

Data Path : Z:\HPCHEM1\BNA F\Data\BF120115\
 Data File : BF083410.D
 Acq On : 2 Dec 2015 10:19
 Operator : UM/IZ
 Sample : G4564-01RE 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Quant Time: Dec 02 11:19:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

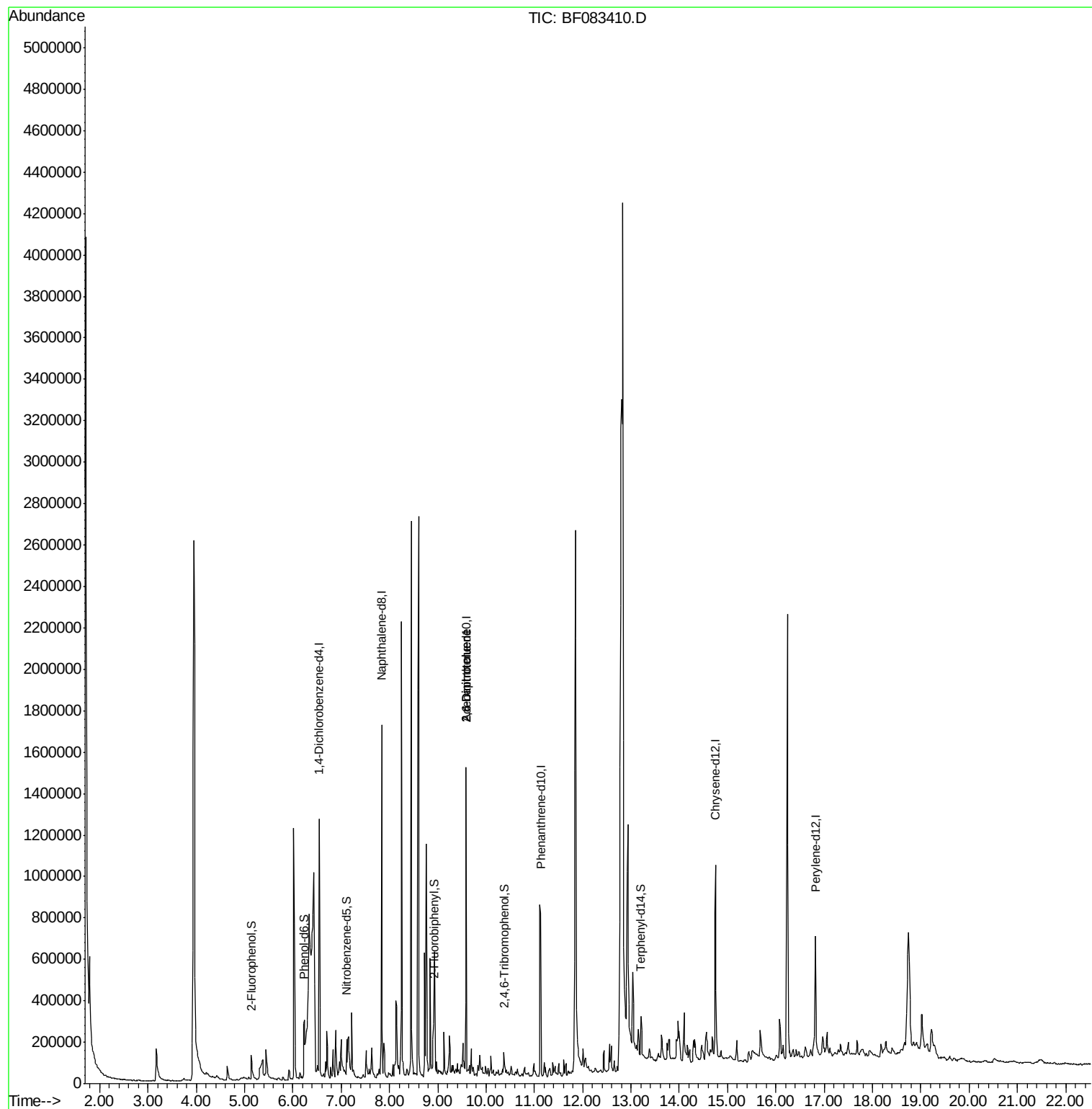
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	176065	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	658678	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	281088	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	461287	20.00	ng	0.00
75) Chrysene-d12	14.75	240	477724	20.00	ng	-0.01
86) Perylene-d12	16.82	264	324000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	61689	5.26	ng	0.01
7) Phenol-d6	6.22	99	102081	6.36	ng	0.00
23) Nitrobenzene-d5	7.12	82	64146	4.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	14036	4.97	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	85559	4.34	ng	0.00
78) Terphenyl-d14	13.21	244	79522	3.97	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.10	77	4277	Below Cal		96
50) 2,6-Dinitrotoluene	9.58	165	37394	7.67 ng	#	19
56) 2,4-Dinitrotoluene	9.58	165	37394	6.04 ng	#	7

