

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083403.D
 Acq On : 2 Dec 2015 6:45
 Operator : UM/IZ
 Sample : G4586-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-D-B

Quant Time: Dec 02 09:17:20 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

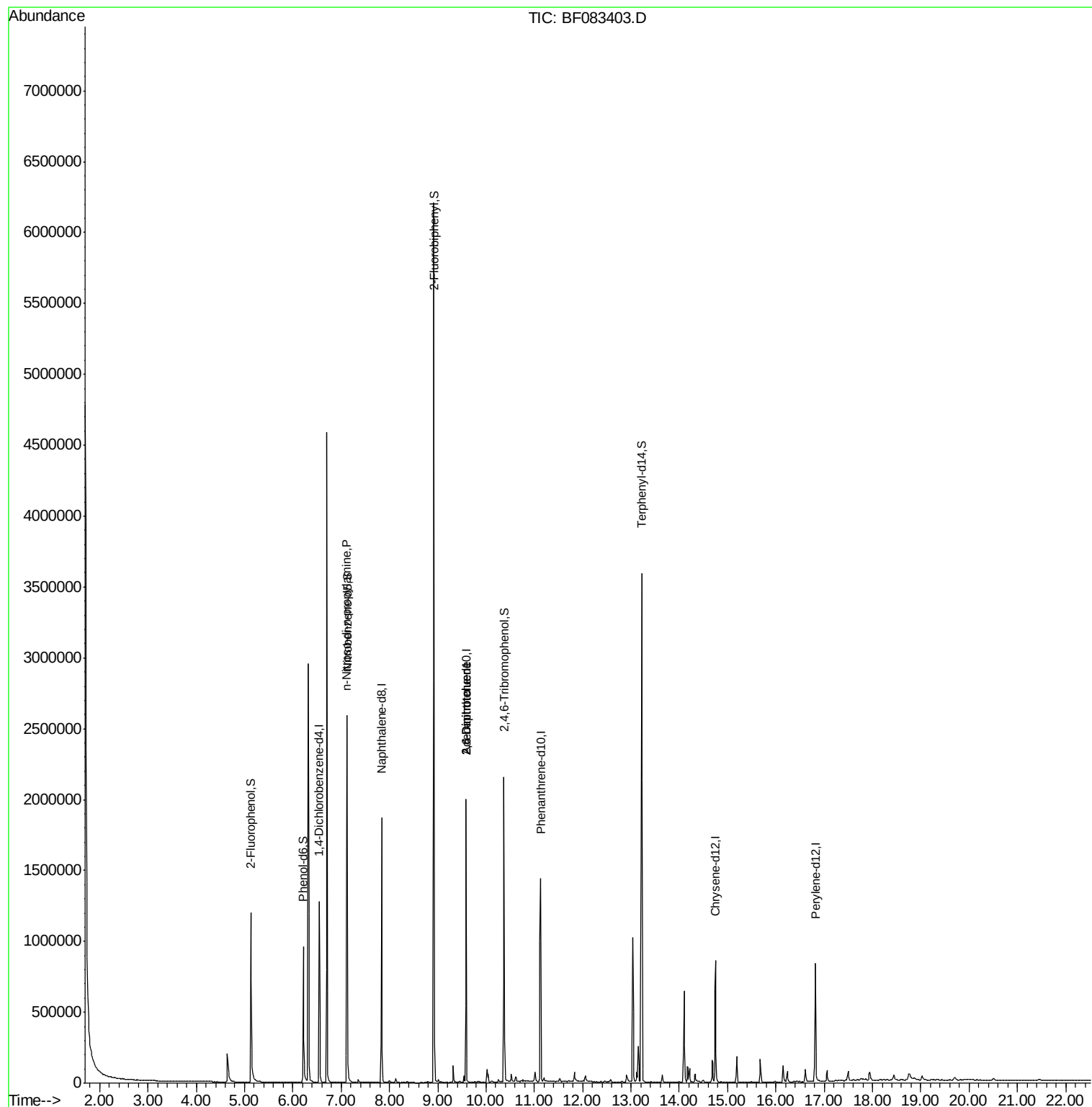
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	199527	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	783663	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	399969	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	705129	20.00	ng	0.00
75) Chrysene-d12	14.75	240	469630	20.00	ng	-0.01
86) Perylene-d12	16.82	264	486309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	465547	35.01	ng	0.00
7) Phenol-d6	6.21	99	376306	20.68	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1321985	74.16	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	236534	58.91	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2112949	75.28	ng	0.00
78) Terphenyl-d14	13.22	244	1722828	87.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	174371	13.40	ng	# 85
50) 2,6-Dinitrotoluene	9.58	165	51651	7.44	ng	# 18
56) 2,4-Dinitrotoluene	9.58	165	51651	5.86	ng	# 6

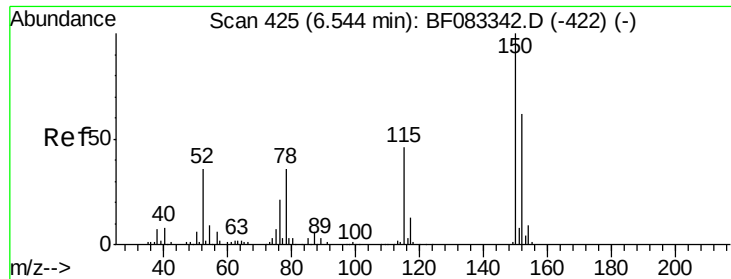
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083403.D

