

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085015.D
 Acq On : 11 Feb 2016 13:29
 Operator : SJ/IZ
 Sample : PB88282BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BL

Quant Time: Feb 11 16:04:02 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

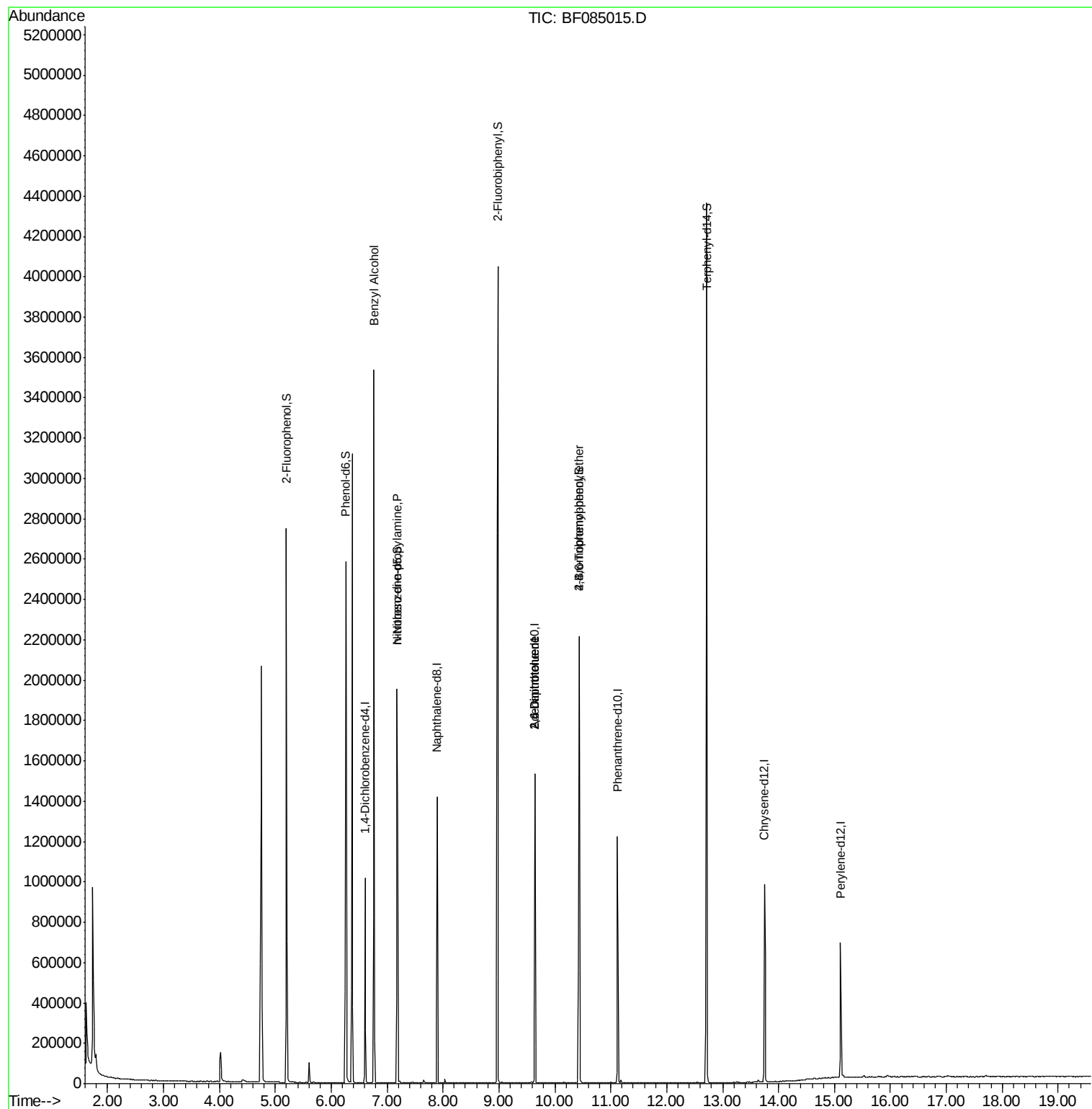
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	141769	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	631628	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	302481	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	549363	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	435490	20.00	ng	-0.02
86) Perylene-d12	15.11	264	301584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	748061	82.19	ng	0.00
7) Phenol-d6	6.26	99	856120	75.87	ng	-0.02
23) Nitrobenzene-d5	7.18	82	861559	76.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	243813	77.28	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1715946	102.69	ng	-0.01
78) Terphenyl-d14	12.72	244	1704126	88.67	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	15626	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.18	70	115106	16.27	ng	# 72
50) 2,6-Dinitrotoluene	9.64	165	39254	7.80	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	39254	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	15795	2.60	ng	# 1

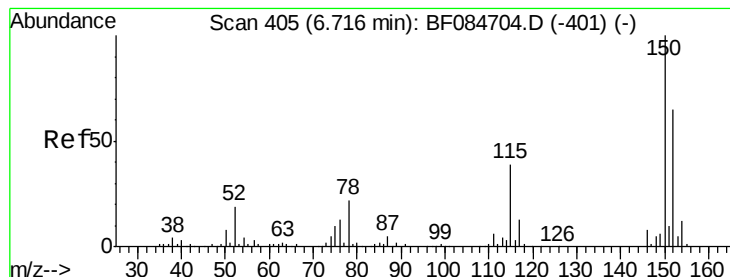
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085015.D

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Instrument :

BNA_F

ClientSampleId :

