

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085330.D
 Acq On : 10 Mar 2016 13:36
 Operator : UM/SJ
 Sample : PB88788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BL

Quant Time: Mar 10 16:13:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

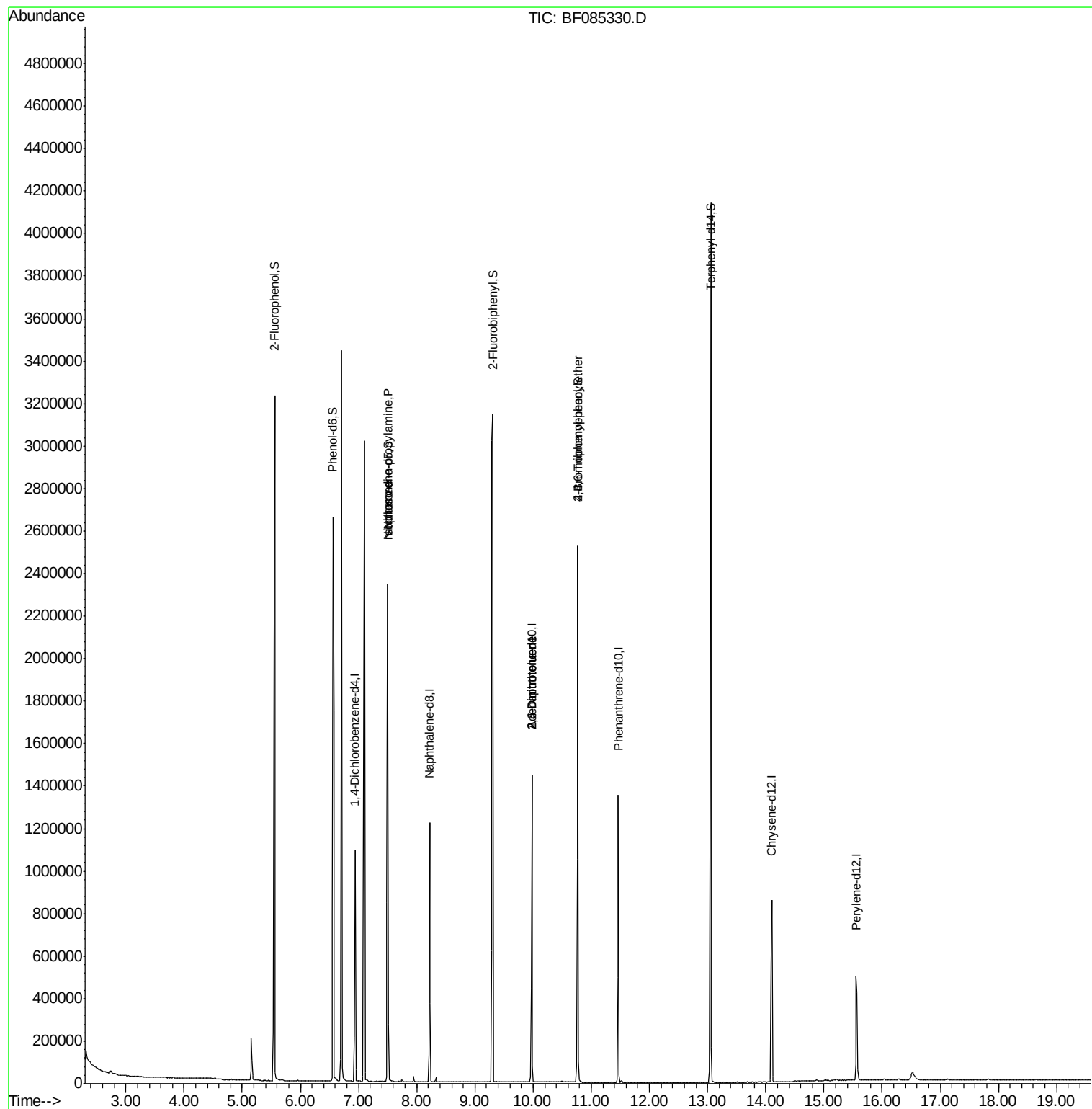
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	157226	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	593452	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	291419	20.00	ng	-0.05
63) Phenanthrene-d10	11.47	188	533279	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	374466	20.00	ng	-0.05
86) Perylene-d12	15.56	264	266714	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1178258	125.70	ng	-0.02
7) Phenol-d6	6.56	99	1430535	116.49	ng	-0.05
23) Nitrobenzene-d5	7.50	82	851380	76.77	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	323994	129.93	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1609433	83.99	ng	-0.05
78) Terphenyl-d14	13.05	244	1331580	82.55	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	111134	13.88	ng	# 79
25) Isophorone	7.50	82	641242	31.20	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	37699	7.88	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	37700	6.16	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	22945	4.43	ng	# 1

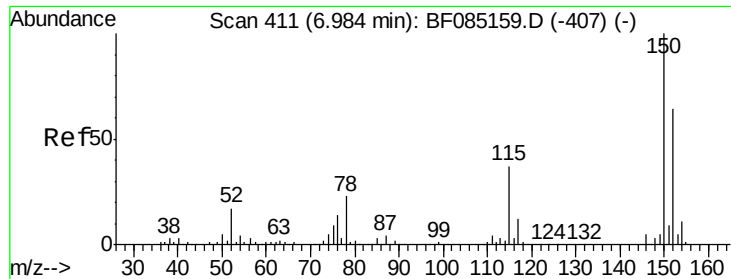
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Instrument :

BNA_F

ClientSampleId :

