

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083392.D
 Acq On : 2 Dec 2015 1:01
 Operator : UM/IZ
 Sample : G4587-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 02 03:20:02 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

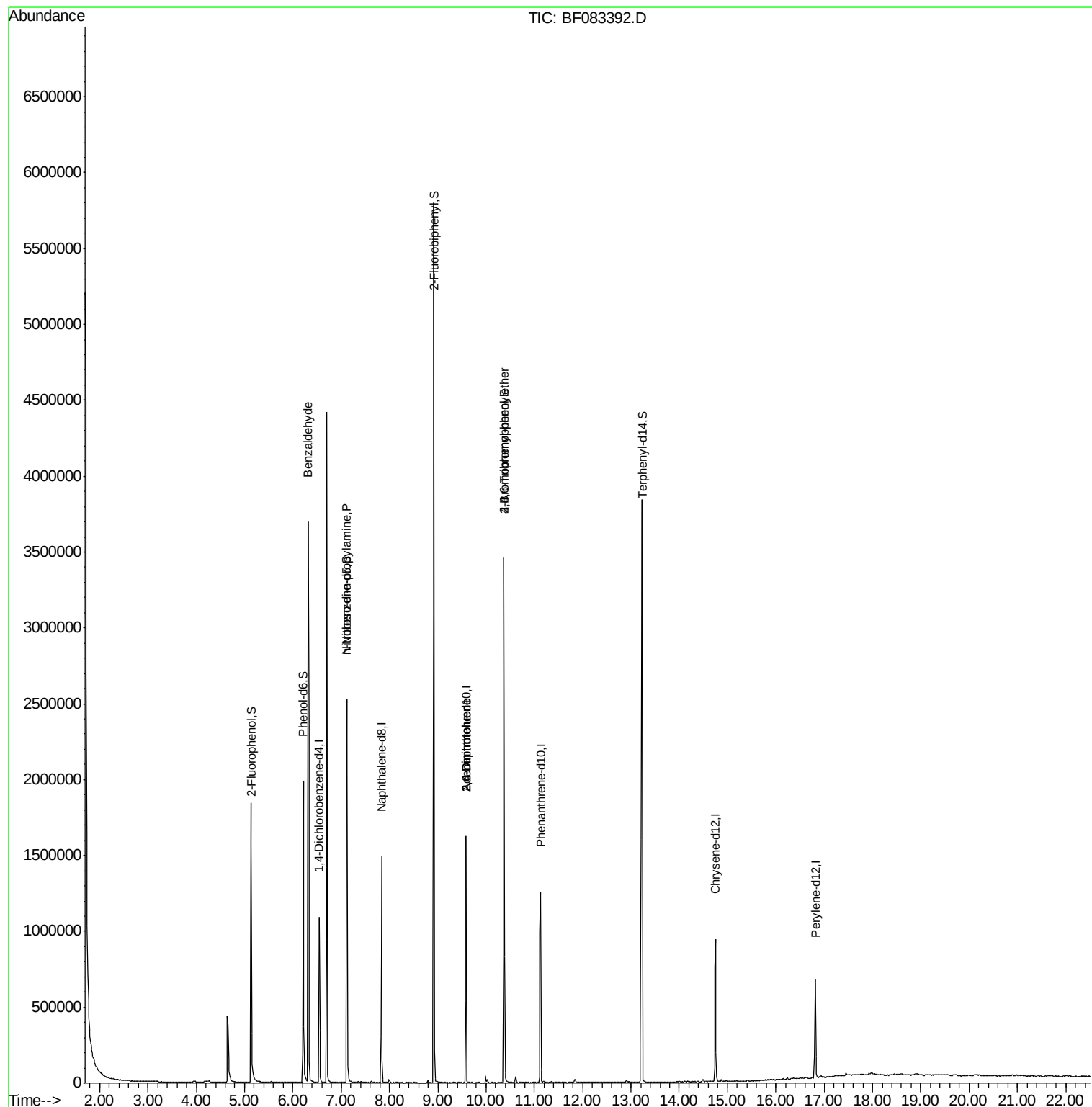
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	166447	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	642278	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	340253	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	648431	20.00	ng	0.00
75) Chrysene-d12	14.75	240	514729	20.00	ng	-0.01
86) Perylene-d12	16.82	264	417468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	764616	68.93	ng	0.01
7) Phenol-d6	6.21	99	694608	45.75	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1286458	88.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	394529	115.51	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2118616	88.73	ng	0.00
78) Terphenyl-d14	13.23	244	2143006	99.29	ng	0.01
Target Compounds						
9) Benzaldehyde	6.32	77	31279	2.45	ng	# 68
19) n-Nitroso-di-n-propylamine	7.12	70	170994	15.76	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	43574	7.38	ng	# 18
56) 2,4-Dinitrotoluene	9.58	165	43574	5.82	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	22969	3.24	ng	# 1

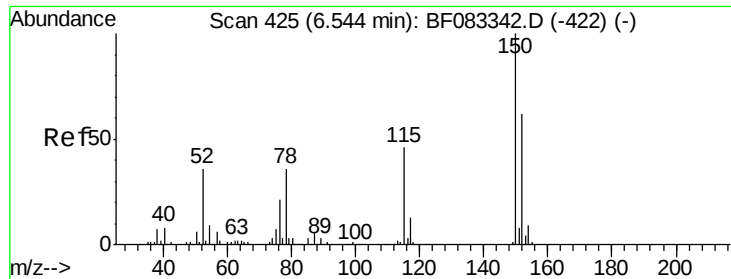
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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BNA_F
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MW-01

Quant Time: Dec 02 03:20:02 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: BF083392.D

Acq: 2 Dec 2015 1:01

Instrument :

BNA_F

ClientSampled :

