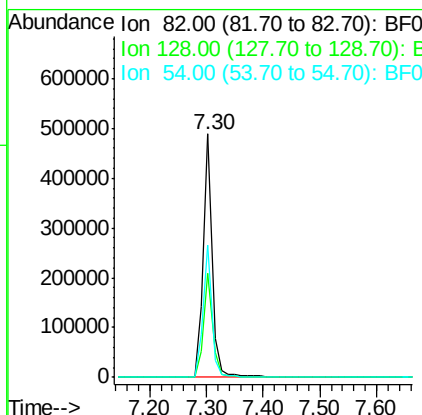
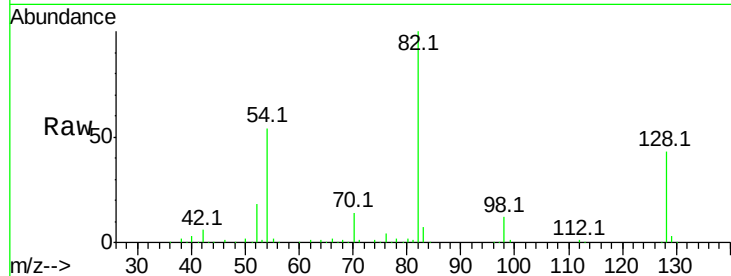




#23
 Nitrobenzene-d5
 Concen: 87.29 ng
 RT: 7.30 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

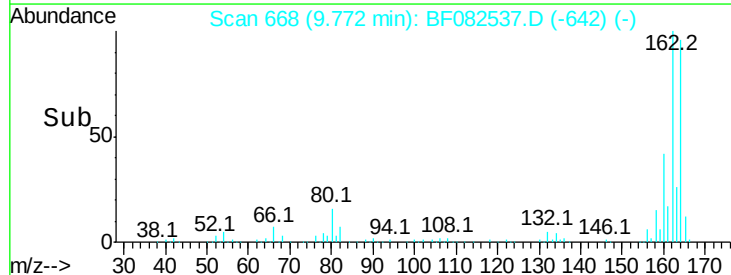
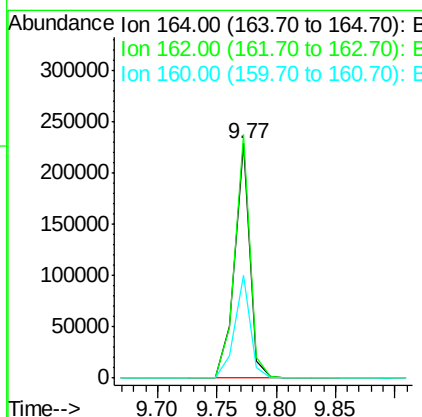
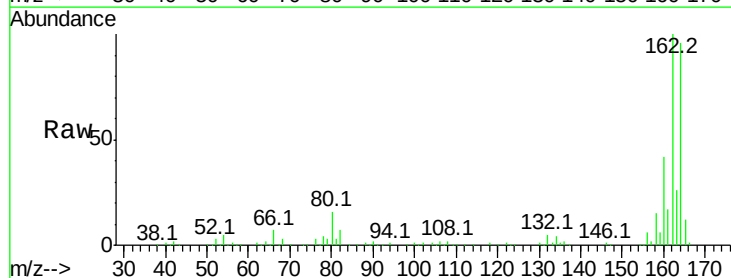
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

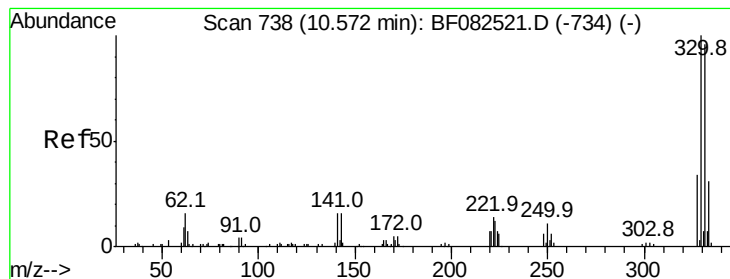
Tot Ion	82	Resp	521372
Ion Ratio	Lower	Upper	
82	100		
128	42.8	33.4	50.0
54	54.4	43.5	65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF082537.D
 Acq: 27 Oct 2015 7:59

