

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083832.D
 Acq On : 15 Dec 2015 23:59
 Operator : UM/IZ
 Sample : G4782-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

Quant Time: Dec 16 04:30:29 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

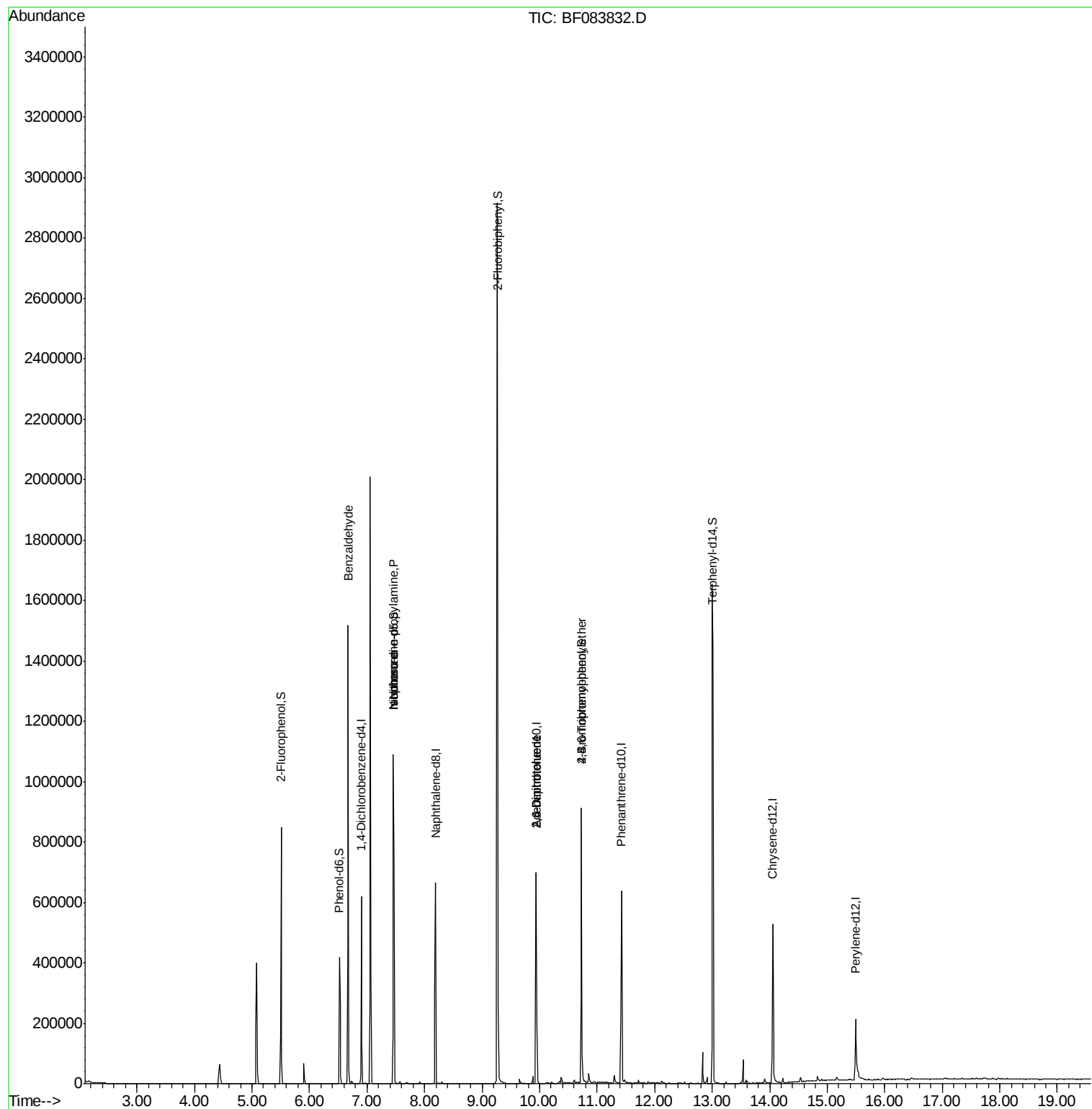
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	90341	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	353324	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	146675	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	252617	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	204260	20.00	ng	-0.02
86) Perylene-d12	15.49	264	141101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	225584	40.28	ng	-0.02
7) Phenol-d6	6.52	99	181745	25.63	ng	-0.02
23) Nitrobenzene-d5	7.46	82	491563	77.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	119785	80.15	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	913909	94.58	ng	-0.02
78) Terphenyl-d14	13.01	244	766587	80.73	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	9061	2.38	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	64544	14.86	ng	# 72
25) Isophorone	7.46	82	448433	36.19	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	18277	7.53	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	18277	5.76	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	7911	2.80	ng	# 1

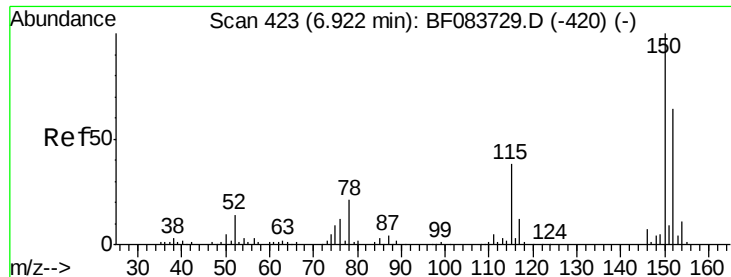
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-B

