

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084753.D
 Acq On : 2 Feb 2016 18:40
 Operator : SJ/IZ
 Sample : PB88120TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Quant Time: Feb 03 00:18:00 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

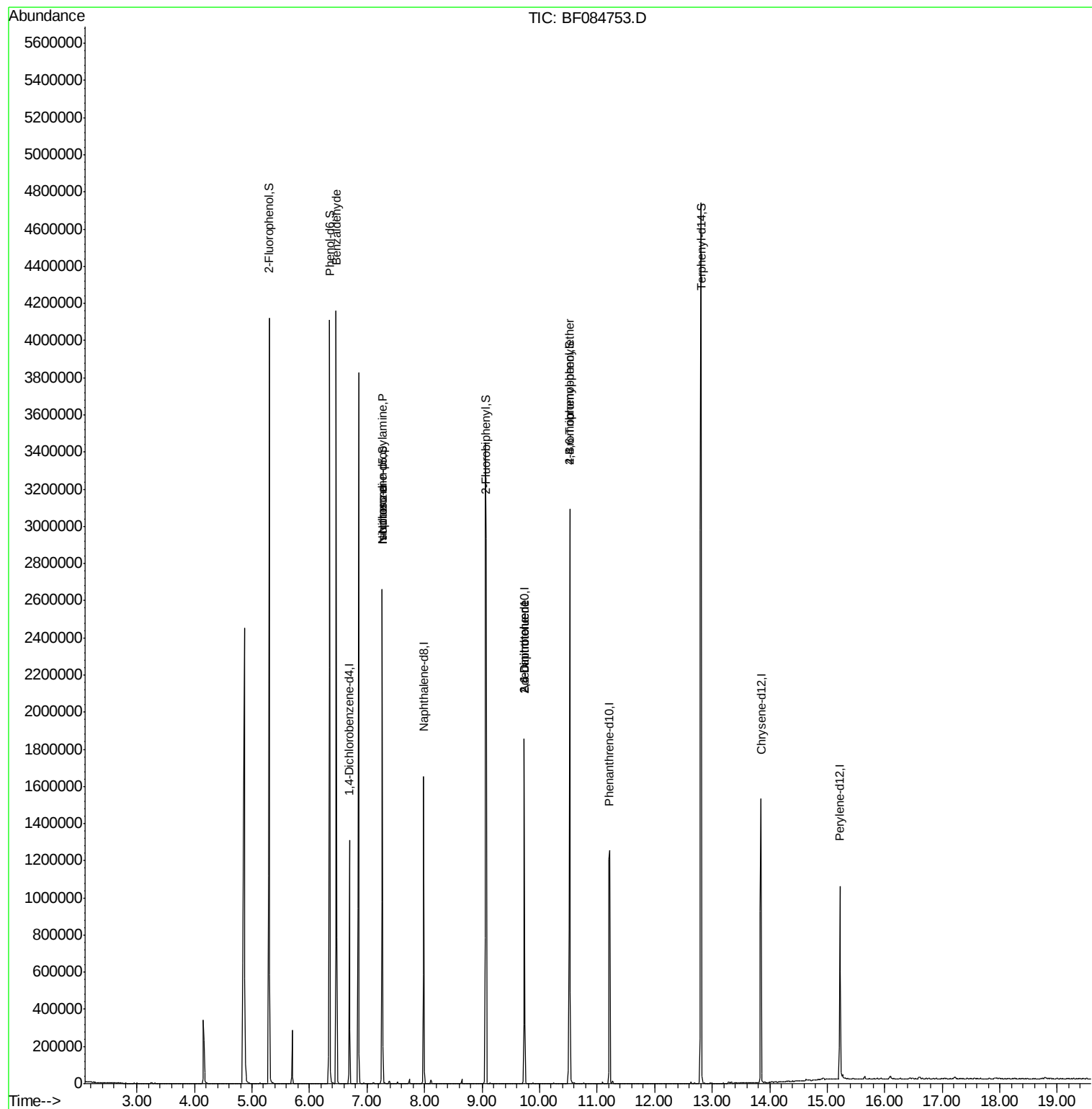
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182546	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	785622	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	366756	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	699875	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	659395	20.00	ng	-0.02
86) Perylene-d12	15.22	264	479608	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1105016	94.29	ng	-0.01
7) Phenol-d6	6.35	99	1543452	106.23	ng	-0.02
23) Nitrobenzene-d5	7.26	82	889343	63.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	365535	95.55	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1684265	74.09	ng	-0.02
78) Terphenyl-d14	12.81	244	1832133	62.96	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.46	77	26266	3.06	ng	# 76
19) n-Nitroso-di-n-propylamine	7.26	70	122196	13.42	ng	# 71
25) Isophorone	7.26	82	659277	24.31	ng	# 66
50) 2,6-Dinitrotoluene	9.73	165	48736	7.99	ng	# 37
56) 2,4-Dinitrotoluene	9.73	165	48736	6.26	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	23287	3.01	ng	# 1

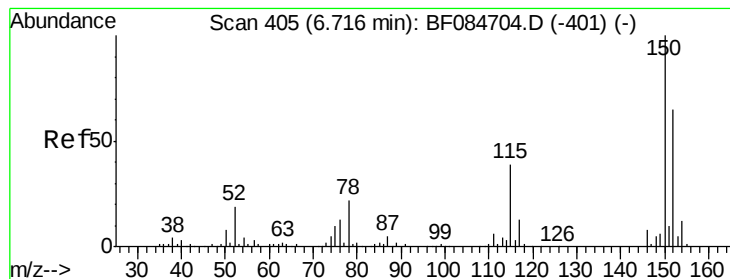
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
Data File : BF084753.D
Acq On : 2 Feb 2016 18:40
Operator : SJ/IZ
Sample : PB88120TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88120TB

