

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083395.D
 Acq On : 2 Dec 2015 2:33
 Operator : UM/IZ
 Sample : G4587-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 02 03:24:19 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

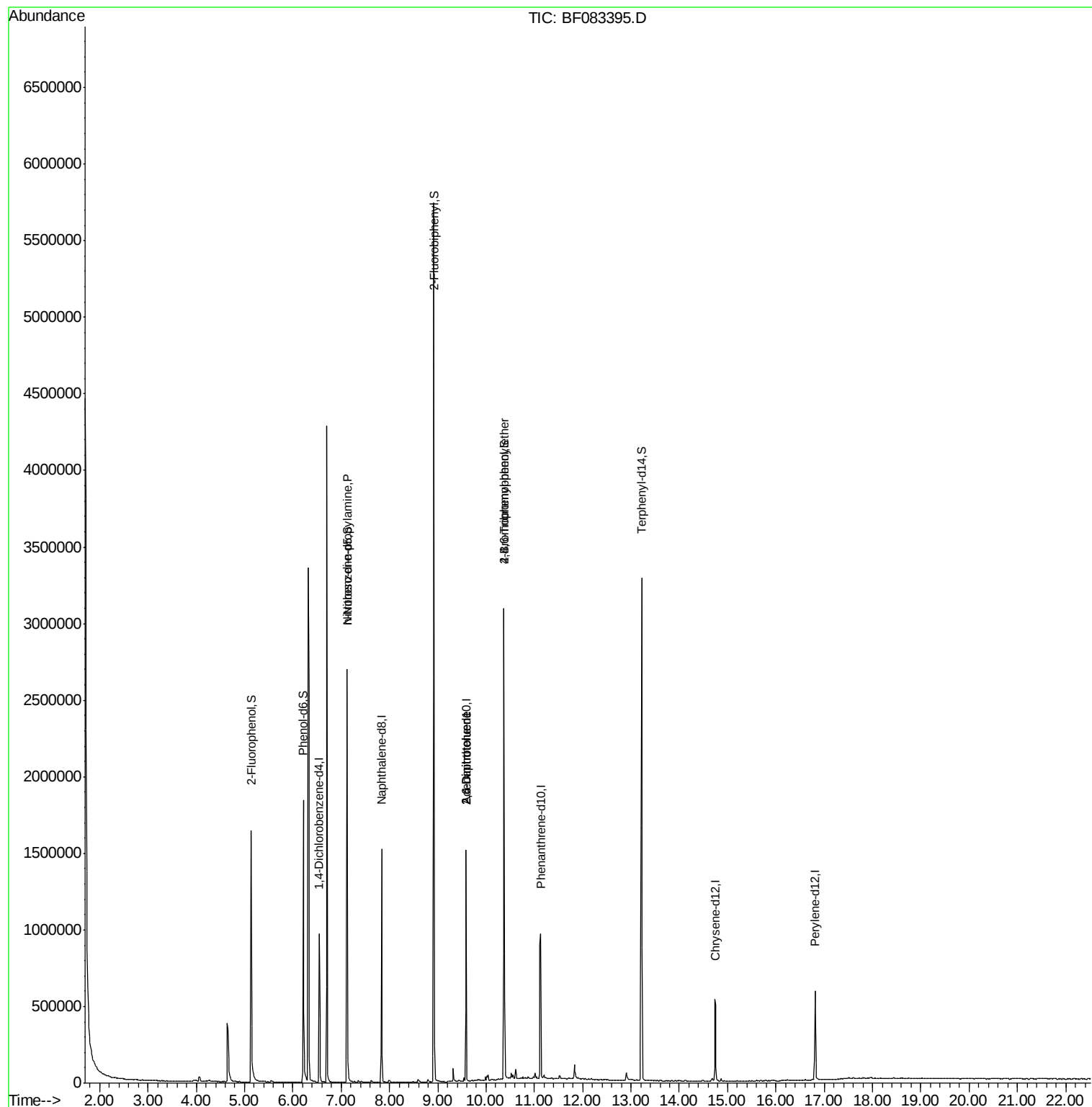
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	158149	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	622627	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	311677	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	522229	20.00	ng	0.00
75) Chrysene-d12	14.75	240	310540	20.00	ng	-0.01
86) Perylene-d12	16.81	264	343729	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	739704	70.18	ng	0.01
7) Phenol-d6	6.21	99	665215	46.11	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1281431	90.47	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	340413	108.80	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1962015	89.71	ng	0.00
78) Terphenyl-d14	13.22	244	1363983	104.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	931	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.13	70	169145	16.40	ng	# 77
50) 2,6-Dinitrotoluene	9.58	165	39509	7.30	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	39509	5.76	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	20759	3.63	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: BF083395.D

Acq: 2 Dec 2015 2:33

Instrument :

BNA_F

ClientSampleId :