Acq: 2 Dec 2015 6:45

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-B

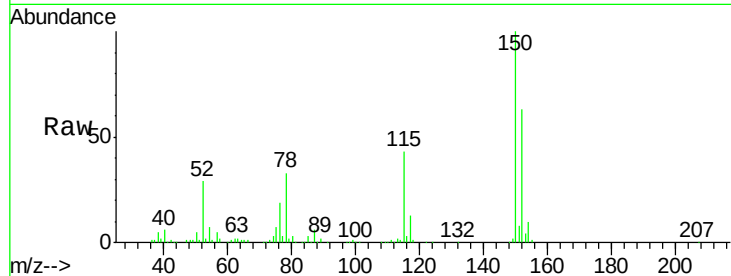
Tot Ion:152 Resp: 199527

Ion Ratio Lower Upper

152 100

150 158.1 129.8 194.8

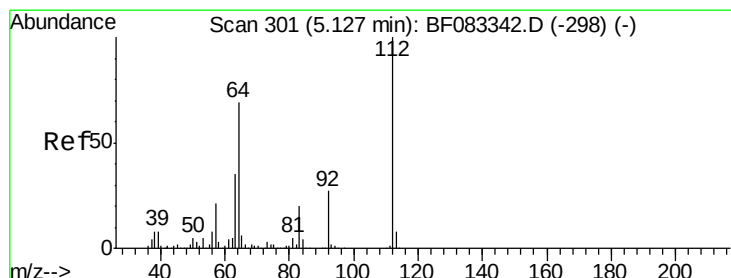
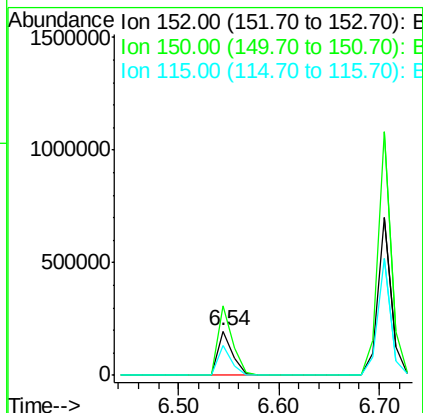
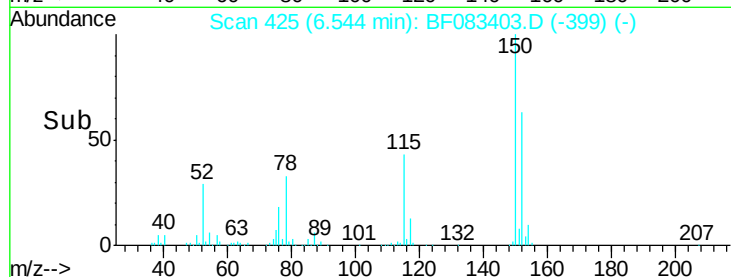
115 68.3 59.2 88.8



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: 35.01 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

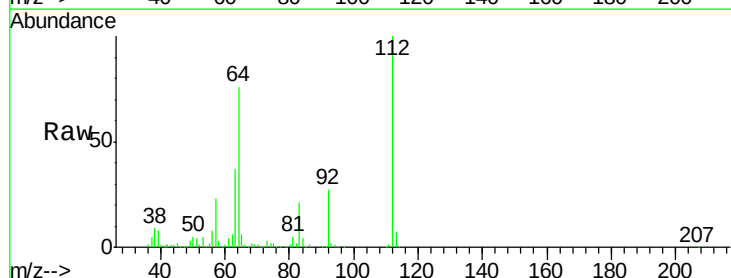
Tgt Ion:112 Resp: 465547

Ion Ratio Lower Upper

112 100

64 75.7 55.6 83.4

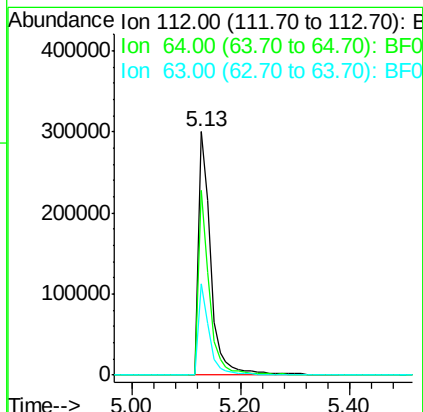
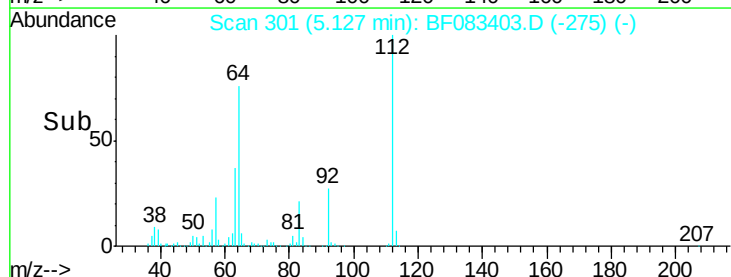
63 37.4 28.2 42.2

