

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085042.D
 Acq On : 12 Feb 2016 5:35
 Operator : SJ/IZ
 Sample : H1387-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(11-13)

Quant Time: Feb 12 07:21:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

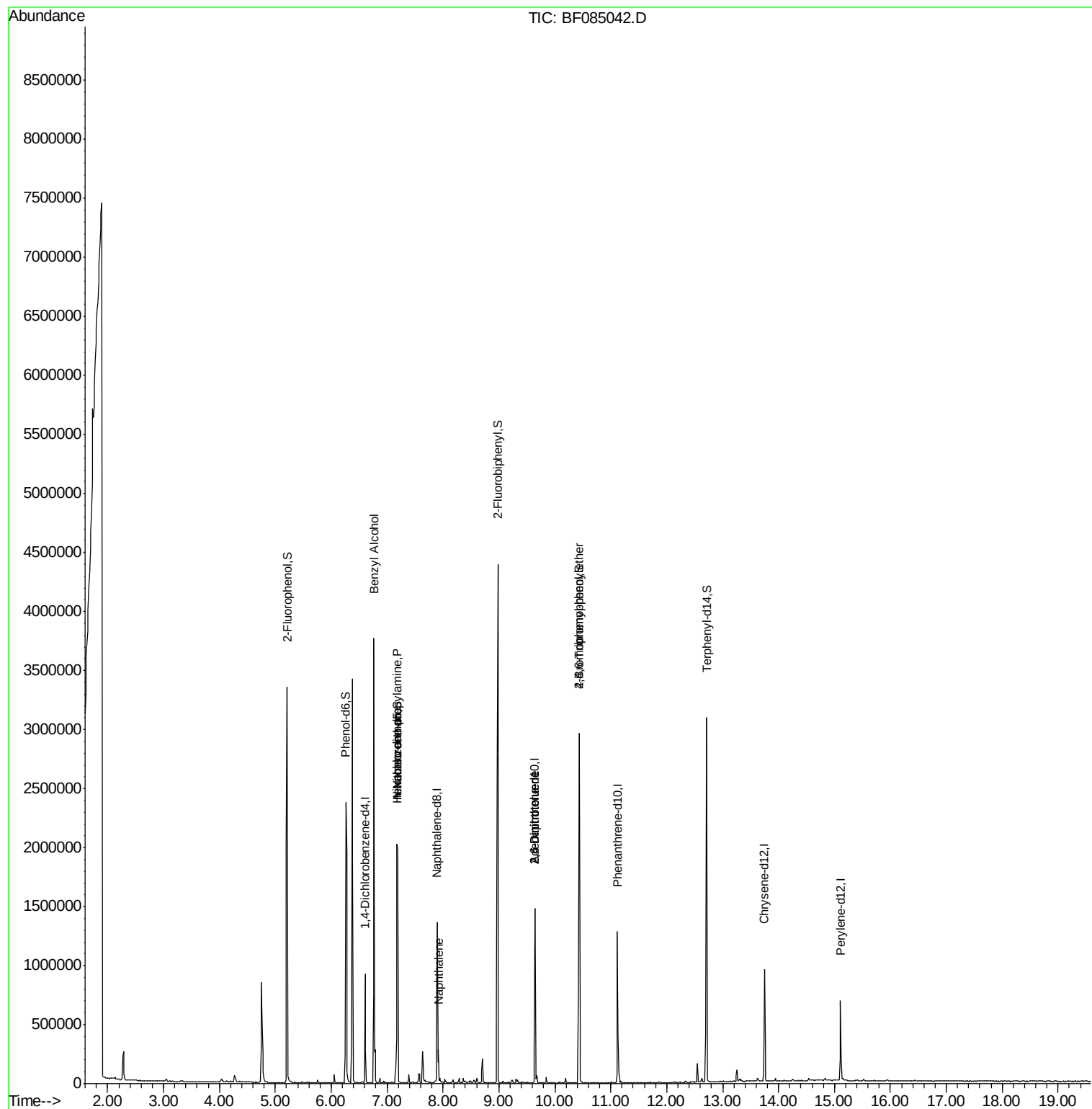
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	134779	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	593676	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	284572	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	479940	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	326518	20.00	ng	-0.02
86) Perylene-d12	15.11	264	281724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1117706	129.17	ng	0.01
7) Phenol-d6	6.26	99	1183697	110.34	ng	-0.02
23) Nitrobenzene-d5	7.18	82	983625	93.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	355598	119.80	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1821069	132.07	ng	-0.01
78) Terphenyl-d14	12.72	244	1539122	106.82	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	16110	2.17	ng	# 44
18) Hexachloroethane	7.19	117	54761	13.75	ng	# 9
19) n-Nitroso-di-n-propylamine	7.18	70	133288	19.82	ng	# 71
31) Naphthalene	7.92	128	118281	3.97	ng	99
50) 2,6-Dinitrotoluene	9.64	165	36361	7.68	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	36361	6.02	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	21462	4.05	ng	# 1

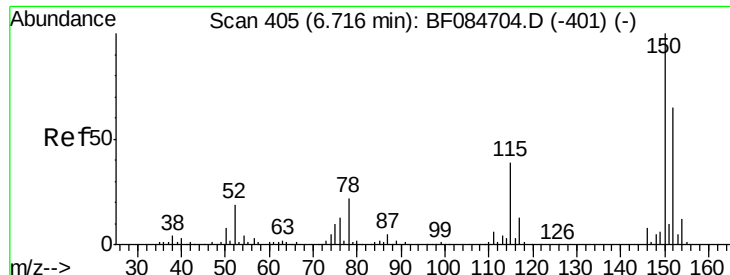
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085042.D
Acq On : 12 Feb 2016 5:35
Operator : SJ/IZ
Sample : H1387-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Quant Time: Feb 12 07:21:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