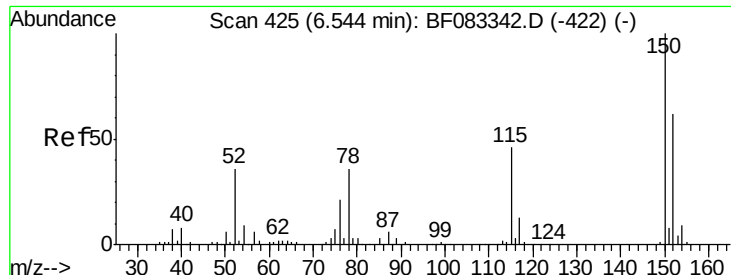
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF120115\
Data File : BF083410.D
Acq On : 2 Dec 2015 10:19
Operator : UM/IZ
Sample : G4564-01RE 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1511173891

Quant Time: Dec 02 11:19:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

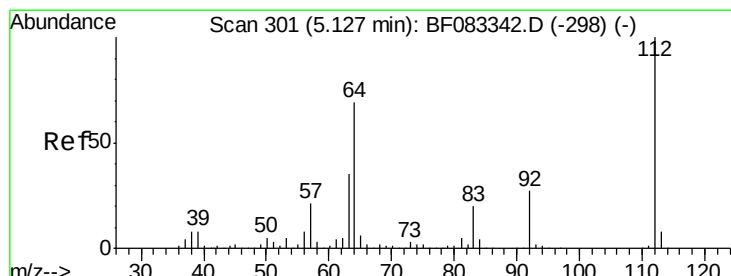
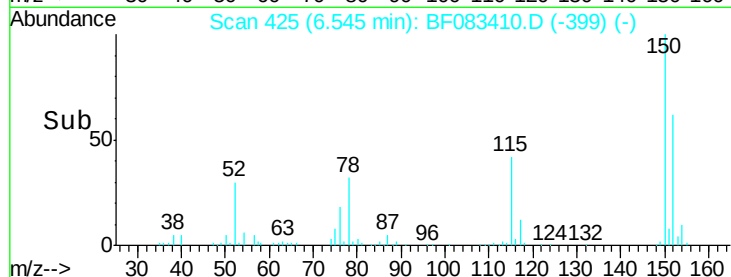
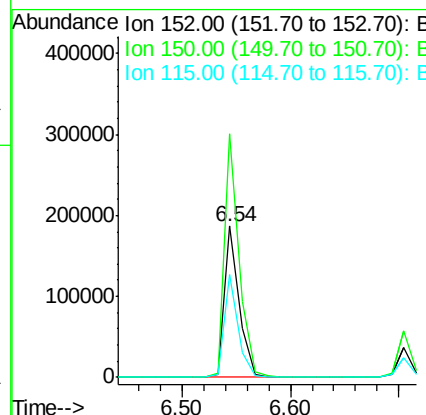
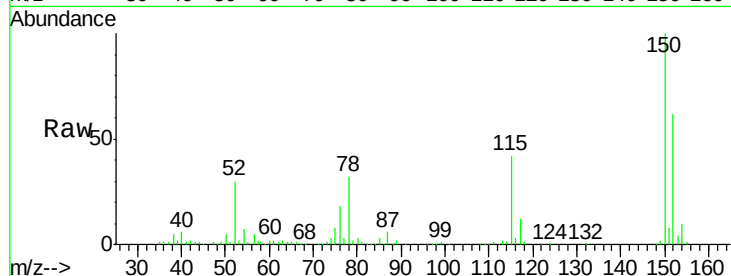




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

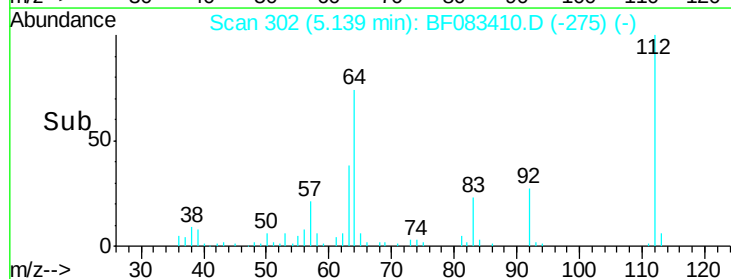
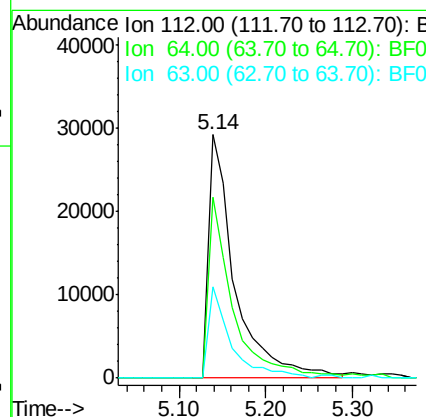
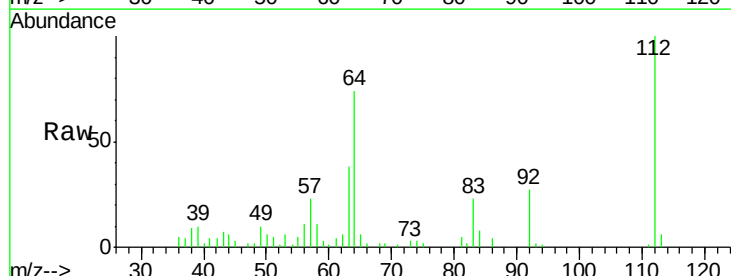
Instrument :
 BNA_F
 ClientSampleId :
 1511173891