MW-01

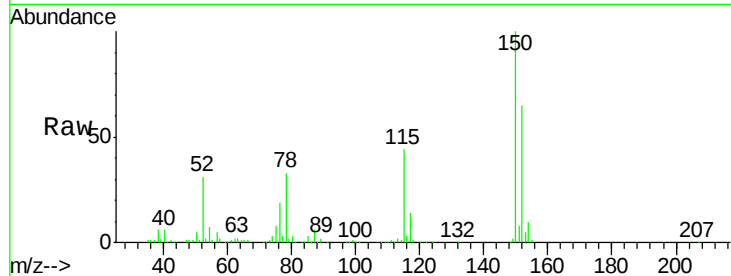
Tgt Ion:152 Resp: 166447

Ion Ratio Lower Upper

152 100

150 153.7 129.8 194.8

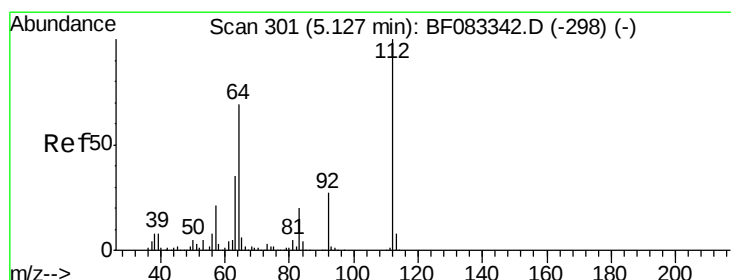
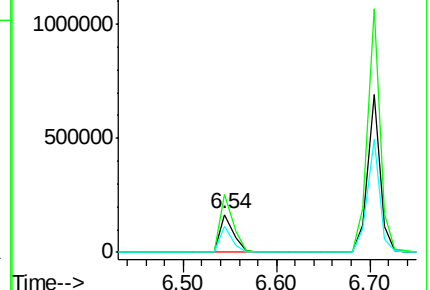
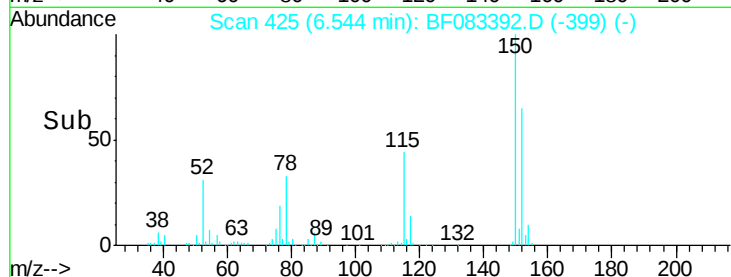
115 67.2 59.2 88.8



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: 68.93 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083392.D

Acq: 2 Dec 2015 1:01

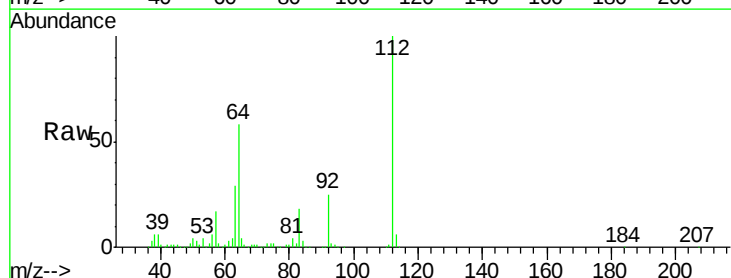
Tgt Ion:112 Resp: 764616

Ion Ratio Lower Upper

112 100

64 57.8 55.6 83.4

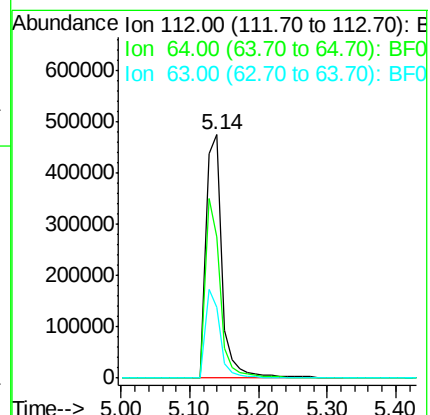
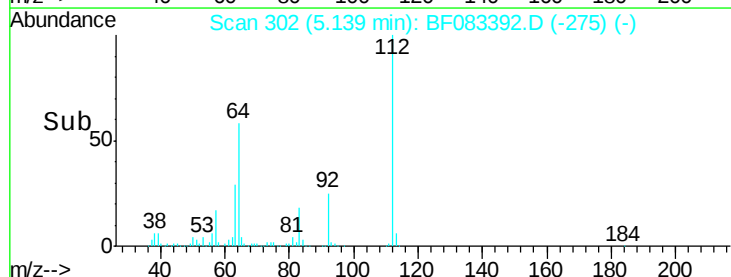
63 29.1 28.2 42.2

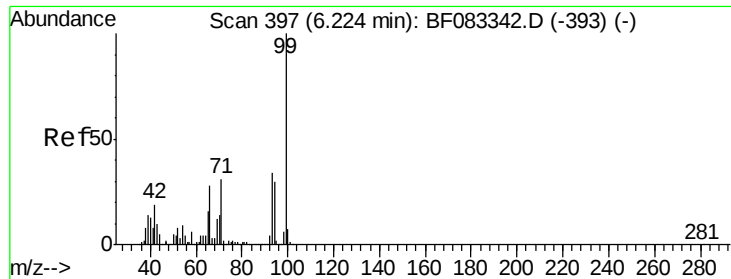


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.75 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083392.D

