

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083269.D
 Acq On : 25 Nov 2015 13:00
 Operator : UM/IZ
 Sample : G4534-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-71

Quant Time: Nov 26 01:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

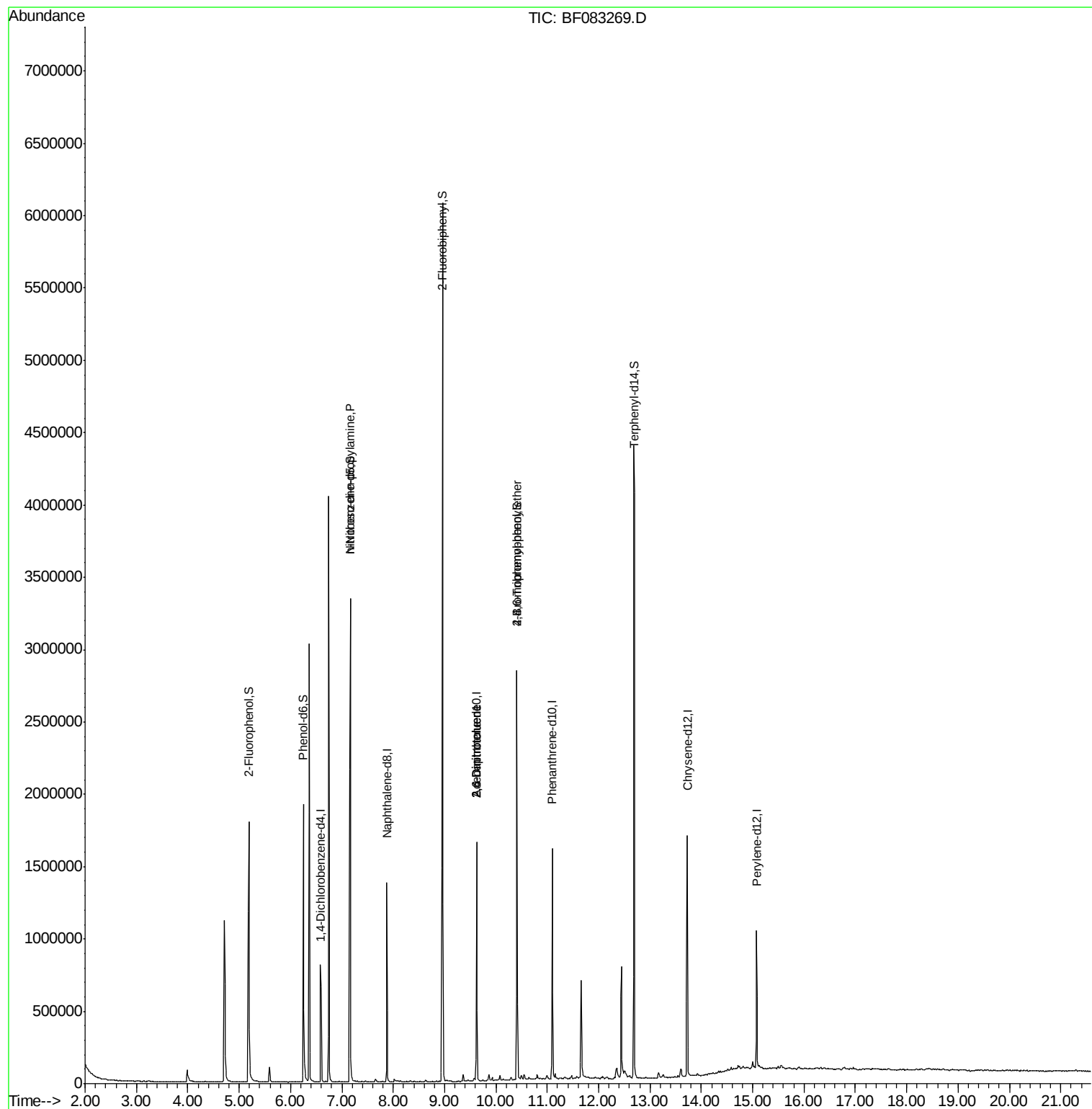
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	165745	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	635676	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	335280	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	615966	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	586406	20.00	ng	-0.08
86) Perylene-d12	15.07	264	439534	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	673739	61.46	ng	-0.09
7) Phenol-d6	6.25	99	665589	46.92	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1419070	102.01	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	283837	82.75	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1966091	81.77	ng	-0.07
78) Terphenyl-d14	12.70	244	2069251	83.10	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	193366	19.59	ng	# 75
50) 2,6-Dinitrotoluene	9.62	165	43665	7.54	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	43666	5.95	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	21297	3.12	ng	# 1

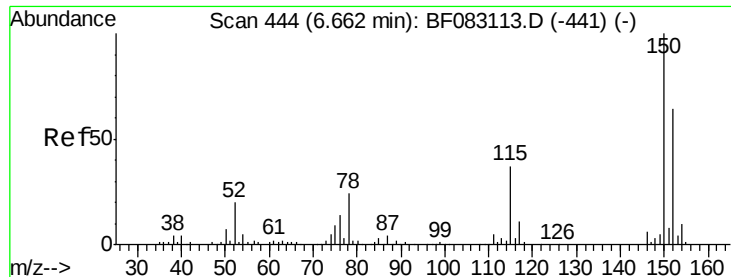
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 01:08:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