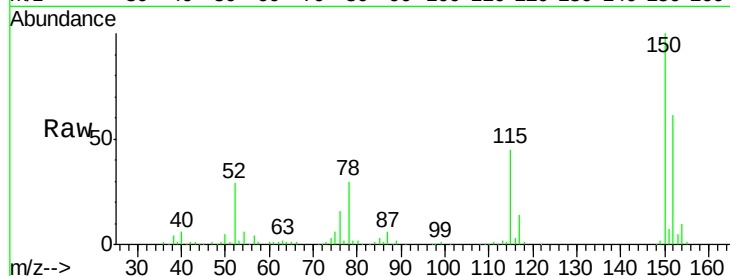
Tgt Ion:152 Resp: 134779

Ion Ratio Lower Upper

152 100

150 164.4 123.0 184.4

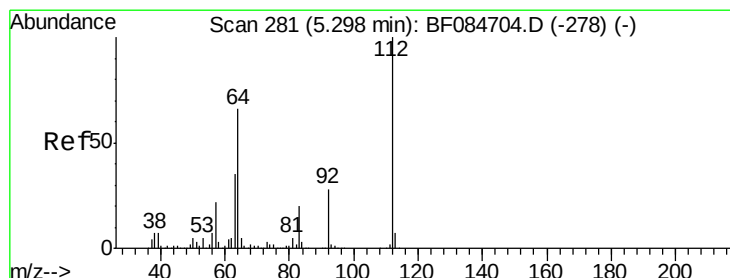
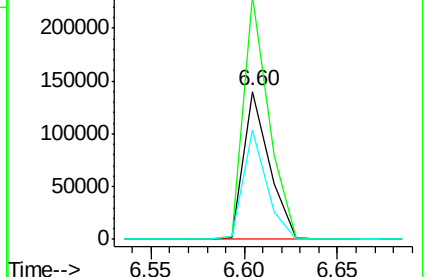
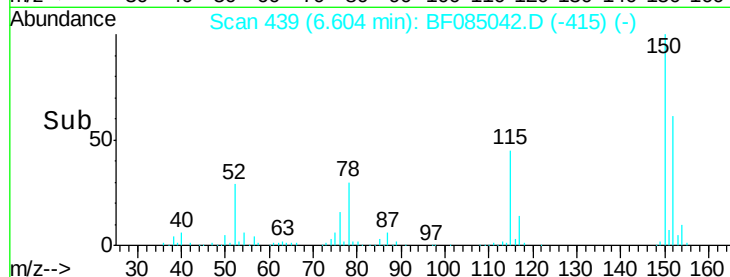
115 73.6 51.4 77.2



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: 129.17 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

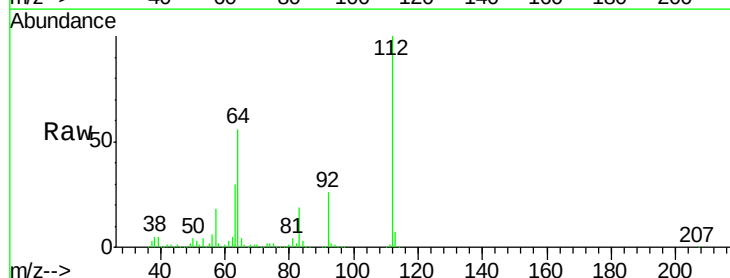
Tgt Ion:112 Resp: 1117706

Ion Ratio Lower Upper

112 100

64 56.4 36.6 55.0#

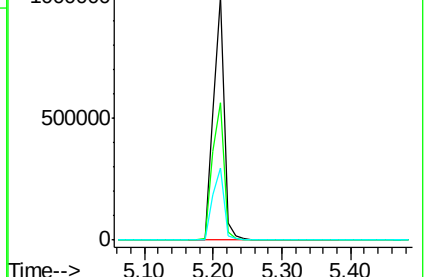
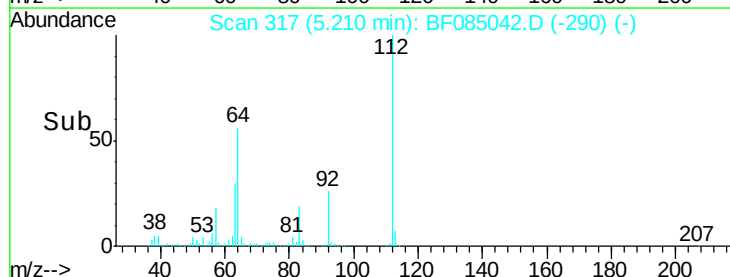
63 29.7 19.4 29.0#

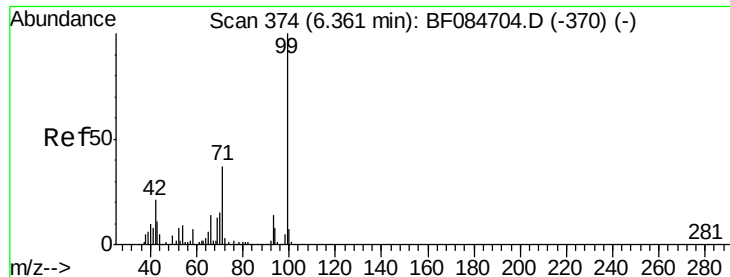


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.34 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

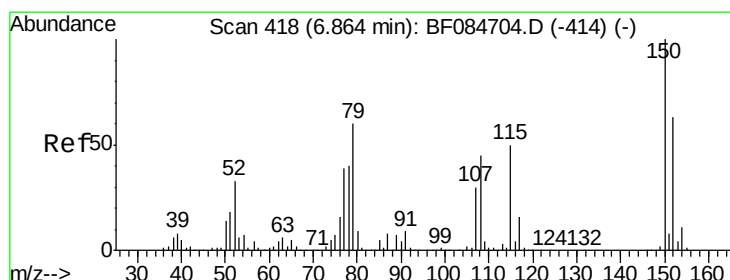
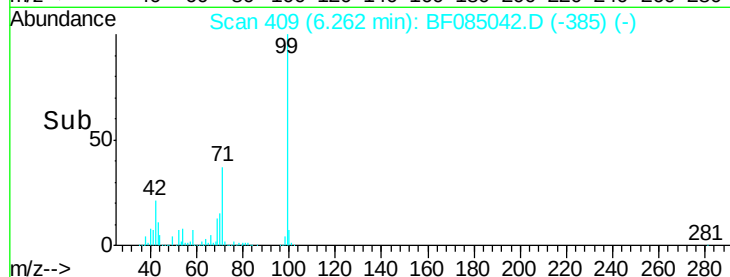
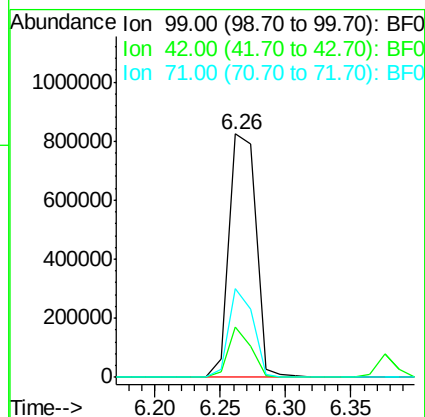
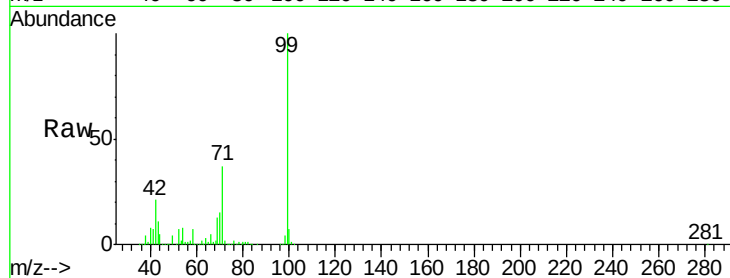
Tgt Ion: 99 Resp: 1183697

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 36.6 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