PB88788BL

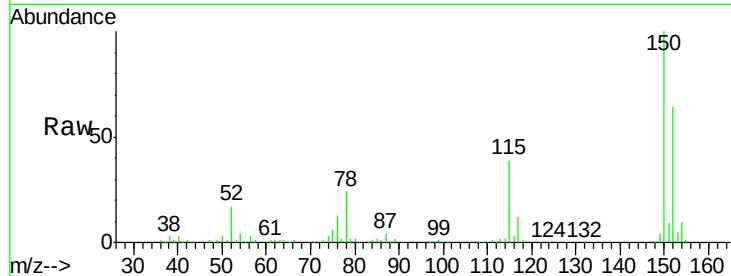
Tgt Ion:152 Resp: 157226

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

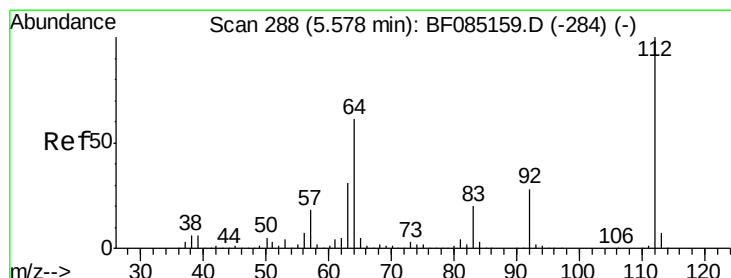
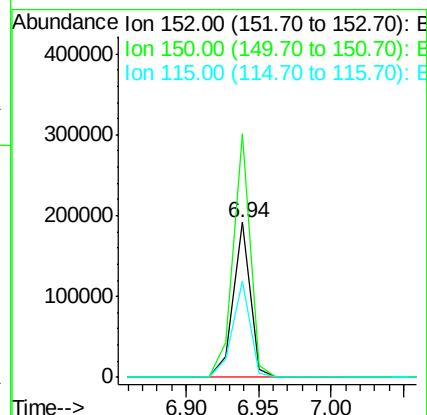
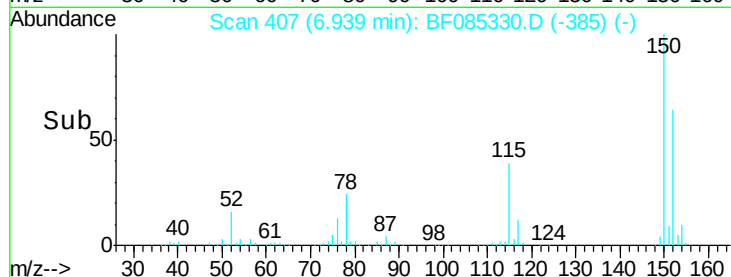
115 61.9 46.6 70.0



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: 125.70 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

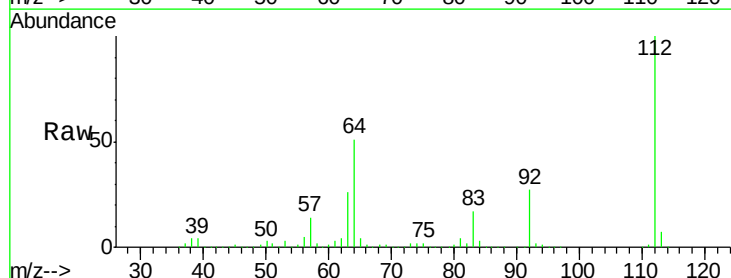
Tgt Ion:112 Resp: 1178258

Ion Ratio Lower Upper

112 100

64 51.2 49.0 73.4

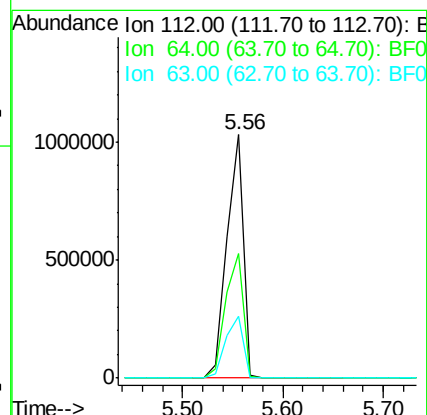
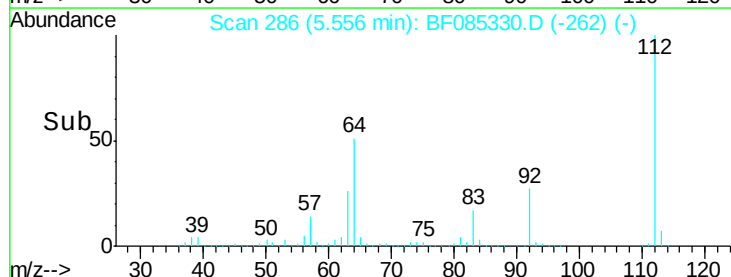
63 25.6 24.8 37.2

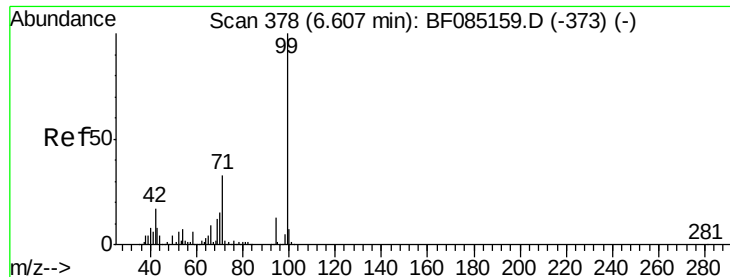


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.49 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Instrument :

BNA_F

ClientSampleId :

