

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083396.D
 Acq On : 2 Dec 2015 3:04
 Operator : UM/IZ
 Sample : G4587-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Dec 02 03:50:20 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

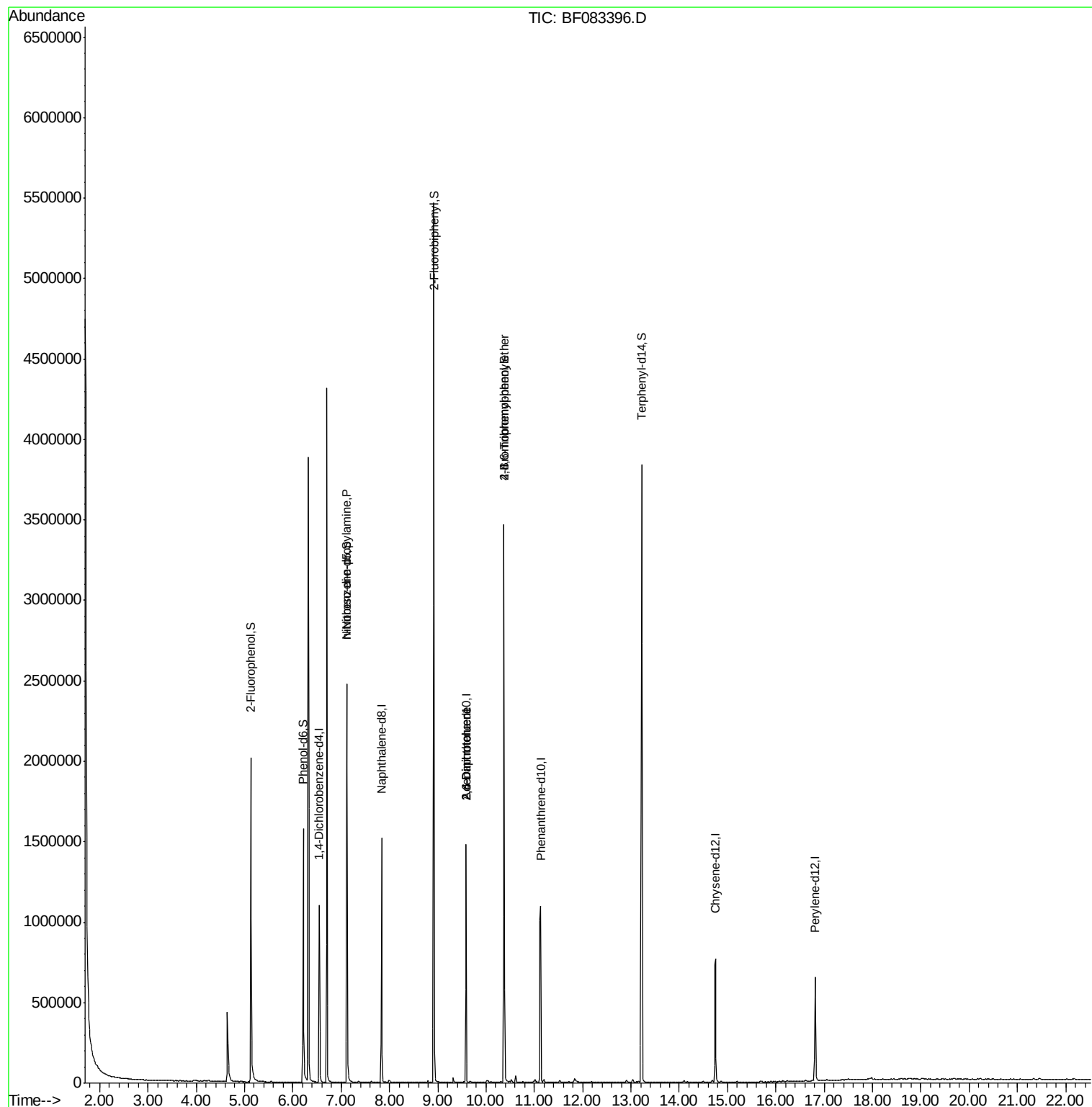
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	163070	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641477	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	325331	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	607377	20.00	ng	0.00
75) Chrysene-d12	14.75	240	461026	20.00	ng	-0.01
86) Perylene-d12	16.81	264	376999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	685164	63.05	ng	0.00
7) Phenol-d6	6.21	99	601871	40.46	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1191715	81.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	373983	114.51	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2031262	88.98	ng	0.00
78) Terphenyl-d14	13.22	244	1966802	101.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	828	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	158301	14.89 ng	#	82
50) 2,6-Dinitrotoluene	9.58	165	40605	7.19 ng	#	18
56) 2,4-Dinitrotoluene	9.58	165	40605	5.67 ng	#	6
66) 4-Bromophenyl-phenylether	10.37	248	22531	3.39 ng	#	1

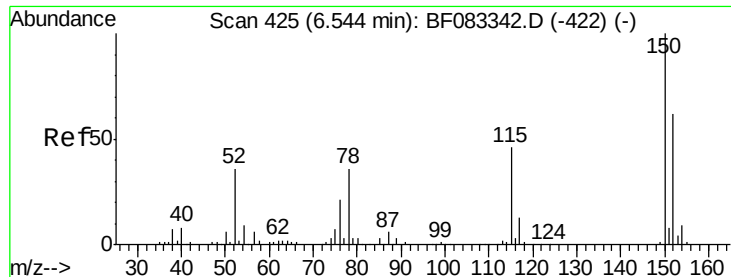
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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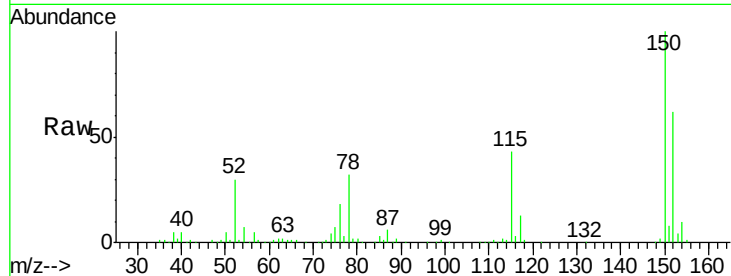