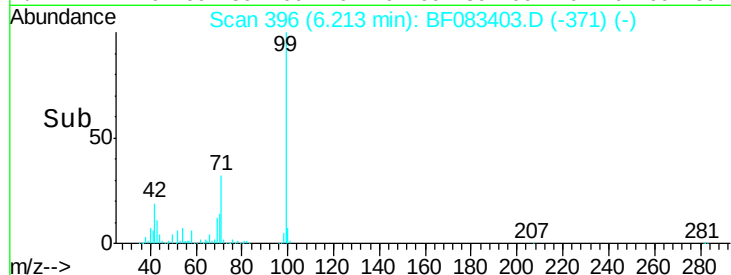
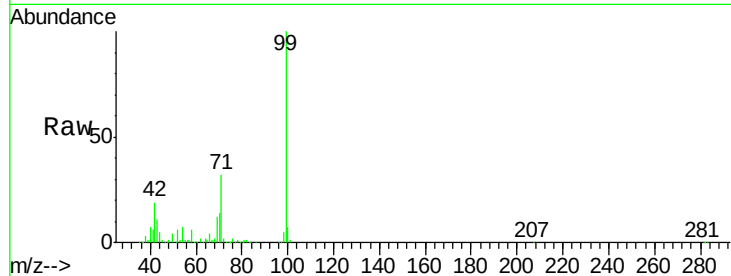
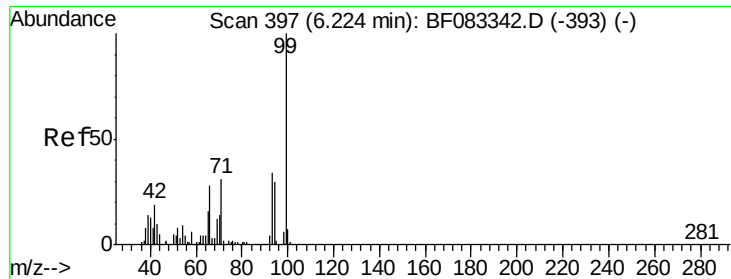


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.68 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-B

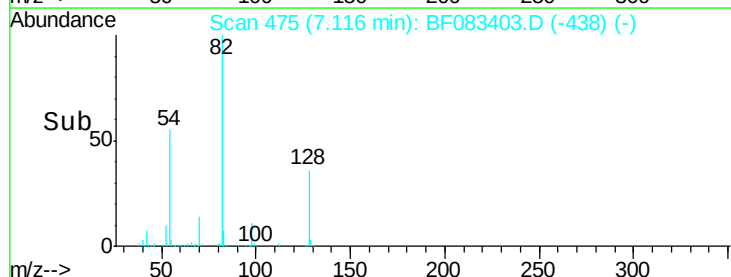
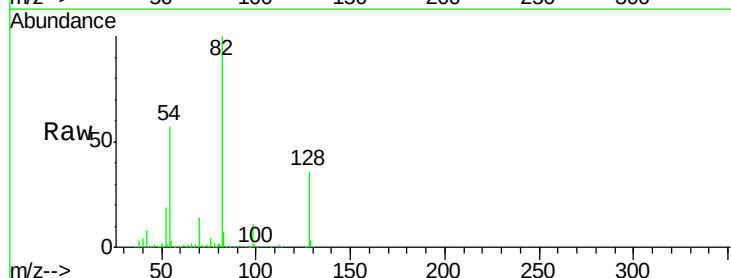
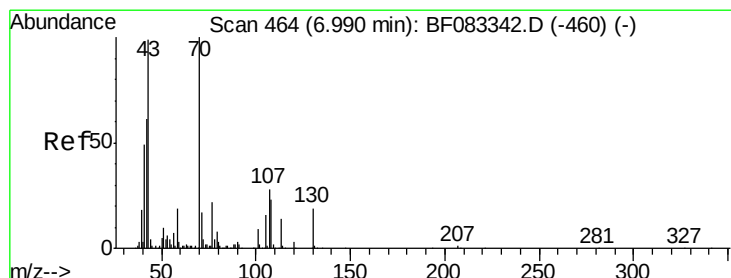
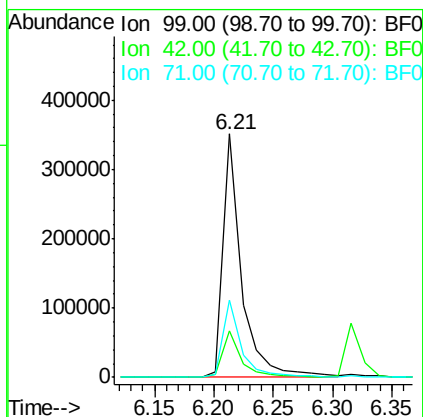
Tot Ion: 99 Resp: 376306

Ion Ratio Lower Upper

99 100

42 19.0 14.9 22.3

71 31.6 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.40 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

Tgt Ion: 70 Resp: 174371

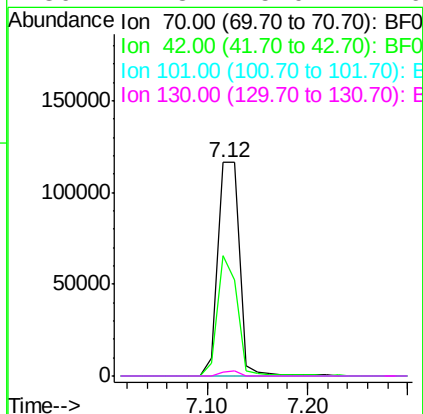
Ion Ratio Lower Upper

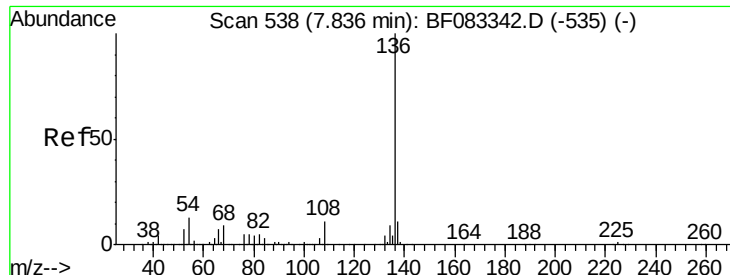
70 100

42 56.5 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-B

Tot Ion:136 Resp: 783663

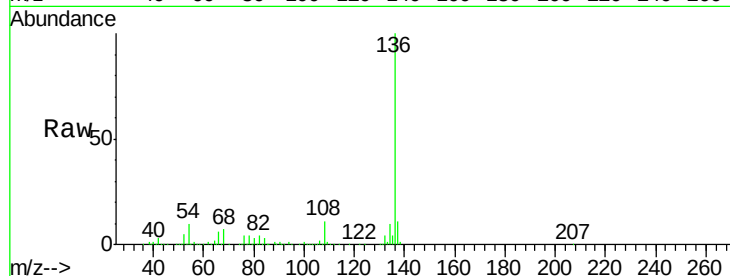
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.9 10.1 15.1#