PB88788BL

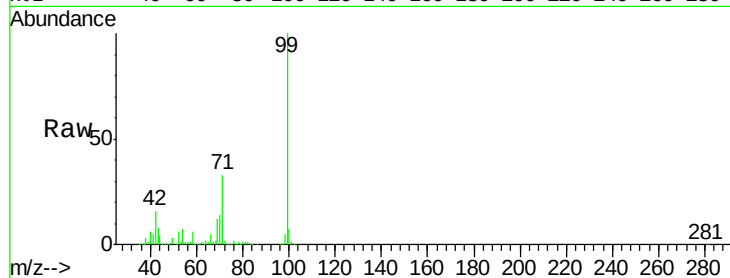
Tgt Ion: 99 Resp: 1430535

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

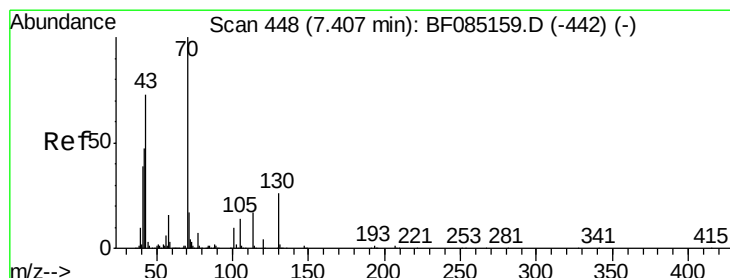
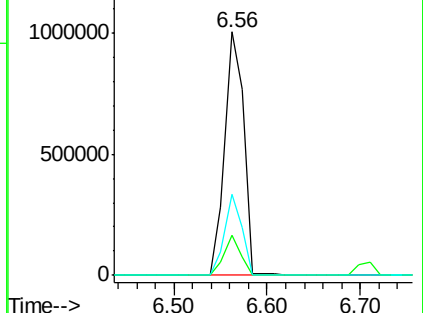
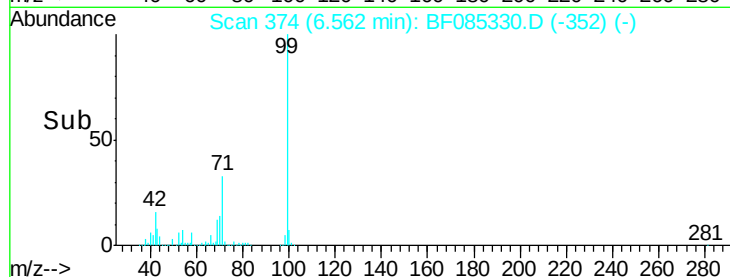
71 33.5 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.88 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Tgt Ion: 70 Resp: 111134

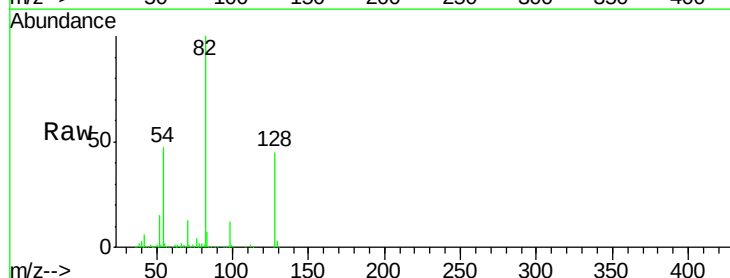
Ion Ratio Lower Upper

70 100

42 43.0 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

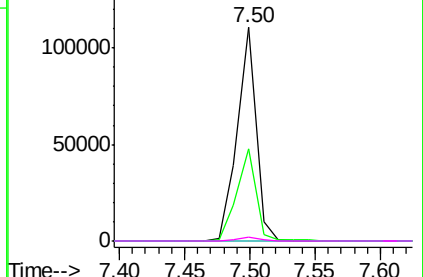
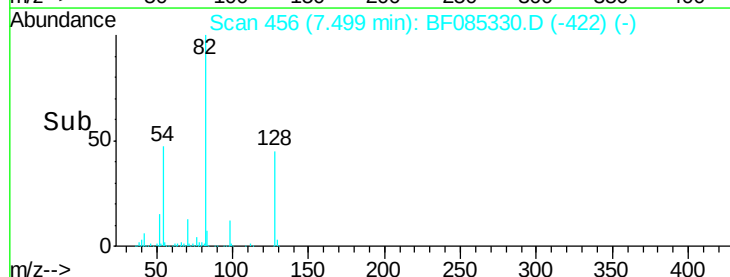


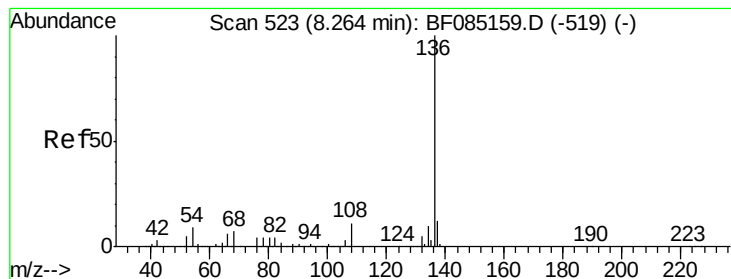
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Instrument :

BNA_F

ClientSampleId :

PB88788BL

Tgt Ion:136 Resp: 593452

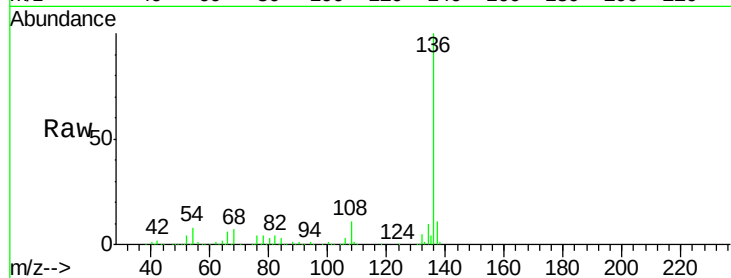
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.2 7.4 11.2

68 6.6 6.0 9.0

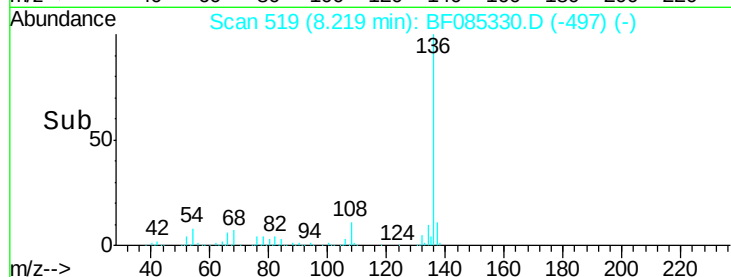


Abundance Ion 136.00 (135.70 to 136.70): E

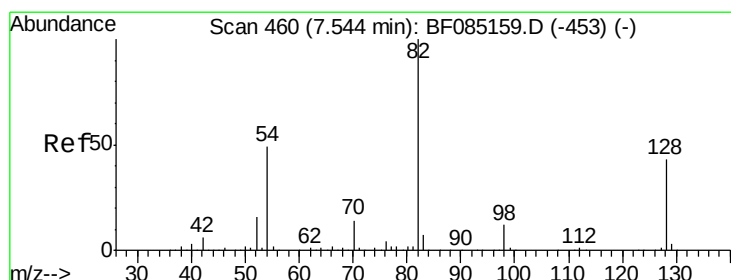
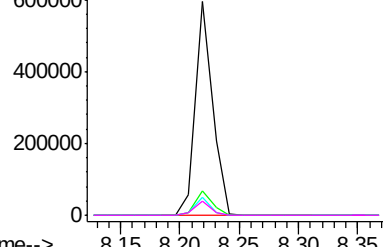
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.77 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

