

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083831.D
 Acq On : 15 Dec 2015 23:31
 Operator : UM/IZ
 Sample : G4782-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-S

Quant Time: Dec 16 04:30:08 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

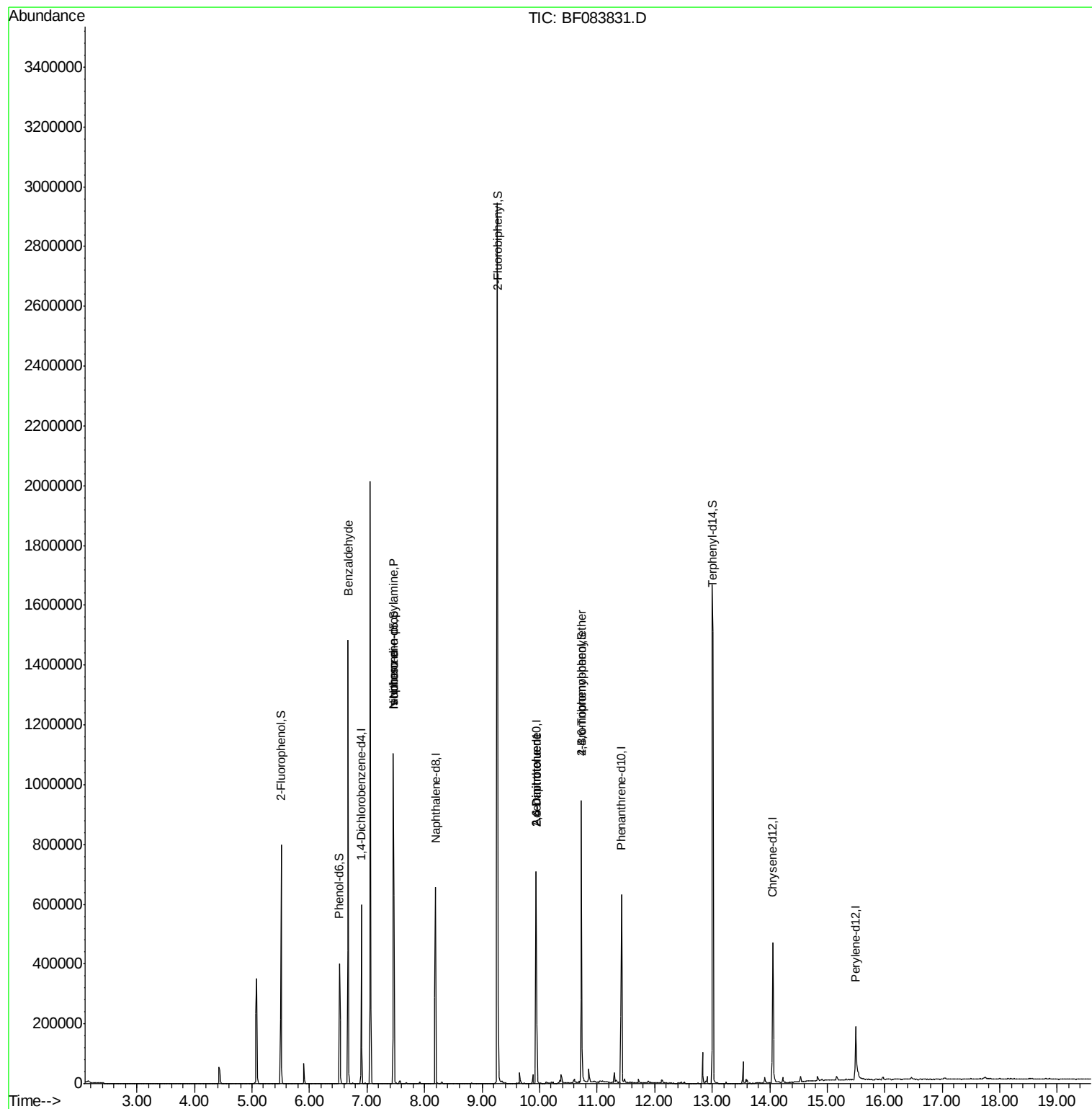
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	87564	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	345696	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	147709	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	248414	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	190324	20.00	ng	-0.02
86) Perylene-d12	15.49	264	132645	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	225905	41.62	ng	-0.02
7) Phenol-d6	6.52	99	164693	23.96	ng	-0.02
23) Nitrobenzene-d5	7.46	82	456117	73.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	124181	82.51	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	911404	93.16	ng	-0.02
78) Terphenyl-d14	13.01	244	788249	89.09	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.67	77	9081	2.46	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.46	70	59717	14.19	ng	# 71
25) Isophorone	7.46	82	417131	34.41	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	18442	7.55	ng	# 16
56) 2,4-Dinitrotoluene	9.94	165	18443	5.78	ng	# 11
66) 4-Bromophenyl-phenylether	10.73	248	8248	2.97	ng	# 1

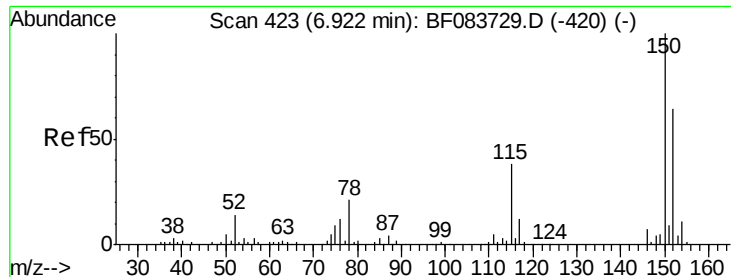
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083831.D

