

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083303.D
 Acq On : 26 Nov 2015 7:11
 Operator : UM/IZ
 Sample : G4553-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:40:33 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

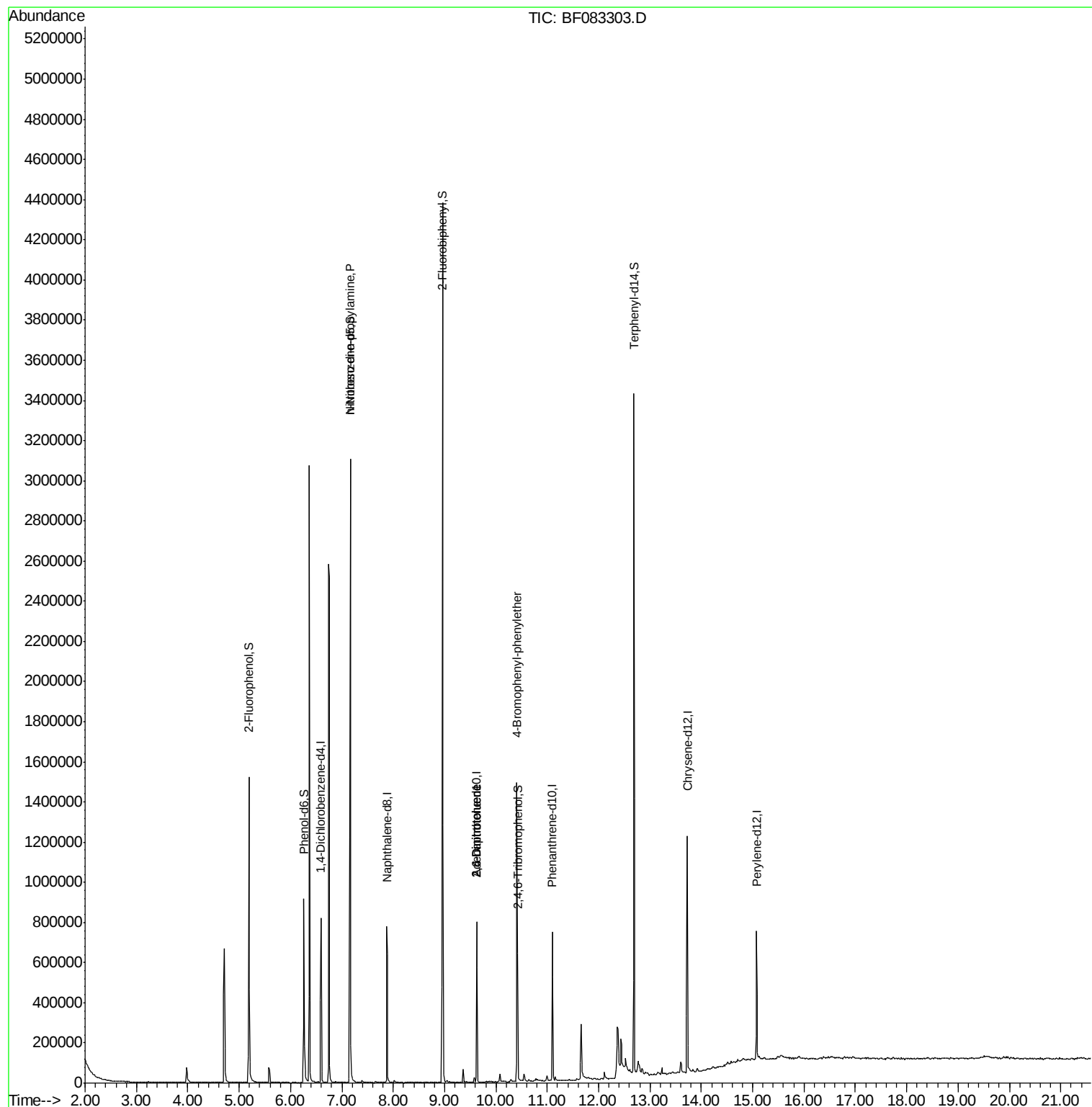
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145262	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	480980	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	202010	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	352915	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	397857	20.00	ng	-0.08
86) Perylene-d12	15.07	264	288139	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	442579	46.06	ng	-0.09
7) Phenol-d6	6.26	99	360648	29.01	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1109168	105.37	ng	-0.07
41) 2,4,6-Tribromophenol	10.42	330	177706	85.99	ng	-0.07
44) 2-Fluorobiphenyl	8.96	172	1395724	96.34	ng	-0.07
78) Terphenyl-d14	12.69	244	1181552	69.93	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	152369	17.61	ng	# 76
50) 2,6-Dinitrotoluene	9.62	165	24254	6.95	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	24255	5.49	ng	# 11
66) 4-Bromophenyl-phenylether	10.41	248	12469	3.18	ng	# 1

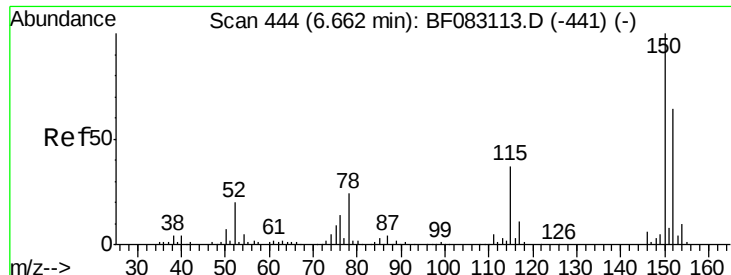
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 26 12:40:33 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



