

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\
 Data File : BF083239.D
 Acq On : 24 Nov 2015 16:19
 Operator : UM/IZ
 Sample : G4503-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 16:44:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

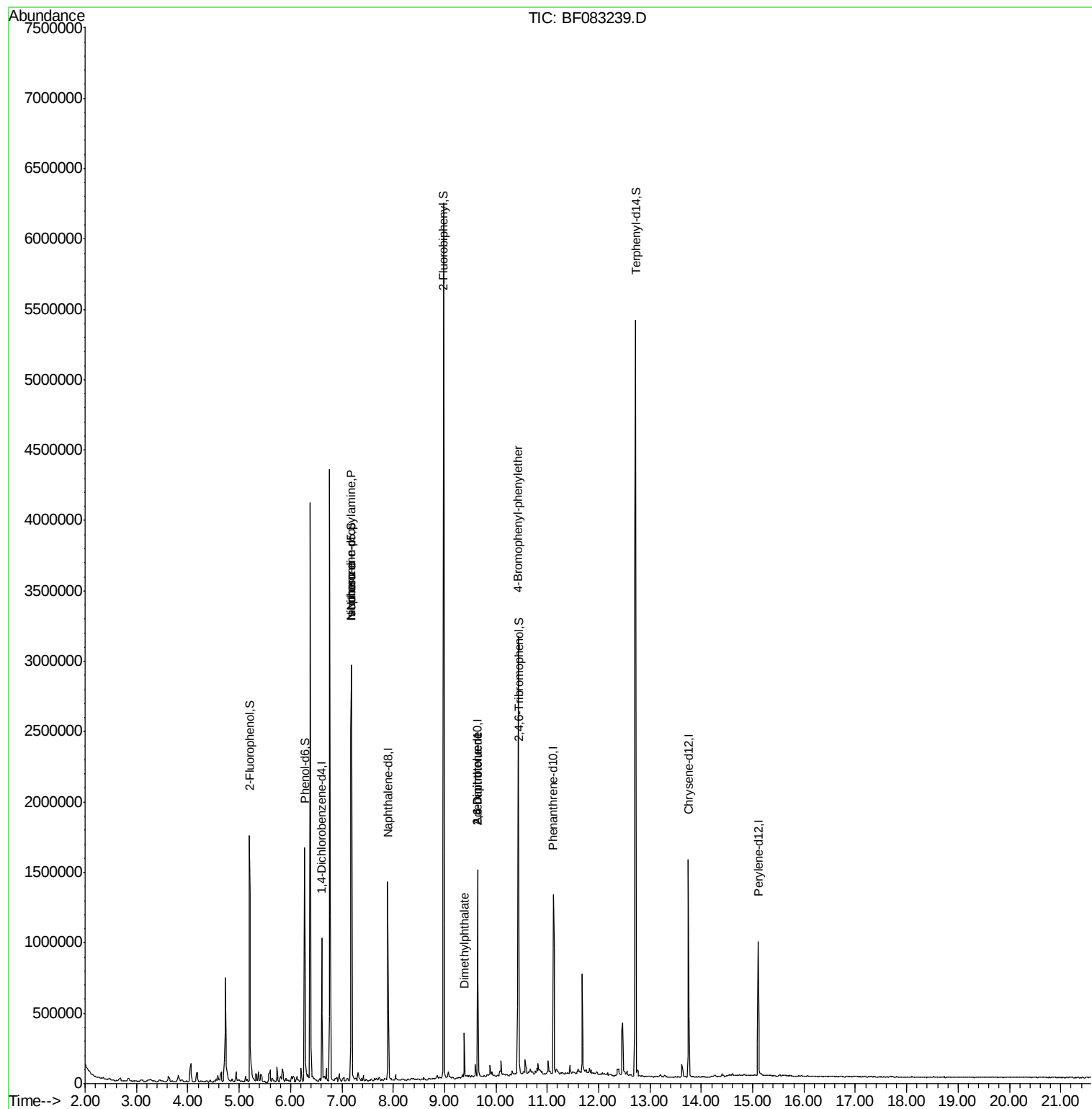
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	166396	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	645320	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	323824	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	602849	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	534962	20.00	ng	-0.01
86) Perylene-d12	15.11	264	403058	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	669586	60.84	ng	0.00
7) Phenol-d6	6.27	99	570358	40.05	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1402834	99.33	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	465484	140.51	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1966558	84.68	ng	-0.01
78) Terphenyl-d14	12.72	244	2100734	92.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.20	77	3516	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.19	70	190626	19.23	ng	# 72
25) Isophorone	7.19	82	1337250	50.01	ng	# 70
49) Dimethylphthalate	9.38	163	117461	4.71	ng	99
50) 2,6-Dinitrotoluene	9.64	165	43039	7.69	ng	# 14
56) 2,4-Dinitrotoluene	9.64	165	43450	6.13	ng	# 11
66) 4-Bromophenyl-phenylether	10.43	248	32287	4.83	ng	# 1

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 24 16:44:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Instrument :

BNA_F

ClientSampleId :

