

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084751.D
 Acq On : 2 Feb 2016 17:44
 Operator : SJ/IZ
 Sample : PB88120BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BL

Quant Time: Feb 03 00:17:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

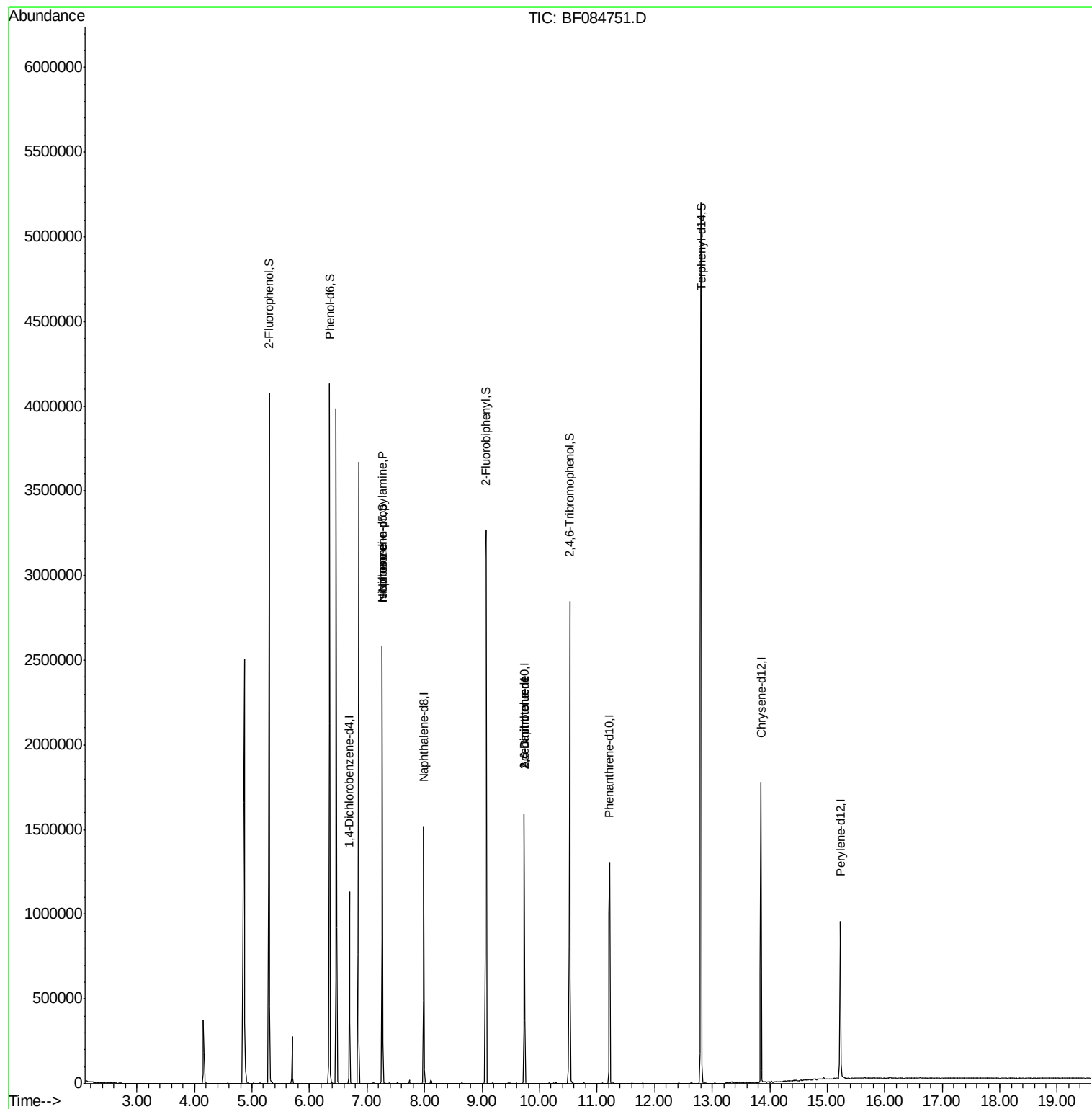
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	169485	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	714313	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	337129	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	664002	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	656307	20.00	ng	-0.02
86) Perylene-d12	15.23	264	494583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1080320	99.28	ng	-0.01
7) Phenol-d6	6.35	99	1507611	111.76	ng	-0.02
23) Nitrobenzene-d5	7.26	82	856417	67.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	373597	106.24	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1678457	83.25	ng	-0.02
78) Terphenyl-d14	12.81	244	1767047	61.01	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	116831	13.82	ng	# 70
25) Isophorone	7.26	82	656018	26.61	ng	# 66
50) 2,6-Dinitrotoluene	9.73	165	41826	7.46	ng	# 37
56) 2,4-Dinitrotoluene	9.73	165	41826	5.85	ng	# 21