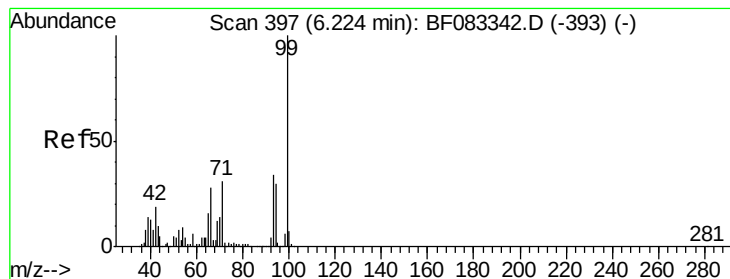
Tot Ion:152 Resp: 176065
 Ion Ratio Lower Upper
 152 100
 150 161.3 129.8 194.8
 115 67.8 59.2 88.8



#5
 2-Fluorophenol
 Concen: 5.26 ng
 RT: 5.14 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Tgt Ion:112 Resp: 61689
 Ion Ratio Lower Upper
 112 100
 64 74.3 55.6 83.4
 63 37.5 28.2 42.2





#7

Phenol-d6

Concen: 6.36 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

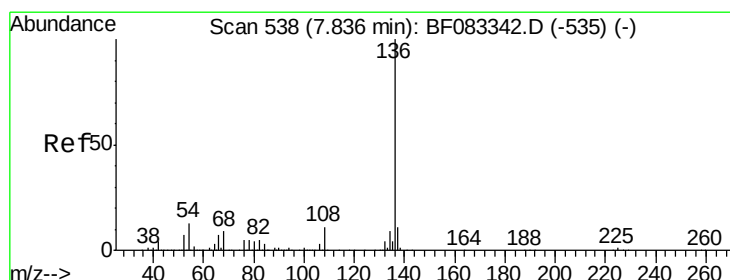
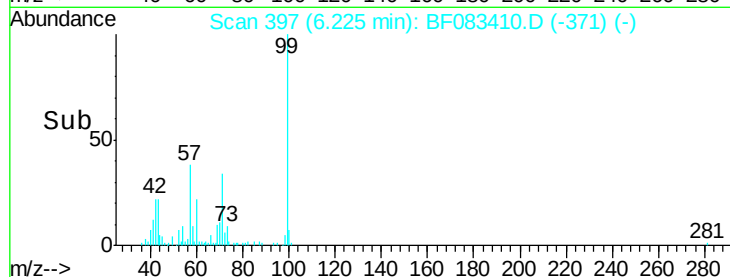
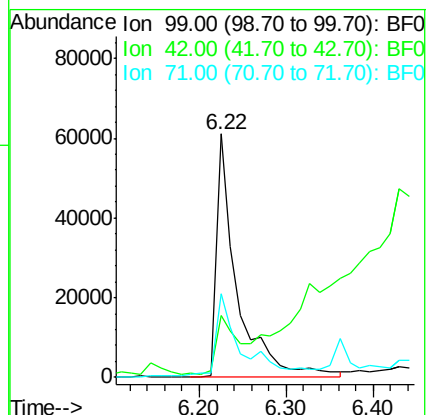
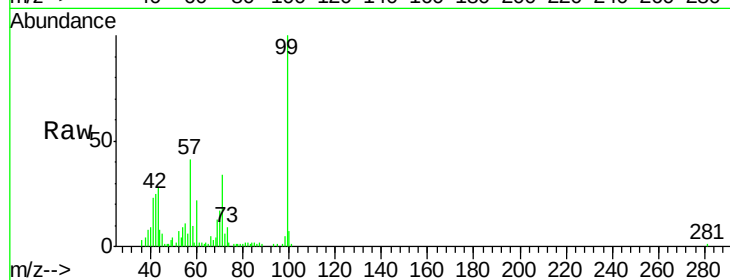
Tot Ion: 99 Resp: 102081

Ion Ratio Lower Upper

99 100

42 25.2 14.9 22.3#

71 34.3 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Tgt Ion: 136 Resp: 658678

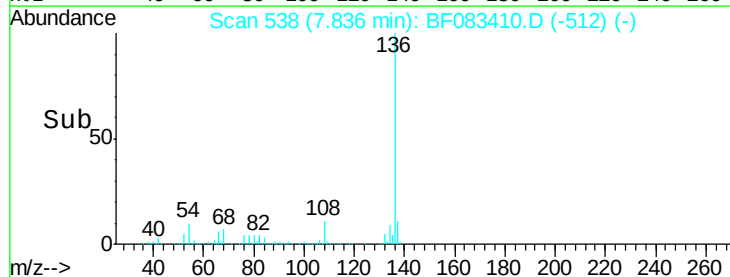
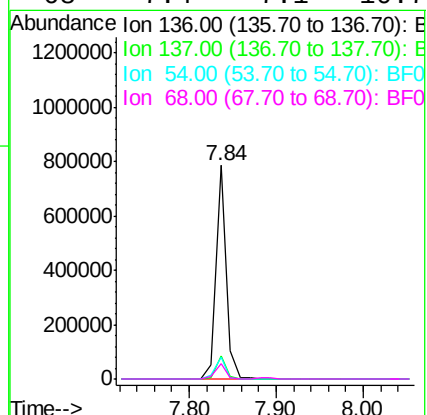
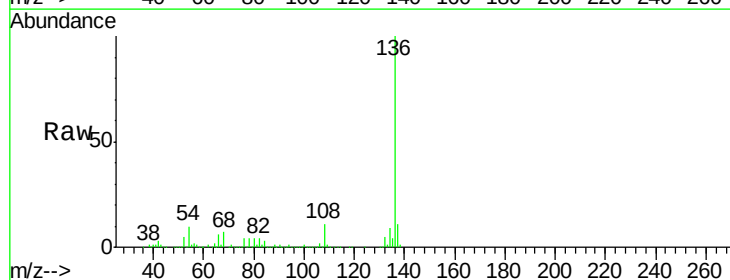
Ion Ratio Lower Upper