68 7.1 7.1 10.7

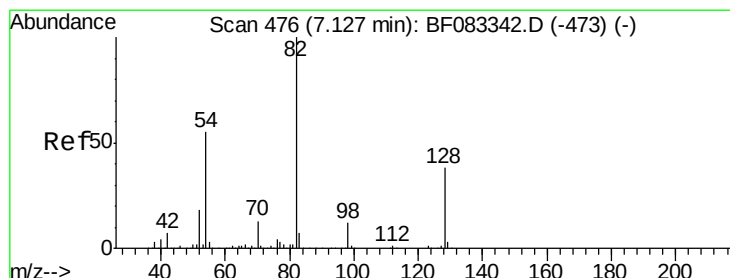
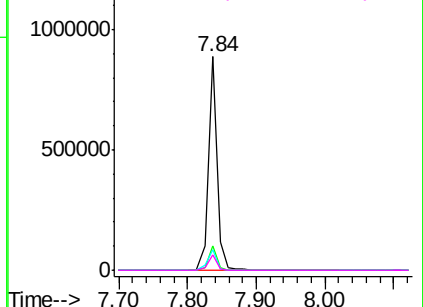
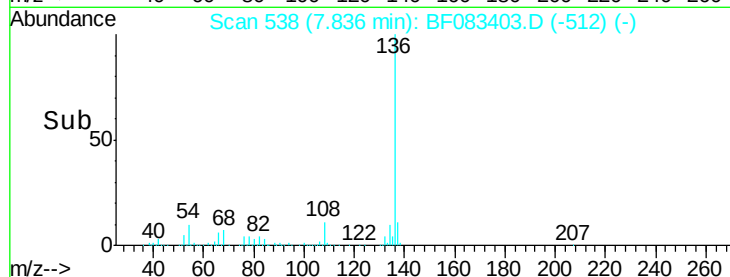


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.16 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

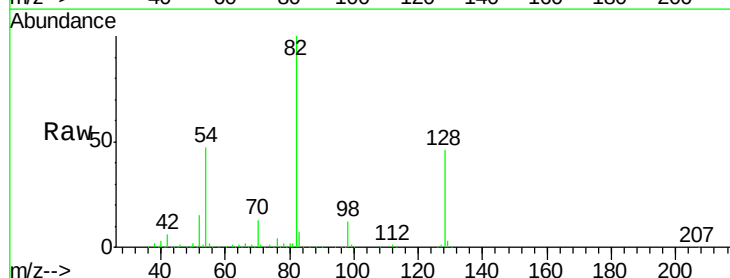
Tgt Ion: 82 Resp: 1321985

Ion Ratio Lower Upper

82 100

128 46.2 30.6 46.0#

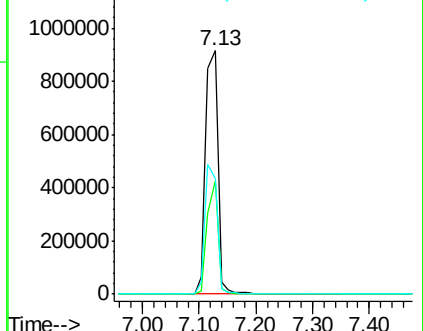
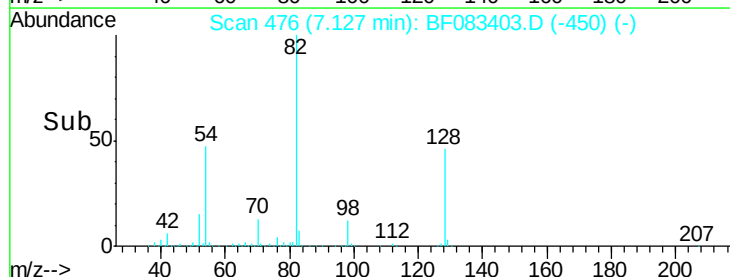
54 47.5 43.8 65.6