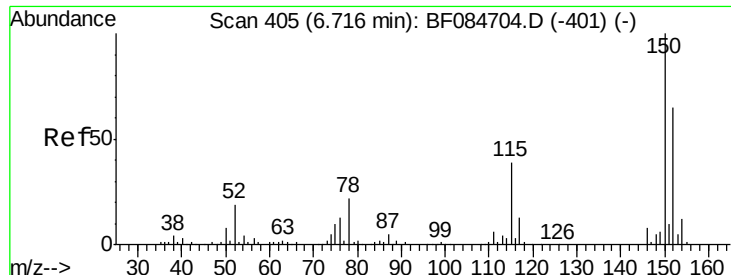
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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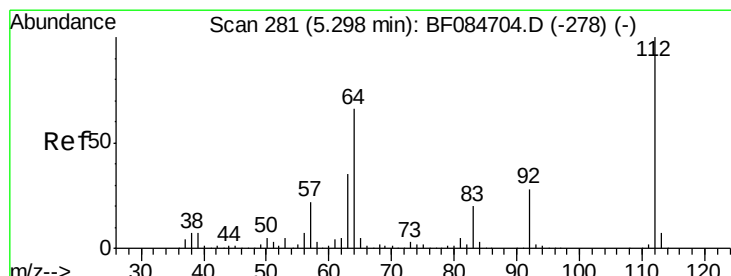
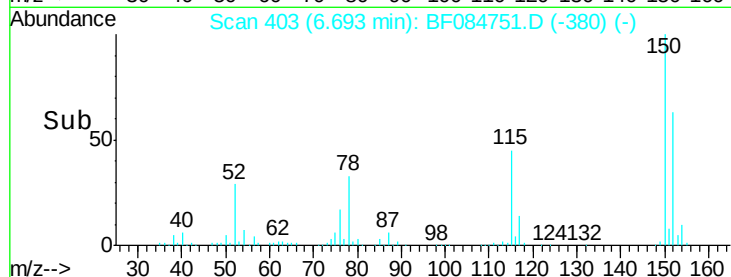
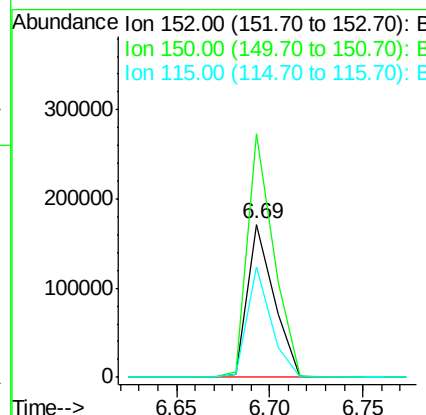
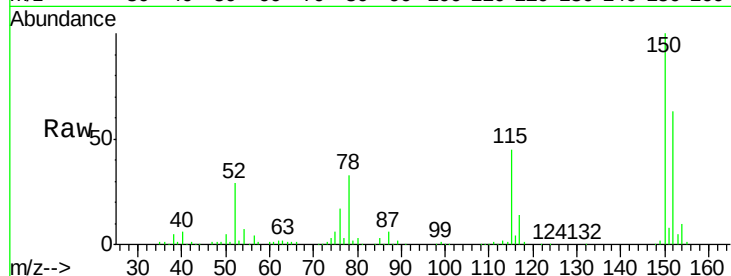


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB88120BL

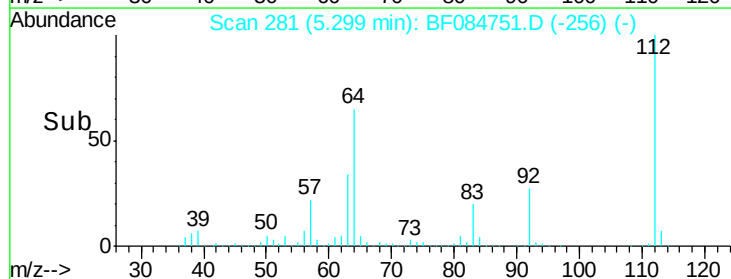
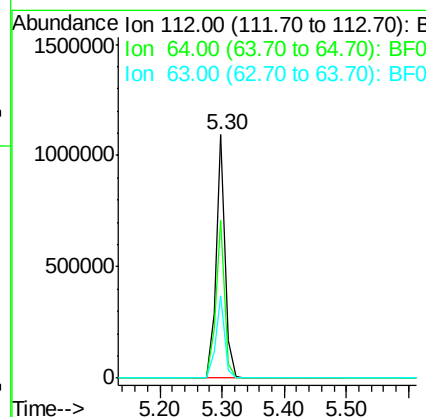
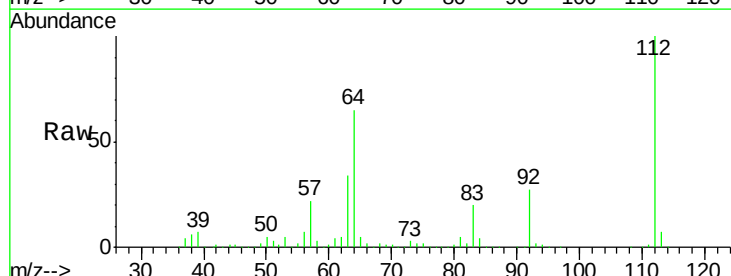
Tgt Ion:152 Resp: 169485
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.0 184.4
 115 72.0 51.4 77.2

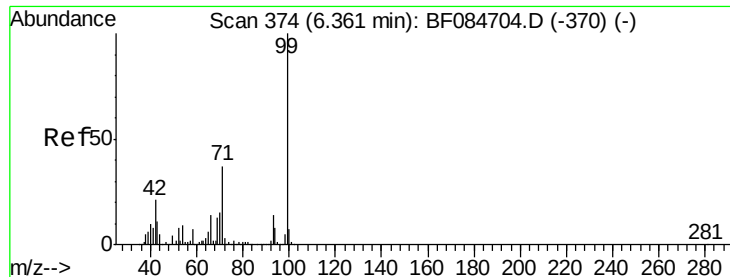


#5

2-Fluorophenol
 Concen: 99.28 ng
 RT: 5.30 min Scan# 281
 Delta R.T. -0.01 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Tgt Ion:112 Resp: 1080320
 Ion Ratio Lower Upper
 112 100
 64 65.0 36.6 55.0#
 63 34.0 19.4 29.0#