Acq: 2 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

MW-01

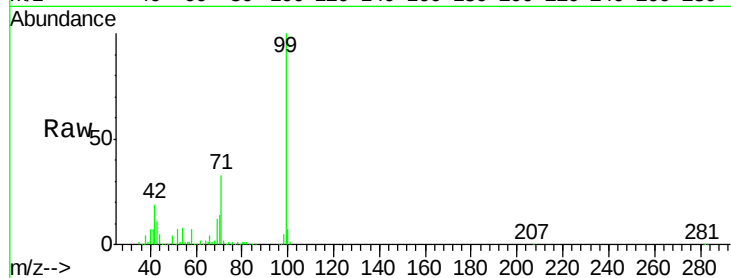
Tgt Ion: 99 Resp: 694608

Ion Ratio Lower Upper

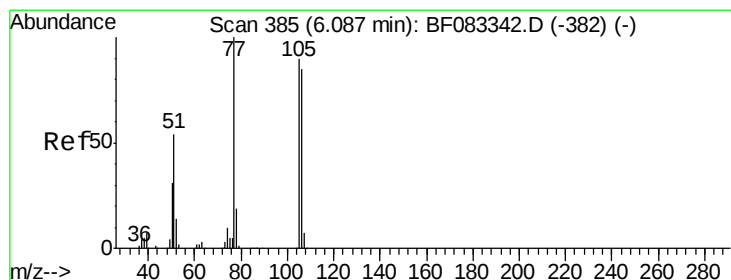
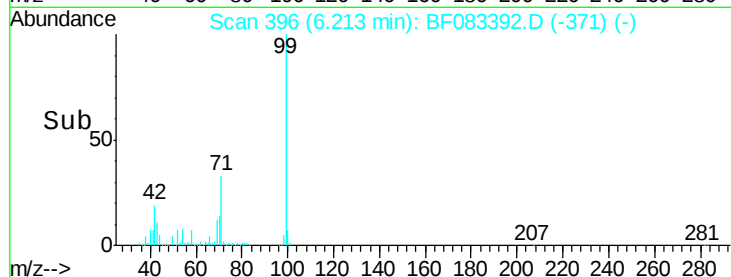
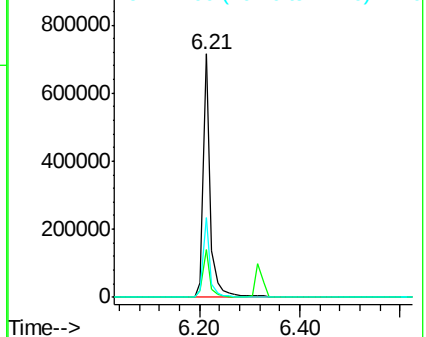
99 100

42 19.4 14.9 22.3

71 32.5 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.45 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.23 min

Lab File: BF083392.D

Acq: 2 Dec 2015 1:01

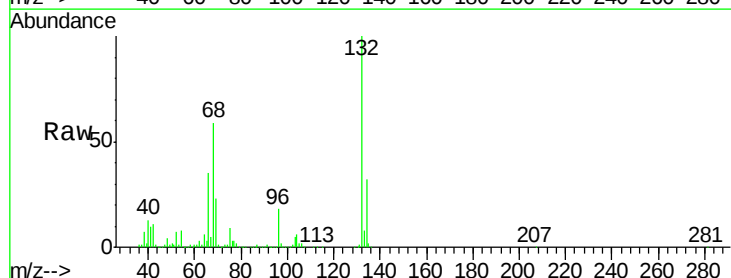
Tgt Ion: 77 Resp: 31279

Ion Ratio Lower Upper

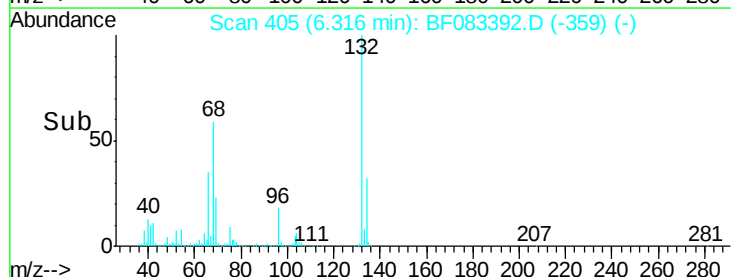
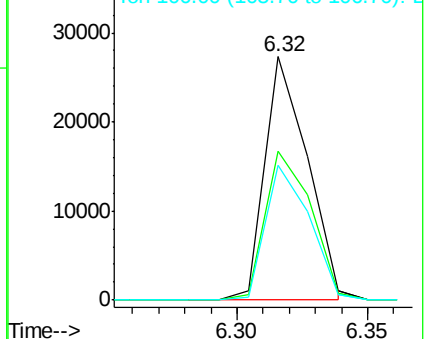
77 100

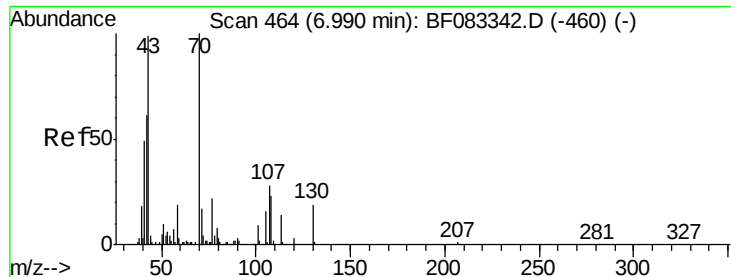
105 61.1 70.0 110.0#

106 55.5 65.0 105.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

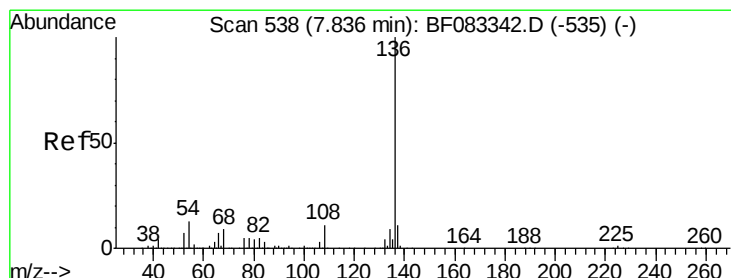
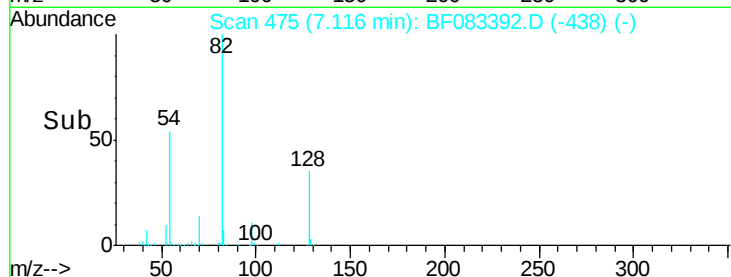
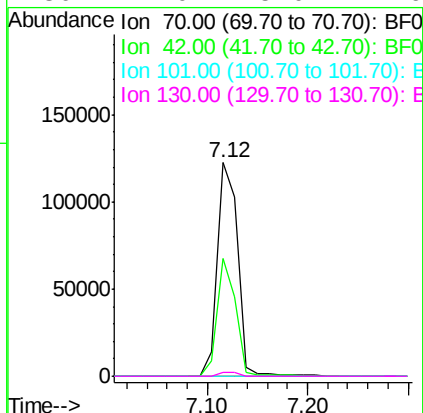
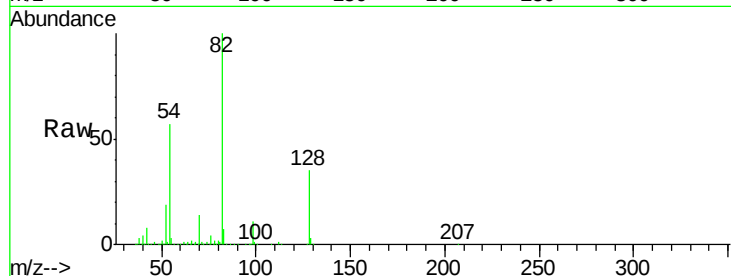