#1

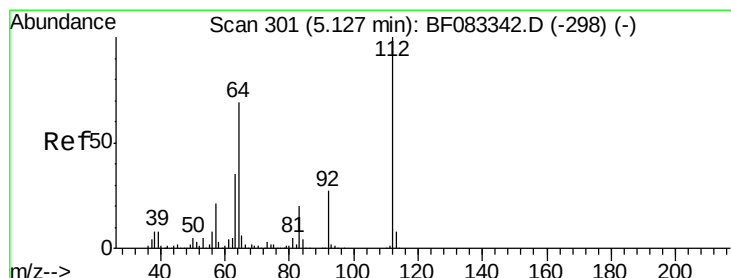
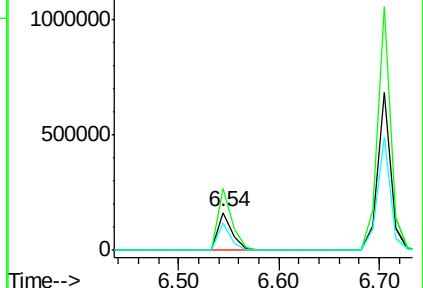
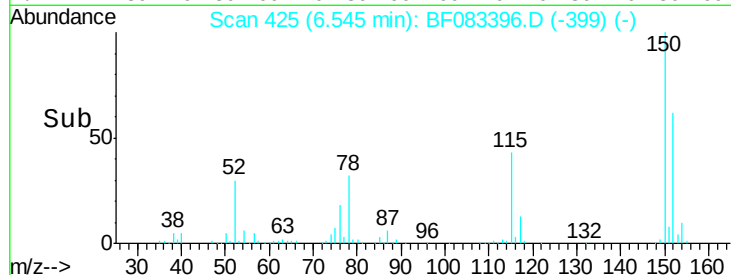
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 163070
Ion Ratio Lower Upper
152 100
150 162.2 129.8 194.8
115 69.9 59.2 88.8



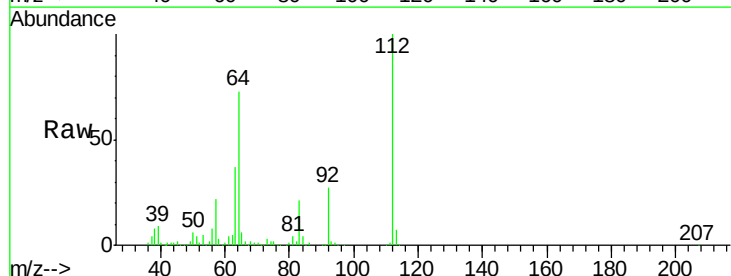
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



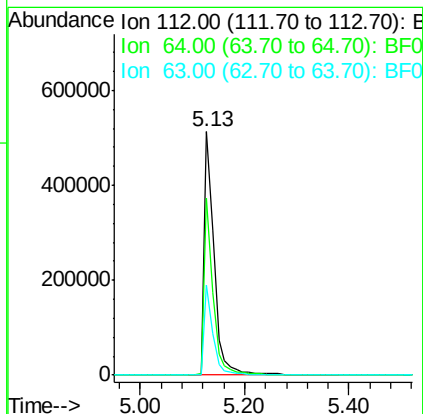
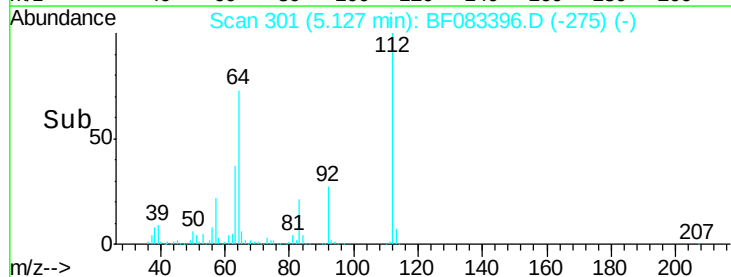
#5

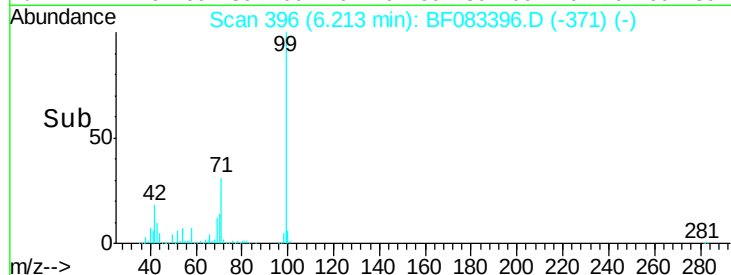
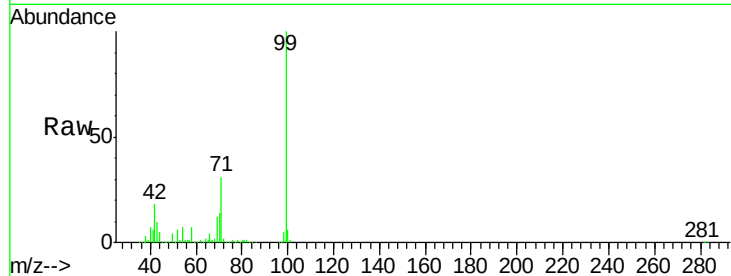
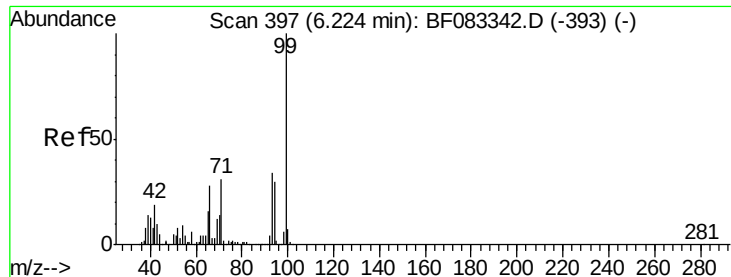
2-Fluorophenol
Concen: 63.05 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:112 Resp: 685164
Ion Ratio Lower Upper
112 100
64 72.5 55.6 83.4
63 36.8 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: 40.46 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083396.D