PB88282BL

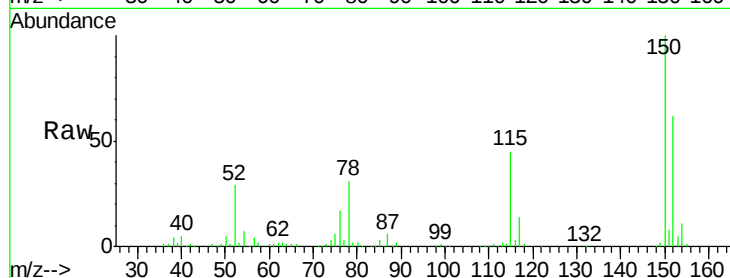
Tgt Ion:152 Resp: 141769

Ion Ratio Lower Upper

152 100

150 162.0 123.0 184.4

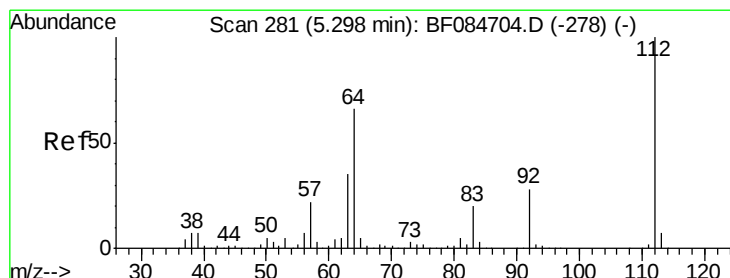
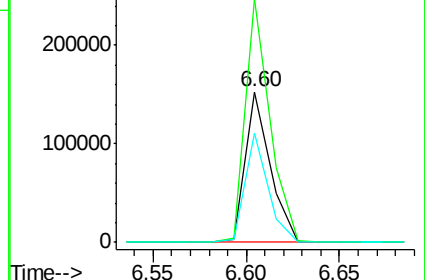
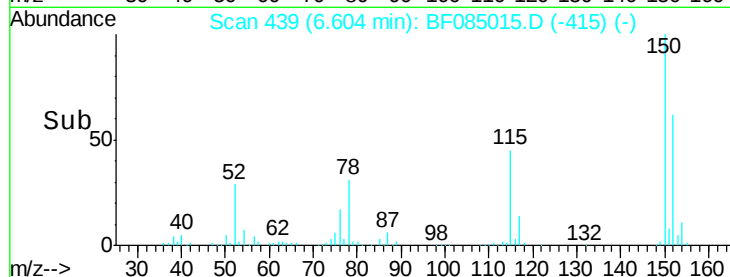
115 72.9 51.4 77.2



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: 82.19 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

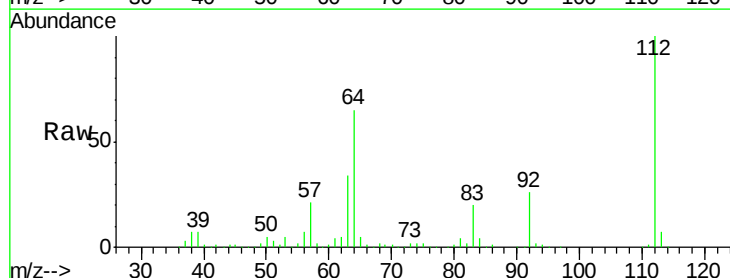
Tgt Ion:112 Resp: 748061

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

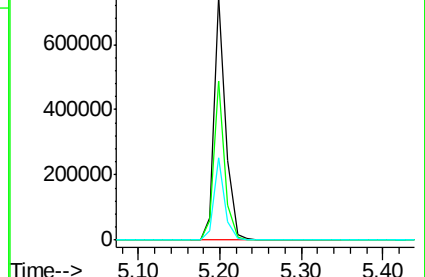
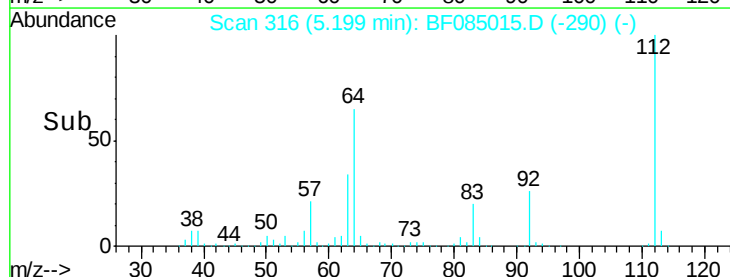
63 33.7 19.4 29.0#



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: 75.87 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085015.D

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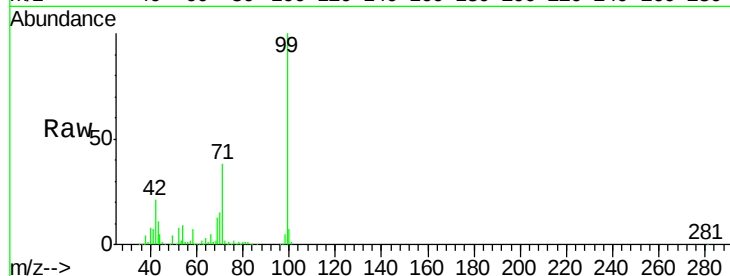
Tgt Ion: 99 Resp: 856120

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

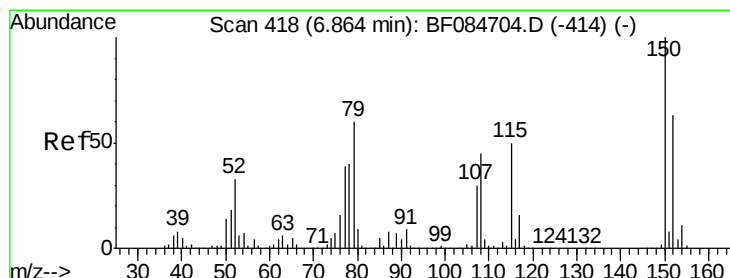
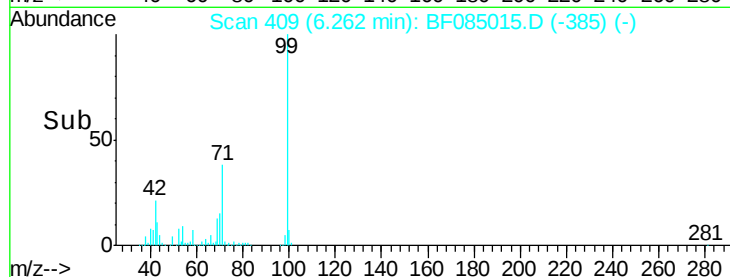
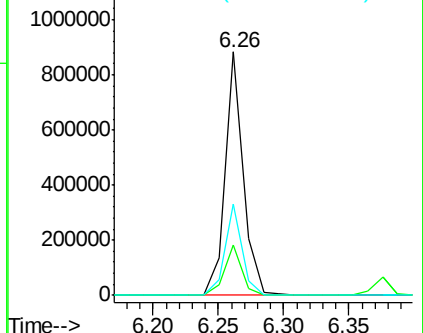
71 37.5 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