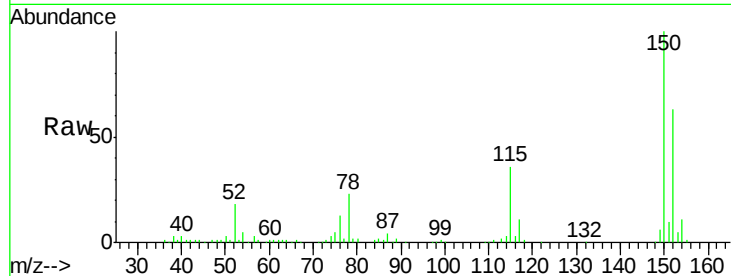




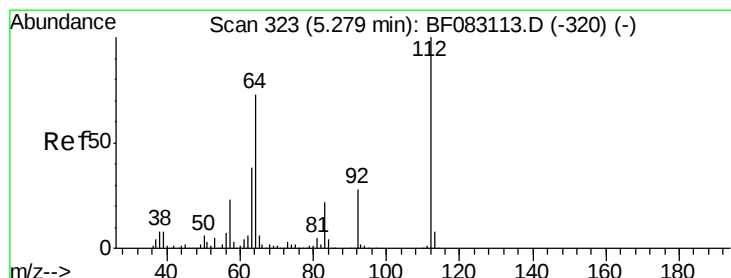
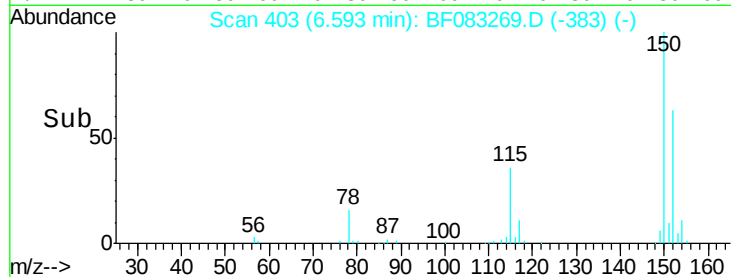
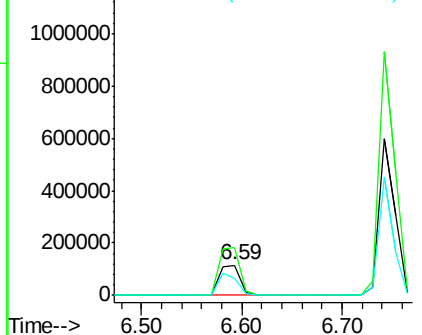
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-71

Tgt Ion:152 Resp: 165745
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.8
 115 57.2 46.9 70.3

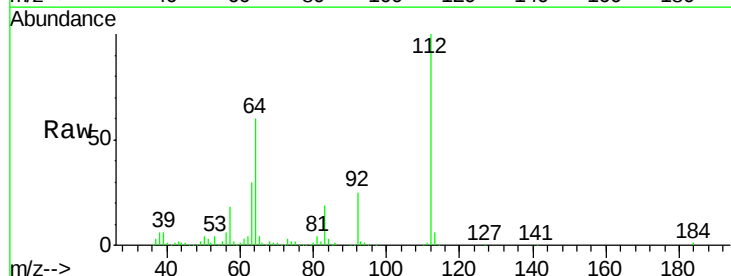


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

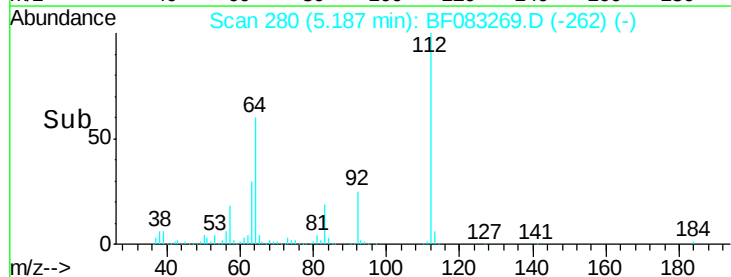
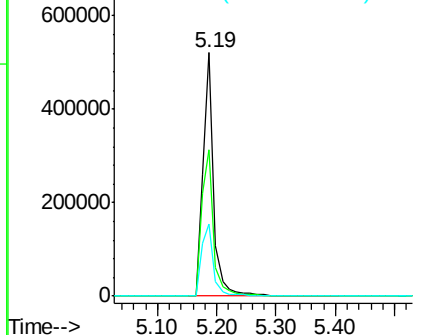


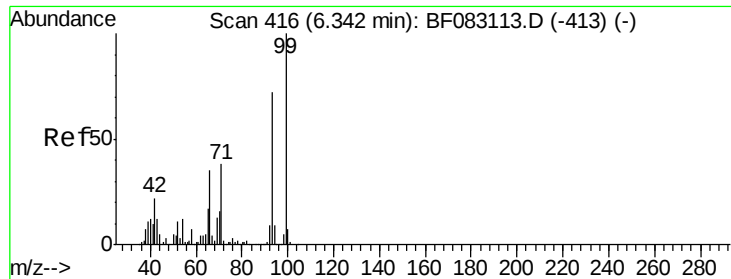
#5
 2-Fluorophenol
 Concen: 61.46 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

Tgt Ion:112 Resp: 673739
 Ion Ratio Lower Upper
 112 100
 64 59.9 58.4 87.6
 63 29.8 30.0 45.0#



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: 46.92 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

Instrument :

BNA_F

ClientSampled :

