

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083397.D
 Acq On : 2 Dec 2015 3:35
 Operator : UM/IZ
 Sample : G4587-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Dec 02 04:41:39 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

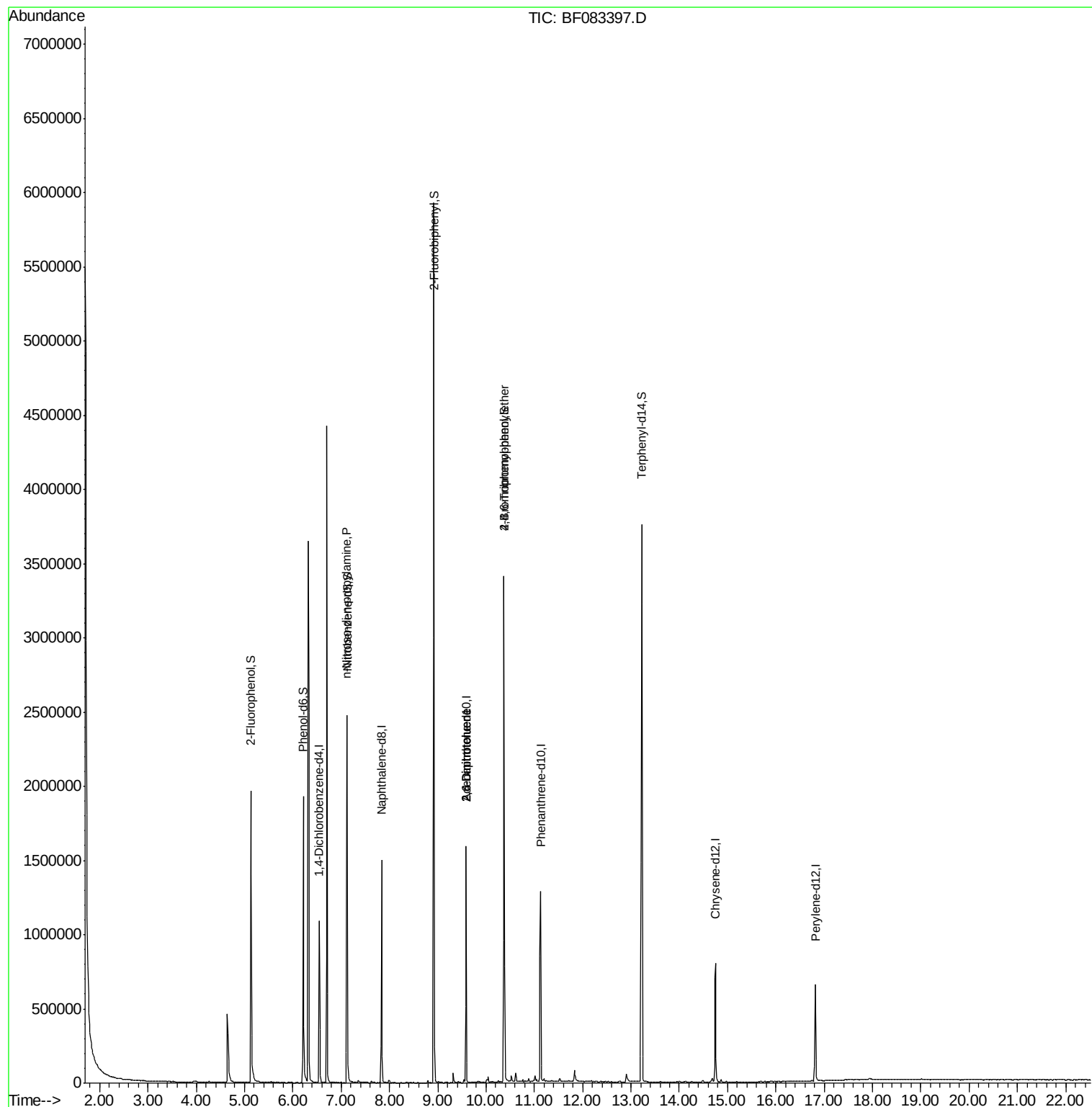
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	166183	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641059	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	332480	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	619070	20.00	ng	0.00
75) Chrysene-d12	14.75	240	458008	20.00	ng	-0.01
86) Perylene-d12	16.82	264	411373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	769452	69.48	ng	0.00
7) Phenol-d6	6.21	99	668703	44.11	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1291794	88.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	387719	116.17	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2098789	89.96	ng	0.00
78) Terphenyl-d14	13.22	244	2003194	104.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	1076	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	169893	15.68 ng	#	82
50) 2,6-Dinitrotoluene	9.58	165	41545	7.20 ng	#	18
56) 2,4-Dinitrotoluene	9.58	165	41545	5.67 ng	#	6
66) 4-Bromophenyl-phenylether	10.37	248	23306	3.44 ng	#	1

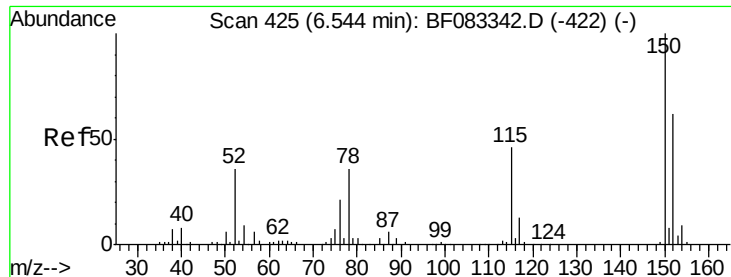
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

Instrument :

BNA_F

ClientSampled :