Acq: 15 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-S

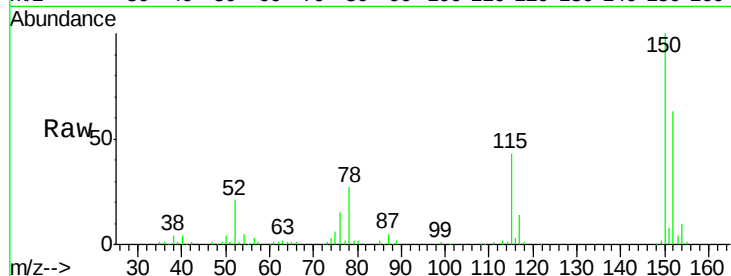
Tgt Ion:152 Resp: 87564

Ion Ratio Lower Upper

152 100

150 158.5 126.5 189.7

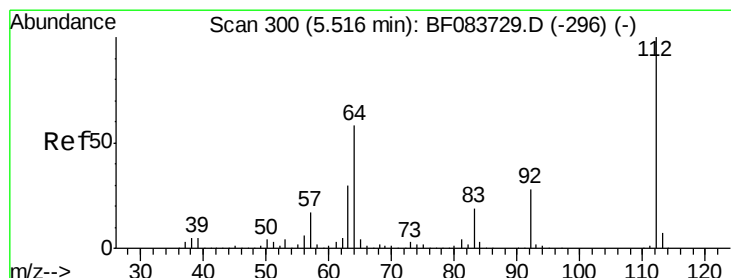
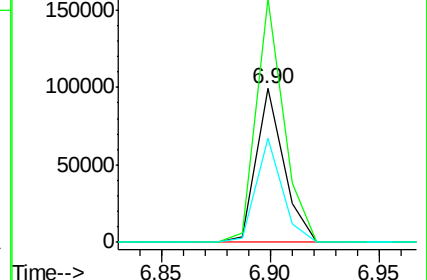
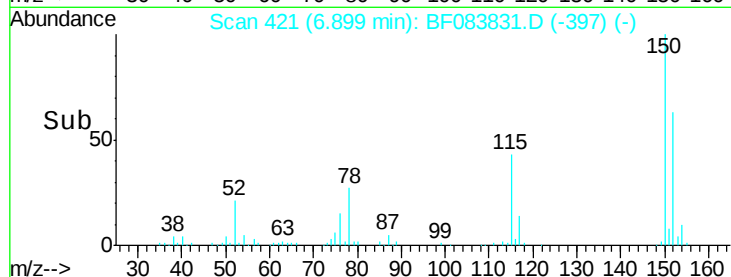
115 67.6 52.3 78.5



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: 41.62 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083831.D

Acq: 15 Dec 2015 23:31

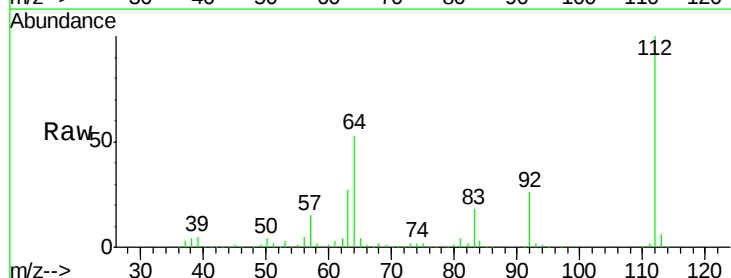
Tgt Ion:112 Resp: 225905

Ion Ratio Lower Upper

112 100

64 52.7 50.5 75.7

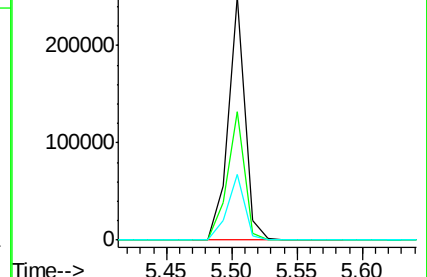
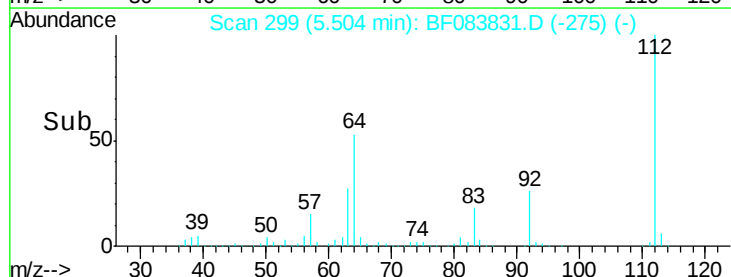
63 27.1 25.8 38.6

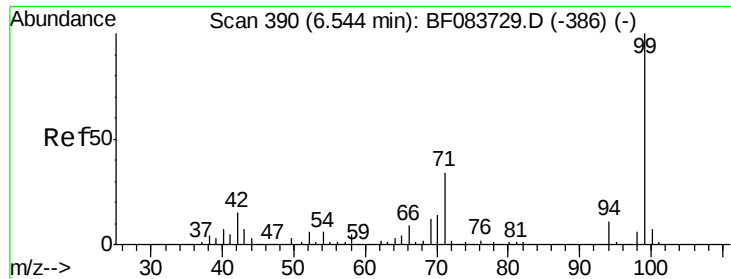


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.96 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083831.D

Acq: 15 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-S

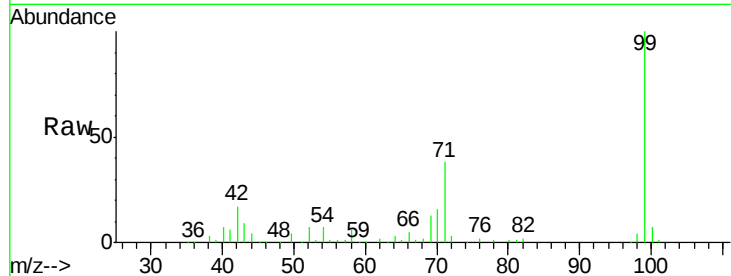
Tgt Ion: 99 Resp: 164693

Ion Ratio Lower Upper

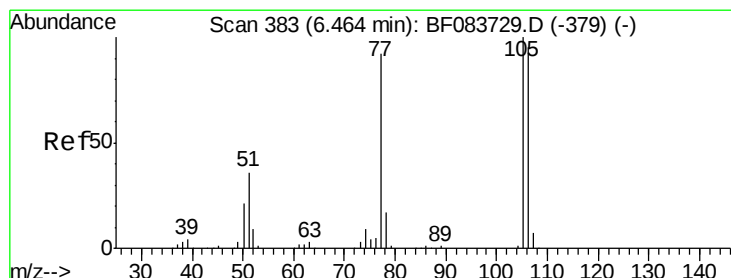
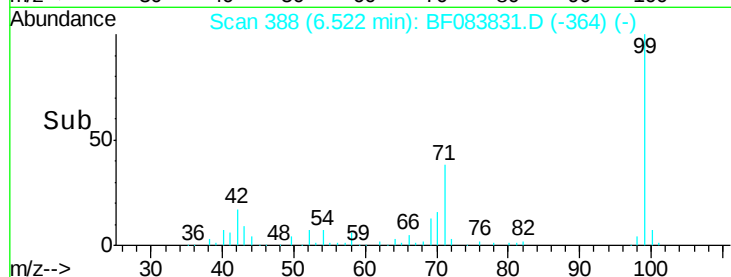
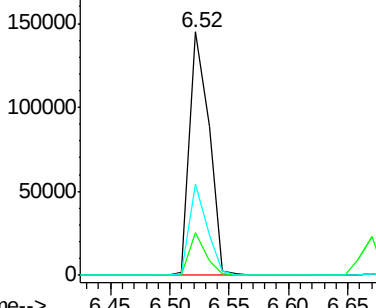
99 100