Acq: 2 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

MW-03

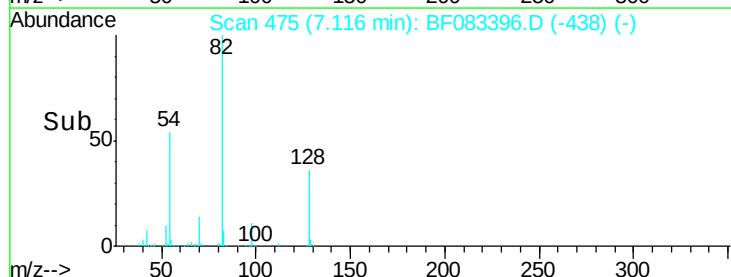
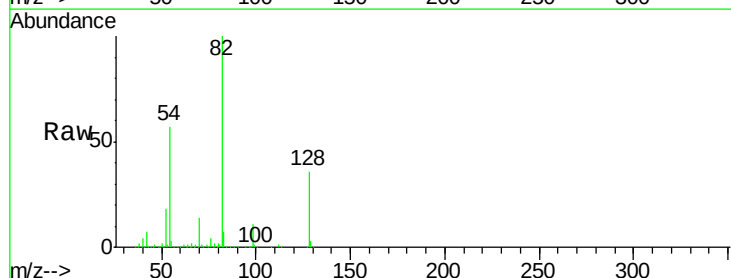
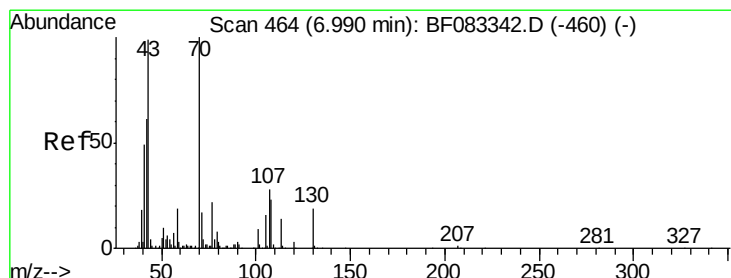
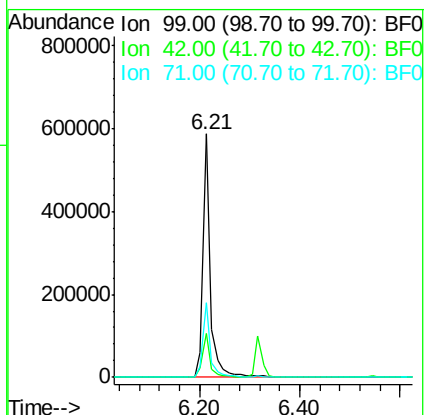
Tgt Ion: 99 Resp: 601871

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 30.8 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.89 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083396.D