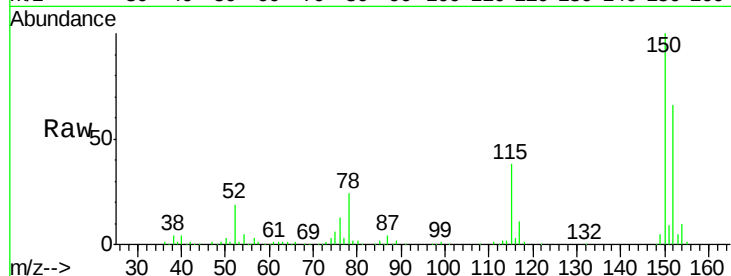


#1

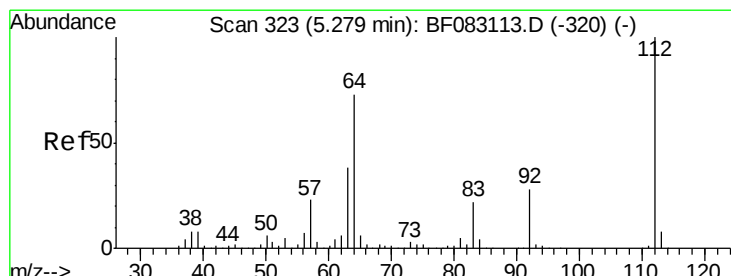
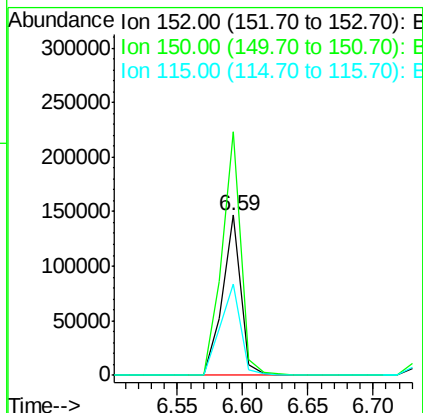
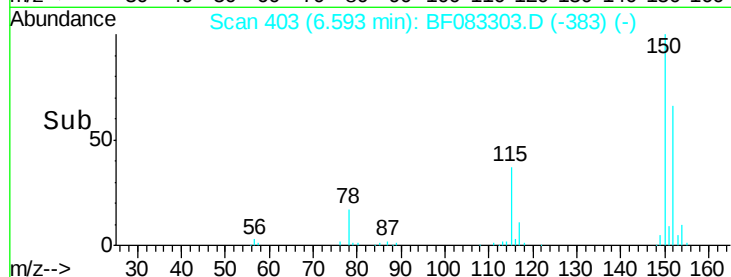
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.8	188.8
115	57.2	46.9	70.3



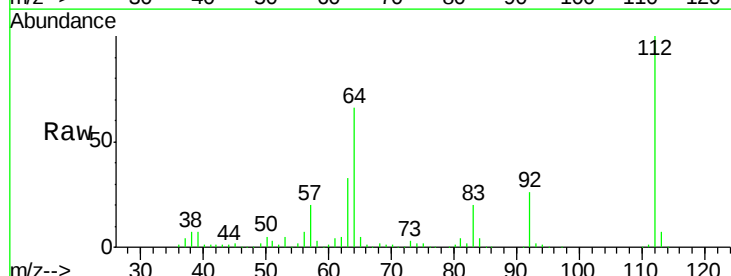
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



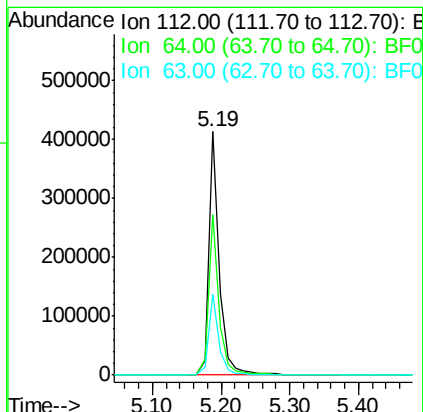
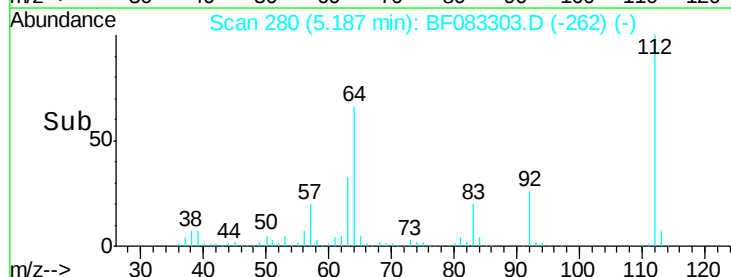
#5

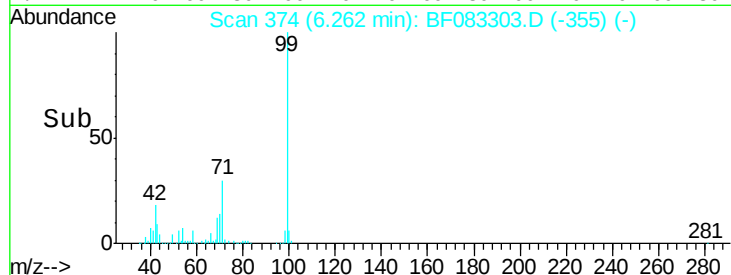
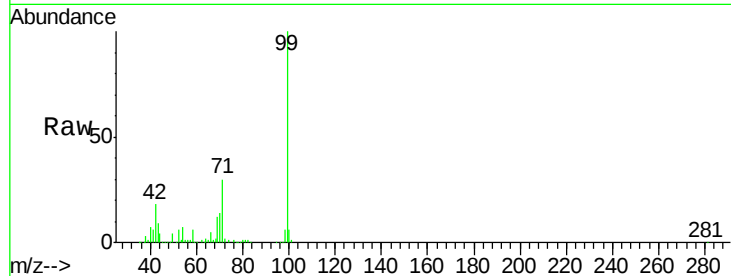
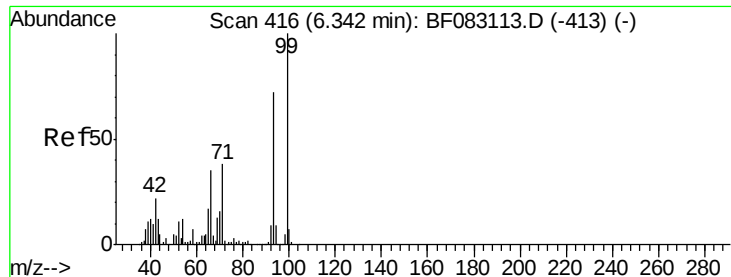
2-Fluorophenol
Concen: 46.06 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	58.4	87.6
63	33.1	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: 29.01 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083303.D