Quant Time: Feb 03 00:18:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

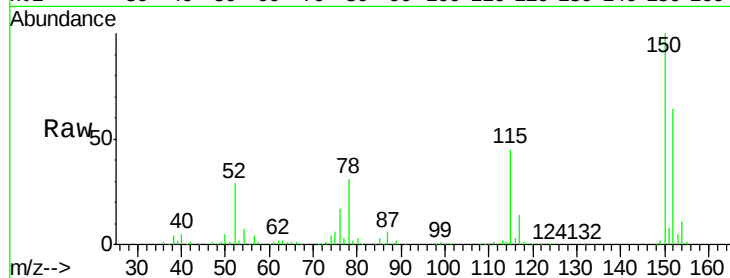
Tgt Ion:152 Resp: 182546

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

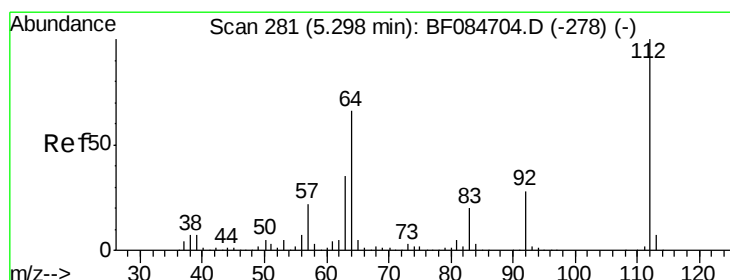
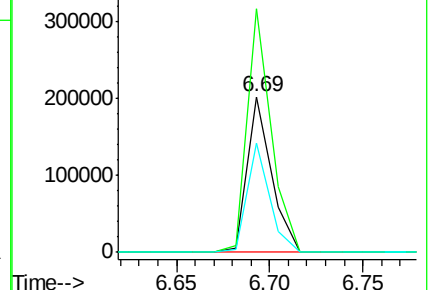
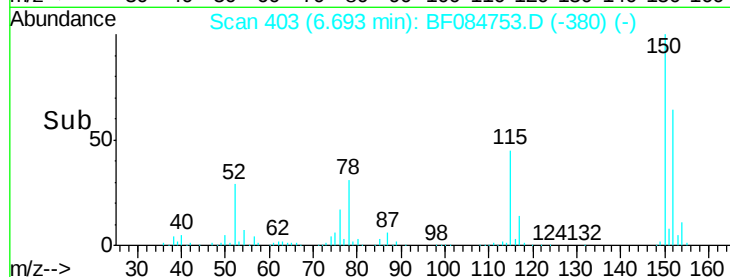
115 70.5 51.4 77.2



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: 94.29 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

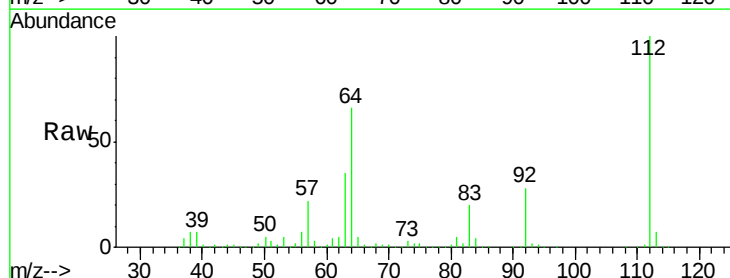
Tgt Ion:112 Resp: 1105016

Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

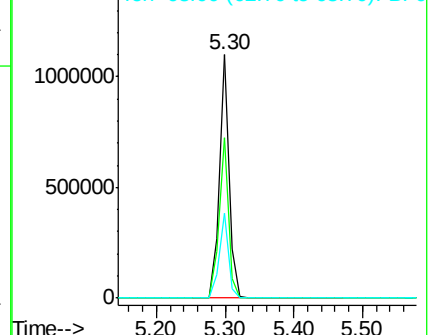
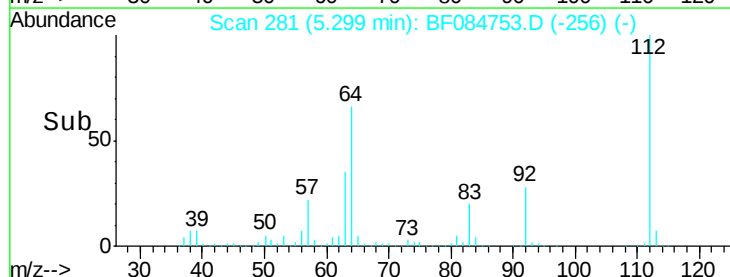
63 34.9 19.4 29.0#



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: 106.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

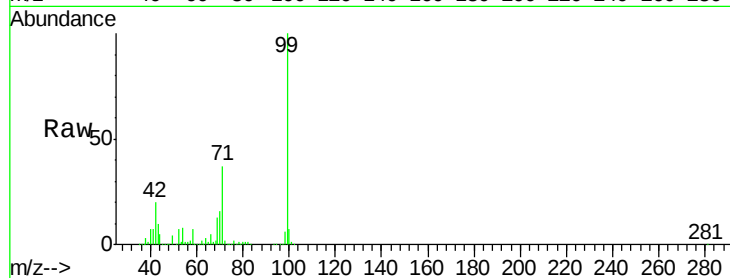
BNA_F

ClientSampleId :

PB88120TB

Tgt Ion: 99 Resp: 1543452

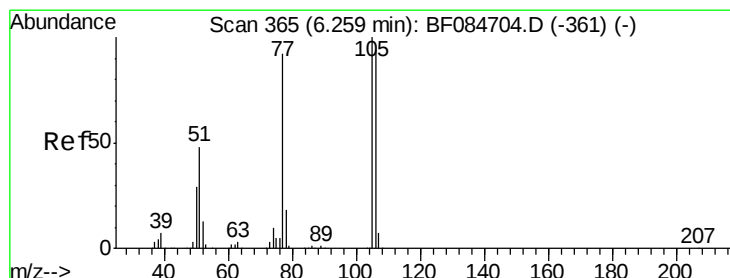
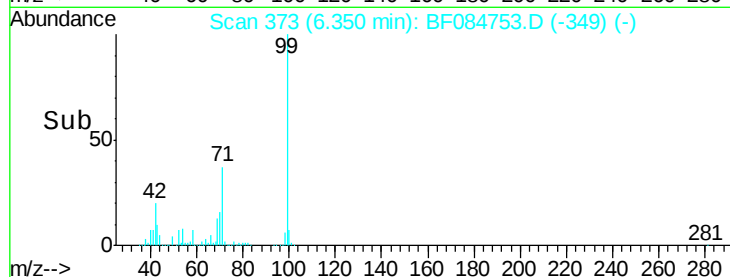
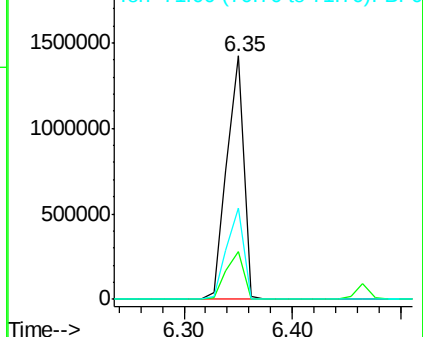
Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	37.4	30.9	46.3