MW-04

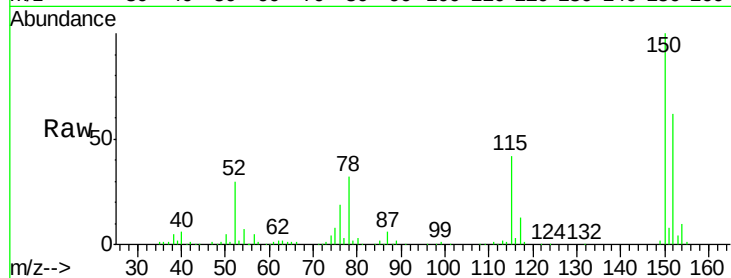
Tgt Ion:152 Resp: 166183

Ion Ratio Lower Upper

152 100

150 160.7 129.8 194.8

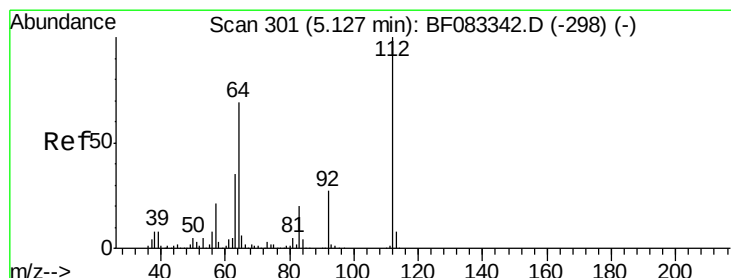
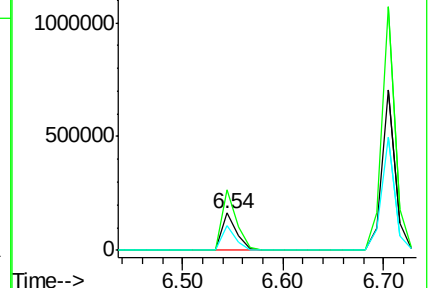
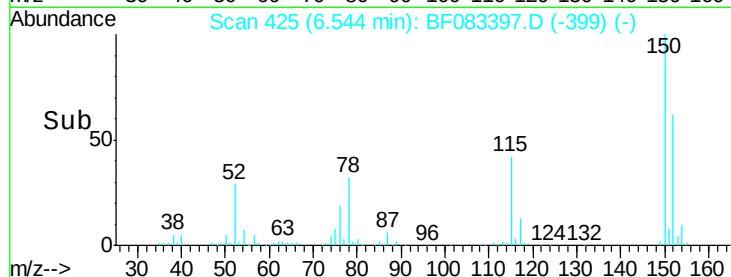
115 67.7 59.2 88.8



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: 69.48 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

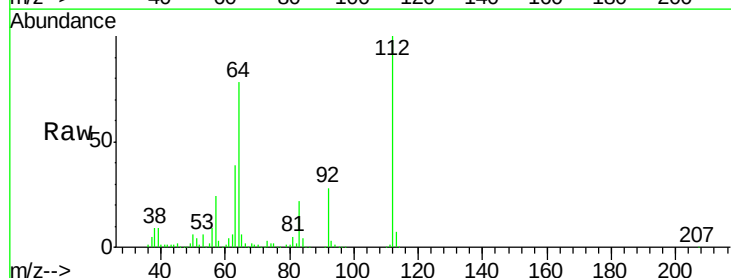
Tgt Ion:112 Resp: 769452

Ion Ratio Lower Upper

112 100

64 77.6 55.6 83.4

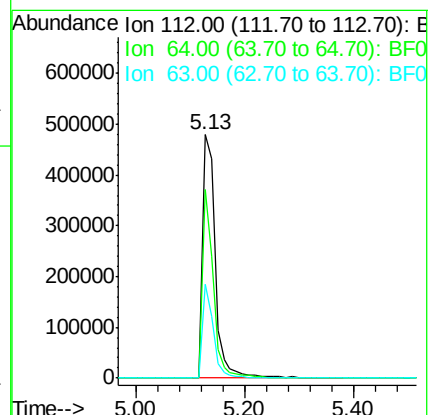
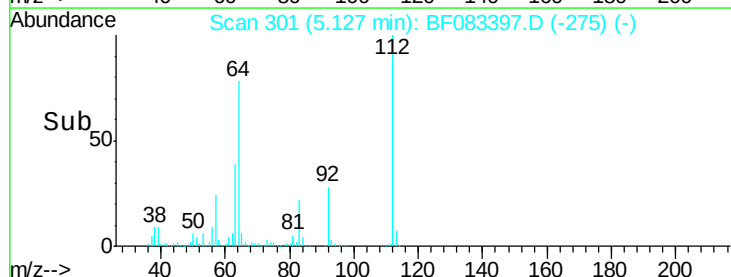
63 38.7 28.2 42.2

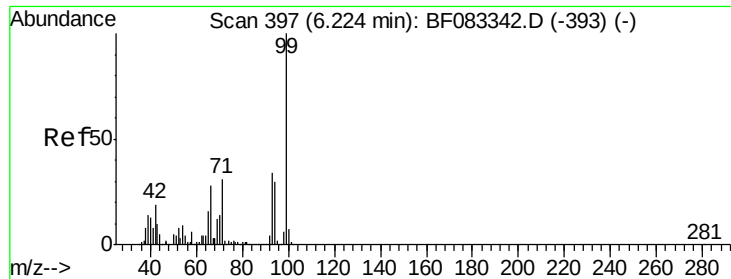


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

Instrument :

BNA_F

ClientSampleId :