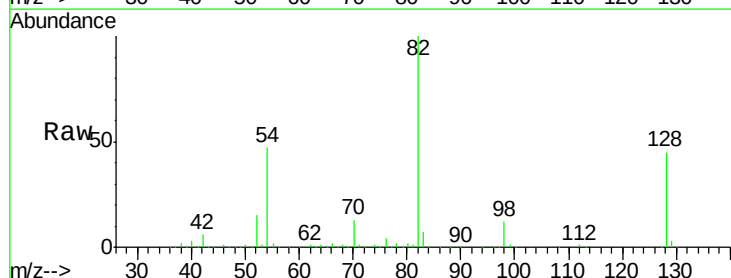
Tgt Ion: 82 Resp: 851380

Ion Ratio Lower Upper

82 100

128 44.7 34.5 51.7

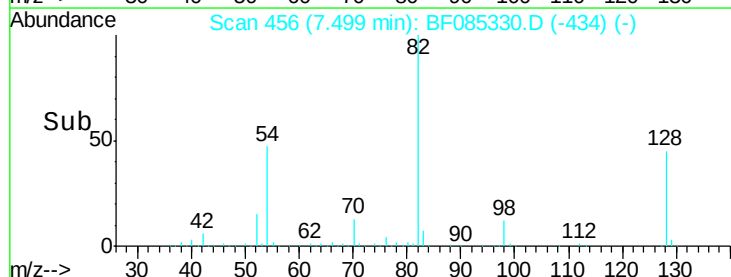
54 46.6 39.3 58.9



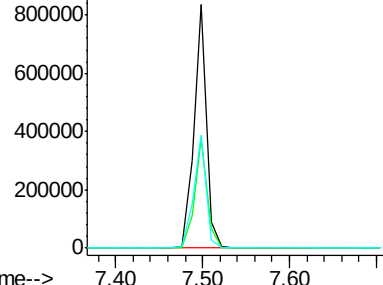
Abundance Ion 82.00 (81.70 to 82.70): BF0

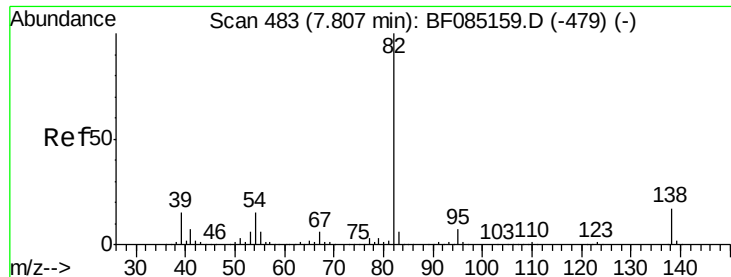
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 31.20 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Instrument :

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PB88788BL

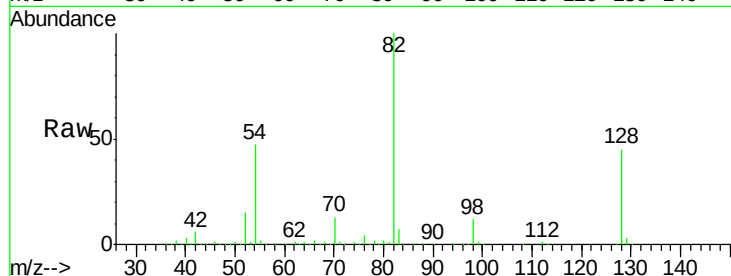
Tgt Ion: 82 Resp: 641242

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#

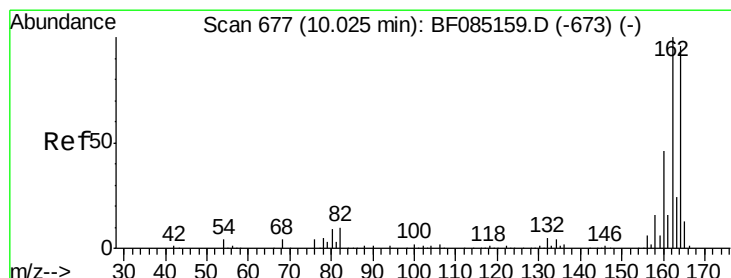
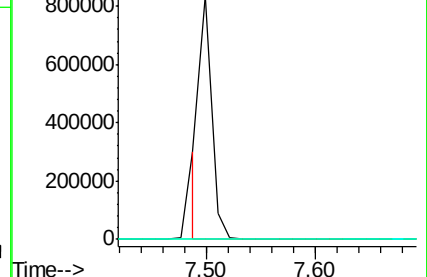
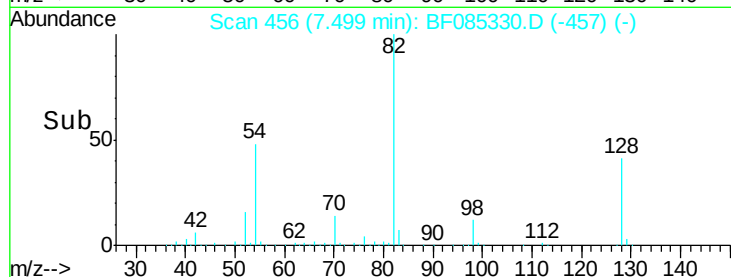


Abundance Ion 82.00 (81.70 to 82.70): BF085330.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF085330.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF085330.D (-457) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