Acq: 2 Dec 2015 3:04

Tgt Ion: 70 Resp: 158301

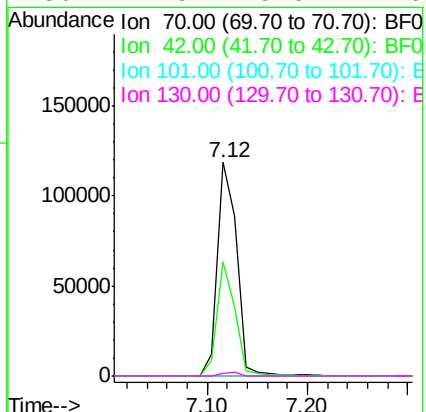
Ion Ratio Lower Upper

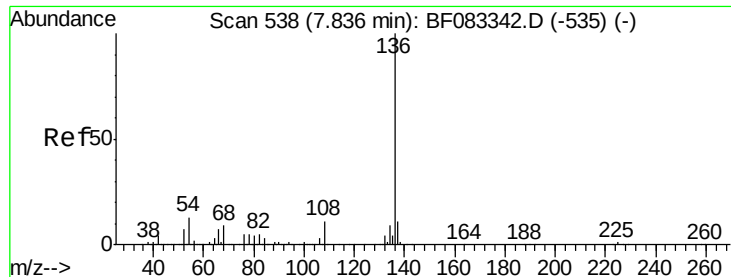
70 100

42 53.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.5 15.0 22.6#

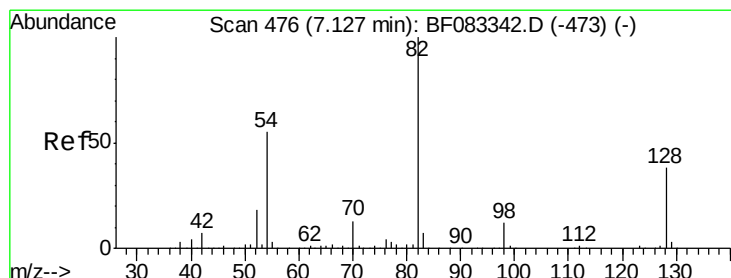
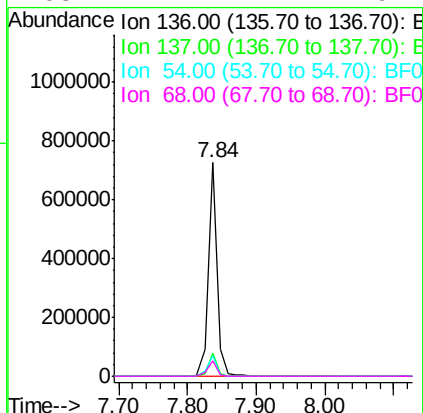
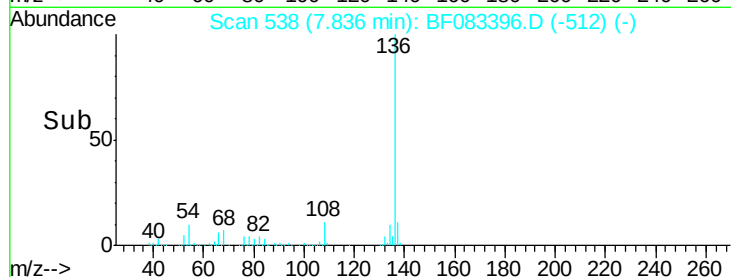
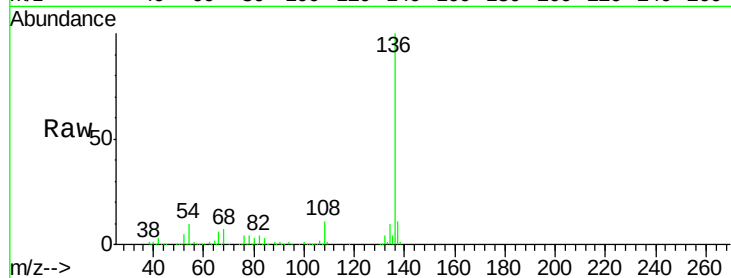




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

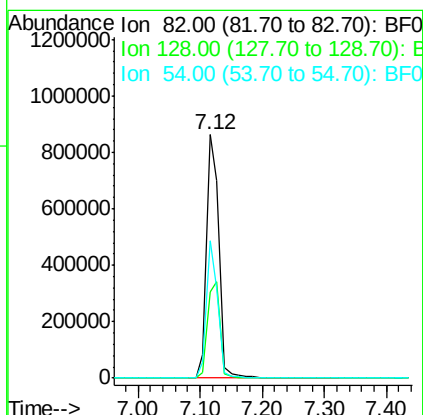
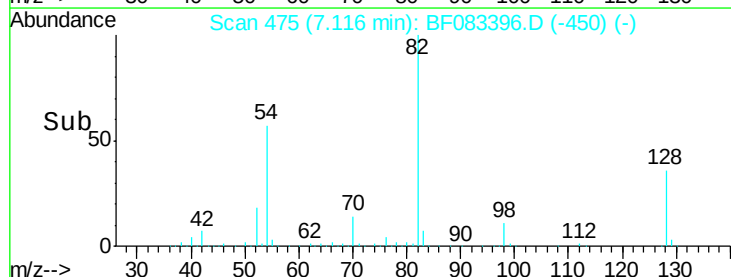
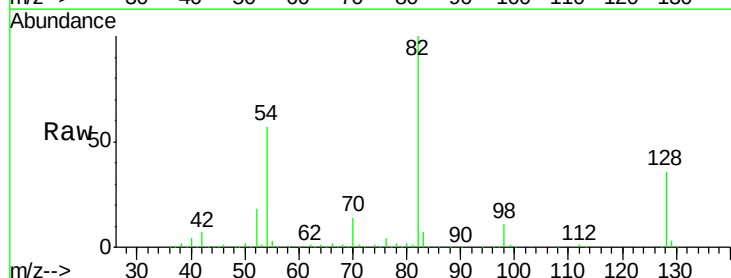
Instrument :
BNA_F
ClientSampled :
MW-03

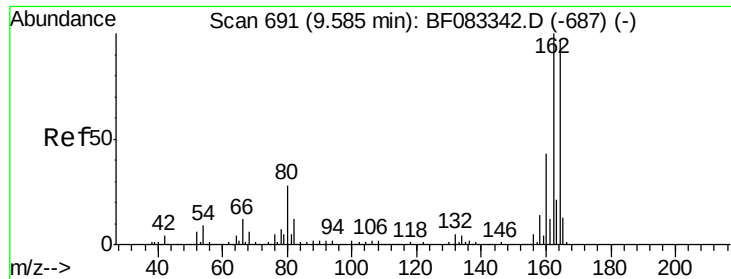
Tgt Ion:	136	Resp:	641477
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.9	10.1	15.1#
68	7.1	7.1	10.7



#23
Nitrobenzene-d5
Concen: 81.67 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:	82	Resp:	1191715
Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.6	46.0
54	56.6	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: BF083396.D