#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

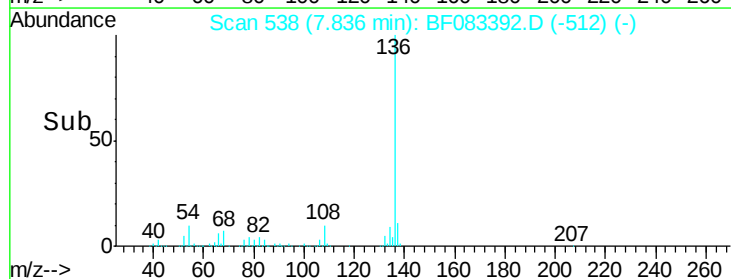
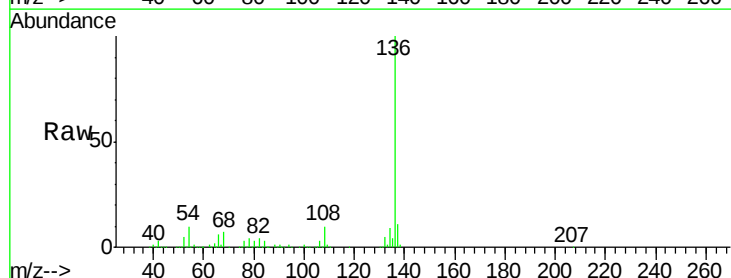
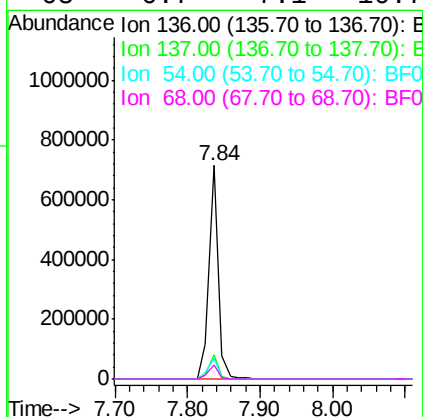
Instrument :
BNA_F
ClientSampleId :
MW-01

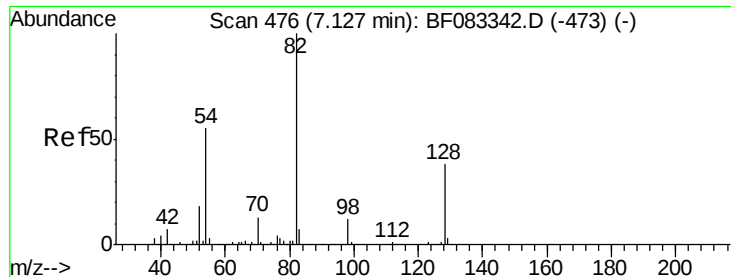
Tgt Ion: 70 Resp: 170994
Ion Ratio Lower Upper
70 100
42 55.1 48.8 73.2
101 0.0 7.1 10.7#
130 2.0 15.0 22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion: 136 Resp: 642278
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.8 10.1 15.1#
68 6.7 7.1 10.7#

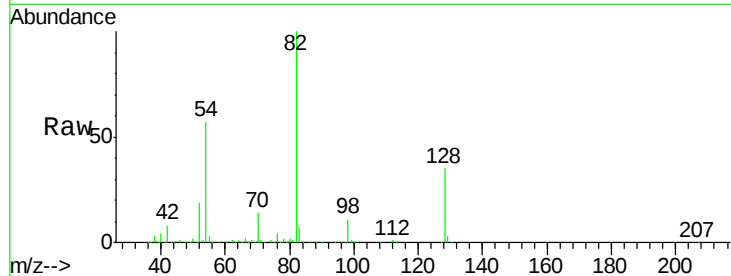




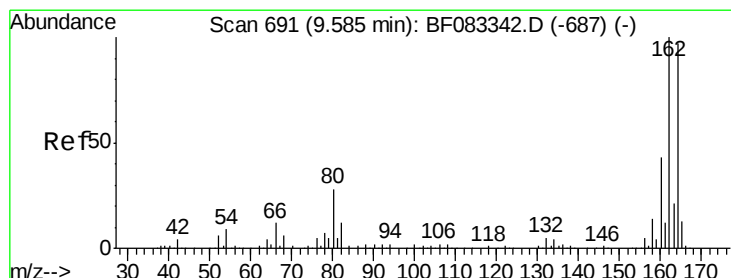
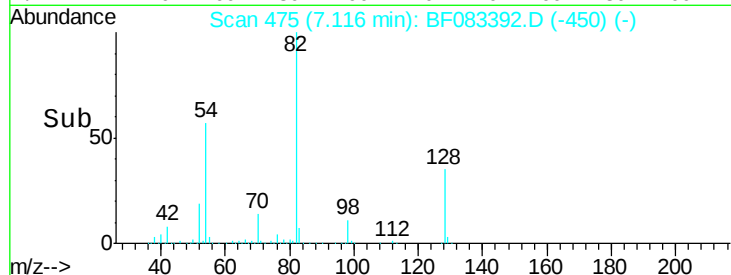
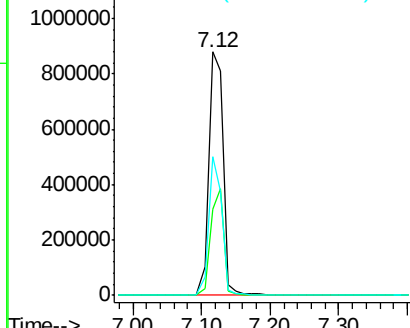
#23
 Nitrobenzene-d5
 Concen: 88.05 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083392.D
 Acq: 2 Dec 2015 1:01

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tgt Ion: 82 Resp: 1286458
 Ion Ratio Lower Upper
 82 100
 128 35.4 30.6 46.0
 54 56.7 43.8 65.6