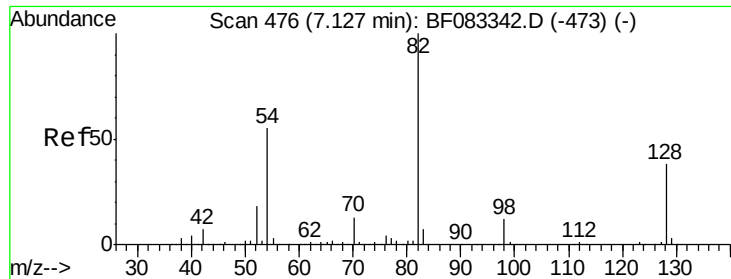
136 100

137 11.0 9.0 13.4

54 10.3 10.1 15.1

68 7.4 7.1 10.7

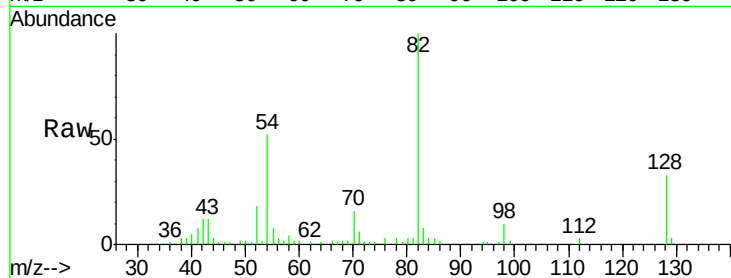




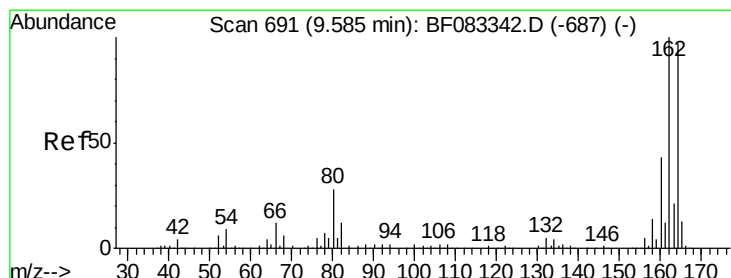
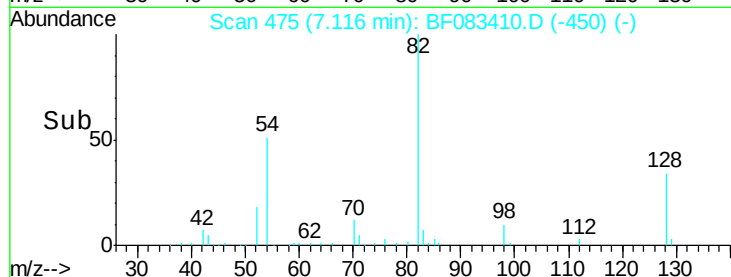
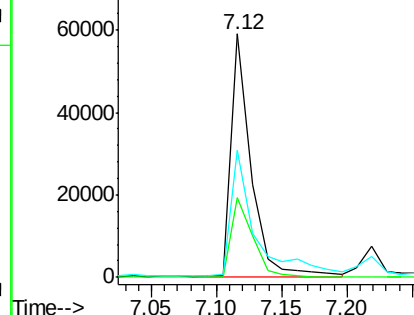
#23
 Nitrobenzene-d5
 Concen: 4.28 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Tot Ion	82	Resp	64146
Ion Ratio	Lower	Upper	
82	100		
128	32.9	30.6	46.0
54	52.0	43.8	65.6