MW-02

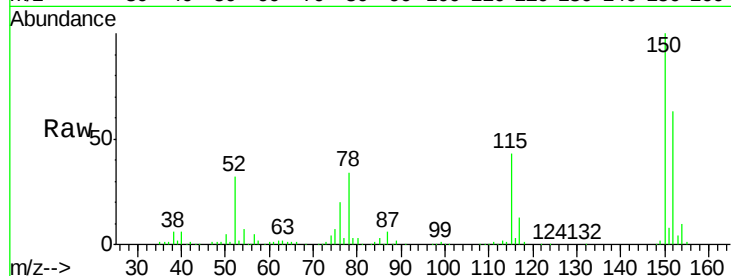
Tgt Ion:152 Resp: 158149

Ion Ratio Lower Upper

152 100

150 158.8 129.8 194.8

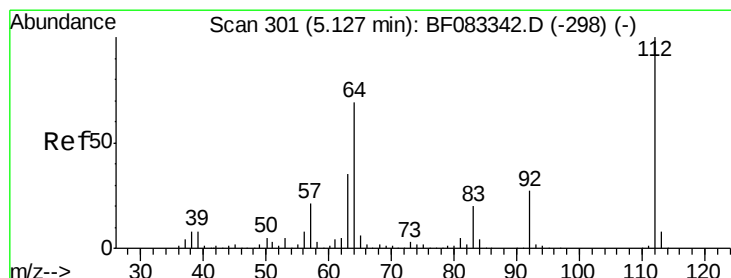
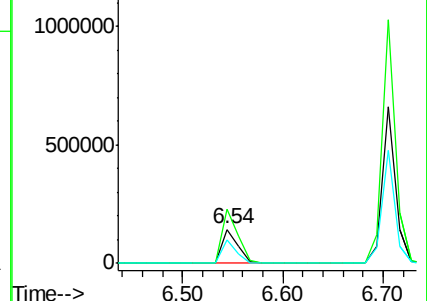
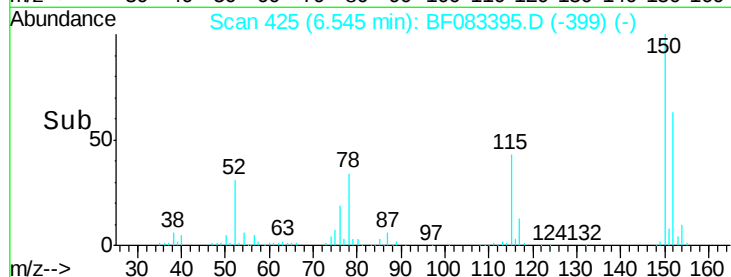
115 68.3 59.2 88.8



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: 70.18 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083395.D

Acq: 2 Dec 2015 2:33

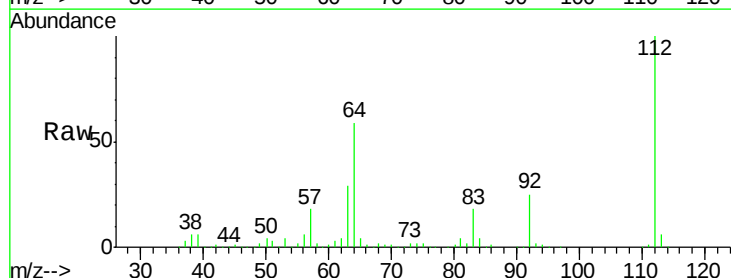
Tgt Ion:112 Resp: 739704

Ion Ratio Lower Upper

112 100

64 59.4 55.6 83.4

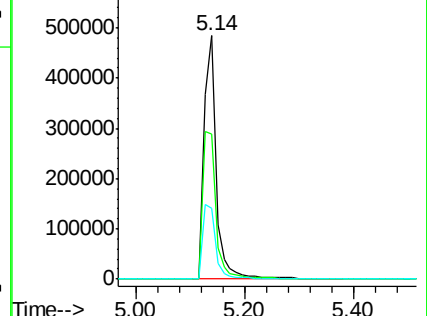
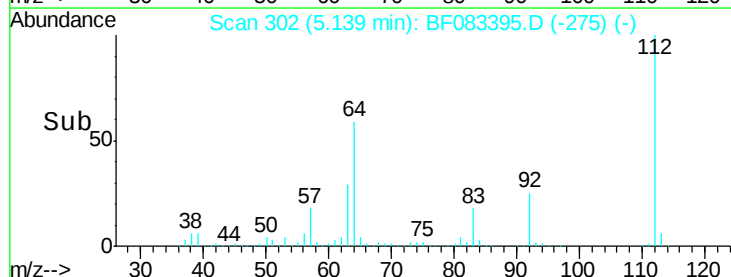
63 29.3 28.2 42.2

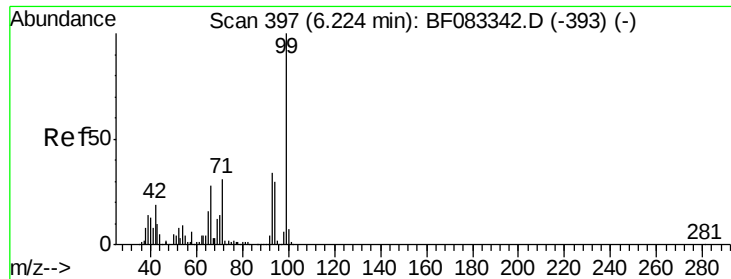


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083395.D

Acq: 2 Dec 2015 2:33

Instrument :

BNA_F

ClientSampleId :

