

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085808.D
 Acq On : 28 Mar 2016 18:22
 Operator : UM/SJ
 Sample : PB89183BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BL

Quant Time: Mar 29 03:35:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

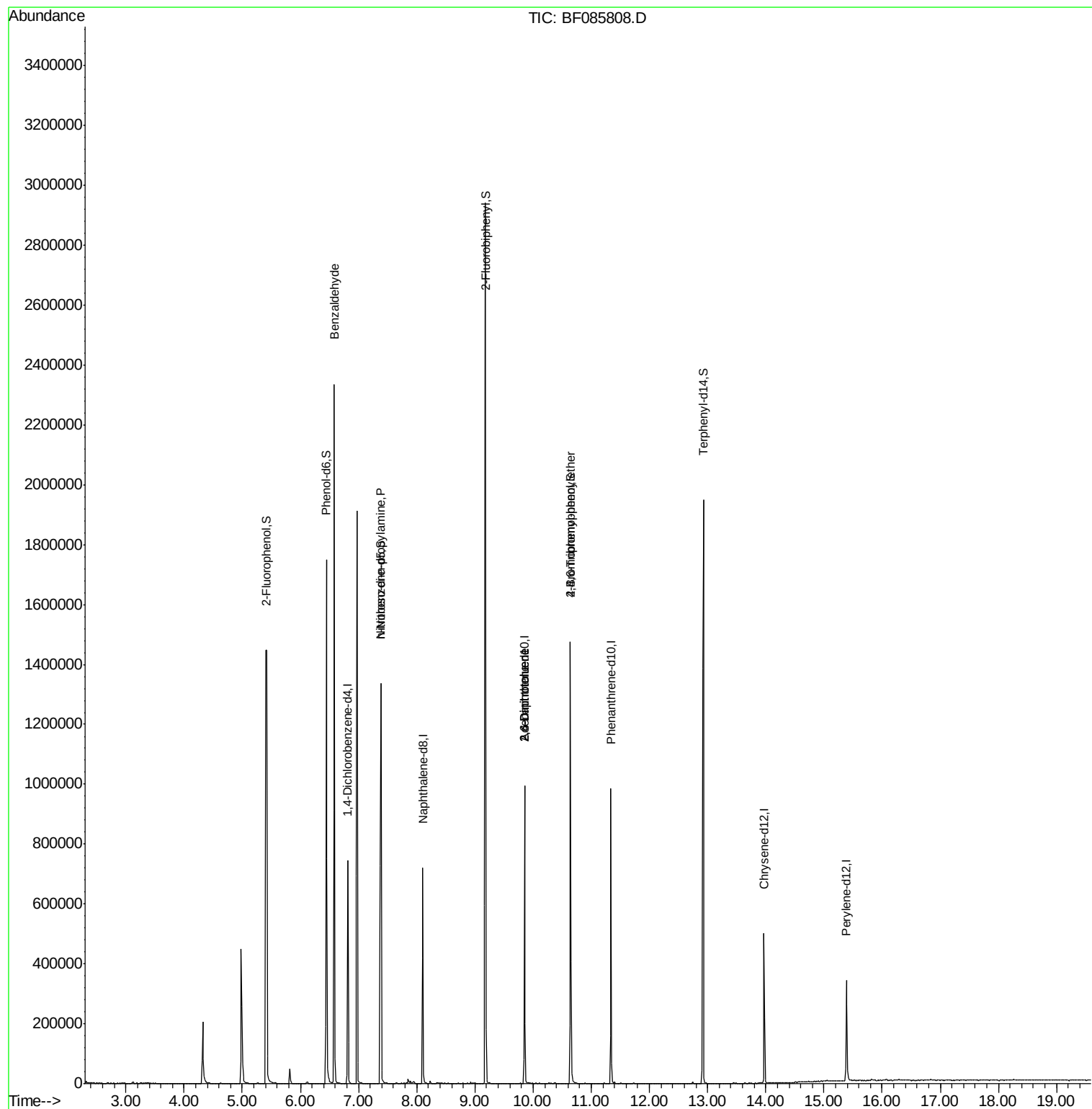
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107120	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	417076	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	188640	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	338546	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	190879	20.00	ng	-0.01
86) Perylene-d12	15.39	264	173154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	675583	105.03	ng	0.01
7) Phenol-d6	6.45	99	756299	92.48	ng	-0.01
23) Nitrobenzene-d5	7.38	82	534359	72.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	176548	98.50	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	869147	76.98	ng	-0.01
78) Terphenyl-d14	12.93	244	789794	85.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	15254	3.10	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.38	70	69072	14.11	ng	# 74
50) 2,6-Dinitrotoluene	9.85	165	24403	7.92	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	24403	6.23	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	12364	3.57	ng	# 1

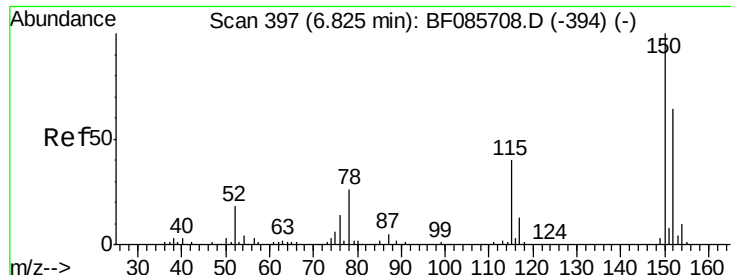
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

Instrument :

BNA_F

ClientSampleId :