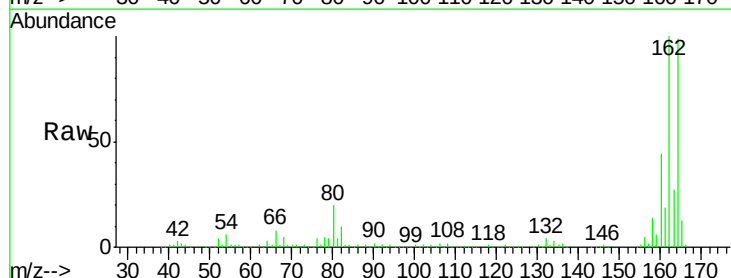


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

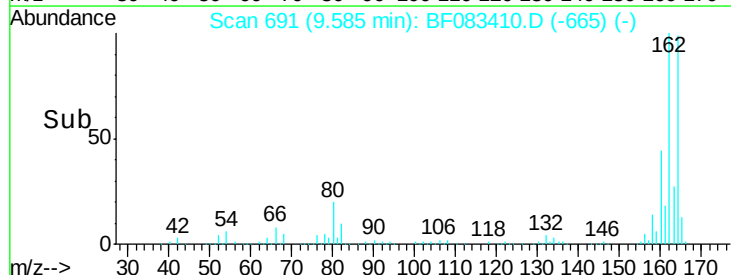
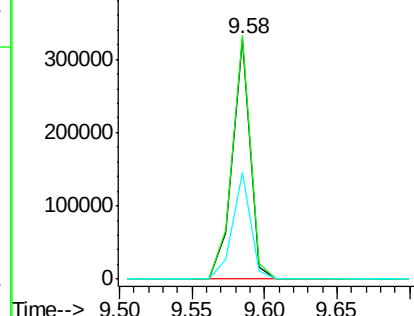


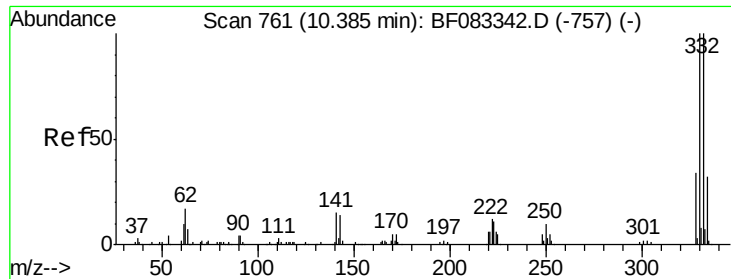
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Tgt Ion	164	Resp	281088
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.6	123.8
160	44.6	35.3	52.9



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

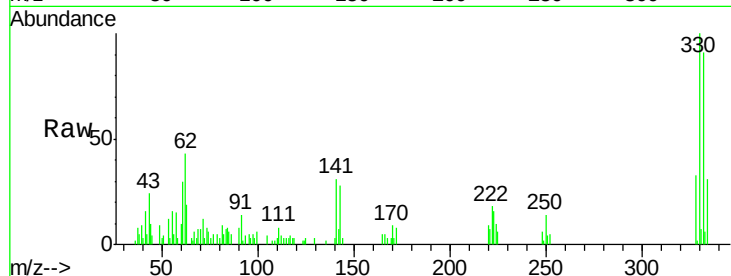




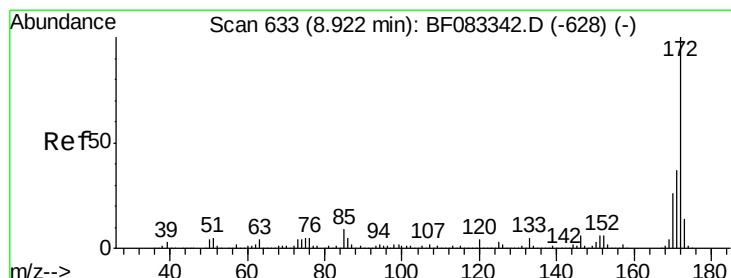
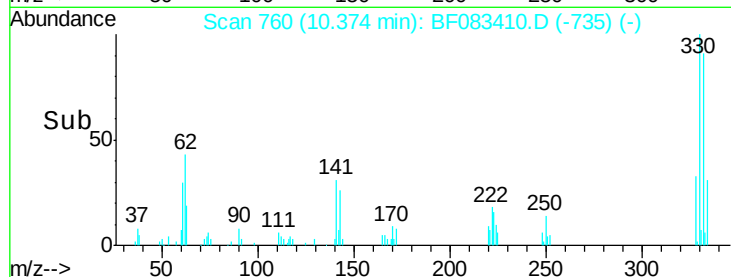
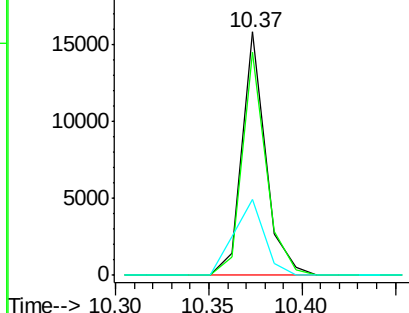
#41
 2,4,6-Tribromophenol
 Concen: 4.97 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.8	116.6
141	40.3	29.4	44.0