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



#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.46 min Scan# 383

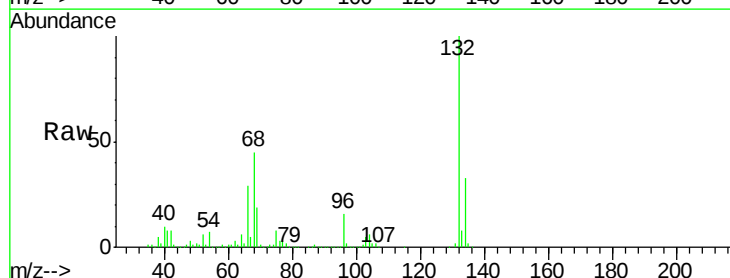
Delta R.T. 0.19 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Tgt Ion: 77 Resp: 26266

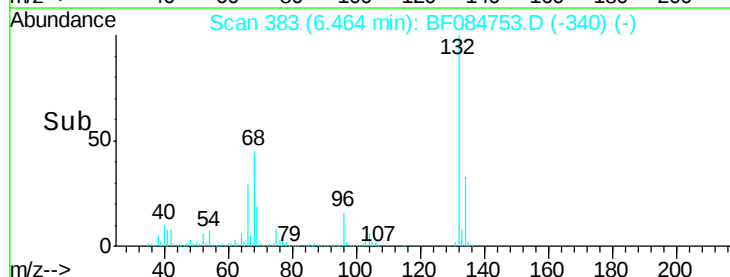
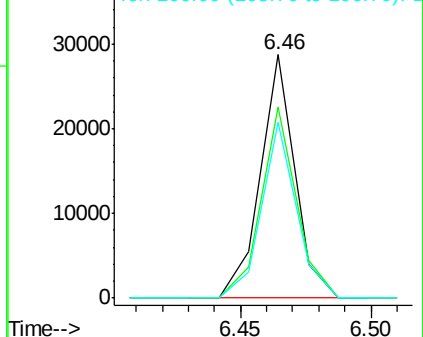
Ion	Ratio	Lower	Upper
77	100		
105	78.3	83.0	123.0#
106	71.9	74.6	114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.42 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.11 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

Tgt Ion: 70 Resp: 122196

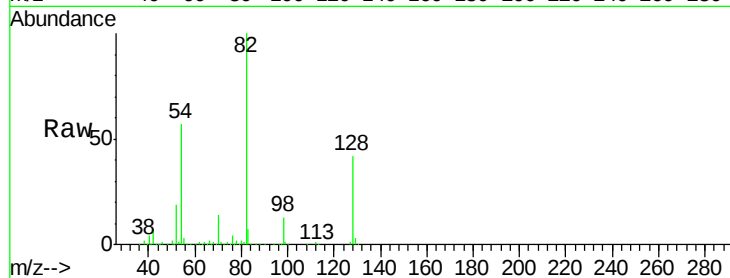
Ion Ratio Lower Upper

70 100

42 50.3 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

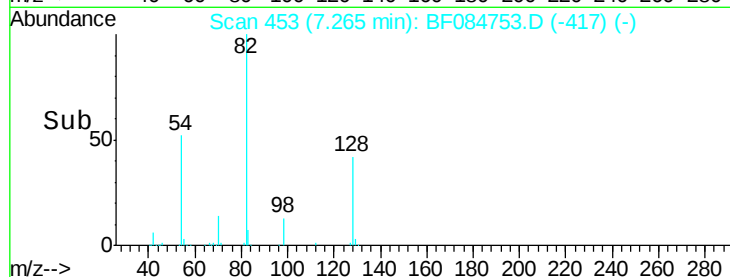
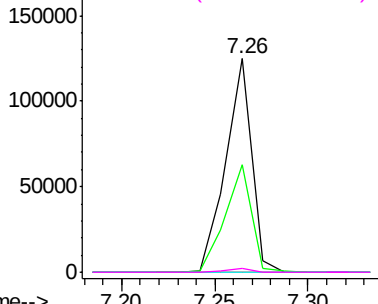


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Tgt Ion:136 Resp: 785622

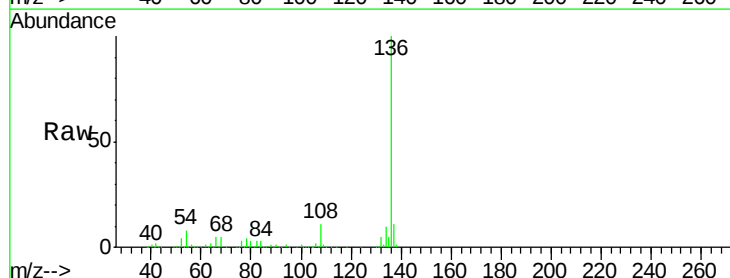
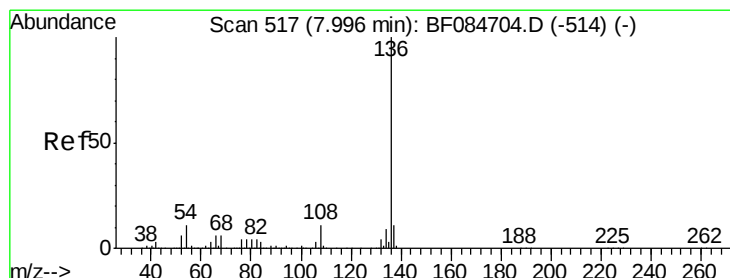
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 5.8 8.8