MW-02

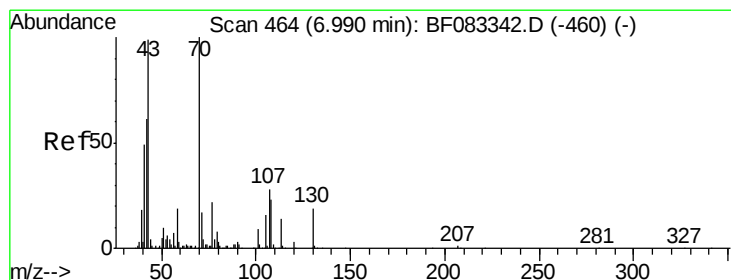
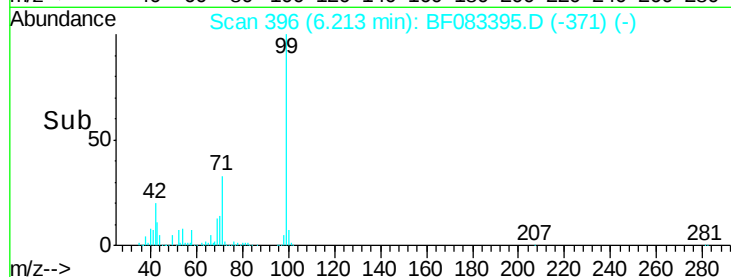
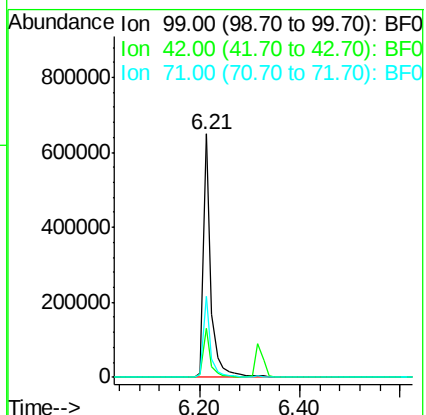
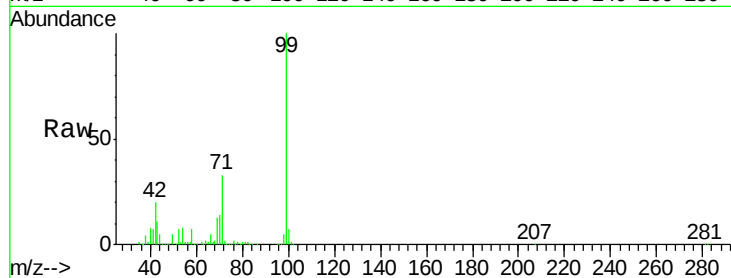
Tgt Ion: 99 Resp: 665215

Ion Ratio Lower Upper

99 100

42 20.3 14.9 22.3

71 33.1 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.40 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF083395.D

Acq: 2 Dec 2015 2:33

Tgt Ion: 70 Resp: 169145

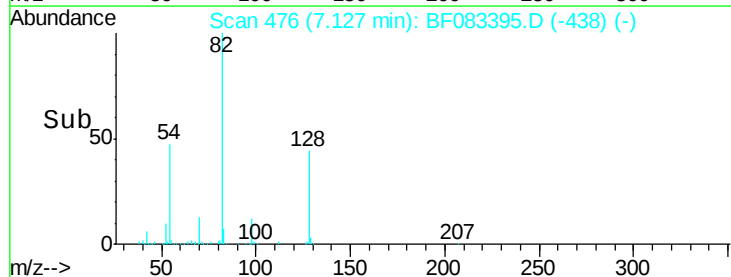
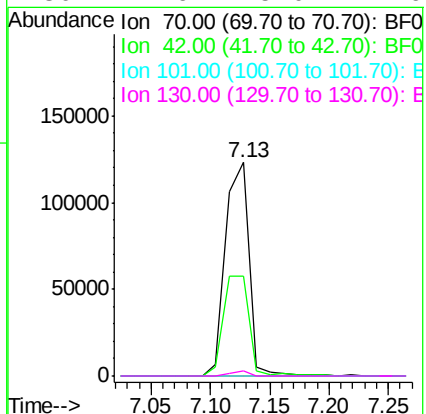
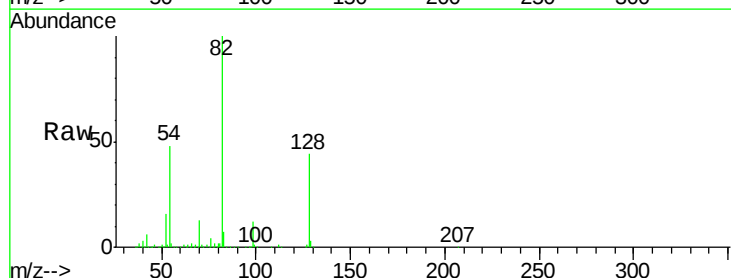
Ion Ratio Lower Upper

70 100

42 46.6 48.8 73.2#

101 0.0 7.1 10.7#

130 2.6 15.0 22.6#

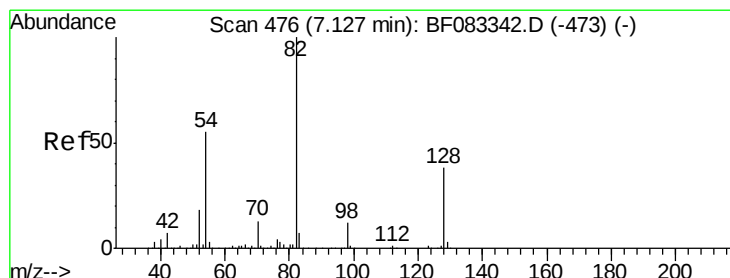
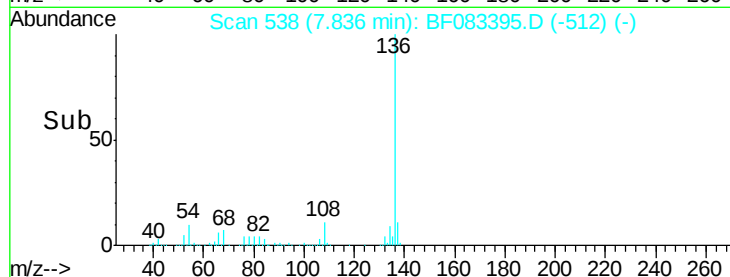
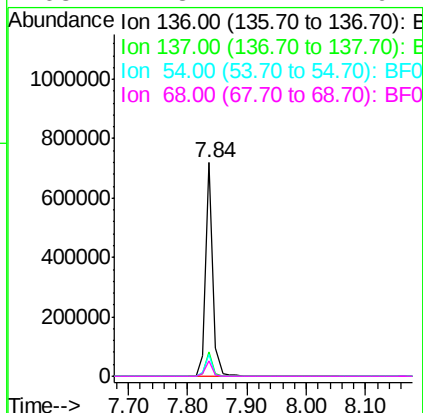
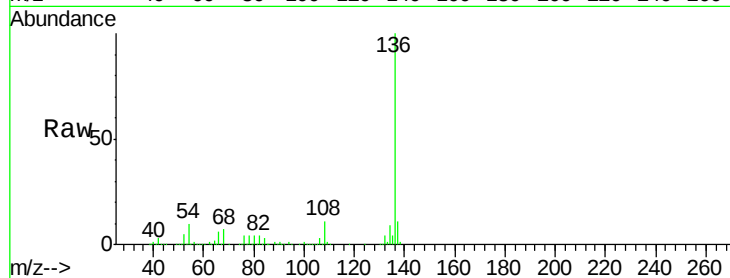