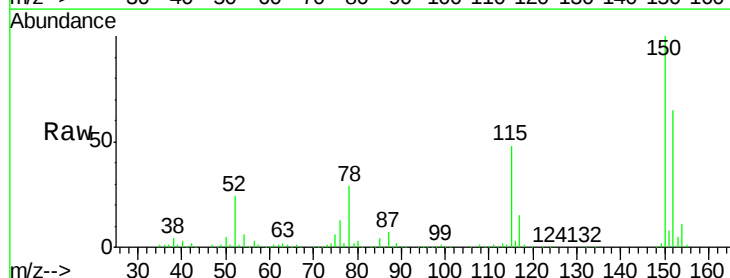
Tgt Ion: 79 Resp: 15626

Ion Ratio Lower Upper

79 100

108 29.7 69.0 103.4#

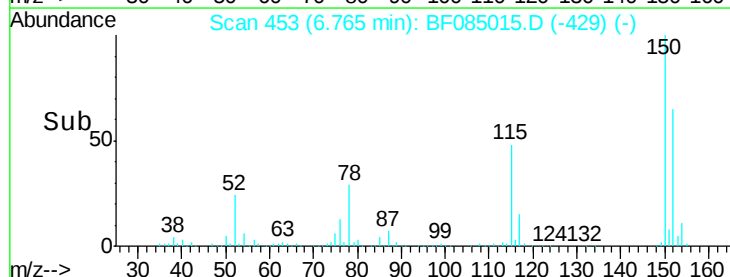
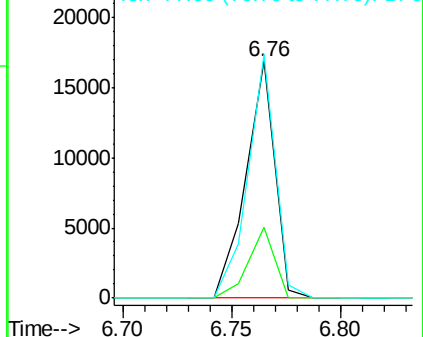
77 102.7 50.0 75.0#

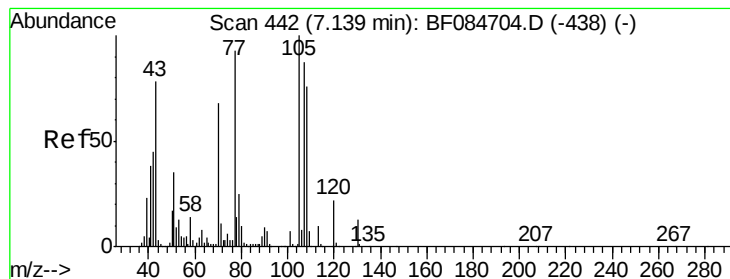


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.27 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

Instrument :

BNA_F

ClientSampleId :

PB88282BL

Tgt Ion: 70 Resp: 115106

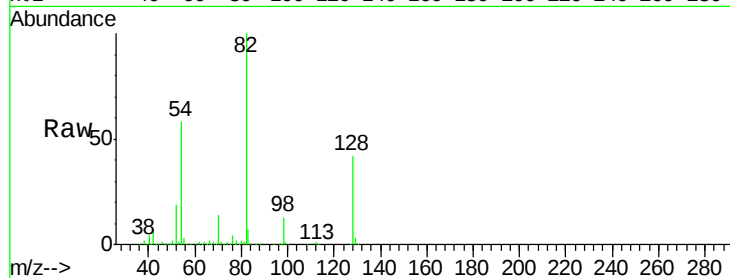
Ion Ratio Lower Upper

70 100

42 49.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

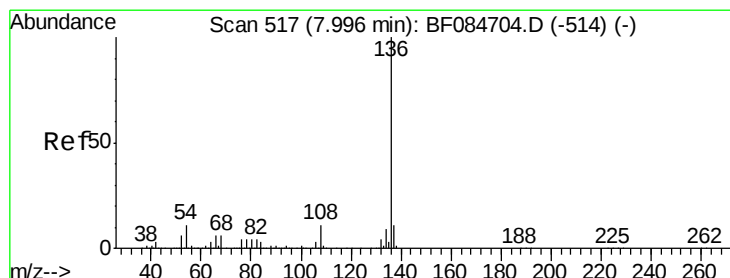
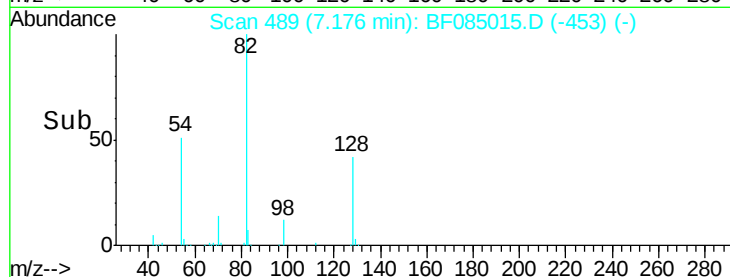
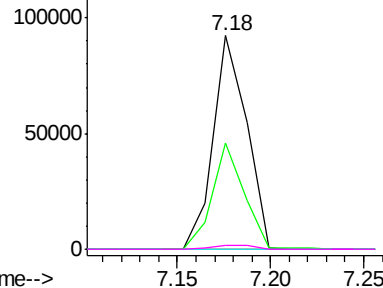