68 4.6 4.2 6.2

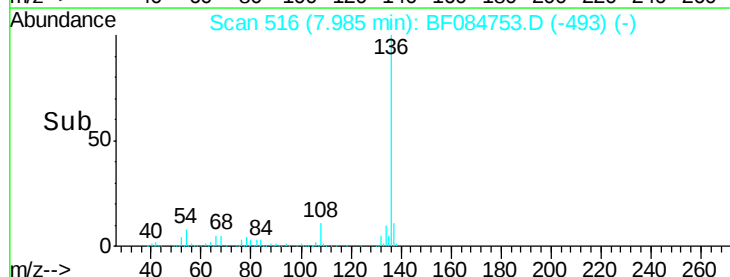
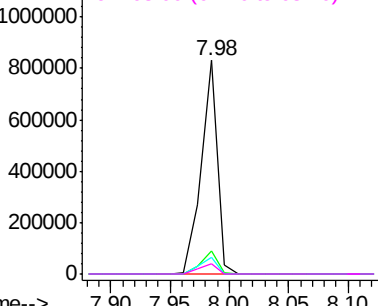


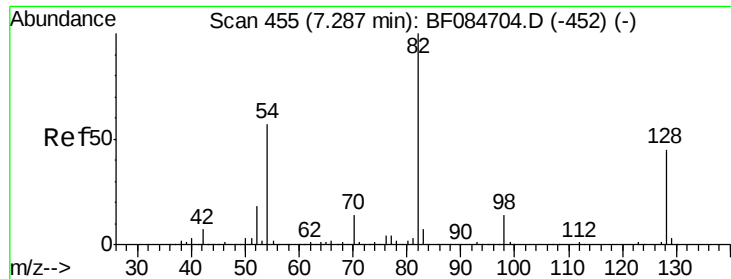
Abundance Ion 136.00 (135.70 to 136.70): E

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

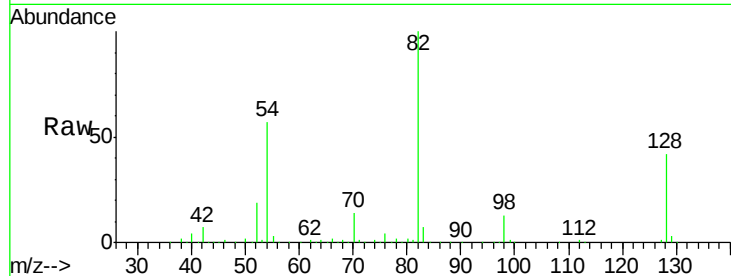




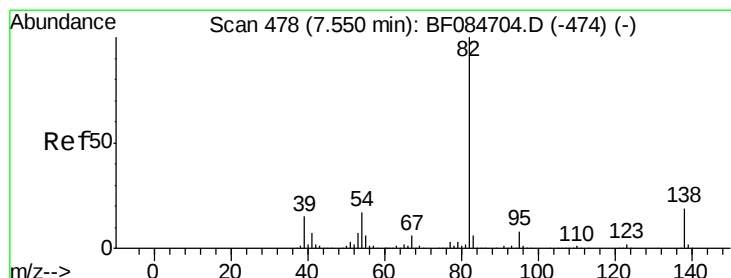
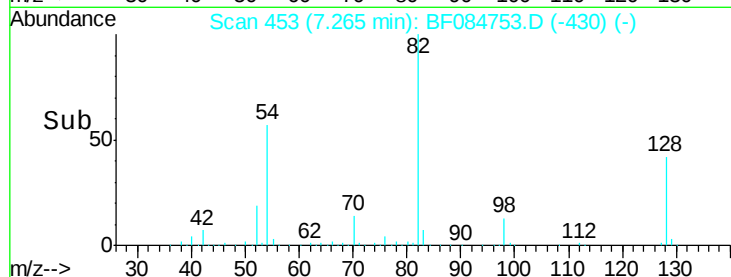
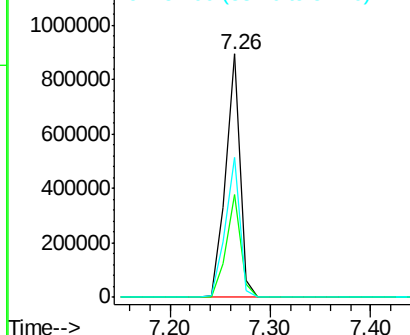
#23
 Nitrobenzene-d5
 Concen: 63.77 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tgt Ion: 82 Resp: 889343
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 57.5 38.4 57.6

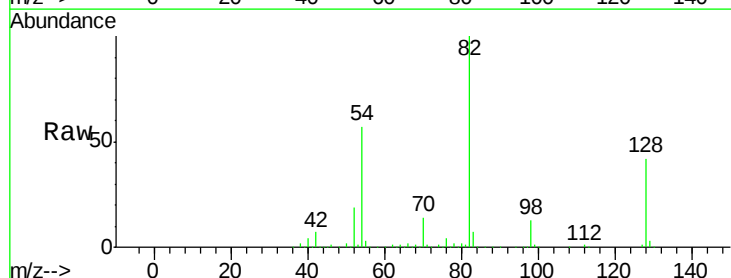


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

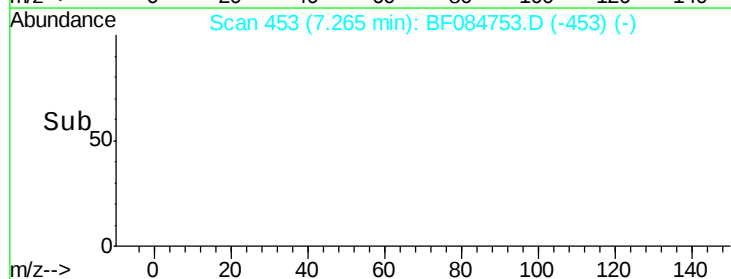
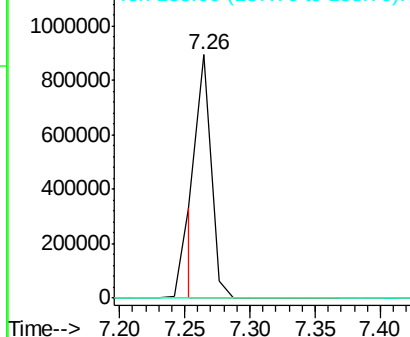


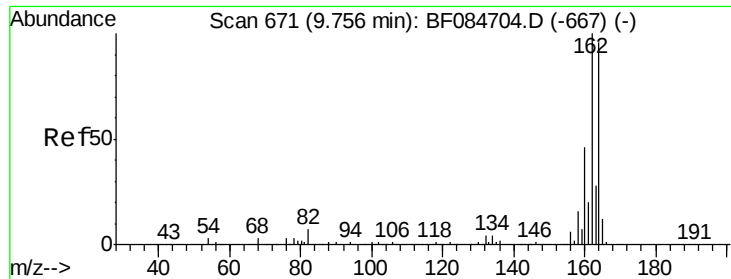
#25
 Isophorone
 Concen: 24.31 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.30 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion: 82 Resp: 659277
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