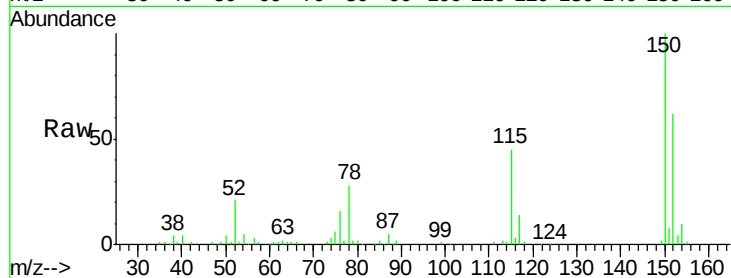
Tgt Ion:152 Resp: 90341

Ion Ratio Lower Upper

152 100

150 160.6 126.5 189.7

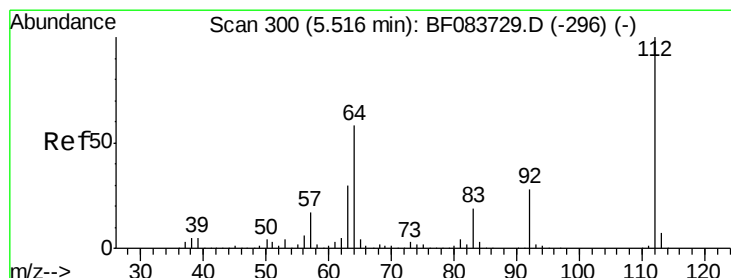
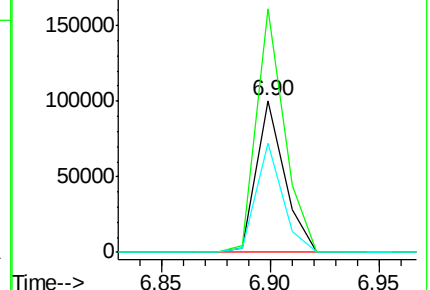
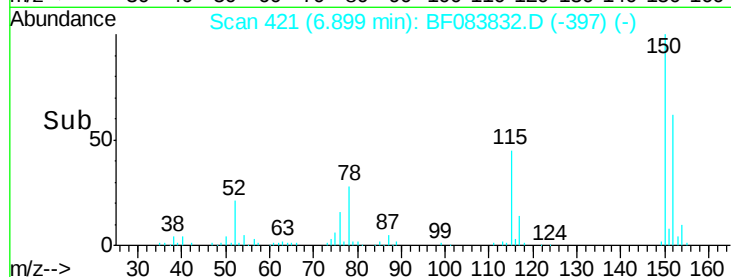
115 72.0 52.3 78.5



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: 40.28 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

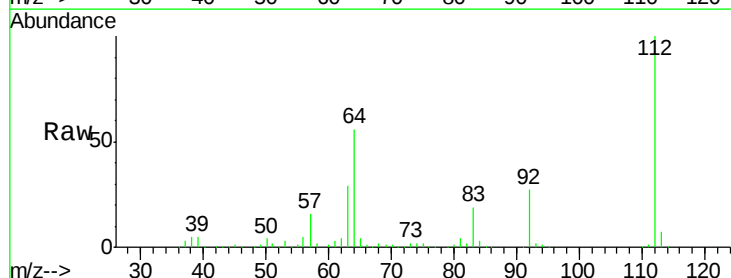
Tgt Ion:112 Resp: 225584

Ion Ratio Lower Upper

112 100

64 55.5 50.5 75.7

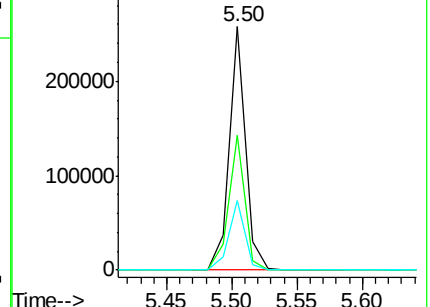
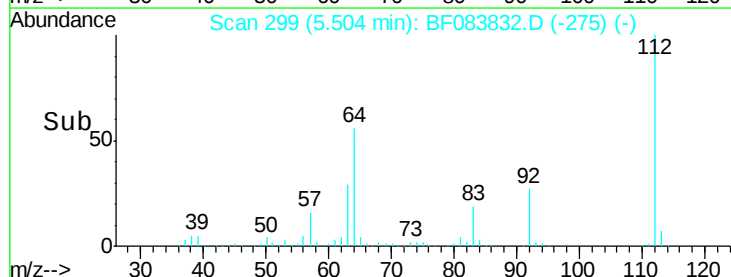
63 28.5 25.8 38.6



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: 25.63 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-B

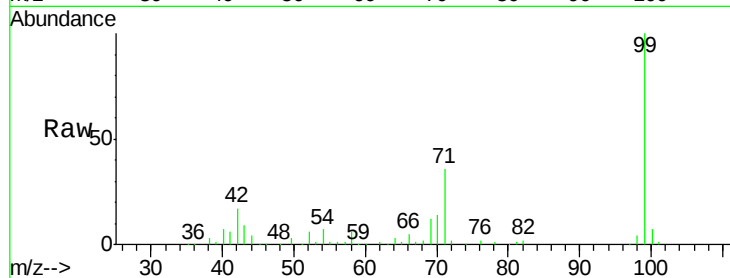
Tgt Ion: 99 Resp: 181745

Ion Ratio Lower Upper

99 100

42 17.0 17.3 25.9#

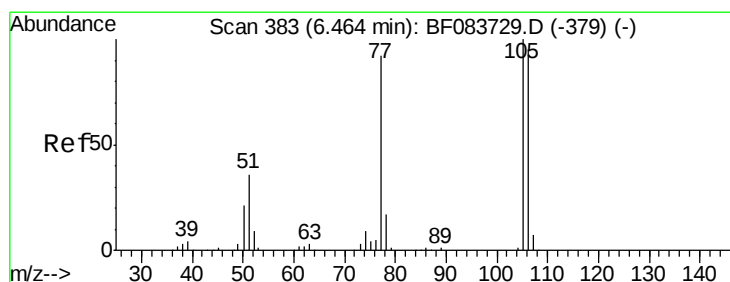
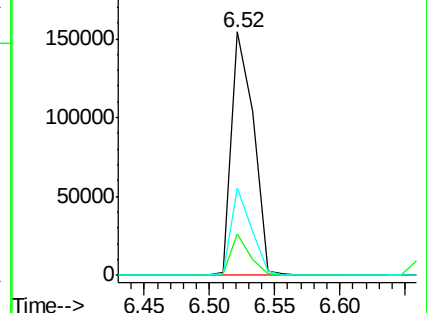
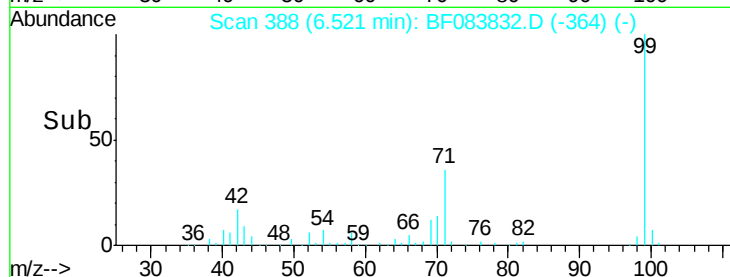
71 35.9 26.6 40.0