#7

Phenol-d6

Concen: 111.76 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

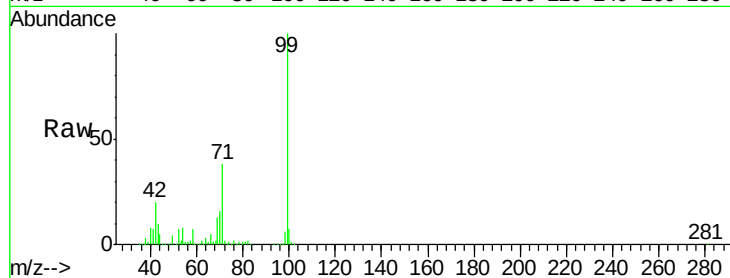
Tgt Ion: 99 Resp: 1507611

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

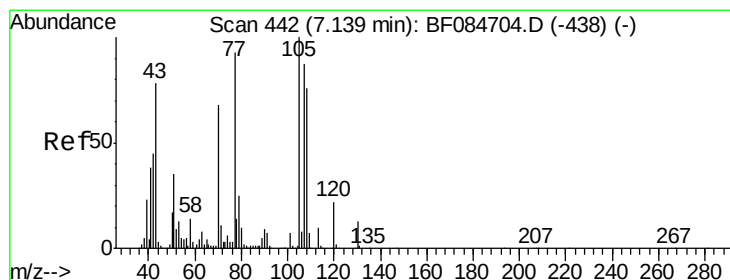
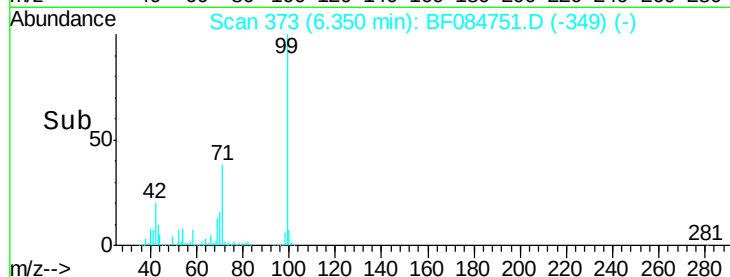
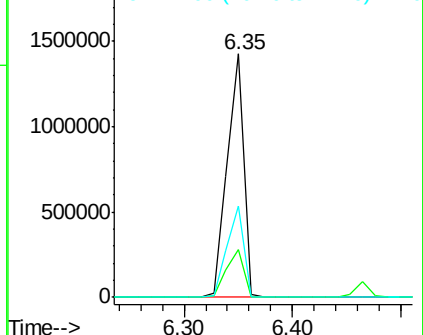
71 37.6 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.82 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.11 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Tgt Ion: 70 Resp: 116831

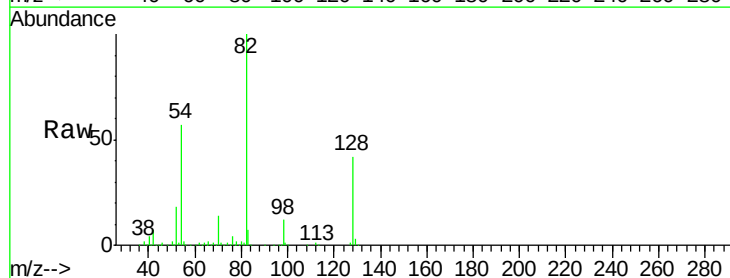
Ion Ratio Lower Upper

70 100

42 51.4 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

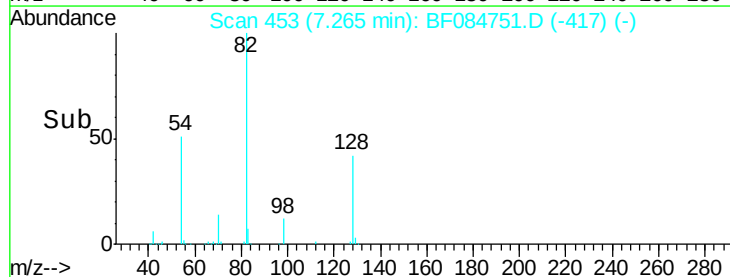
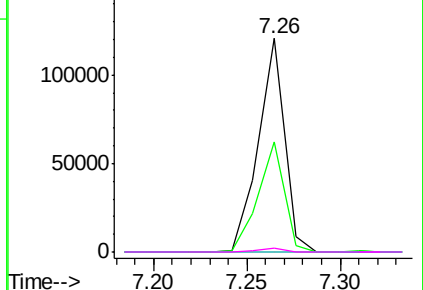


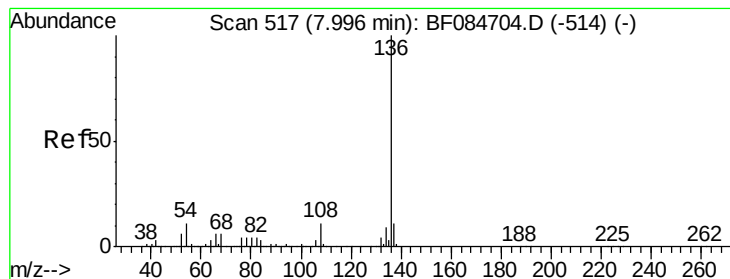
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

Tgt Ion: 136 Resp: 714313

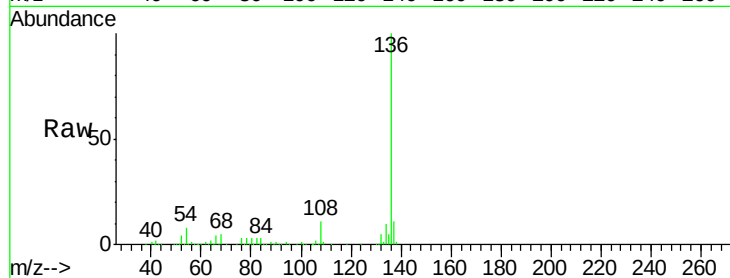
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 5.8 8.8