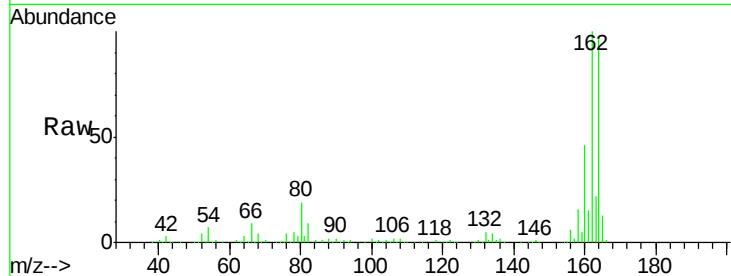
Tgt Ion:164 Resp: 366756

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

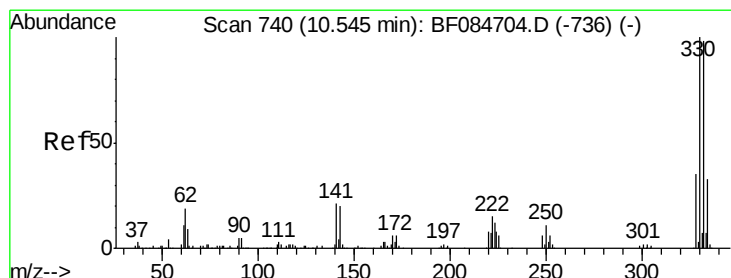
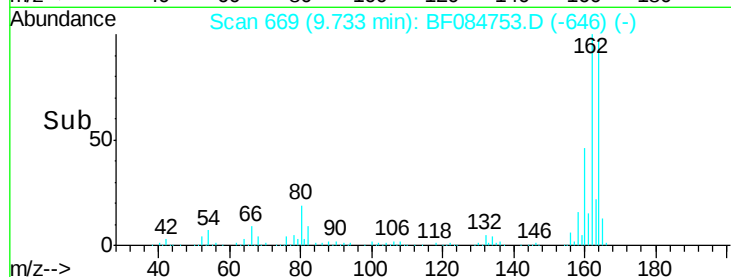
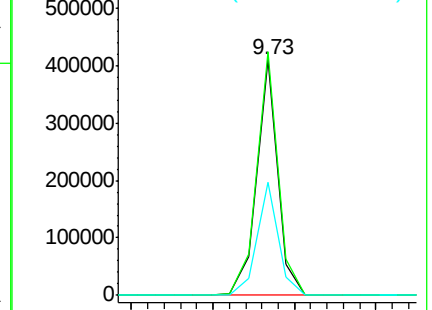
160 48.0 37.5 56.3



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: 95.55 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

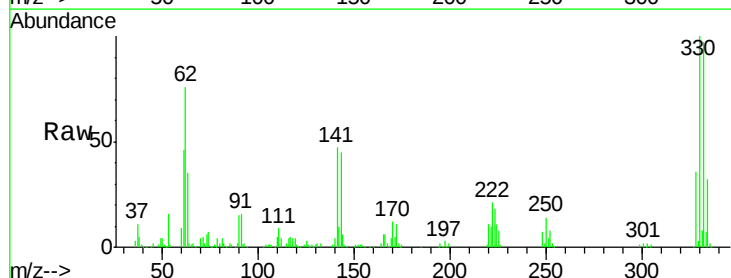
Tgt Ion:330 Resp: 365535

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

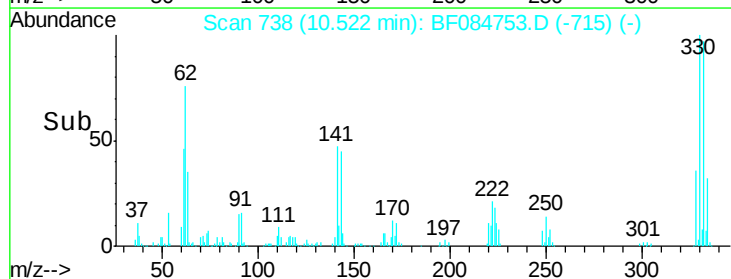
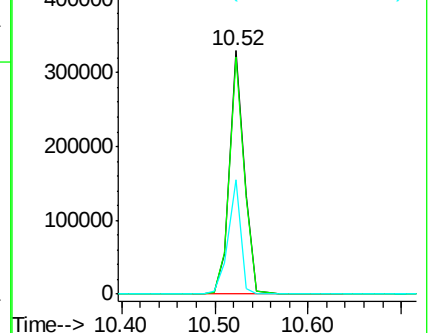
141 39.8 27.8 41.6