Acq: 26 Nov 2015 7:11

Instrument :

BNA_F

ClientSampleId :

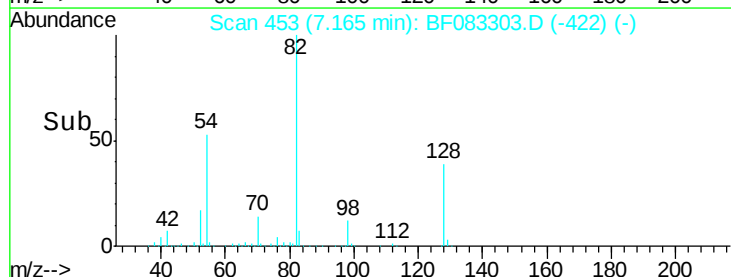
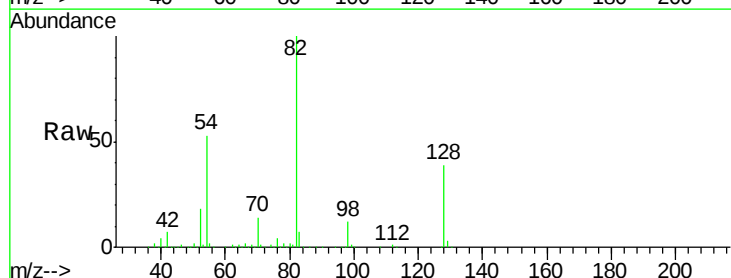
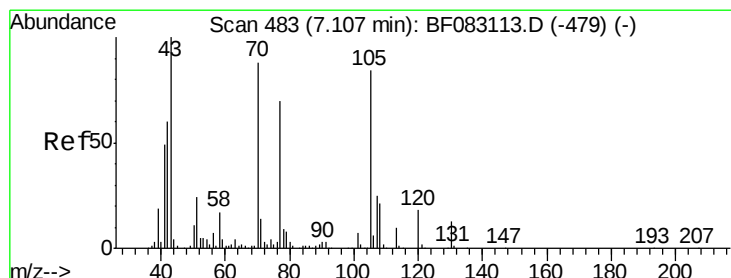
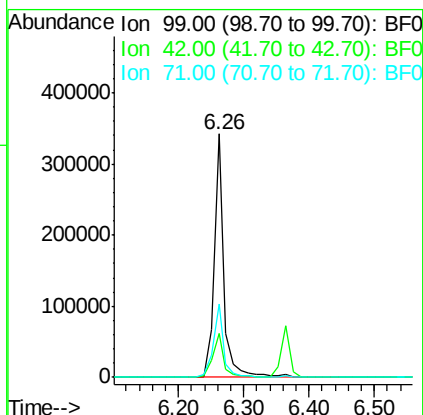
Tot Ion: 99 Resp: 360648

Ion Ratio Lower Upper

99 100

42 17.9 17.7 26.5

71 30.1 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.61 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083303.D

Acq: 26 Nov 2015 7:11

Tgt Ion: 70 Resp: 152369

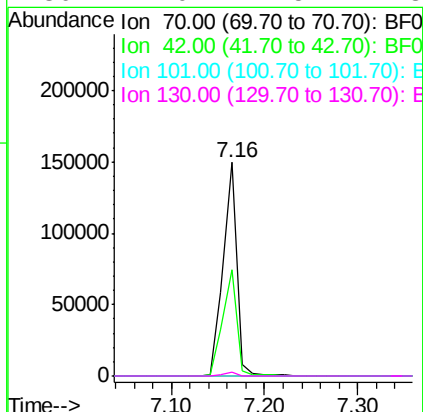
Ion Ratio Lower Upper

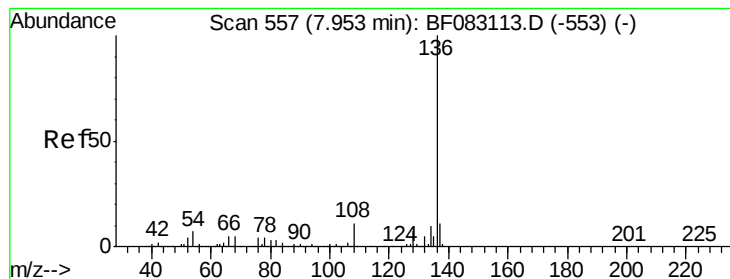
70 100

42 49.7 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: BF083303.D

Acq: 26 Nov 2015 7:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 480980

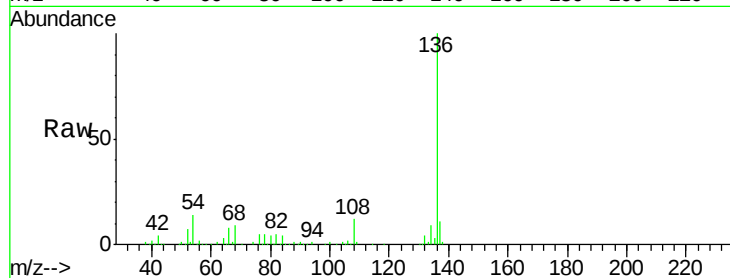
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 13.8 5.8 8.6#