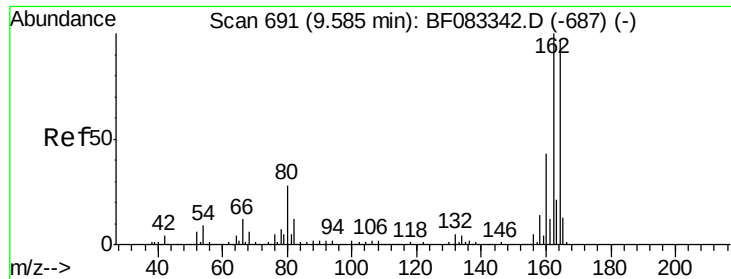


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083403.D

Acq: 2 Dec 2015 6:45

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-B

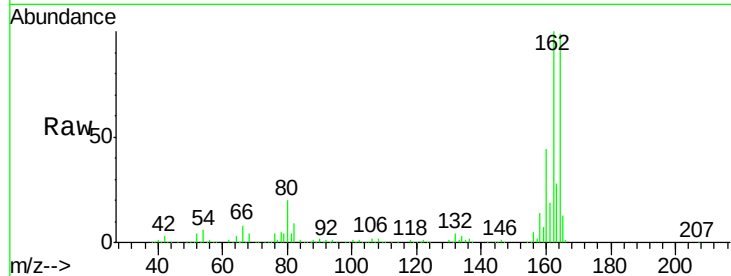
Tot Ion:164 Resp: 399969

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

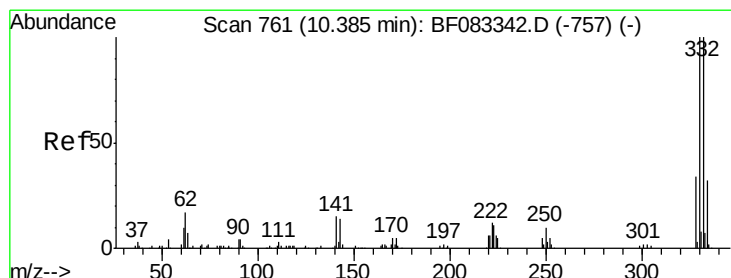
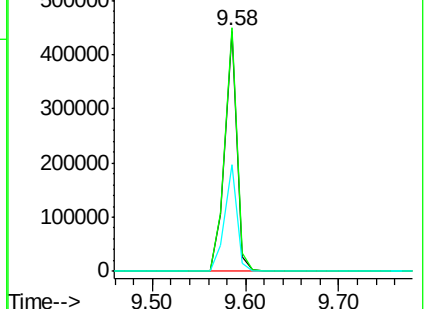
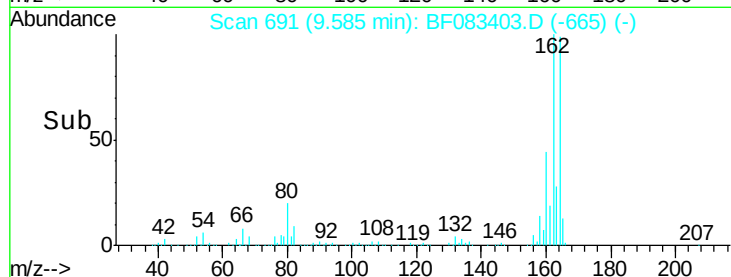
160 44.7 35.3 52.9



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: 58.91 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

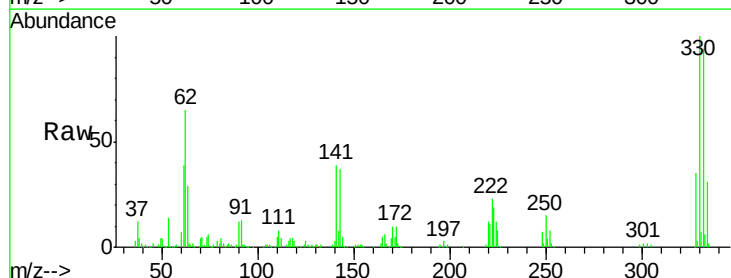
Tgt Ion:330 Resp: 236534

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

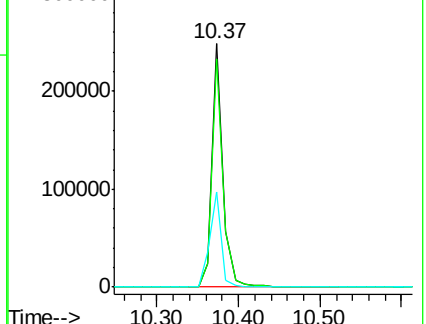
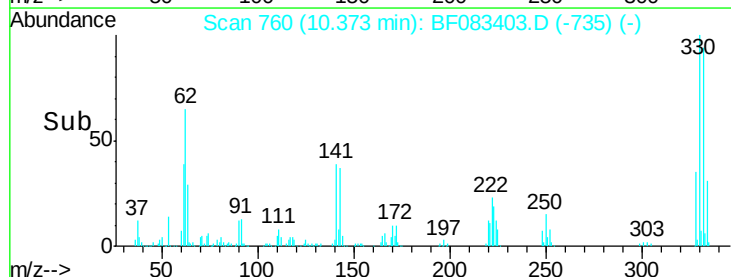
141 41.9 29.4 44.0