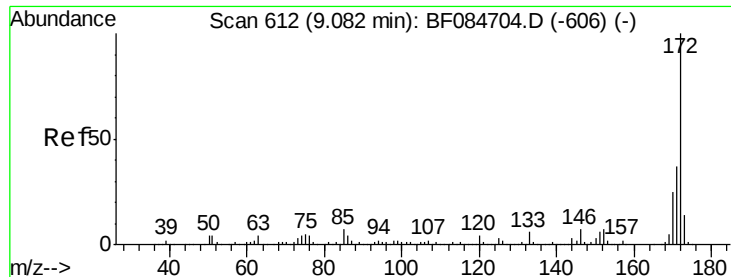


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

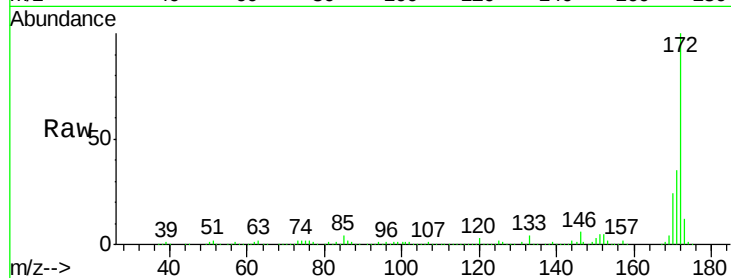




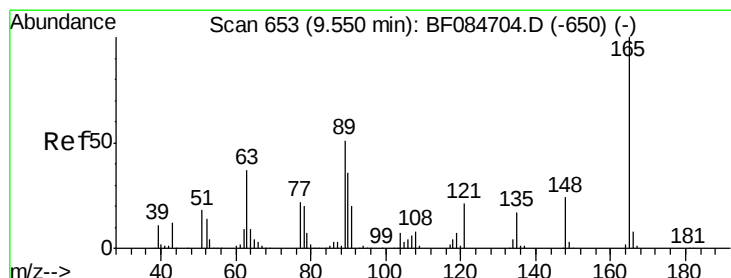
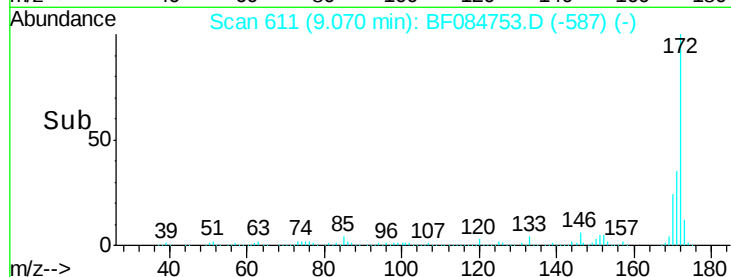
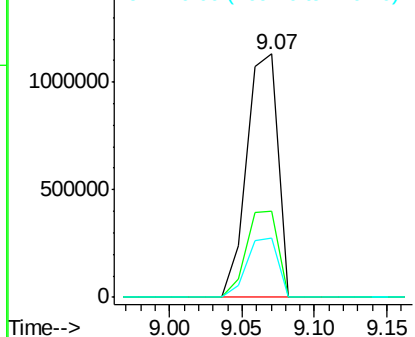
#44
 2-Fluorobiphenyl
 Concen: 74.09 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tgt Ion:172 Resp: 1684265
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 24.3 18.6 27.8

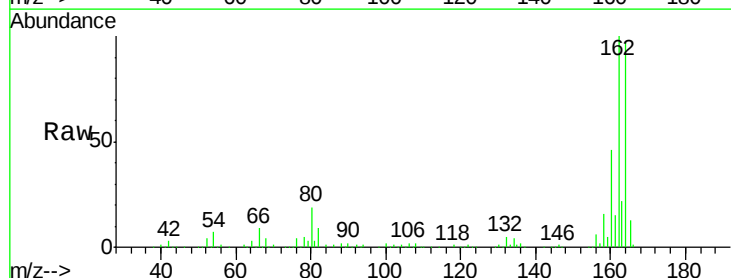


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

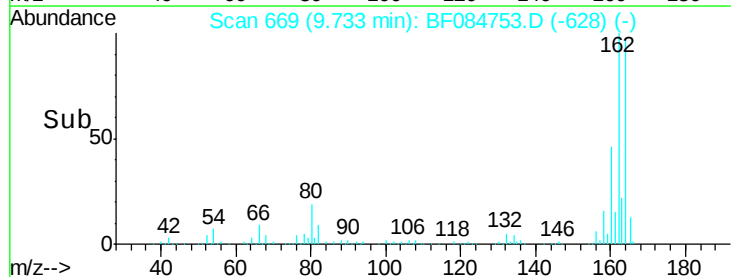
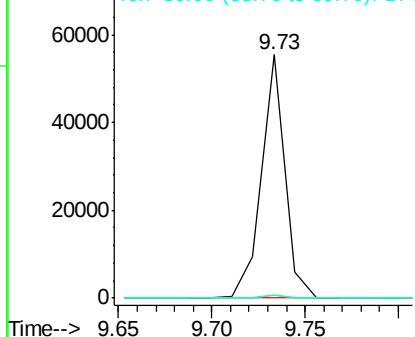


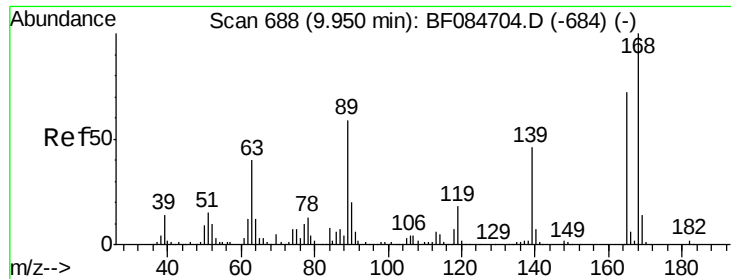
#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.17 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion:165 Resp: 48736
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

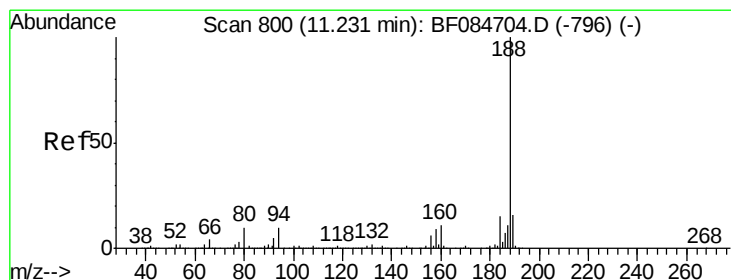
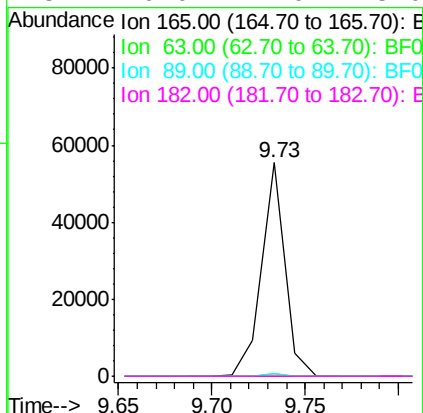
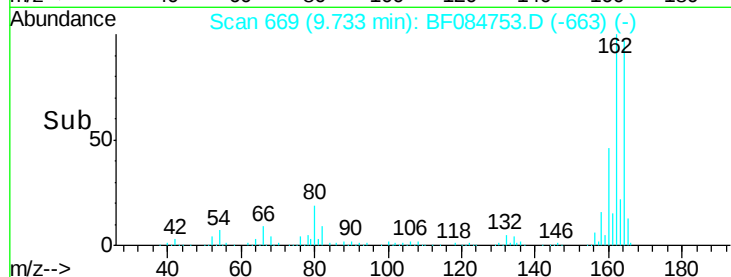
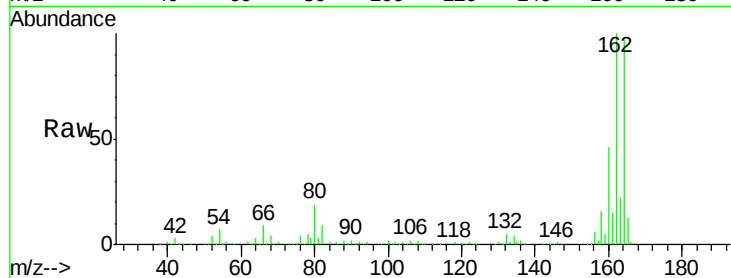