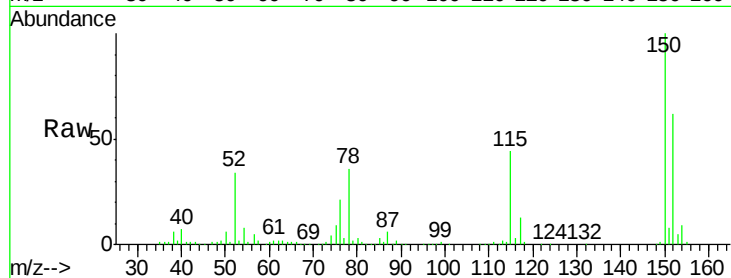
Tot Ion:152 Resp: 166396

Ion Ratio Lower Upper

152 100

150 162.0 125.8 188.8

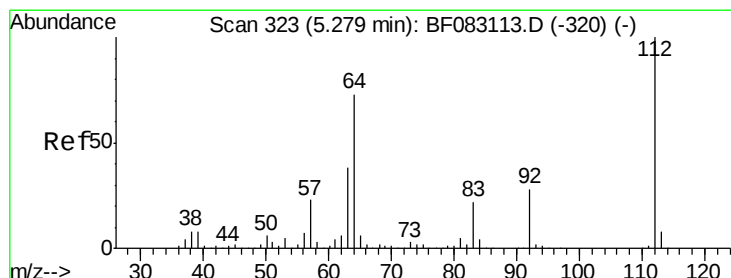
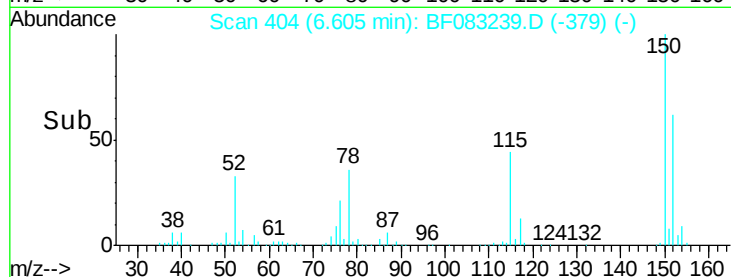
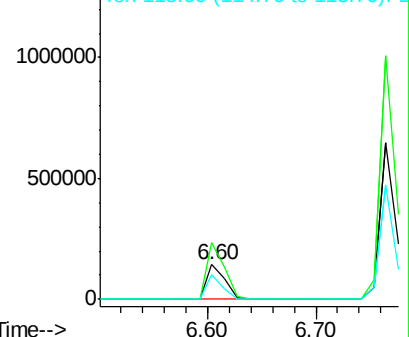
115 71.9 46.9 70.3#



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: 60.84 ng

RT: 5.20 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

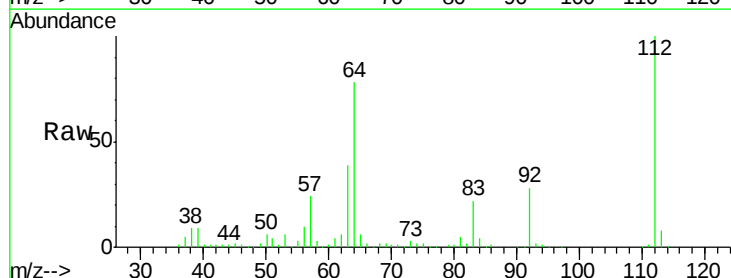
Tgt Ion:112 Resp: 669586

Ion Ratio Lower Upper

112 100

64 77.6 58.4 87.6

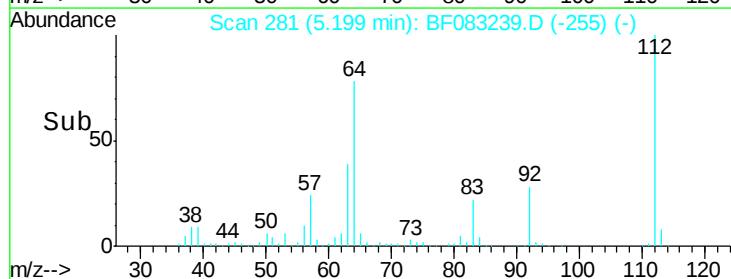
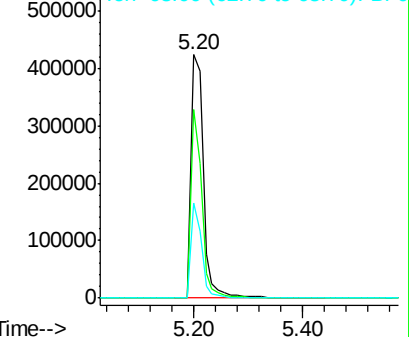
63 39.1 30.0 45.0

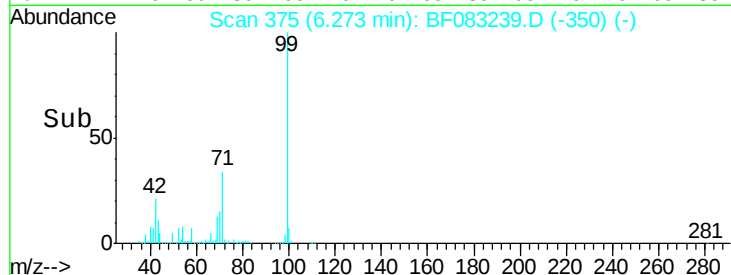
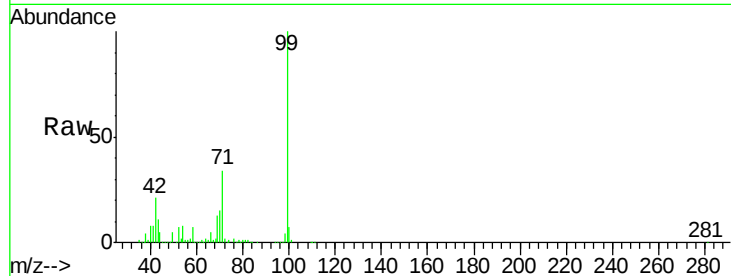
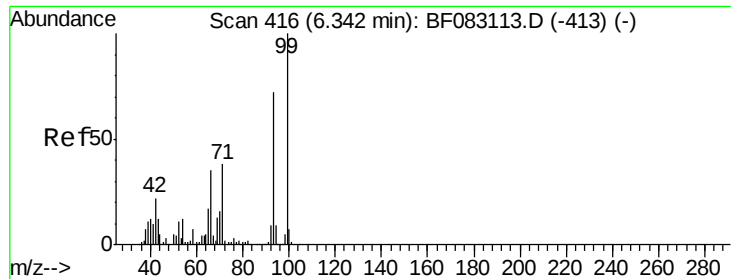


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.05 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Instrument :

BNA_F

ClientSampleId :