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: 2.38 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

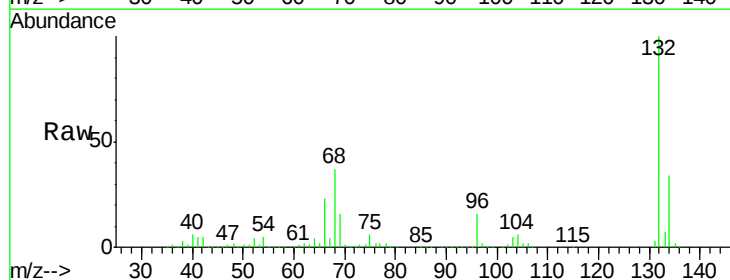
Tgt Ion: 77 Resp: 9061

Ion Ratio Lower Upper

77 100

105 91.2 71.8 111.8

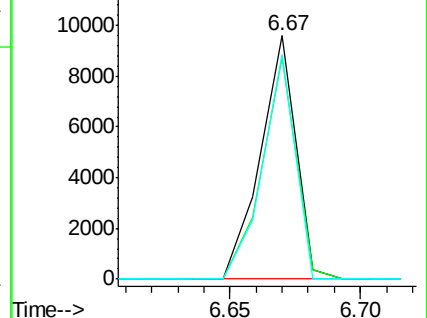
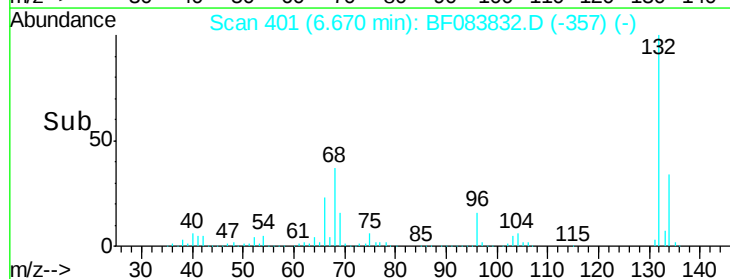
106 92.1 66.8 106.8

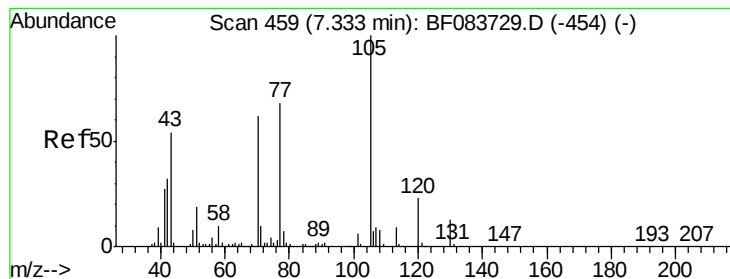


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.86 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-B

Tgt Ion: 70 Resp: 64544

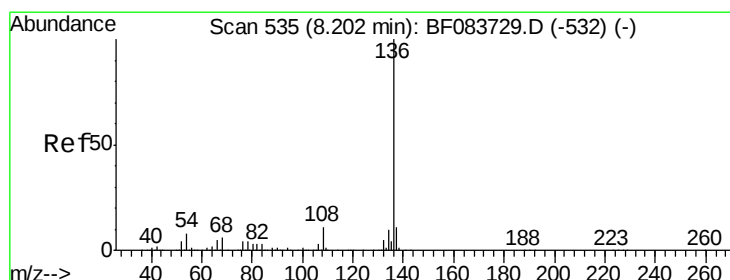
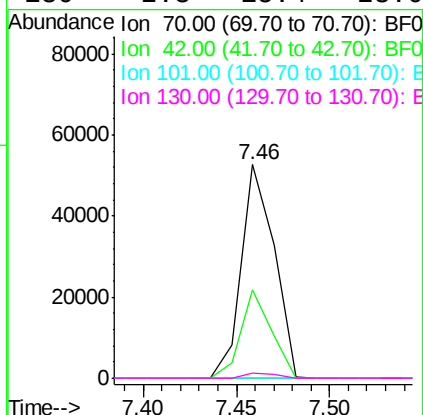
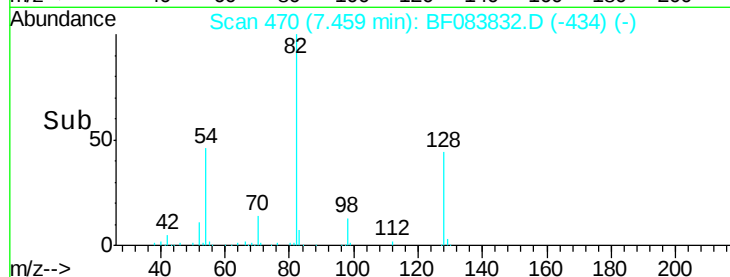
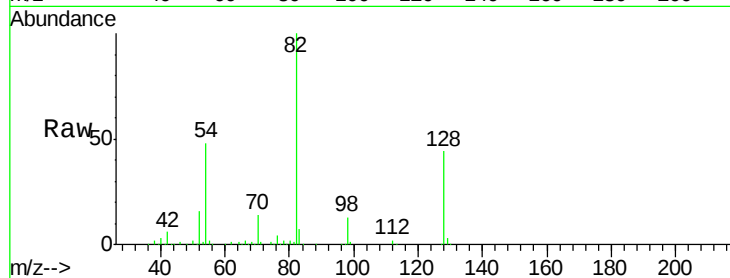
Ion Ratio Lower Upper