42 17.3 17.3 25.9

71 37.6 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: 2.46 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083831.D

Acq: 15 Dec 2015 23:31

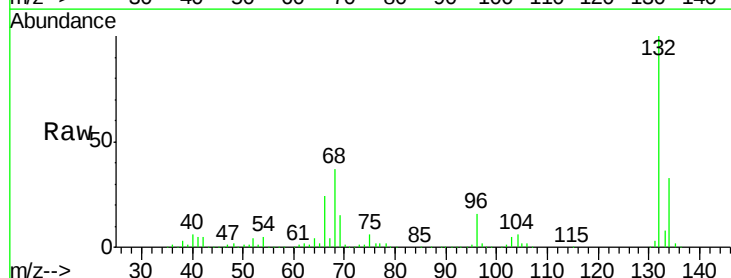
Tgt Ion: 77 Resp: 9081

Ion Ratio Lower Upper

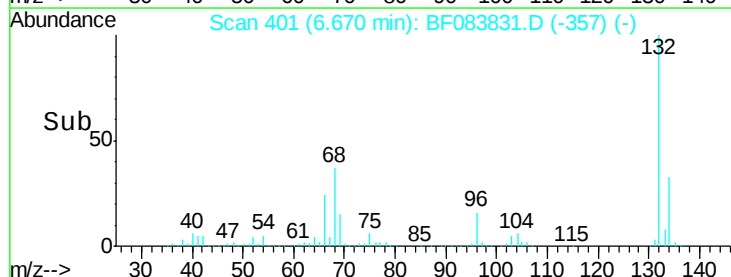
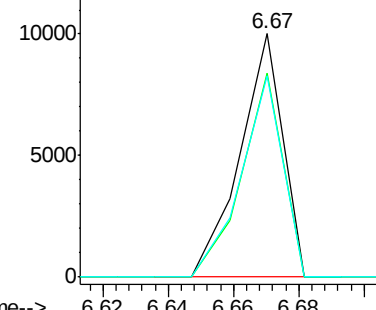
77 100

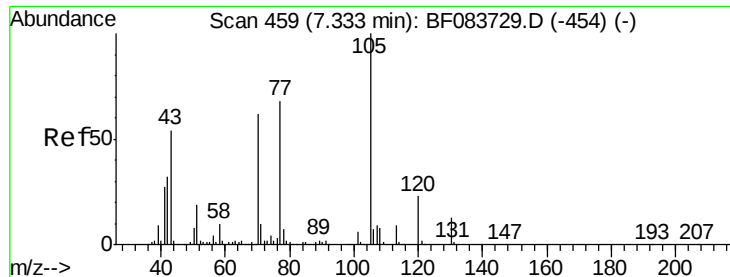
105 83.5 71.8 111.8

106 82.9 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

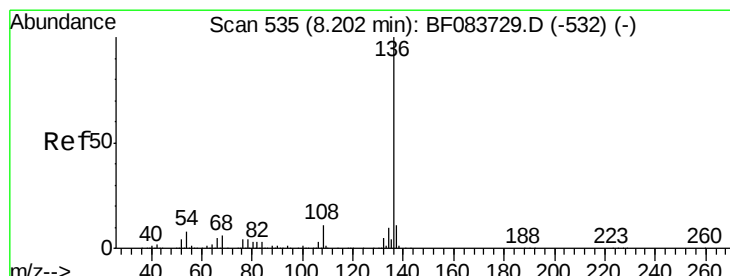
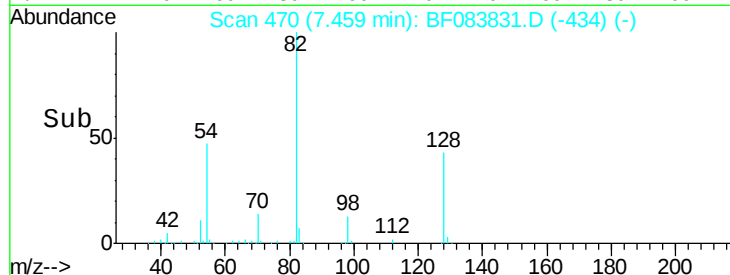
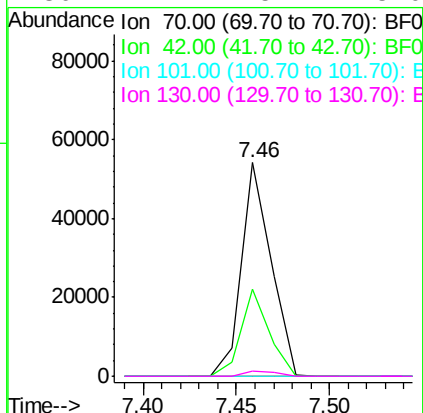
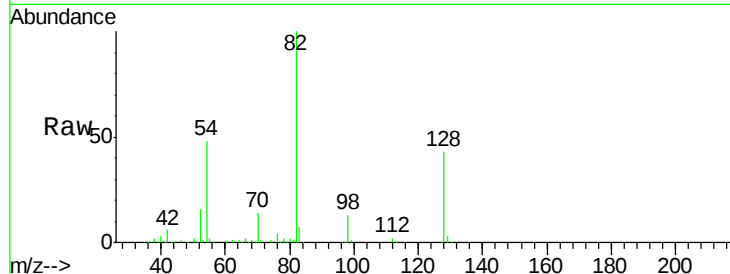




#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083831.D
Acq: 15 Dec 2015 23:31