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF085015.D

Acq: 11 Feb 2016 13:29

Tgt Ion: 136 Resp: 631628

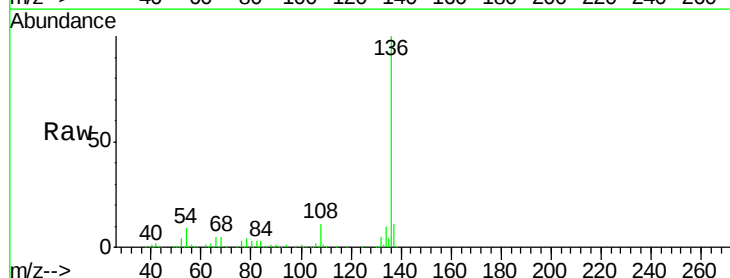
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 5.8 8.8#

68 4.8 4.2 6.2

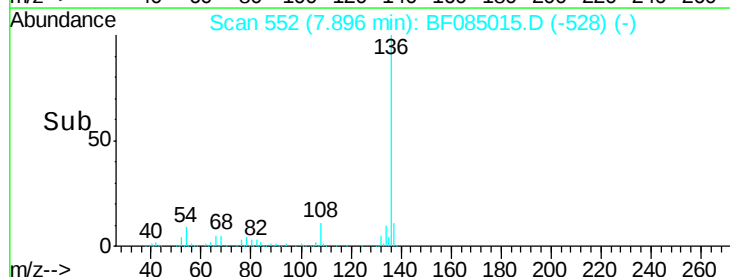
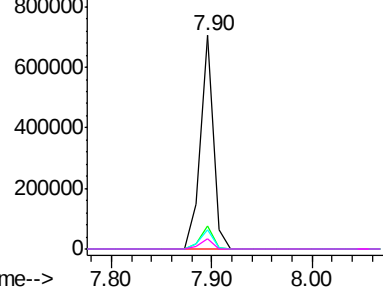


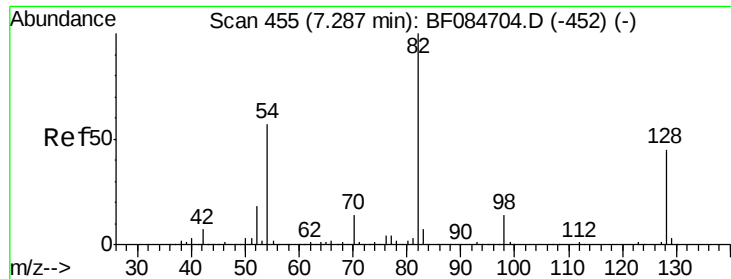
Abundance Ion 136.00 (135.70 to 136.70): E

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

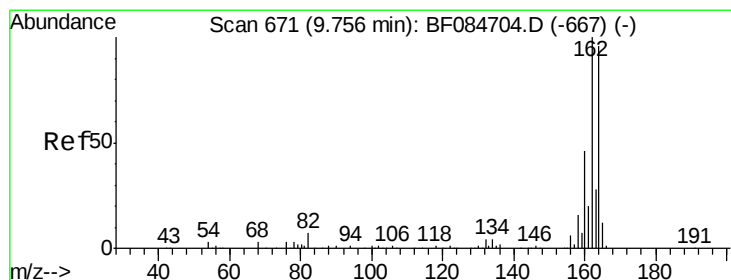
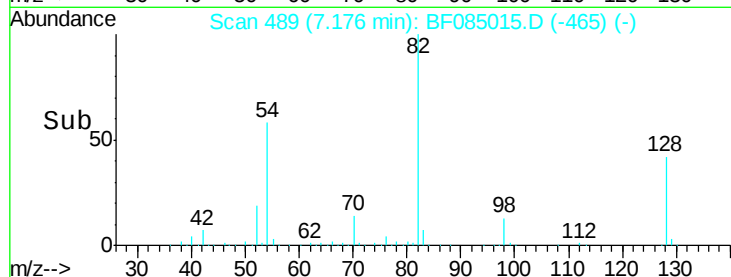
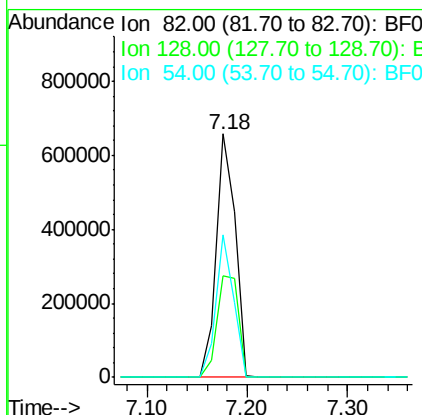
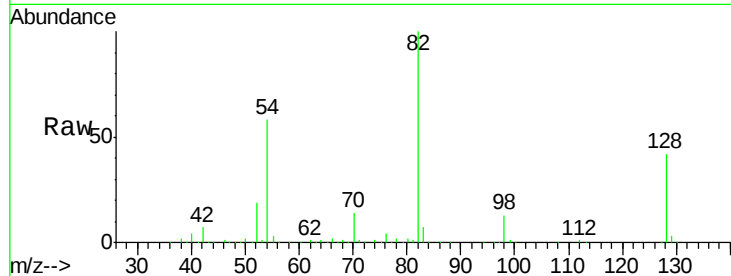




#23
 Nitrobenzene-d5
 Concen: 76.84 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