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

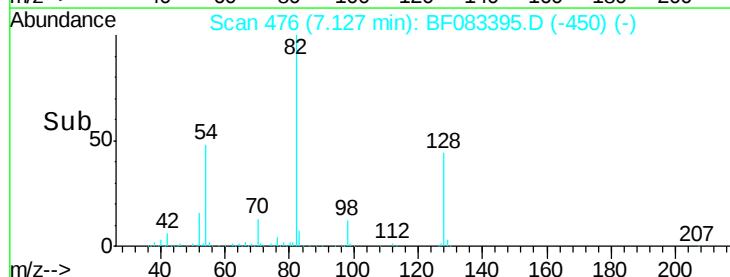
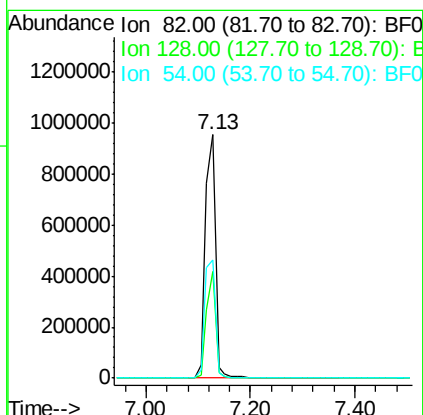
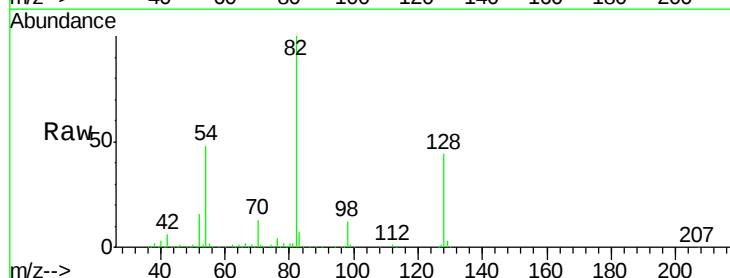
Instrument :
BNA_F
ClientSampled :
MW-02

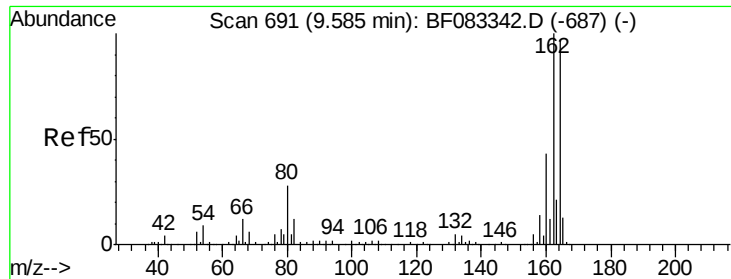
Tgt Ion:	136	Resp:	622627
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.1	10.1	15.1#
68	7.3	7.1	10.7



#23
Nitrobenzene-d5
Concen: 90.47 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

Tgt Ion:	82	Resp:	1281431
Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.6	46.0
54	48.4	43.8	65.6

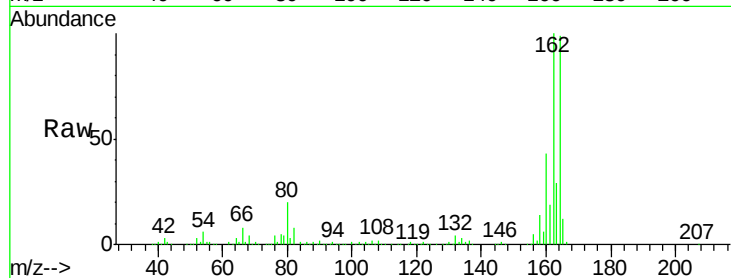




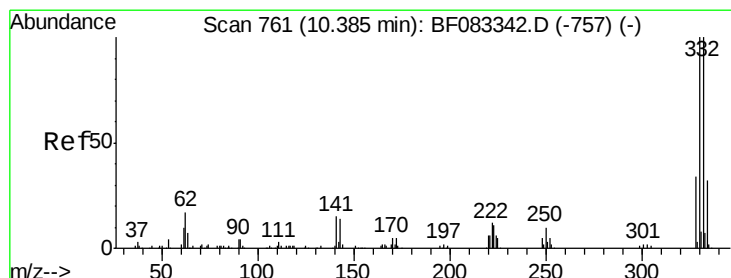
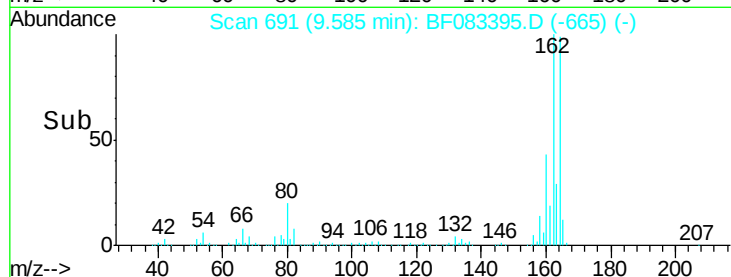
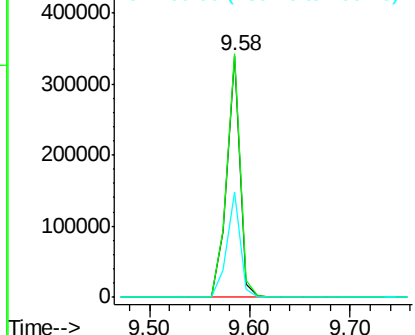
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:164 Resp: 311677
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 43.7 35.3 52.9

