

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082697.D
 Acq On : 4 Nov 2015 13:23
 Operator : UM/IZ
 Sample : PB86401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BL

Quant Time: Nov 04 23:16:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

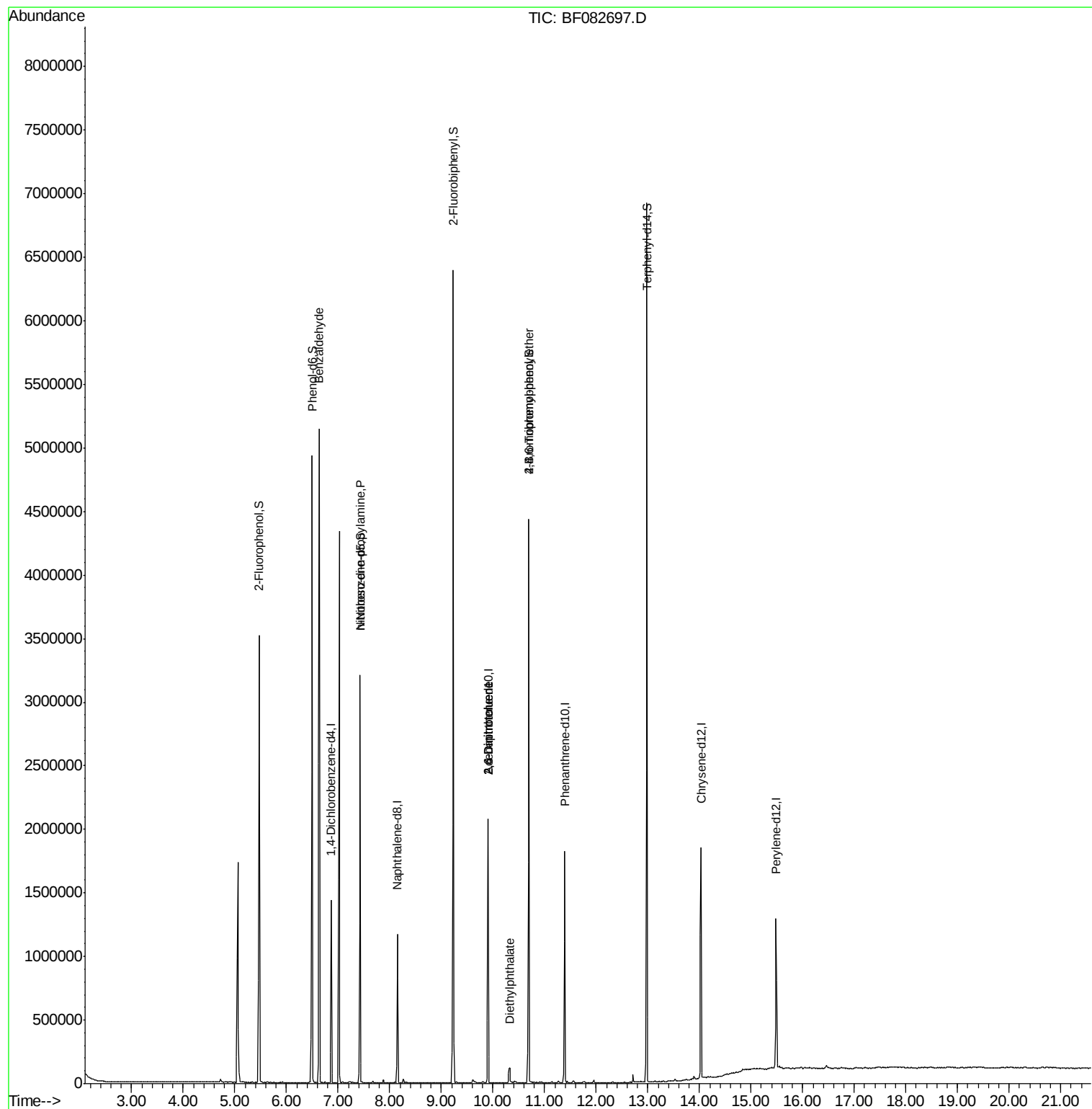
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	186515	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	692240	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	406319	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	827935	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	788308	20.00	ng	-0.02
86) Perylene-d12	15.48	264	601209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1297828	104.80	ng	0.00
7) Phenol-d6	6.50	99	1746793	106.18	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1115557	65.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	490911	110.40	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1939005	67.75	ng	-0.02
78) Terphenyl-d14	12.98	244	2133431	59.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	41202	3.67	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	156133	12.52	ng	# 71
50) 2,6-Dinitrotoluene	9.90	165	52552	7.64	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	52555	5.65	ng	# 15
59) Diethylphthalate	10.33	149	101363	3.00	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	36327	3.87	ng	# 1