70 100

42 41.6 49.2 73.8#

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Tgt Ion: 136 Resp: 353324

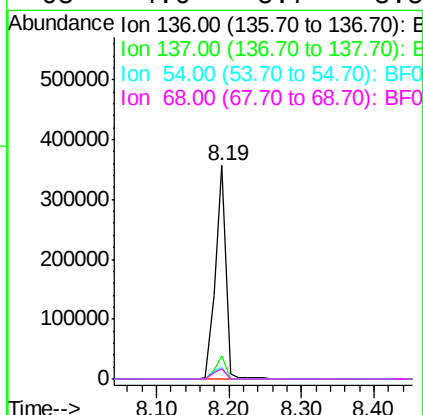
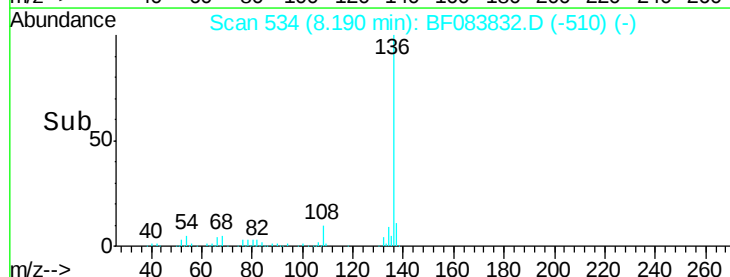
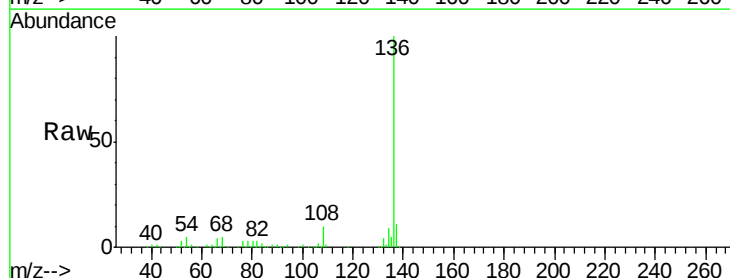
Ion Ratio Lower Upper

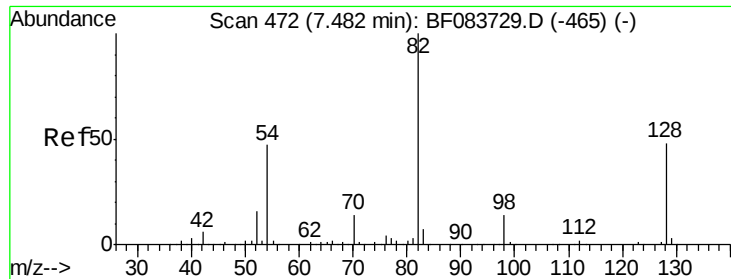
136 100

137 10.7 8.7 13.1

54 5.2 7.8 11.6#

68 4.6 5.7 8.5#

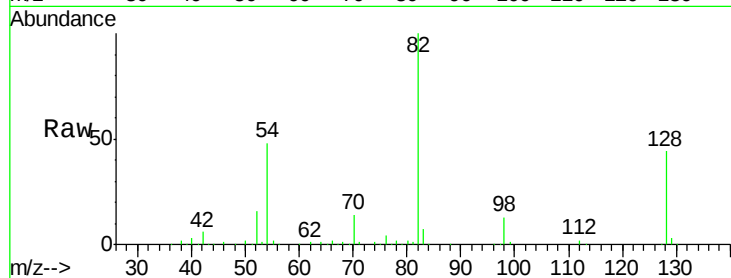




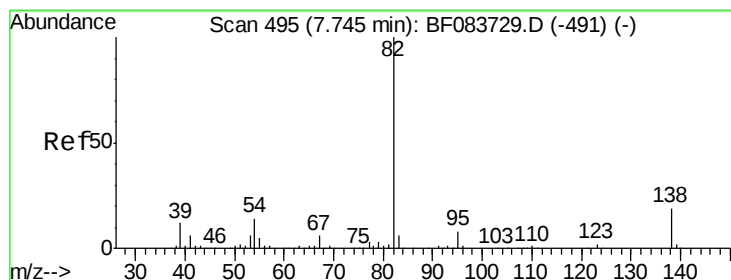
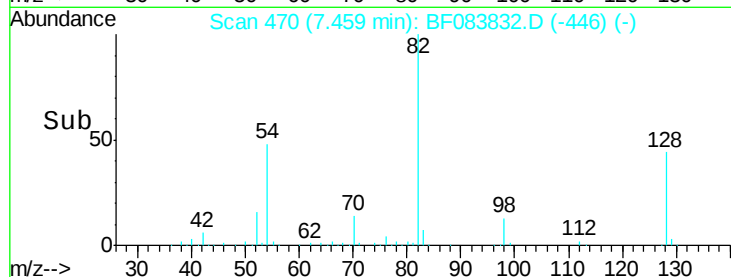
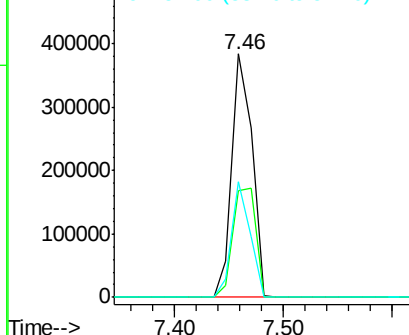
#23
 Nitrobenzene-d5
 Concen: 77.84 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	30.7	46.1
54	47.7	42.5	63.7

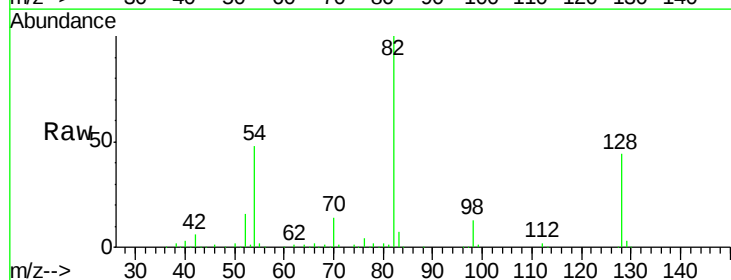


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

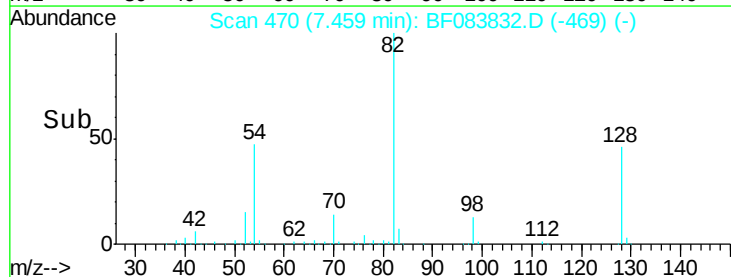
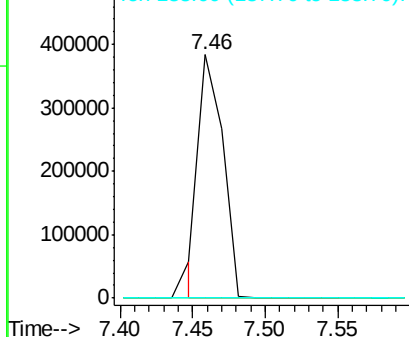