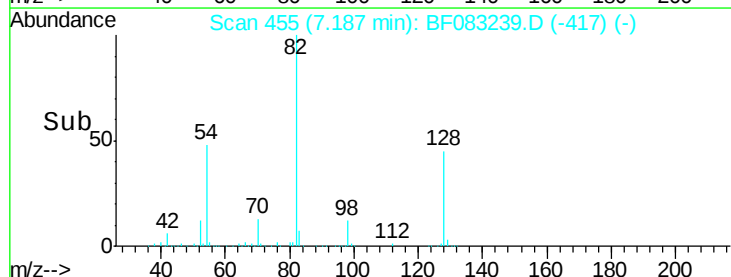
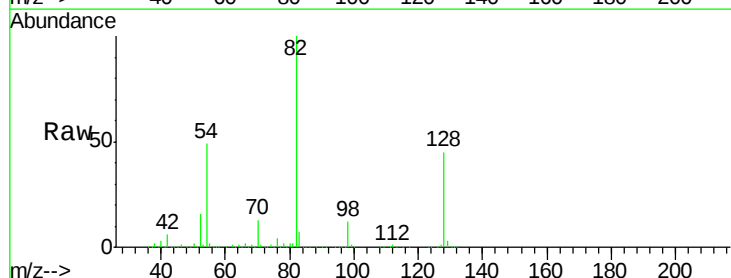
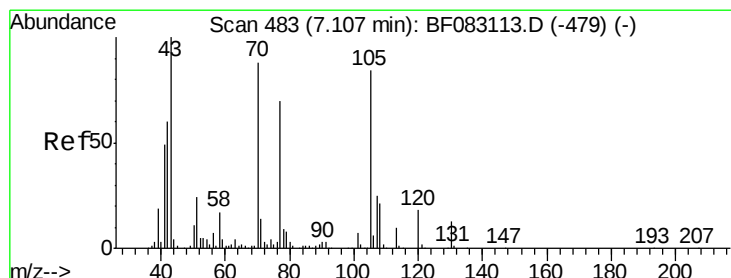
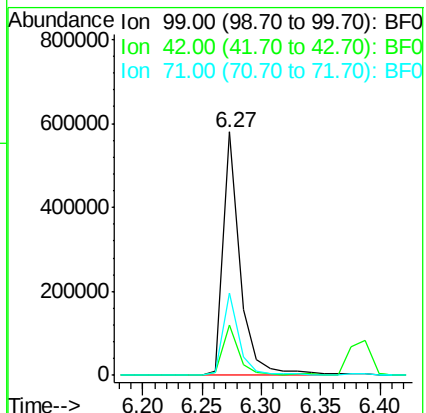
Tot Ion: 99 Resp: 570358

Ion Ratio Lower Upper

99 100

42 20.7 17.7 26.5

71 33.6 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.23 ng

RT: 7.19 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Tgt Ion: 70 Resp: 190626

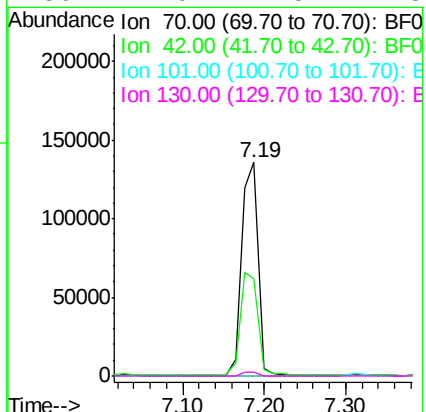
Ion Ratio Lower Upper

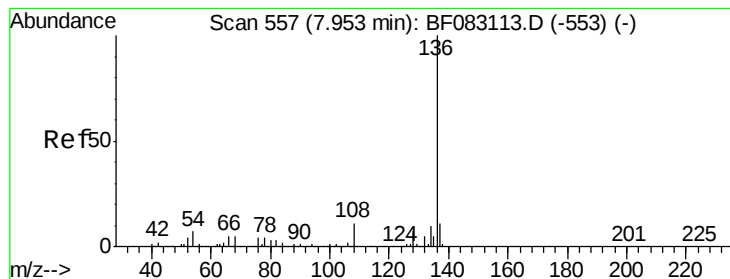
70 100

42 45.3 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: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 645320

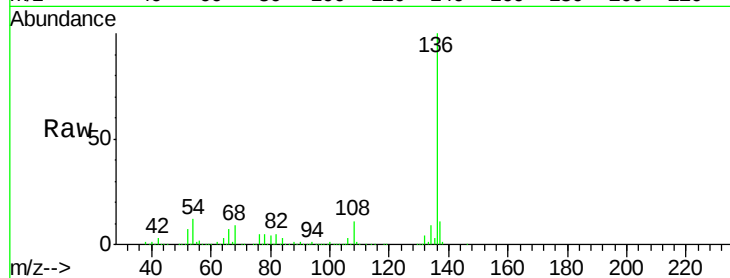
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.2 5.8 8.6#

68 8.8 3.8 5.8#

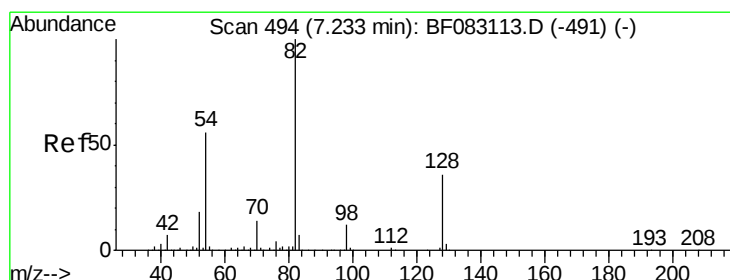
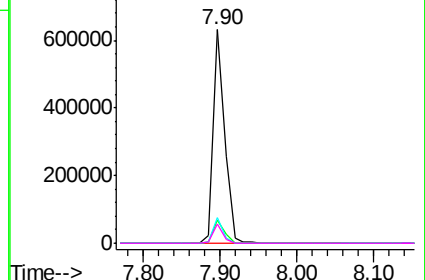
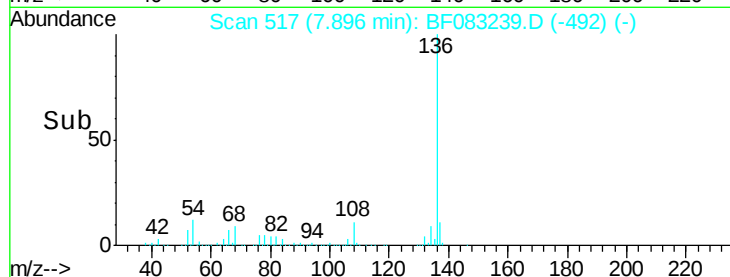


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.33 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