MW-71

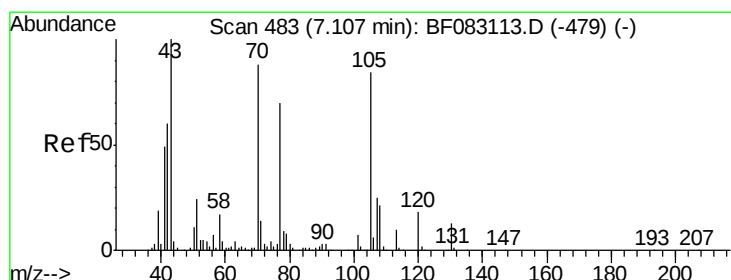
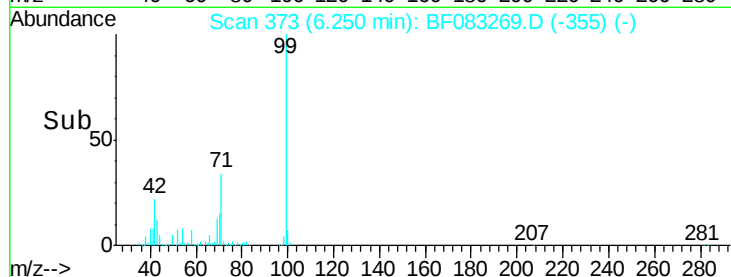
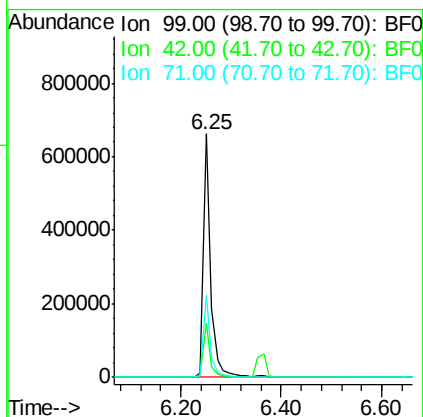
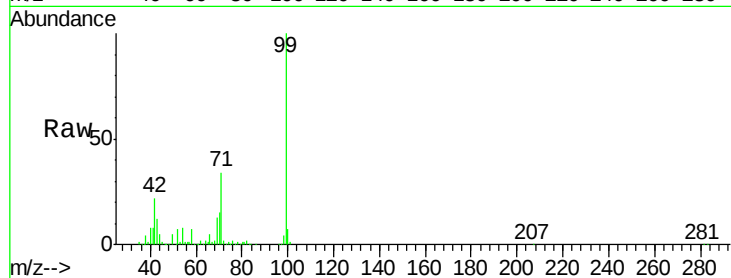
Tgt Ion: 99 Resp: 665589

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

71 34.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.59 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

Tgt Ion: 70 Resp: 193366

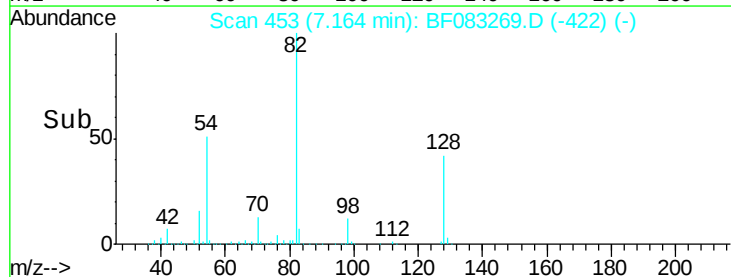
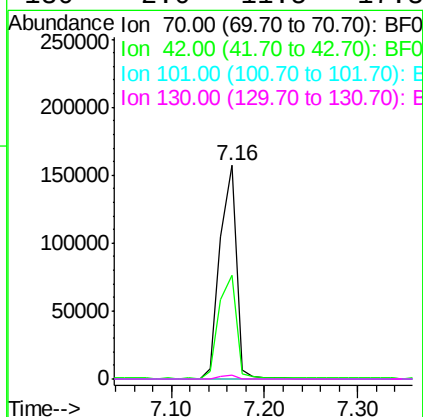
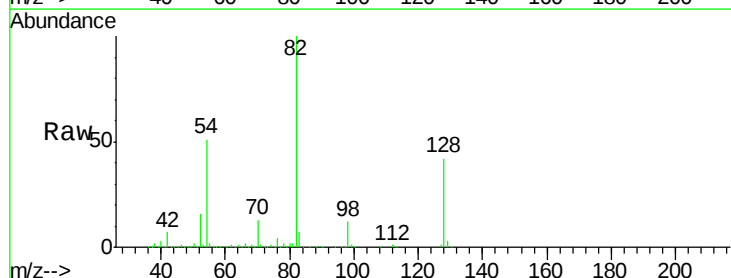
Ion Ratio Lower Upper

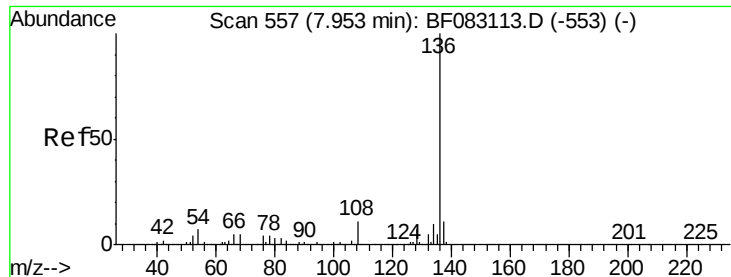
70 100

42 48.7 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

Instrument :

BNA_F

ClientSampleId :

MW-71

Tgt Ion:136 Resp: 635676

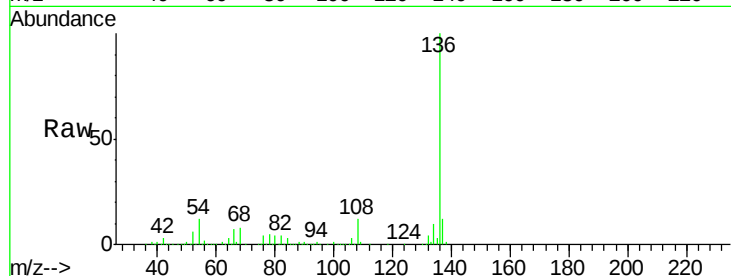
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 12.2 5.8 8.6#

