

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083792.D
 Acq On : 15 Dec 2015 2:08
 Operator : UM/IZ
 Sample : G4779-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Quant Time: Dec 15 03:19:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

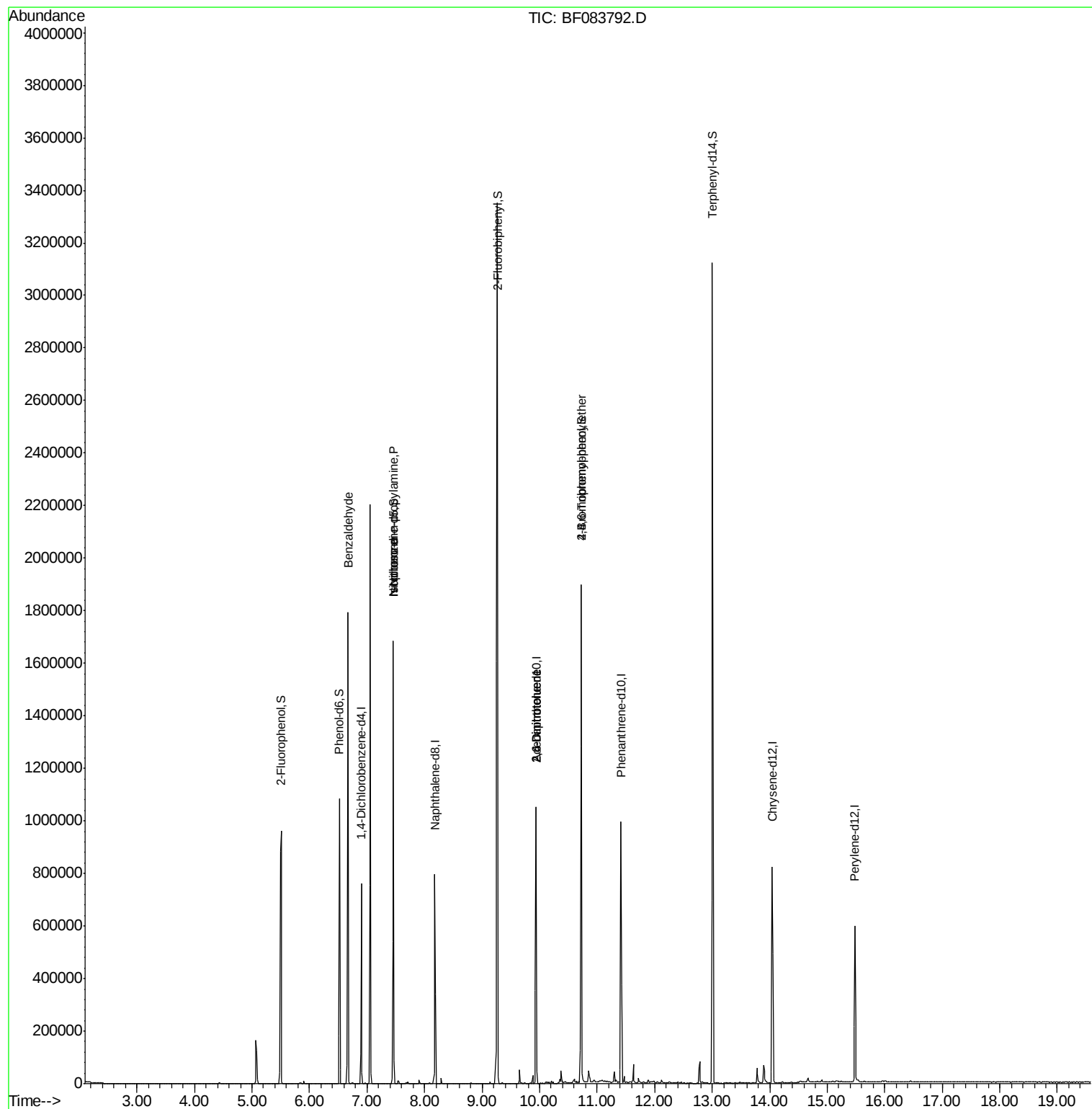
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	108802	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	411220	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	215548	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	381976	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	335968	20.00	ng	-0.03
86) Perylene-d12	15.48	264	267679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	405556	60.13	ng	-0.02
7) Phenol-d6	6.52	99	340611	39.88	ng	-0.02
23) Nitrobenzene-d5	7.46	82	557391	75.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	313640	142.80	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1181514	78.46	ng	-0.02
78) Terphenyl-d14	13.00	244	1237645	79.24	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	14807	3.23	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.46	70	77046	14.73	ng	# 71
25) Isophorone	7.46	82	552876	38.34	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	27873	7.82	ng	# 18
56) 2,4-Dinitrotoluene	9.94	165	27868	5.98	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	21399	5.01	ng	# 1

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

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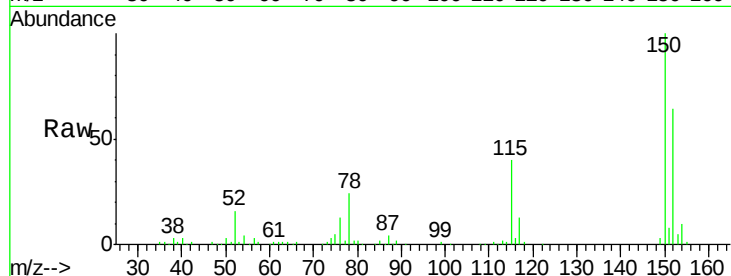