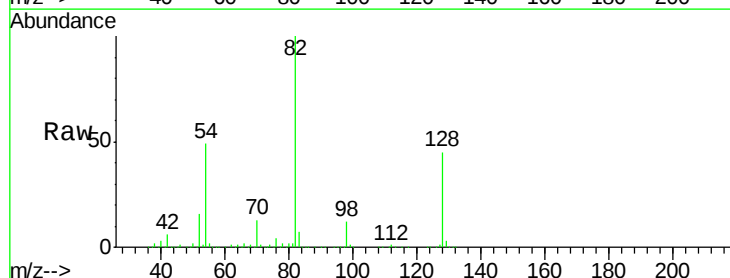
Tgt Ion: 82 Resp: 1402834

Ion Ratio Lower Upper

82 100

128 45.2 28.5 42.7#

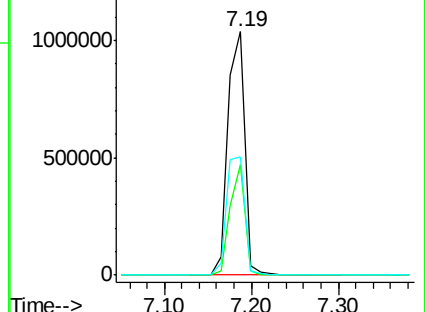
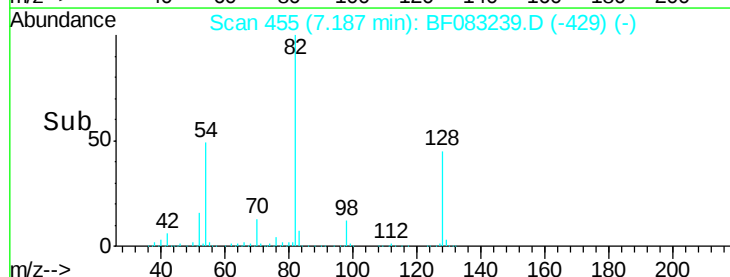
54 48.8 44.6 67.0

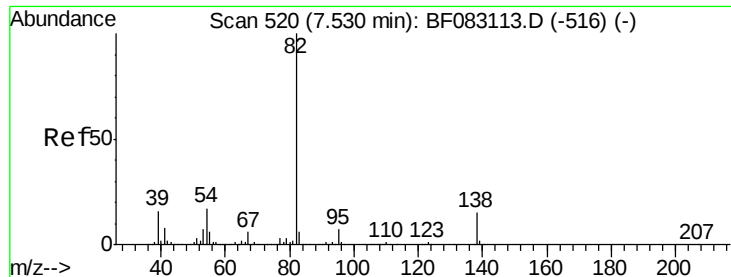


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.01 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.26 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Instrument :

BNA_F

ClientSampled :

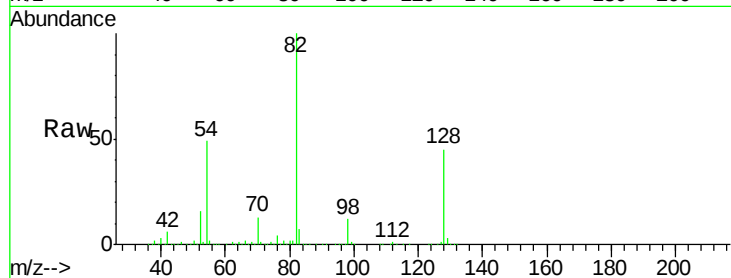
Tot Ion: 82 Resp: 1337250

Ion Ratio Lower Upper

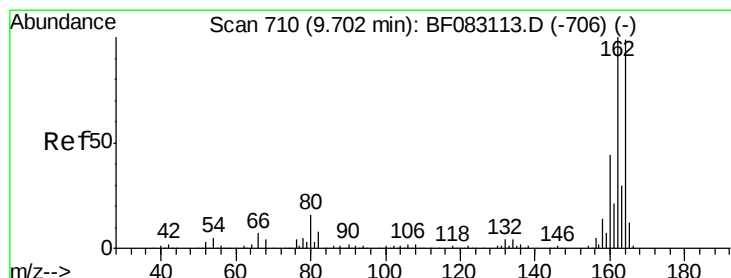
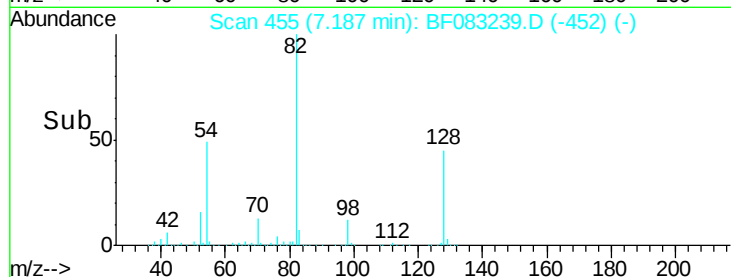
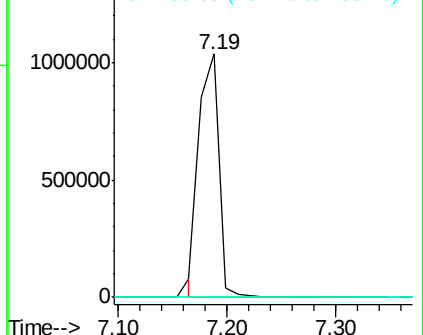
82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

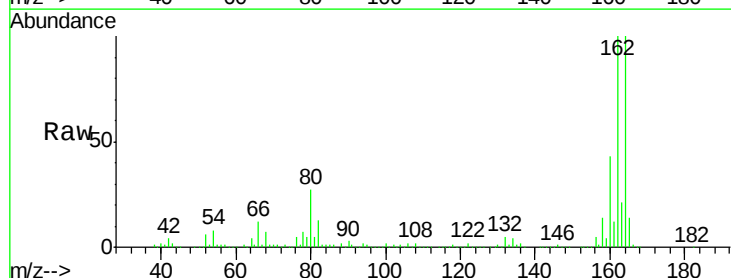
Tgt Ion:164 Resp: 323824

Ion Ratio Lower Upper

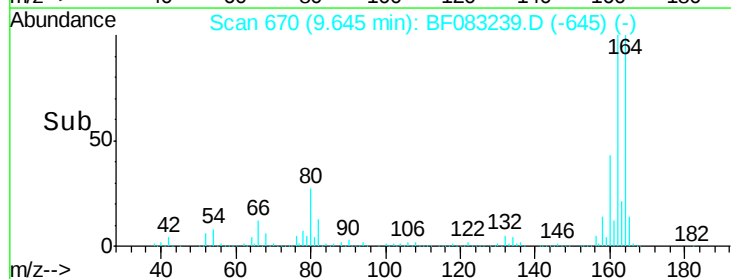
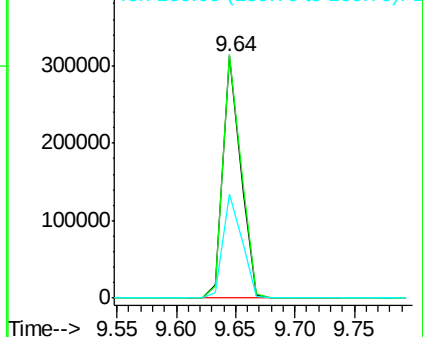
164 100