68 8.4 3.8 5.8#

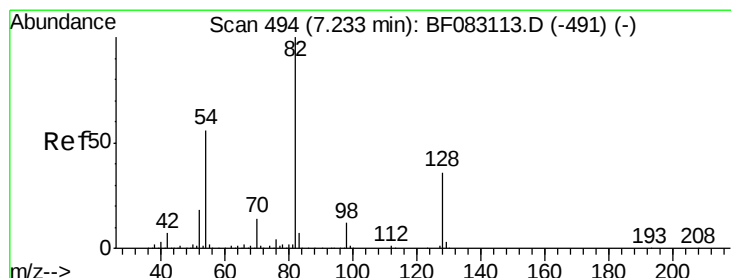
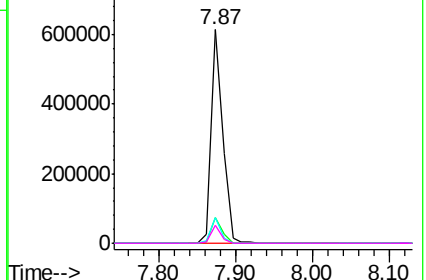
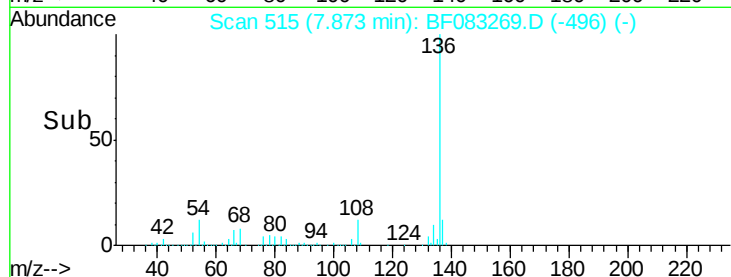


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.01 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

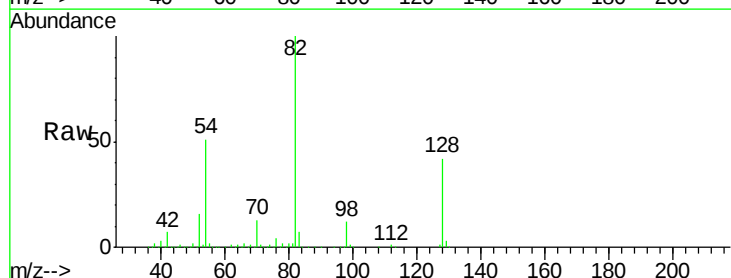
Tgt Ion: 82 Resp: 1419070

Ion Ratio Lower Upper

82 100

128 41.6 28.5 42.7

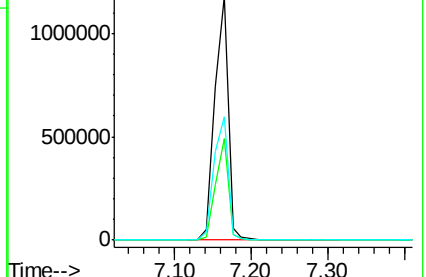
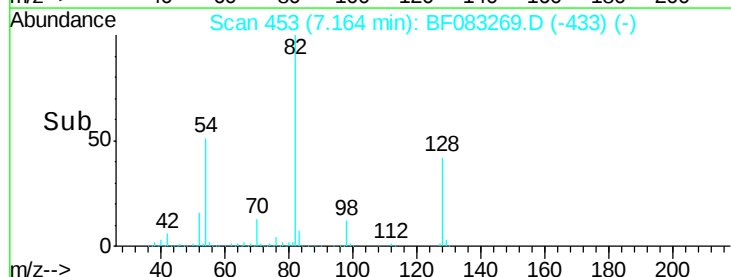
54 50.6 44.6 67.0