MW-04

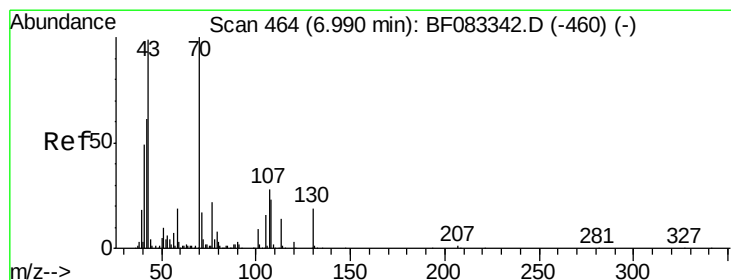
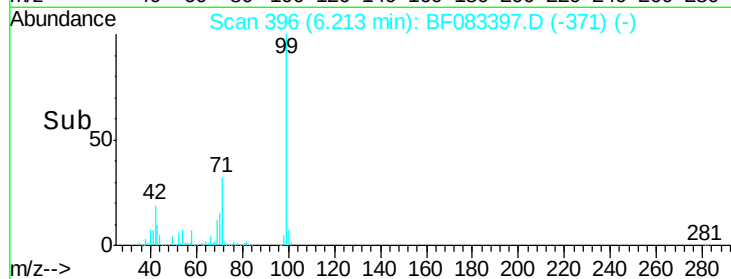
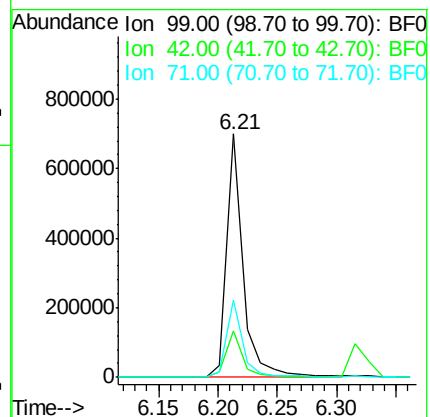
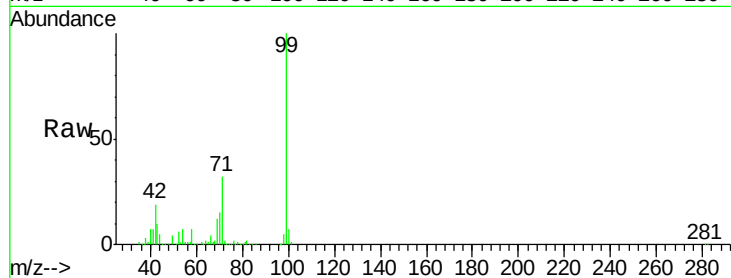
Tgt Ion: 99 Resp: 668703

Ion Ratio Lower Upper

99 100

42 19.4 14.9 22.3

71 31.9 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.68 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

Tgt Ion: 70 Resp: 169893

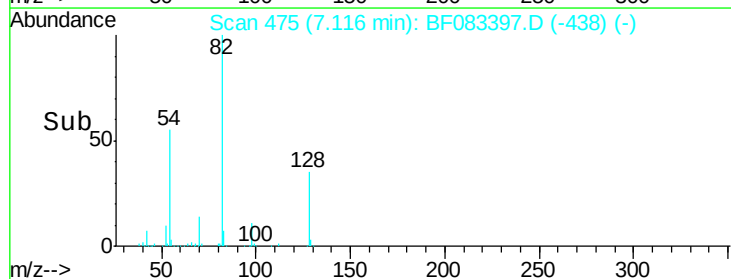
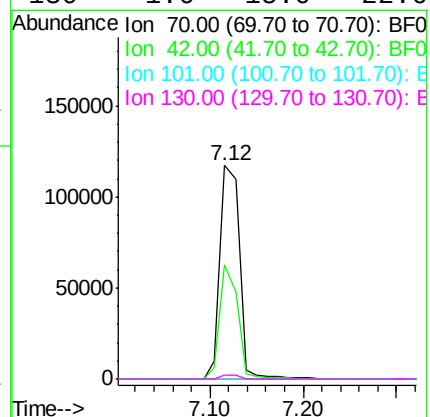
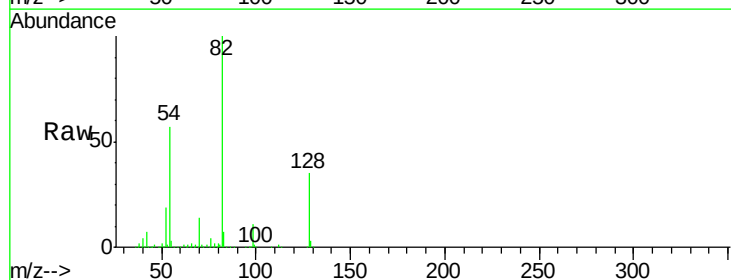
Ion Ratio Lower Upper