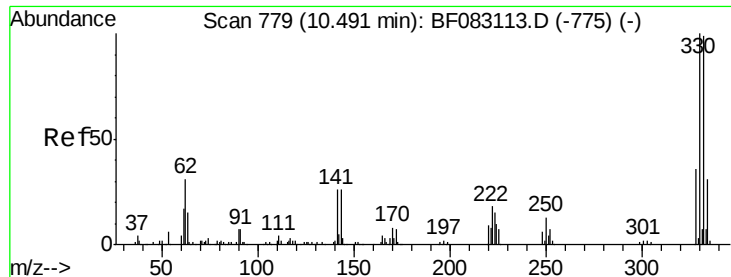
162 100.5 81.2 121.8

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

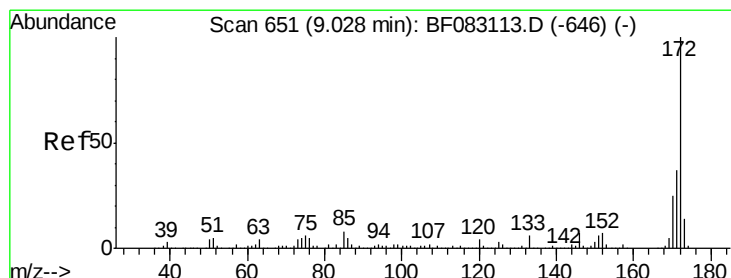
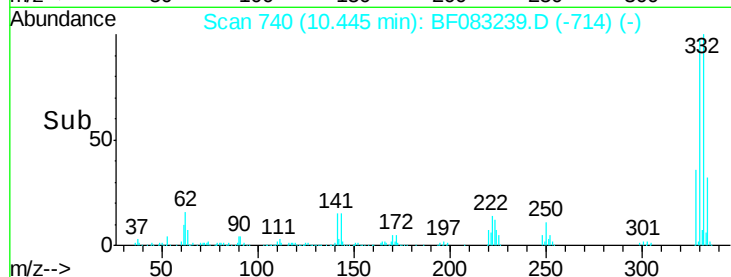
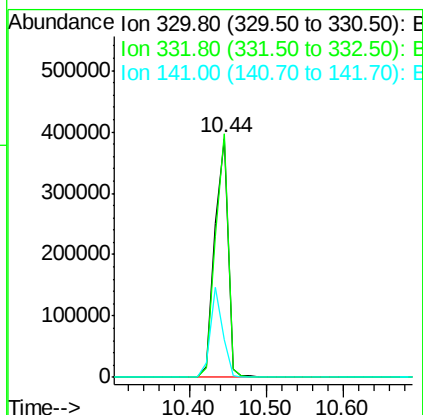
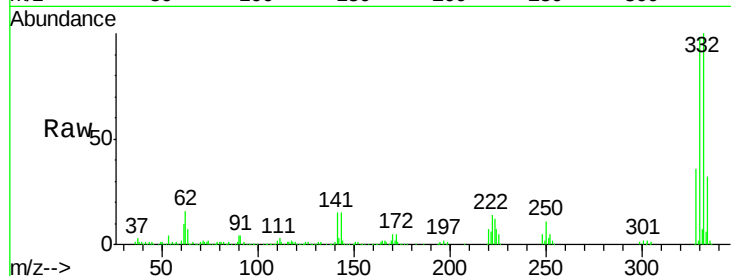




#41
 2,4,6-Tribromophenol
 Concen: 140.51 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF083239.D
 Acq: 24 Nov 2015 16:19

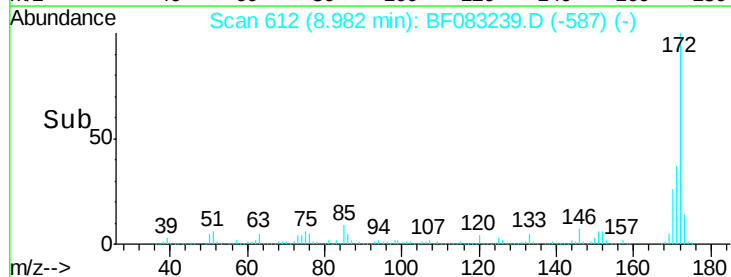
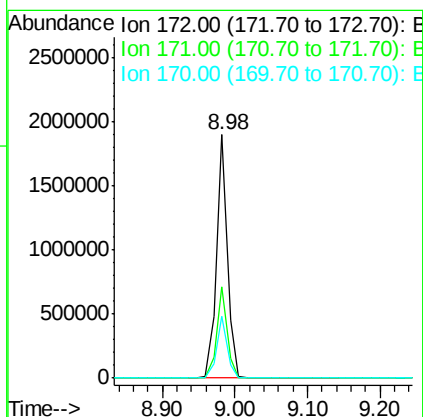
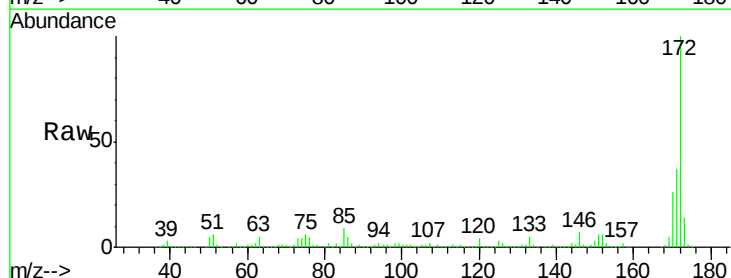
Instrument :
 BNA_F
 ClientSampleId :

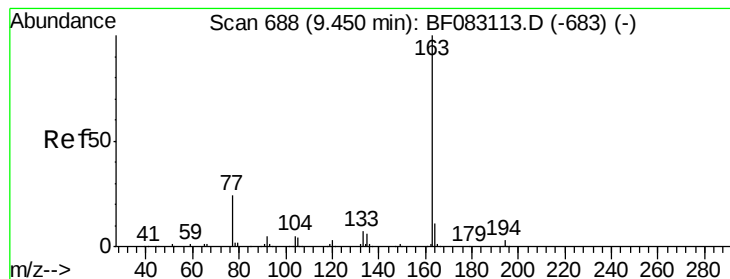
Tot Ion:330 Resp: 465484
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.7 116.5
 141 35.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 84.68 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF083239.D
 Acq: 24 Nov 2015 16:19