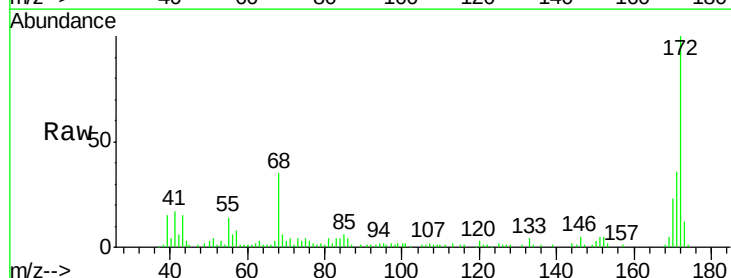


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

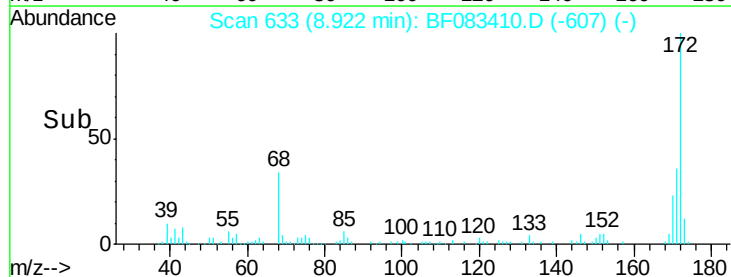
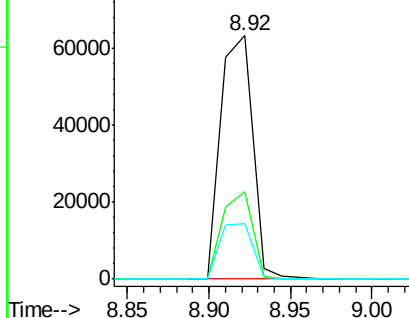


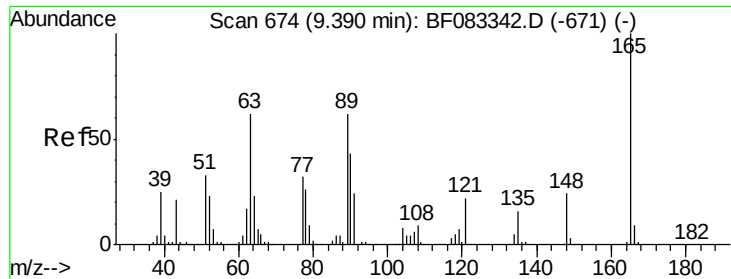
#44
 2-Fluorobiphenyl
 Concen: 4.34 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.0	20.4	30.6



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

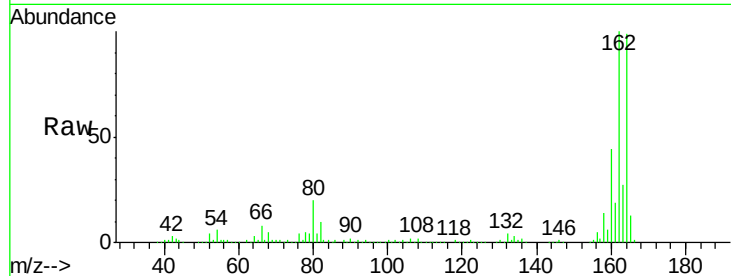




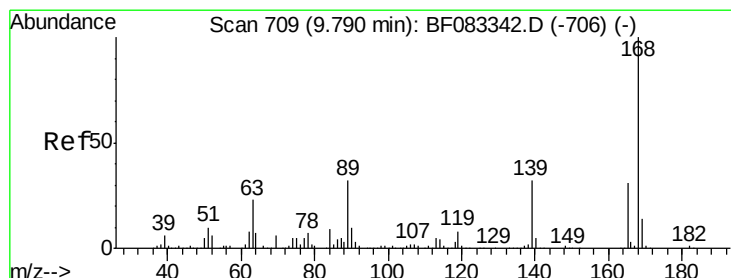
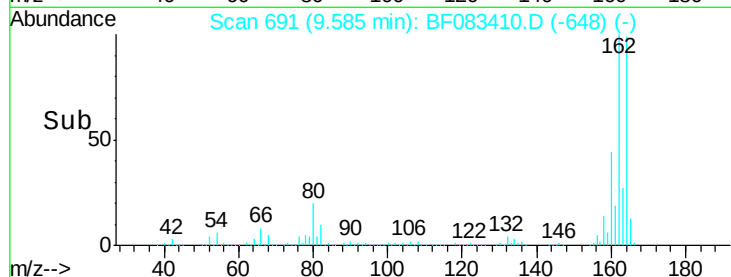
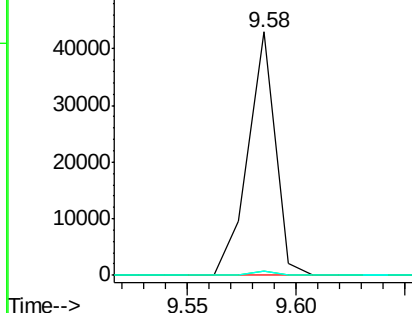
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	56.0	84.0#
89	1.9	49.8	74.8#