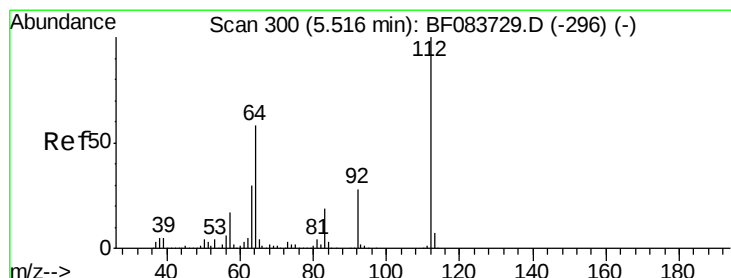
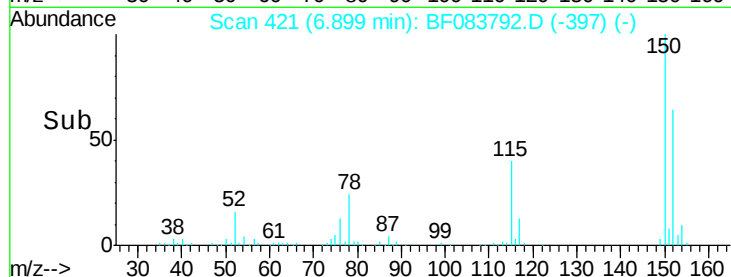
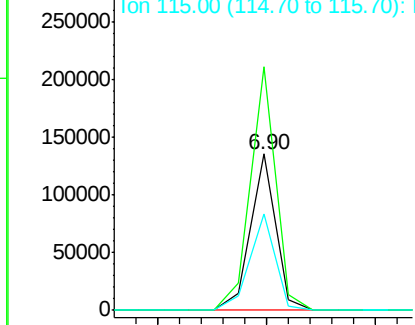
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tgt Ion:152 Resp: 108802
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.5 189.7
 115 61.8 52.3 78.5

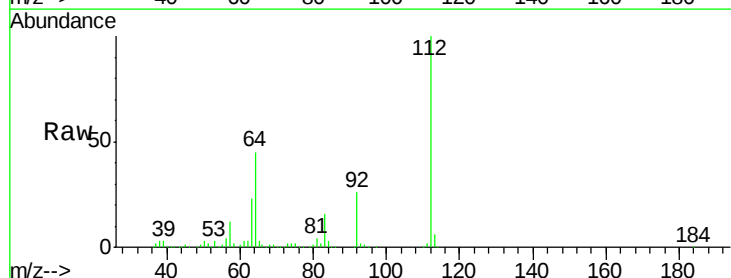


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

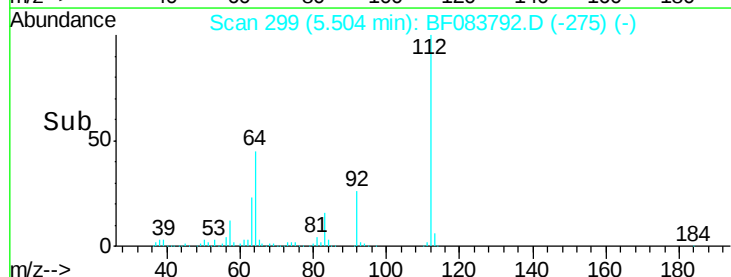
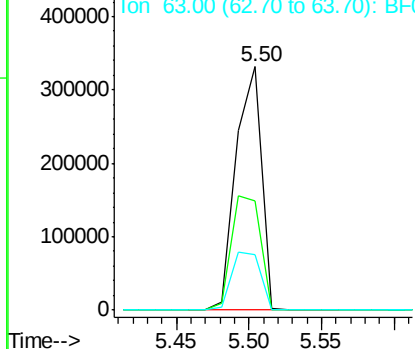


#5
 2-Fluorophenol
 Concen: 60.13 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Tgt Ion:112 Resp: 405556
 Ion Ratio Lower Upper
 112 100
 64 44.7 50.5 75.7#
 63 23.0 25.8 38.6#



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: 39.88 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083792.D

Acq: 15 Dec 2015 2:08

Instrument :

BNA_F

ClientSampled :

W-32

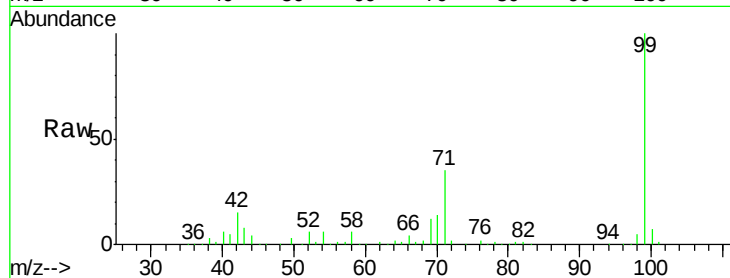
Tgt Ion: 99 Resp: 340611

Ion Ratio Lower Upper

99 100

42 15.2 17.3 25.9#

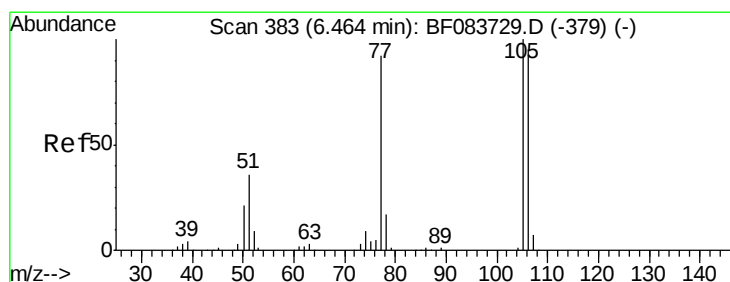
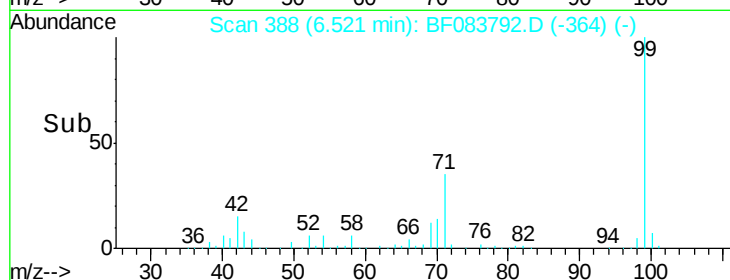
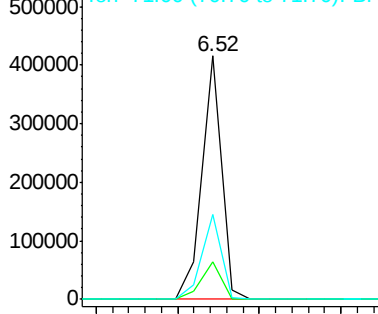
71 34.7 26.6 40.0



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: 3.23 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083792.D