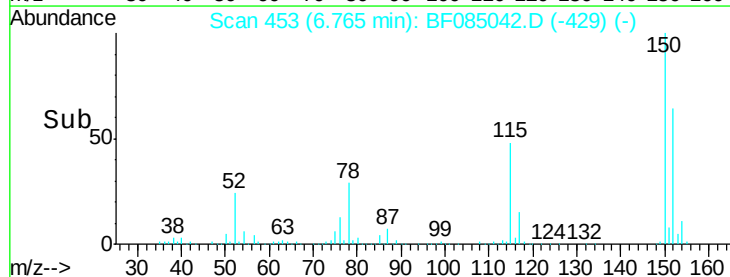
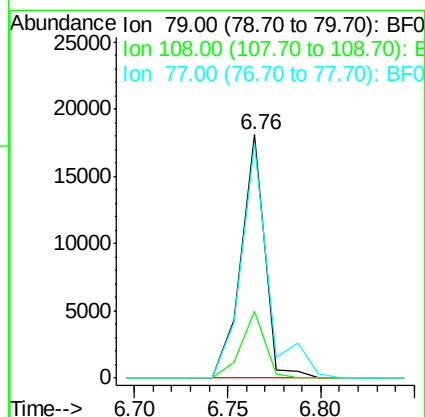
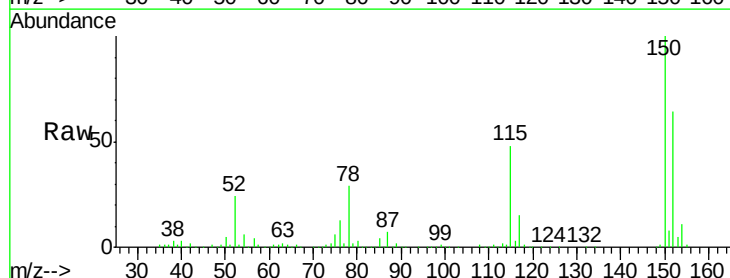
Tgt Ion: 79 Resp: 16110

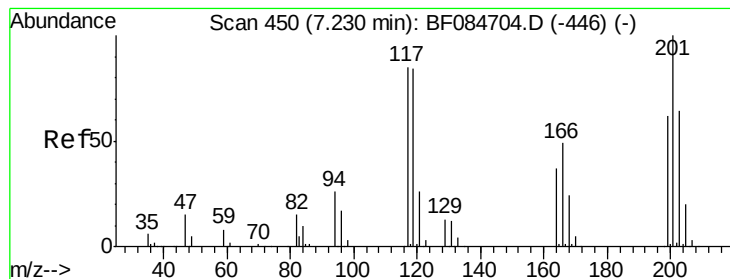
Ion Ratio Lower Upper

79 100

108 27.3 69.0 103.4#

77 96.6 50.0 75.0#





#18

Hexachloroethane

Concen: 13.75 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

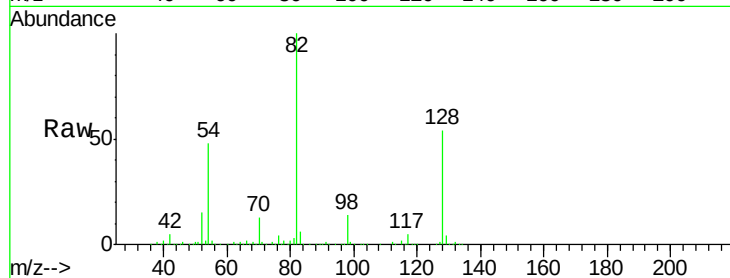
Tgt Ion:117 Resp: 54761

Ion Ratio Lower Upper

117 100

119 9.7 77.4 116.0#

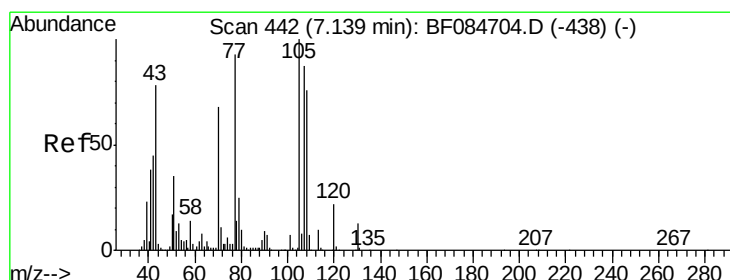
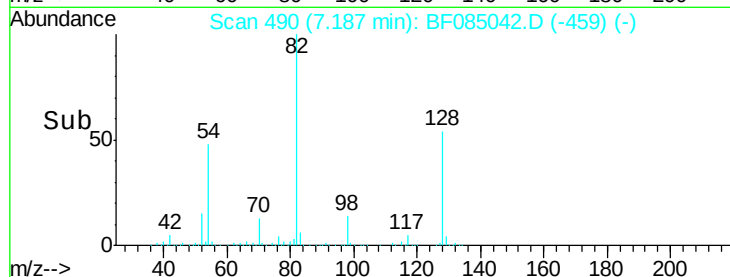
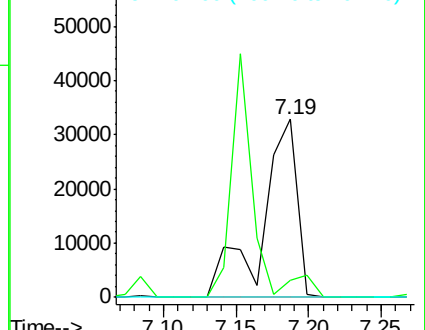
201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.82 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Tgt Ion: 70 Resp: 133288

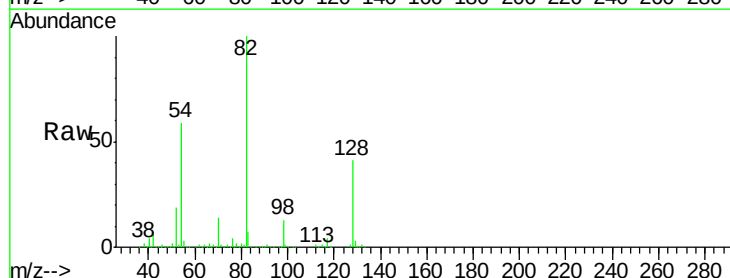
Ion Ratio Lower Upper

70 100

42 50.4 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

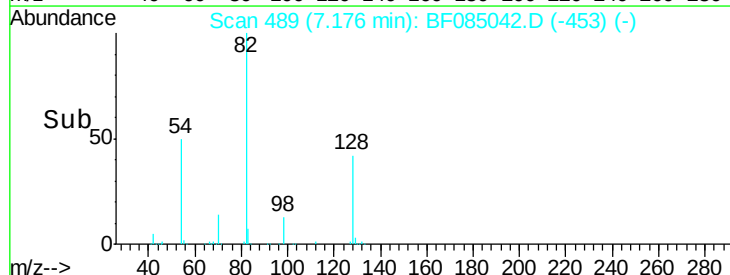
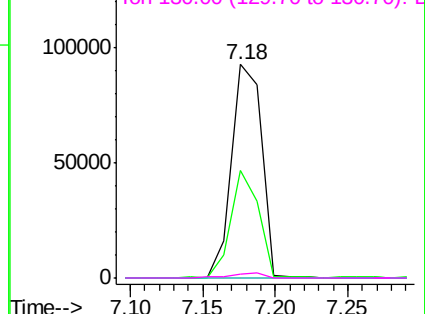