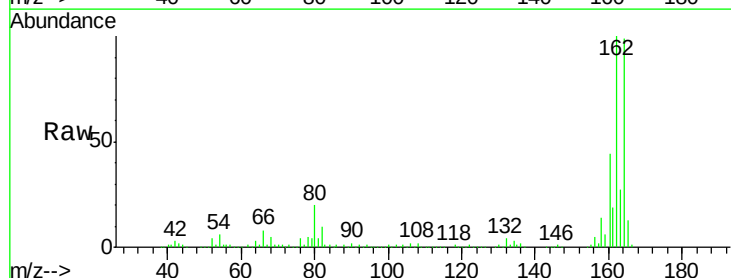


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

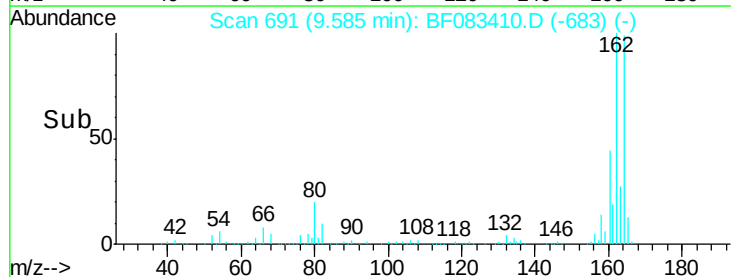
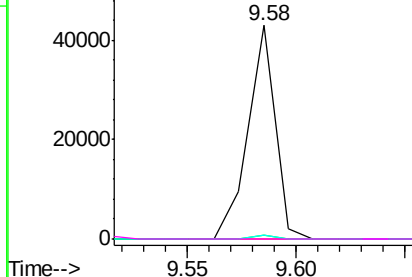


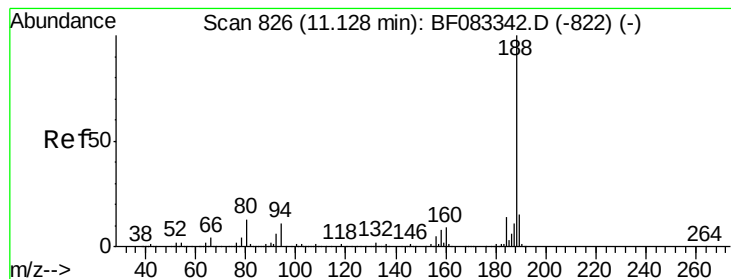
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	65.4	98.0#
89	1.9	81.2	121.8#
182	0.0	1.8	2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

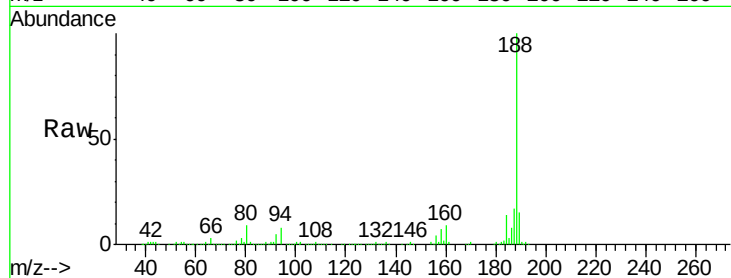
Tot Ion:188 Resp: 461287

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

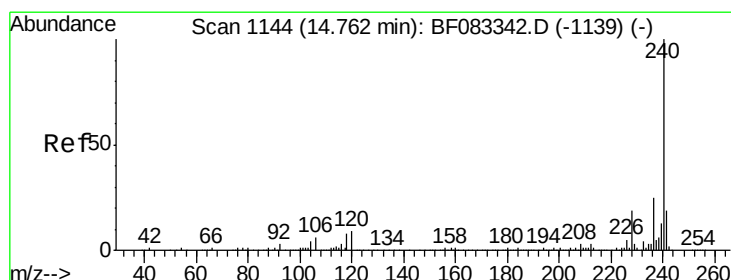
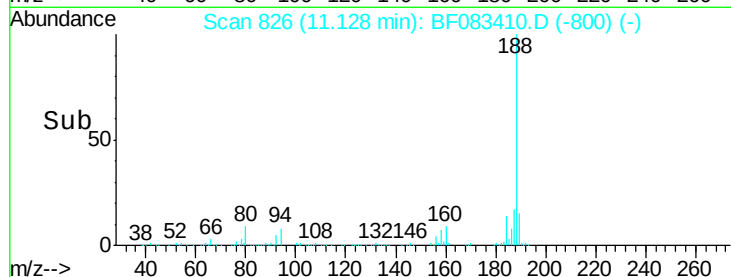
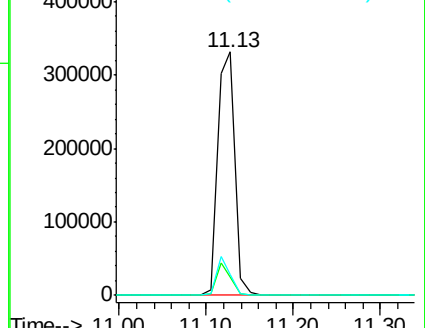
80 8.8 10.3 15.5#



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: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