68 9.1 3.8 5.8#

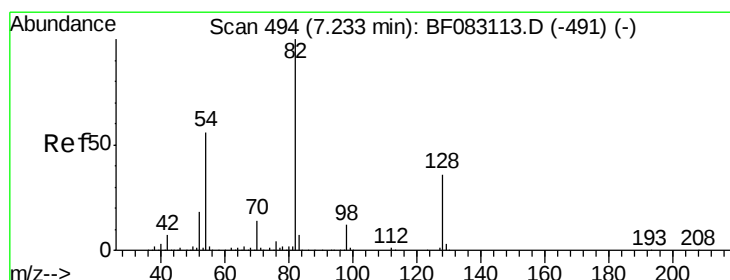
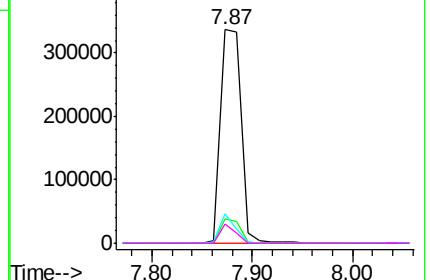
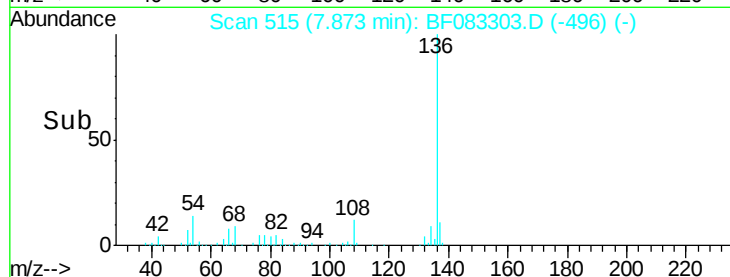


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.37 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083303.D

Acq: 26 Nov 2015 7:11

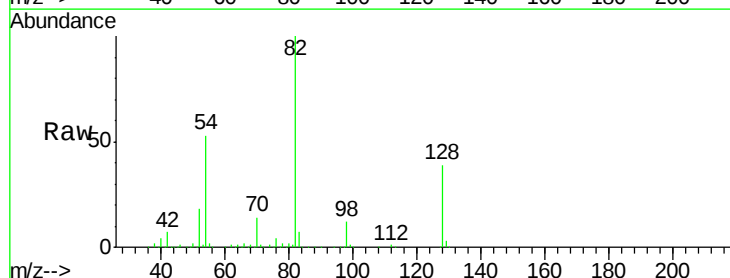
Tgt Ion: 82 Resp: 1109168

Ion Ratio Lower Upper

82 100

128 39.4 28.5 42.7

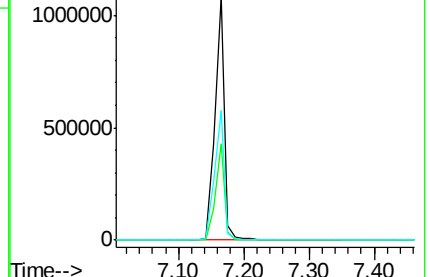
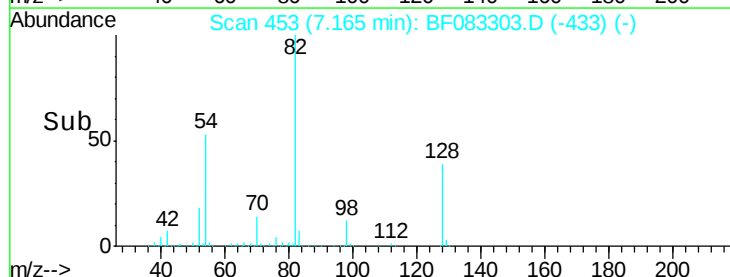
54 53.4 44.6 67.0

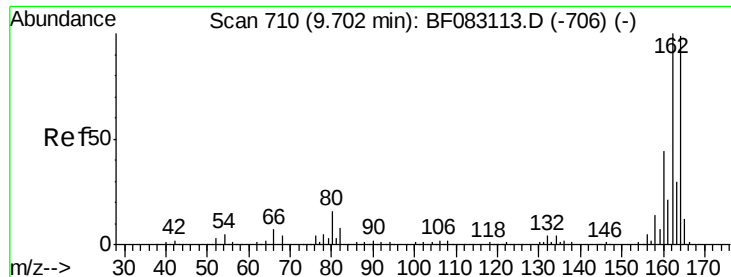


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

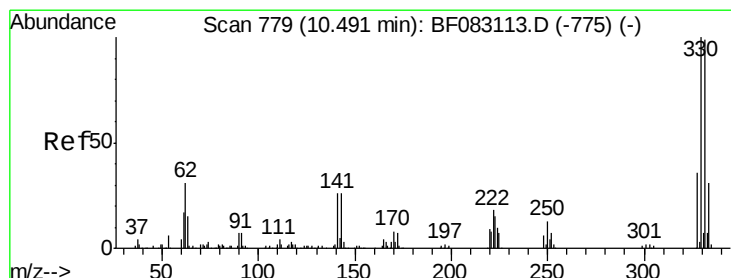
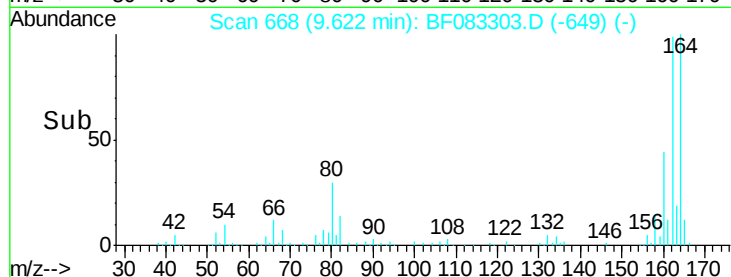
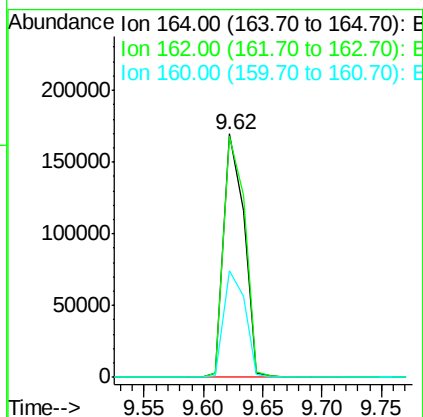
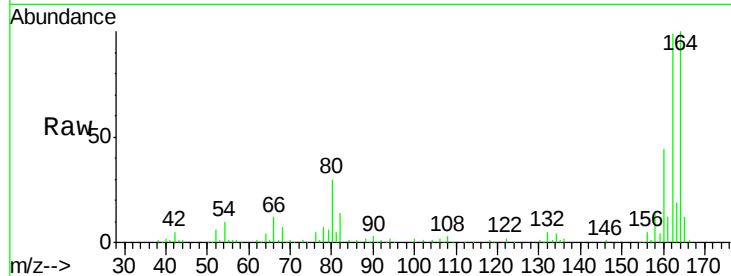