Acq: 2 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

MW-03

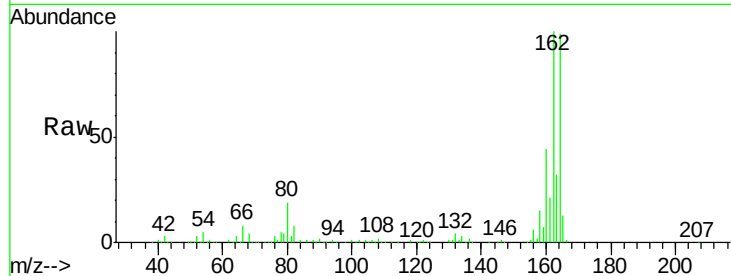
Tgt Ion:164 Resp: 325331

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

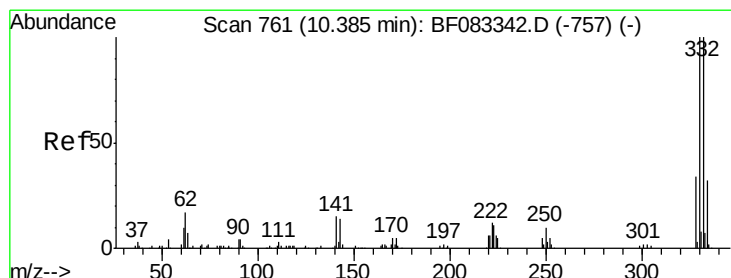
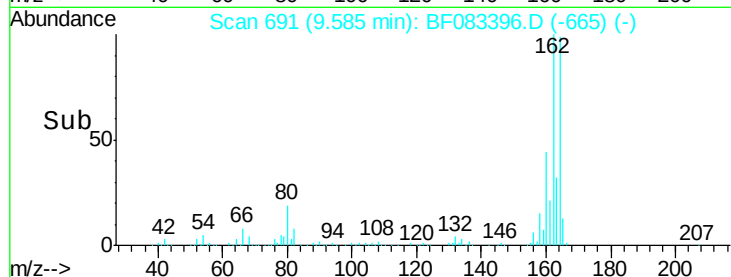
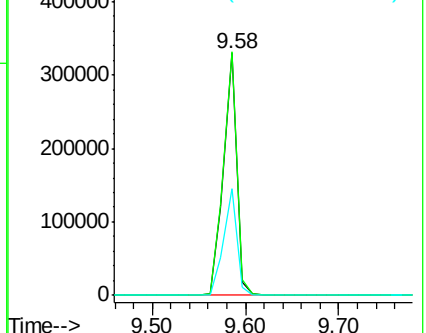
160 44.2 35.3 52.9



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: 114.51 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083396.D

Acq: 2 Dec 2015 3:04

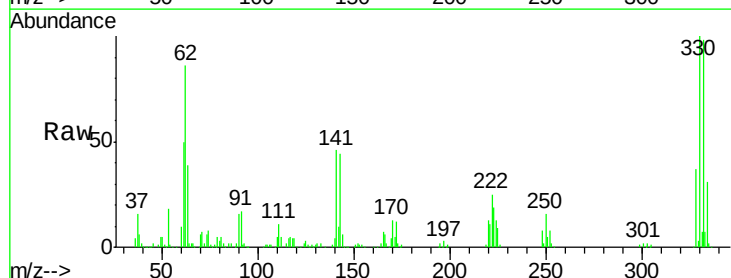
Tgt Ion:330 Resp: 373983

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

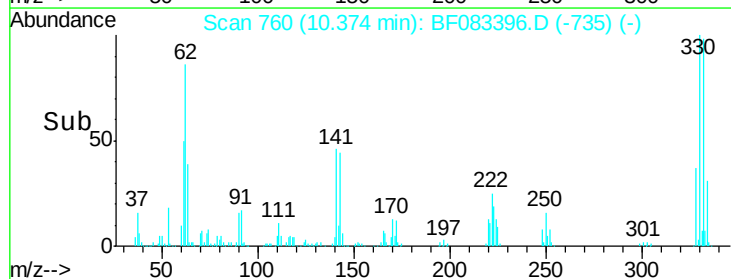
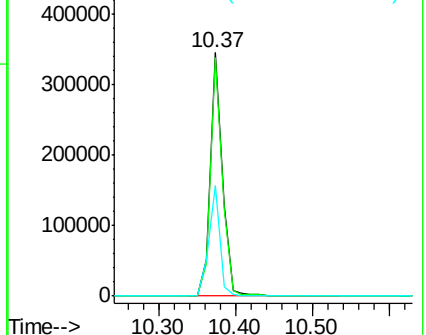
141 41.9 29.4 44.0