68 4.6 4.2 6.2

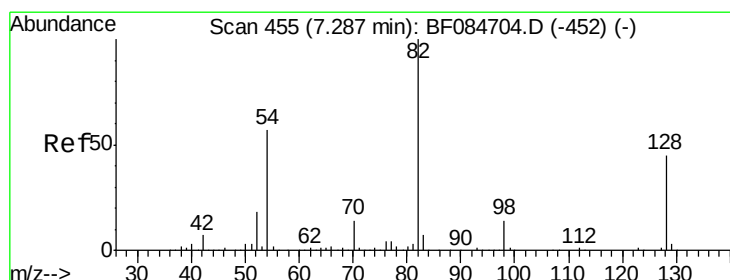
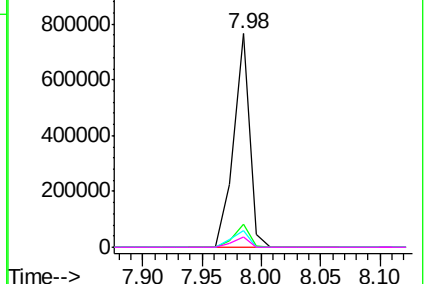
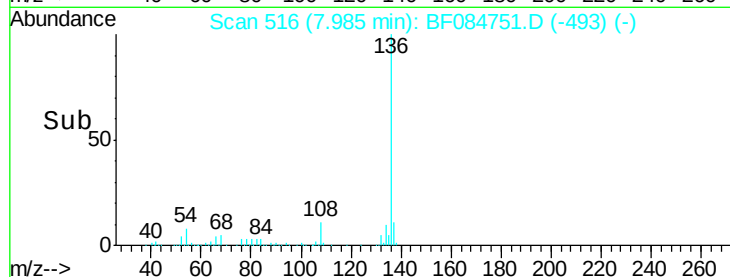


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.54 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

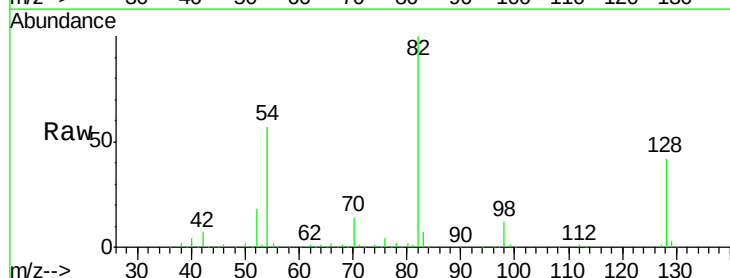
Tgt Ion: 82 Resp: 856417

Ion Ratio Lower Upper

82 100

128 42.1 34.6 51.8

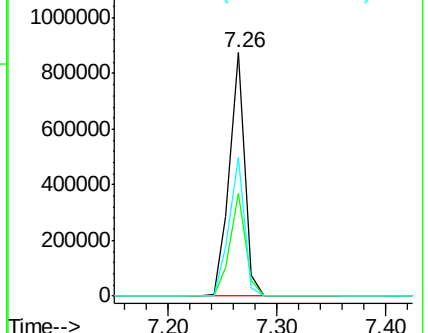
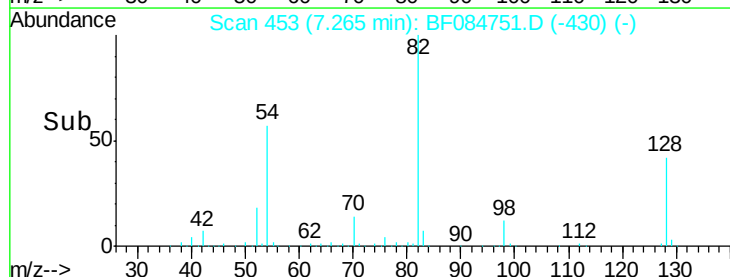
54 56.9 38.4 57.6

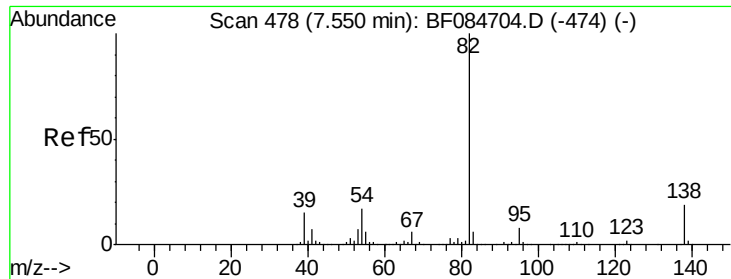


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.61 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.30 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

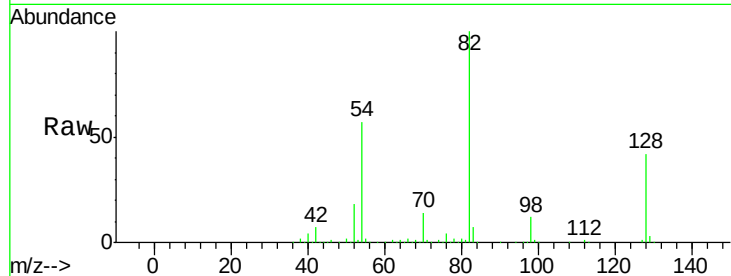
Tgt Ion: 82 Resp: 656018

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

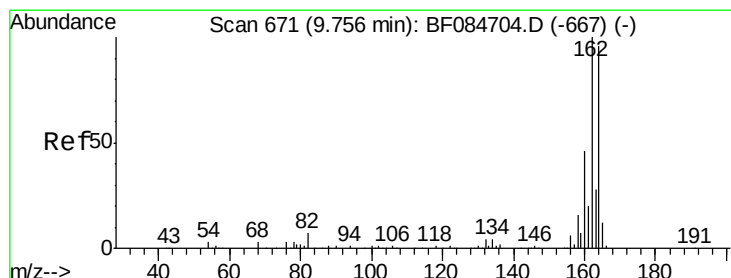
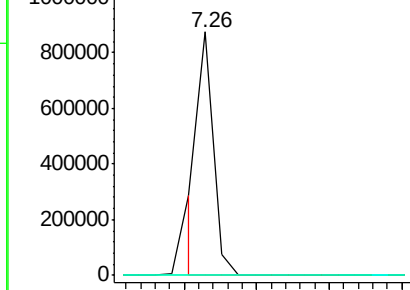
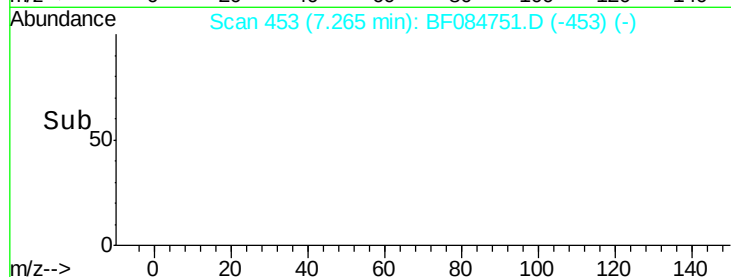
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