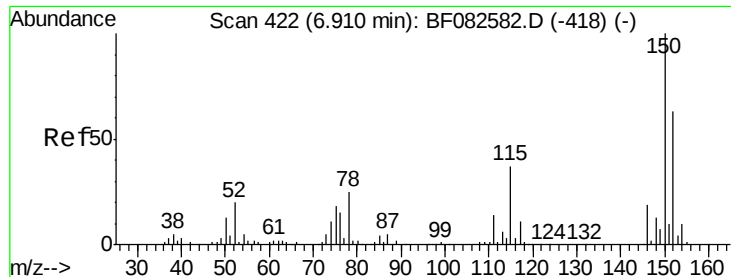
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB86401BL

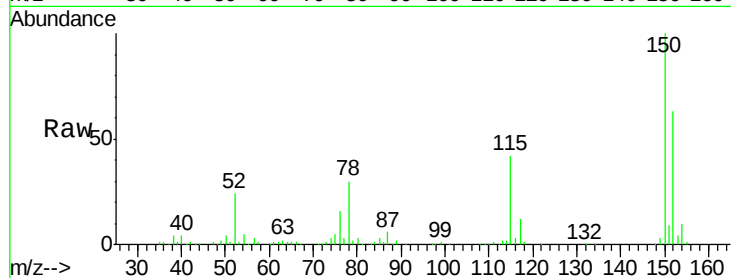
Tgt Ion:152 Resp: 186515

Ion Ratio Lower Upper

152 100

150 159.5 127.0 190.4

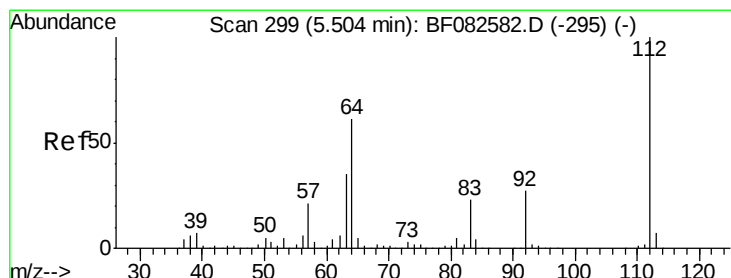
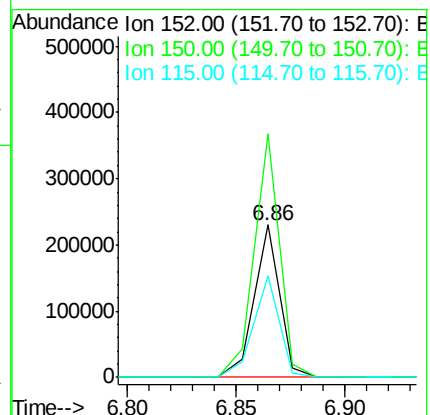
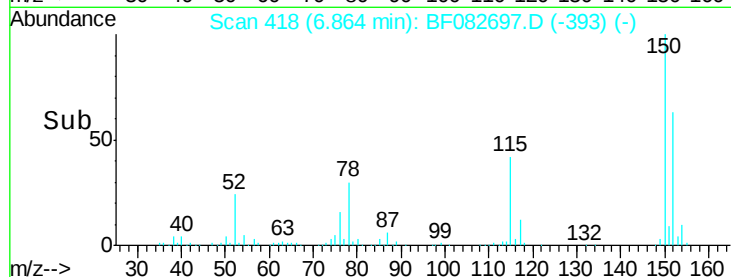
115 66.8 47.0 70.6



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: 104.80 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