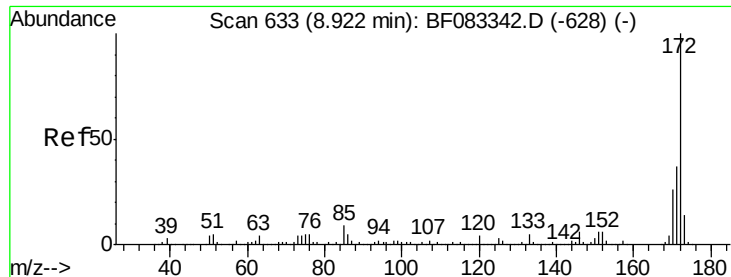


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

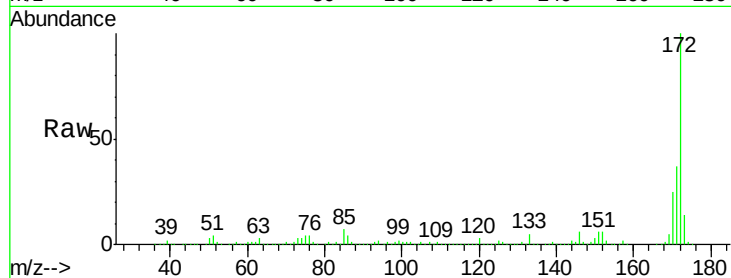




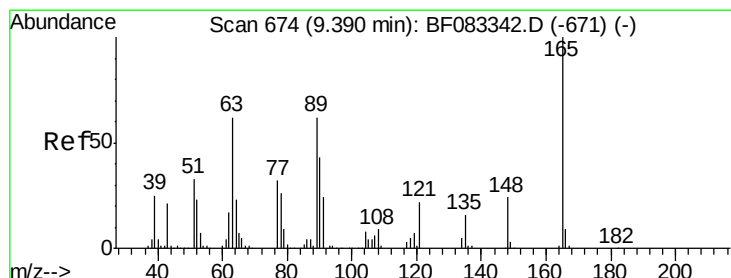
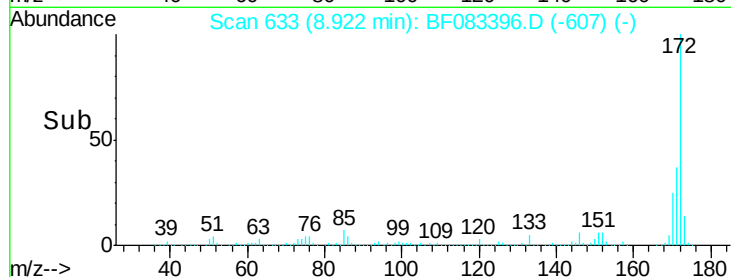
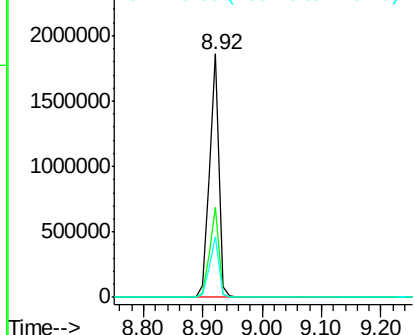
#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Instrument :
 BNA_F
 ClientSampled :
 MW-03

Tgt Ion:172 Resp: 2031262
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.8 20.4 30.6

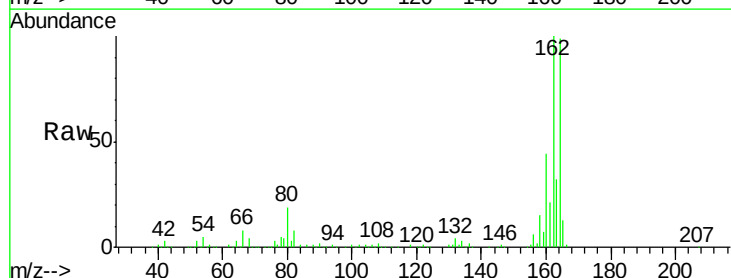


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

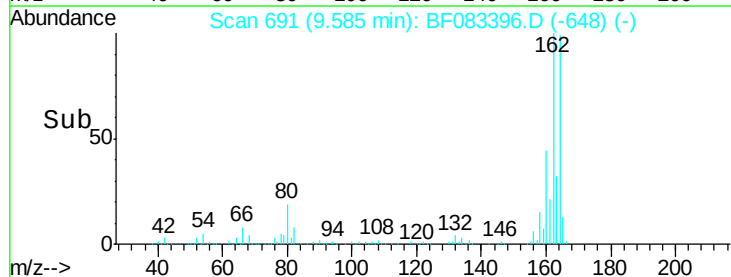
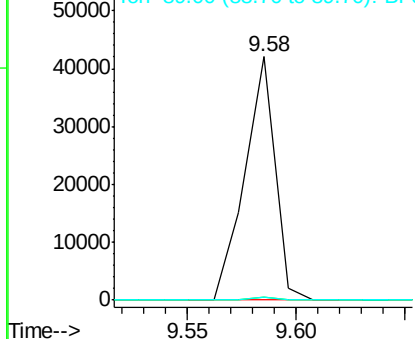


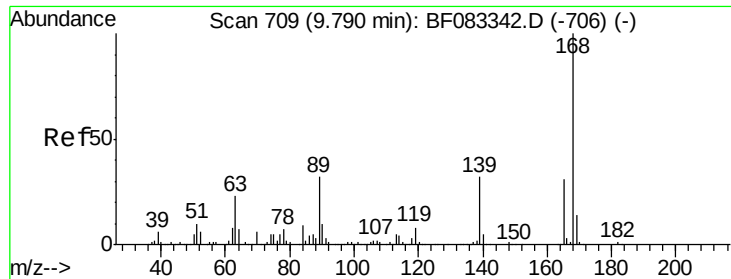
#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Tgt Ion:165 Resp: 40605
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

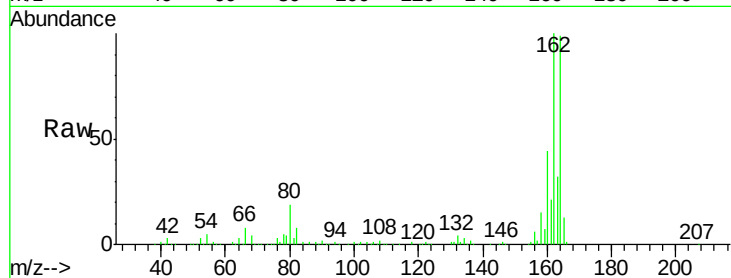




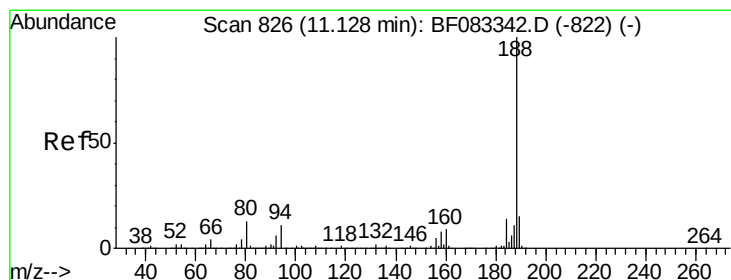
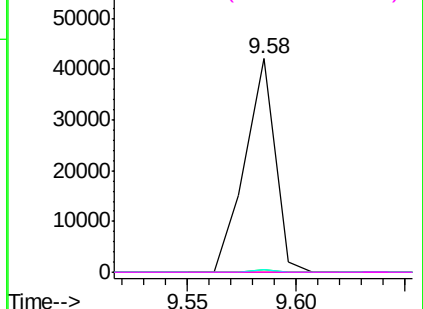
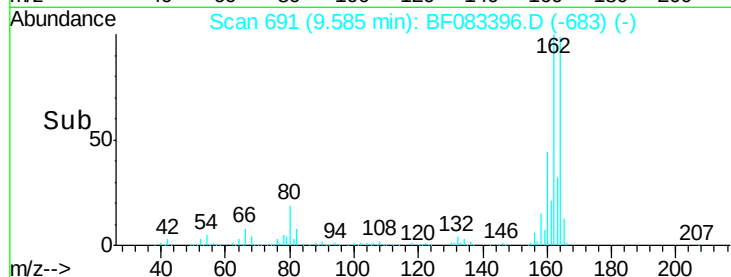
#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:165 Resp: 40605
Ion Ratio Lower Upper
165 100
63 1.2 65.4 98.0#
89 1.3 81.2 121.8#
182 0.0 1.8 2.8#