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

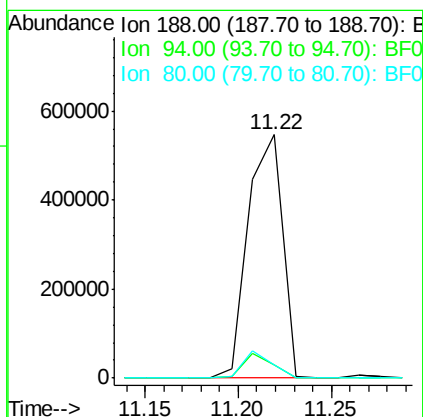
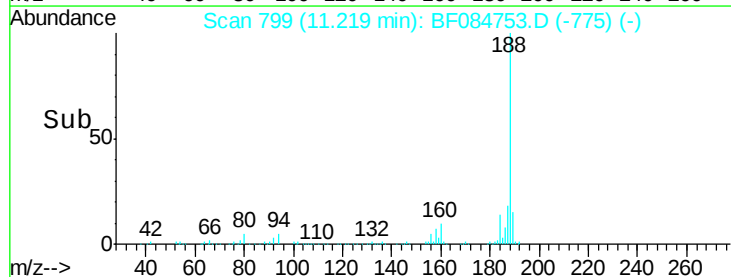
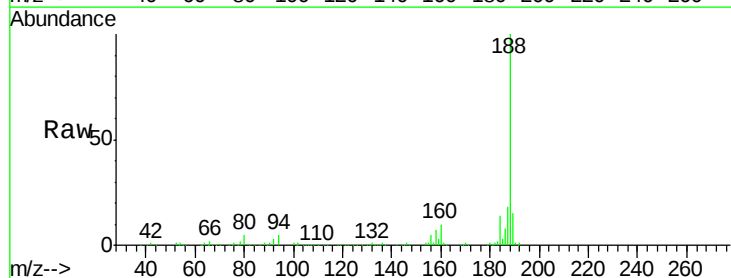
Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

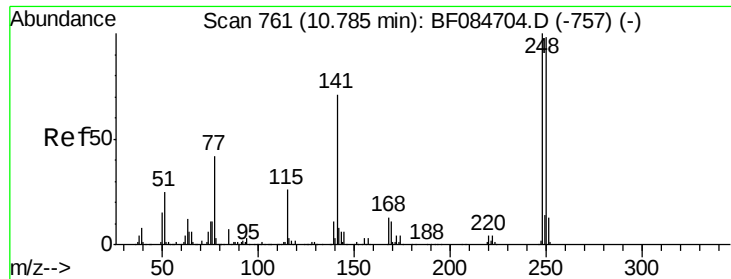
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.0	13.4#
80	5.2	9.6	14.4#

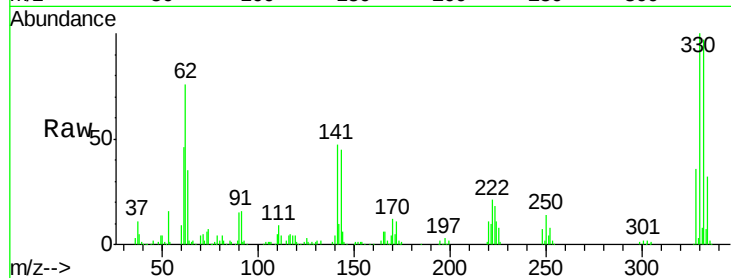




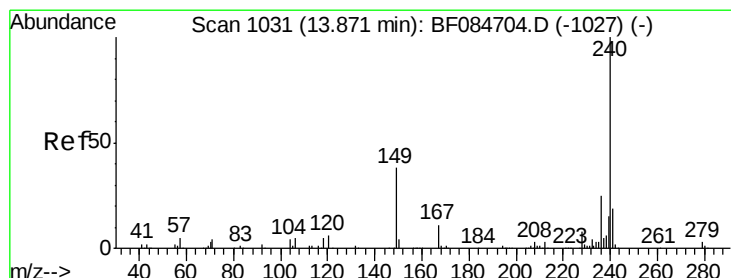
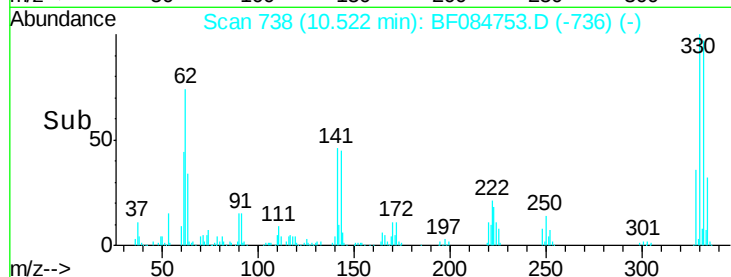
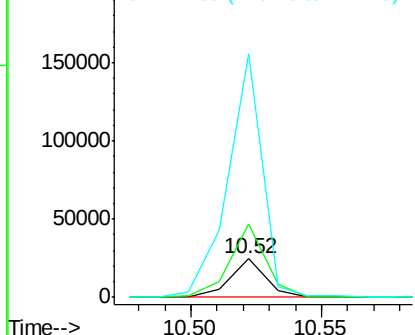
#66
 4-Bromophenyl-phenylether
 Concen: 3.01 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.27 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB88120TB

Tgt Ion:248 Resp: 23287
 Ion Ratio Lower Upper
 248 100
 250 189.8 78.4 117.6#
 141 629.2 44.0 66.0#