Tgt Ion	164	Resp	204508
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.6	125.4
160	44.0	36.0	54.0





#41

2,4,6-Tribromophenol

Concen: 107.19 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

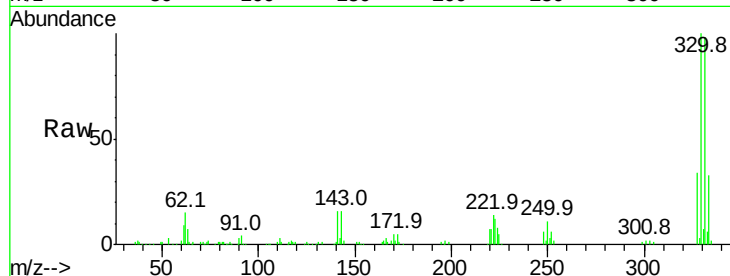
Tot Ion:330 Resp: 164154

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

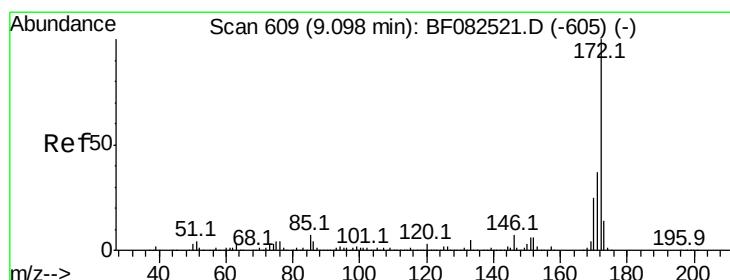
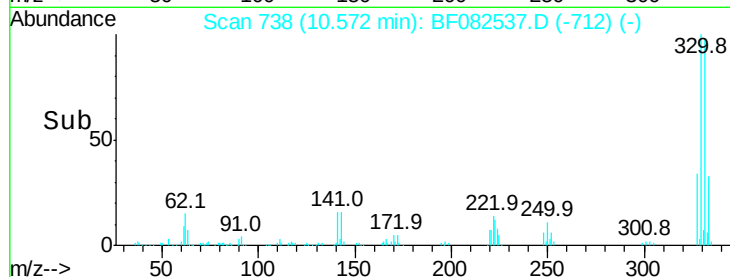
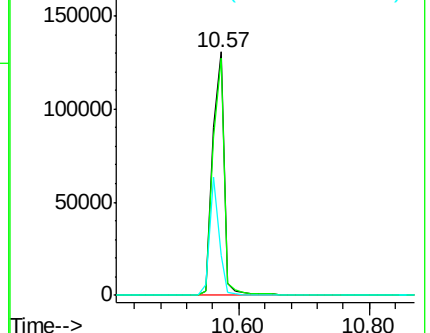
141 39.9 32.5 48.7



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: 75.36 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