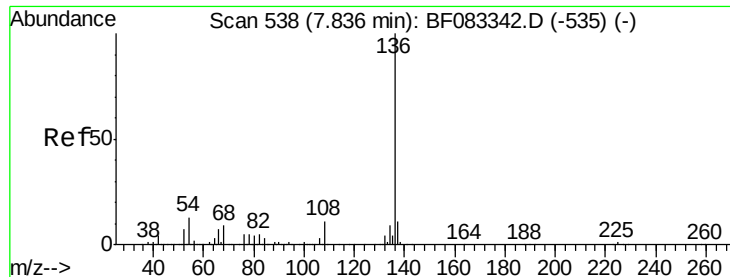
70 100

42 53.3 48.8 73.2

101 0.0 7.1 10.7#

130 1.6 15.0 22.6#

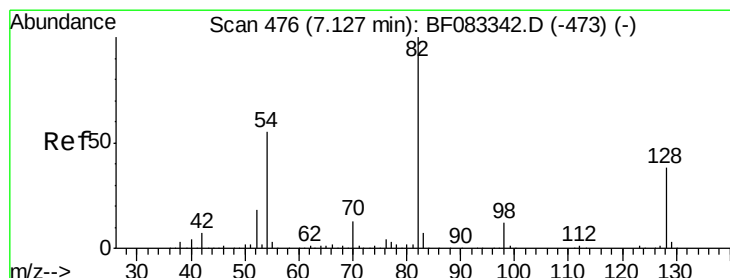
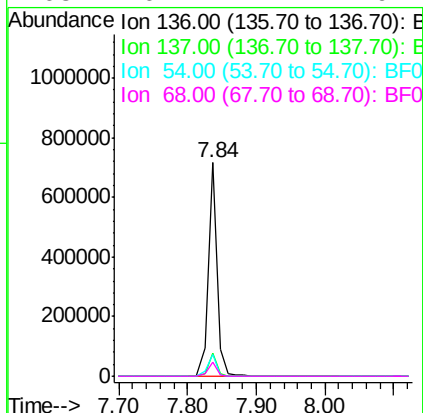
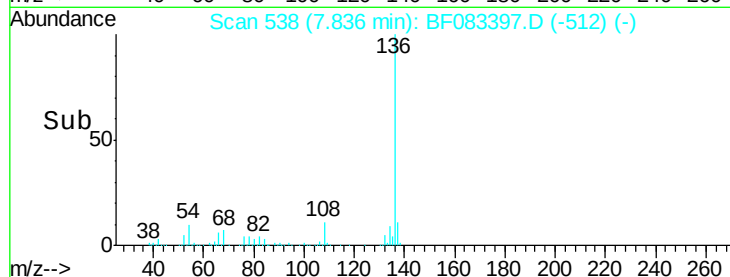
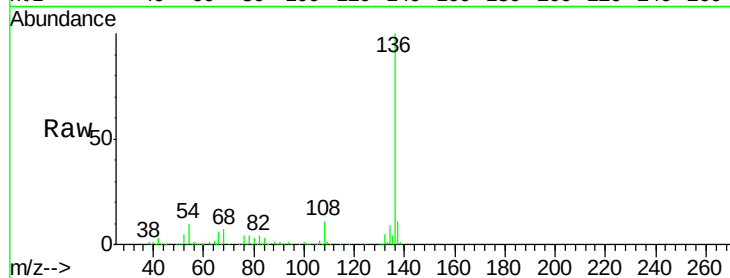




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083397.D
Acq: 2 Dec 2015 3:35

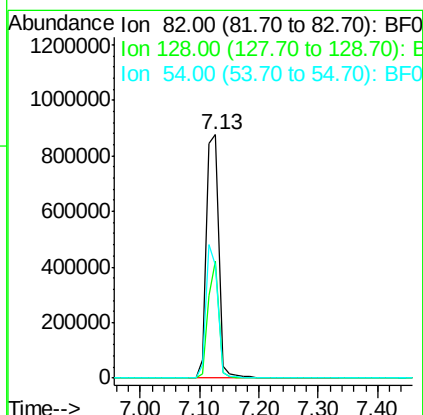
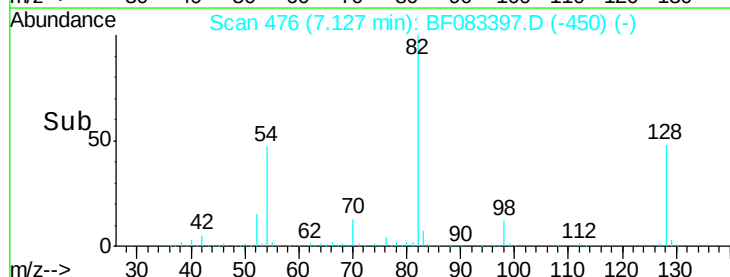
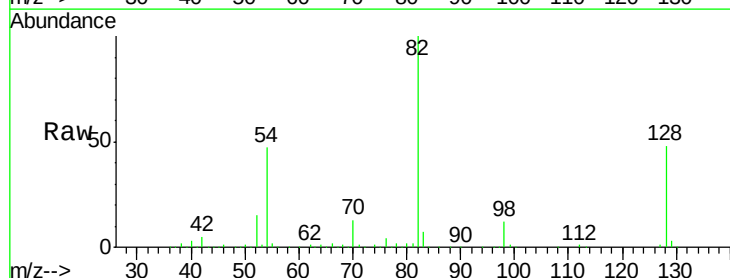
Instrument :
BNA_F
ClientSampled :
MW-04

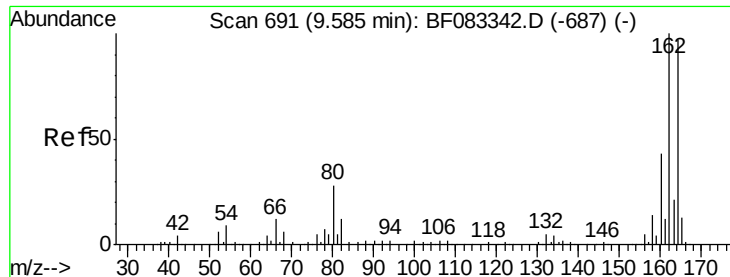
Tgt Ion:	136	Resp:	641059
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.0	10.1	15.1#
68	6.7	7.1	10.7#



#23
Nitrobenzene-d5
Concen: 88.58 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF083397.D
Acq: 2 Dec 2015 3:35

Tgt Ion:	82	Resp:	1291794
Ion	Ratio	Lower	Upper
82	100		
128	47.9	30.6	46.0#
54	46.5	43.8	65.6