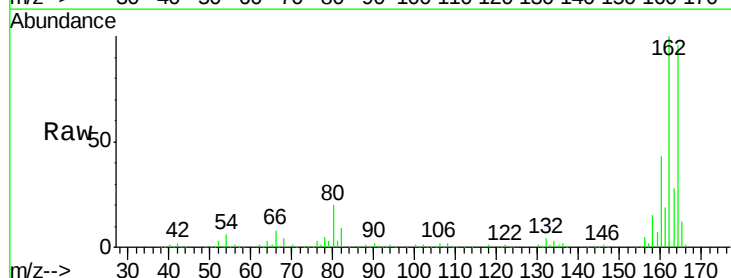


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

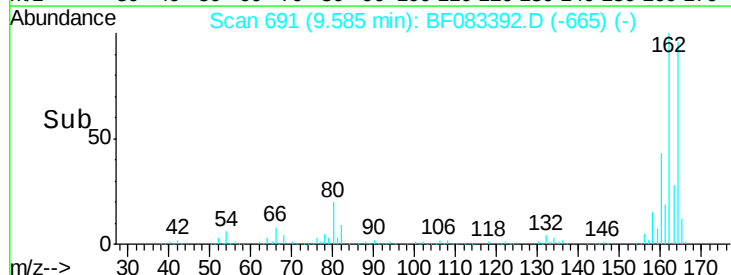
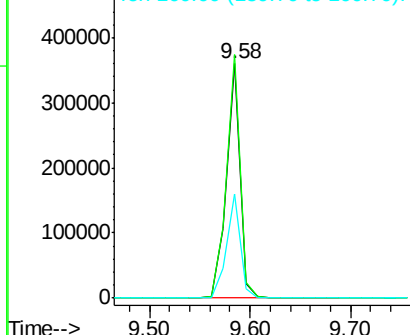


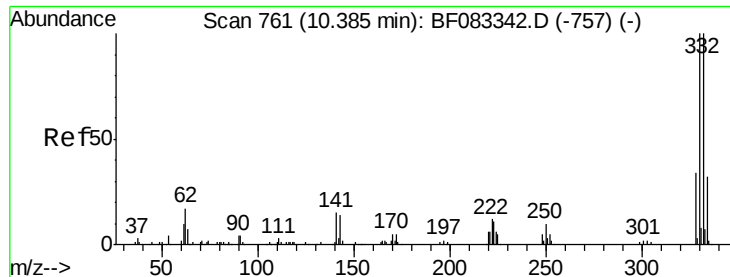
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083392.D
 Acq: 2 Dec 2015 1:01

Tgt Ion: 164 Resp: 340253
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 44.4 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

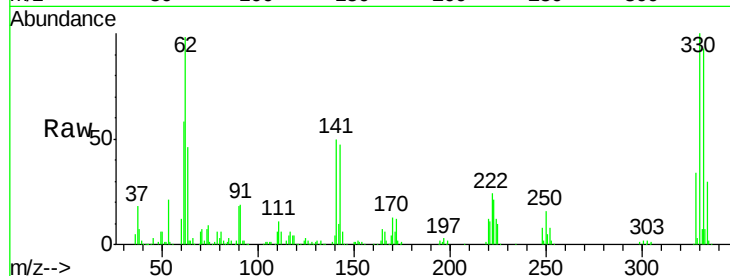




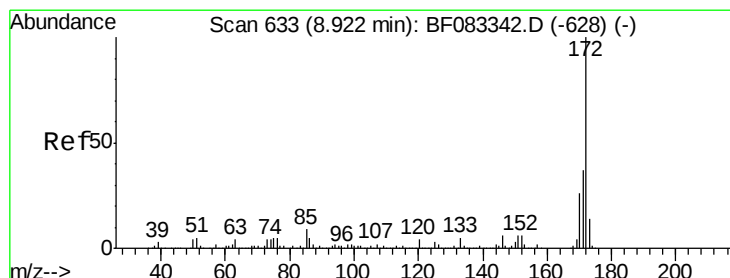
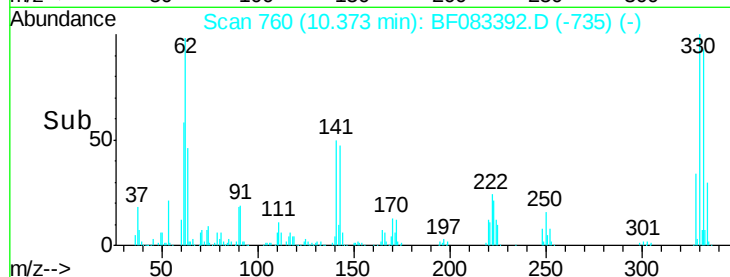
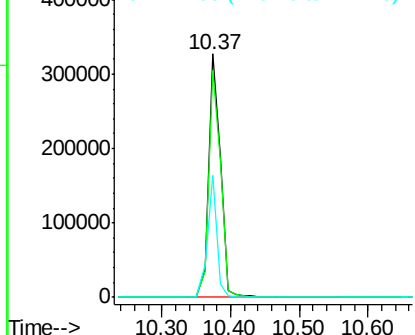
#41
 2,4,6-Tribromophenol
 Concen: 115.51 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083392.D
 Acq: 2 Dec 2015 1:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 394529
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.8 116.6
 141 40.1 29.4 44.0

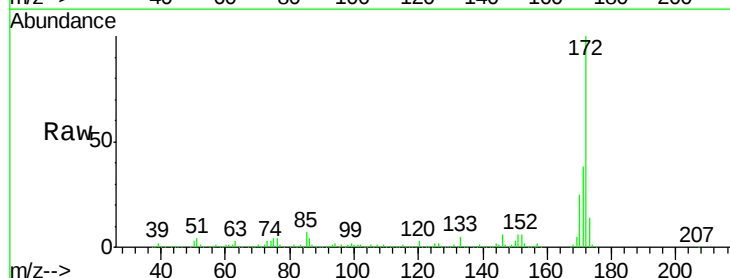


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

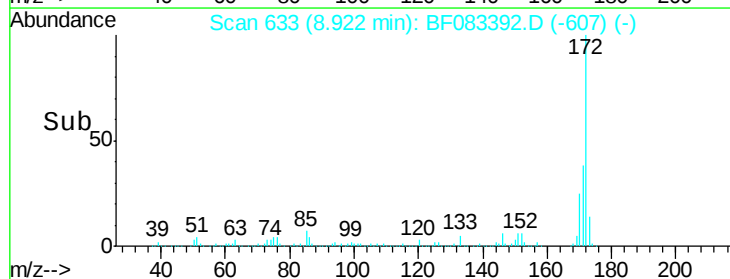
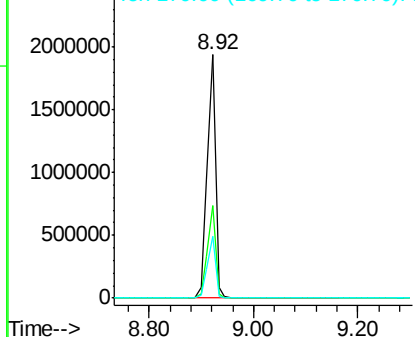