Acq: 15 Dec 2015 2:08

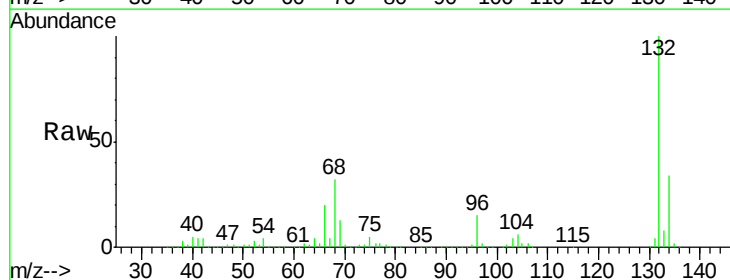
Tgt Ion: 77 Resp: 14807

Ion Ratio Lower Upper

77 100

105 91.7 71.8 111.8

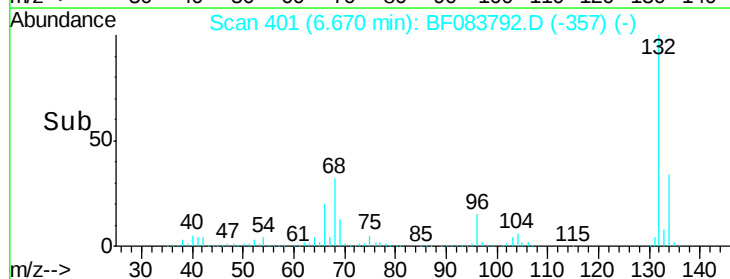
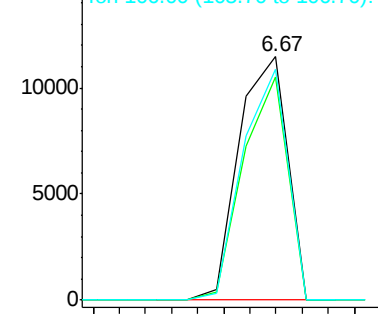
106 94.7 66.8 106.8

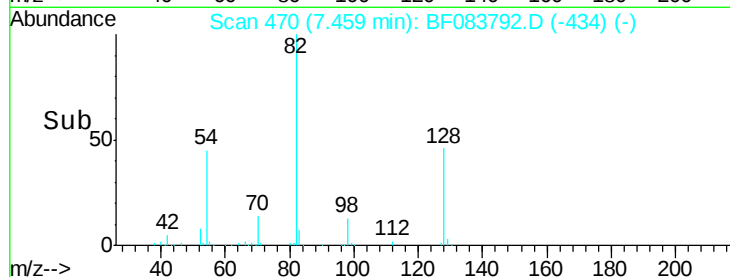
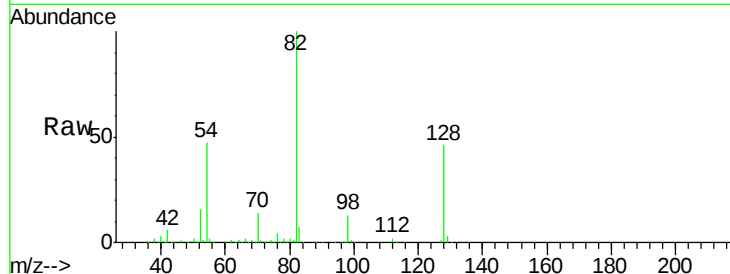
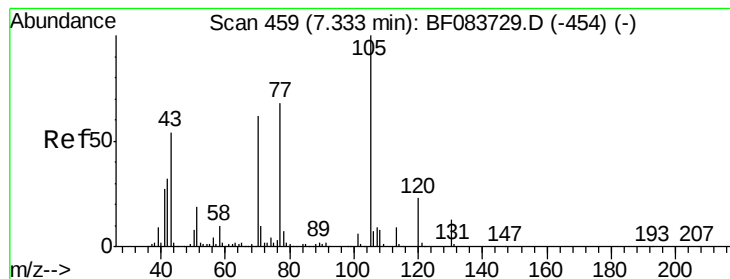


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.73 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083792.D

Acq: 15 Dec 2015 2:08

Instrument :

BNA_F

ClientSampleId :

W-32

Tgt Ion: 70 Resp: 77046

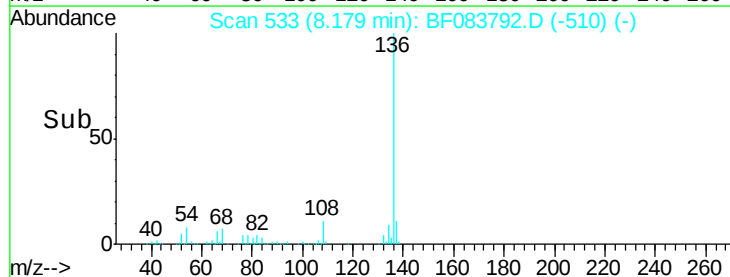
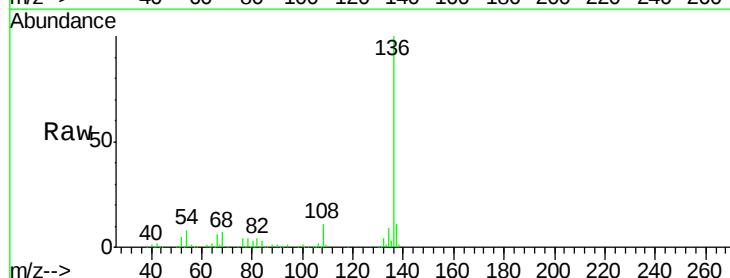
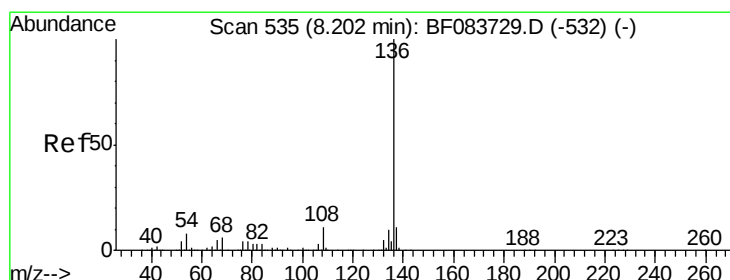
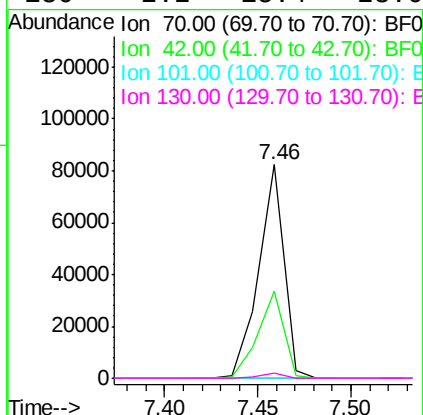
Ion Ratio Lower Upper