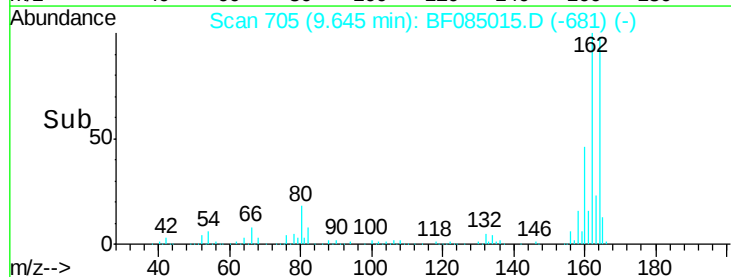
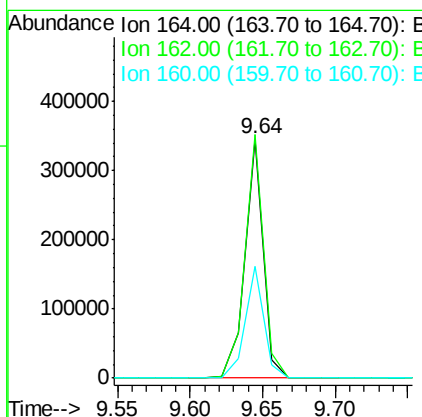
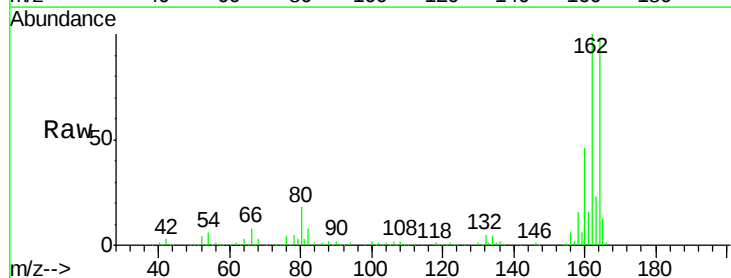
Instrument :
 BNA_F
 ClientSampled :
 PB88282BL

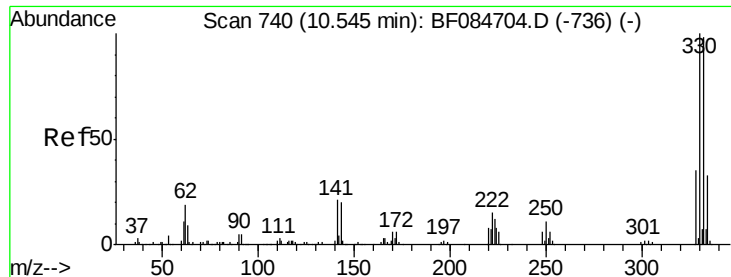
Tgt Ion: 82 Resp: 861559
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 58.3 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Tgt Ion:164 Resp: 302481
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 46.8 37.5 56.3

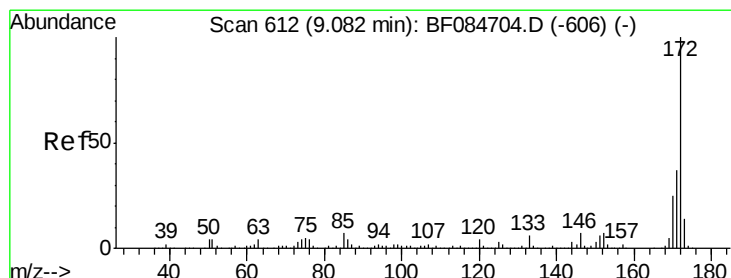
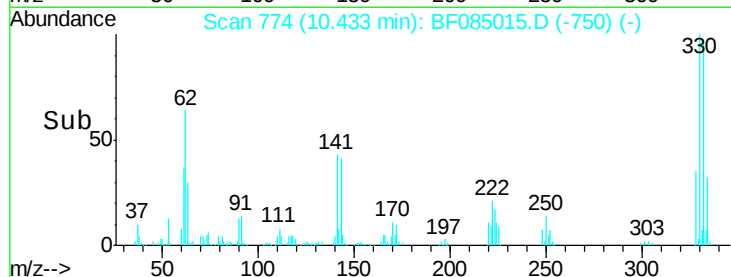
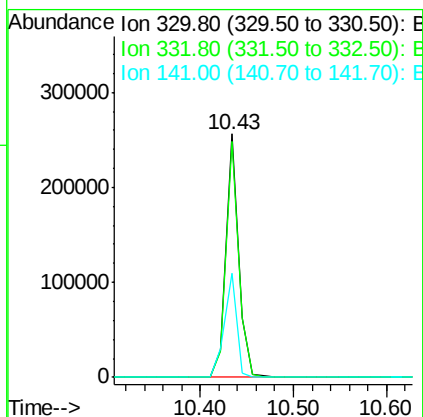
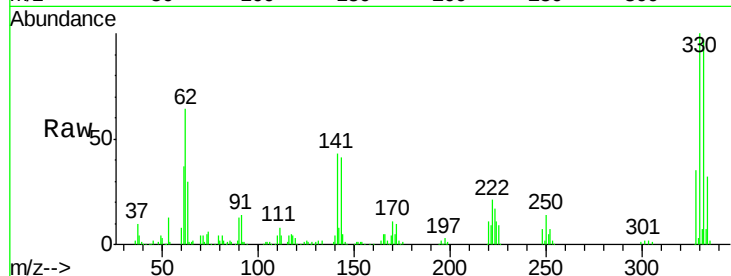




#41
 2,4,6-Tribromophenol
 Concen: 77.28 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