PB89183BL

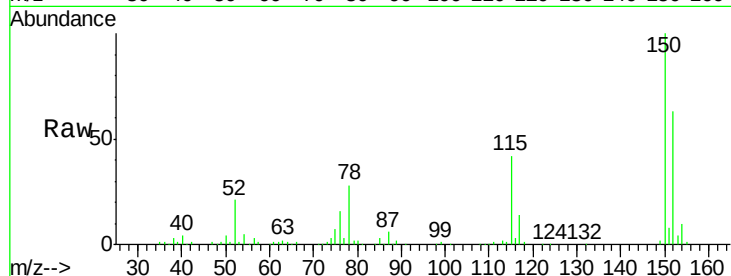
Tgt Ion:152 Resp: 107120

Ion Ratio Lower Upper

152 100

150 157.9 124.2 186.2

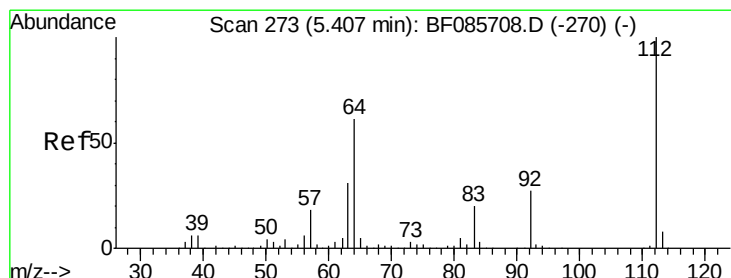
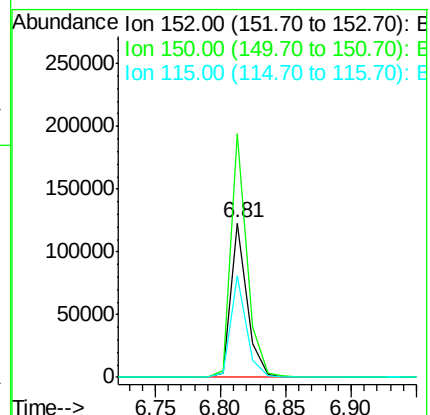
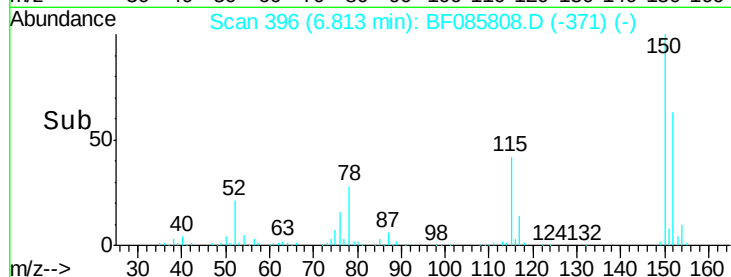
115 65.5 47.0 70.6



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: 105.03 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

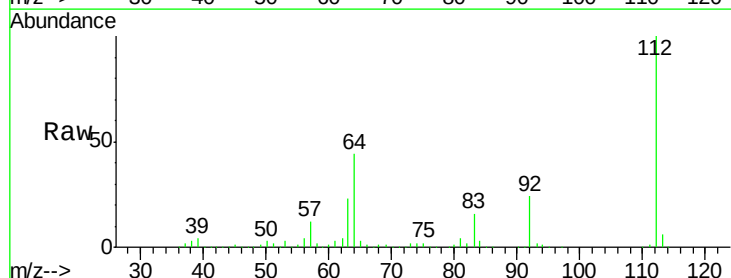
Tgt Ion:112 Resp: 675583

Ion Ratio Lower Upper

112 100

64 44.3 39.9 59.9

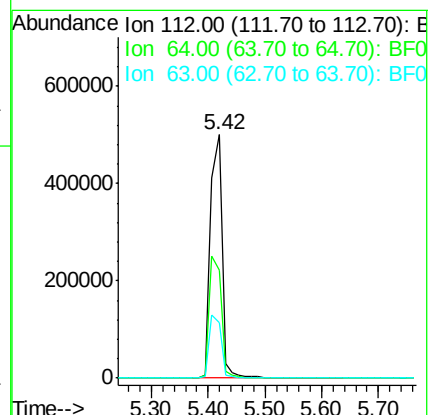
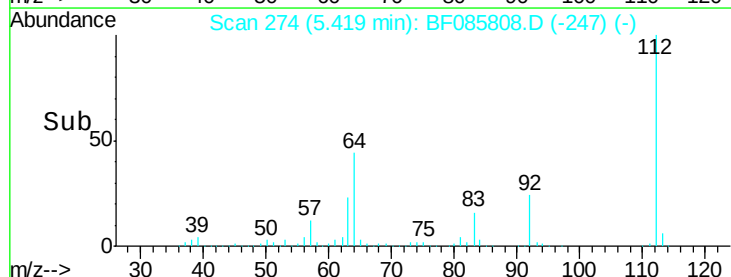
63 22.7 20.2 30.2

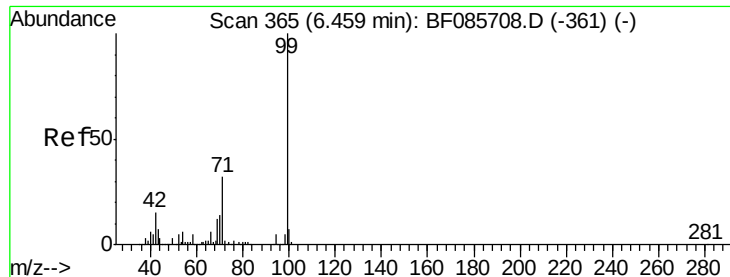


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.48 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

Instrument :

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ClientSampleId :