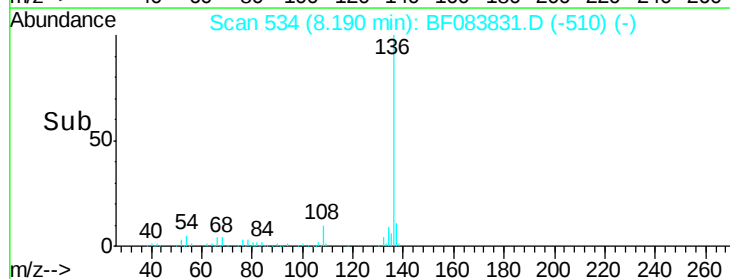
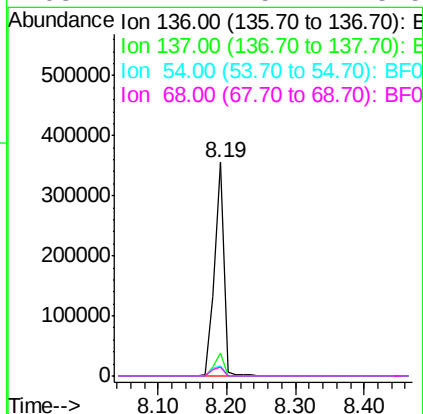
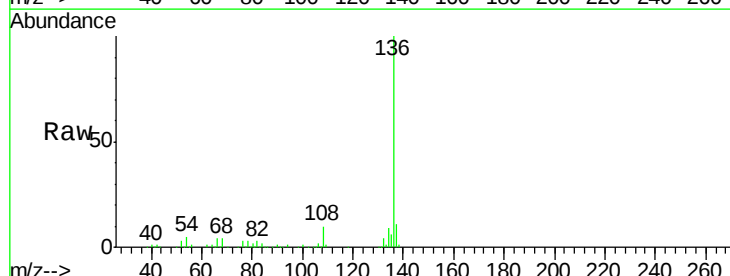
Instrument :
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121115-D534-F-D-S

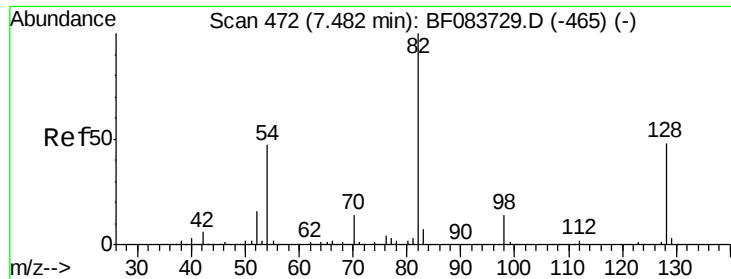
Tgt Ion: 70 Resp: 59717
Ion Ratio Lower Upper
70 100
42 40.8 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083831.D
Acq: 15 Dec 2015 23:31

Tgt Ion: 136 Resp: 345696
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 4.9 7.8 11.6#
68 4.2 5.7 8.5#

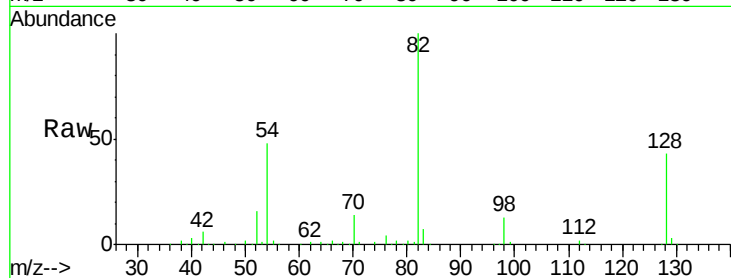




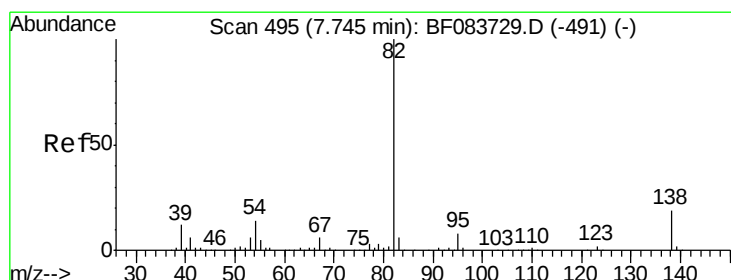
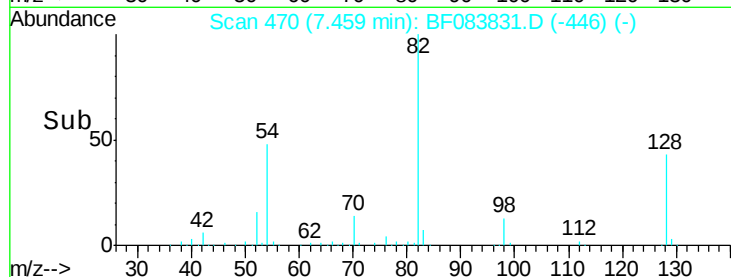
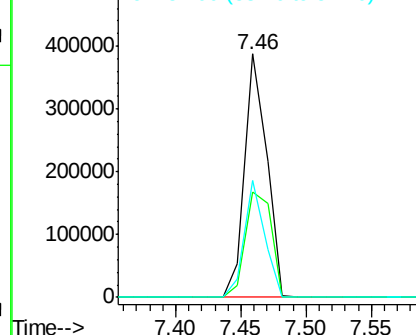
#23
 Nitrobenzene-d5
 Concen: 73.82 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	30.7	46.1
54	48.3	42.5	63.7

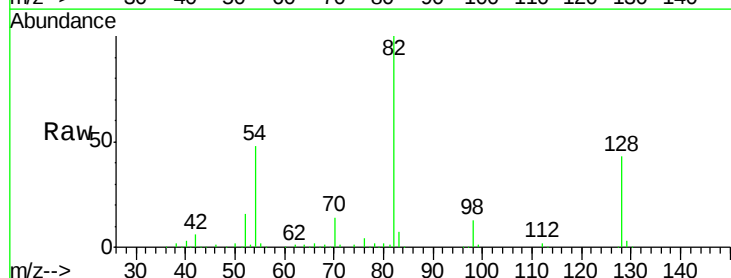


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

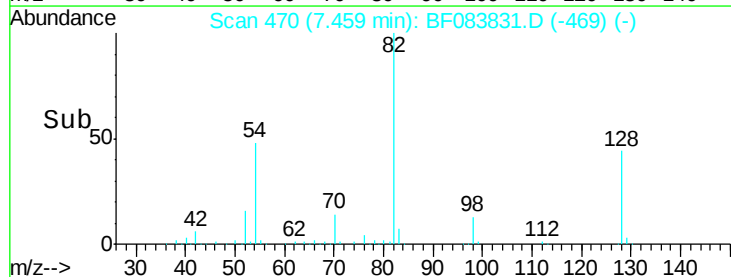
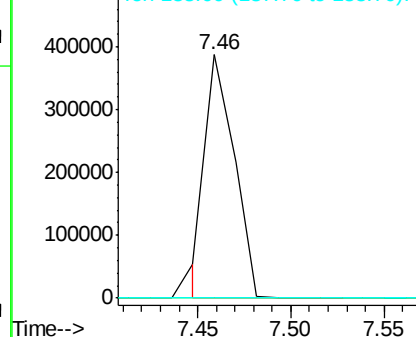