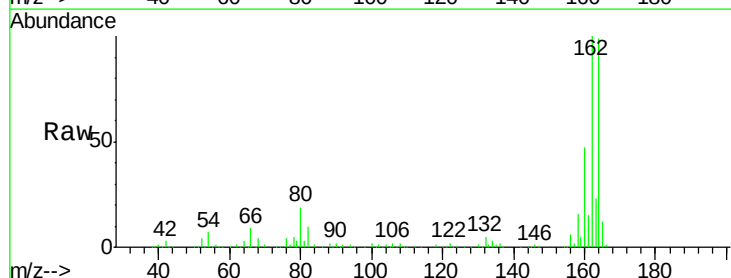
Tgt Ion: 164 Resp: 337129

Ion Ratio Lower Upper

164 100

162 101.5 85.1 127.7

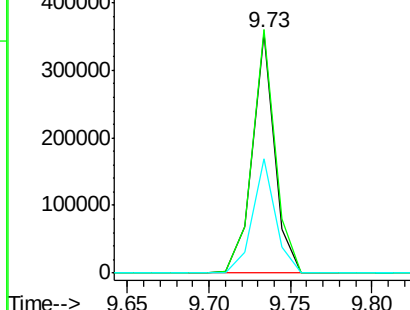
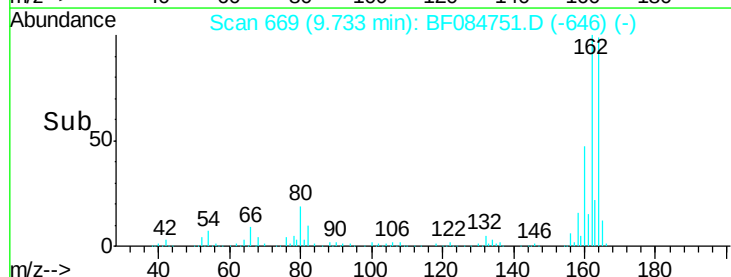
160 47.9 37.5 56.3

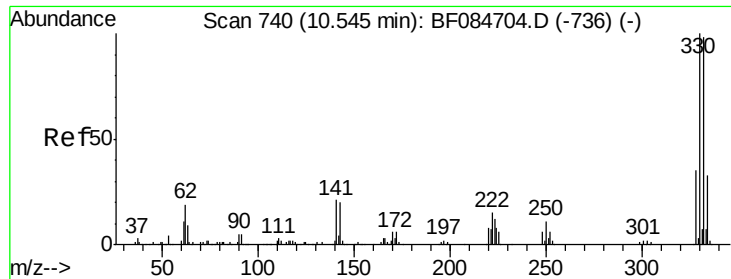


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

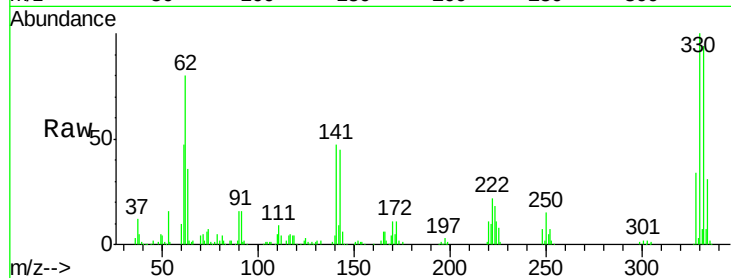




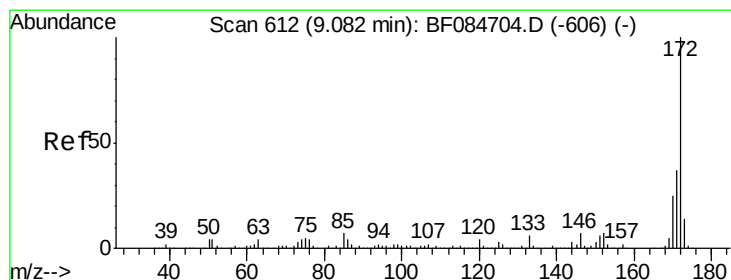
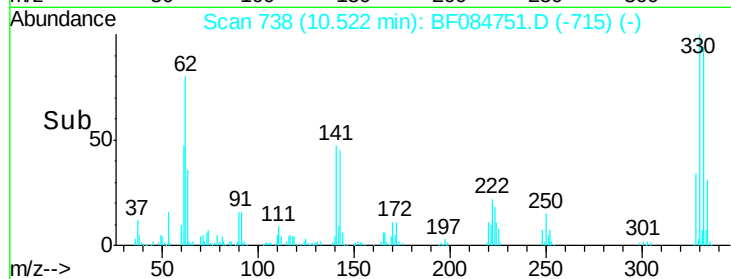
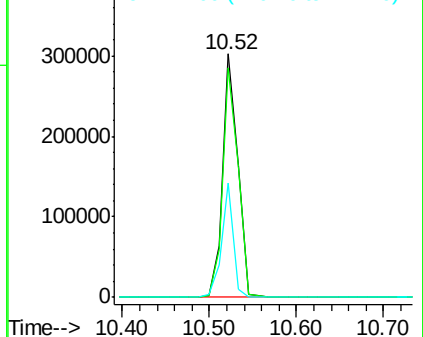
#41
 2,4,6-Tribromophenol
 Concen: 106.24 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Instrument :
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 ClientSampleId :
 PB88120BL