Tgt Ion:172 Resp: 1966558
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.6 19.9 29.9





#49

Dimethylphthalate

Concen: 4.71 ng

RT: 9.38 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

Instrument :

BNA_F

ClientSampleId :

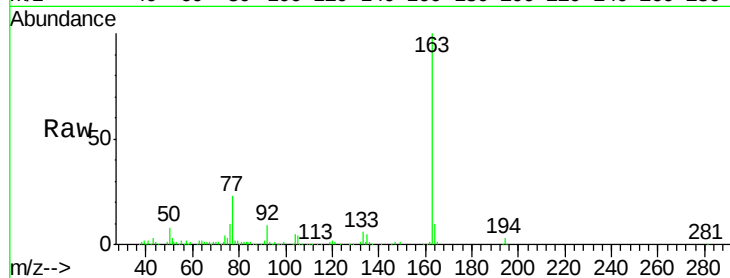
Tot Ion:163 Resp: 117461

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

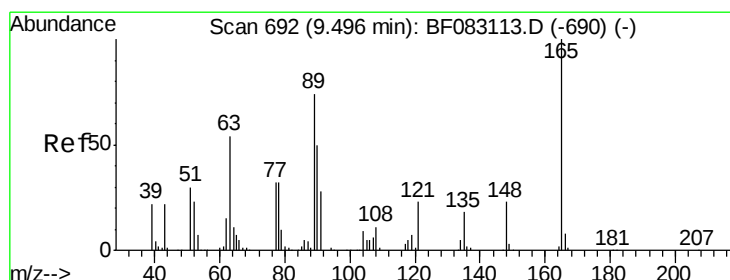
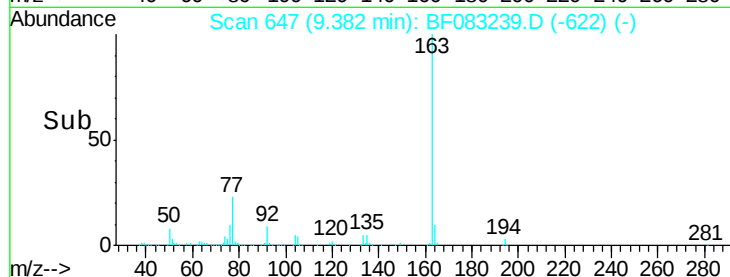
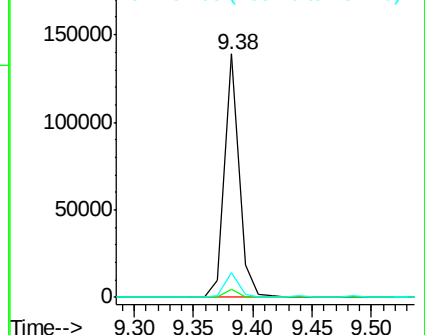
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.69 ng

RT: 9.64 min Scan# 670

Delta R.T. 0.19 min

Lab File: BF083239.D

Acq: 24 Nov 2015 16:19

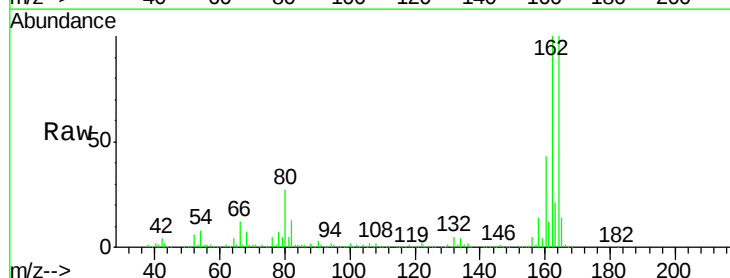
Tgt Ion:165 Resp: 43039

Ion Ratio Lower Upper

165 100

63 2.0 62.5 93.7#

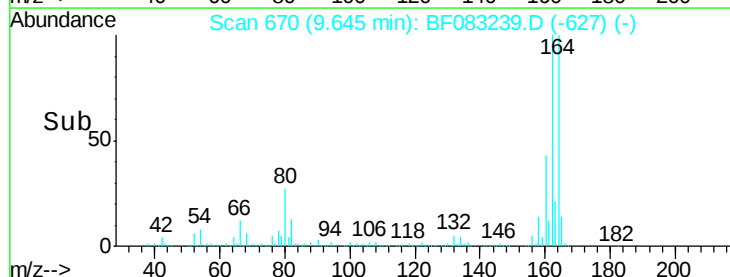
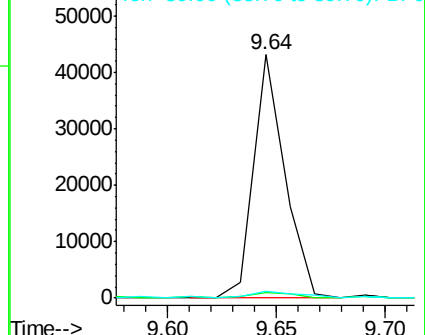
89 2.6 59.1 88.7#

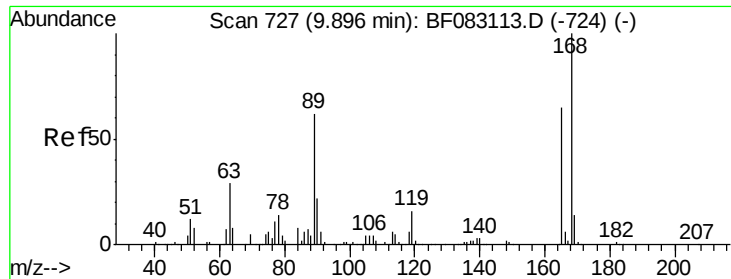


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

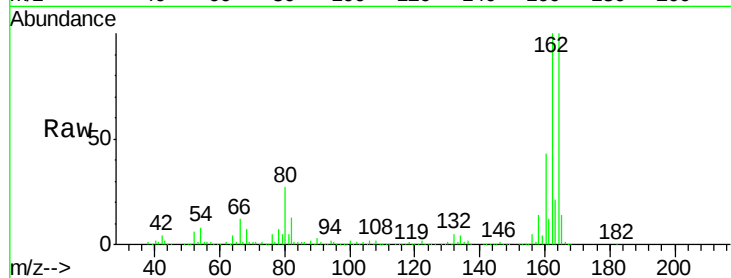




#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF083239.D
Acq: 24 Nov 2015 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	54.5	81.7#
89	2.6	77.3	115.9#
182	1.4	1.8	2.6#