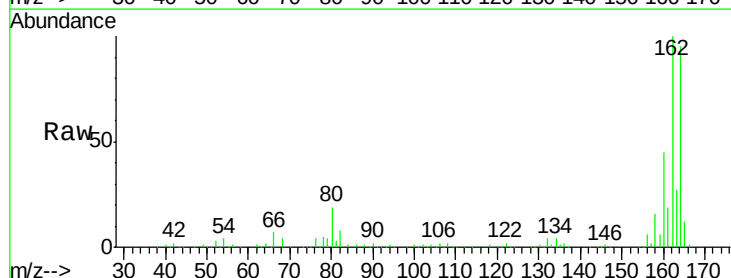
Tgt Ion: 164 Resp: 291419

Ion Ratio Lower Upper

164 100

162 104.7 83.3 124.9

160 46.9 37.9 56.9

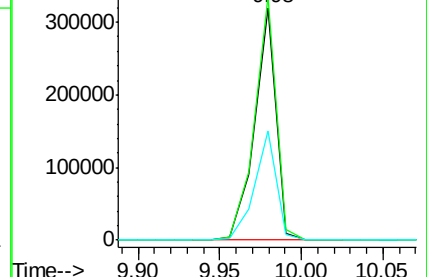
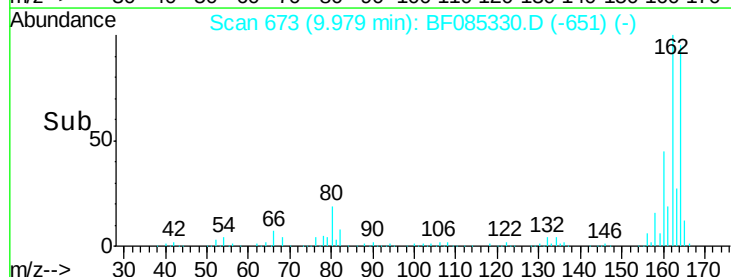


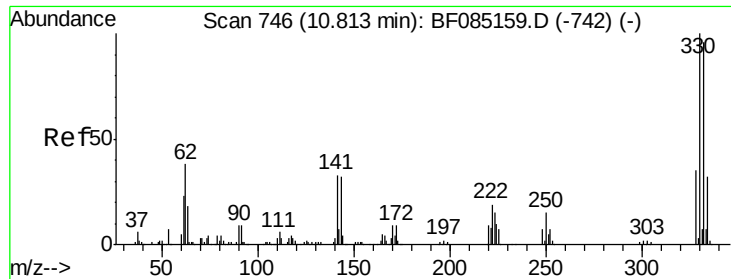
Abundance Ion 164.00 (163.70 to 164.70): BF085330.D (-651) (-)

Ion 162.00 (161.70 to 162.70): BF085330.D (-651) (-)

Ion 160.00 (159.70 to 160.70): BF085330.D (-651) (-)

Time-->

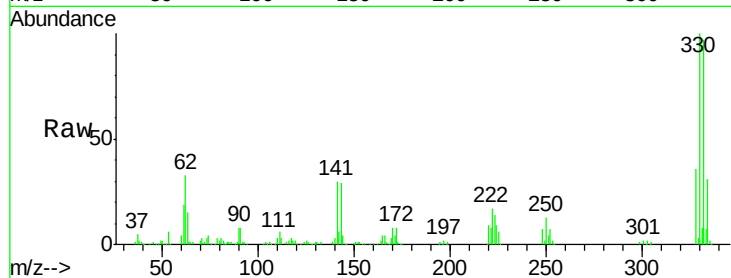




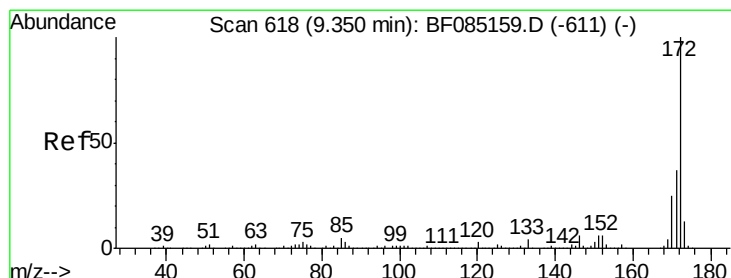
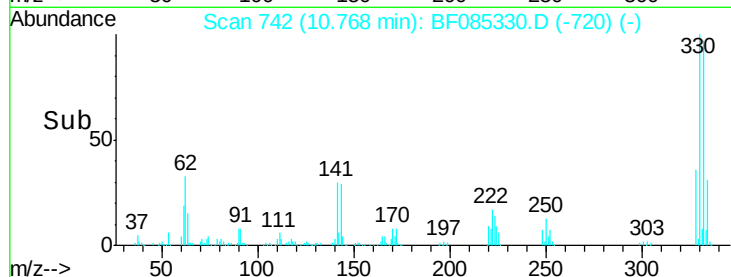
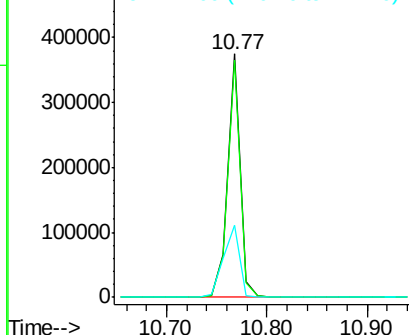
#41
 2,4,6-Tribromophenol
 Concen: 129.93 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085330.D
 Acq: 10 Mar 2016 13:36

Instrument :
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 PB88788BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	38.0	35.0	52.6