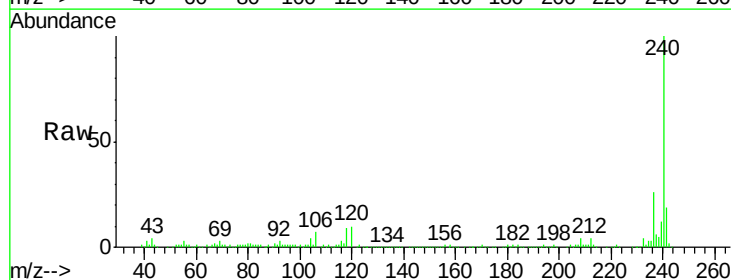
Tgt Ion:240 Resp: 477724

Ion Ratio Lower Upper

240 100

120 10.0 6.9 10.3

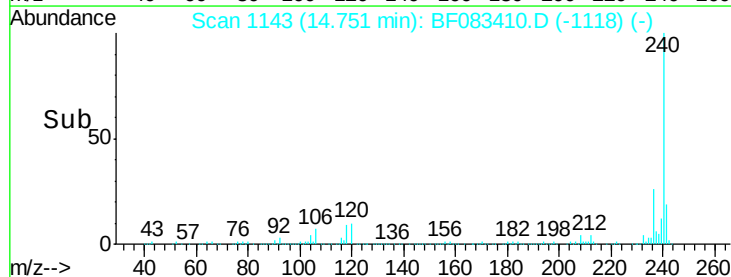
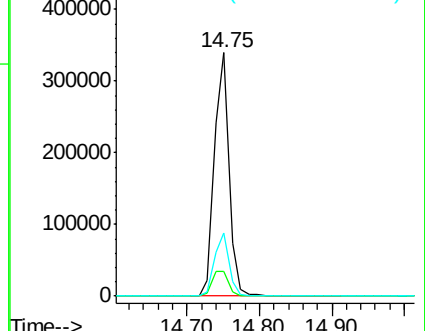
236 26.2 19.8 29.6

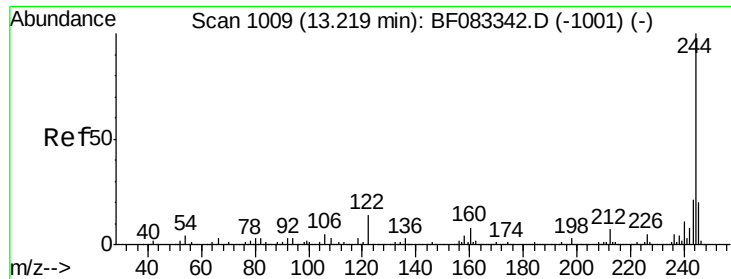


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.97 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

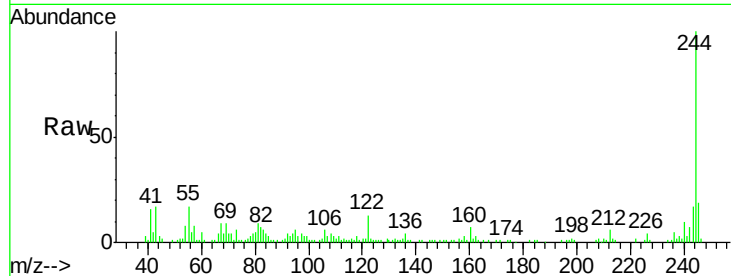
Tot Ion:244 Resp: 79522

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

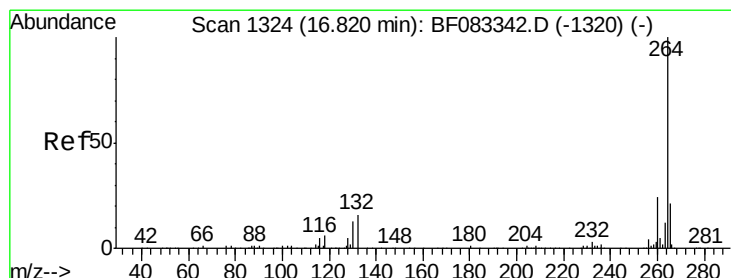
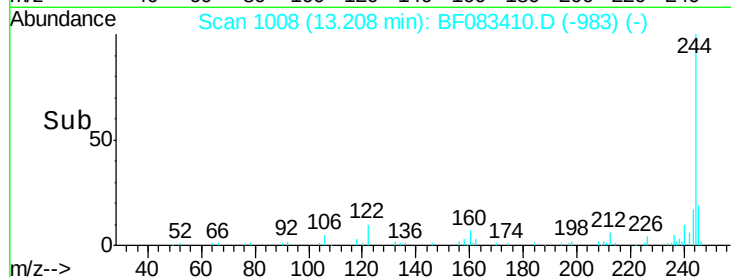
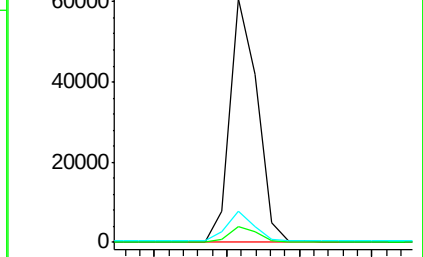
122 12.7 11.0 16.4



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: 16.82 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

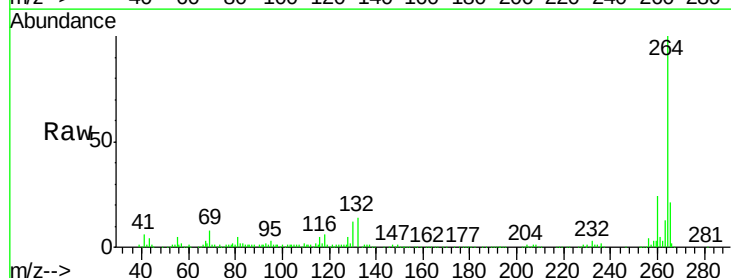
Tgt Ion:264 Resp: 324000

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.4 16.8 25.2



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