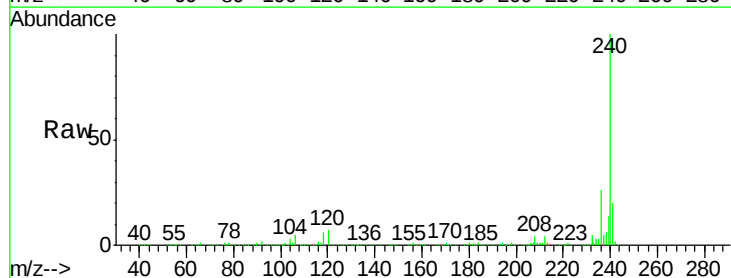


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

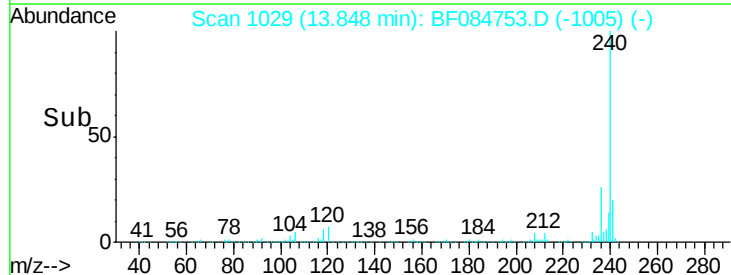
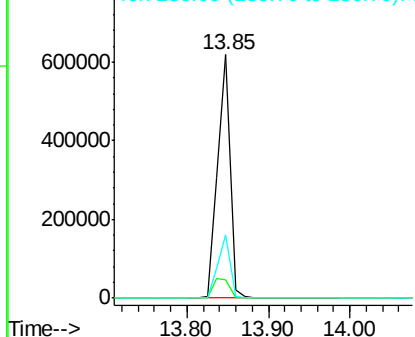


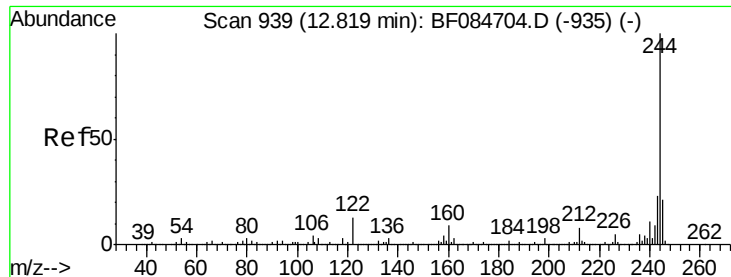
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084753.D
 Acq: 2 Feb 2016 18:40

Tgt Ion:240 Resp: 659395
 Ion Ratio Lower Upper
 240 100
 120 7.4 9.5 14.3#
 236 26.1 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: 62.96 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

Instrument :

BNA_F

ClientSampleId :

PB88120TB

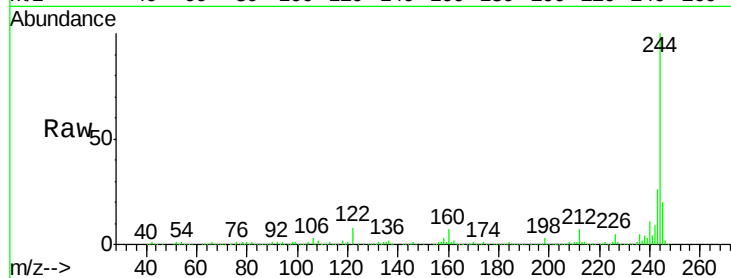
Tgt Ion:244 Resp: 1832133

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

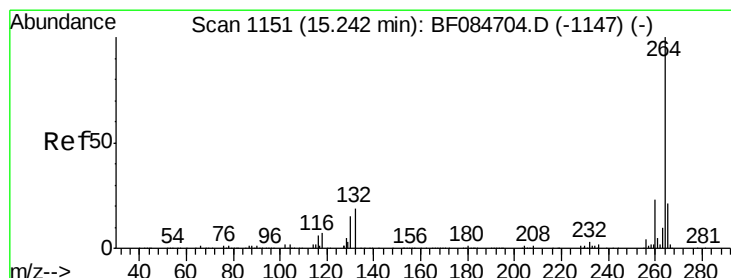
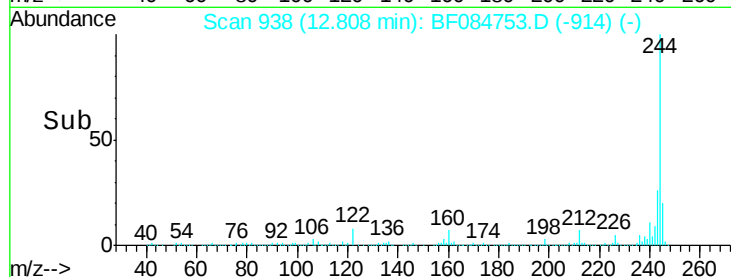
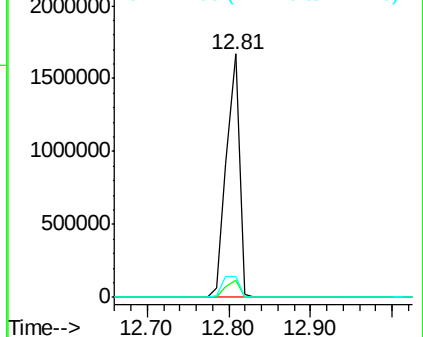
122 8.4 7.4 11.0



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084753.D

Acq: 2 Feb 2016 18:40

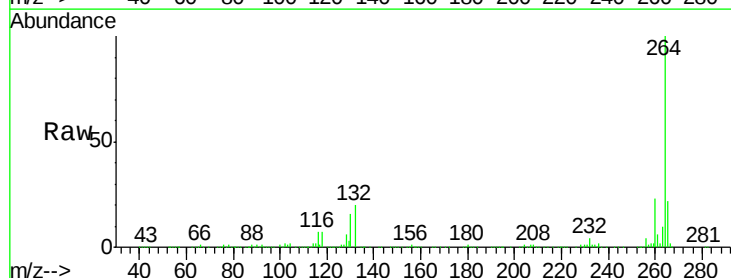
Tgt Ion:264 Resp: 479608

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 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