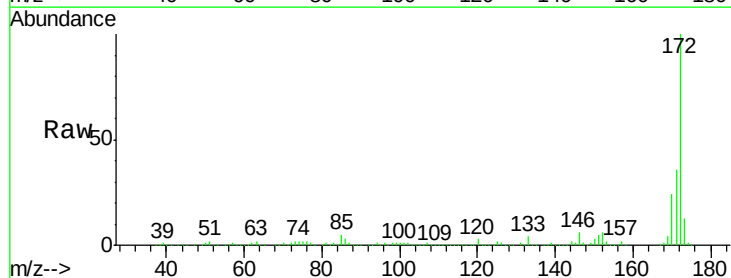


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

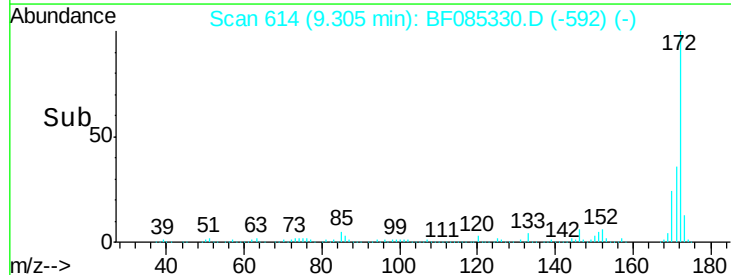
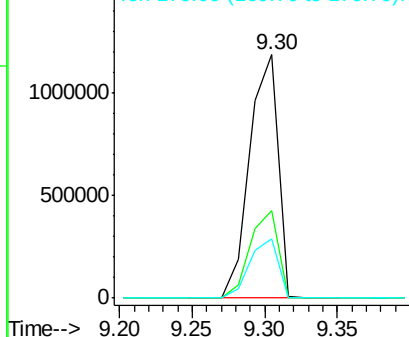


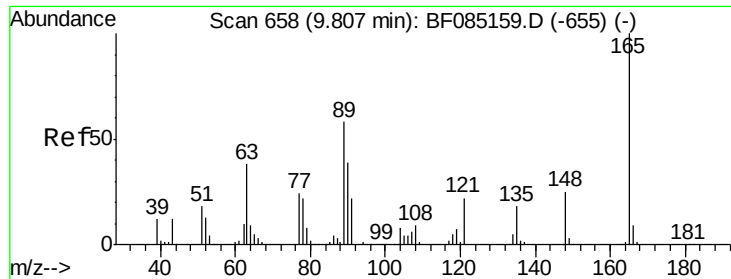
#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085330.D
 Acq: 10 Mar 2016 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	24.3	20.0	30.0



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

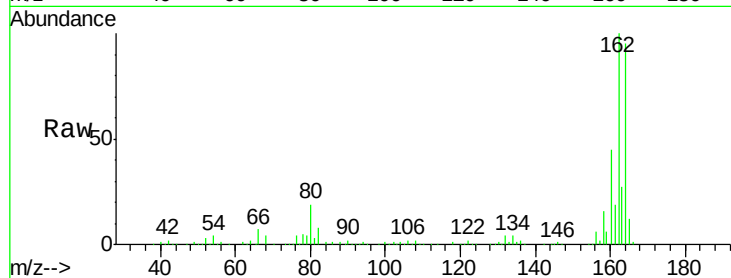




#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.17 min
 Lab File: BF085330.D
 Acq: 10 Mar 2016 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88788BL

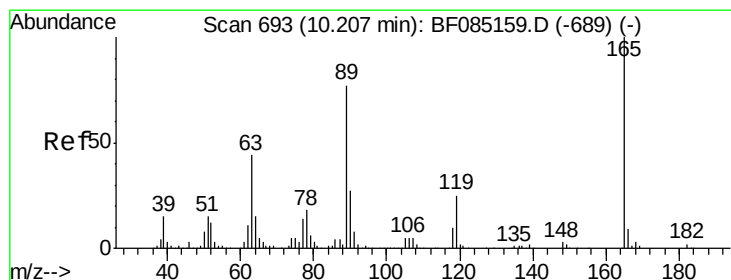
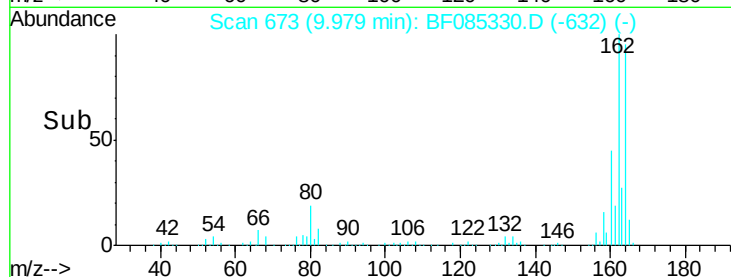
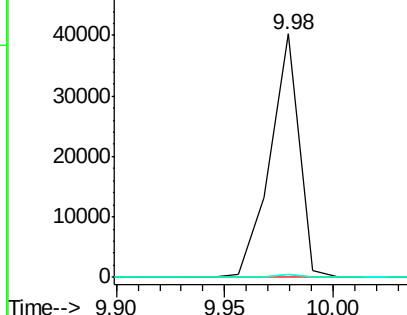
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.8	62.8#
89	1.5	46.7	70.1#



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: 6.16 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF085330.D
 Acq: 10 Mar 2016 13:36

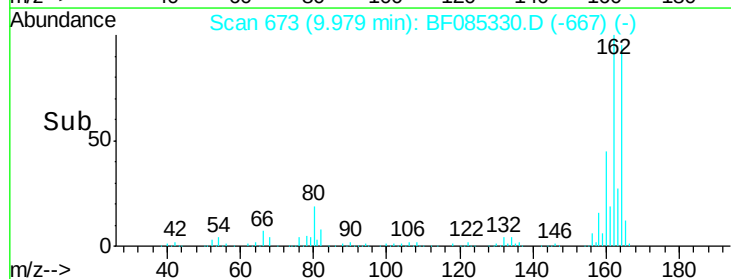
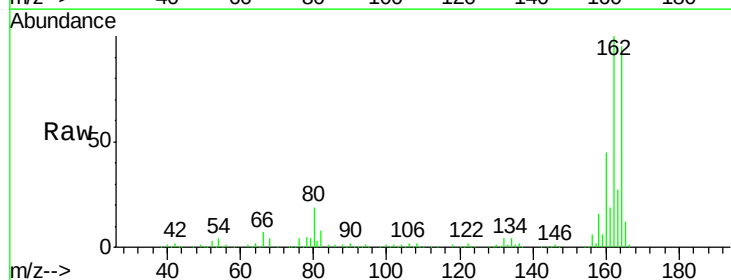
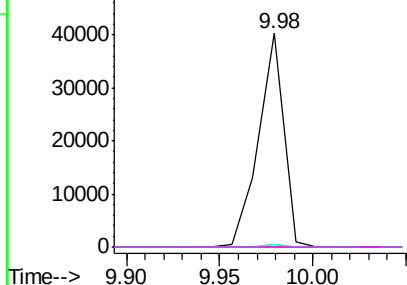
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#