70 100

42 41.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083792.D

Acq: 15 Dec 2015 2:08

Tgt Ion: 136 Resp: 411220

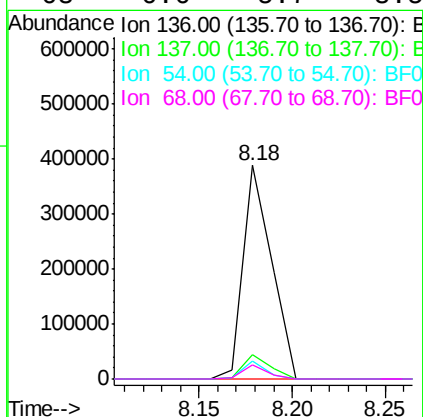
Ion Ratio Lower Upper

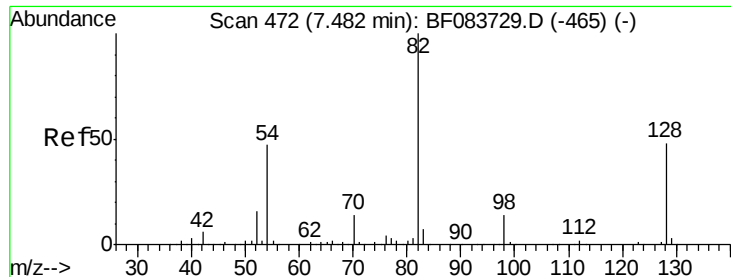
136 100

137 11.3 8.7 13.1

54 8.1 7.8 11.6

68 6.6 5.7 8.5

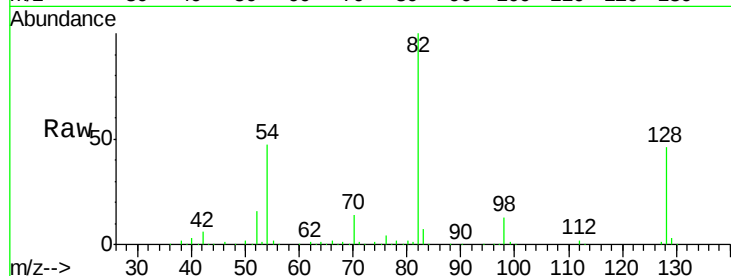




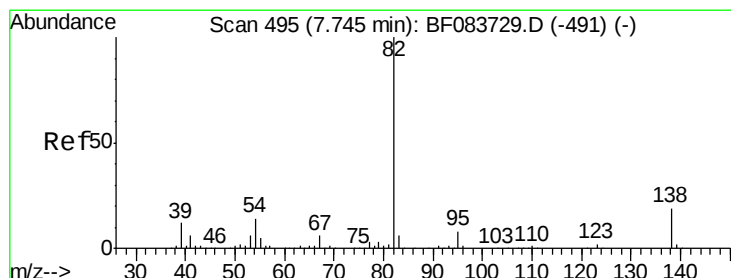
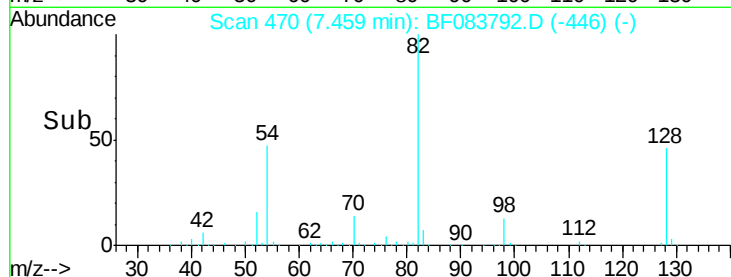
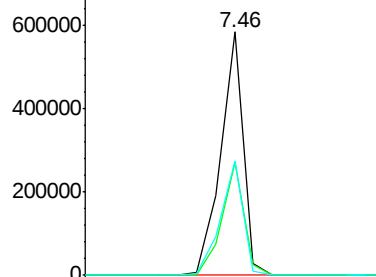
#23
 Nitrobenzene-d5
 Concen: 75.83 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Instrument :
 BNA_F
 ClientSampled :
 W-32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	30.7	46.1#
54	47.2	42.5	63.7

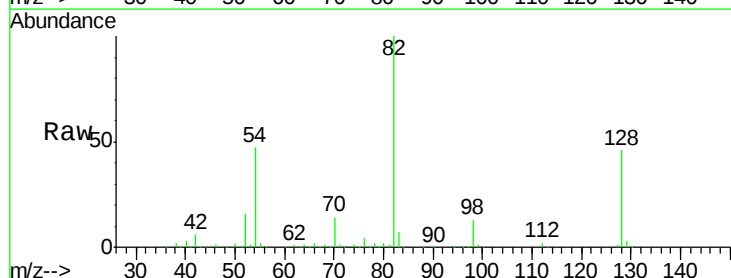


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

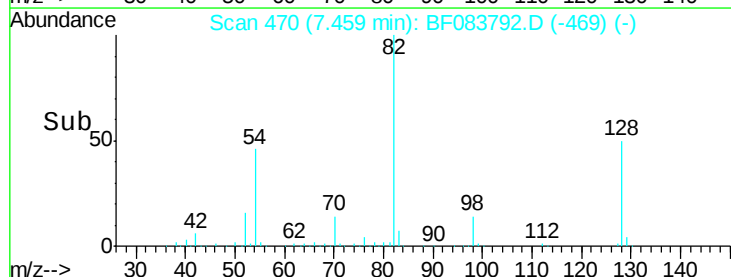
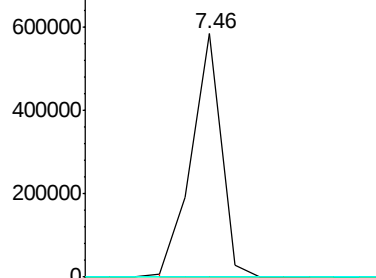