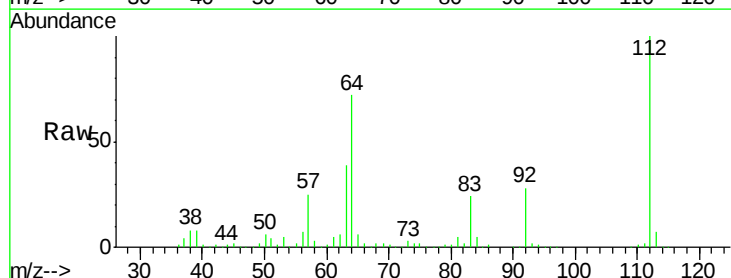
Tgt Ion:112 Resp: 1297828

Ion Ratio Lower Upper

112 100

64 72.1 48.9 73.3

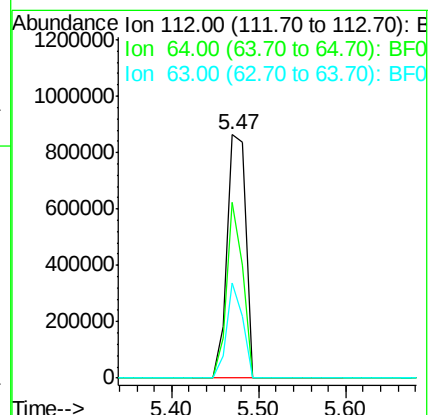
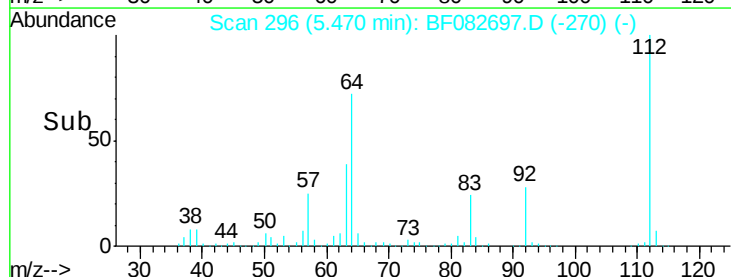
63 38.9 28.1 42.1

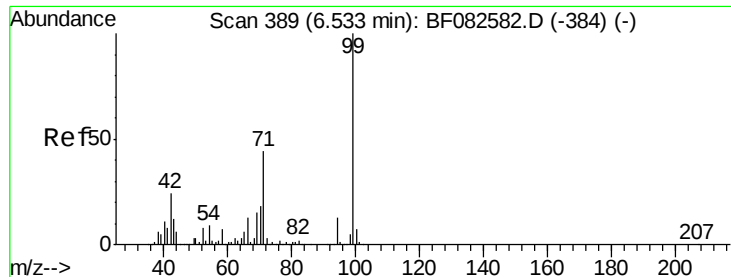


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.18 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB86401BL

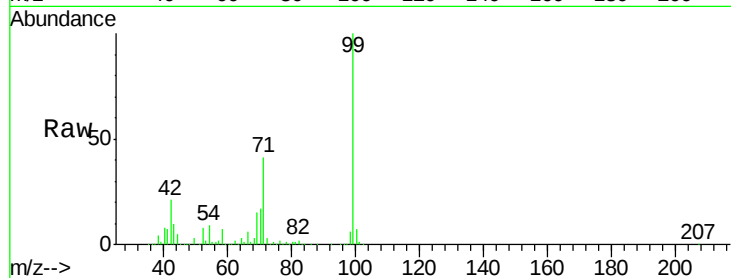
Tgt Ion: 99 Resp: 1746793

Ion Ratio Lower Upper

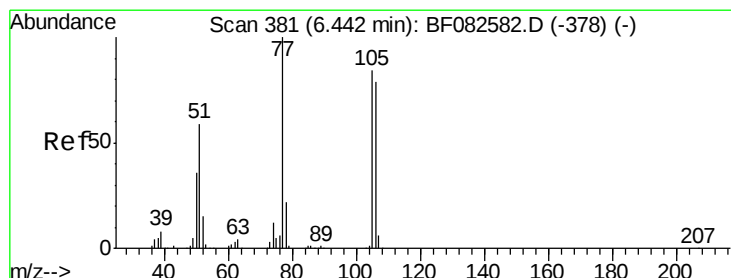
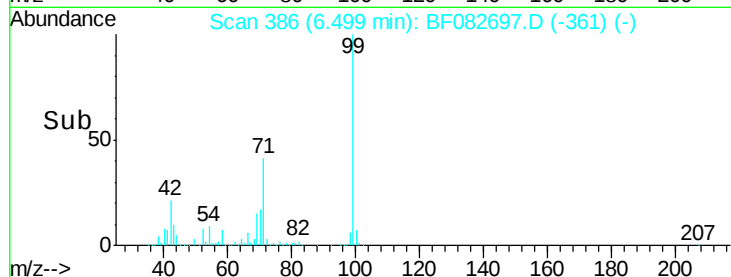
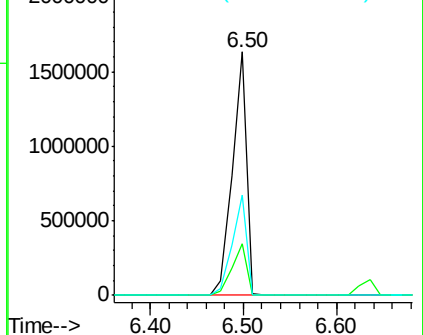
99 100