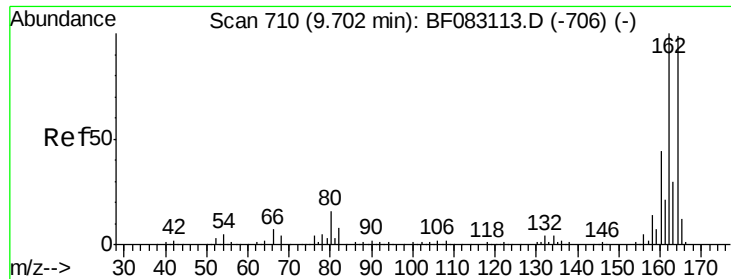


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

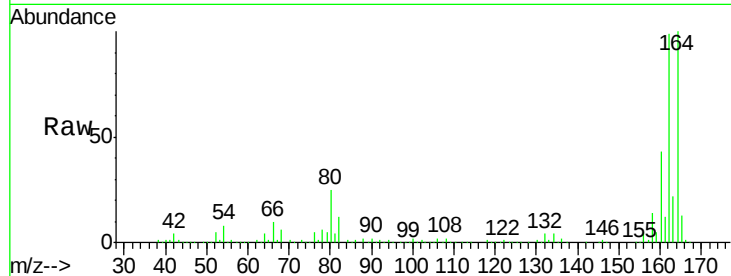




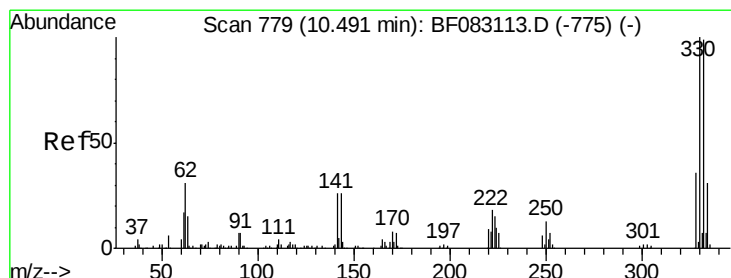
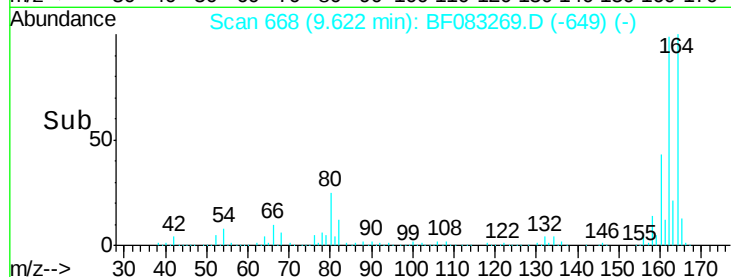
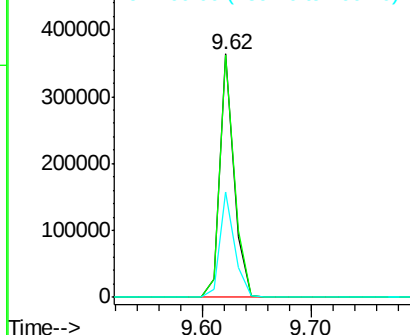
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083269.D
Acq: 25 Nov 2015 13:00

Instrument :
BNA_F
ClientSampleId :
MW-71

Tgt Ion:164 Resp: 335280
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 43.1 35.6 53.4

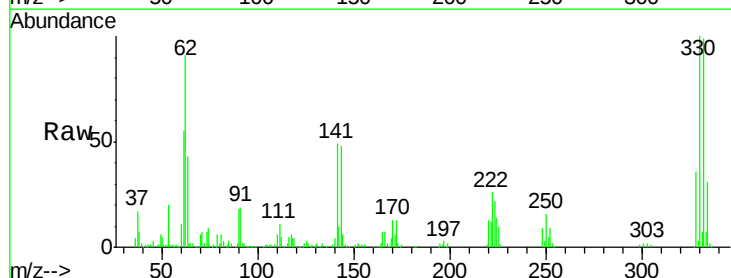


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

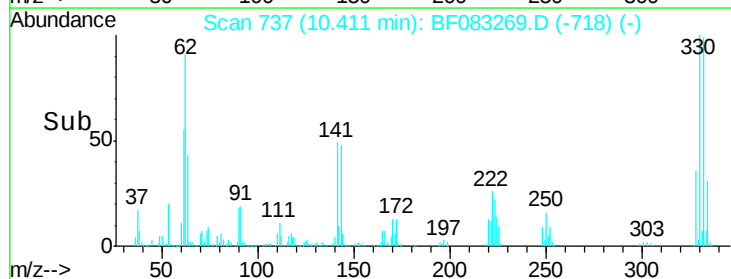
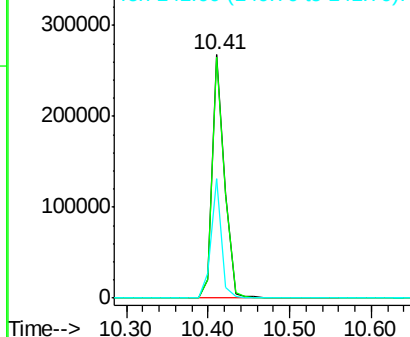


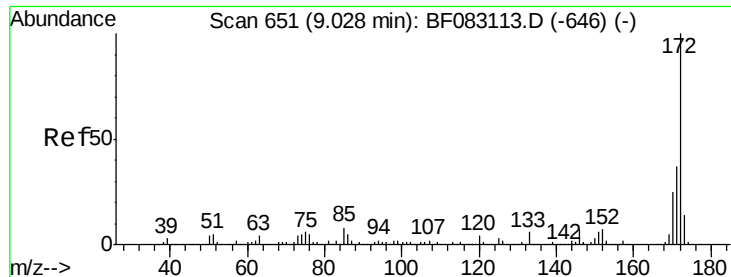
#41
2,4,6-Tribromophenol
Concen: 82.75 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083269.D
Acq: 25 Nov 2015 13:00

Tgt Ion:330 Resp: 283837
Ion Ratio Lower Upper
330 100
332 99.0 77.7 116.5
141 42.1 29.7 44.5



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

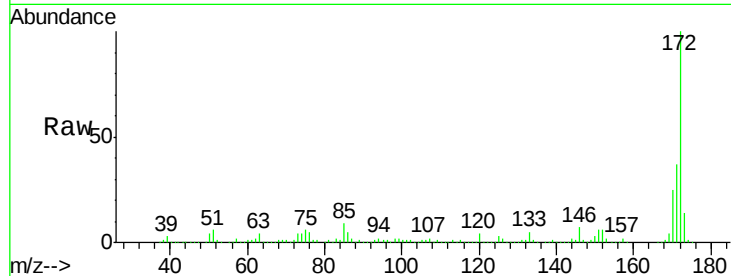




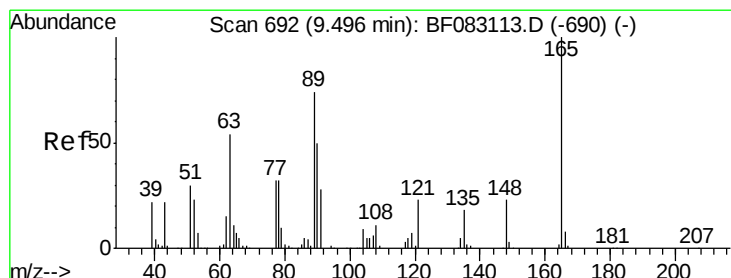
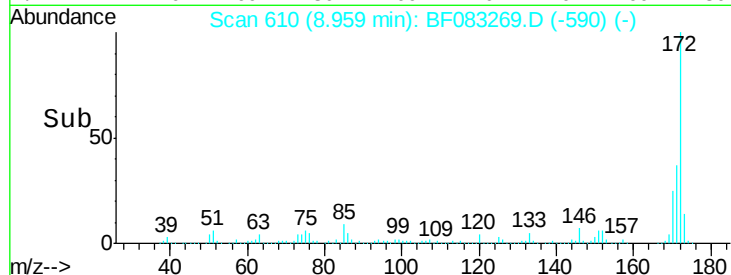
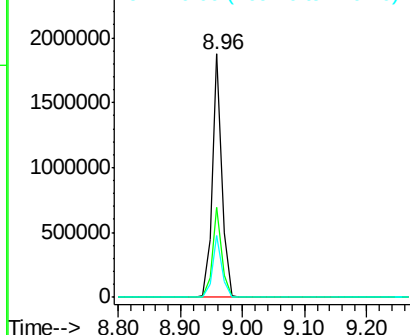
#44
 2-Fluorobiphenyl
 Concen: 81.77 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-71