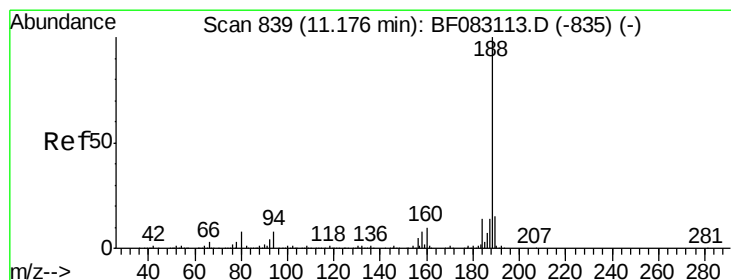
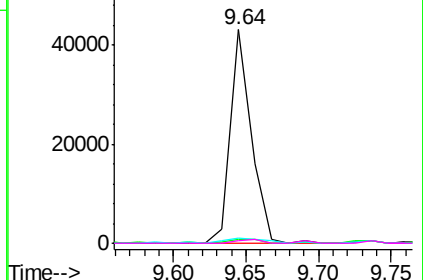
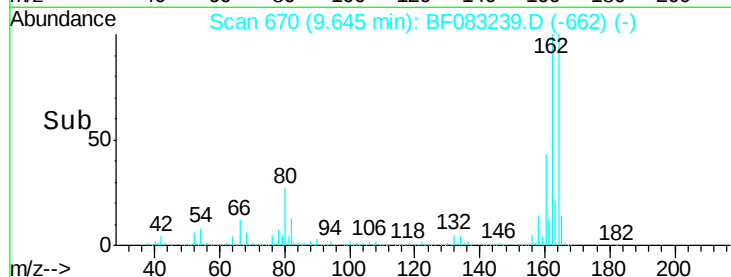


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

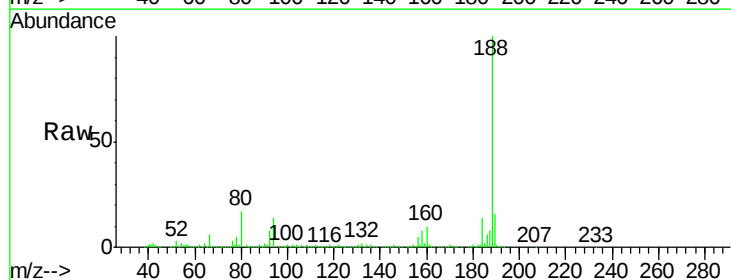
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083239.D
Acq: 24 Nov 2015 16:19

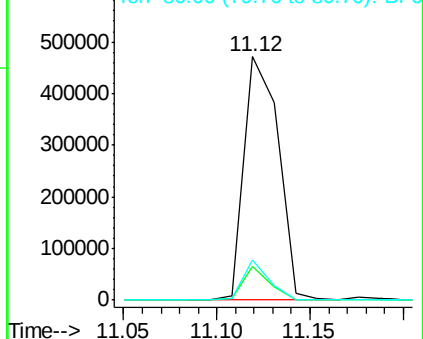
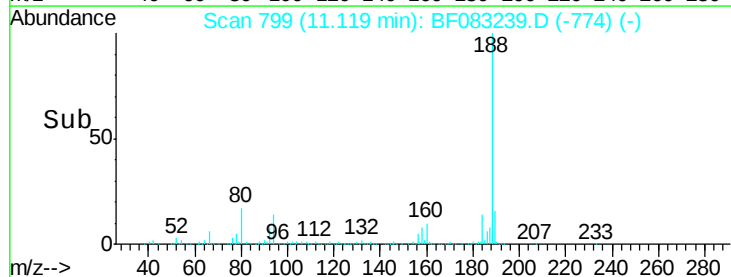
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.0	9.0#
80	16.7	6.7	10.1#

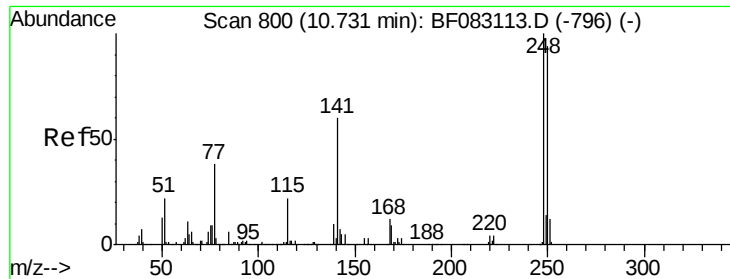


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

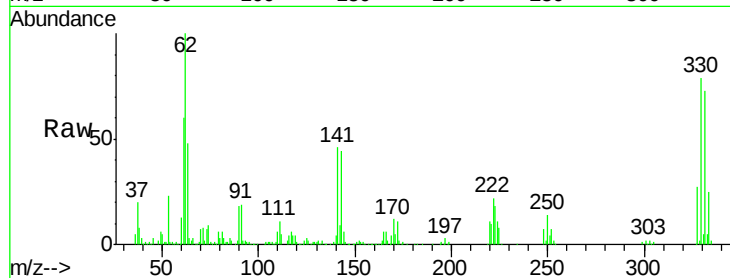




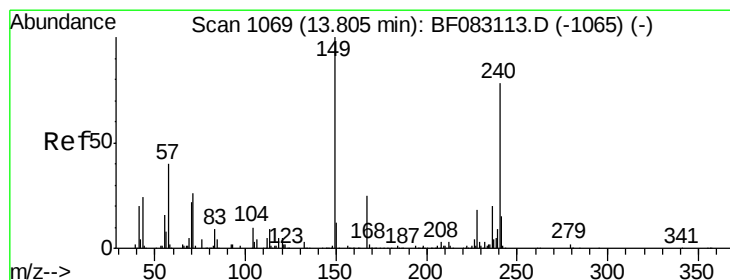
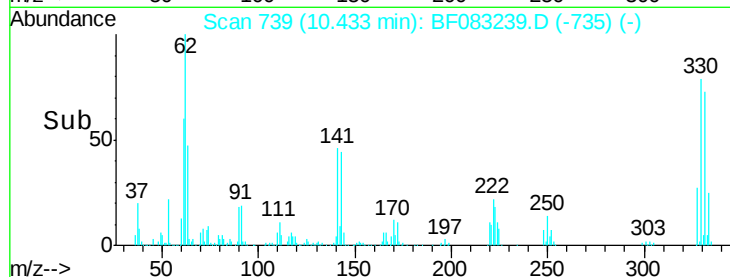
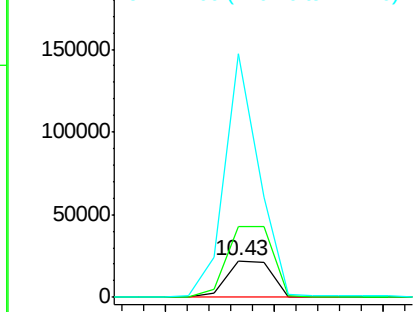
#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF083239.D
Acq: 24 Nov 2015 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 32287
Ion Ratio Lower Upper
248 100
250 194.1 75.4 113.2#
141 665.8 48.1 72.1#