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

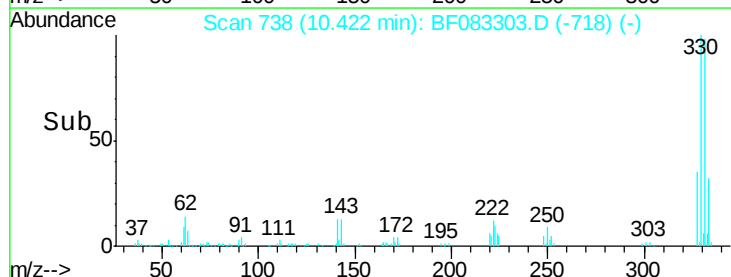
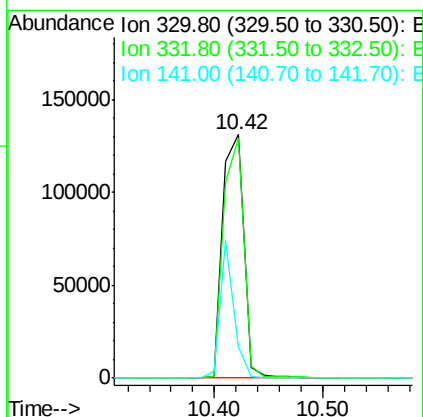
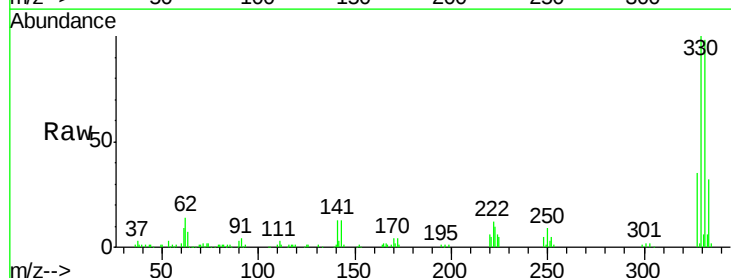
Instrument :
BNA_F
ClientSampleId :

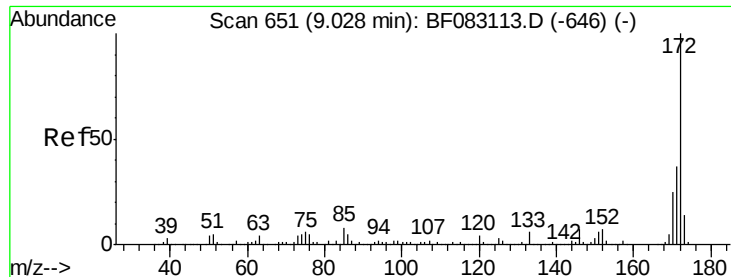
Tot Ion:164 Resp: 202010
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 43.6 35.6 53.4



#41
2,4,6-Tribromophenol
Concen: 85.99 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

Tgt Ion:330 Resp: 177706
Ion Ratio Lower Upper
330 100
332 94.9 77.7 116.5
141 37.3 29.7 44.5



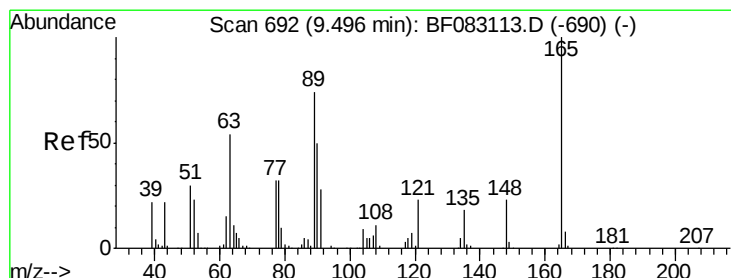
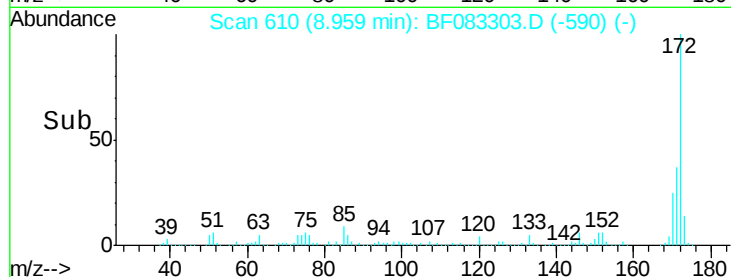
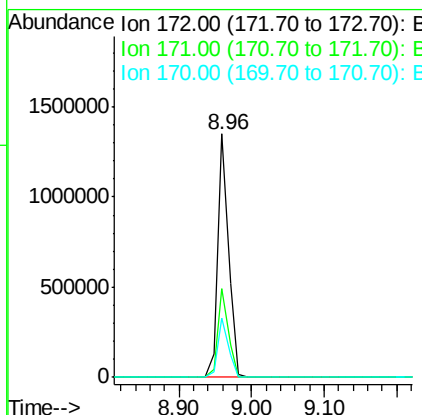
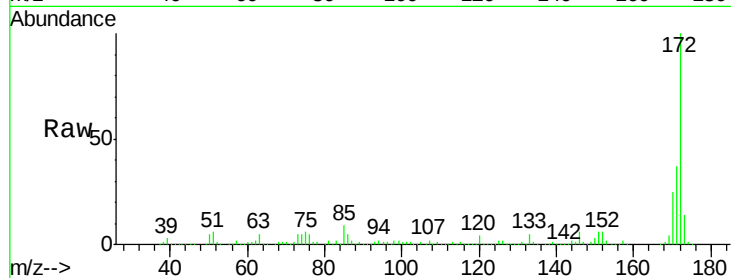