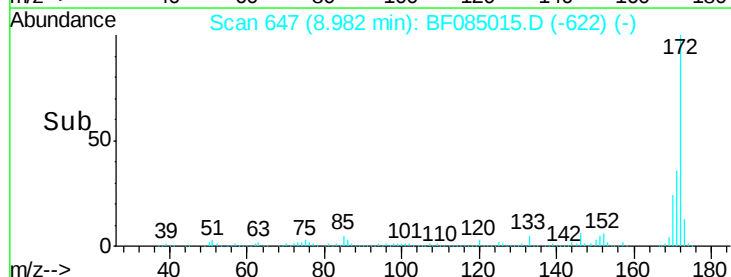
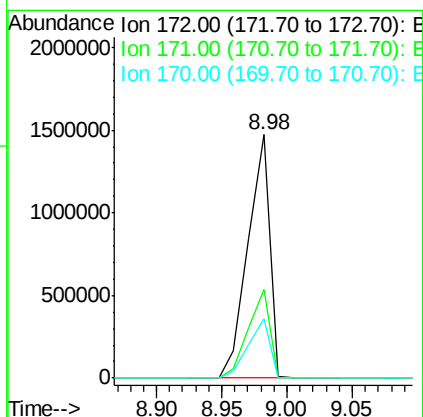
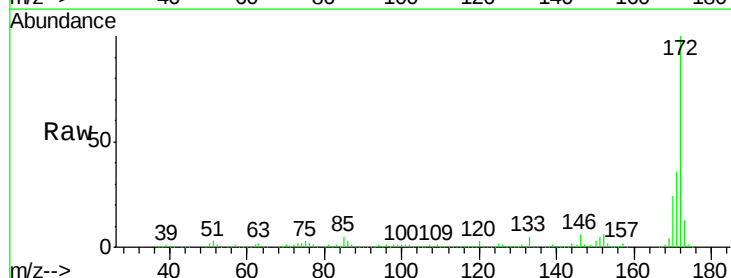
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BL

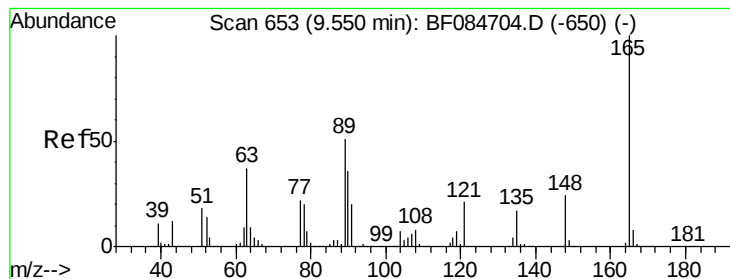
Tgt Ion:330 Resp: 243813
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 41.1 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 102.69 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Tgt Ion:172 Resp: 1715946
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.5 18.6 27.8





#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.17 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

Instrument :

BNA_F

ClientSampleId :

PB88282BL

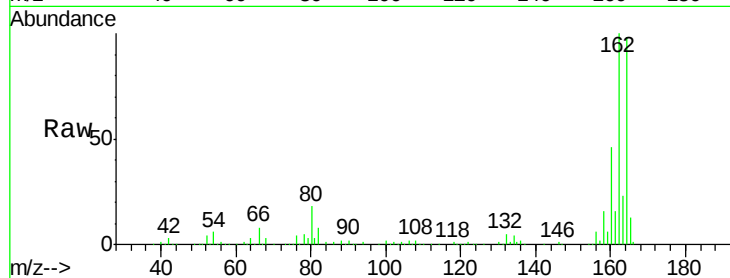
Tgt Ion:165 Resp: 39254

Ion Ratio Lower Upper

165 100

63 1.1 28.8 43.2#

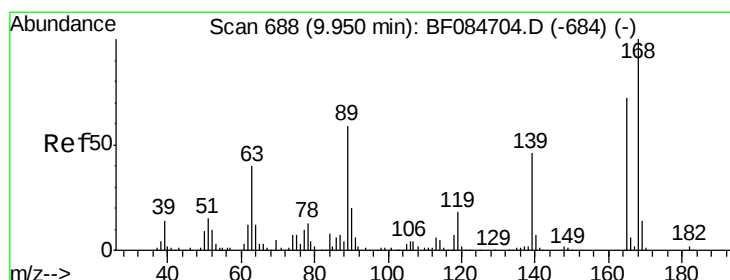
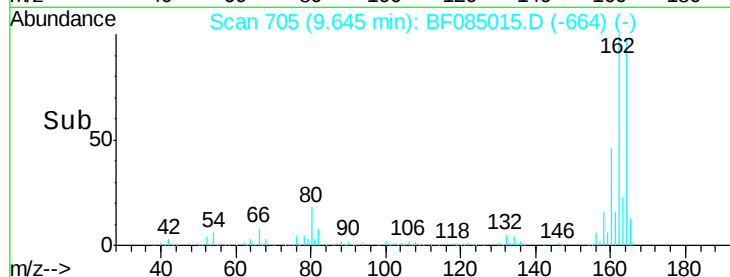
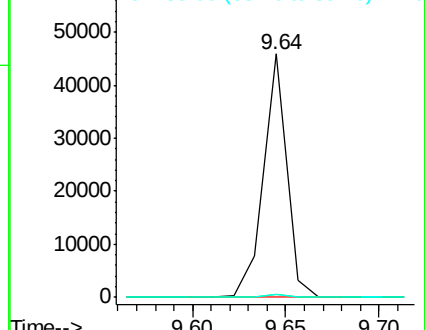
89 1.3 35.1 52.7#



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: 6.12 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

Tgt Ion:165 Resp: 39254

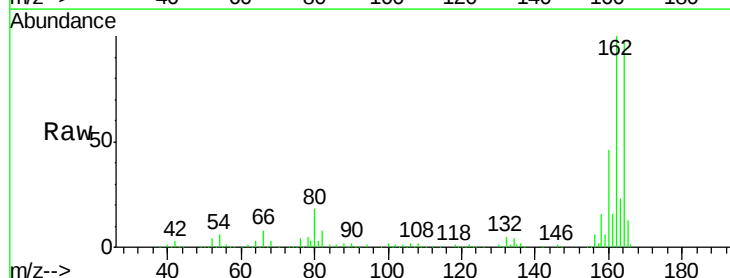
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