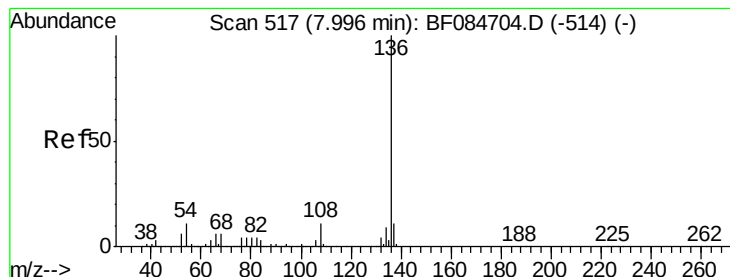
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

Tgt Ion: 136 Resp: 593676

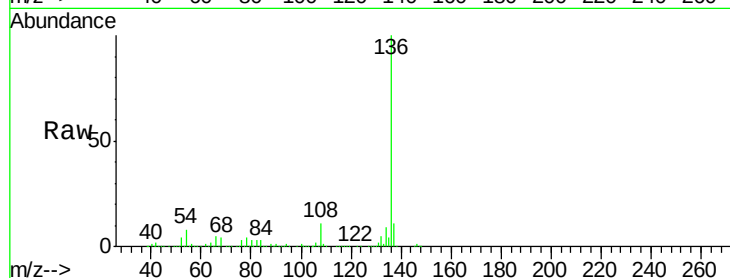
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 5.8 8.8

68 4.4 4.2 6.2

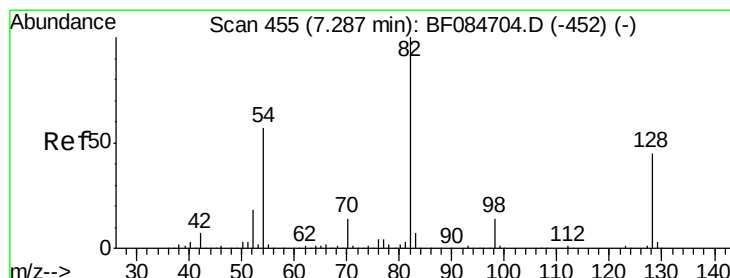
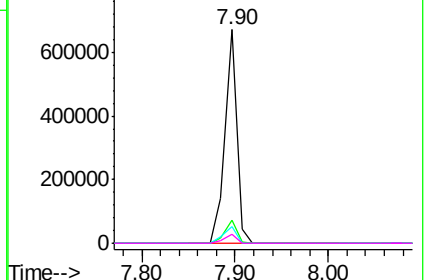
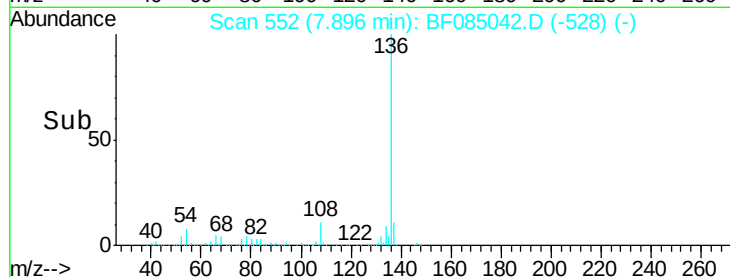


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.33 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

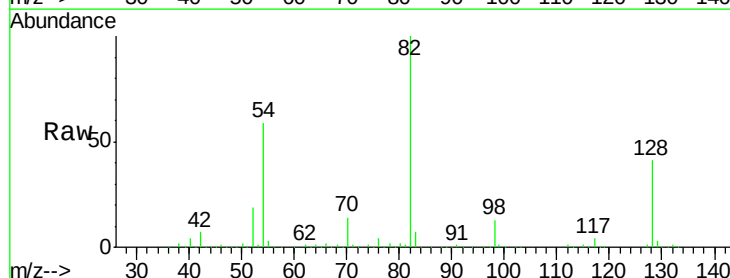
Tgt Ion: 82 Resp: 983625

Ion Ratio Lower Upper

82 100

128 41.5 34.6 51.8

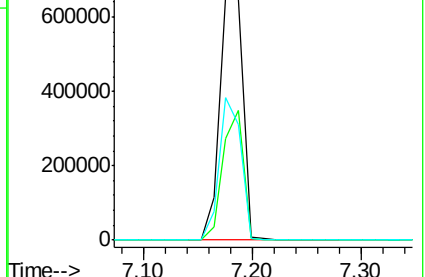
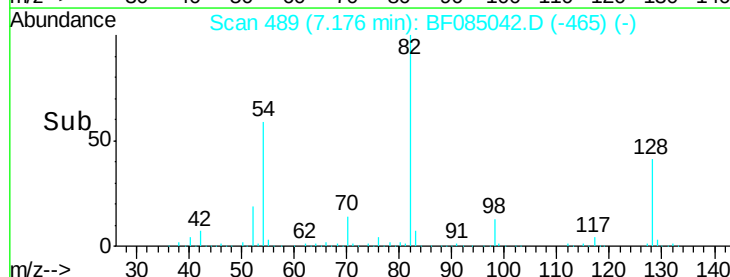
54 58.6 38.4 57.6#

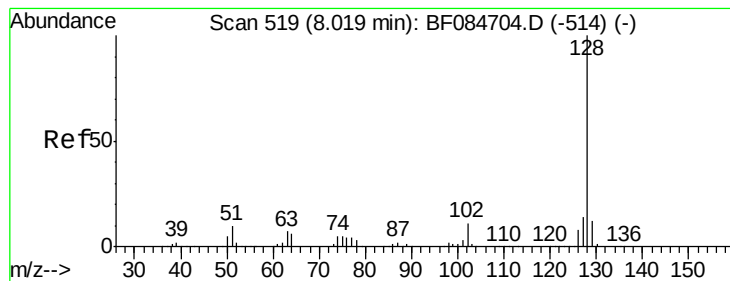


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.97 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