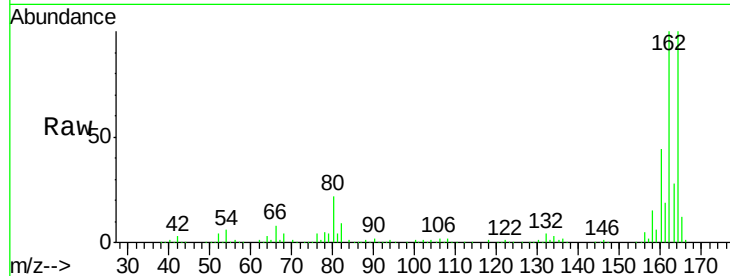




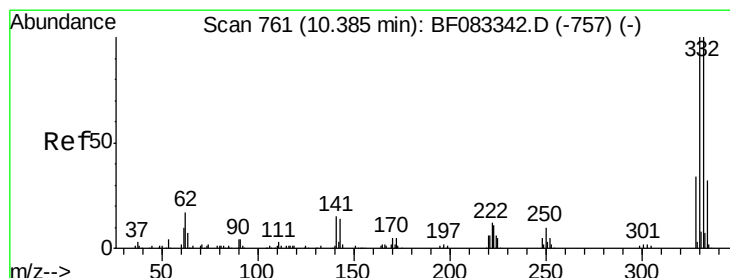
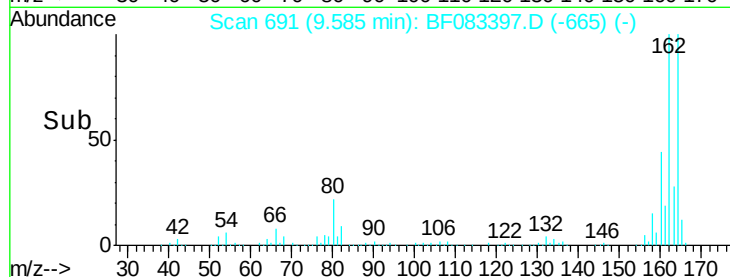
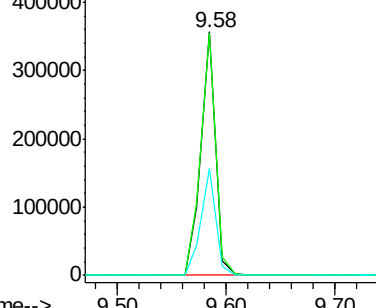
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:164 Resp: 332480
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 44.0 35.3 52.9

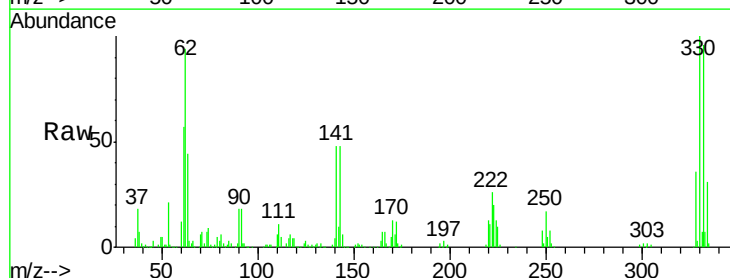


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

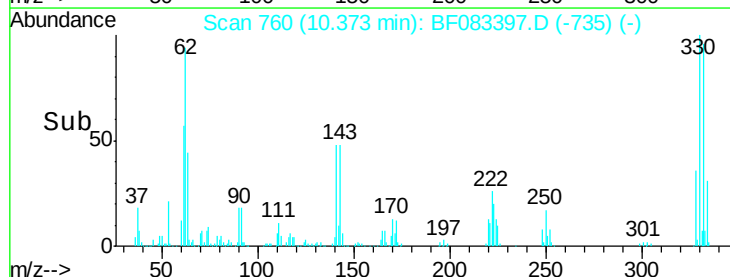
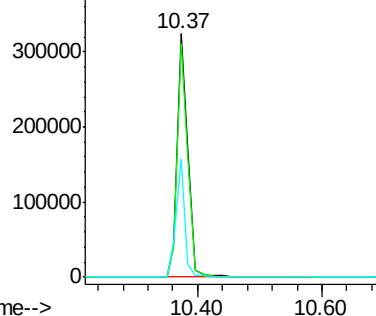


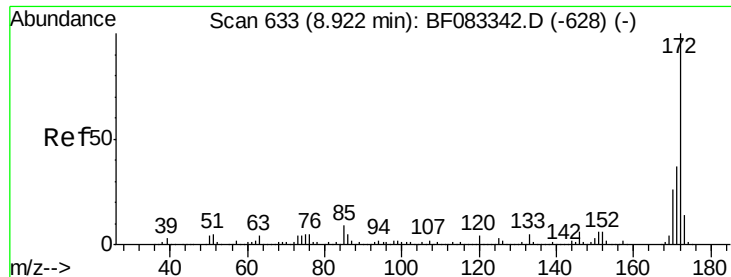
#41
 2,4,6-Tribromophenol
 Concen: 116.17 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Tgt Ion:330 Resp: 387719
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.8 116.6
 141 40.6 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