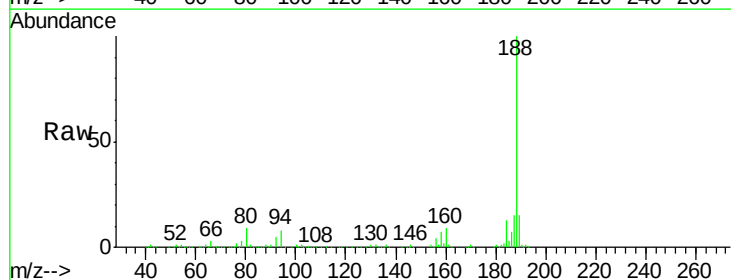


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

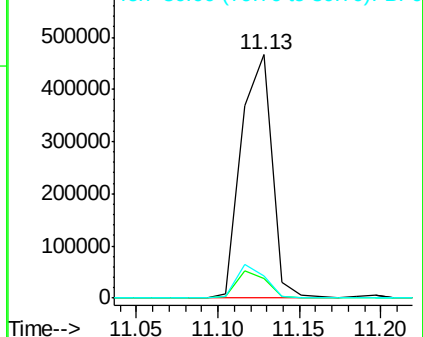
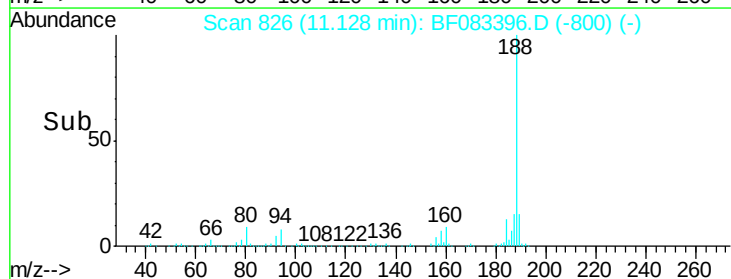


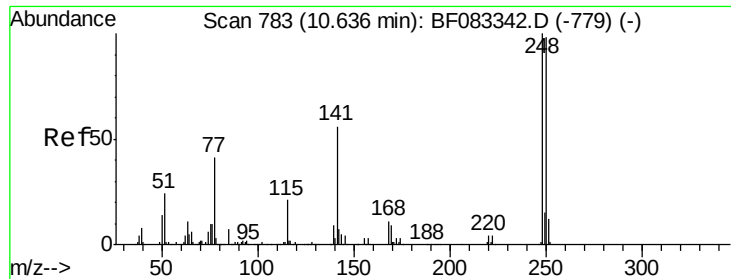
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:188 Resp: 607377
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 8.9 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

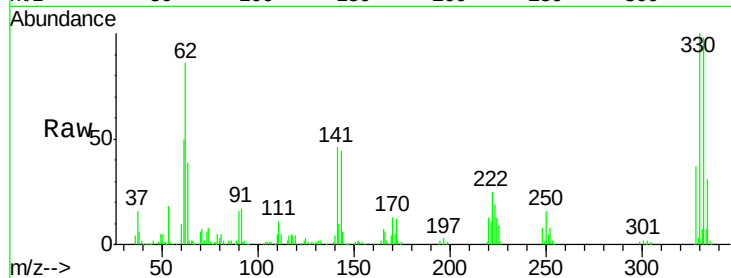




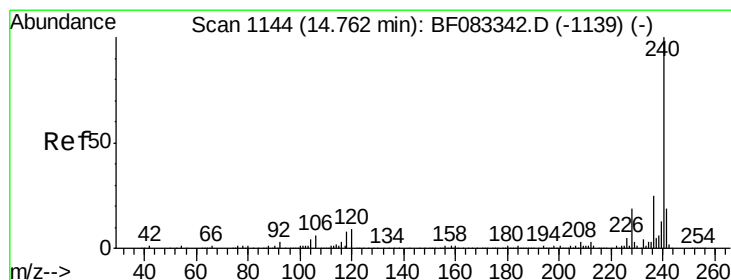
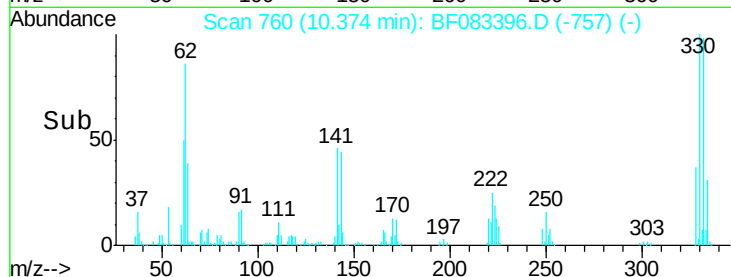
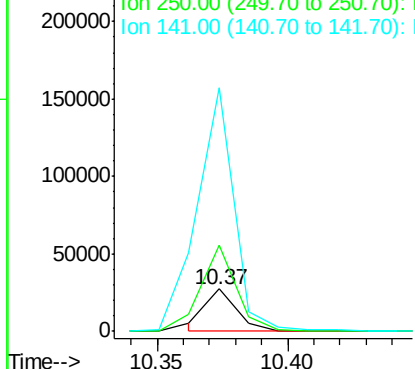
#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion:248 Resp: 22531
 Ion Ratio Lower Upper
 248 100
 250 205.8 78.6 118.0#
 141 577.5 44.4 66.6#