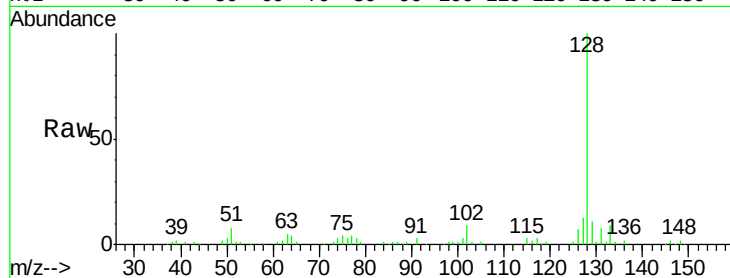
Tgt Ion:128 Resp: 118281

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

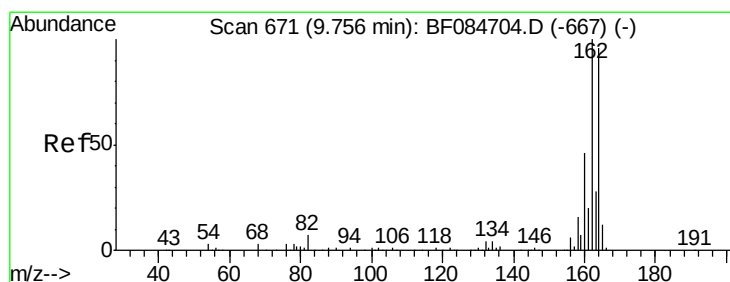
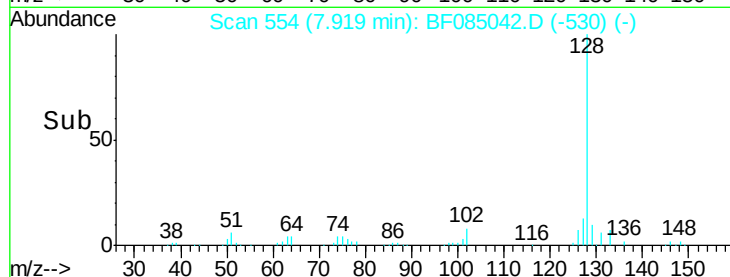
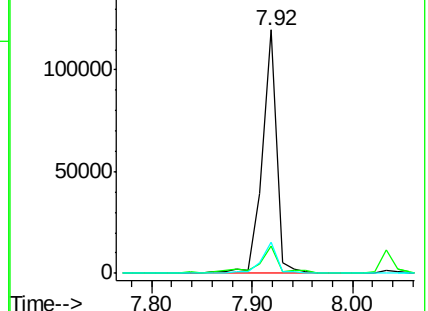
127 13.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

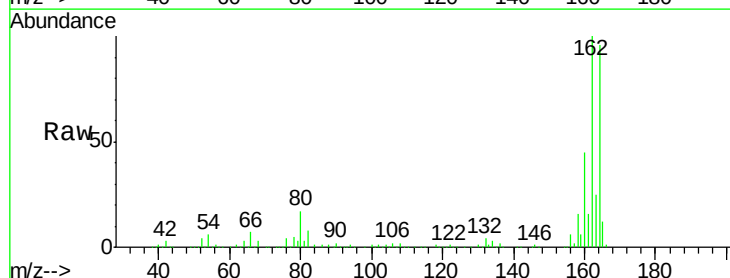
Tgt Ion:164 Resp: 284572

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

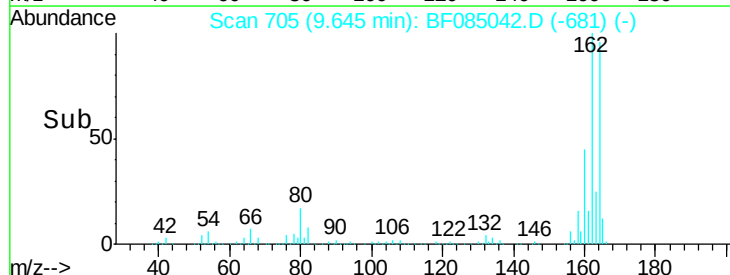
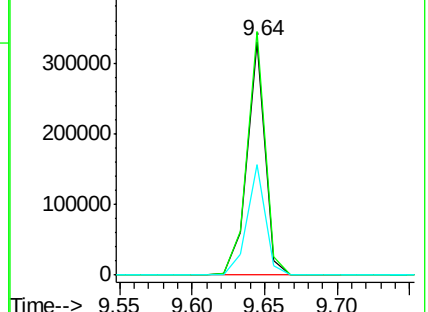
160 47.3 37.5 56.3

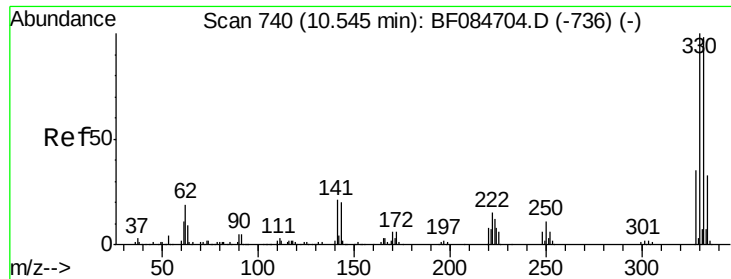


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

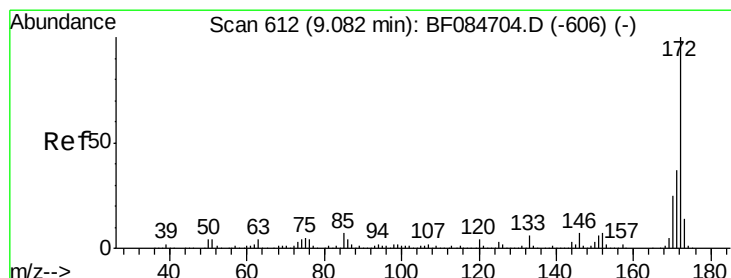
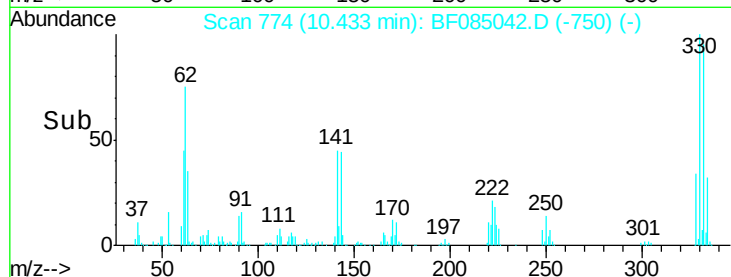
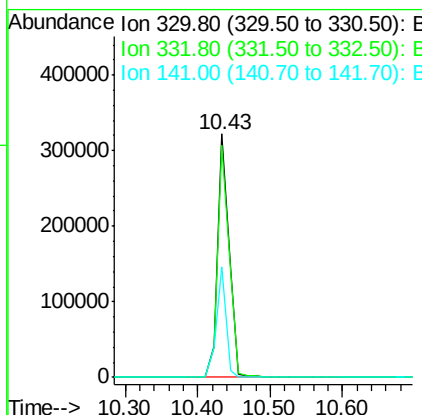
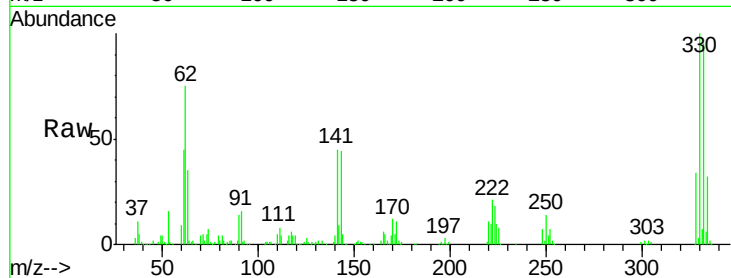