Tgt Ion:172 Resp: 1966091
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.5 44.3
 170 25.2 19.9 29.9

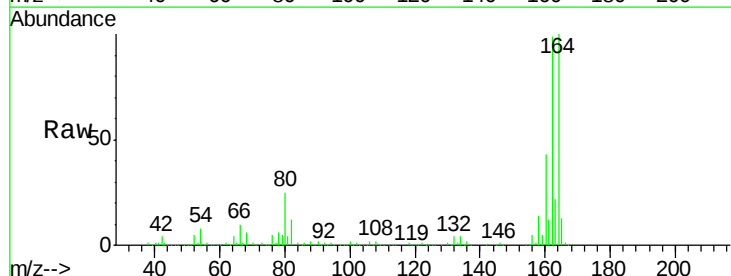


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

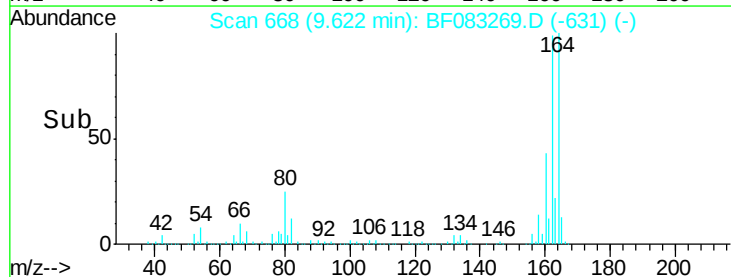
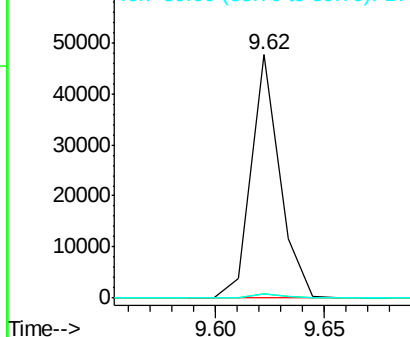


#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

Tgt Ion:165 Resp: 43665
 Ion Ratio Lower Upper
 165 100
 63 1.8 62.5 93.7#
 89 1.6 59.1 88.7#



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

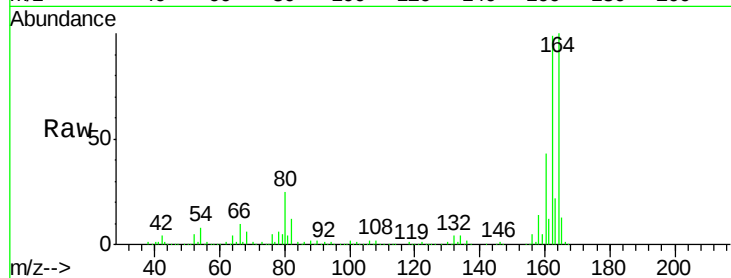




#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083269.D
Acq: 25 Nov 2015 13:00

Instrument :
BNA_F
ClientSampleId :
MW-71

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#

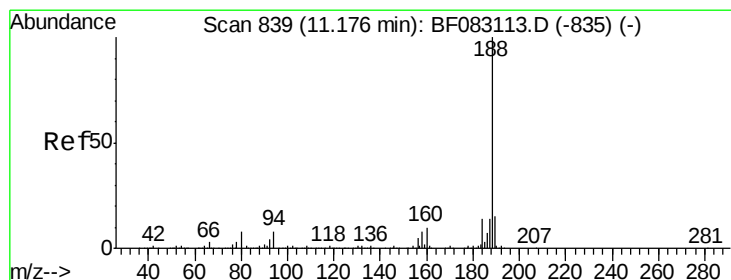
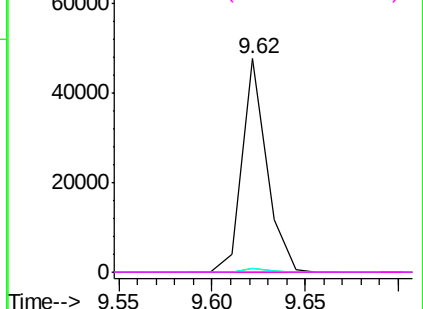
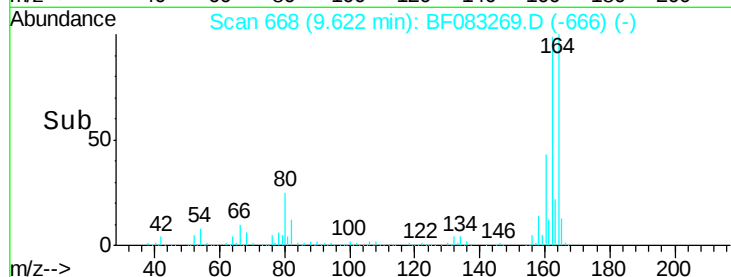