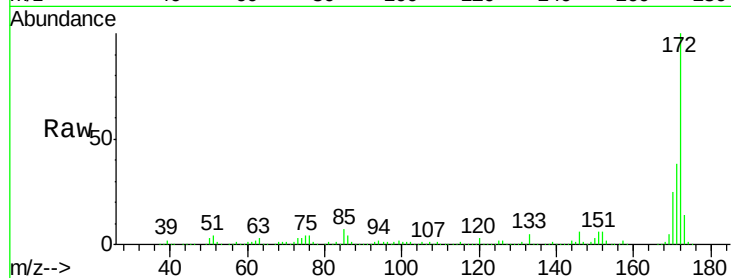




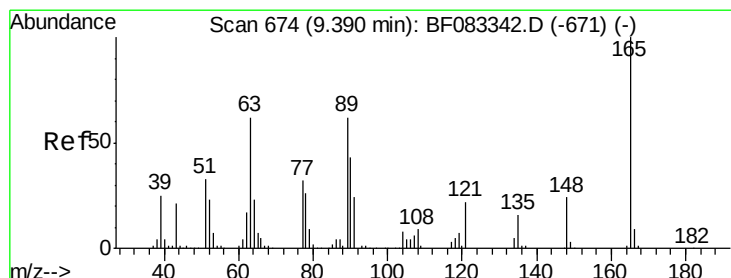
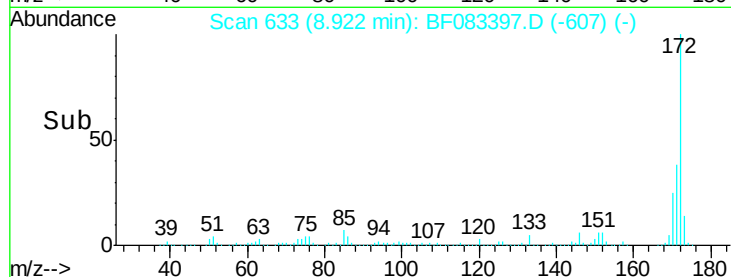
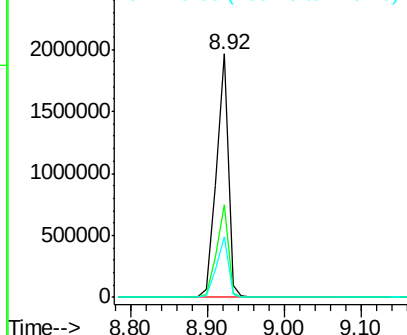
#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Instrument :
 BNA_F
 ClientSampled :
 MW-04

Tgt Ion:172 Resp: 2098789
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.4 44.0
 170 25.1 20.4 30.6

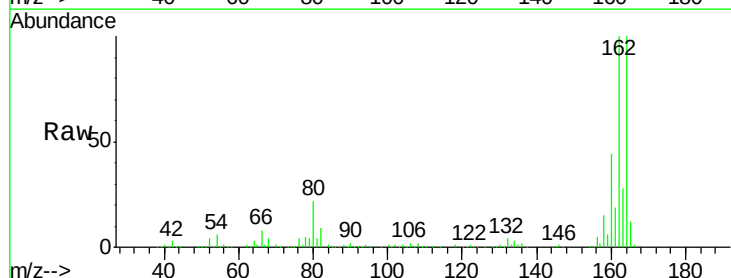


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

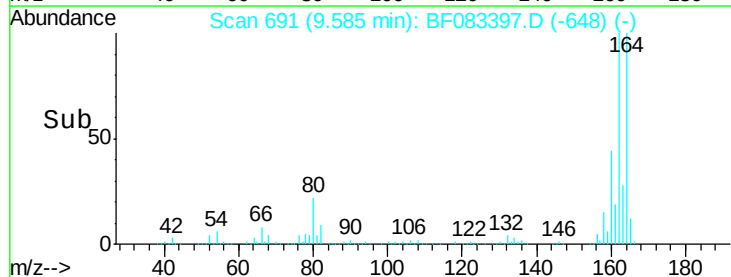
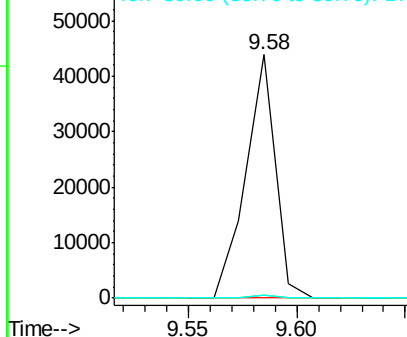


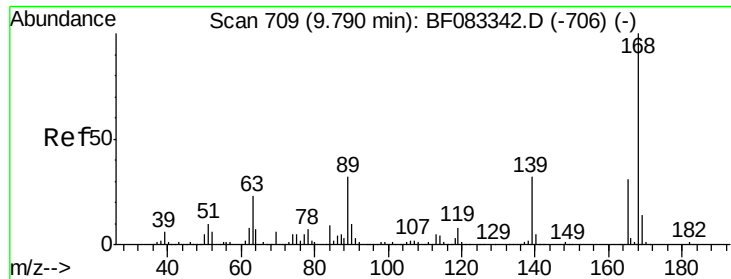
#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Tgt Ion:165 Resp: 41545
 Ion Ratio Lower Upper
 165 100
 63 1.4 56.0 84.0#
 89 1.2 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

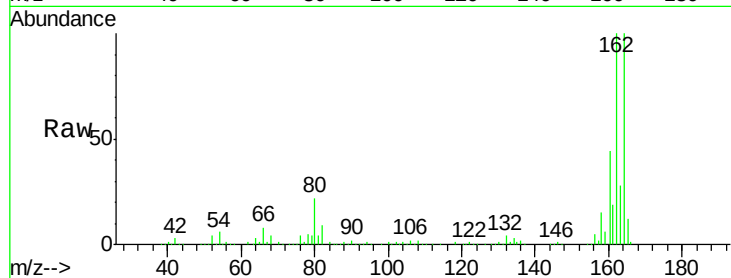




#56
 2,4-Dinitrotoluene
 Concen: 5.67 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	41545		
63	1.4	65.4	98.0#	
89	1.2	81.2	121.8#	
182	0.0	1.8	2.8#	

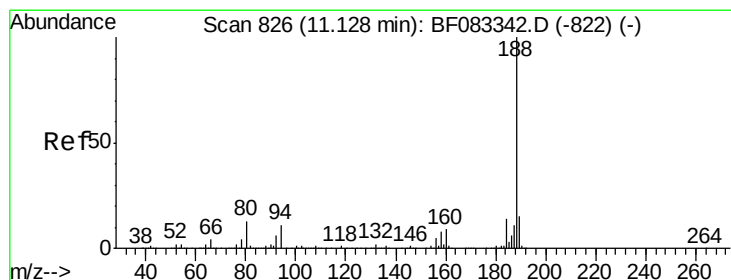
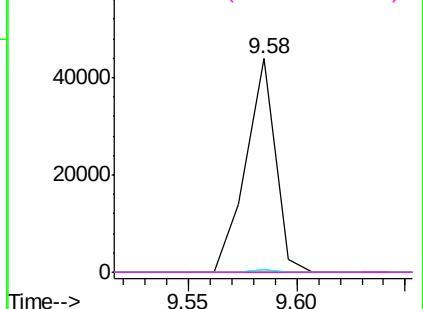
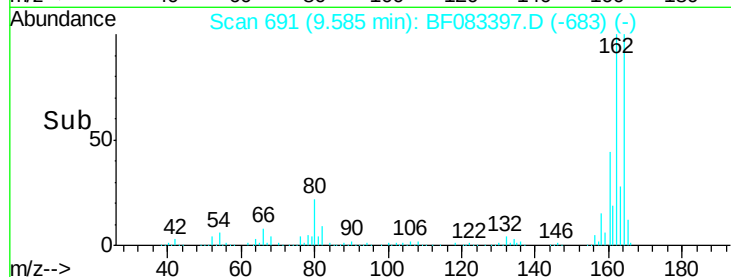