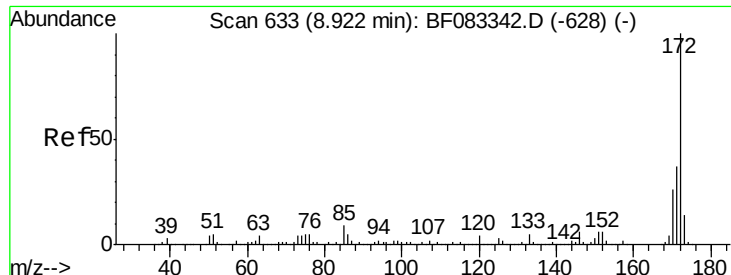


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

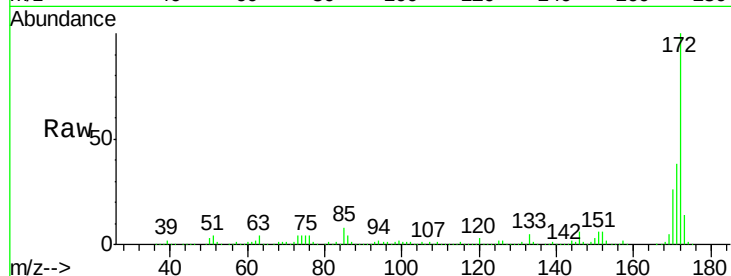




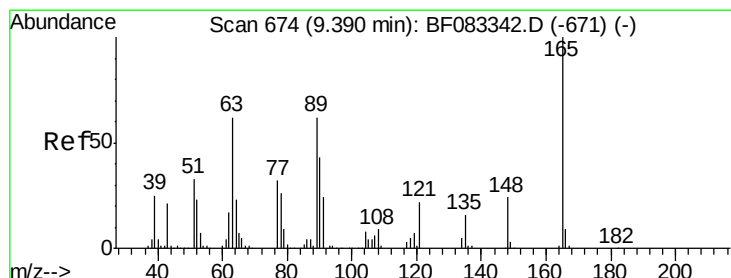
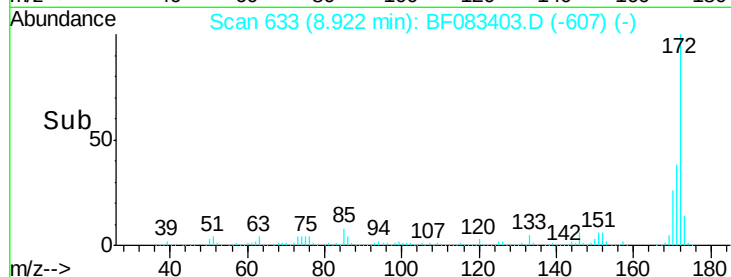
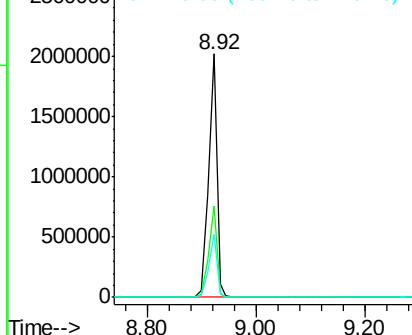
#44
 2-Fluorobiphenyl
 Concen: 75.28 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083403.D
 Acq: 2 Dec 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-D-B

Tot Ion:172 Resp: 2112949
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.4 44.0
 170 25.8 20.4 30.6

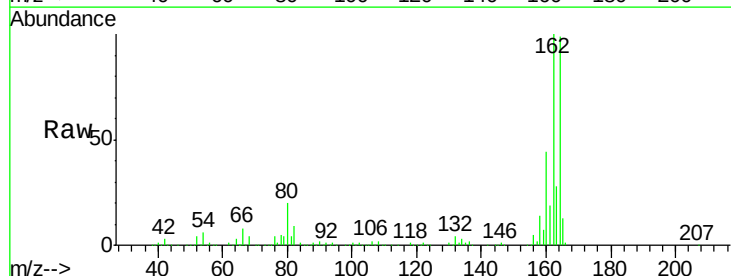


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

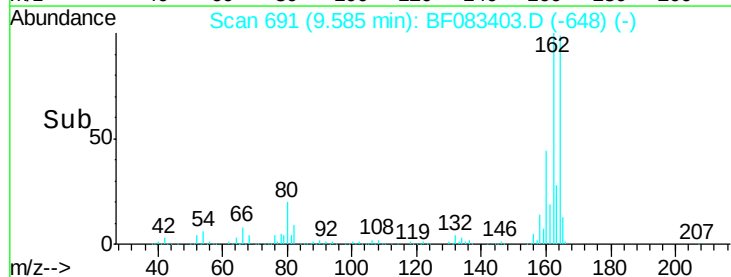
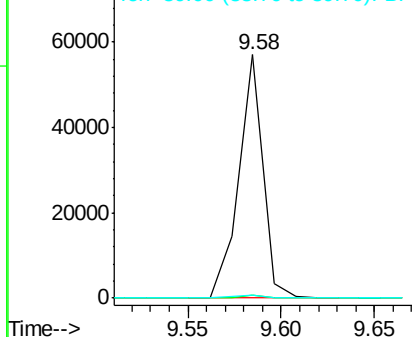


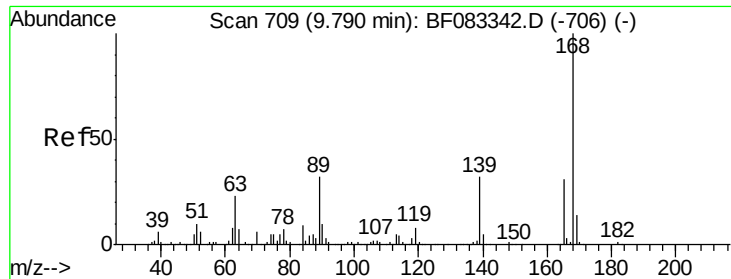
#50
 2,6-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083403.D
 Acq: 2 Dec 2015 6:45

Tgt Ion:165 Resp: 51651
 Ion Ratio Lower Upper
 165 100
 63 1.4 56.0 84.0#
 89 1.3 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: 5.86 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083403.D