#41
 2,4,6-Tribromophenol
 Concen: 119.80 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085042.D
 Acq: 12 Feb 2016 5:35

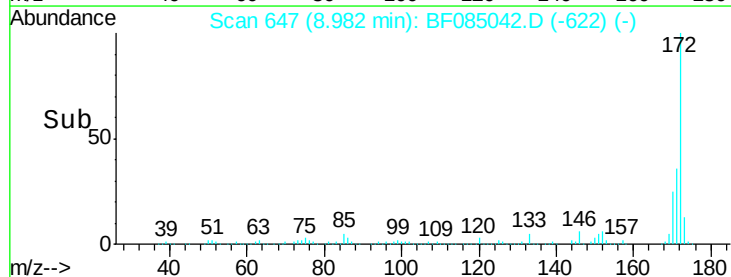
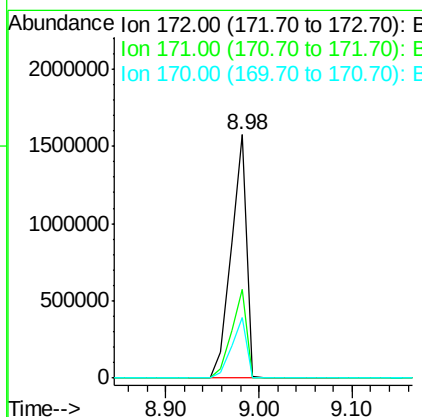
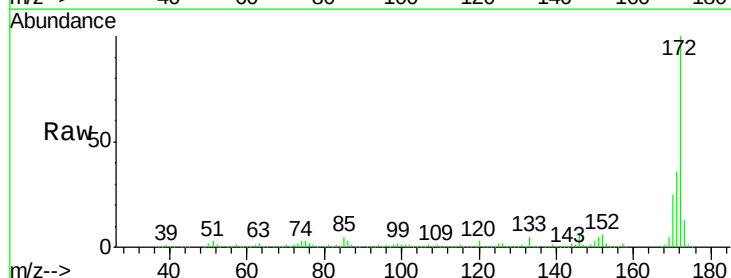
Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(11-13)

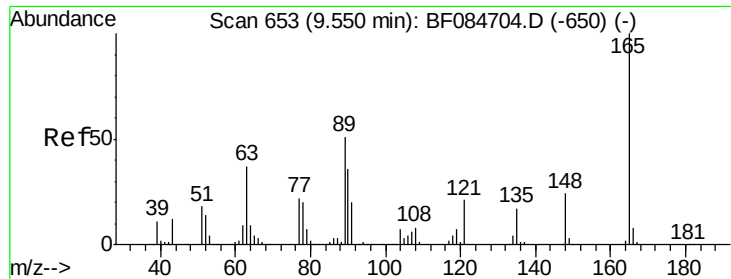
Tgt Ion:330 Resp: 355598
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 132.07 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085042.D
 Acq: 12 Feb 2016 5:35

Tgt Ion:172 Resp: 1821069
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 18.6 27.8

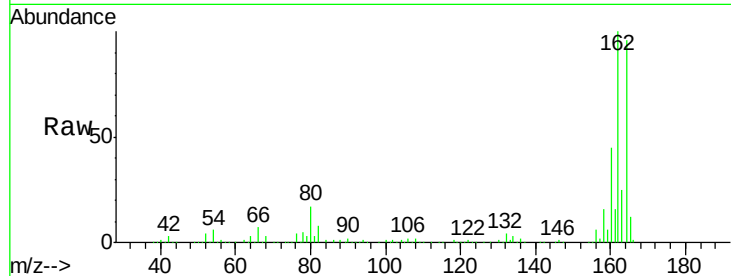




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.17 min
 Lab File: BF085042.D
 Acq: 12 Feb 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(11-13)

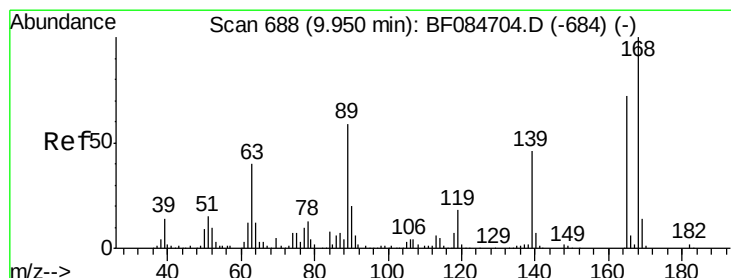
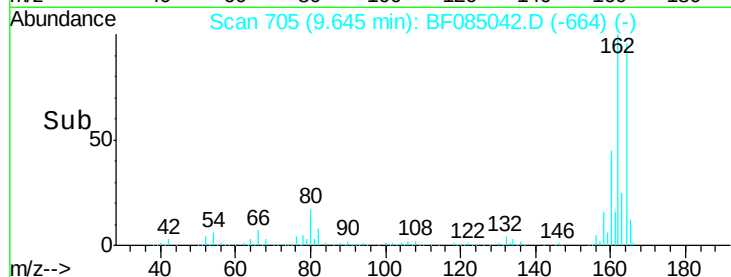
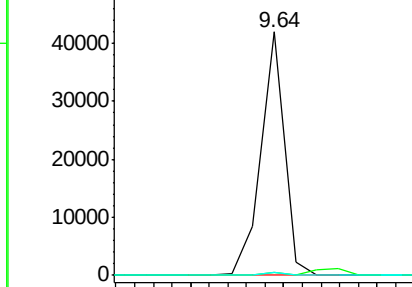
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.1	35.1	52.7#



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: 6.02 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085042.D
 Acq: 12 Feb 2016 5:35