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

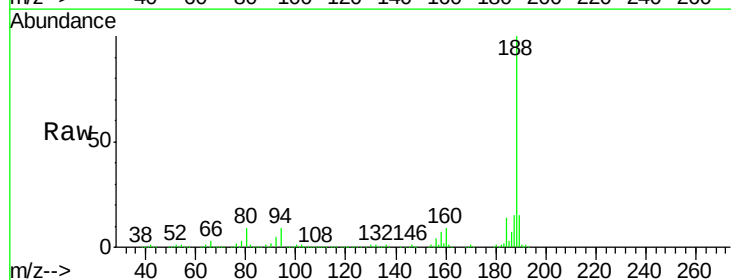
Ion 89.00 (88.70 to 89.70): BF0

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: BF083397.D
 Acq: 2 Dec 2015 3:35

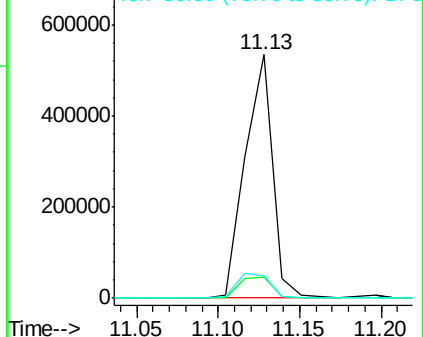
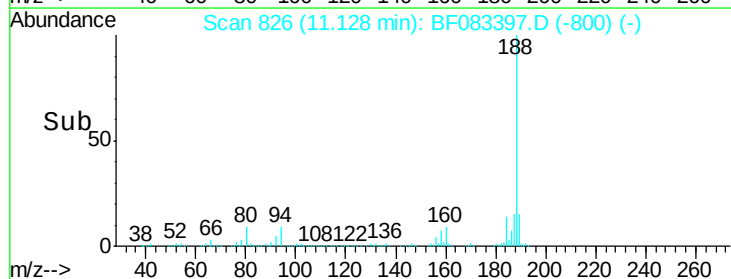
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	619070		
94	8.7	8.7	13.1#	
80	9.3	10.3	15.5#	

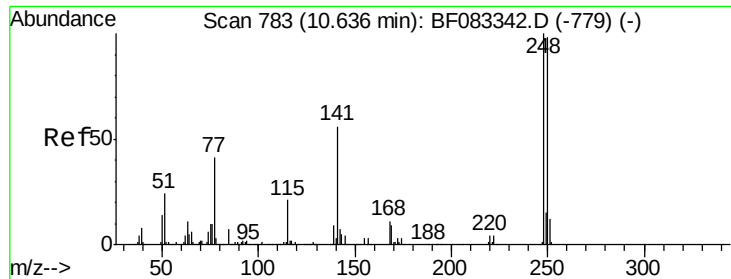


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.44 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

Instrument :

BNA_F

ClientSampleId :

MW-04

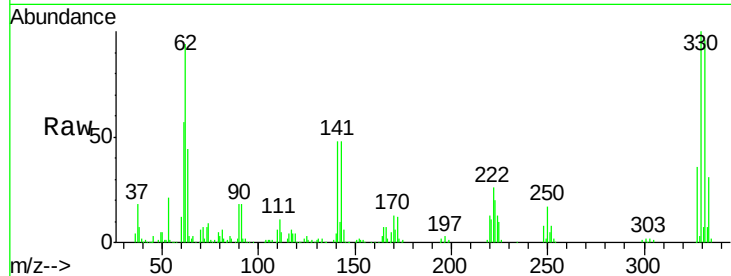
Tgt Ion:248 Resp: 23306

Ion Ratio Lower Upper

248 100

250 202.6 78.6 118.0#

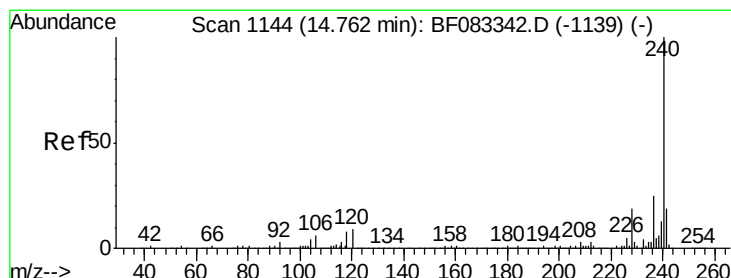
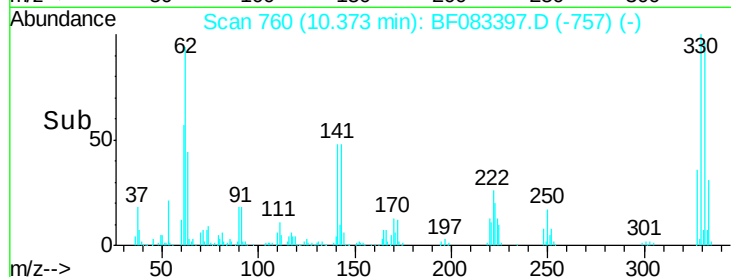
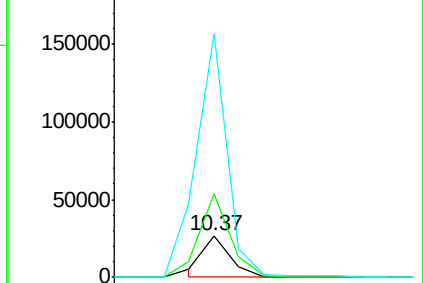
141 588.5 44.4 66.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083397.D