PB89183BL

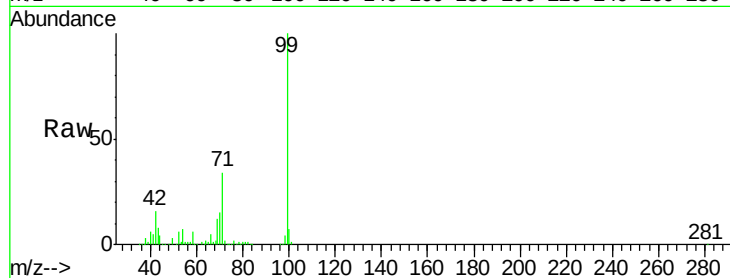
Tgt Ion: 99 Resp: 756299

Ion Ratio Lower Upper

99 100

42 16.2 11.1 16.7

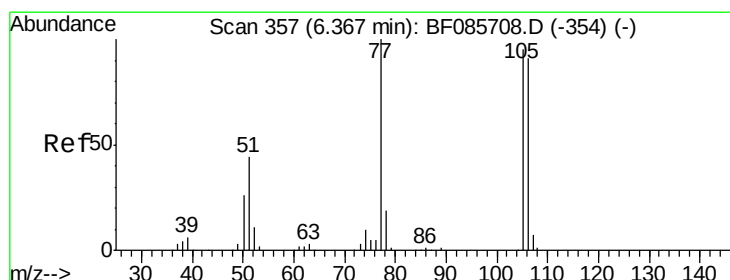
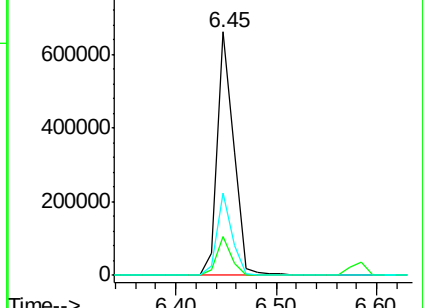
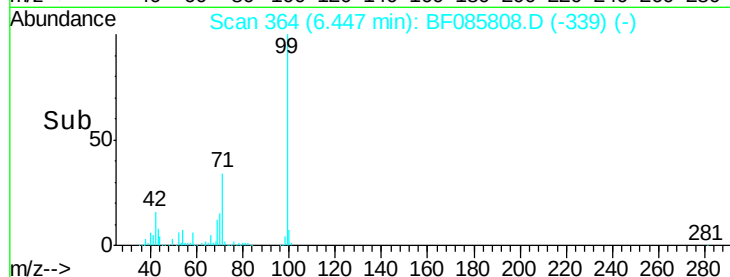
71 33.8 24.9 37.3



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: 3.10 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

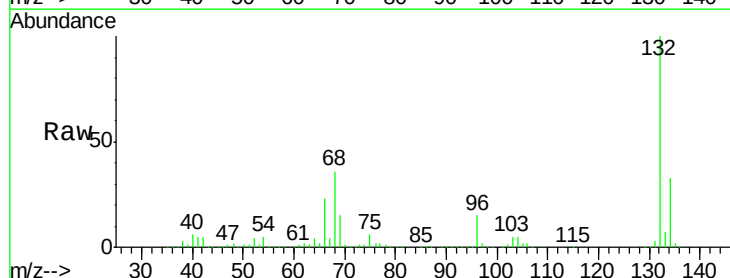
Tgt Ion: 77 Resp: 15254

Ion Ratio Lower Upper

77 100

105 90.7 80.1 120.1

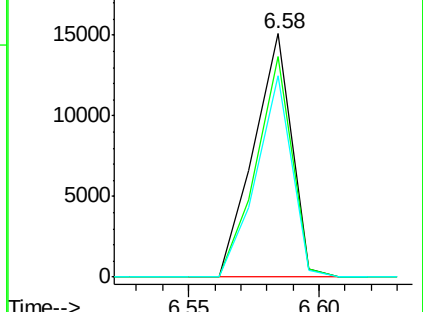
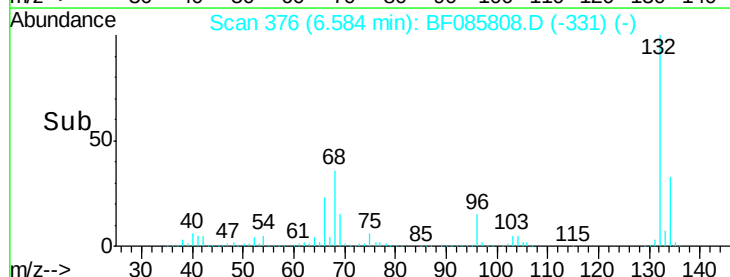
106 82.5 75.0 115.0

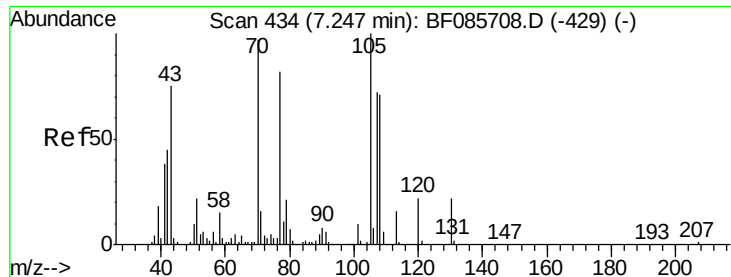


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

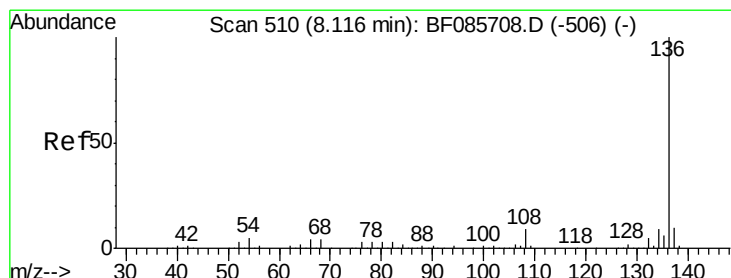
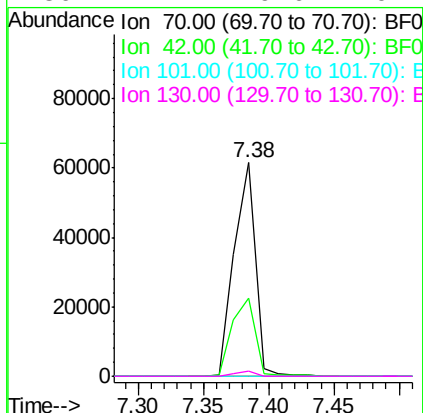
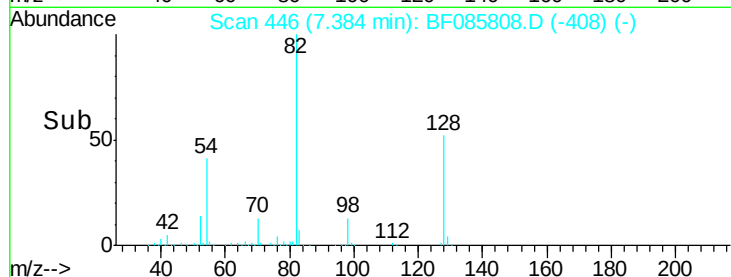
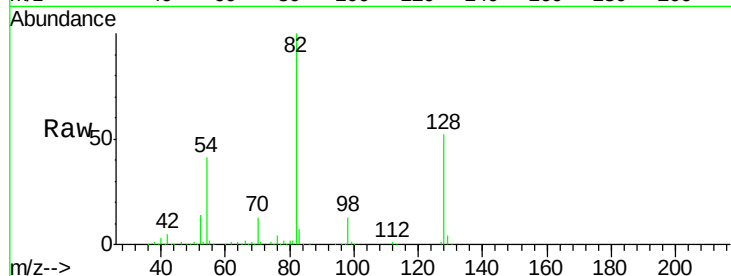