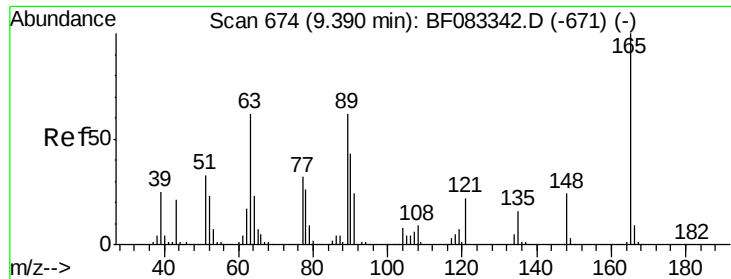
#44
 2-Fluorobiphenyl
 Concen: 88.73 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083392.D
 Acq: 2 Dec 2015 1:01

Tgt Ion:172 Resp: 2118616
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.4 44.0
 170 25.3 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

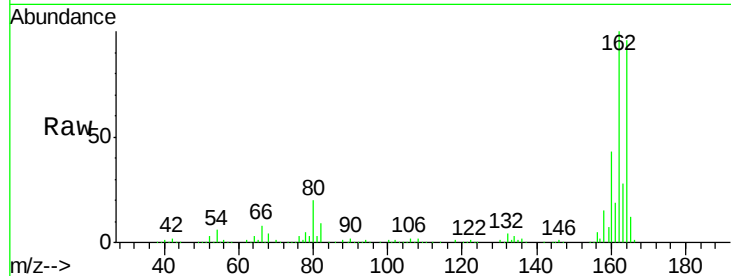




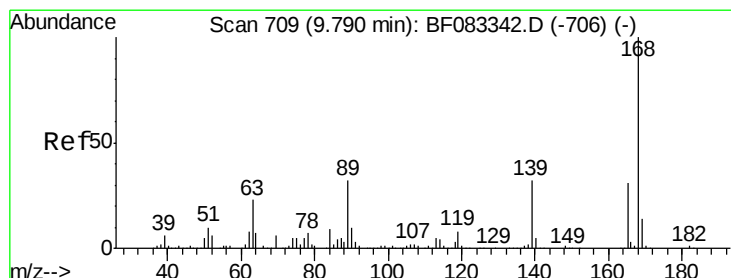
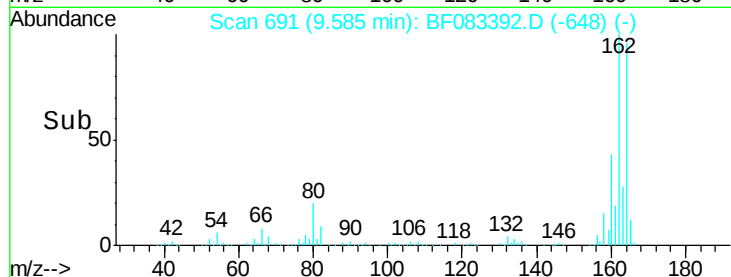
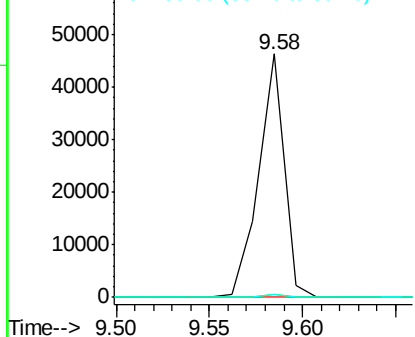
#50
2,6-Dinitrotoluene
Concen: 7.38 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.19 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
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MW-01

Tgt Ion:165 Resp: 43574
Ion Ratio Lower Upper
165 100
63 1.1 56.0 84.0#
89 1.4 49.8 74.8#

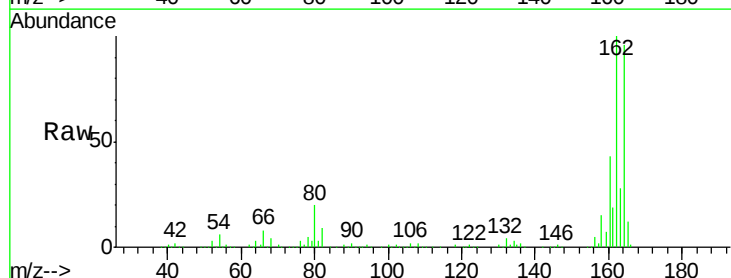


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

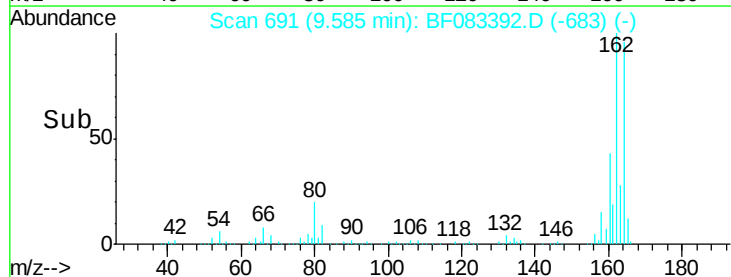
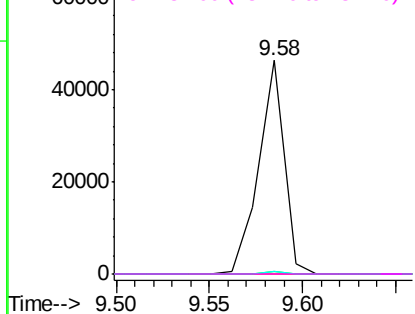