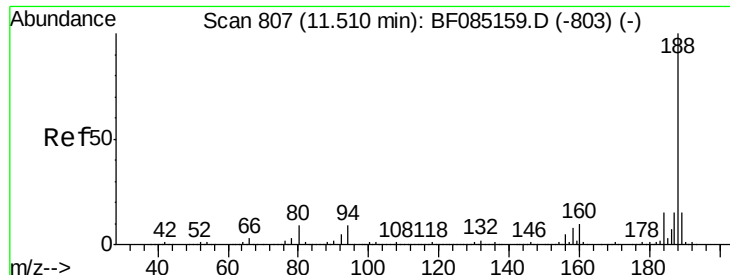
Abundance Ion 165.00 (164.70 to 165.70): E

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

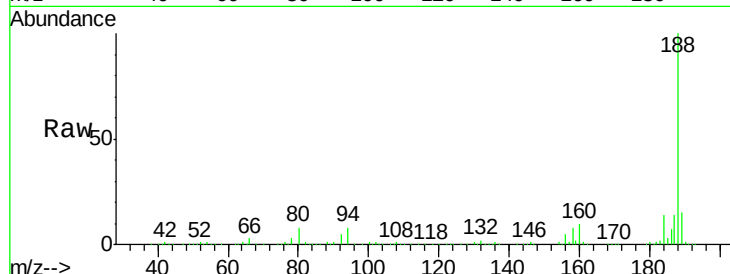




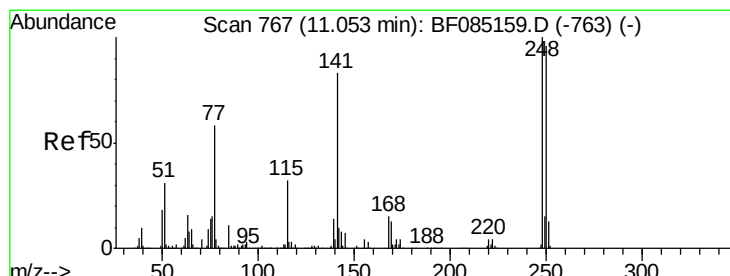
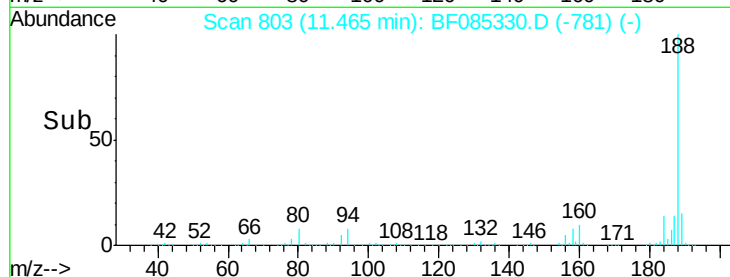
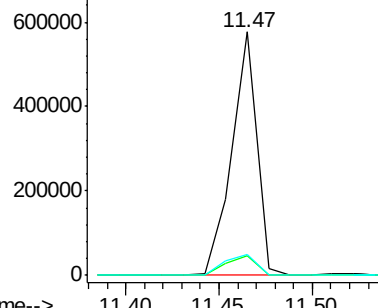
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085330.D
Acq: 10 Mar 2016 13:36

Instrument :
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PB88788BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.4	7.4	11.0

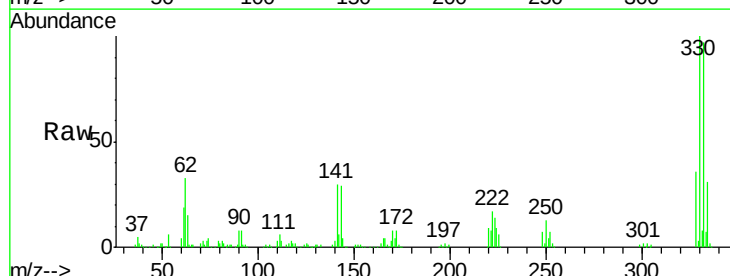


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

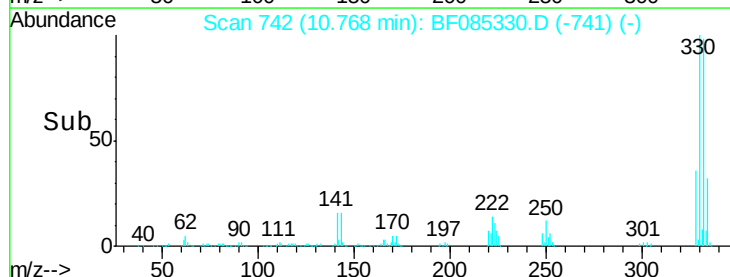
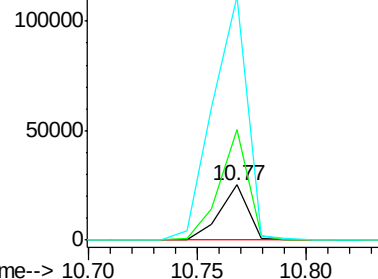


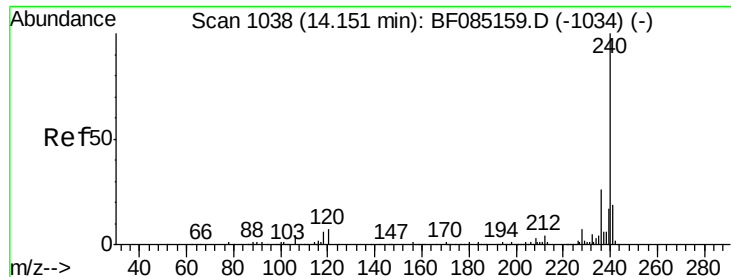
#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085330.D
Acq: 10 Mar 2016 13:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.1	115.7#
141	441.0	66.2	99.2#



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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

Instrument :

BNA_F

ClientSampleId :