Acq: 2 Dec 2015 6:45

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-B

Tot Ion:165 Resp: 51651

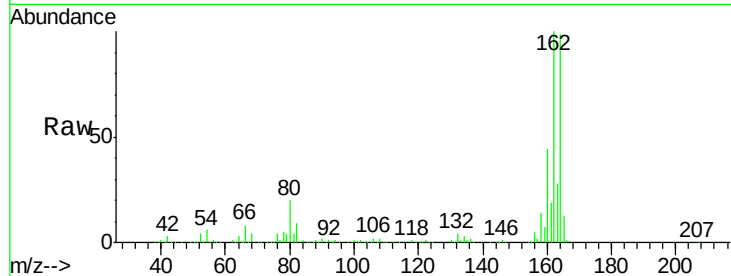
Ion Ratio Lower Upper

165 100

63 1.4 65.4 98.0#

89 1.3 81.2 121.8#

182 0.0 1.8 2.8#

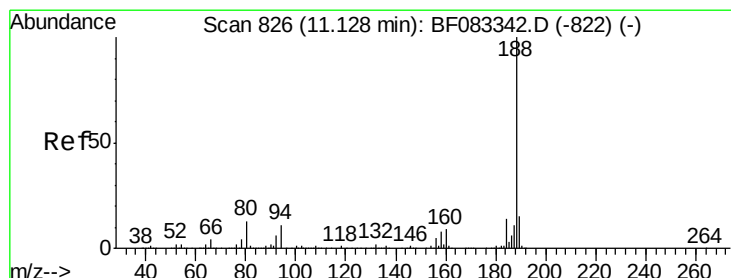
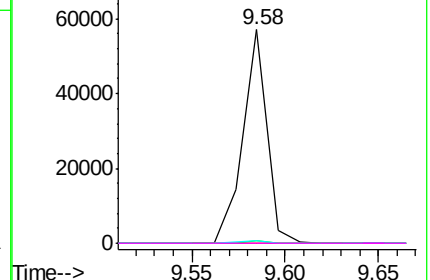
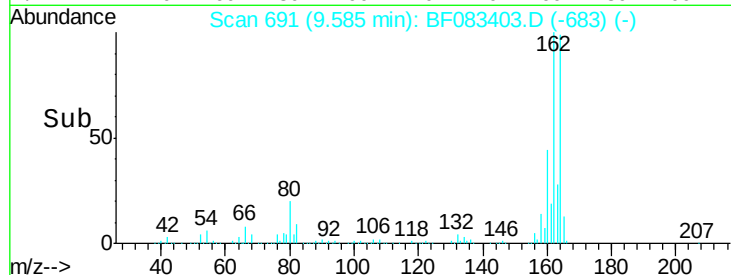


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083403.D

Acq: 2 Dec 2015 6:45

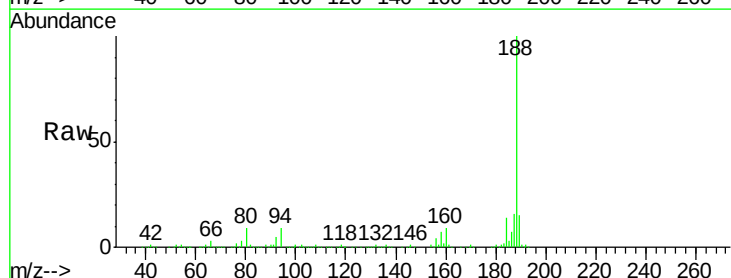
Tgt Ion:188 Resp: 705129

Ion Ratio Lower Upper

188 100

94 8.7 8.7 13.1#

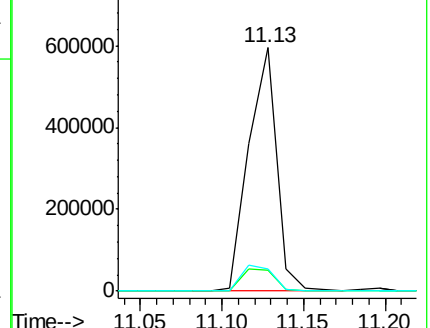
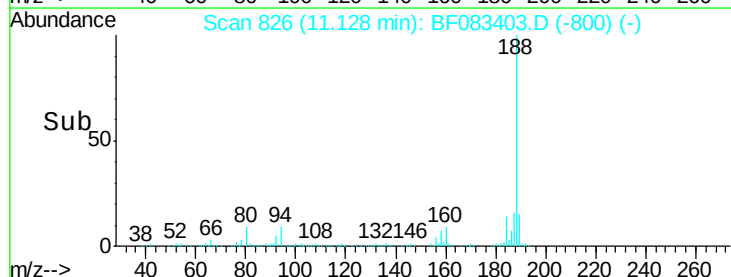
80 9.4 10.3 15.5#

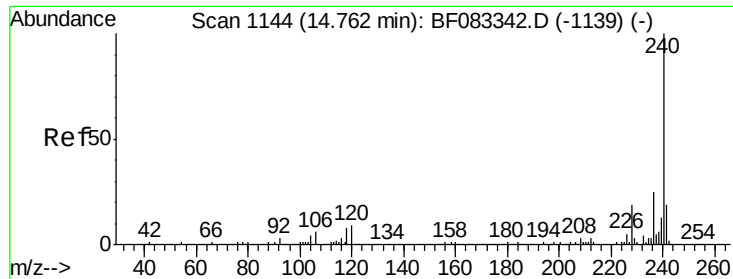


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

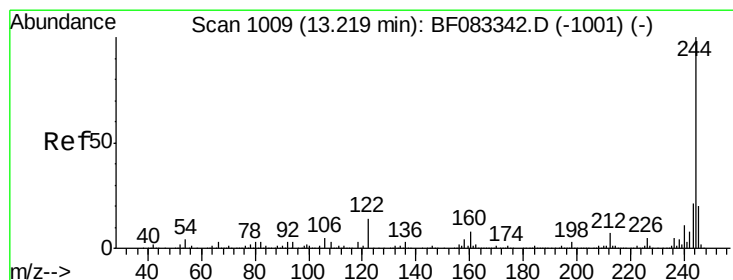
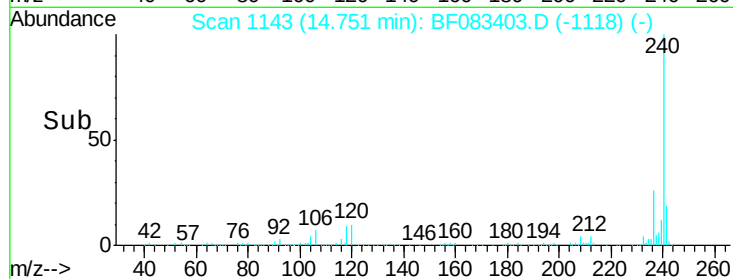
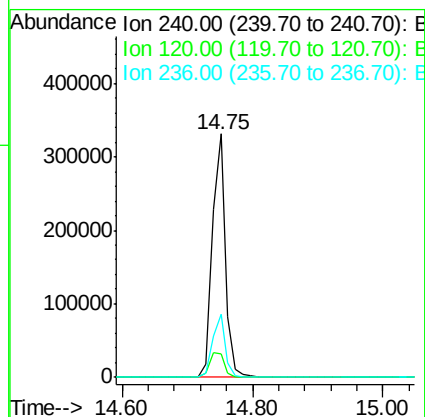
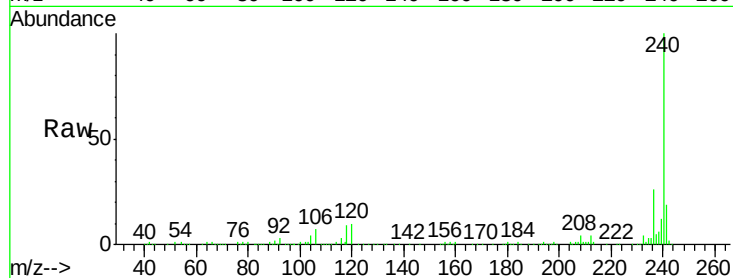