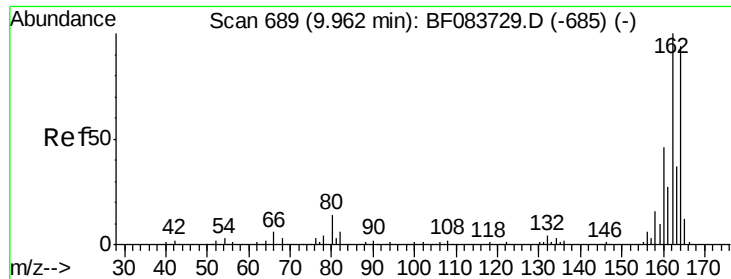
#25
 Isophorone
 Concen: 36.19 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-B

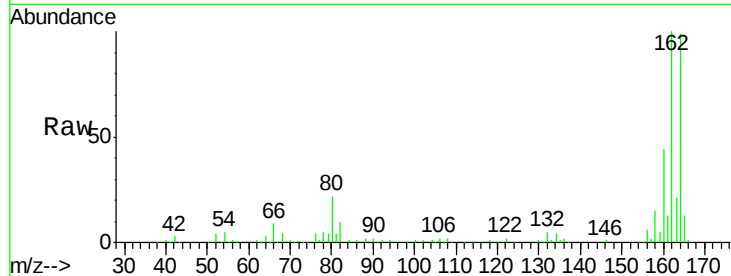
Tgt Ion:164 Resp: 146675

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

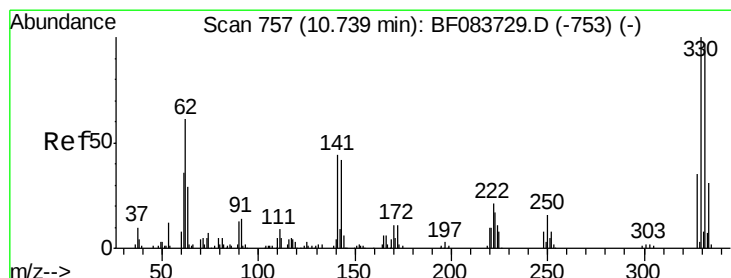
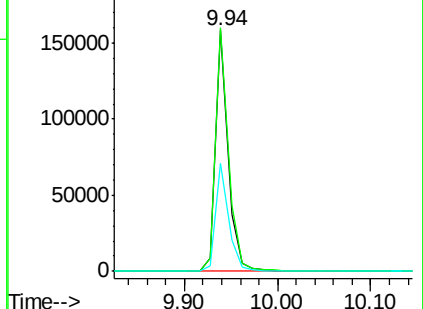
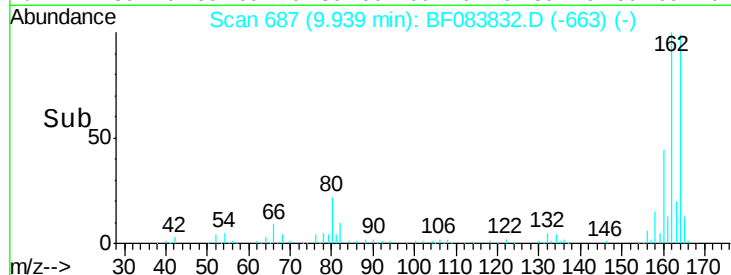
160 45.0 33.4 50.2



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: 80.15 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

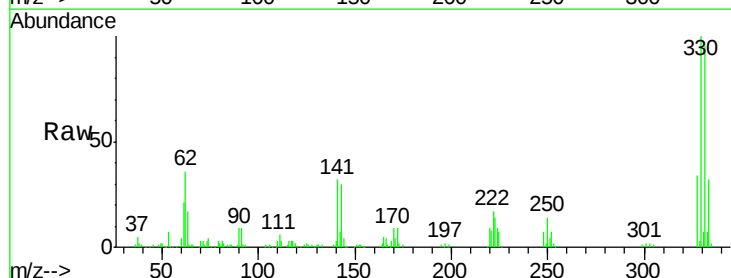
Tgt Ion:330 Resp: 119785

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

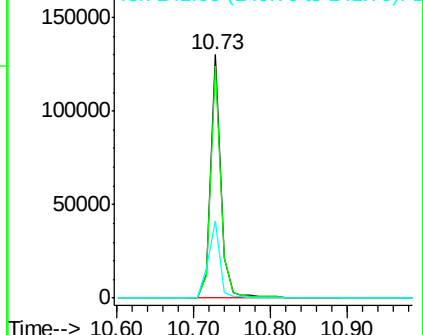
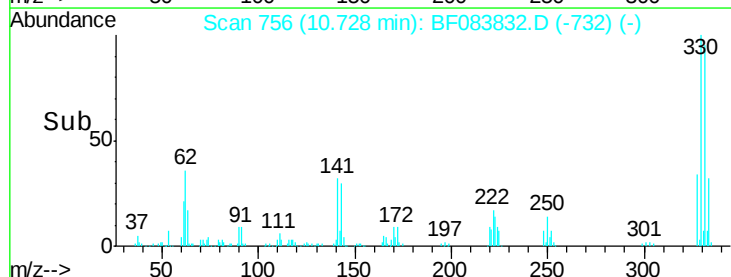
141 36.1 0.0 0.0#