PB88788BL

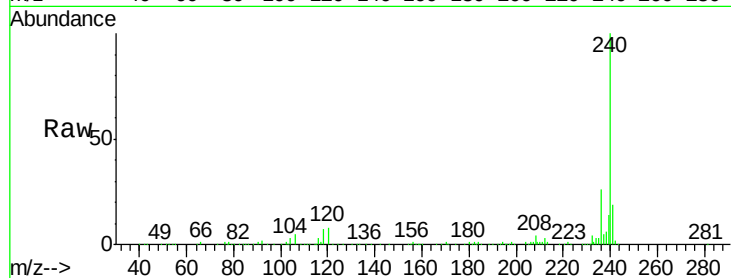
Tgt Ion:240 Resp: 374466

Ion Ratio Lower Upper

240 100

120 8.4 5.3 7.9#

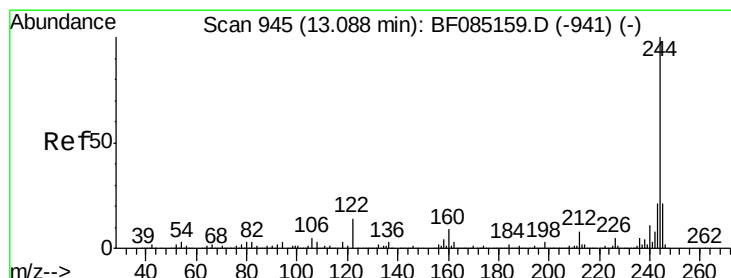
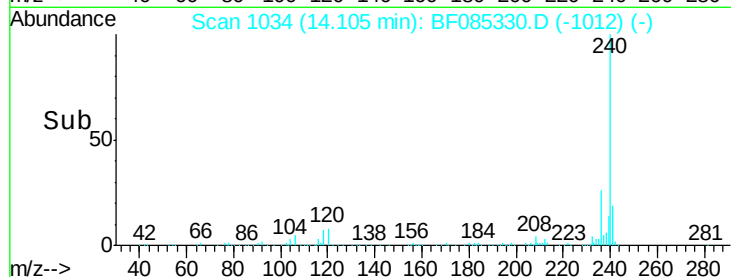
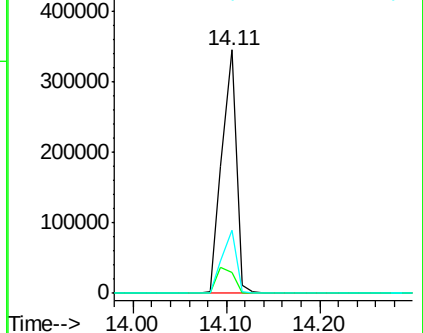
236 26.0 20.7 31.1



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: 82.55 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085330.D

Acq: 10 Mar 2016 13:36

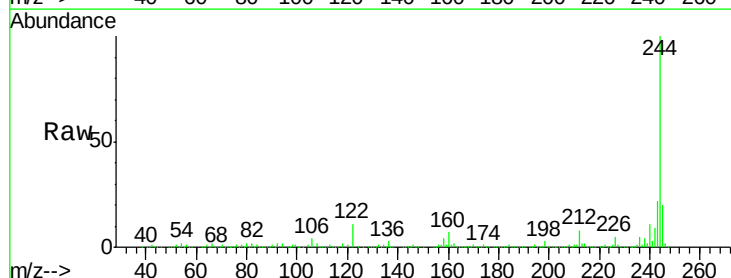
Tgt Ion:244 Resp: 1331580

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

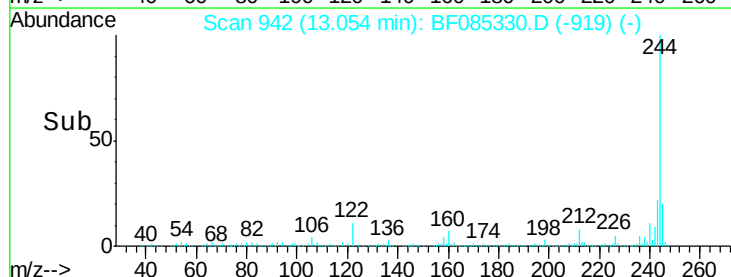
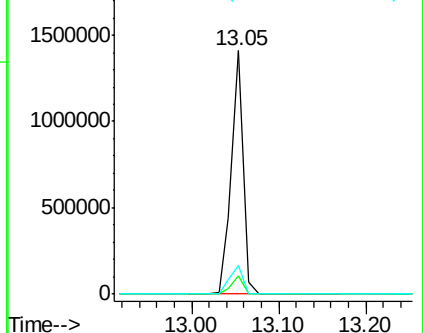
122 11.5 11.4 17.2

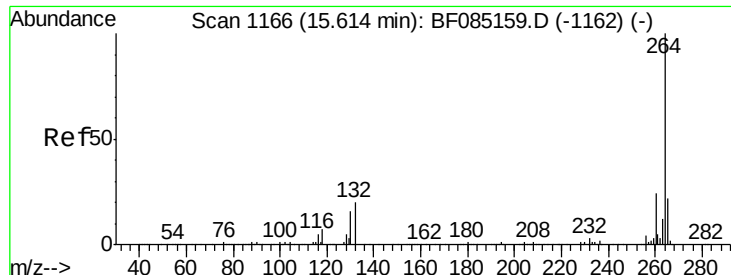


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

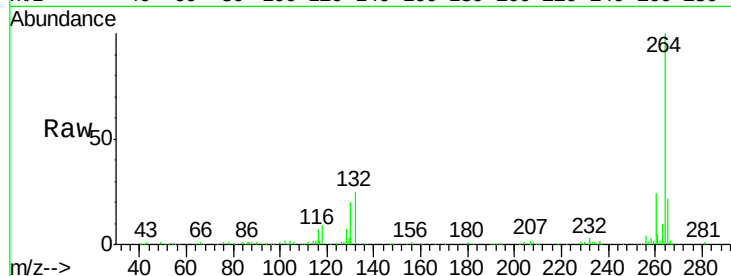




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF085330.D
Acq: 10 Mar 2016 13:36

Instrument :
BNA_F
ClientSampleId :
PB88788BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.3	25.9



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