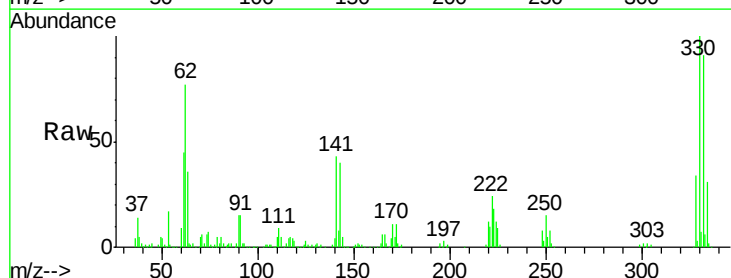


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

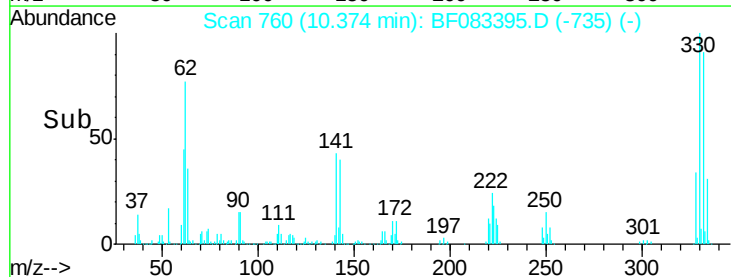
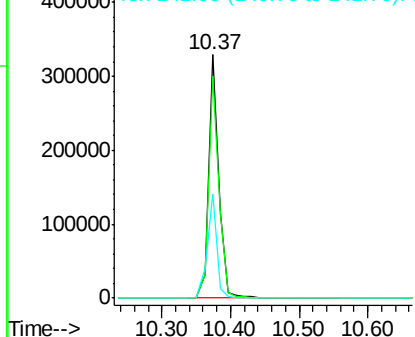


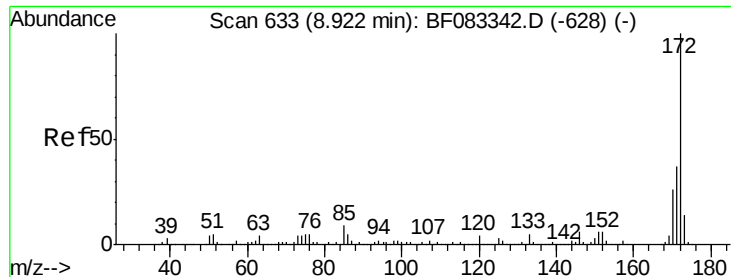
#41
2,4,6-Tribromophenol
Concen: 108.80 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

Tgt Ion:330 Resp: 340413
Ion Ratio Lower Upper
330 100
332 93.7 77.8 116.6
141 40.5 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

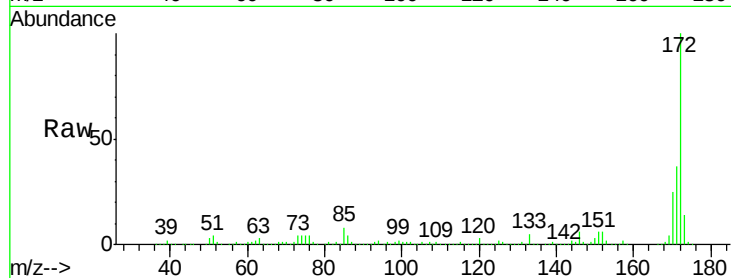




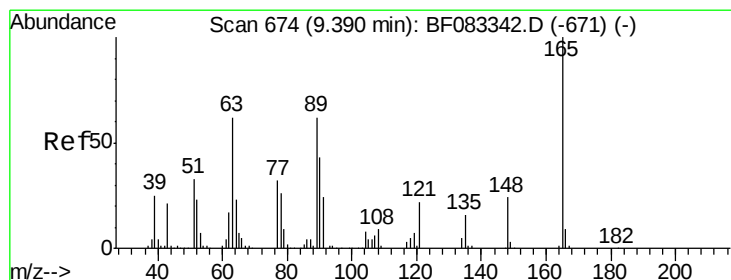
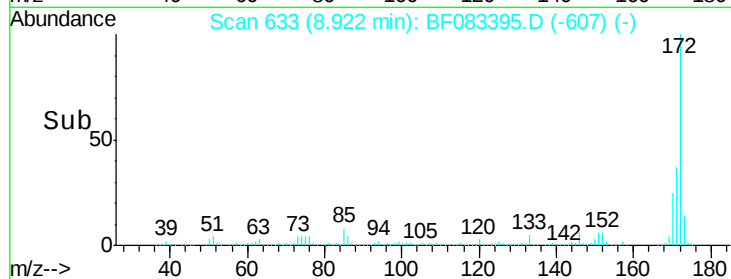
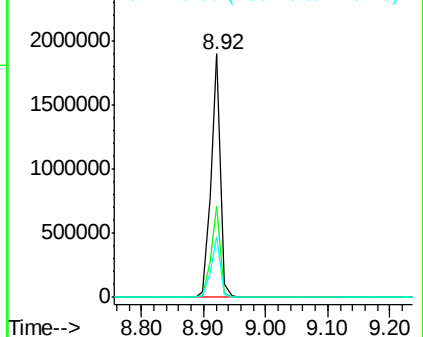
#44
 2-Fluorobiphenyl
 Concen: 89.71 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:172 Resp: 1962015
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.0 20.4 30.6