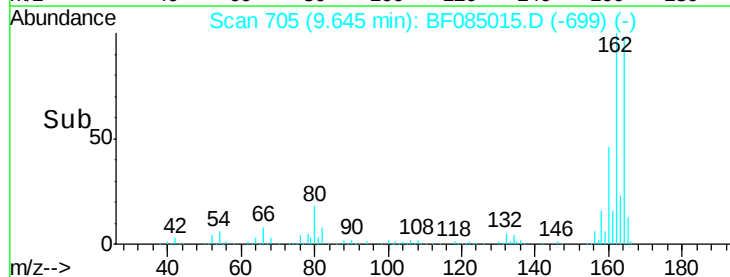
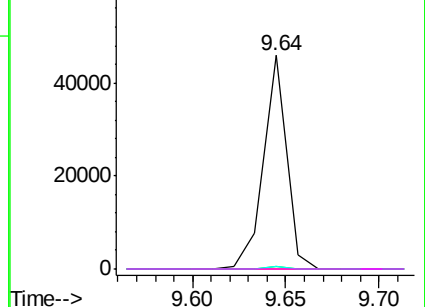


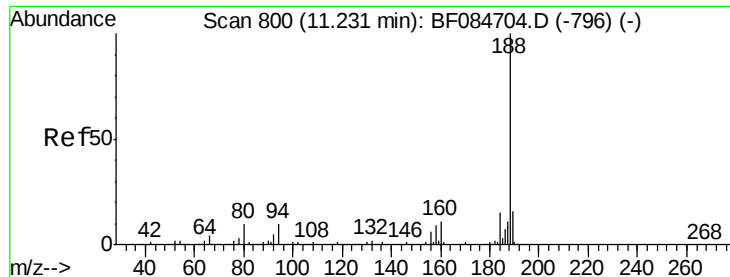
Abundance Ion 165.00 (164.70 to 165.70): E

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

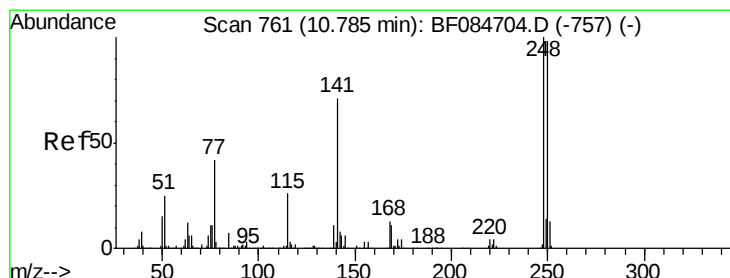
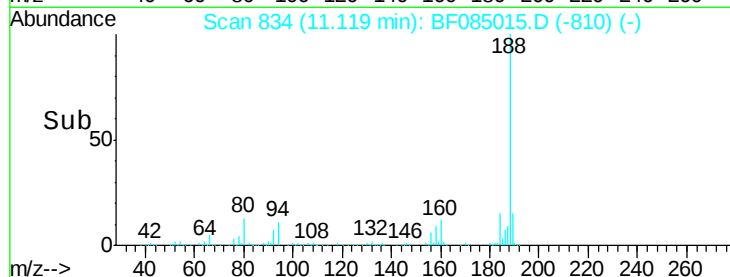
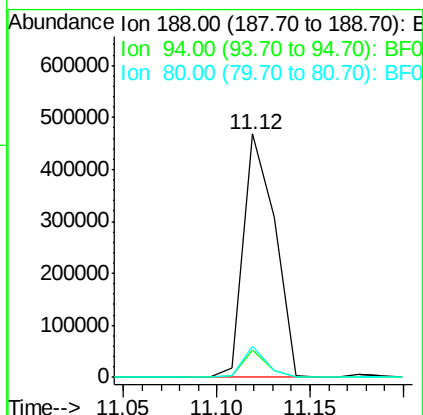
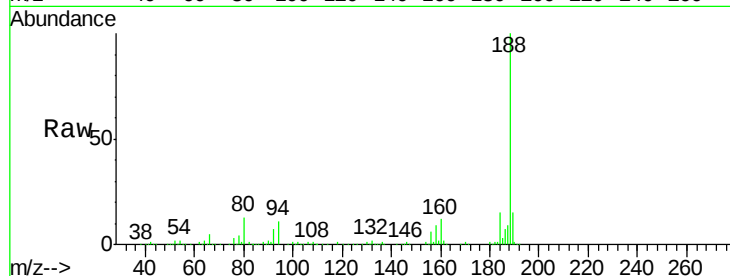




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085015.D
Acq: 11 Feb 2016 13:29

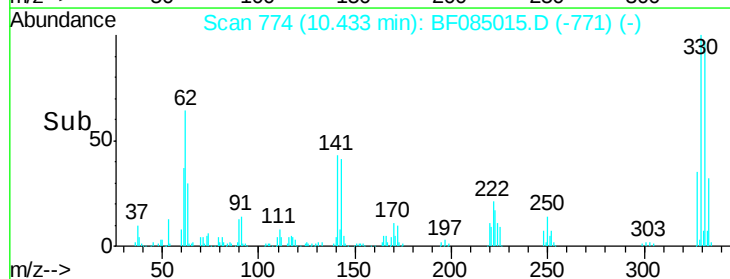
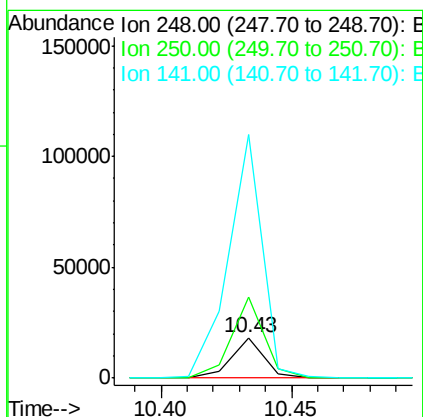
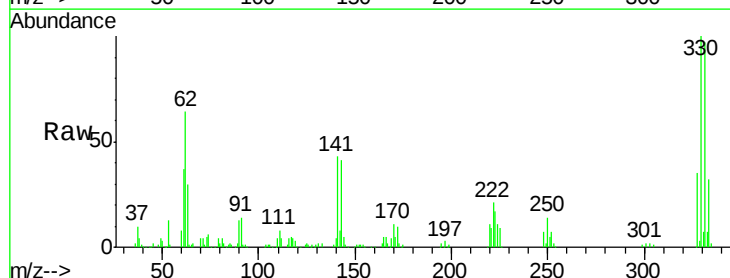
Instrument :
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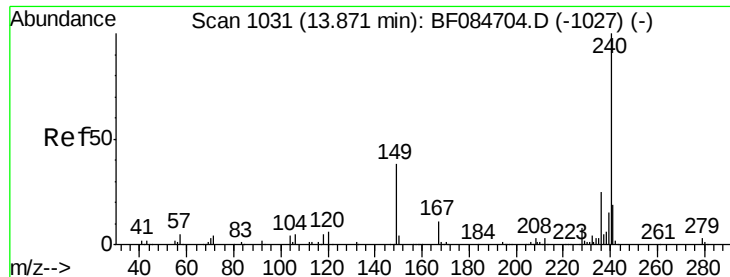
Tgt Ion:188 Resp: 549363
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 12.8 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085015.D
Acq: 11 Feb 2016 13:29