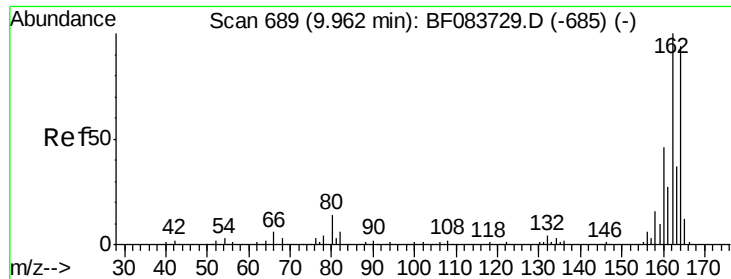
#25
 Isophorone
 Concen: 38.34 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



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

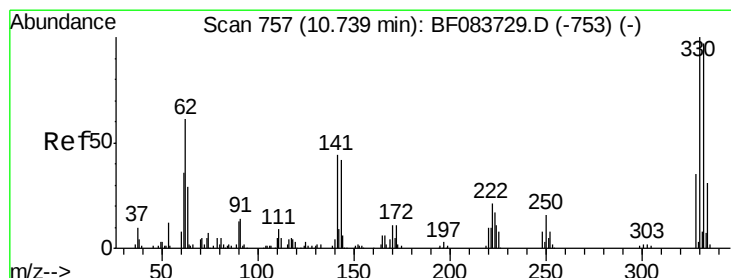
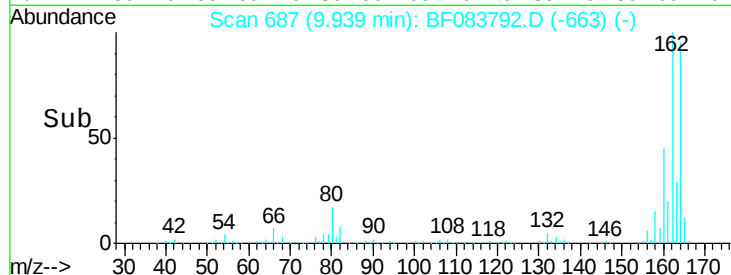
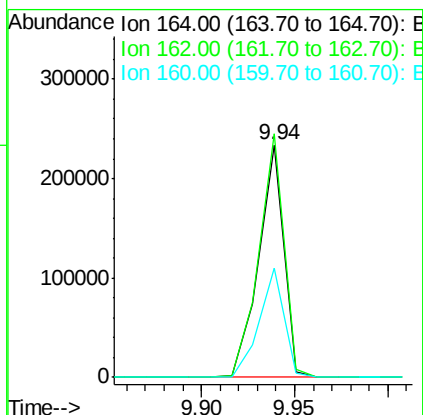
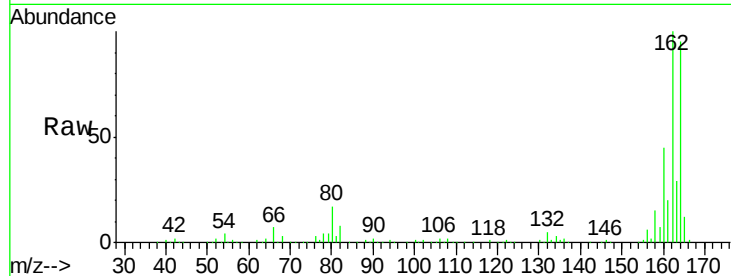




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

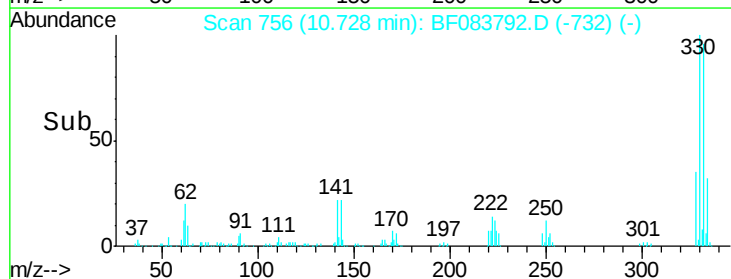
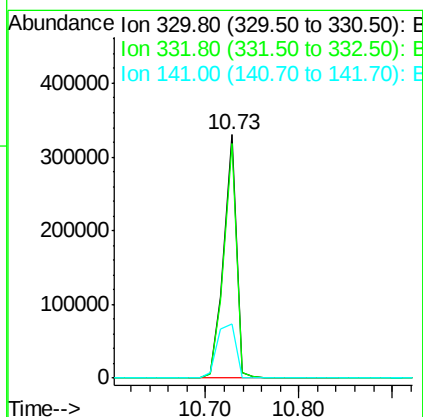
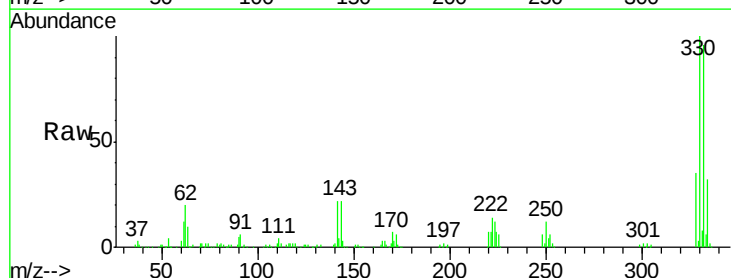
Instrument :
 BNA_F
 ClientSampleId :
 W-32

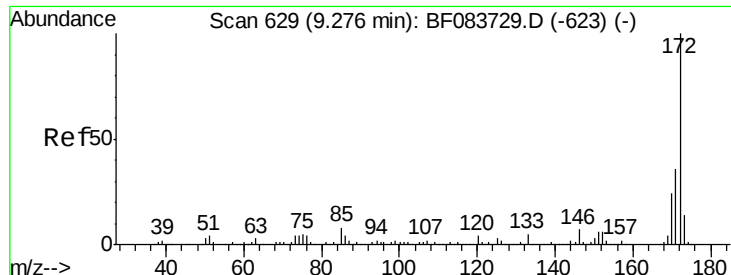
Tgt Ion:164 Resp: 21548
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 47.1 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 142.80 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Tgt Ion:330 Resp: 313640
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 32.7 0.0 0.0#