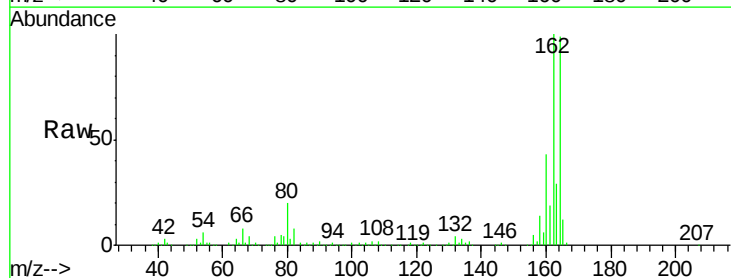


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

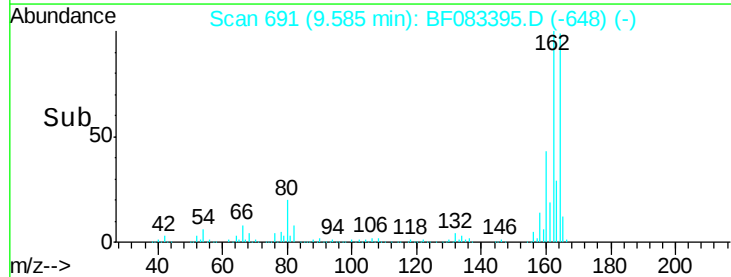
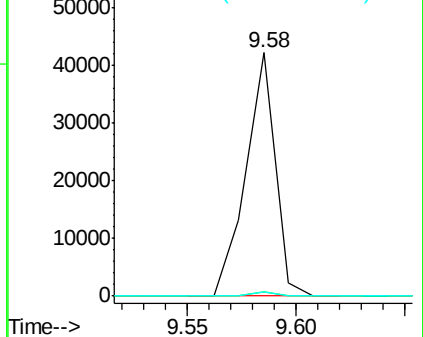


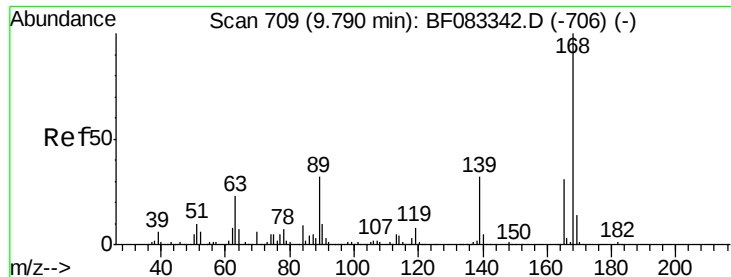
#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Tgt Ion:165 Resp: 39509
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.0 84.0#
 89 1.7 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

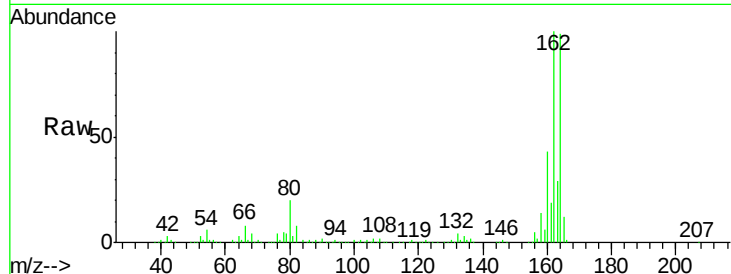




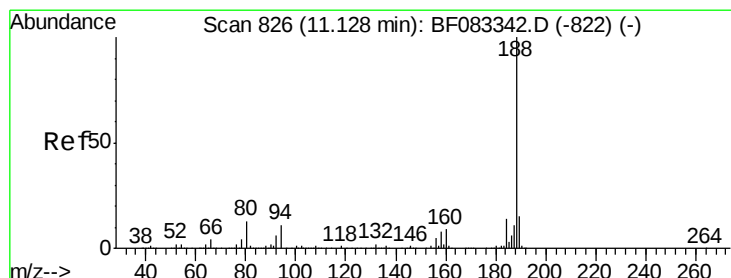
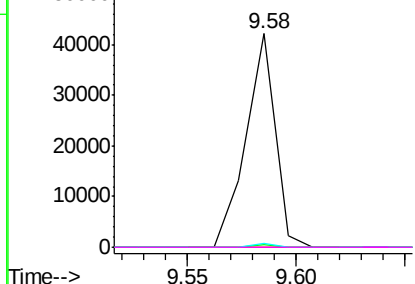
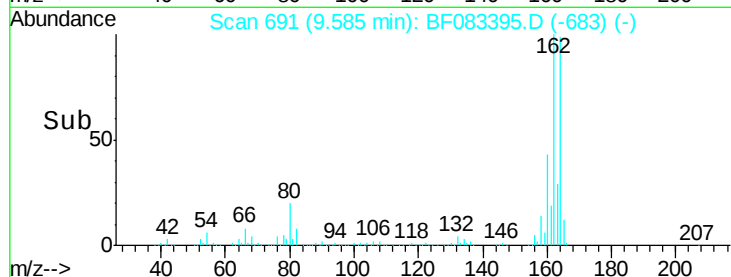
#56
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:165 Resp: 39509
Ion Ratio Lower Upper
165 100
63 1.5 65.4 98.0#
89 1.7 81.2 121.8#
182 0.0 1.8 2.8#