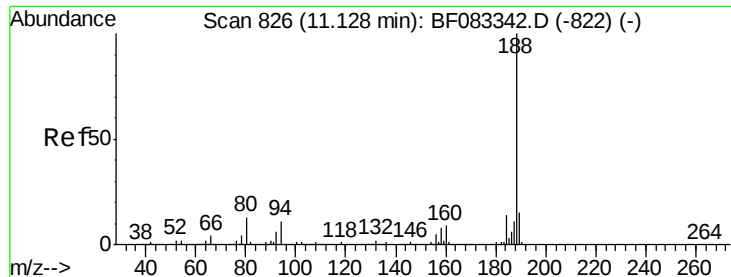
#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:165 Resp: 43574
Ion Ratio Lower Upper
165 100
63 1.1 65.4 98.0#
89 1.4 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

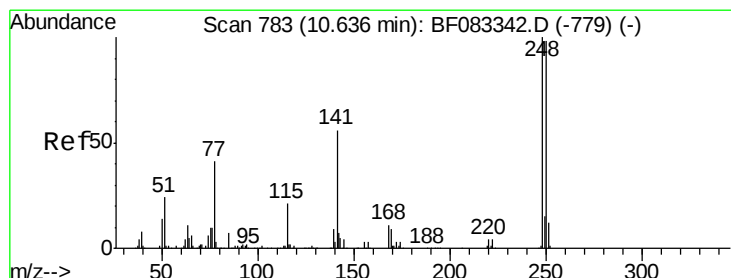
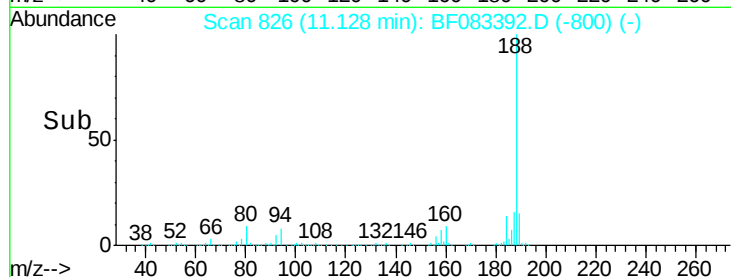
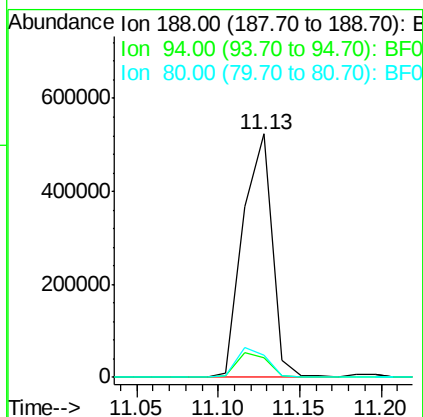
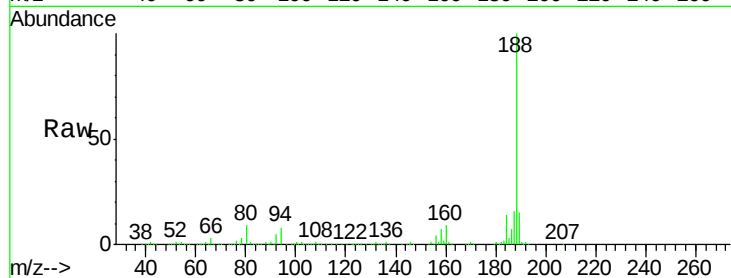




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

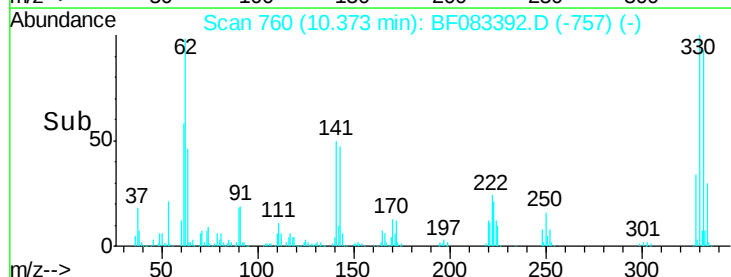
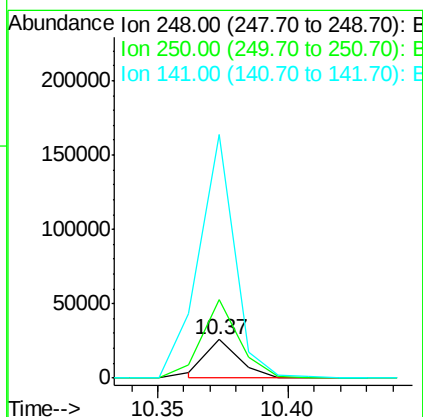
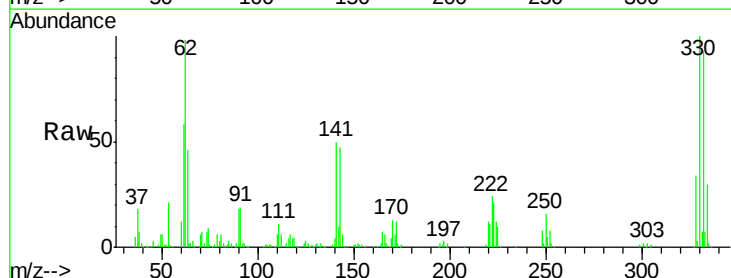
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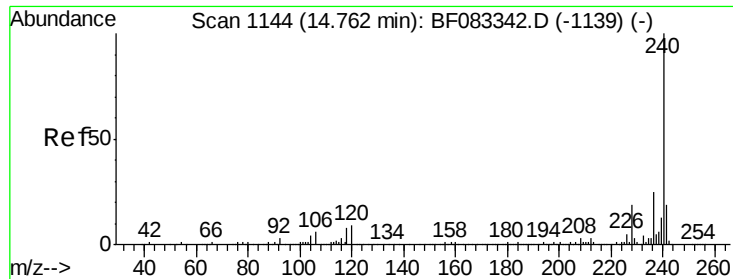
Tgt Ion:188 Resp: 648431
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 9.0 10.3 15.5#



#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:248 Resp: 22969
Ion Ratio Lower Upper
248 100
250 201.5 78.6 118.0#
141 628.9 44.4 66.6#