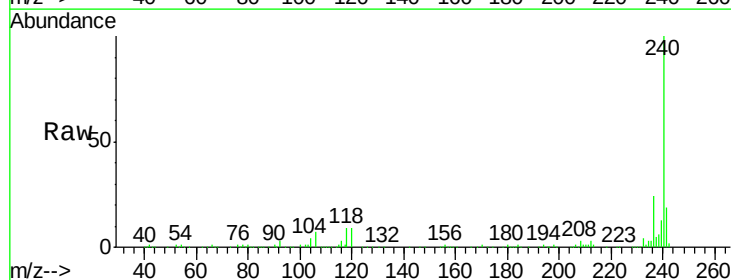


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

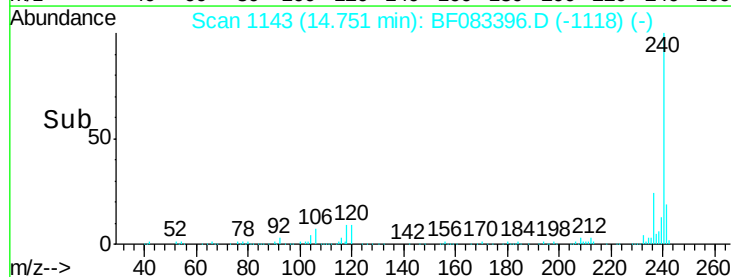
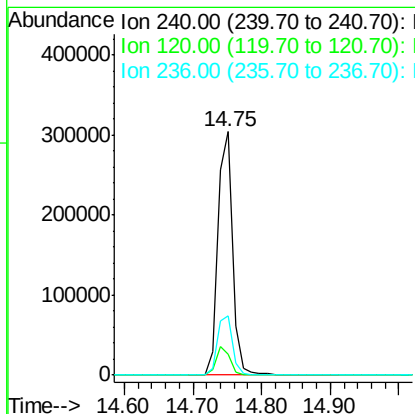


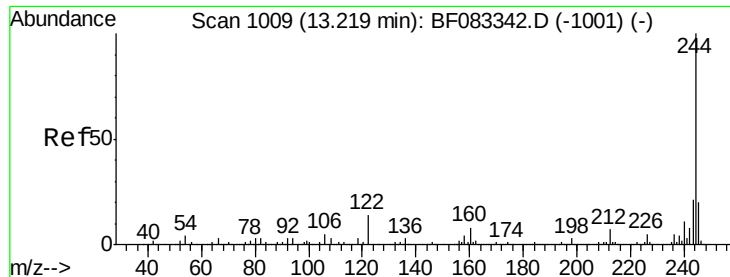
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Tgt Ion:240 Resp: 461026
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 24.5 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

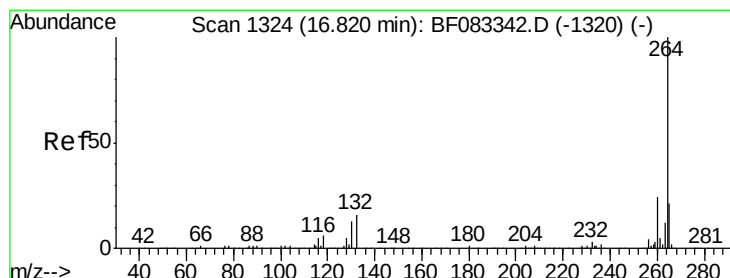
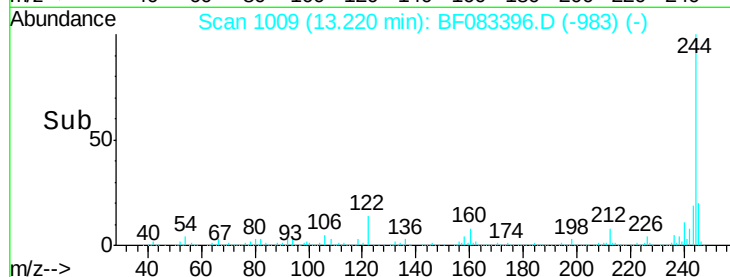
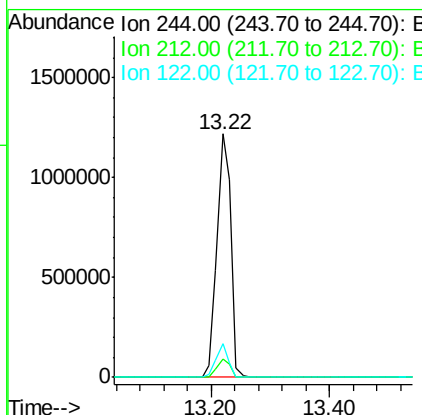
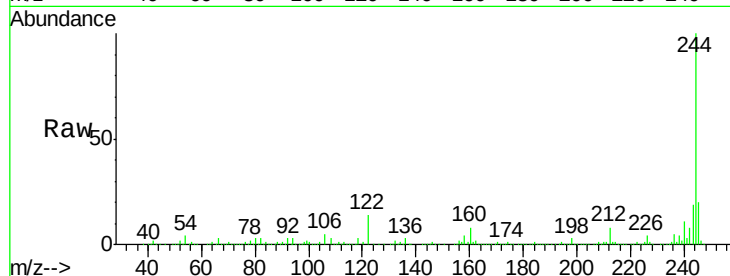




#78
 Terphenyl-d14
 Concen: 101.74 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion:244 Resp: 1966802
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083396.D
 Acq: 2 Dec 2015 3:04

Tgt Ion:264 Resp: 376999
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.5 16.8 25.2