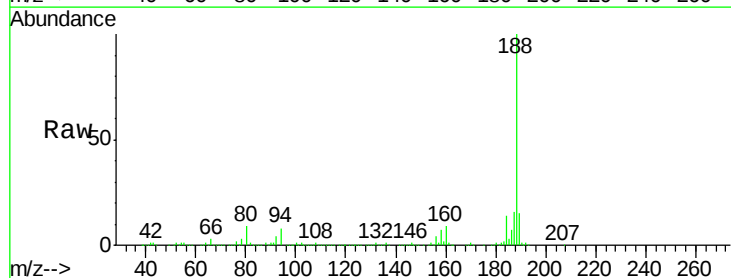


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

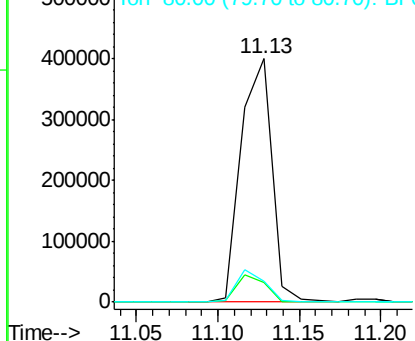
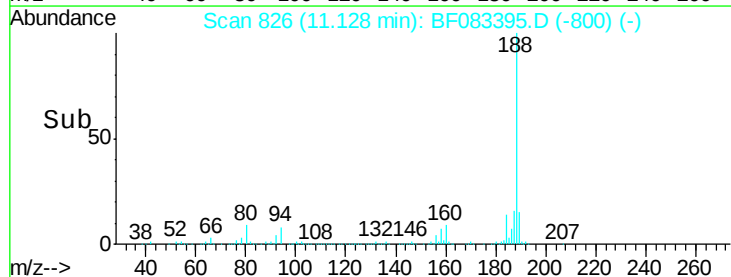


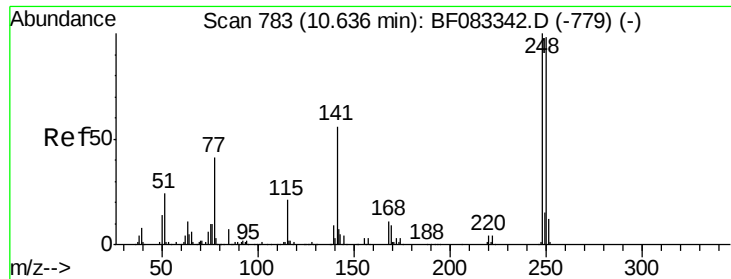
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083395.D
Acq: 2 Dec 2015 2:33

Tgt Ion:188 Resp: 522229
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.6 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

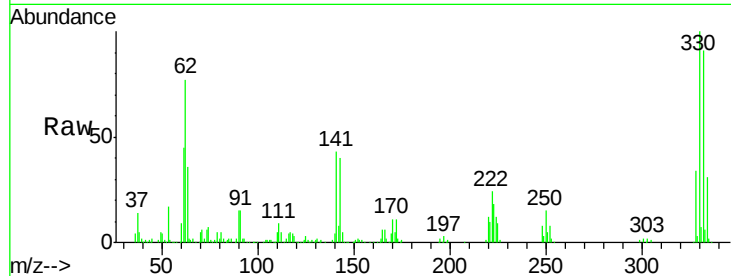




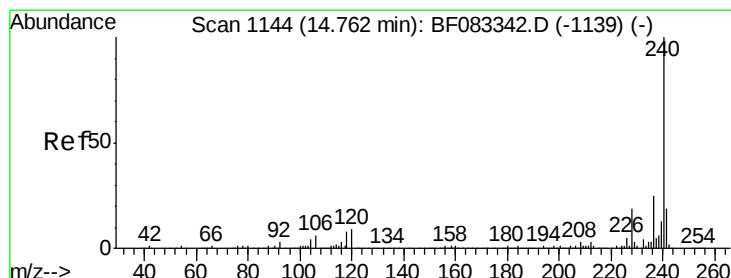
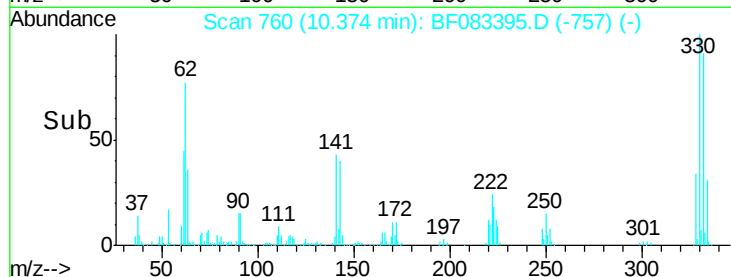
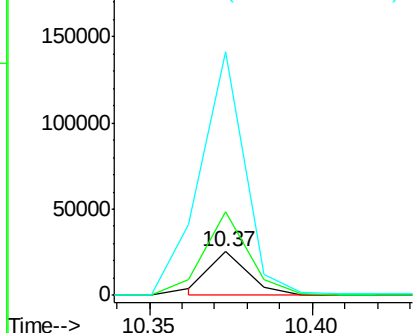
#66
 4-Bromophenyl-phenylether
 Concen: 3.63 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:248 Resp: 20759
 Ion Ratio Lower Upper
 248 100
 250 190.1 78.6 118.0#
 141 556.6 44.4 66.6#