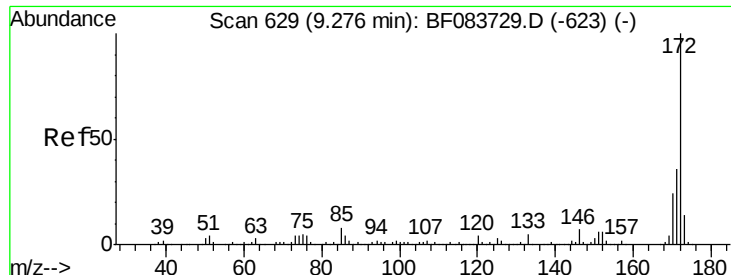


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

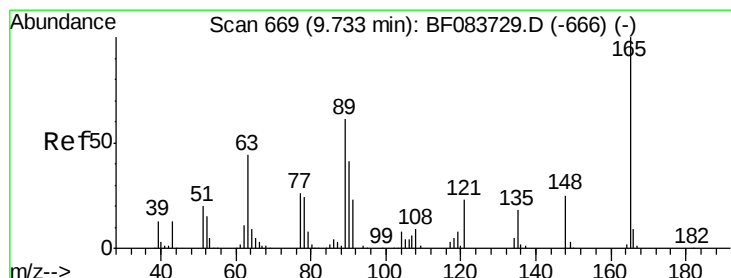
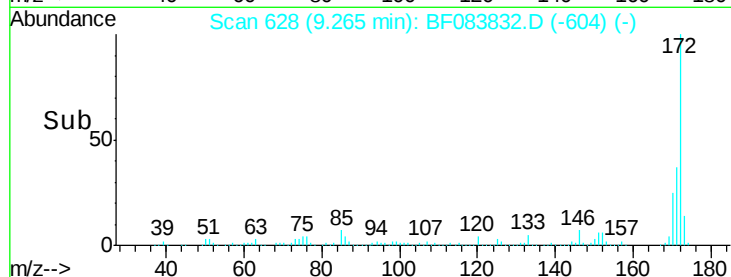
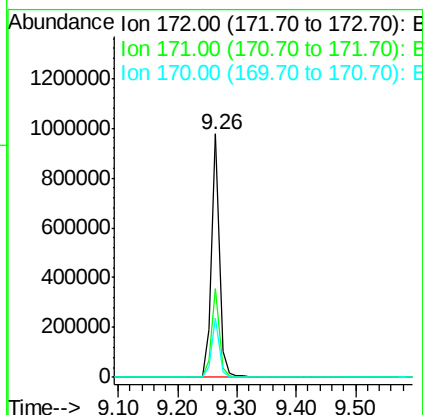
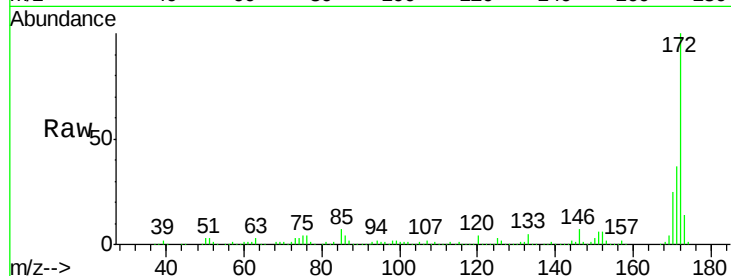




#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

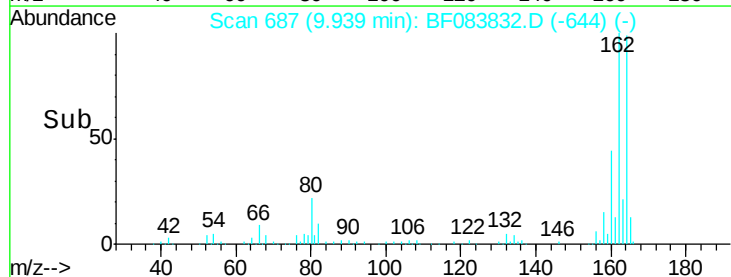
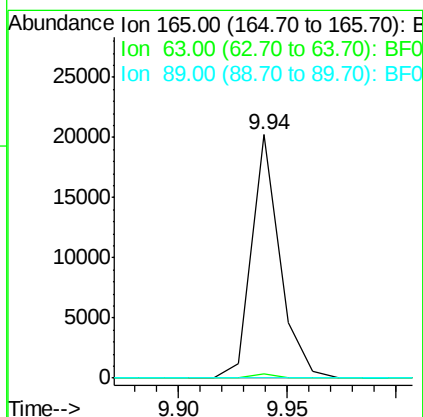
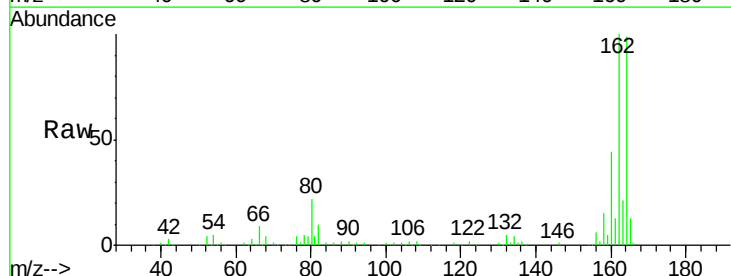
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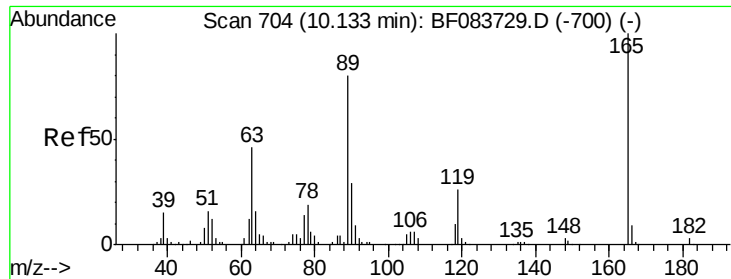
Tgt Ion:172 Resp: 913909
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.5 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion:165 Resp: 18277
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.9 85.3#
 89 0.0 52.1 78.1#

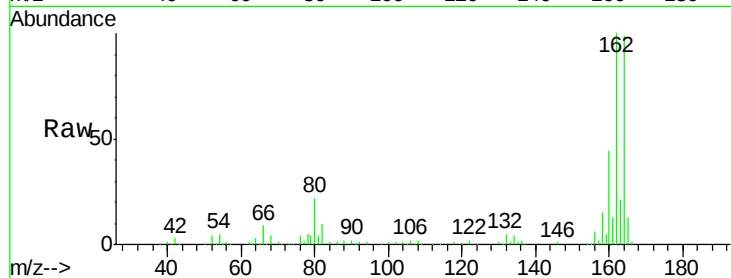




#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.4	77.2#
89	0.0	72.6	108.8#
182	0.0	1.4	2.0#