Tgt Ion:330 Resp: 373597
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 36.4 27.8 41.6

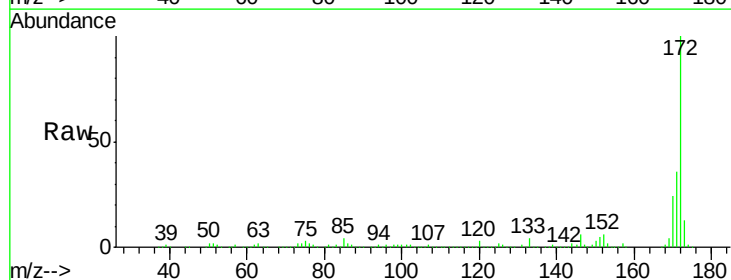


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

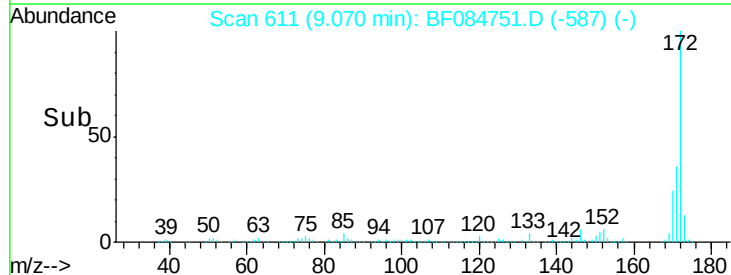
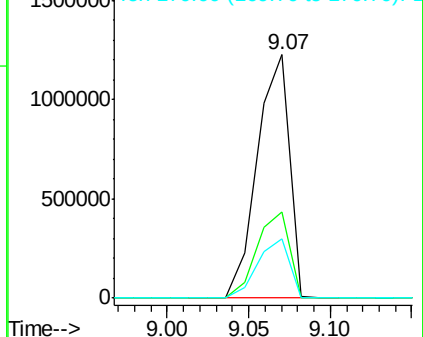


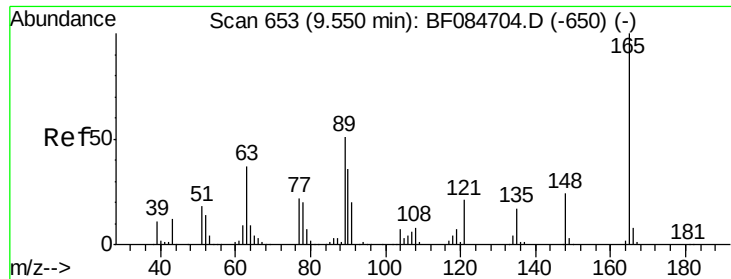
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Tgt Ion:172 Resp: 1678457
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.1 18.6 27.8



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

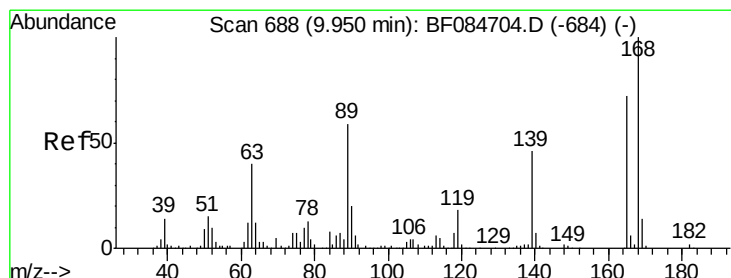
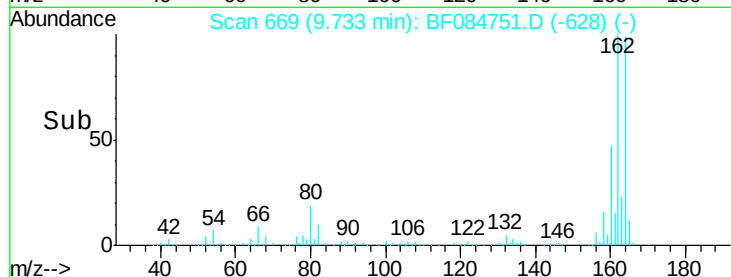
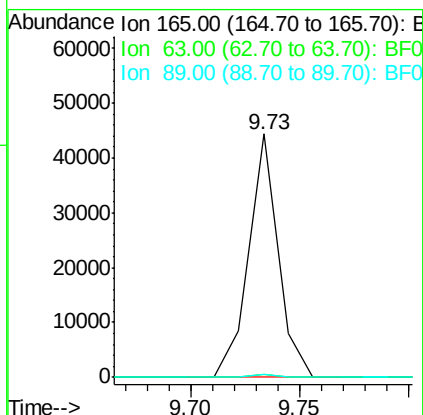
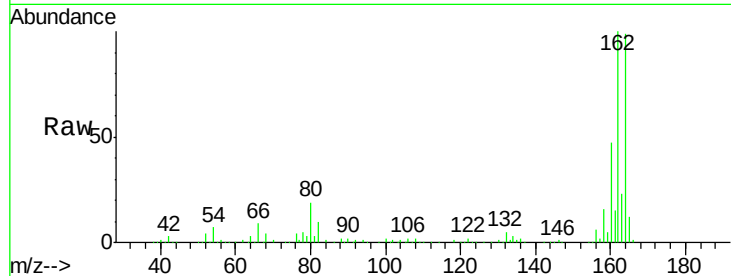




#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.17 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