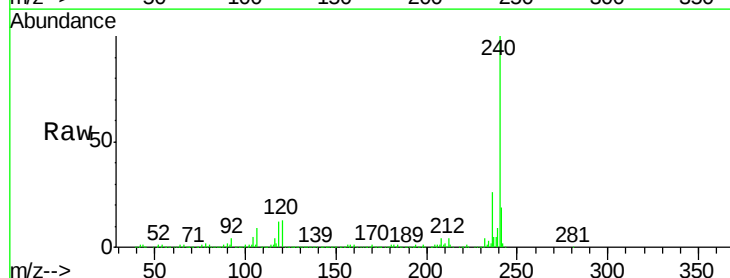


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

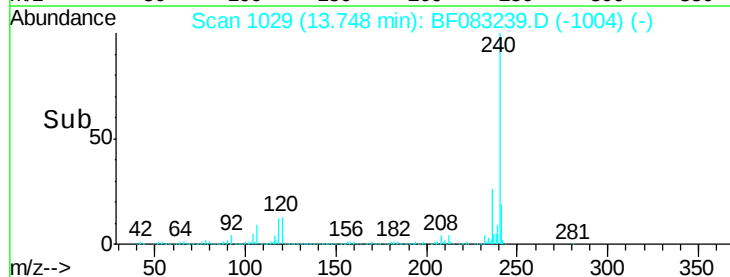
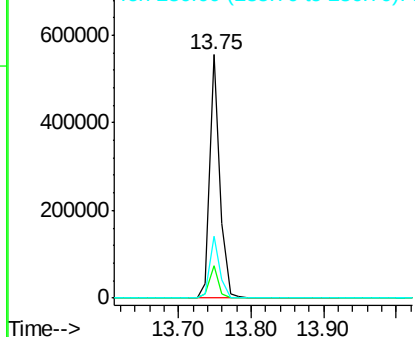


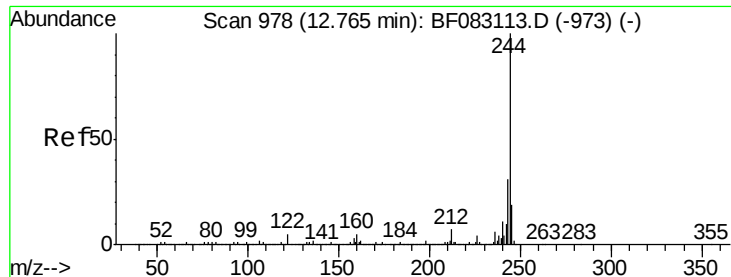
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083239.D
Acq: 24 Nov 2015 16:19

Tgt Ion:240 Resp: 534962
Ion Ratio Lower Upper
240 100
120 13.2 5.4 8.2#
236 25.6 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

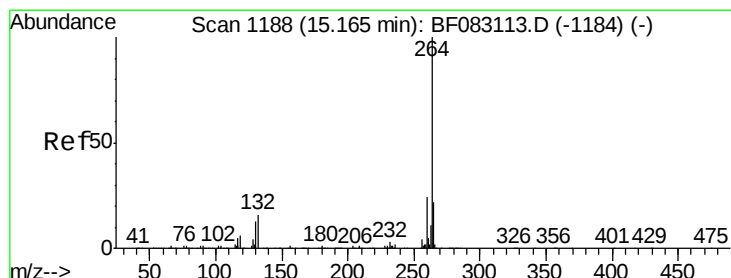
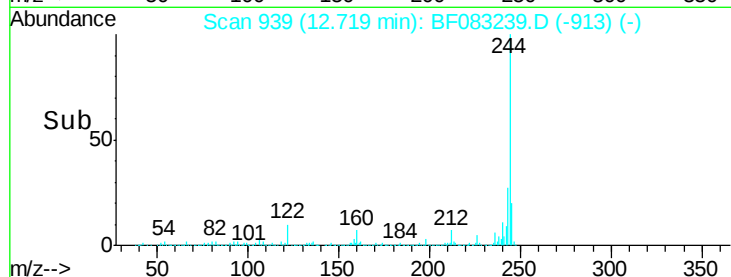
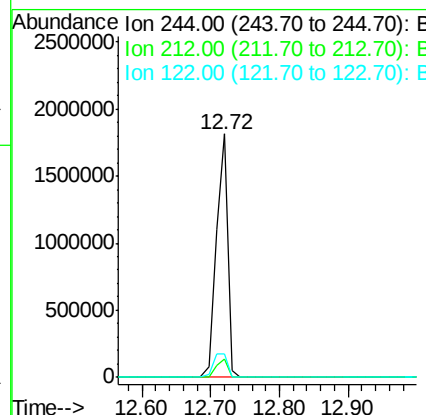
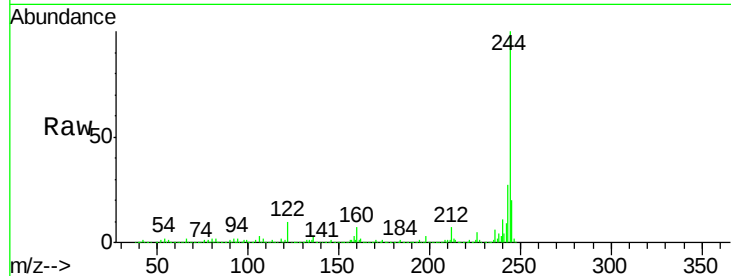




#78
 Terphenyl-d14
 Concen: 92.47 ng
 RT: 12.72 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF083239.D
 Acq: 24 Nov 2015 16:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2100734
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.8 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF083239.D
 Acq: 24 Nov 2015 16:19

Tgt Ion:264 Resp: 403058
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.8 18.2 27.4