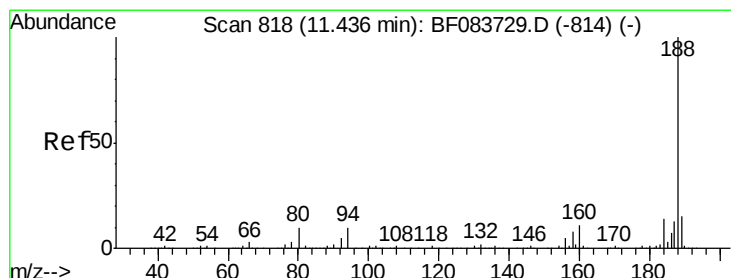
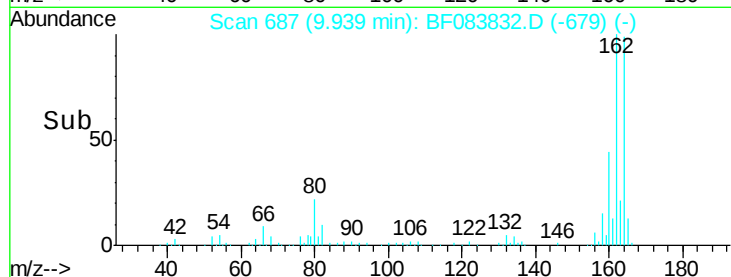
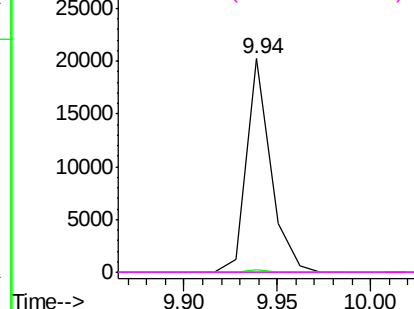
Abundance

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: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

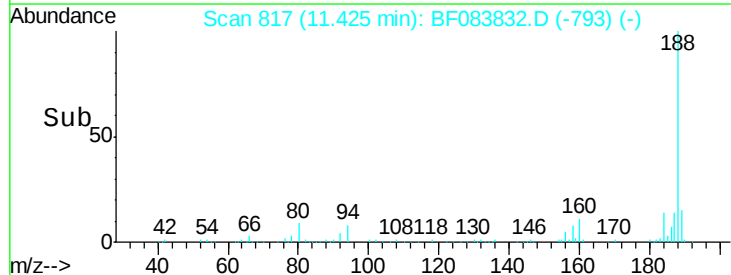
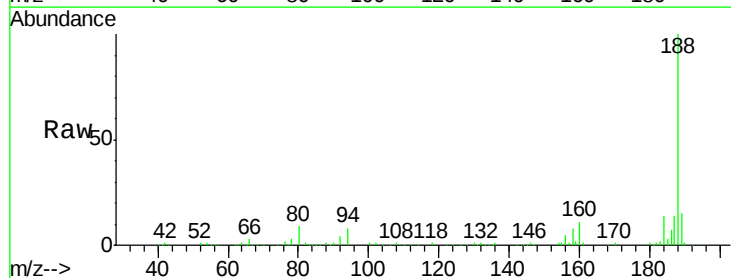
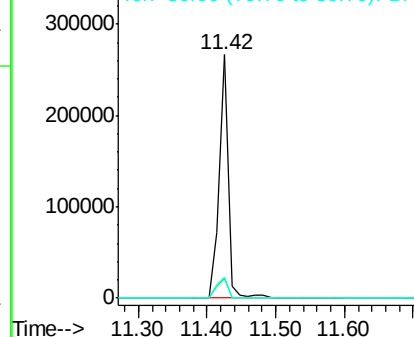
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.2#
80	8.5	10.6	16.0#

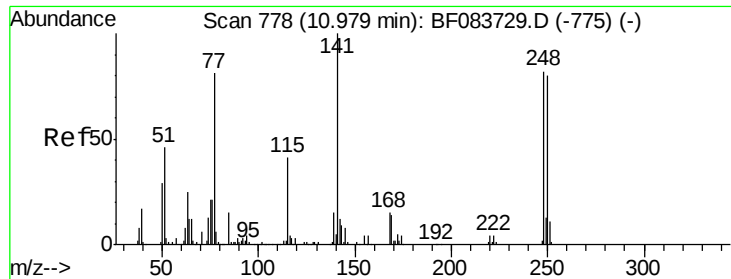
Abundance

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

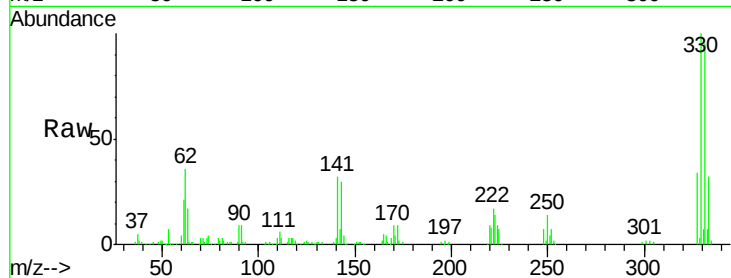




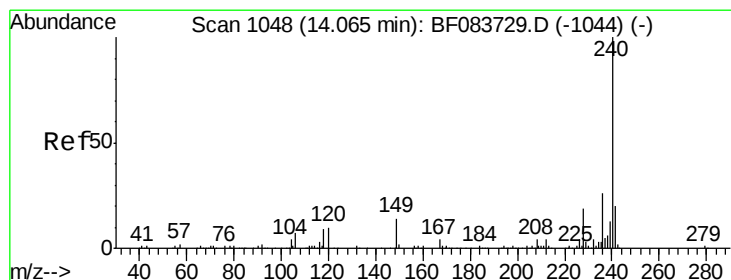
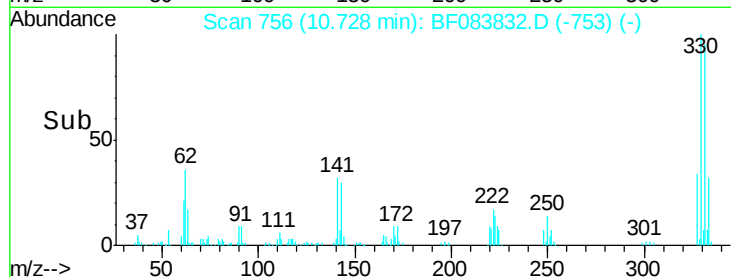
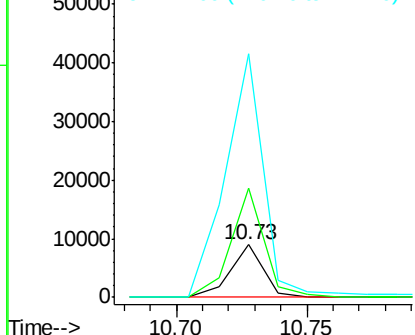
#66
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