#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085808.D
Acq: 28 Mar 2016 18:22

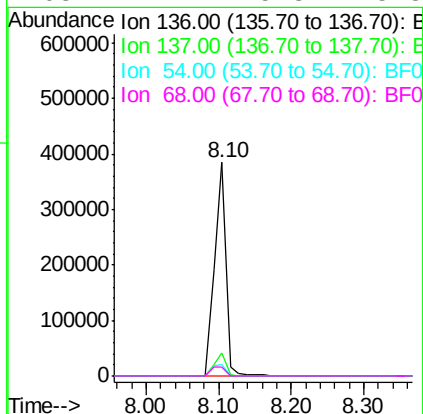
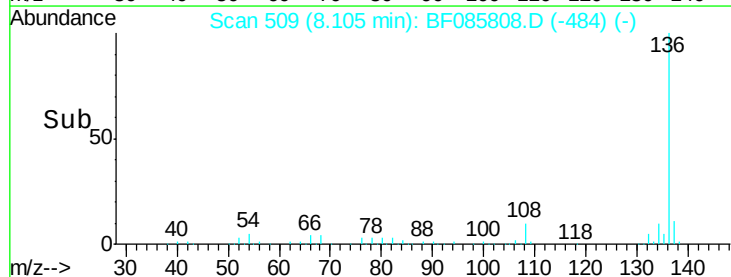
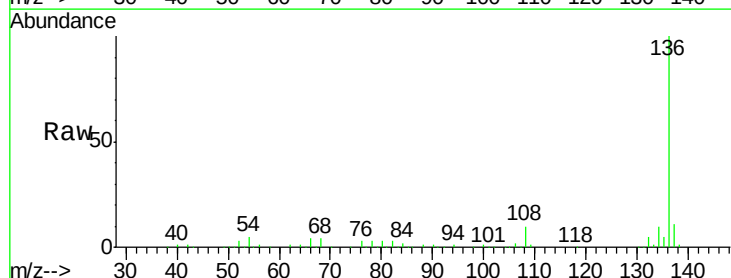
Instrument :
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ClientSampleId :
PB89183BL

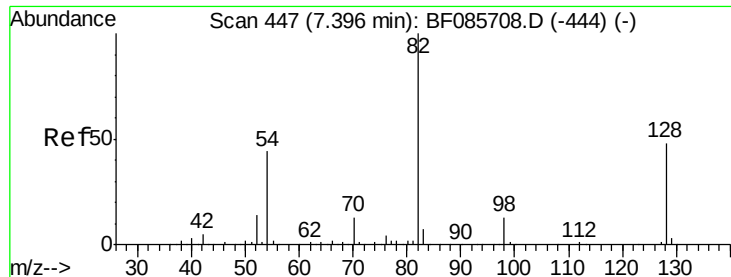
Tgt Ion: 70 Resp: 69072
Ion Ratio Lower Upper
70 100
42 36.6 37.1 55.7#
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085808.D
Acq: 28 Mar 2016 18:22

Tgt Ion: 136 Resp: 417076
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 5.1 7.4 11.0#
68 4.4 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 72.15 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

Instrument :

BNA_F

ClientSampleId :

PB89183BL

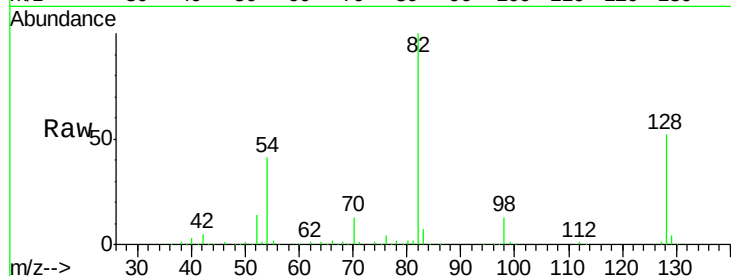
Tgt Ion: 82 Resp: 534359

Ion Ratio Lower Upper

82 100

128 51.6 41.8 62.8

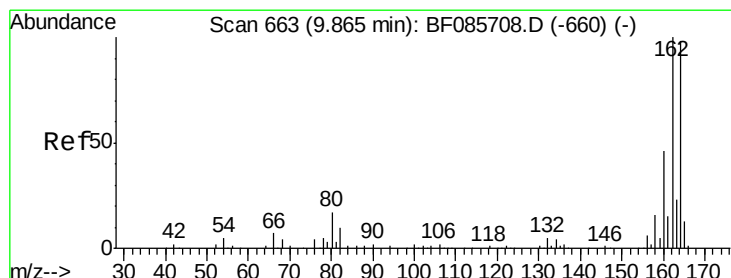
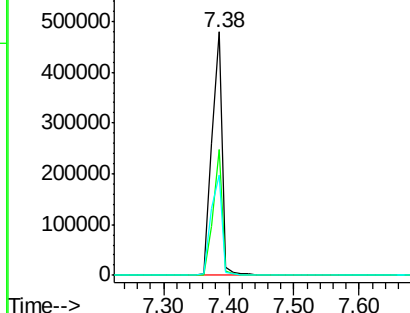
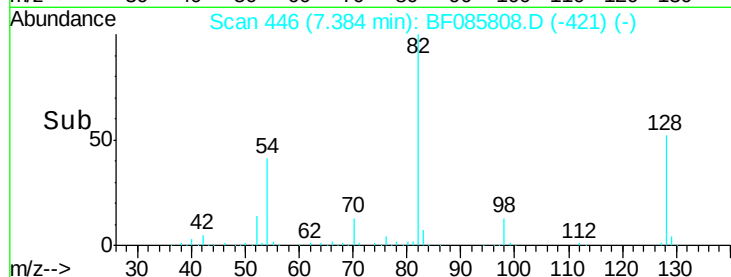
54 41.3 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