#44
 2-Fluorobiphenyl
 Concen: 96.34 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1395724

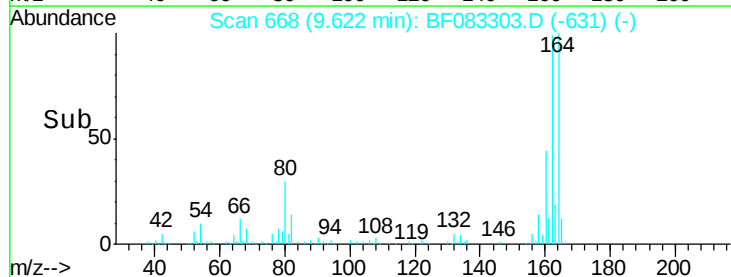
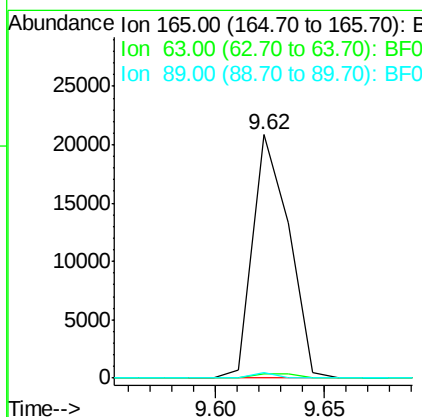
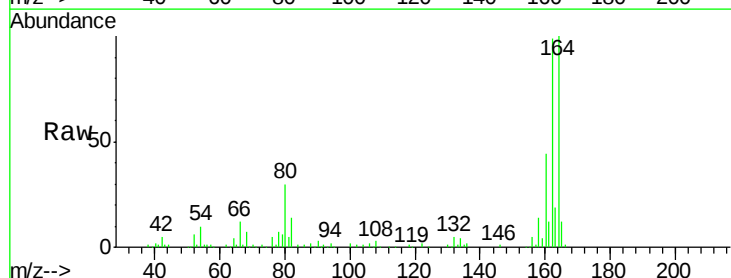
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.5	19.9	29.9

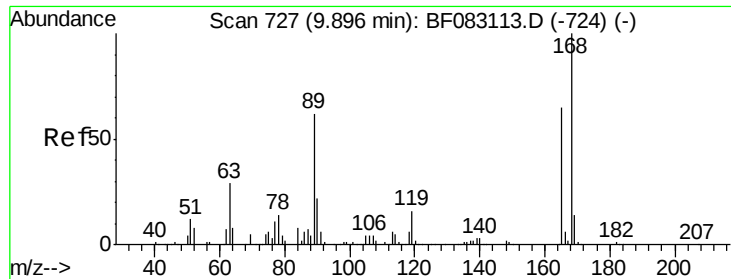


#50
 2,6-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

Tgt Ion:165 Resp: 24254

Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.5	93.7#
89	2.2	59.1	88.7#

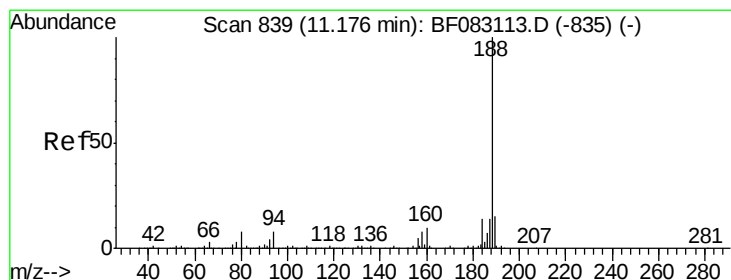
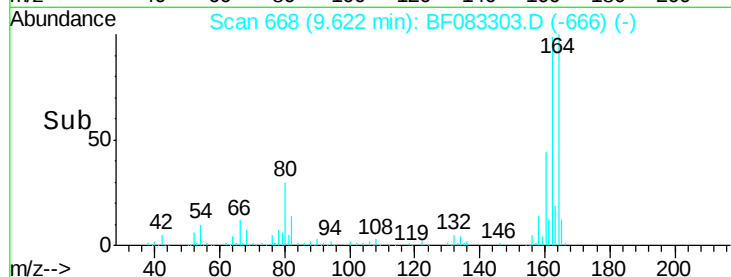
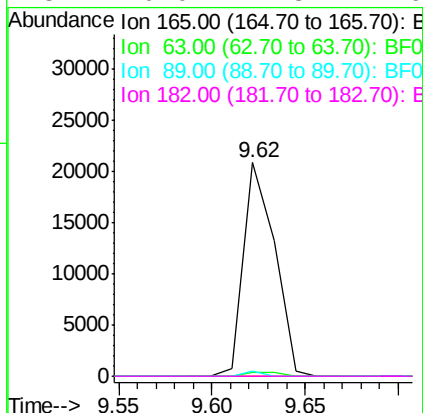
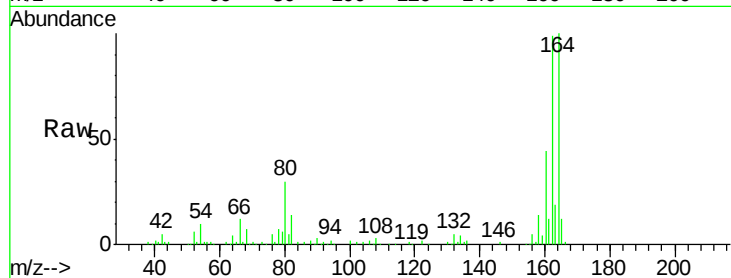