Tgt Ion:248 Resp: 7911
 Ion Ratio Lower Upper
 248 100
 250 208.2 79.2 118.8#
 141 464.8 58.2 87.4#

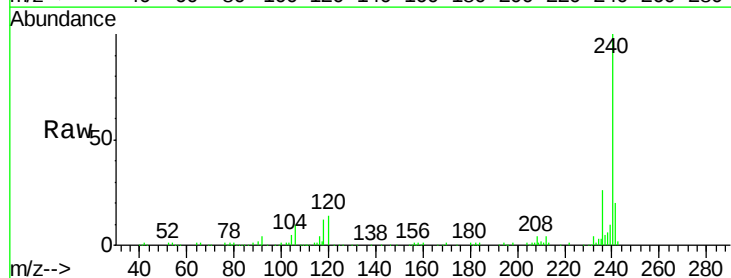


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

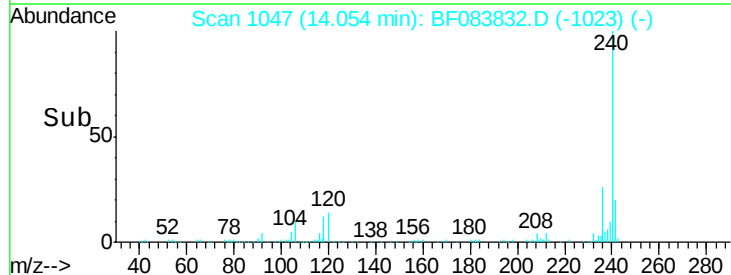
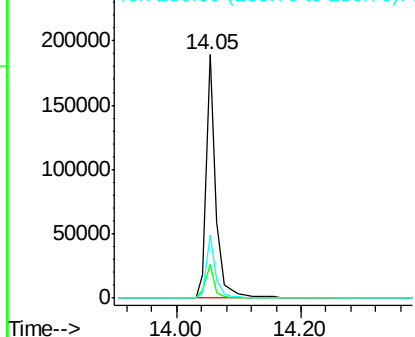


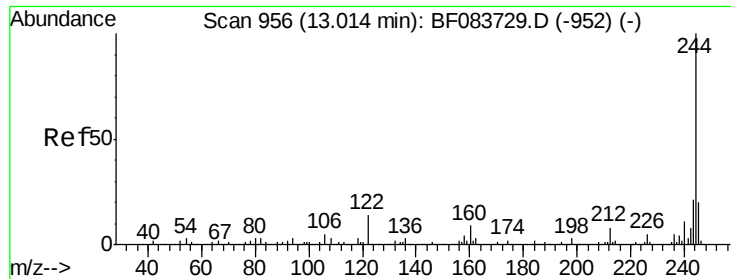
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion:240 Resp: 204260
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.1 12.1#
 236 25.8 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

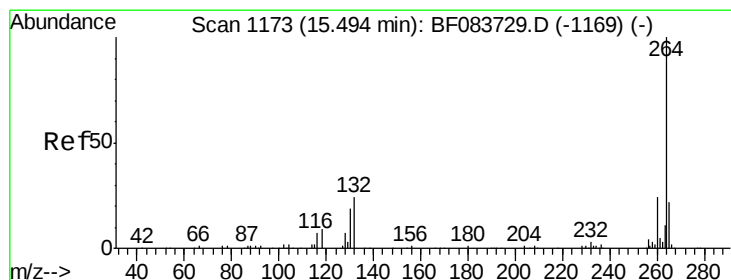
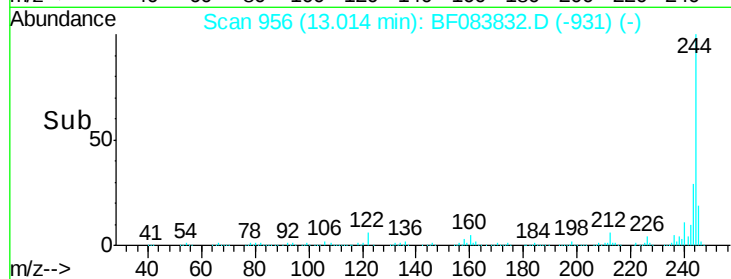
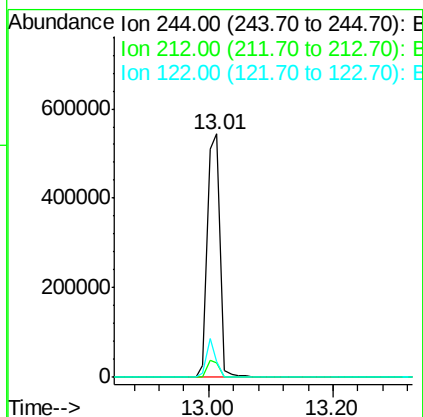
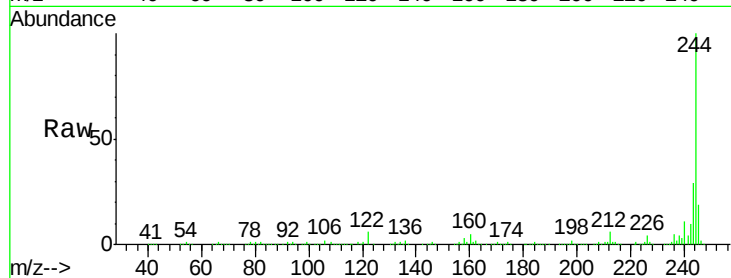




#78
 Terphenyl-d14
 Concen: 80.73 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

Tgt Ion:244 Resp: 766587
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.1 9.1
 122 6.4 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion:264 Resp: 141101
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.6 17.8 26.6