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

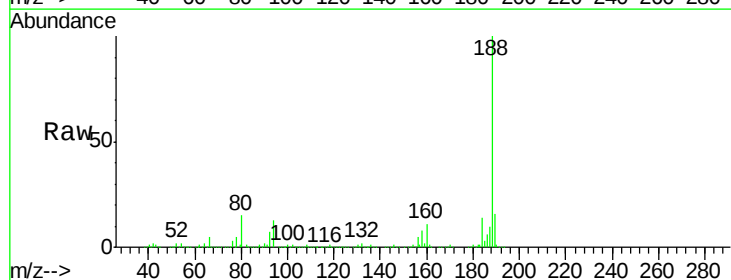
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083269.D
Acq: 25 Nov 2015 13:00

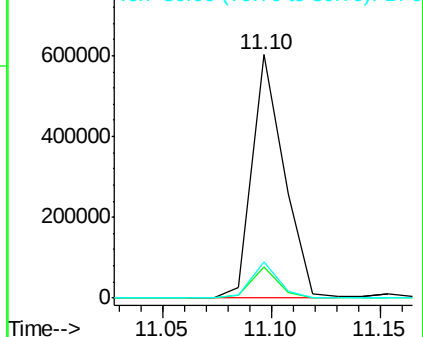
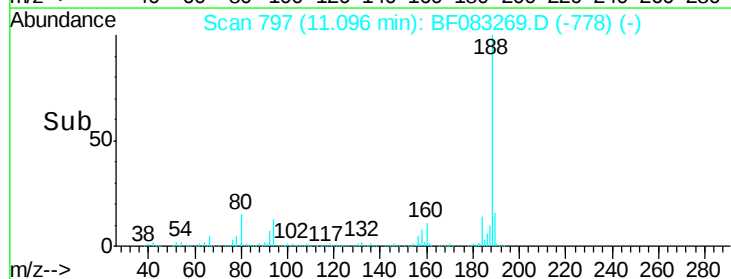
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.0	9.0#
80	14.8	6.7	10.1#

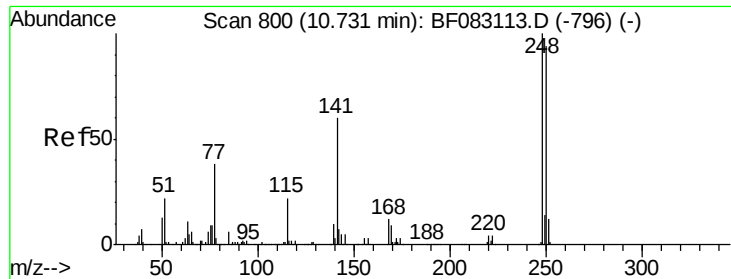


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

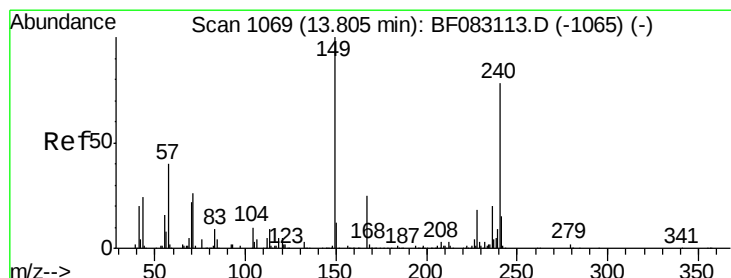
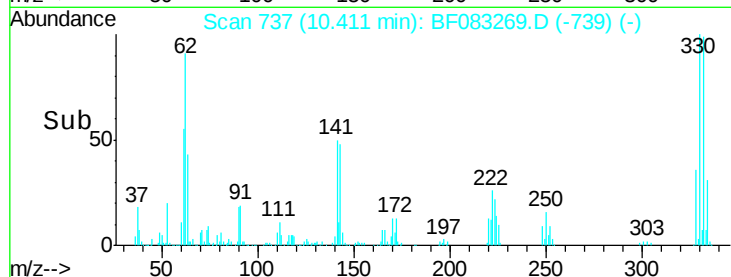
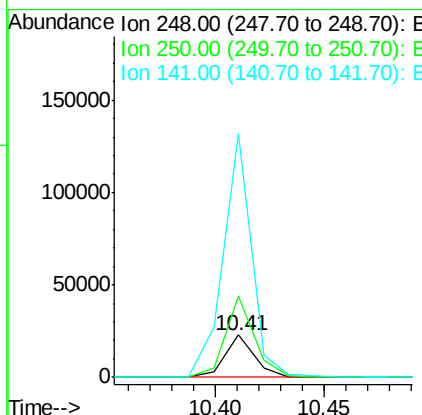
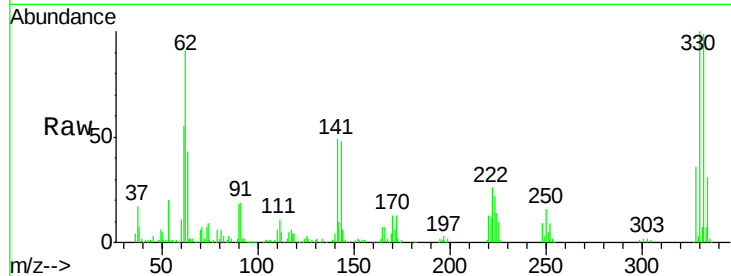