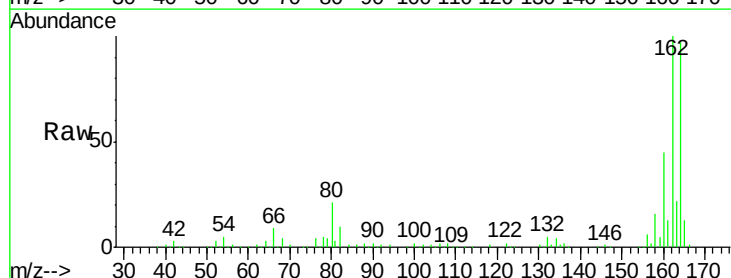
Tgt Ion: 164 Resp: 188640

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

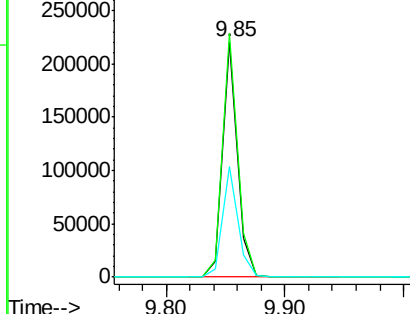
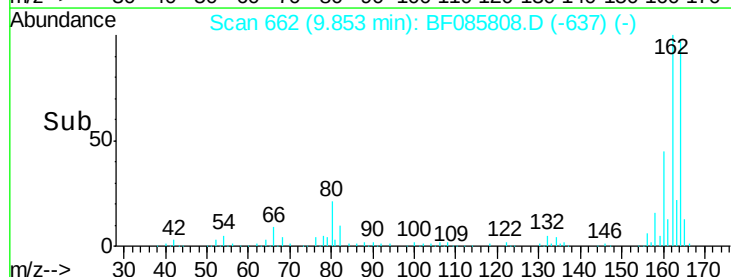
160 46.9 37.4 56.2

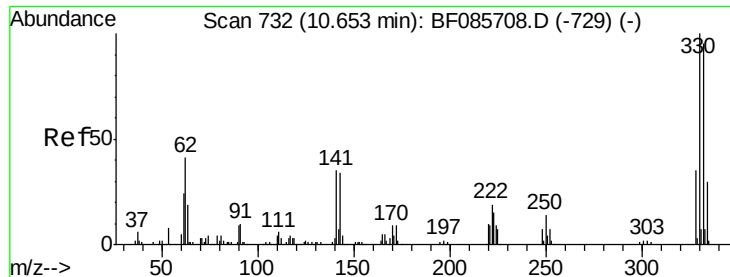


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

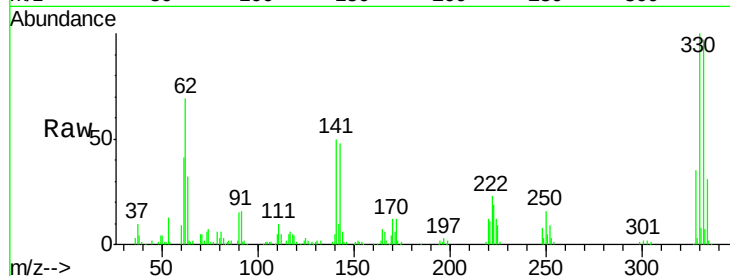




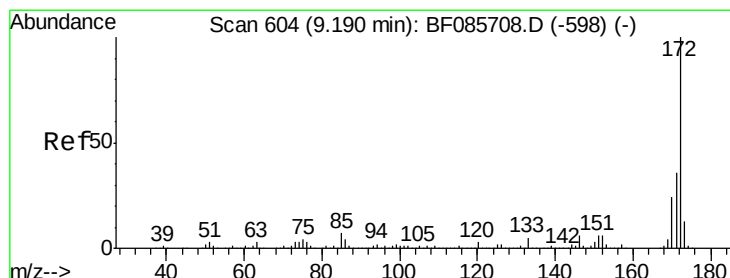
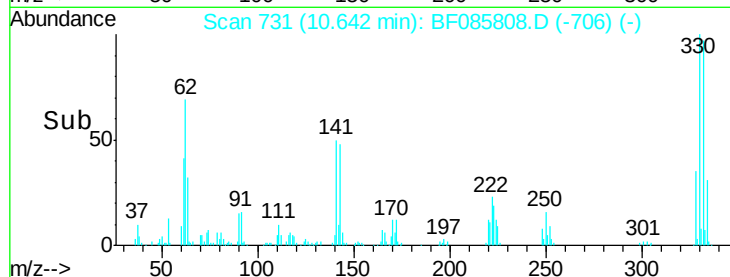
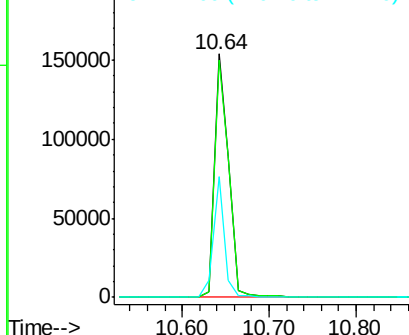
#41
 2,4,6-Tribromophenol
 Concen: 98.50 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

Instrument :
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 PB89183BL

Tgt Ion:330 Resp: 176548
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.2 117.2
 141 39.6 31.5 47.3