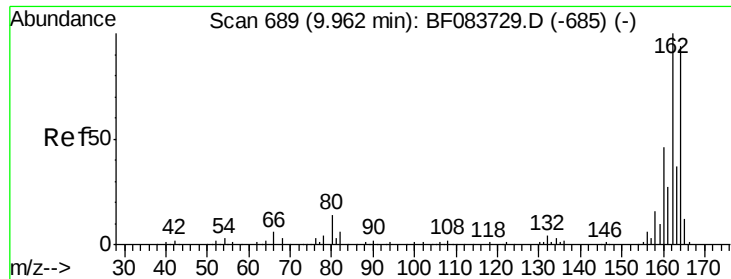
#25
 Isophorone
 Concen: 34.41 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

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

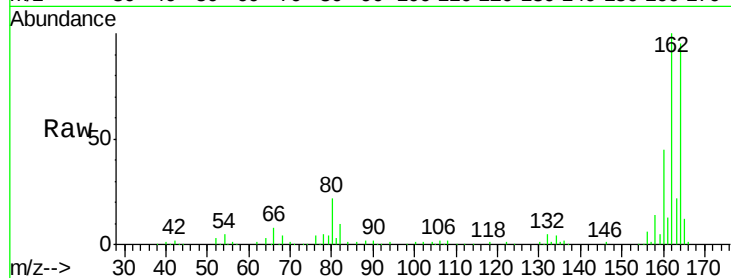




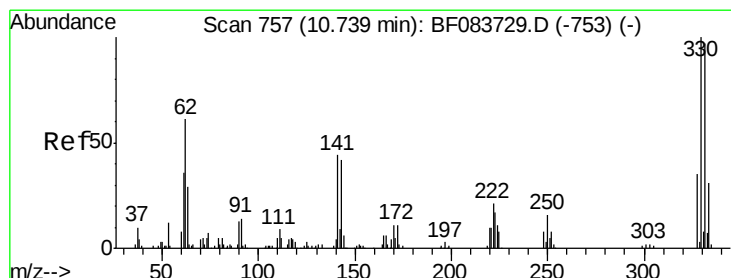
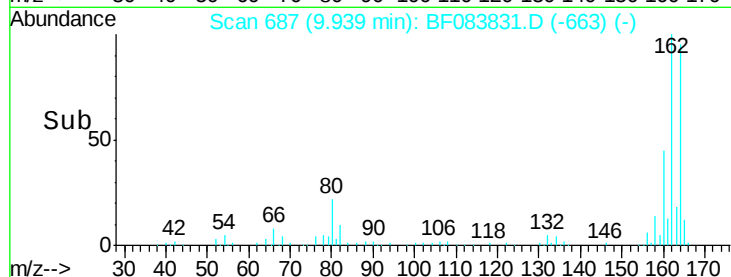
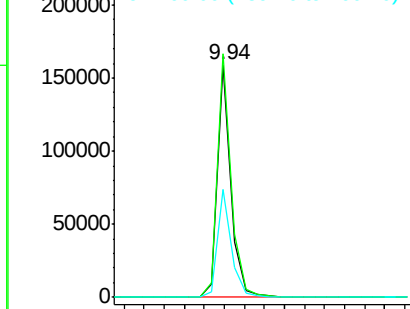
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 147709
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 46.7 33.4 50.2

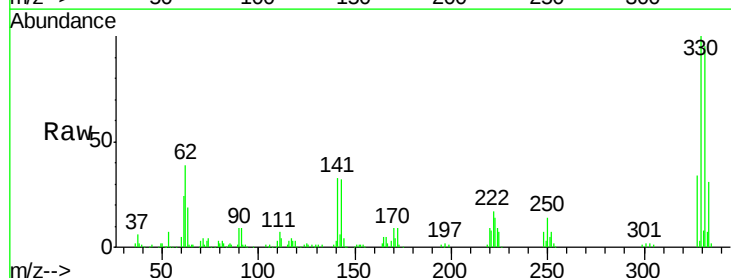


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

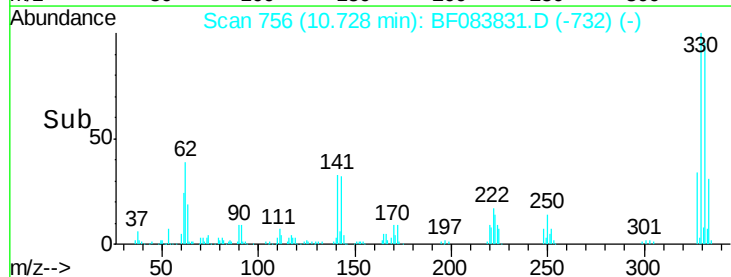
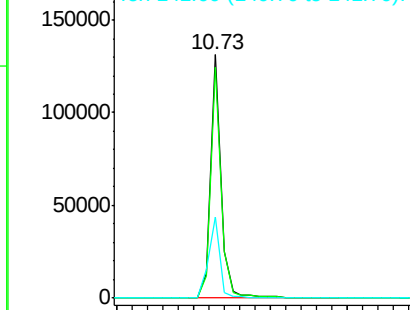


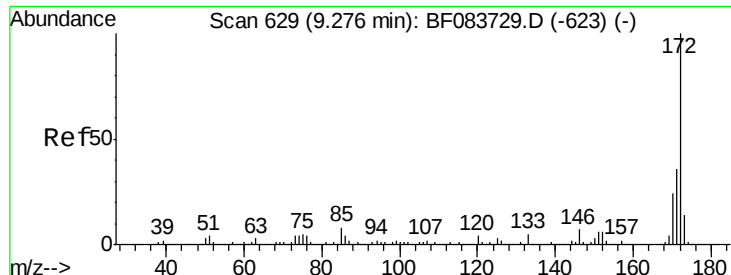
#41
 2,4,6-Tribromophenol
 Concen: 82.51 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Tgt Ion:330 Resp: 124181
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 36.4 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