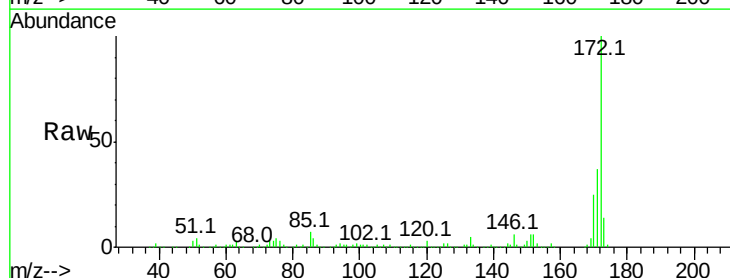
Tgt Ion:172 Resp: 969241

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

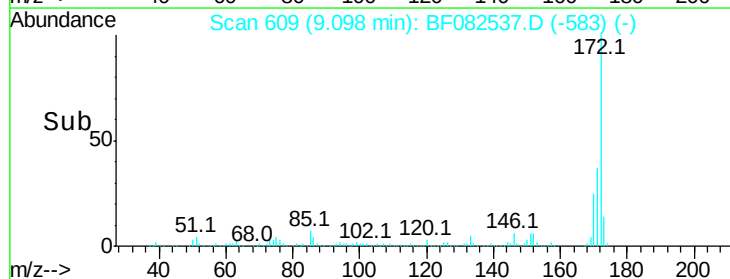
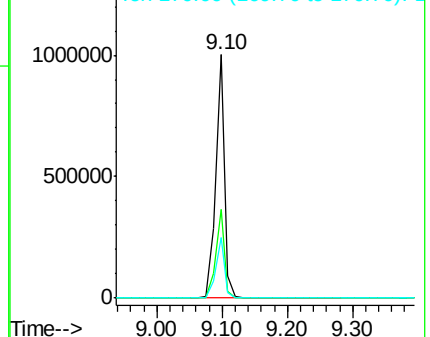
170 25.0 19.8 29.6

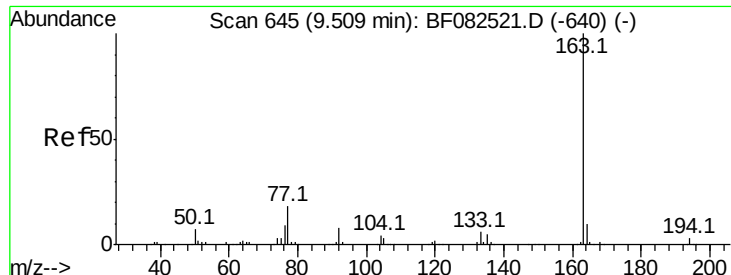


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.02 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

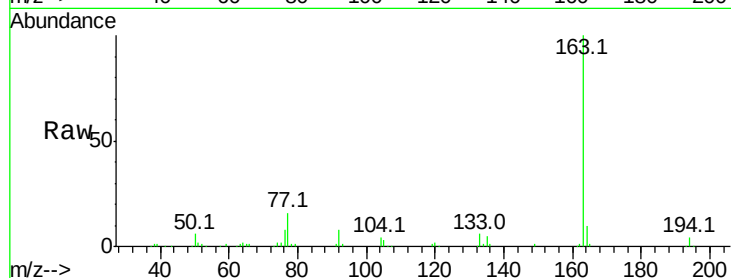
Tot Ion:163 Resp: 213776

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

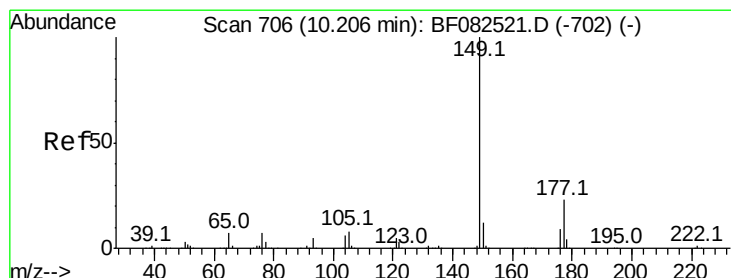
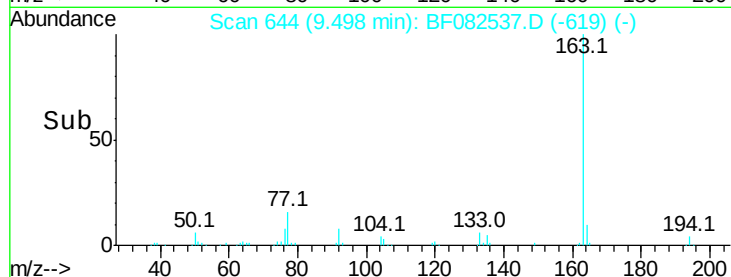
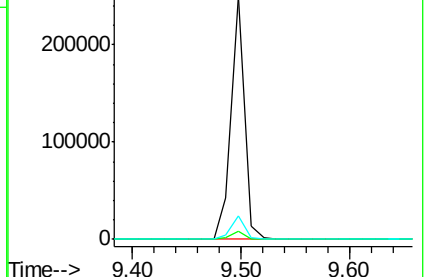
164 9.8 8.2 12.4