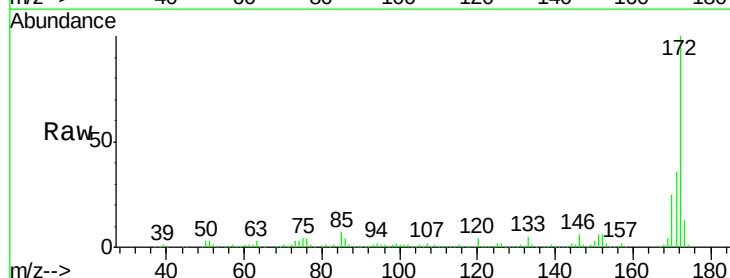


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

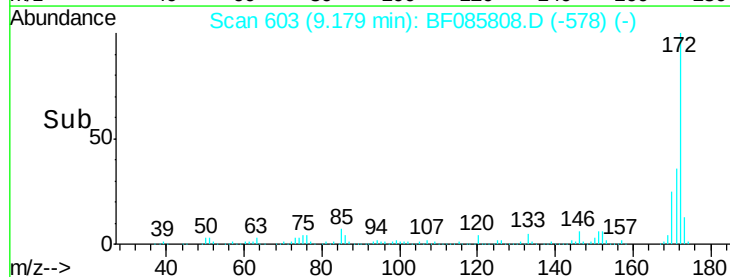
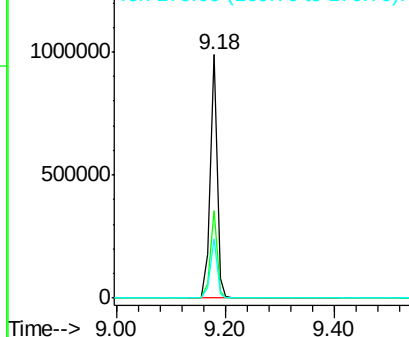


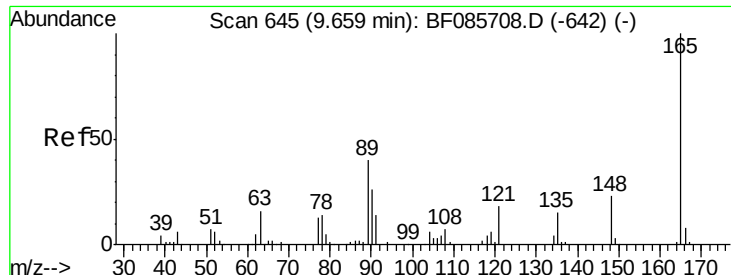
#44
 2-Fluorobiphenyl
 Concen: 76.98 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

Tgt Ion:172 Resp: 869147
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 19.8 29.6



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

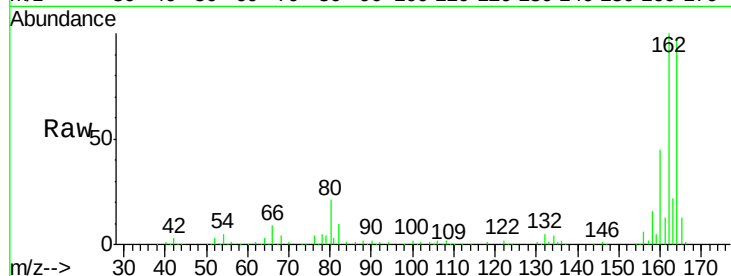




#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BL

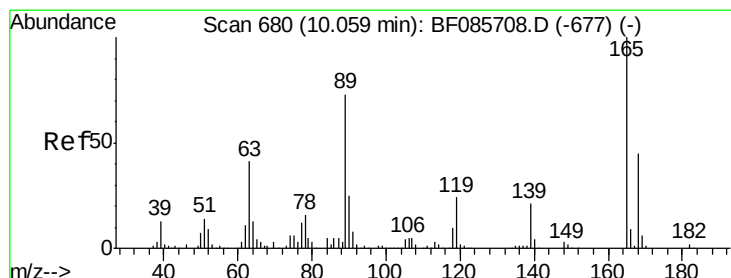
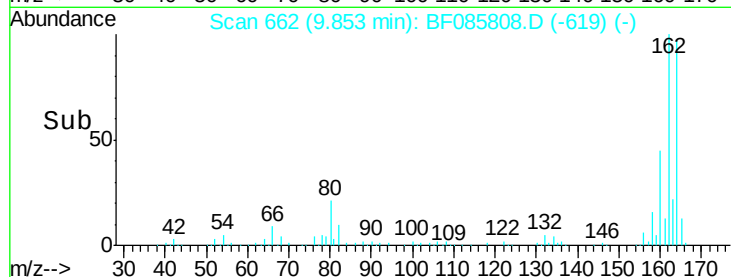
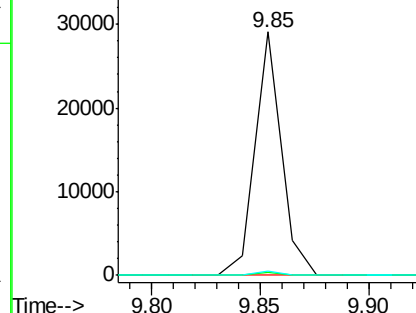
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	51.8	77.8#
89	1.5	53.7	80.5#



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: 6.23 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

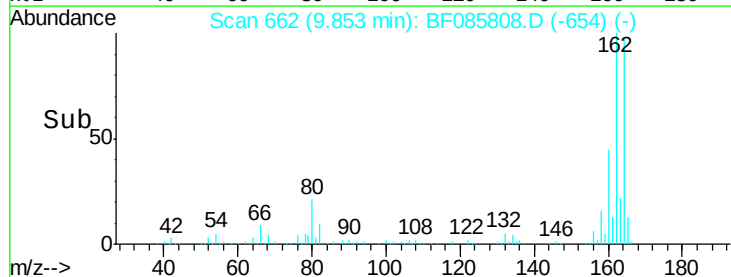
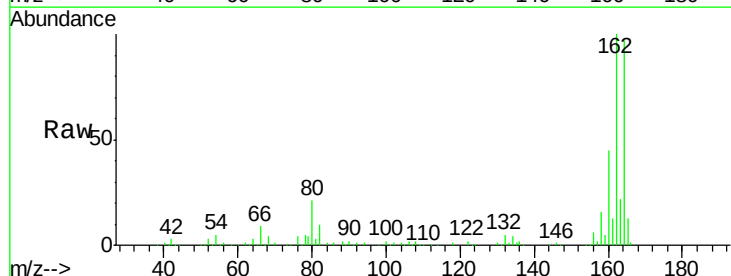
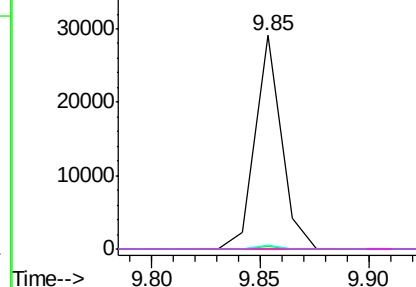
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