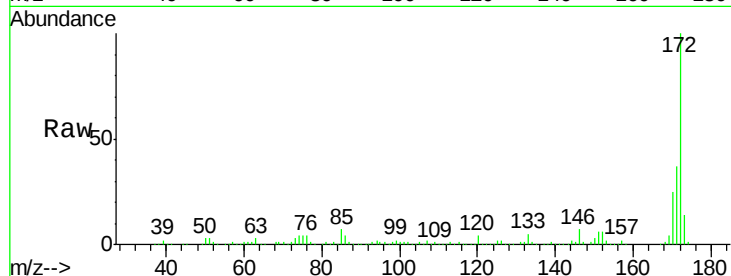




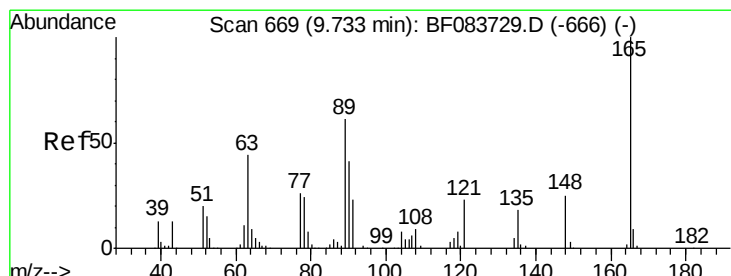
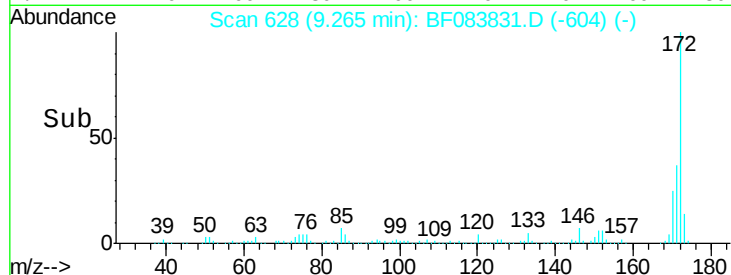
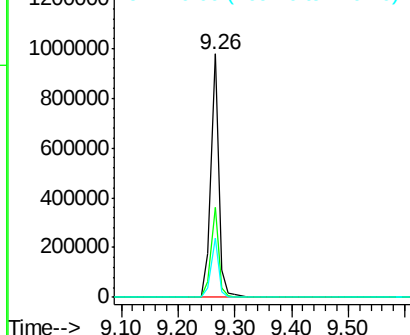
#44
 2-Fluorobiphenyl
 Concen: 93.16 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Instrument :
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 ClientSampleId :
 121115-D534-F-D-S

Tgt Ion:172 Resp: 911404
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.6 19.4 29.0

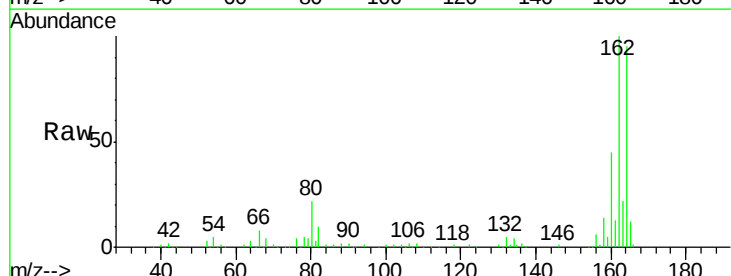


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

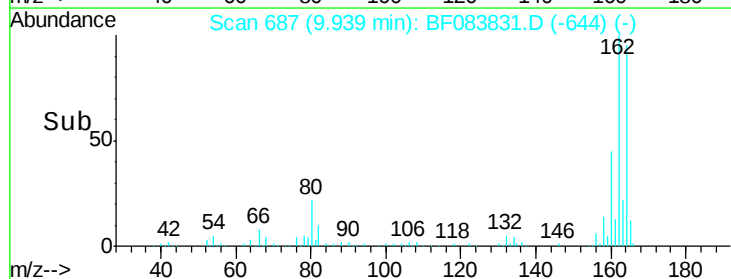
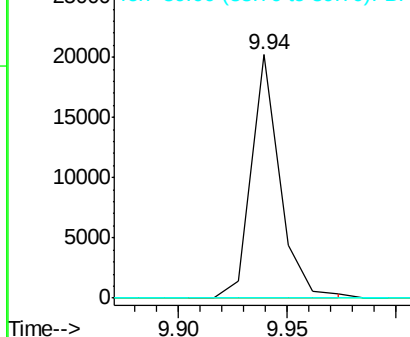


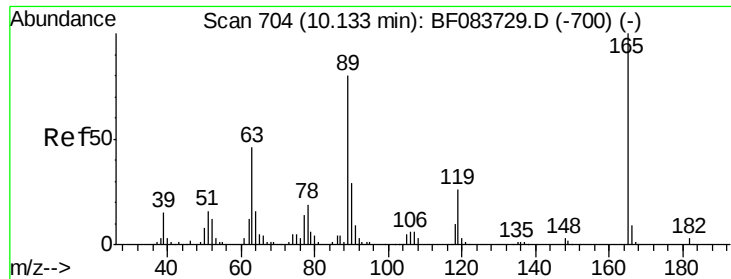
#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Tgt Ion:165 Resp: 18442
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.9 85.3#
 89 0.0 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: 5.78 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083831.D

Acq: 15 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-S

Tgt Ion:165 Resp: 18443

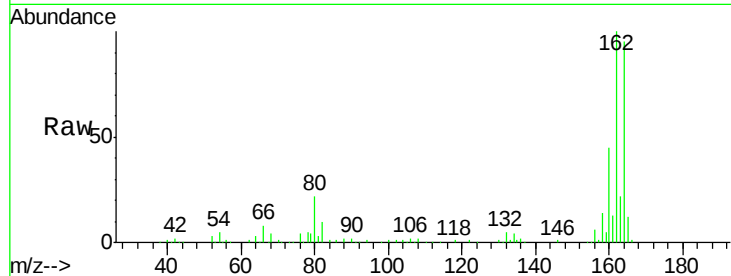
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 0.0 72.6 108.8#