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083403.D
Acq: 2 Dec 2015 6:45

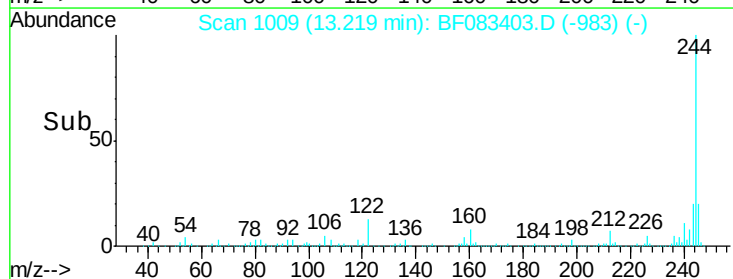
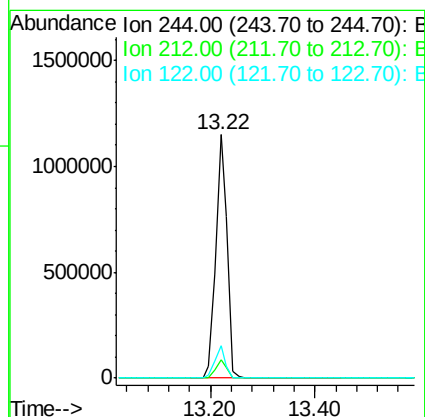
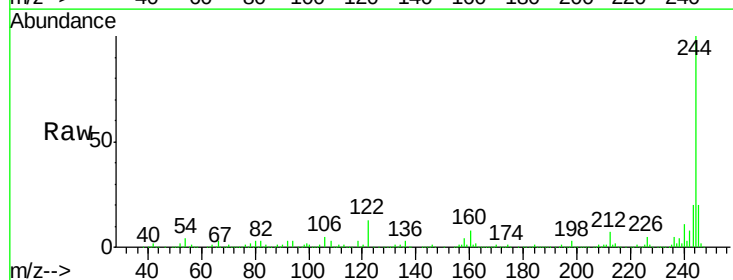
Instrument :
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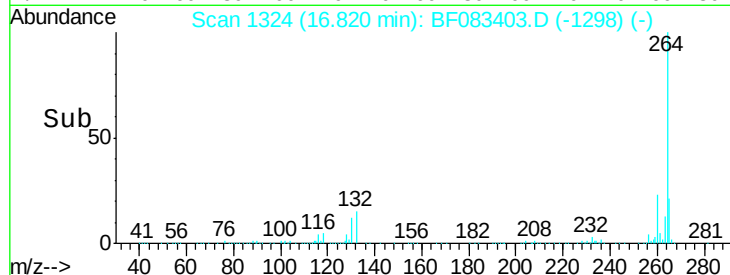
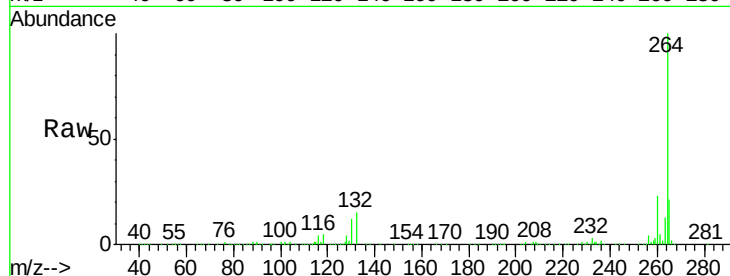
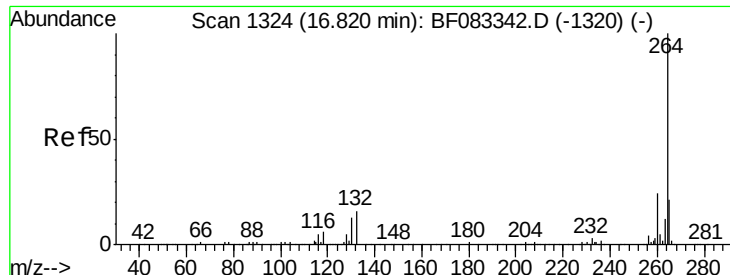
Tot Ion:240 Resp: 469630
Ion Ratio Lower Upper
240 100
120 9.7 6.9 10.3
236 25.7 19.8 29.6



#78
Terphenyl-d14
Concen: 87.49 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083403.D
Acq: 2 Dec 2015 6:45

Tgt Ion:244 Resp: 1722828
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 13.4 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF083403.D
Acq: 2 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
112515-A263-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.2	16.8	25.2