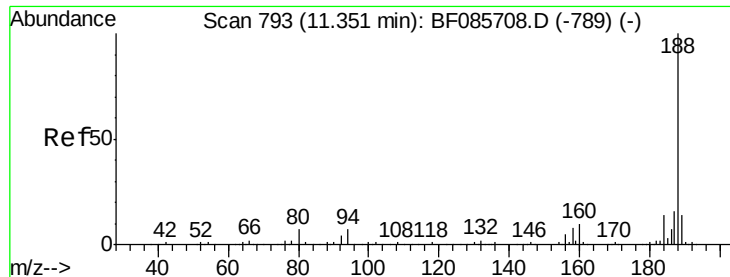
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

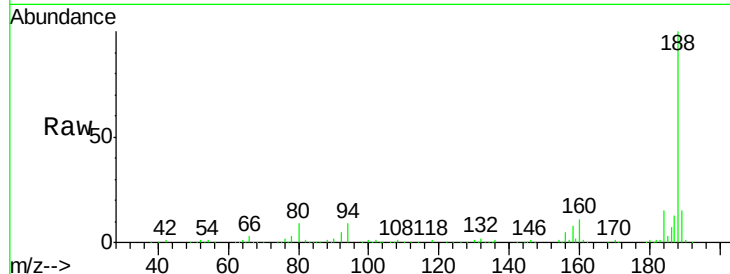




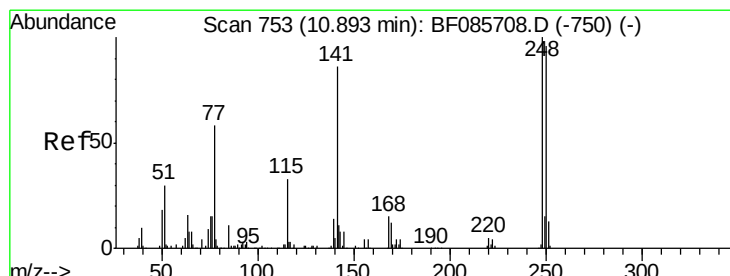
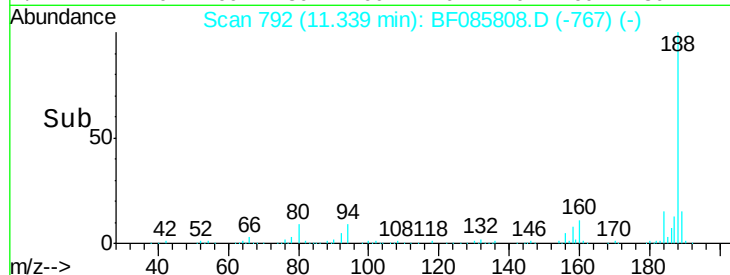
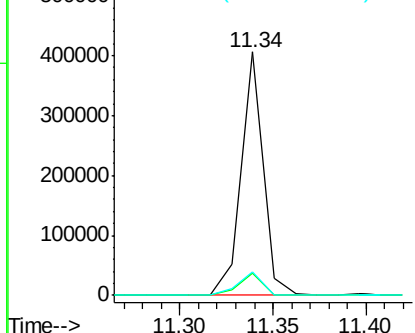
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BL

Tgt Ion:188 Resp: 338546
 Ion Ratio Lower Upper
 188 100
 94 9.1 5.4 8.0#
 80 9.4 5.5 8.3#

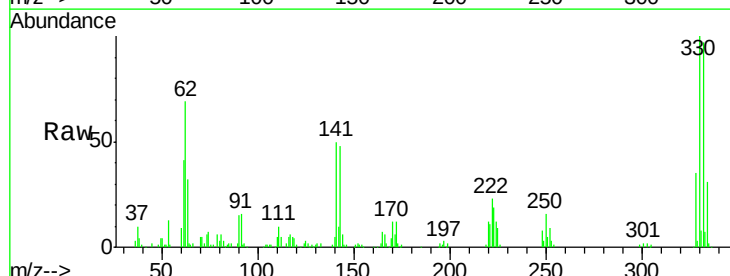


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

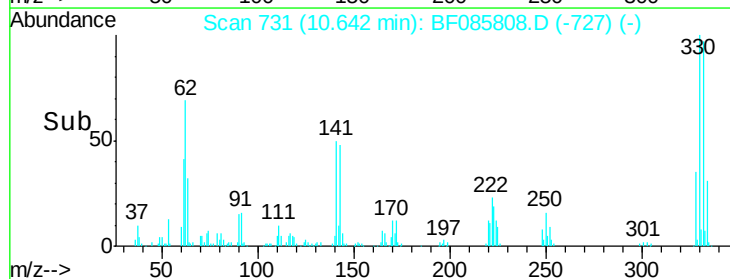
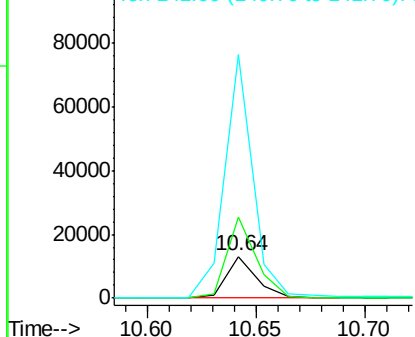


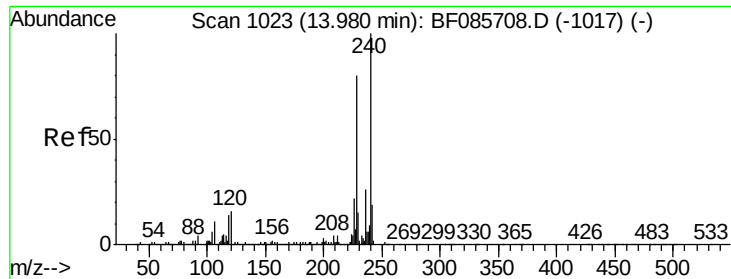
#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085808.D
 Acq: 28 Mar 2016 18:22

Tgt Ion:248 Resp: 12364
 Ion Ratio Lower Upper
 248 100
 250 193.2 77.4 116.0#
 141 584.7 63.6 95.4#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

Instrument :

BNA_F

ClientSampleId :