42 21.3 19.2 28.8

71 40.9 35.0 52.4



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: 3.67 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

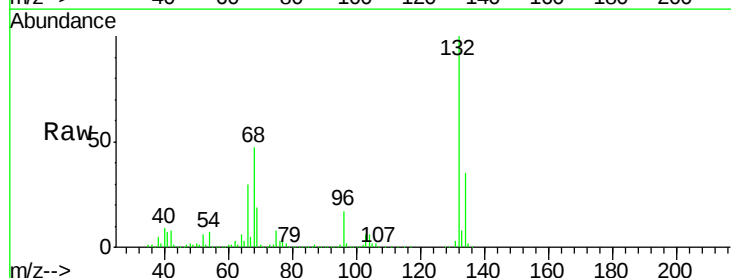
Tgt Ion: 77 Resp: 41202

Ion Ratio Lower Upper

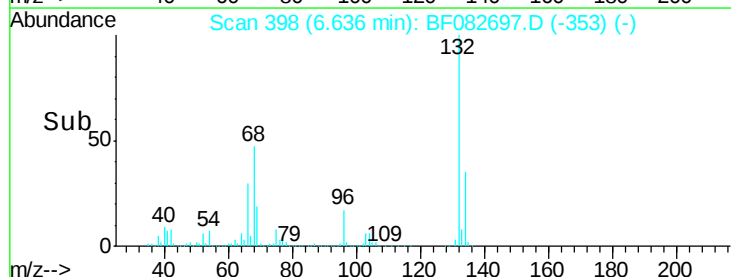
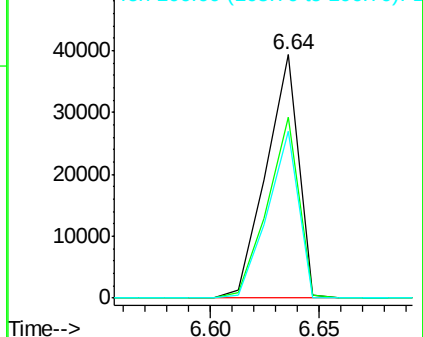
77 100

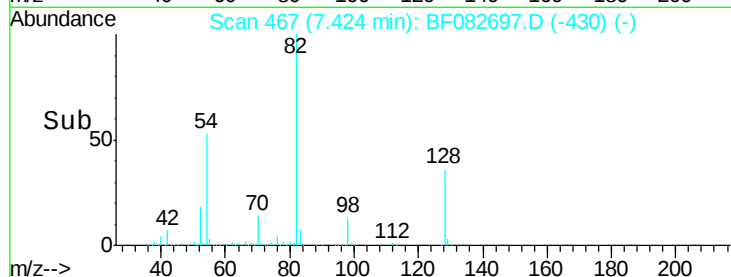
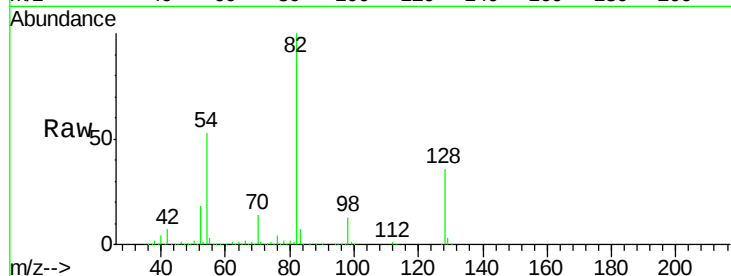
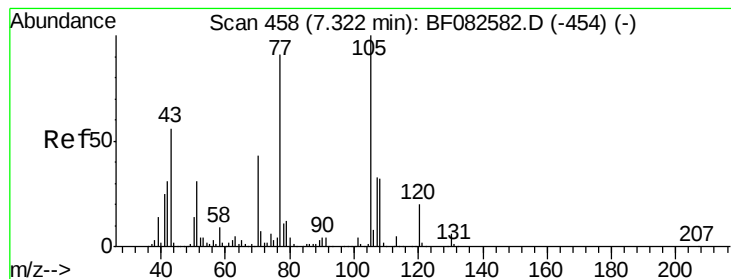
105 74.3 63.5 103.5