Acq: 2 Dec 2015 3:35

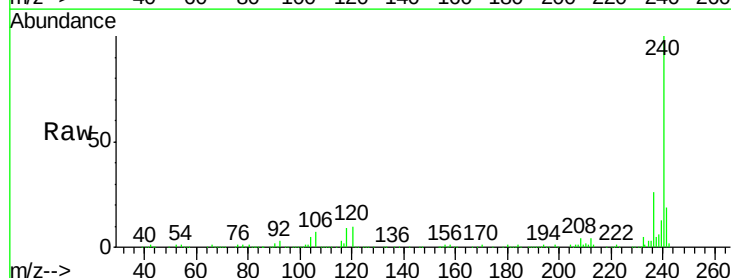
Tgt Ion:240 Resp: 458008

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

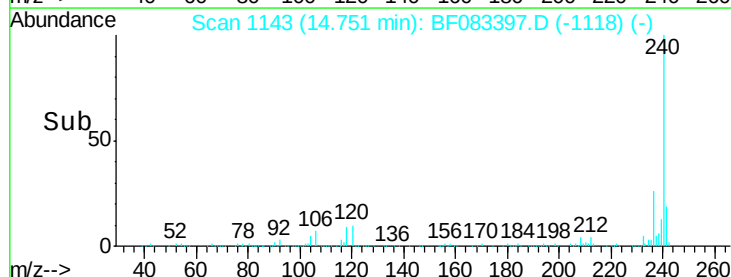
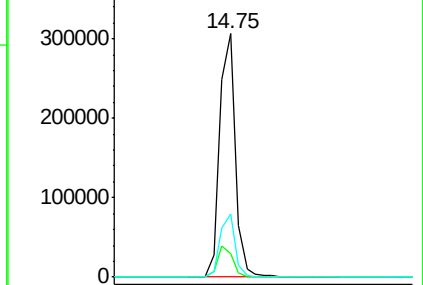
236 25.8 19.8 29.6

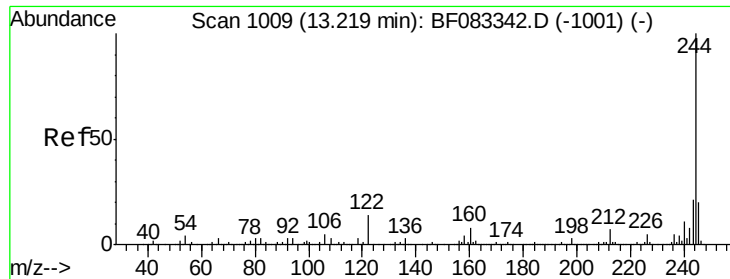


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

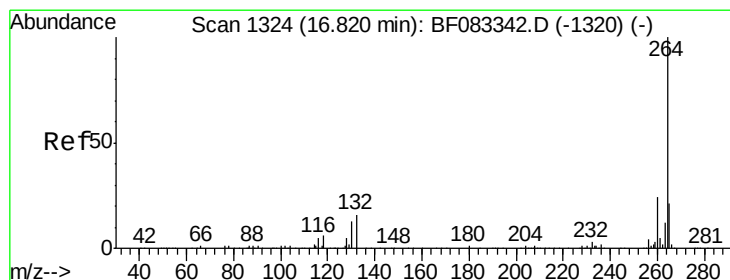
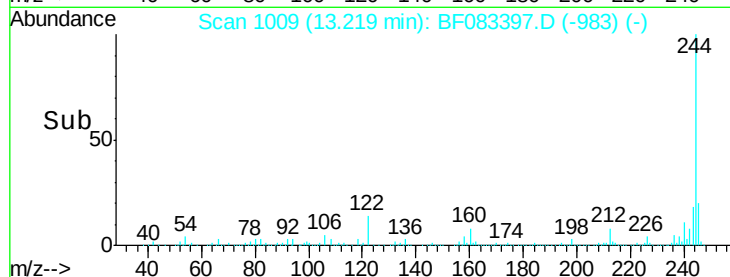
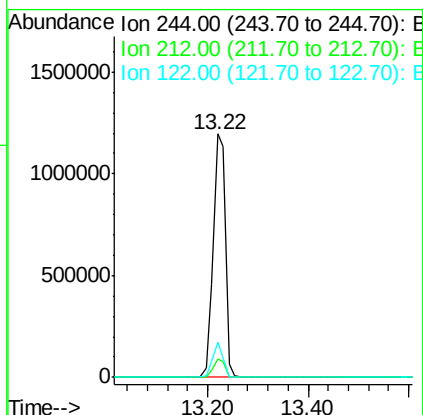
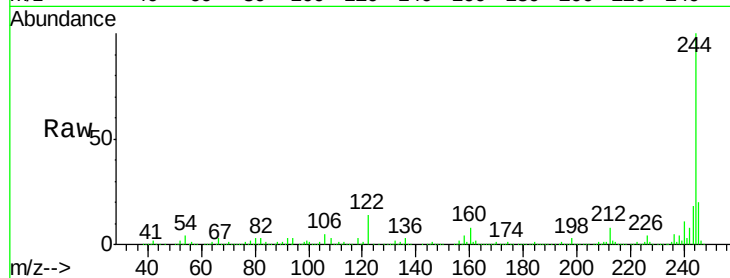




#78
 Terphenyl-d14
 Concen: 104.31 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 2003194
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083397.D
 Acq: 2 Dec 2015 3:35

Tgt Ion:264 Resp: 411373
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.7 16.8 25.2