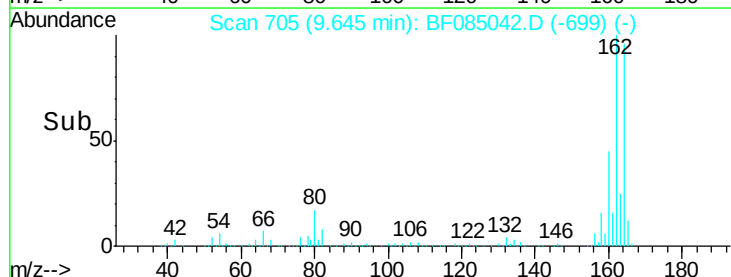
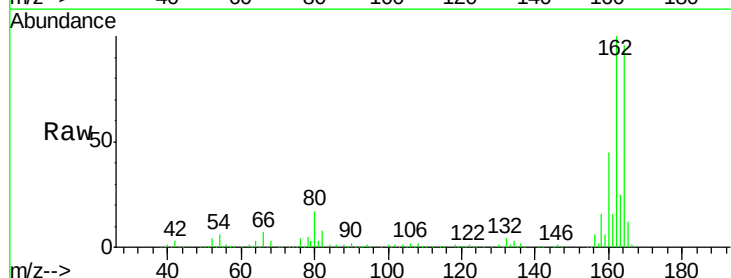
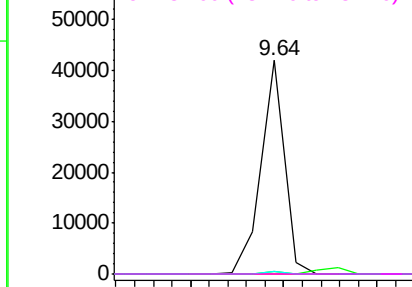
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#

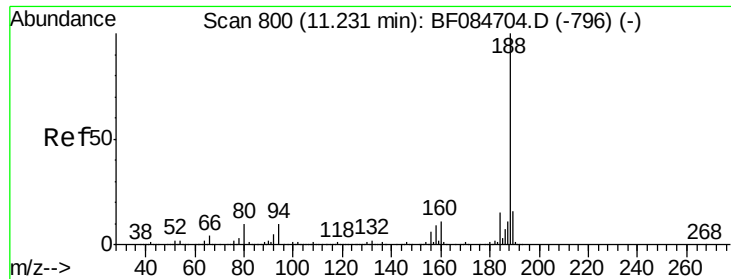
Abundance Ion 165.00 (164.70 to 165.70): E

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

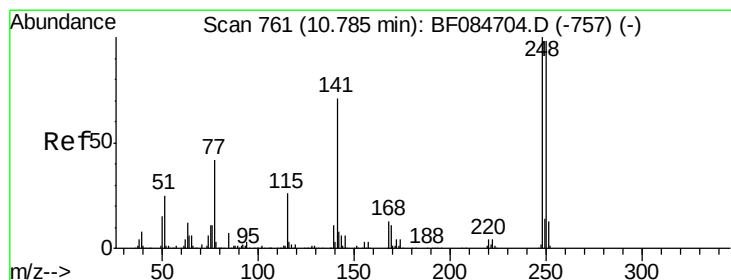
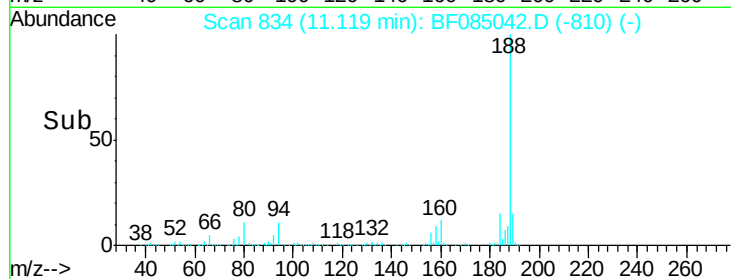
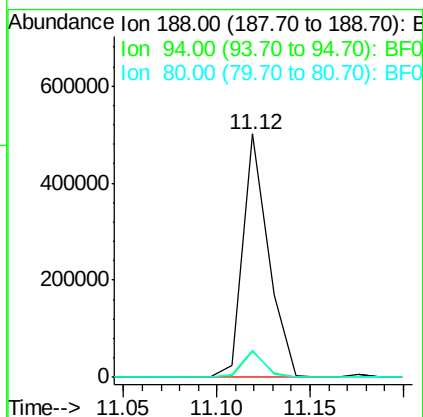
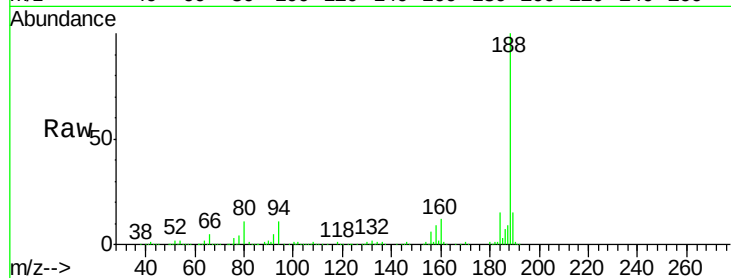




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

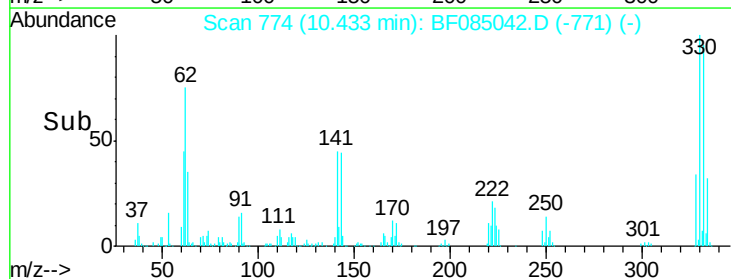
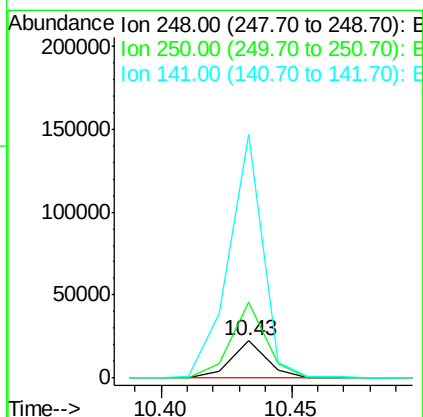
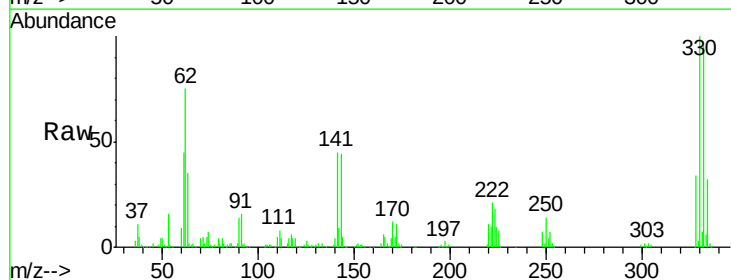
Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