106 68.6 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.52 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB86401BL

Tgt Ion: 70 Resp: 156133

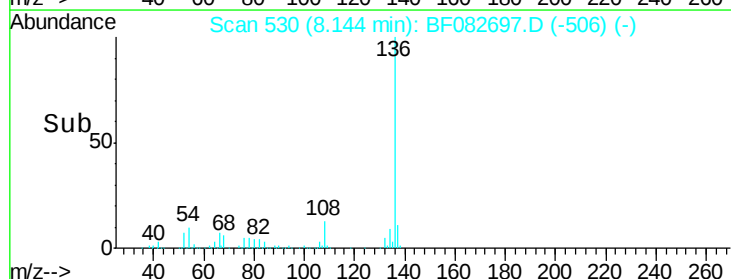
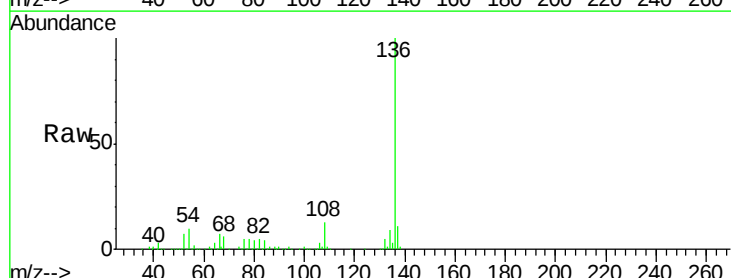
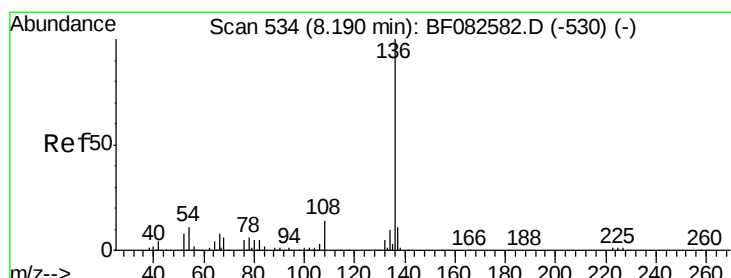
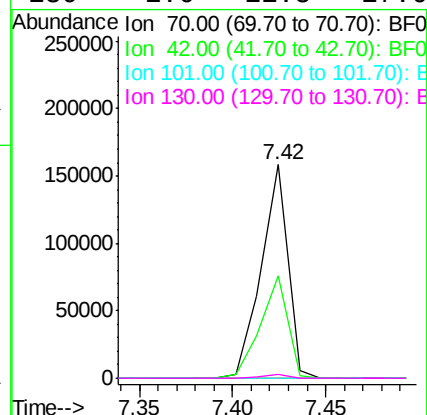
Ion Ratio Lower Upper

70 100

42 47.8 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

Tgt Ion: 136 Resp: 692240

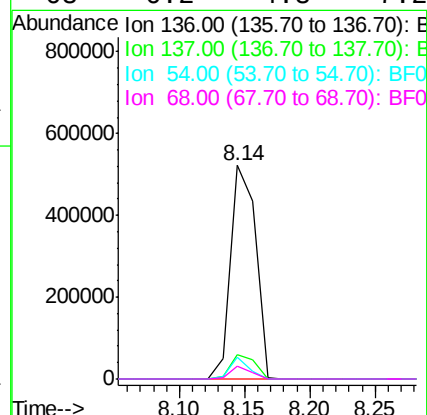
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.3 9.1 13.7