Tgt Ion:248 Resp: 15795
Ion Ratio Lower Upper
248 100
250 201.7 78.4 117.6#
141 603.5 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: BF085015.D

Acq: 11 Feb 2016 13:29

Instrument :

BNA_F

ClientSampleId :

PB88282BL

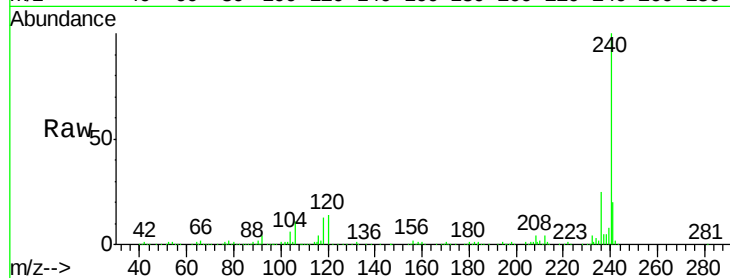
Tgt Ion:240 Resp: 435490

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

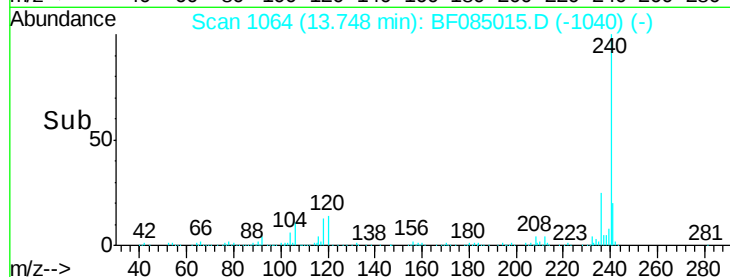
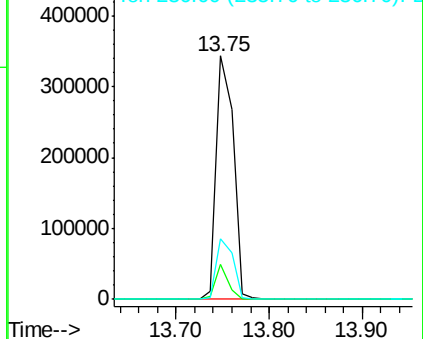
236 25.0 20.6 31.0



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: 88.67 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

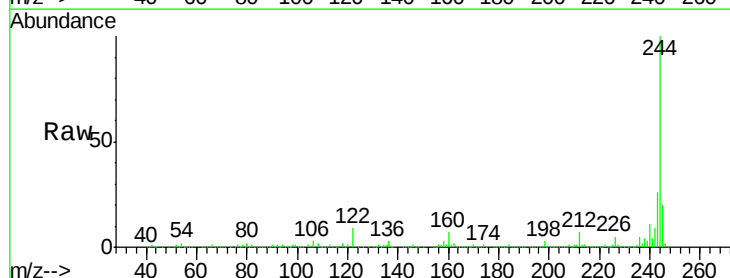
Tgt Ion:244 Resp: 1704126

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

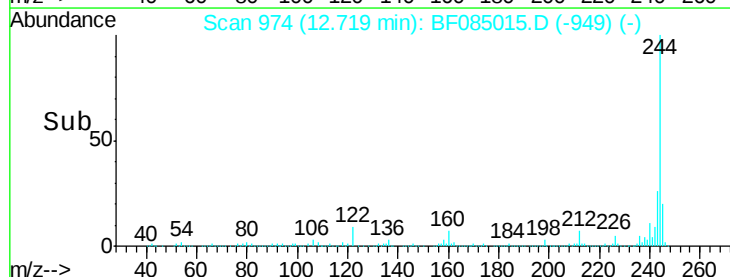
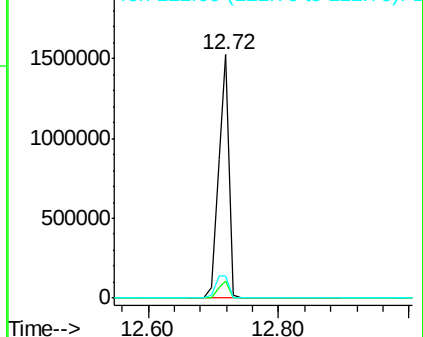
122 9.1 7.4 11.0

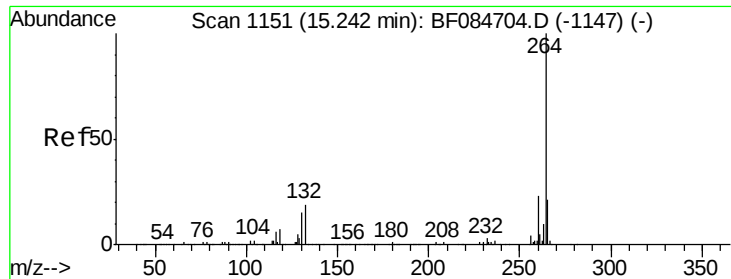


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085015.D
Acq: 11 Feb 2016 13:29

Instrument :
BNA_F
ClientSampleId :
PB88282BL

Tgt Ion: 264 Resp: 301584
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.7 17.8 26.6