#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

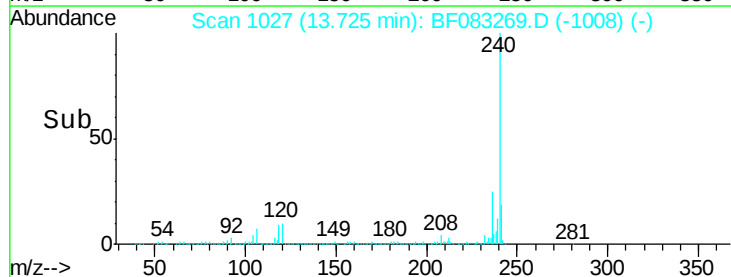
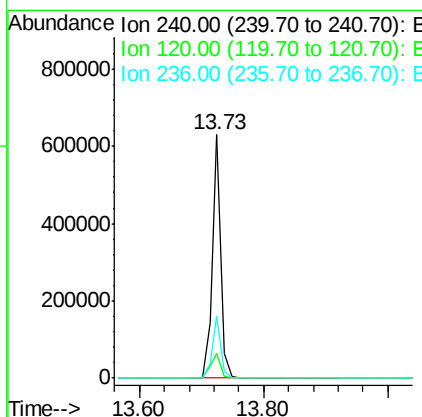
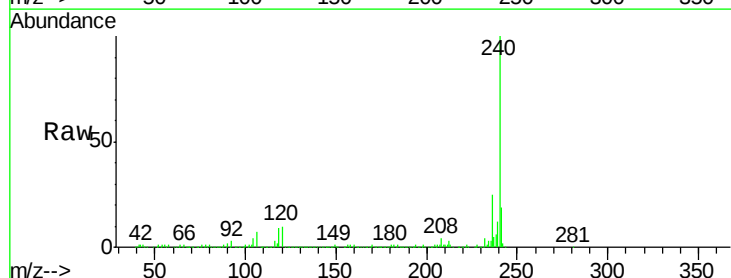
Instrument :
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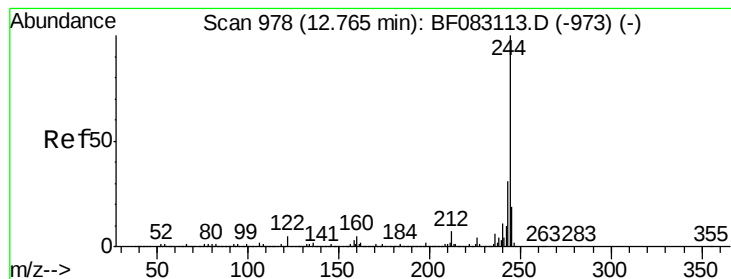
Tgt Ion:248 Resp: 21297
 Ion Ratio Lower Upper
 248 100
 250 190.6 75.4 113.2#
 141 575.9 48.1 72.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083269.D
 Acq: 25 Nov 2015 13:00

Tgt Ion:240 Resp: 586406
 Ion Ratio Lower Upper
 240 100
 120 10.2 5.4 8.2#
 236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 83.10 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

Instrument :

BNA_F

ClientSampleId :

MW-71

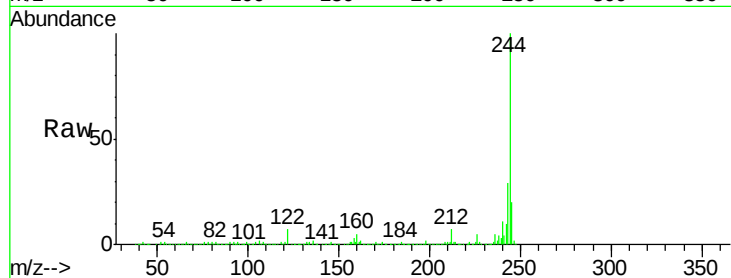
Tgt Ion:244 Resp: 2069251

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

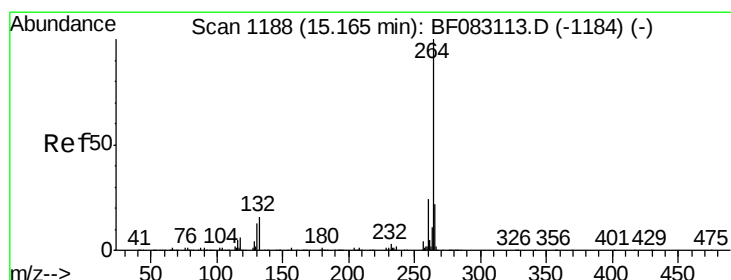
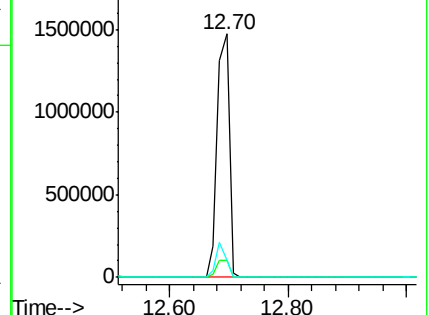
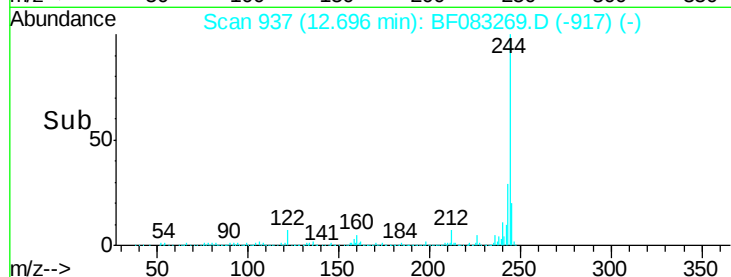
122 6.8 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083269.D

Acq: 25 Nov 2015 13:00

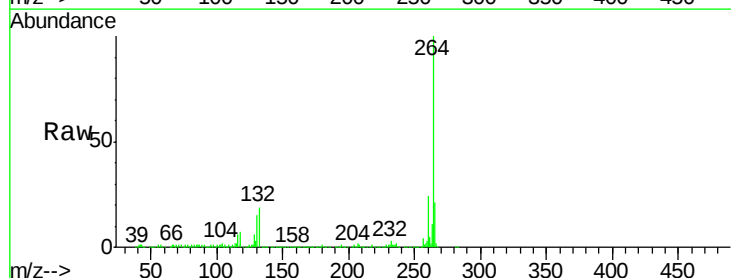
Tgt Ion:264 Resp: 439534

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.4 18.2 27.4



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