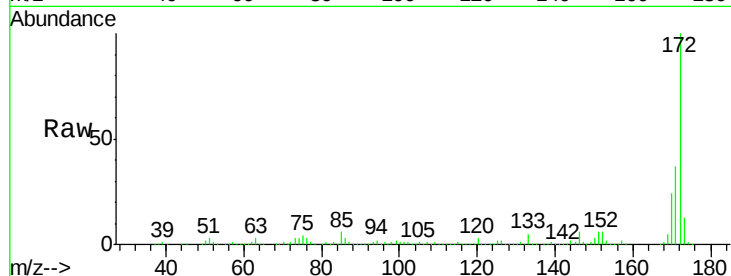




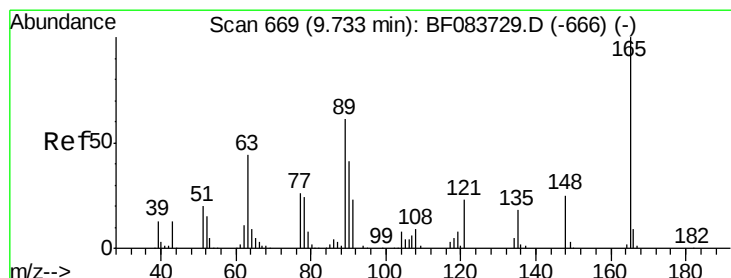
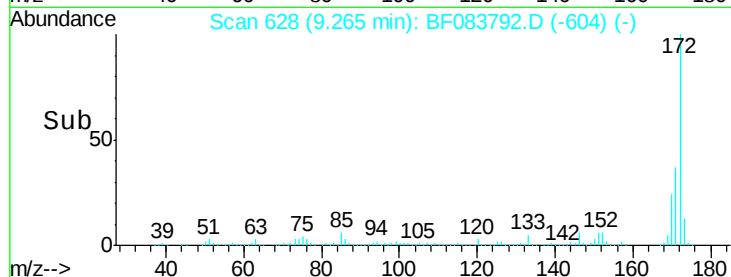
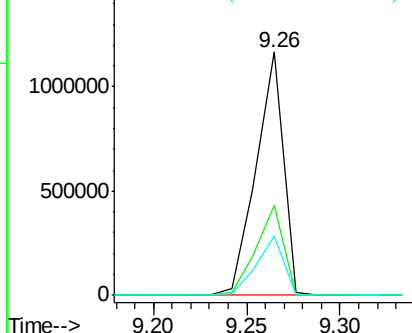
#44
 2-Fluorobiphenyl
 Concen: 78.46 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tgt Ion:172 Resp: 1181514
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 42.8
 170 24.5 19.4 29.0

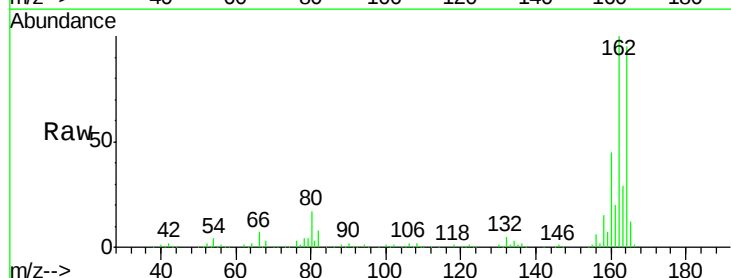


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

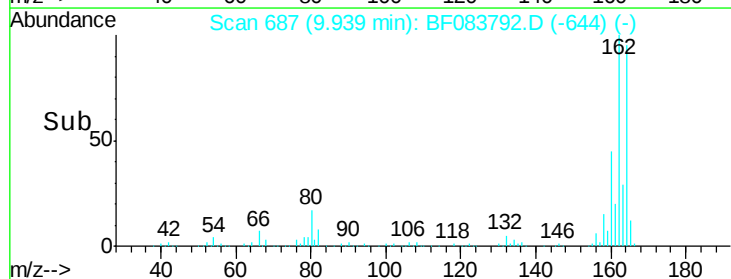
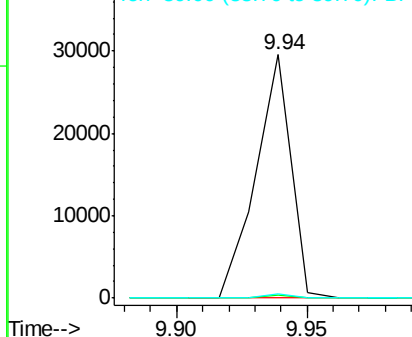


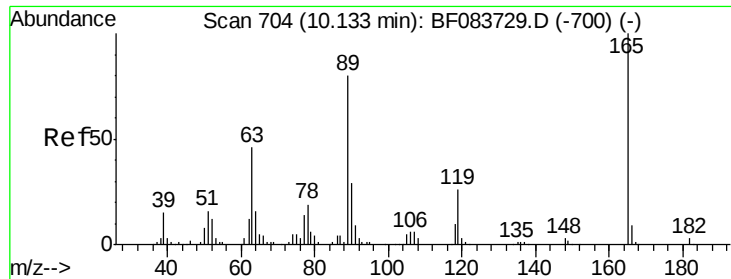
#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Tgt Ion:165 Resp: 27873
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.8 52.1 78.1#