182 0.0 1.4 2.0#

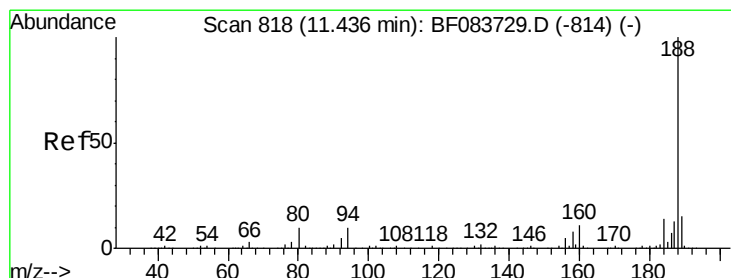
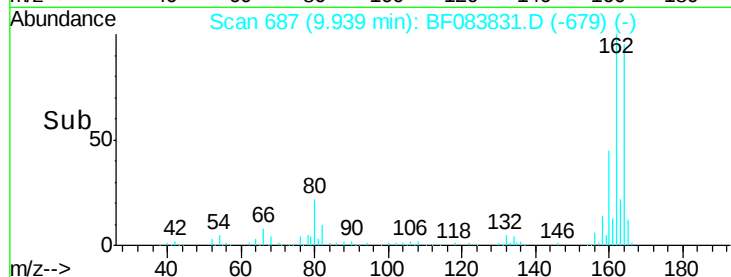
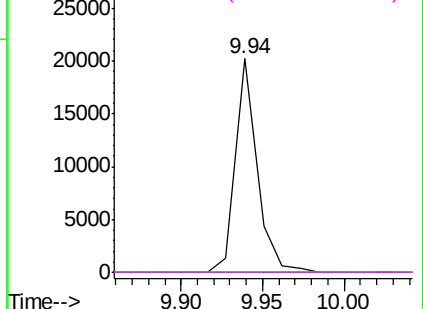


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083831.D

Acq: 15 Dec 2015 23:31

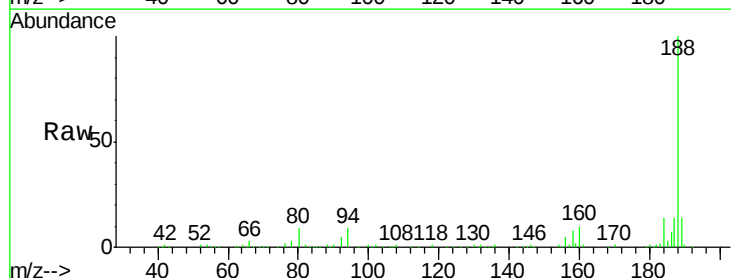
Tgt Ion:188 Resp: 248414

Ion Ratio Lower Upper

188 100

94 8.5 9.4 14.2#

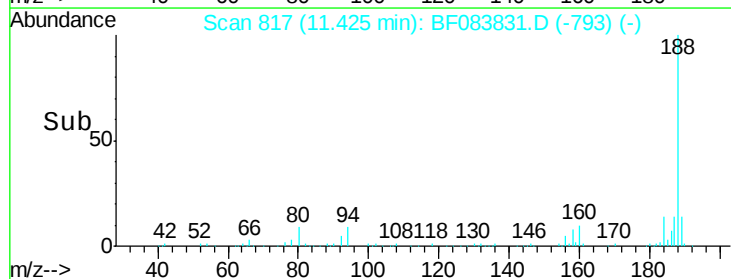
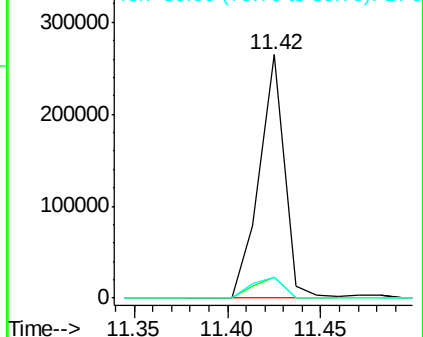
80 8.5 10.6 16.0#

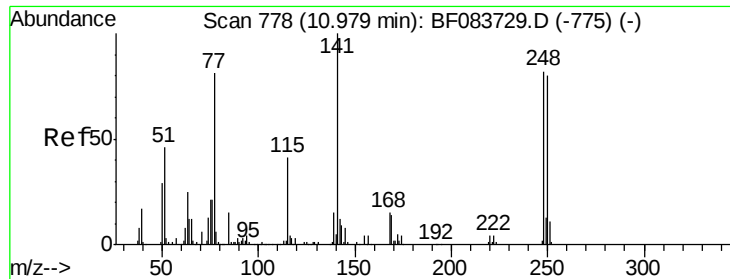


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

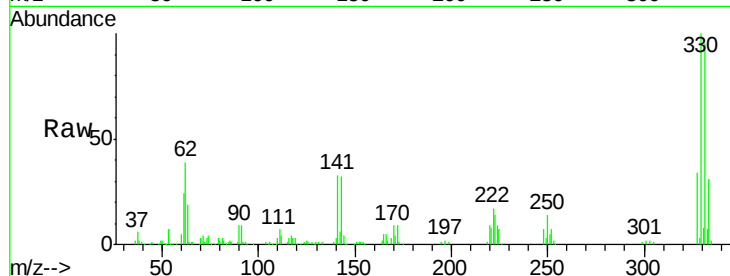




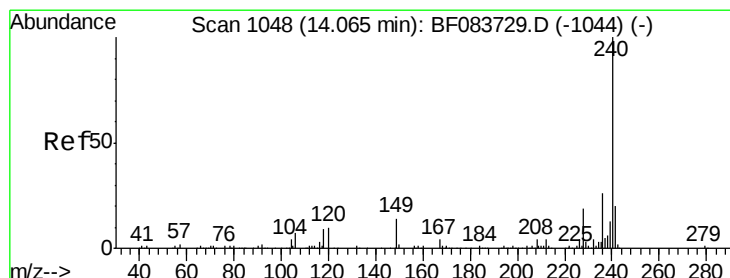
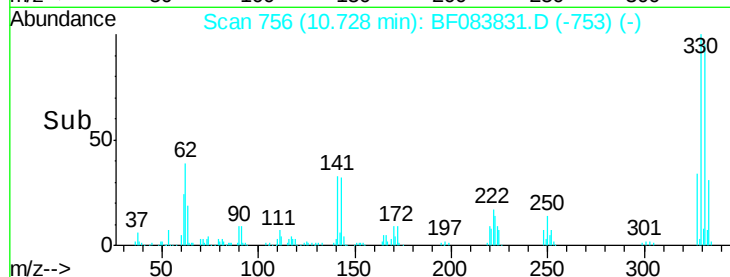
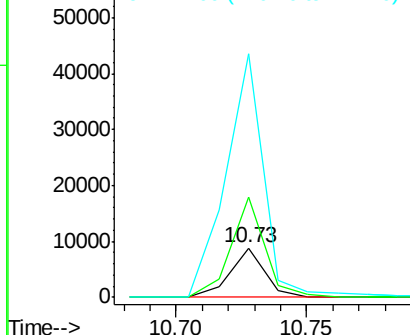
#66
 4-Bromophenyl-phenylether
 Concen: 2.97 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-S