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



#59

Diethylphthalate

Concen: 2.66 ng

RT: 10.19 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

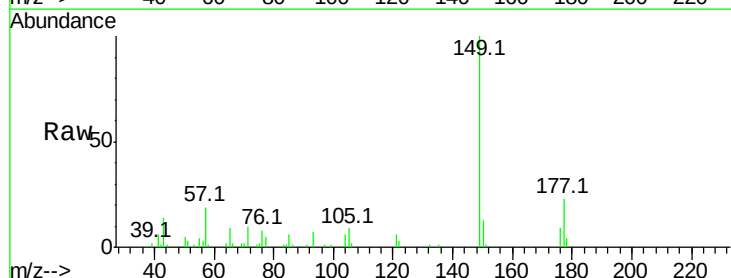
Tgt Ion:149 Resp: 36808

Ion Ratio Lower Upper

149 100

177 22.7 18.6 28.0

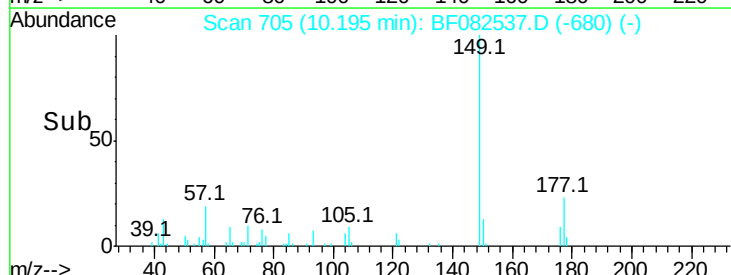
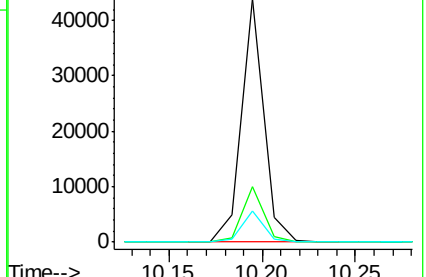
150 12.8 9.9 14.9