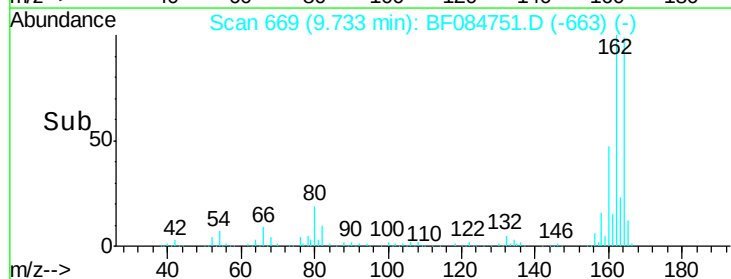
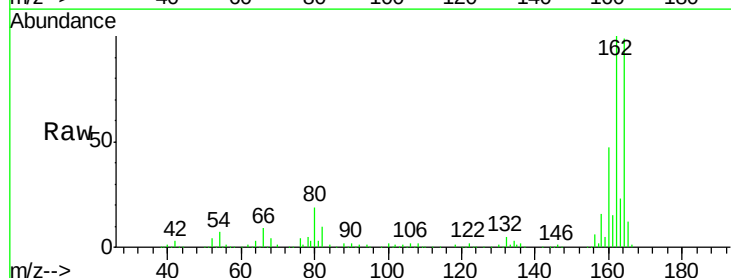
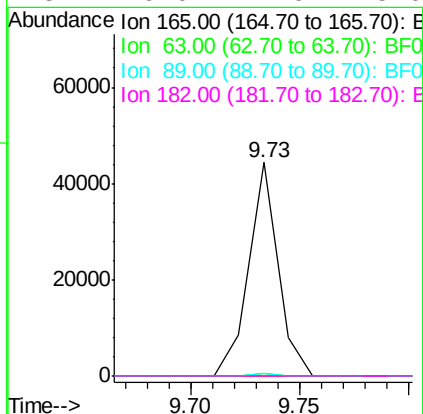
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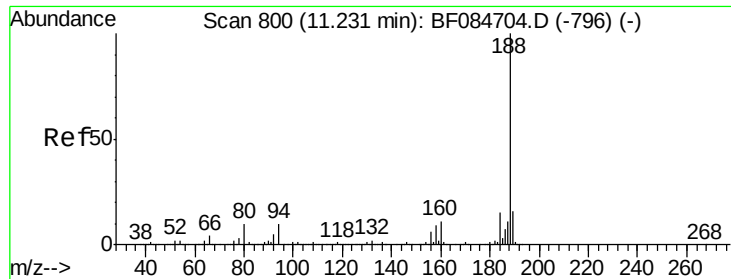
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.2	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084751.D
 Acq: 2 Feb 2016 17:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.2	61.9	92.9#
182	0.0	2.0	3.0#

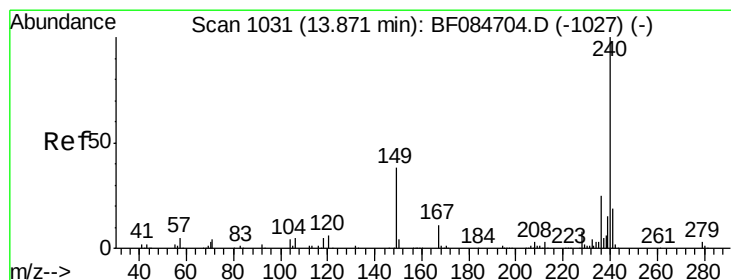
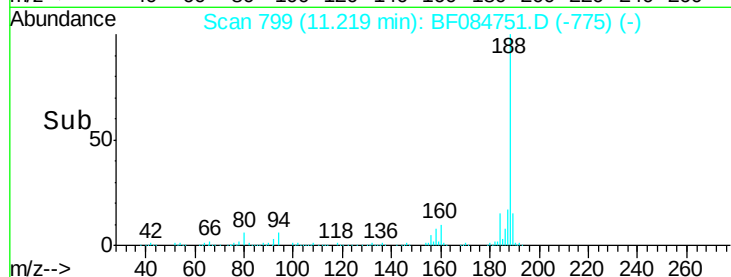
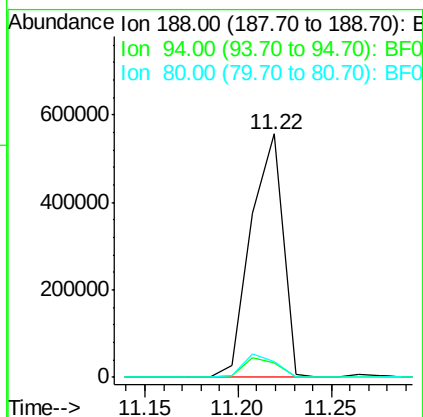
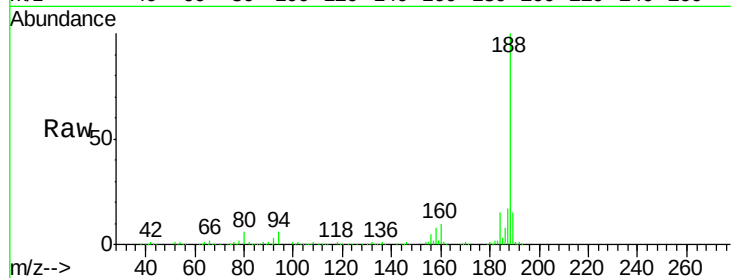




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084751.D
Acq: 2 Feb 2016 17:44