PB89183BL

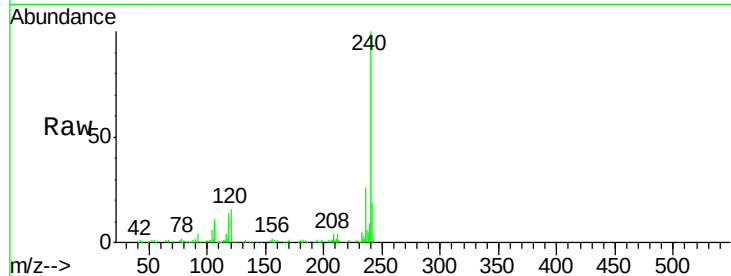
Tgt Ion:240 Resp: 190879

Ion Ratio Lower Upper

240 100

120 16.2 13.8 20.8

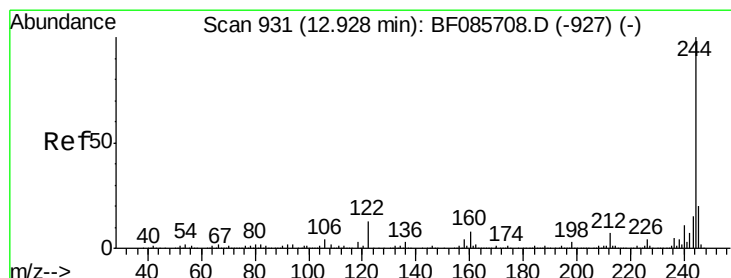
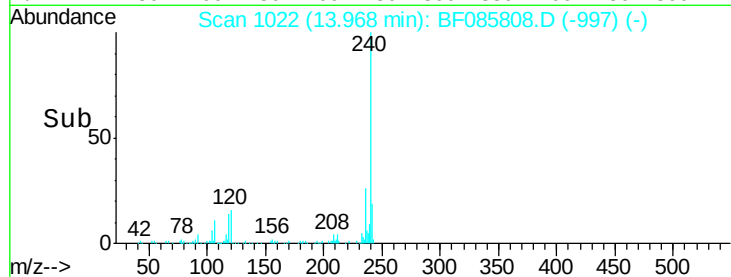
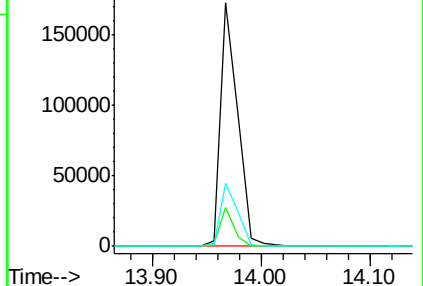
236 25.7 20.6 30.8



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: 85.09 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085808.D

Acq: 28 Mar 2016 18:22

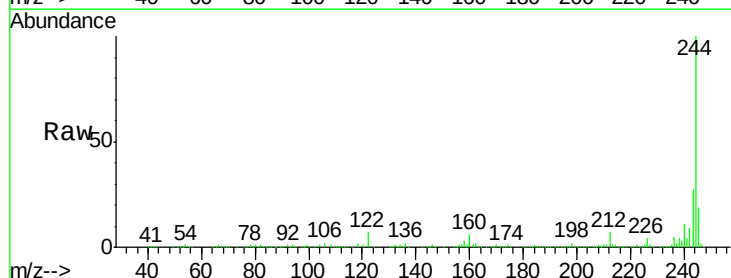
Tgt Ion:244 Resp: 789794

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

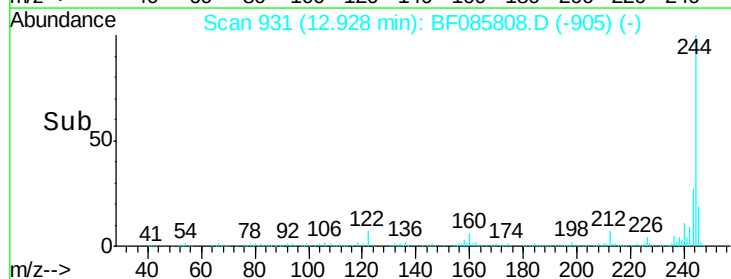
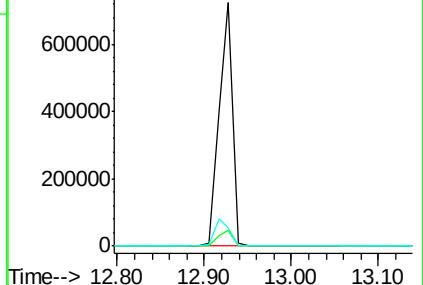
122 7.4 10.2 15.4#

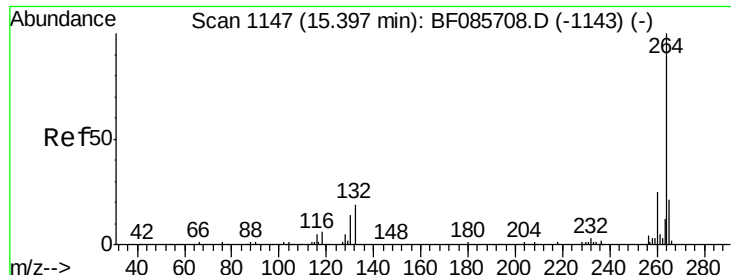


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

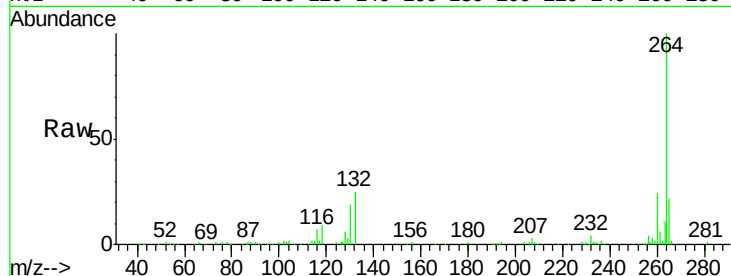




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085808.D
Acq: 28 Mar 2016 18:22

Instrument :
BNA_F
ClientSampleId :
PB89183BL

Tgt Ion: 264 Resp: 173154
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.2 17.2 25.8



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