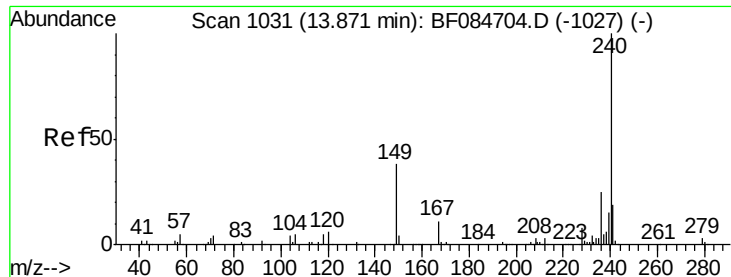
Tgt Ion:188 Resp: 479940
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.3 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Tgt Ion:248 Resp: 21462
Ion Ratio Lower Upper
248 100
250 203.0 78.4 117.6#
141 652.9 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

Instrument :

BNA_F

ClientSampleId :

S4-B005(11-13)

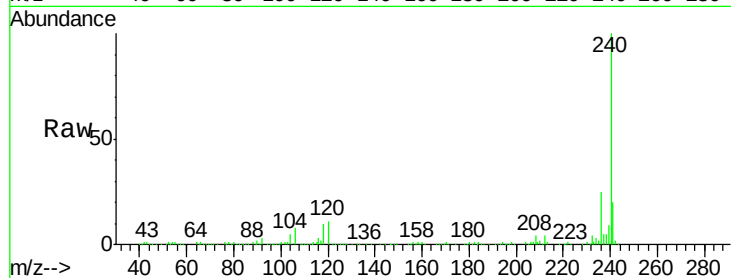
Tgt Ion:240 Resp: 326518

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

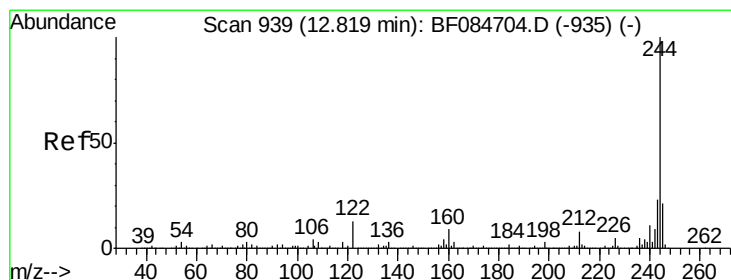
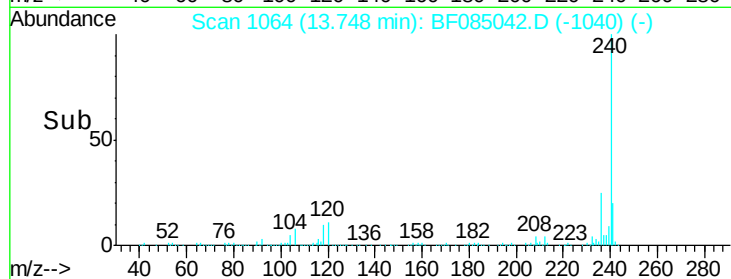
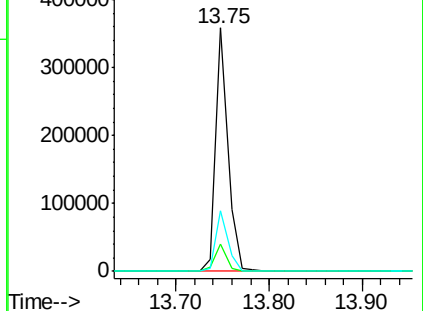
236 25.1 20.6 31.0



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: 106.82 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085042.D

Acq: 12 Feb 2016 5:35

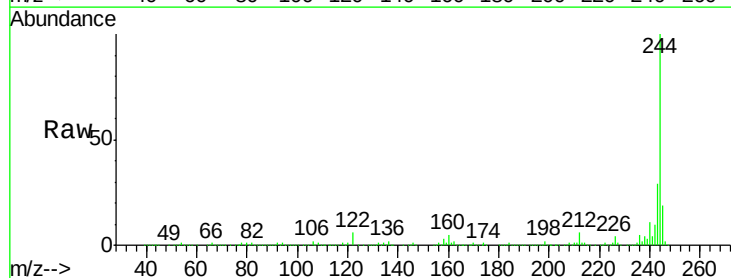
Tgt Ion:244 Resp: 1539122

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

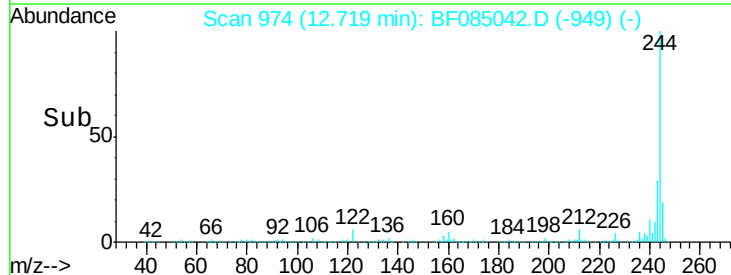
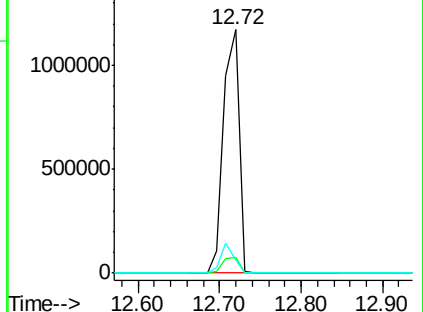
122 5.6 7.4 11.0#

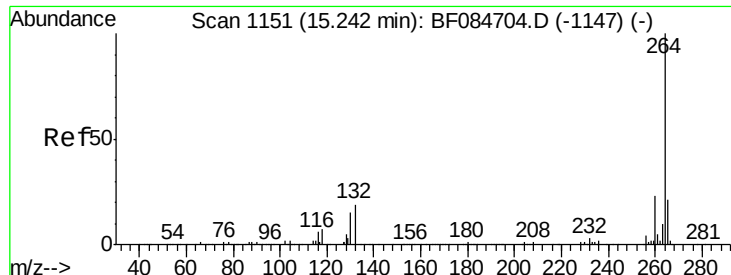


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

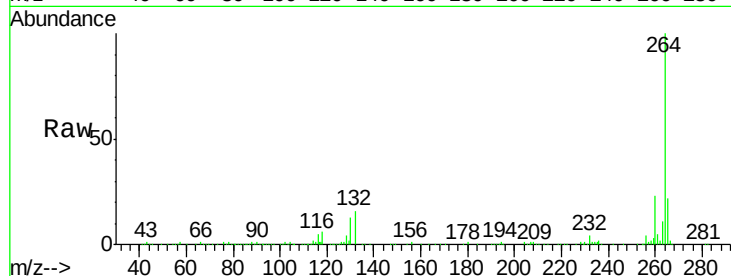




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085042.D
Acq: 12 Feb 2016 5:35

Instrument :
BNA_F
ClientSampleId :
S4-B005(11-13)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.8	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