Tgt Ion: 248 Resp: 8248
 Ion Ratio Lower Upper
 248 100
 250 202.5 79.2 118.8#
 141 491.8 58.2 87.4#

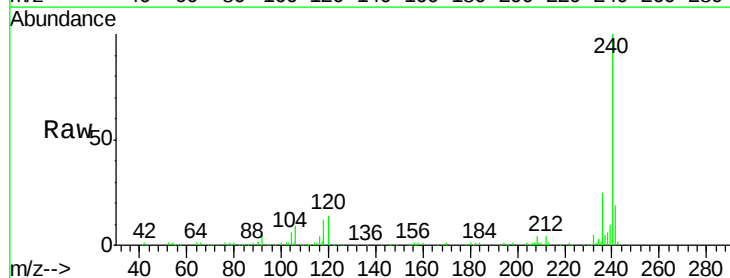


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

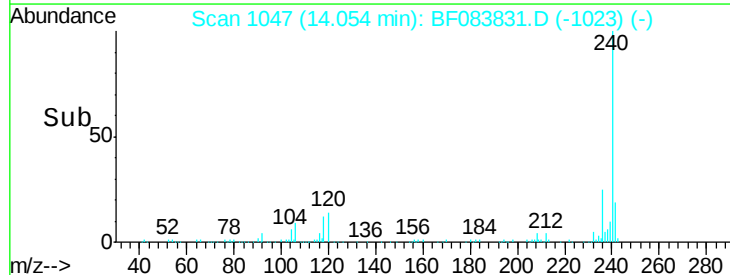
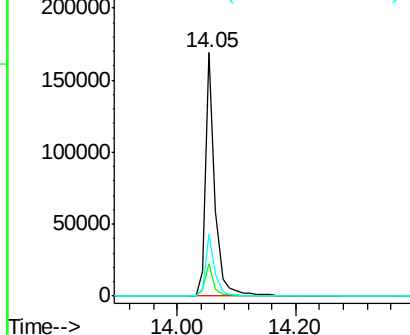


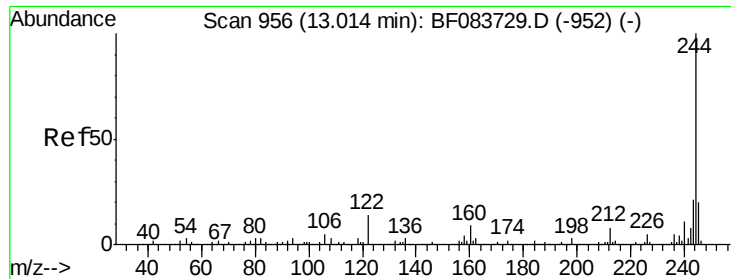
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Tgt Ion: 240 Resp: 190324
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.1 12.1#
 236 25.2 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

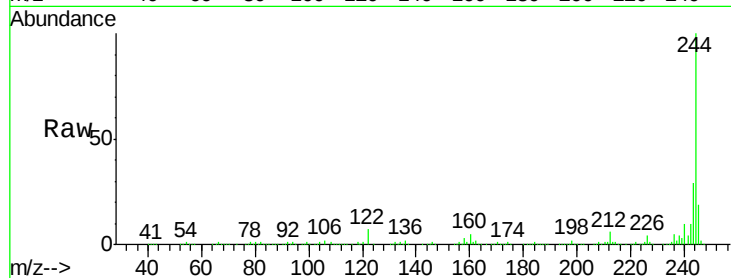




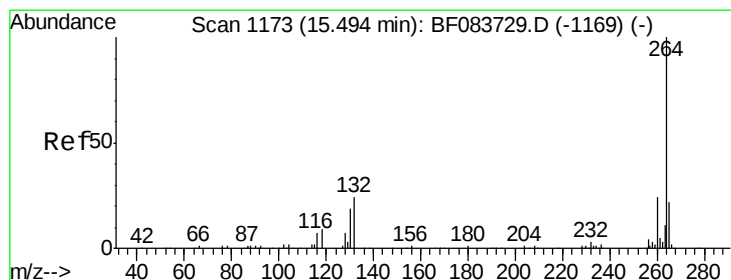
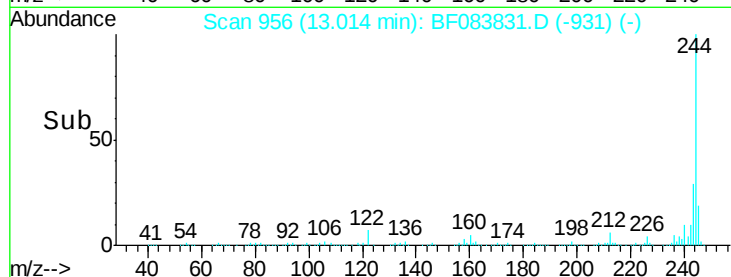
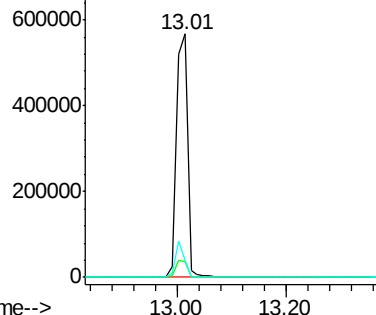
#78
 Terphenyl-d14
 Concen: 89.09 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-S

Tgt Ion:244 Resp: 788249
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.1 9.1
 122 6.8 11.0 16.6#

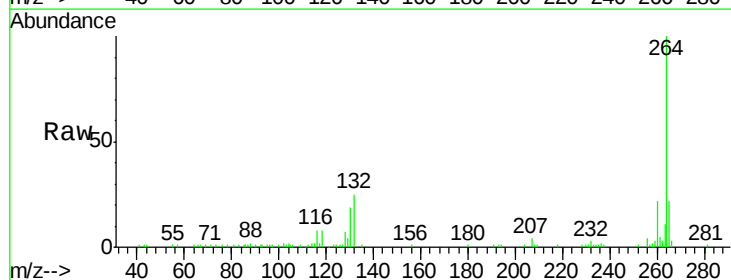


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083831.D
 Acq: 15 Dec 2015 23:31

Tgt Ion:264 Resp: 132645
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.0
 265 22.1 17.8 26.6



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