#56
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

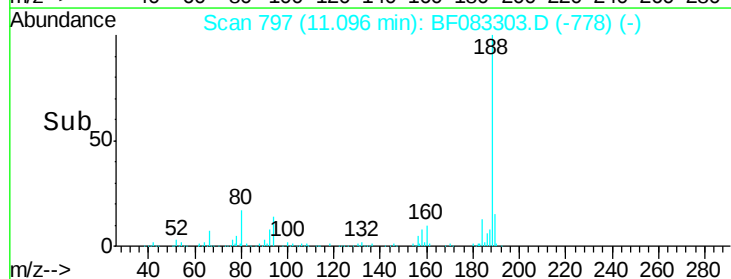
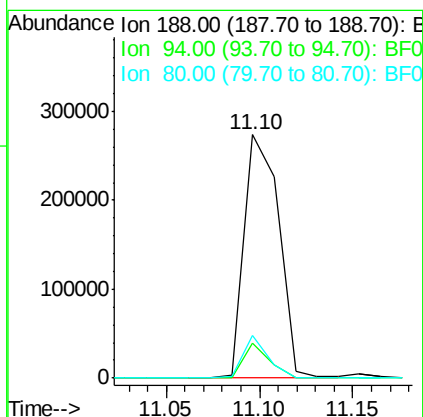
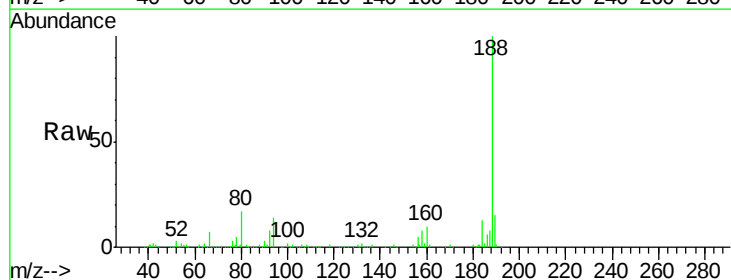
Instrument :
 BNA_F
 ClientSampleId :

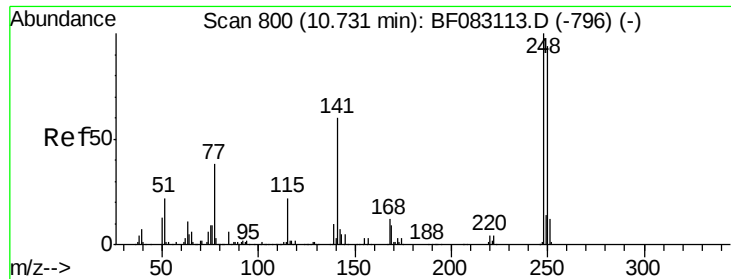
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.5	81.7#
89	2.2	77.3	115.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.2	6.0	9.0#
80	17.4	6.7	10.1#

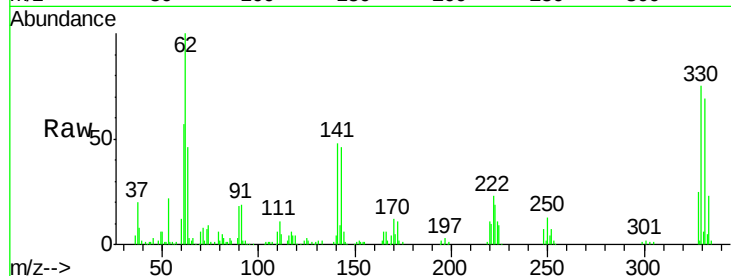




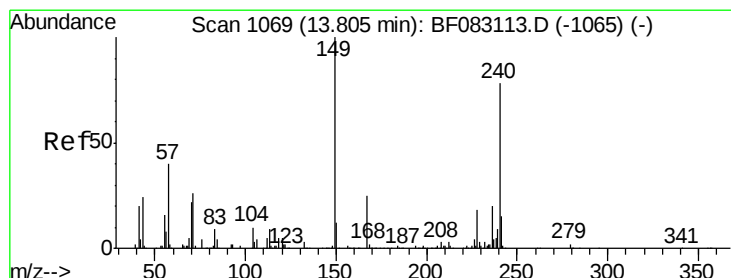
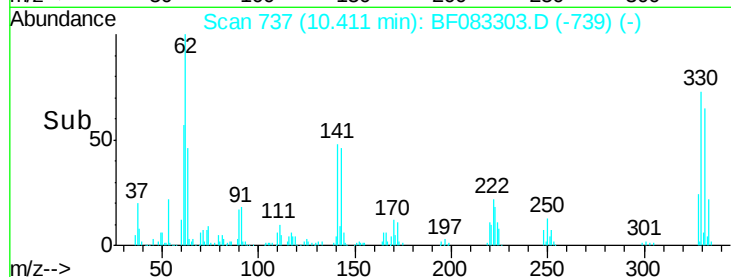
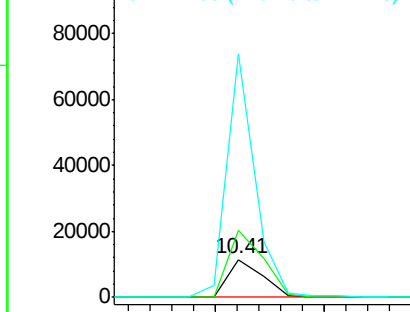
#66
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12469
Ion Ratio Lower Upper
248 100
250 178.8 75.4 113.2#
141 646.7 48.1 72.1#