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

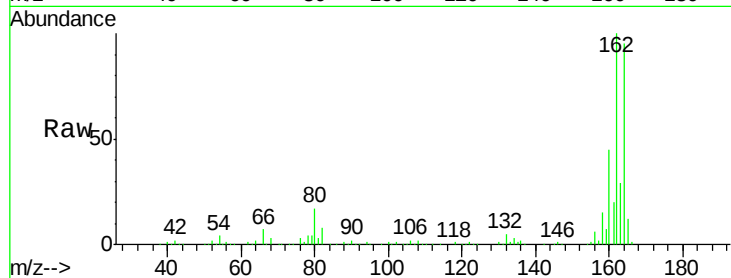




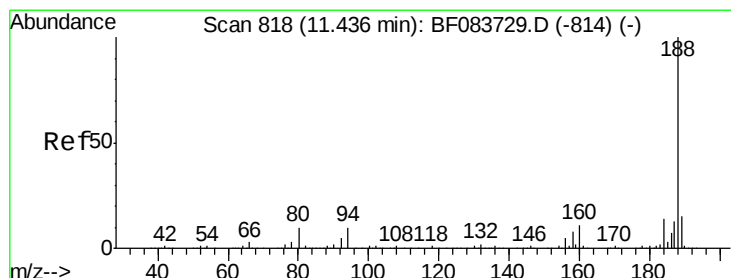
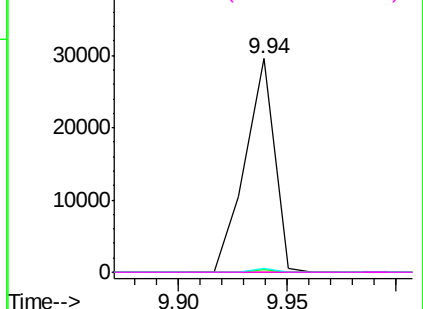
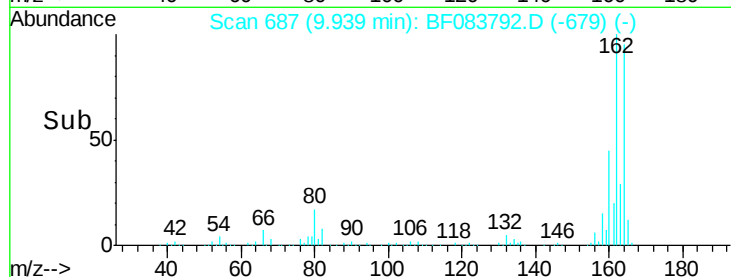
#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083792.D
Acq: 15 Dec 2015 2:08

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:165 Resp: 27868
Ion Ratio Lower Upper
165 100
63 1.2 51.4 77.2#
89 1.8 72.6 108.8#
182 0.0 1.4 2.0#

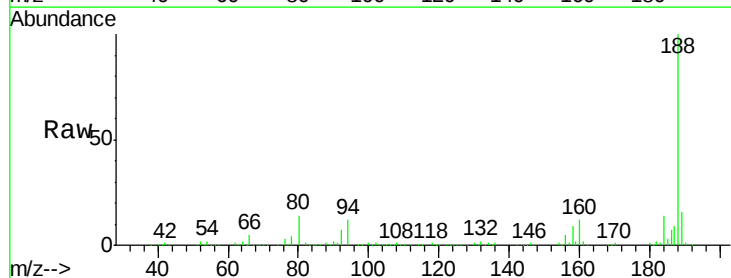


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

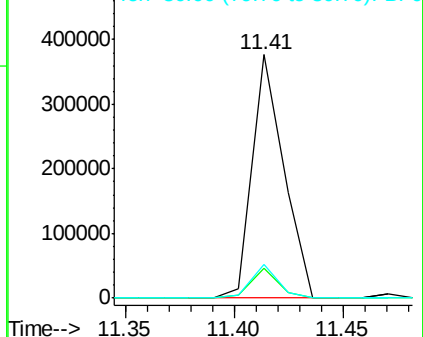
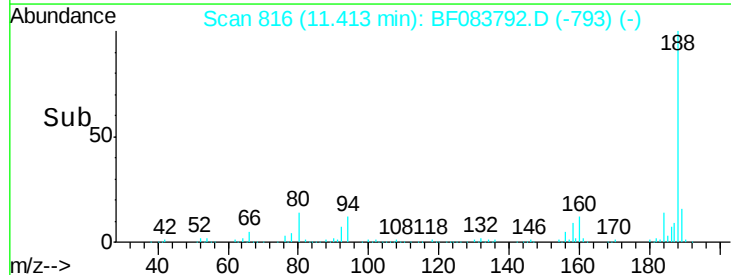


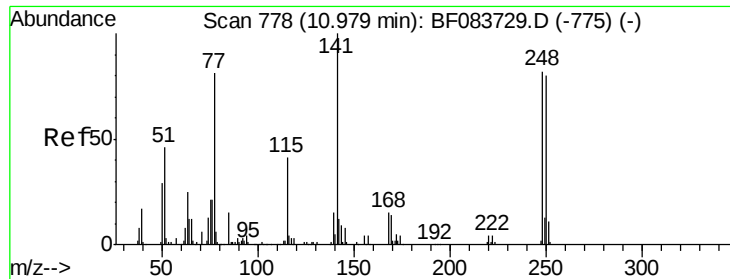
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083792.D
Acq: 15 Dec 2015 2:08

Tgt Ion:188 Resp: 381976
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.7 10.6 16.0



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

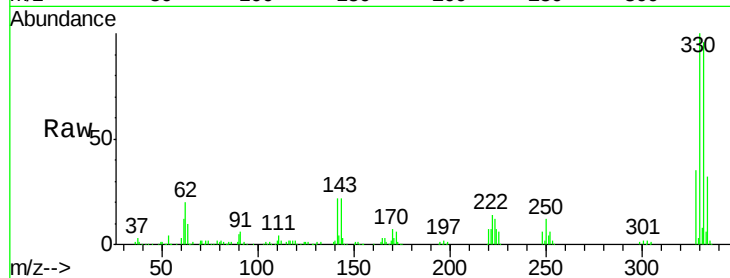




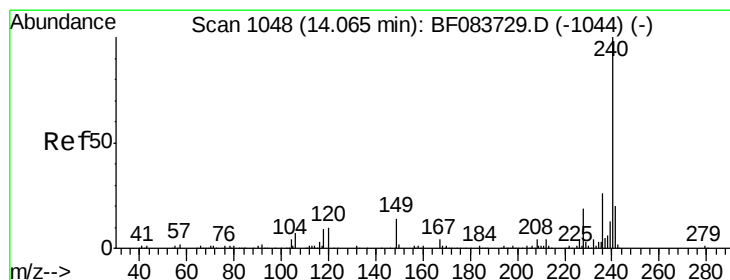
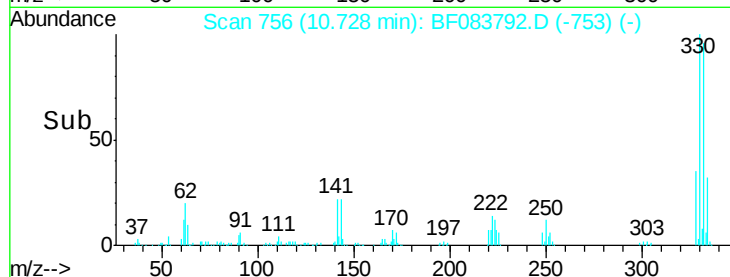
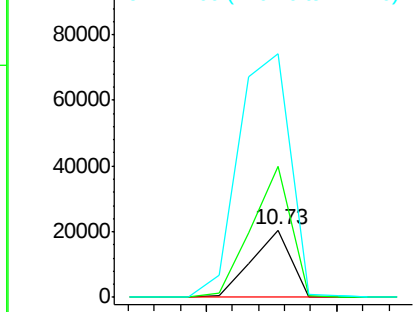
#66
4-Bromophenyl-phenylether
Concen: 5.01 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083792.D
Acq: 15 Dec 2015 2:08