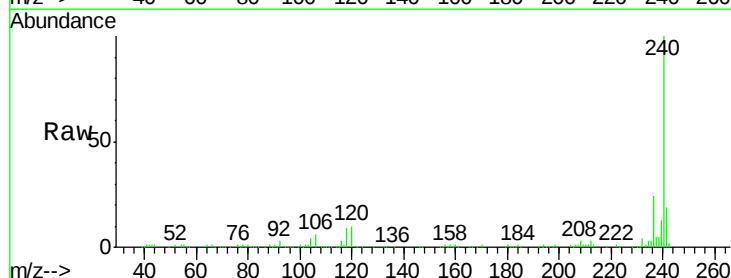


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

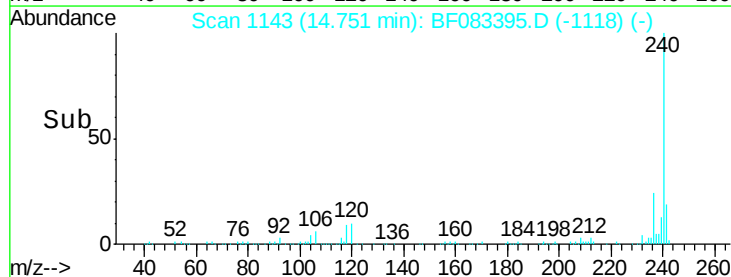
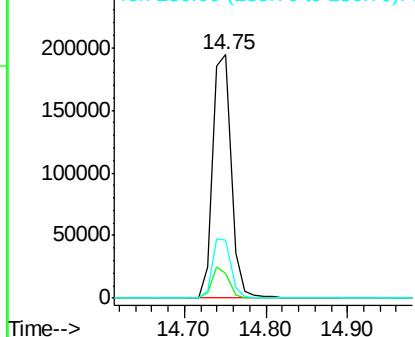


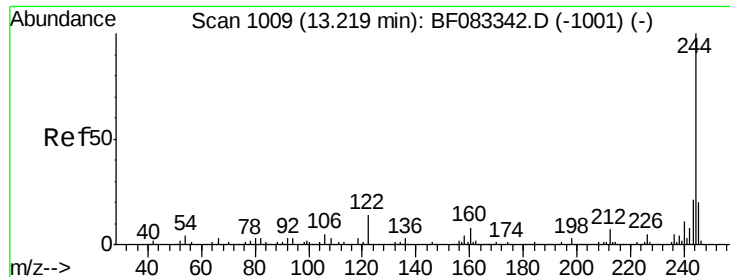
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Tgt Ion:240 Resp: 310540
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.9 10.3
 236 24.0 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

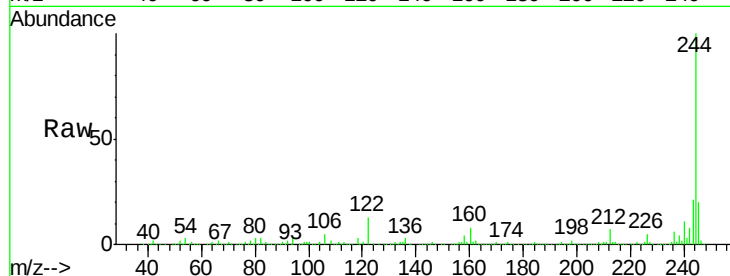




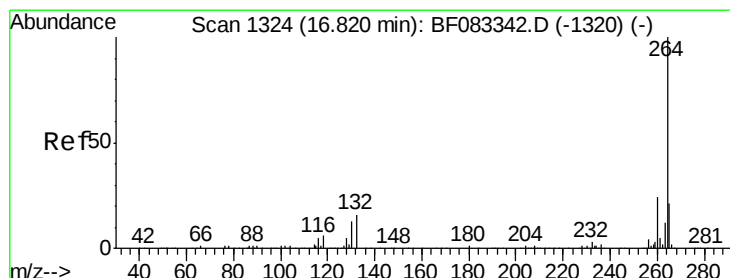
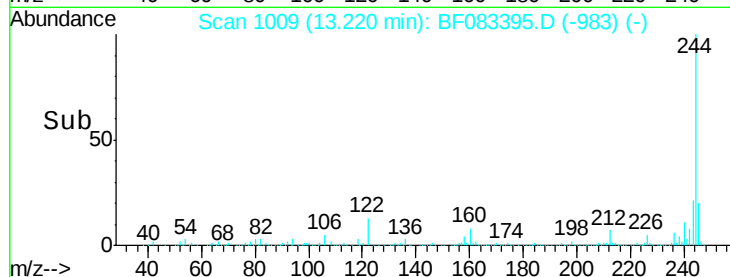
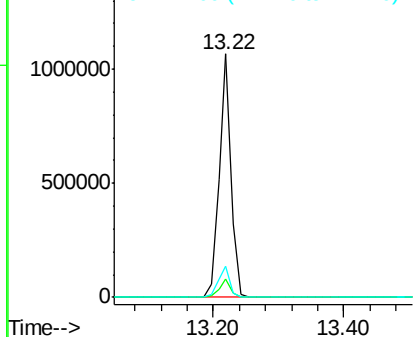
#78
 Terphenyl-d14
 Concen: 104.75 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:244 Resp: 1363983
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.8 11.0 16.4

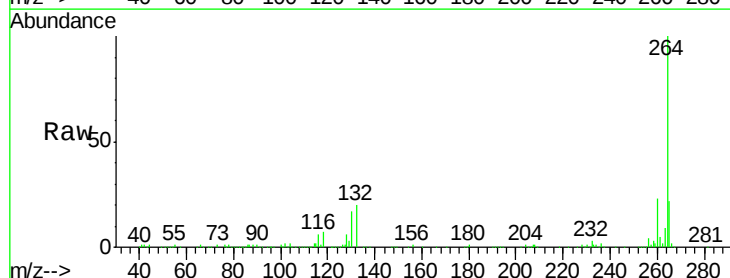


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083395.D
 Acq: 2 Dec 2015 2:33

Tgt Ion:264 Resp: 343729
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 22.1 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