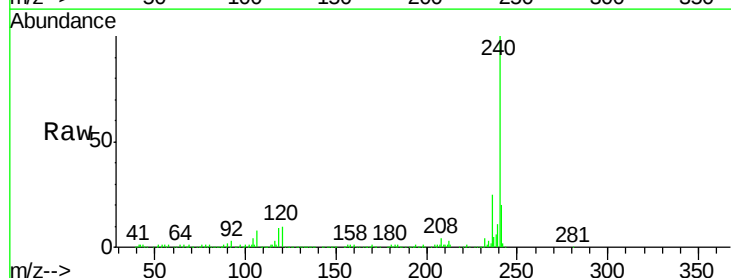


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

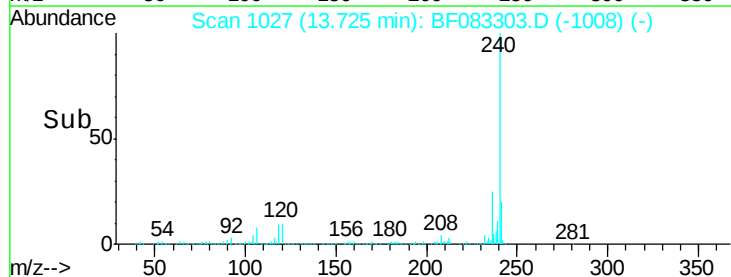
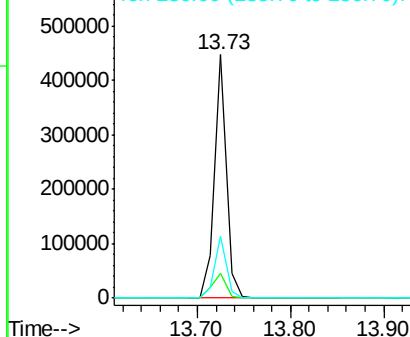


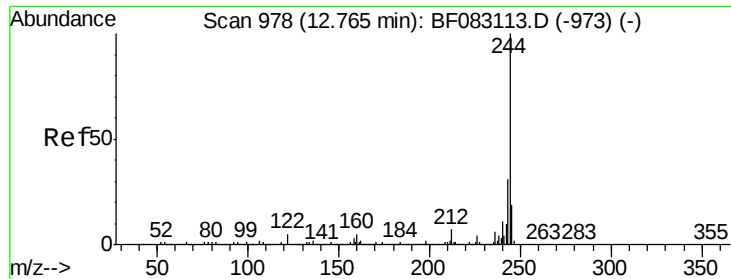
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083303.D
Acq: 26 Nov 2015 7:11

Tgt Ion:240 Resp: 397857
Ion Ratio Lower Upper
240 100
120 10.1 5.4 8.2#
236 25.2 20.6 31.0



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

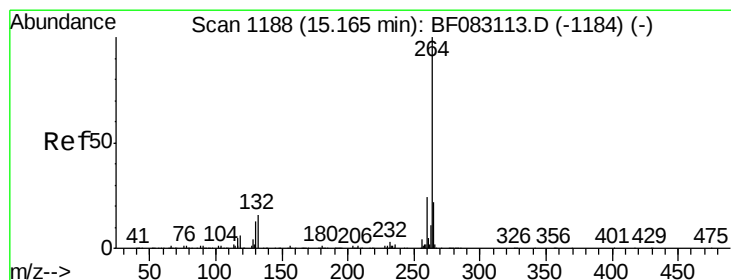
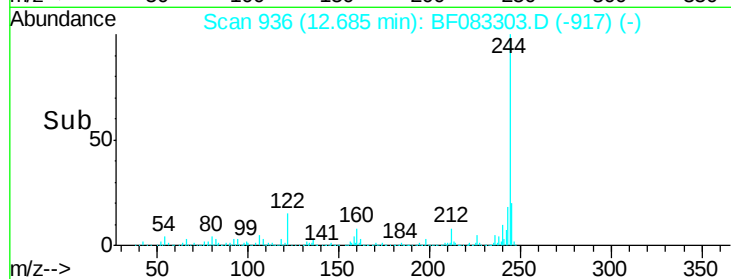
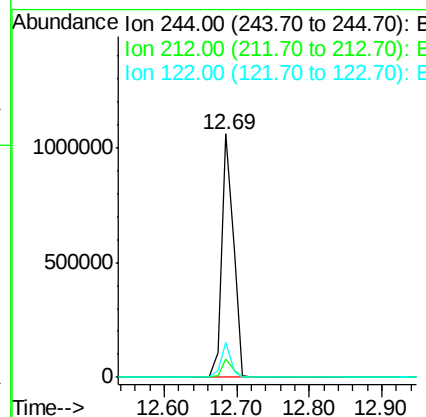
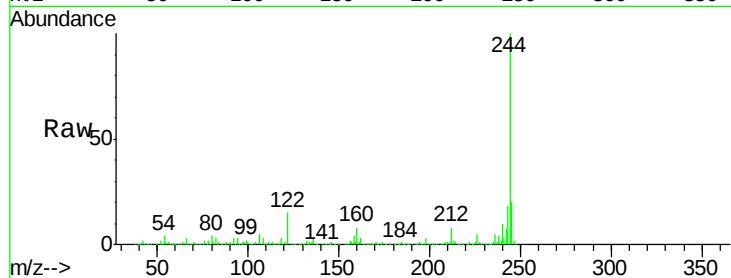




#78
 Terphenyl-d14
 Concen: 69.93 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1181552
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 14.6 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083303.D
 Acq: 26 Nov 2015 7:11

Tgt Ion:264 Resp: 288139
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.3 18.2 27.4