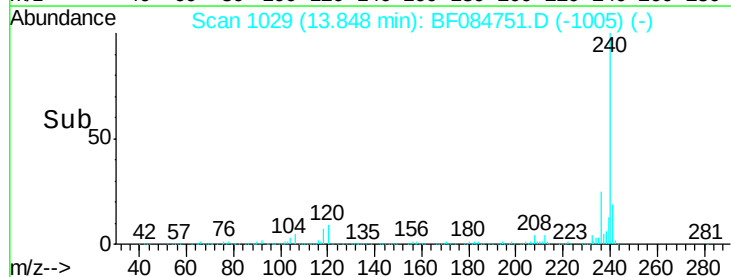
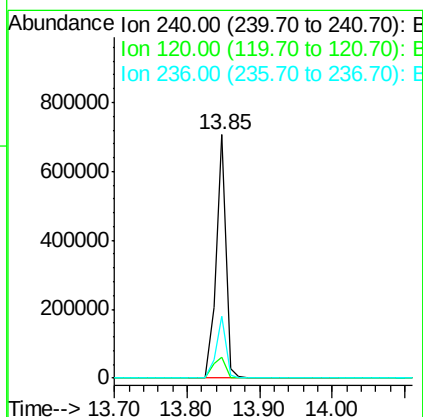
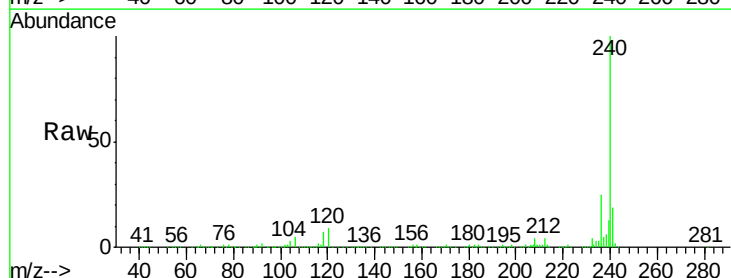
Instrument :
BNA_F
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PB88120BL

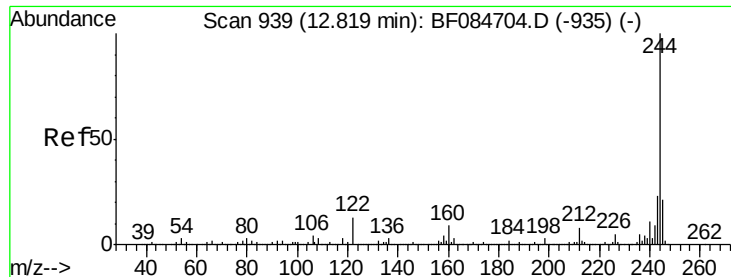
Tgt Ion:188 Resp: 664002
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF084751.D
Acq: 2 Feb 2016 17:44

Tgt Ion:240 Resp: 656307
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 61.01 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB88120BL

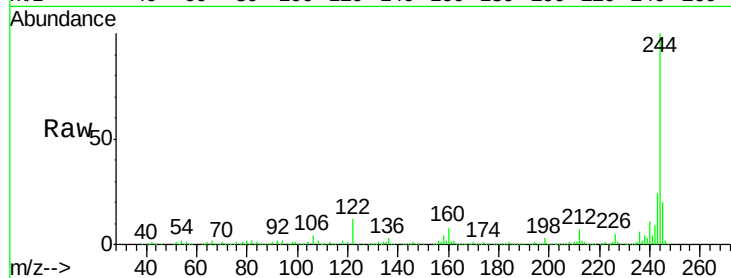
Tgt Ion:244 Resp: 1767047

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

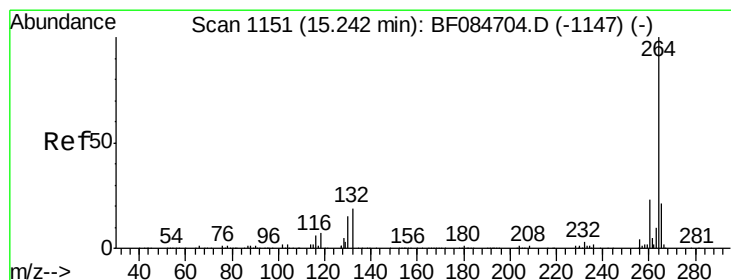
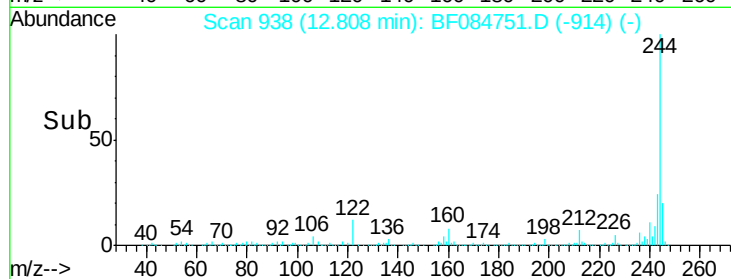
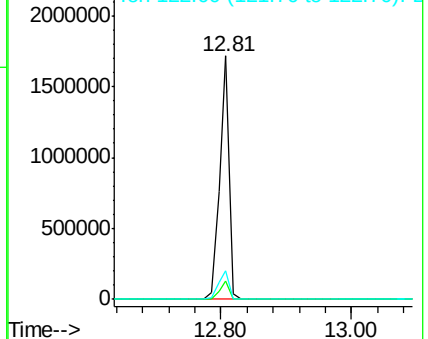
122 11.5 7.4 11.0#



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: 15.23 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF084751.D

Acq: 2 Feb 2016 17:44

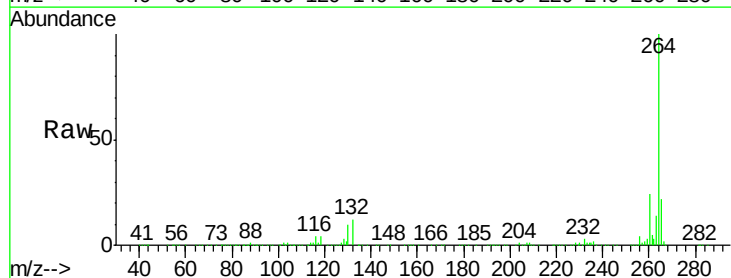
Tgt Ion:264 Resp: 494583

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 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