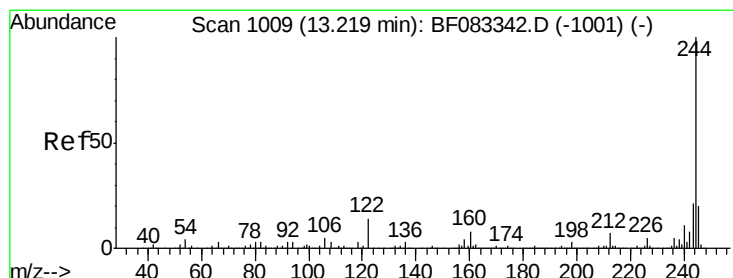
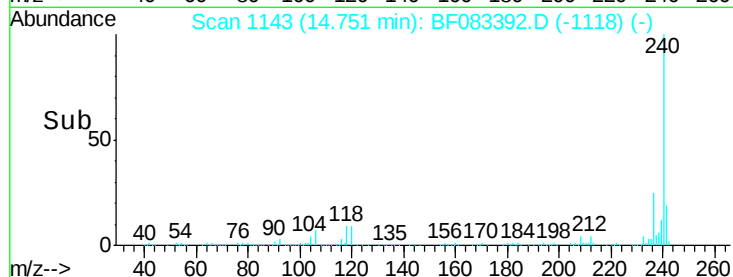
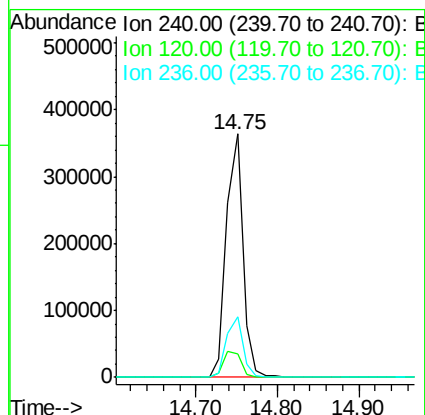
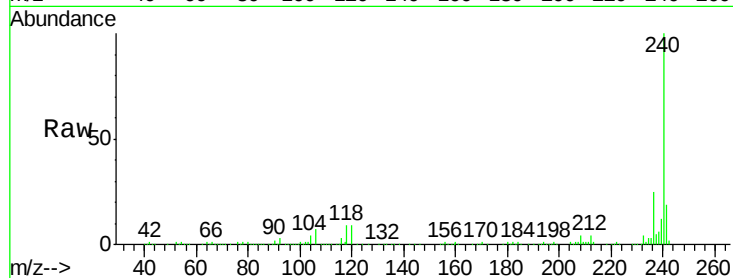




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

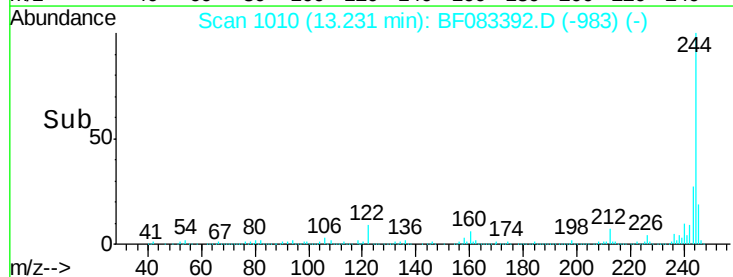
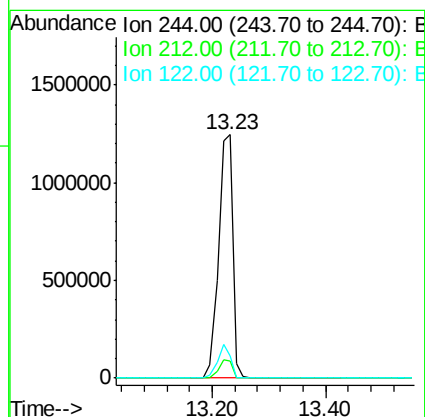
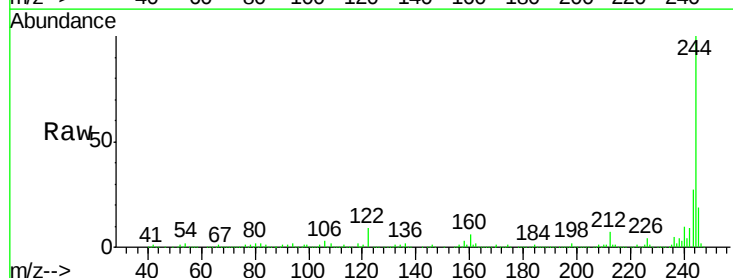
Instrument :
BNA_F
ClientSampleId :
MW-01

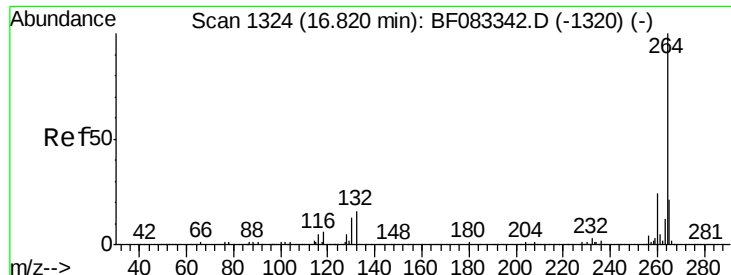
Tgt Ion:240 Resp: 514729
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 25.0 19.8 29.6



#78
Terphenyl-d14
Concen: 99.29 ng
RT: 13.23 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:244 Resp: 2143006
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 8.9 11.0 16.4#

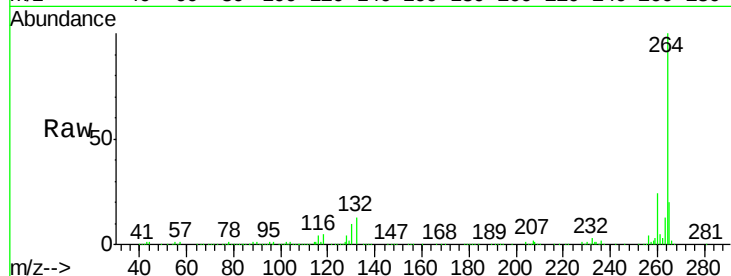




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 417468
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.5 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