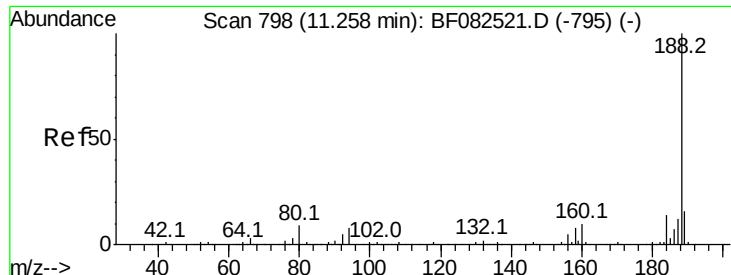


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

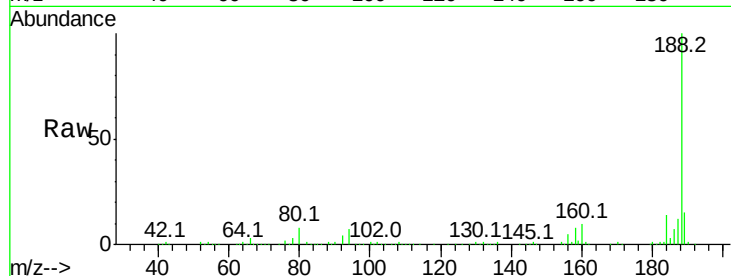




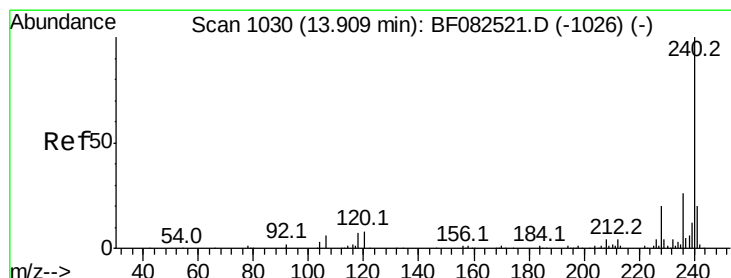
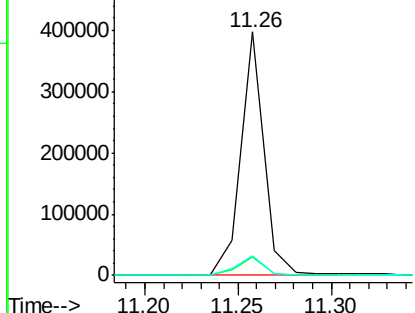
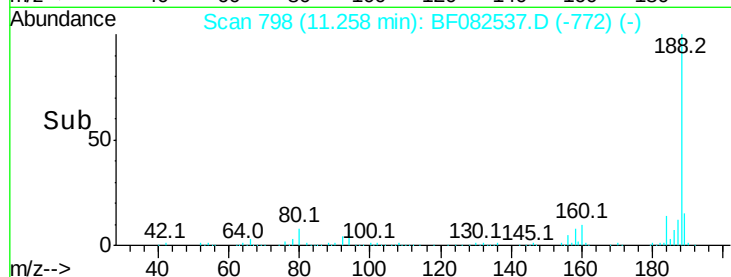
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tot Ion:188 Resp: 347043
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.1 7.0 10.6

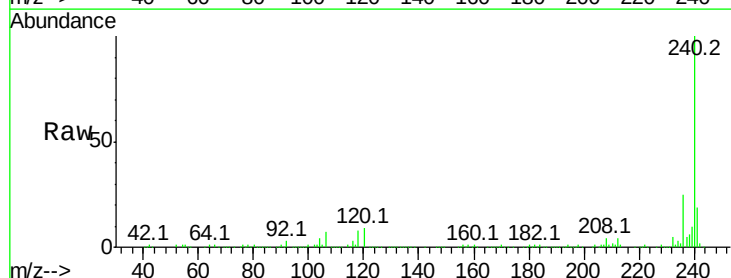


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

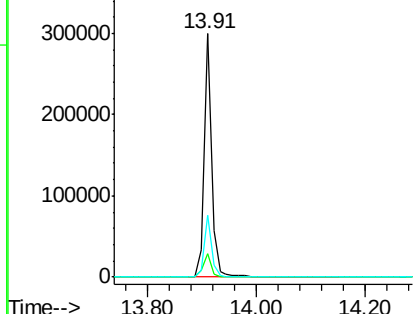
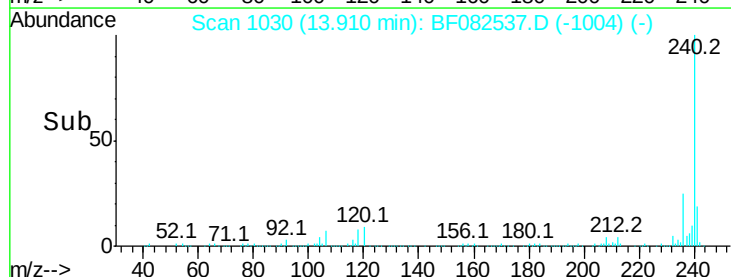


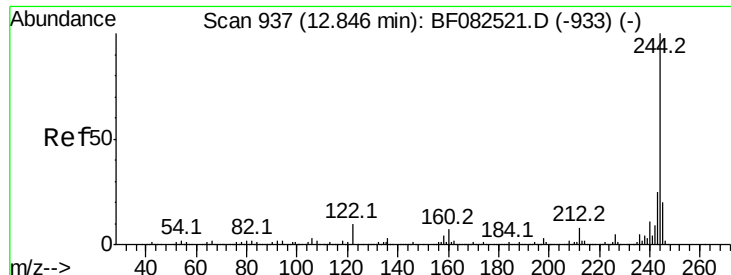
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF082537.D
Acq: 27 Oct 2015 7:59