Instrument :
BNA_F
ClientSampleId :
W-32

Tgt Ion:248 Resp: 21399
Ion Ratio Lower Upper
248 100
250 194.0 79.2 118.8#
141 361.3 58.2 87.4#

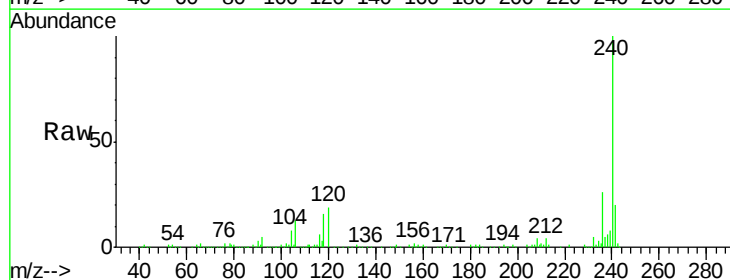


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

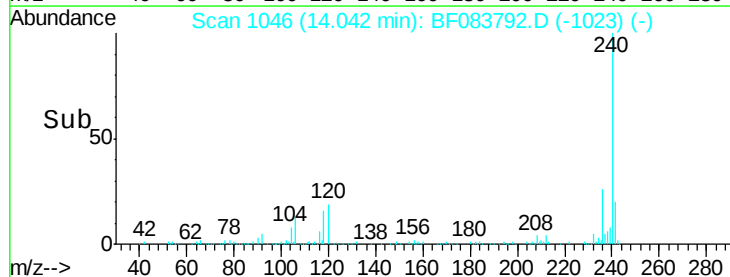
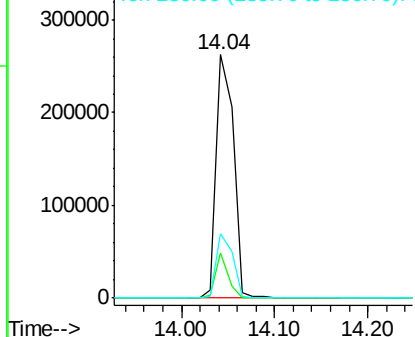


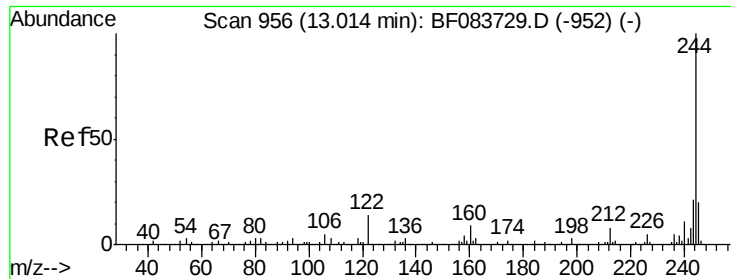
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083792.D
Acq: 15 Dec 2015 2:08

Tgt Ion:240 Resp: 335968
Ion Ratio Lower Upper
240 100
120 18.7 8.1 12.1#
236 26.3 20.8 31.2



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

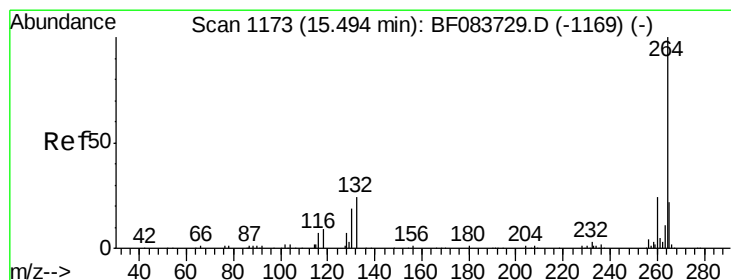
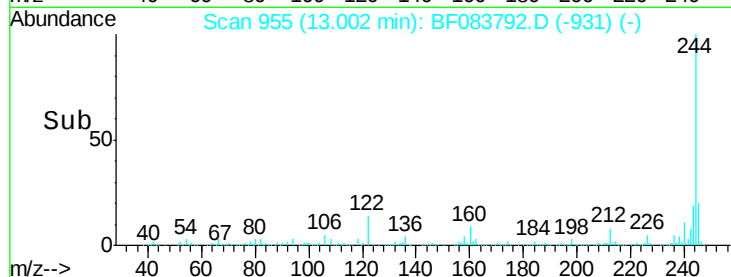
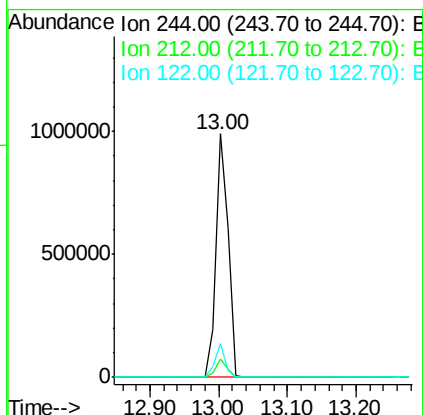
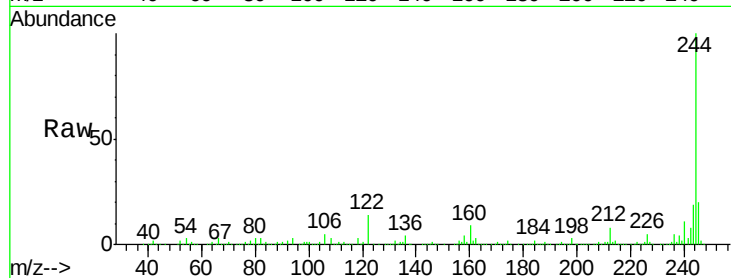




#78
 Terphenyl-d14
 Concen: 79.24 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Tgt Ion:244 Resp: 1237645
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.1 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083792.D
 Acq: 15 Dec 2015 2:08

Tgt Ion:264 Resp: 267679
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.1 17.8 26.6