Tgt Ion:240 Resp: 285987
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.5 20.5 30.7



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: 68.75 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

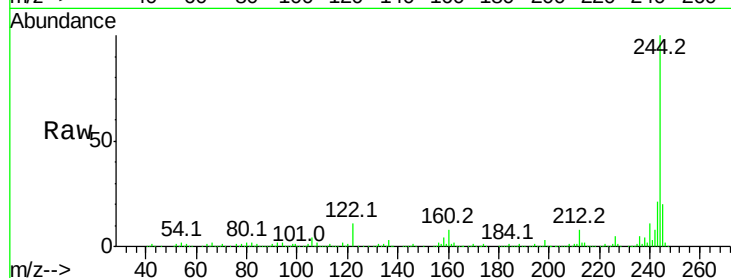
Tot Ion:244 Resp: 682504

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

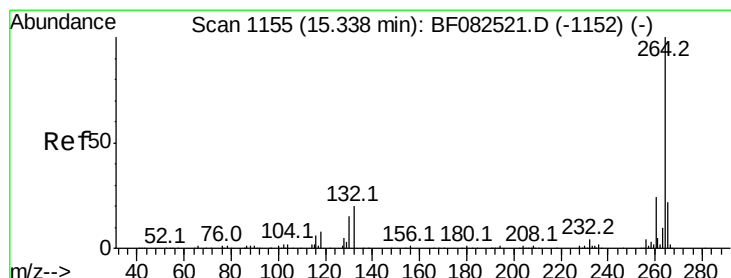
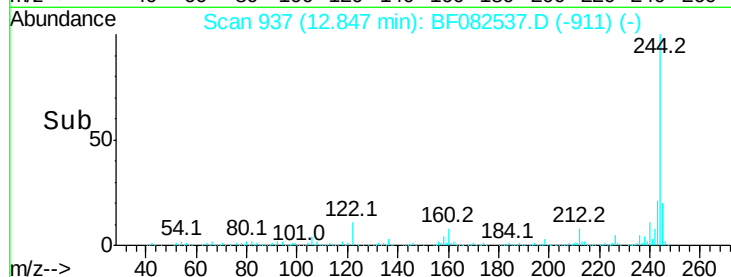
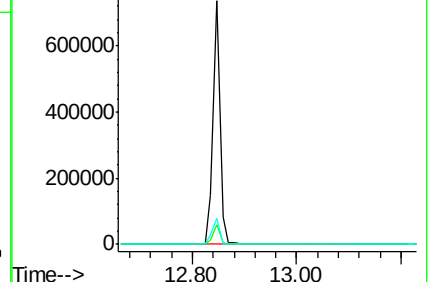
122 10.8 8.1 12.1



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: 15.36 min Scan# 1157

Delta R.T. 0.02 min

Lab File: BF082537.D

Acq: 27 Oct 2015 7:59

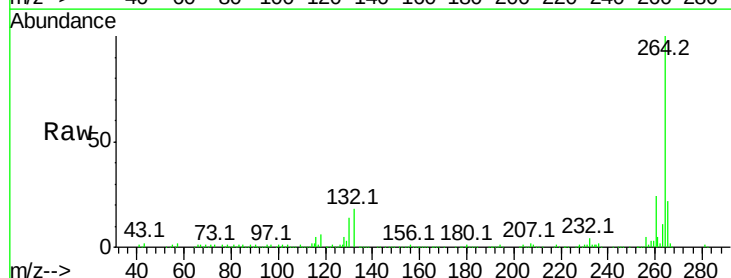
Tgt Ion:264 Resp: 235417

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.5 17.8 26.6



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