68 6.2 4.8 7.2

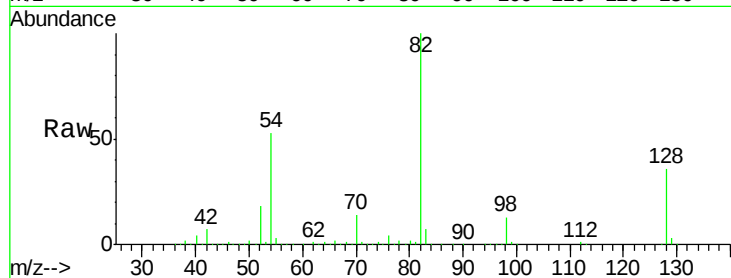




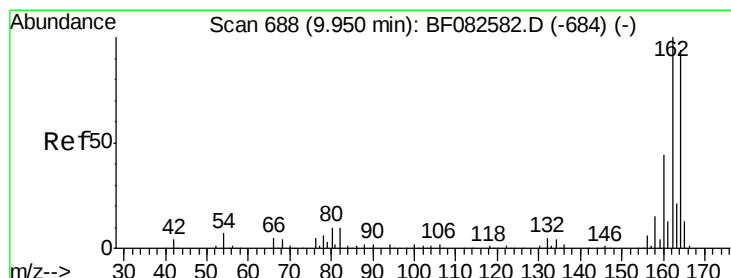
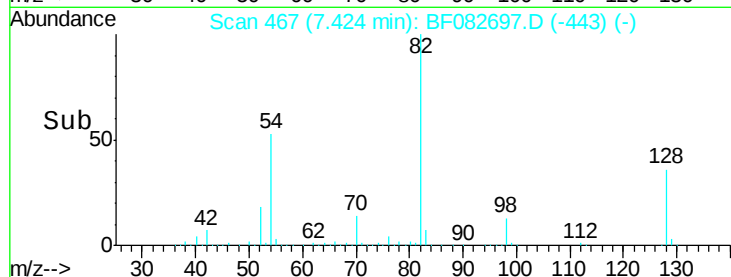
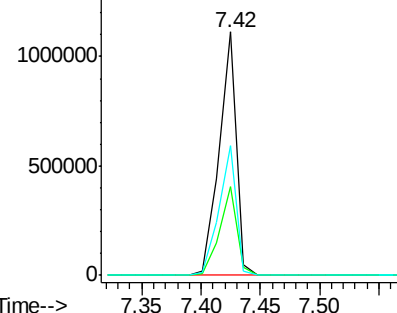
#23
 Nitrobenzene-d5
 Concen: 65.81 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BL

Tgt Ion: 82 Resp: 111557
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 53.2 45.7 68.5

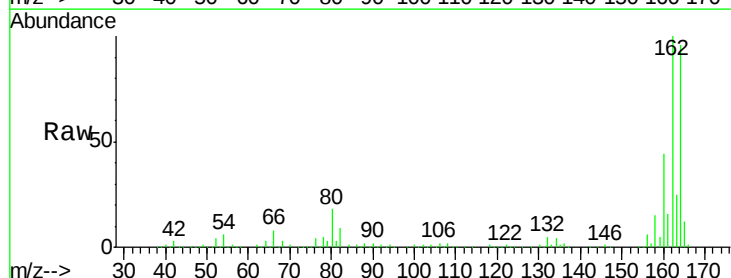


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

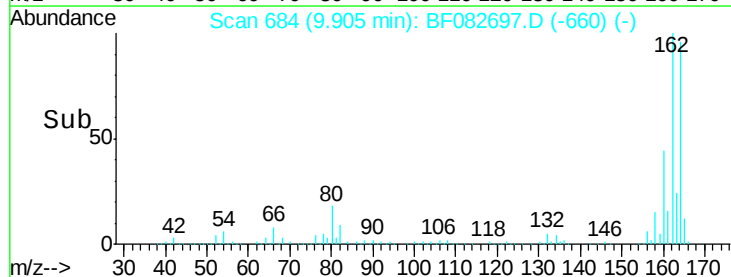
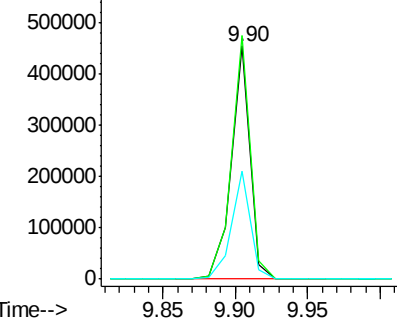


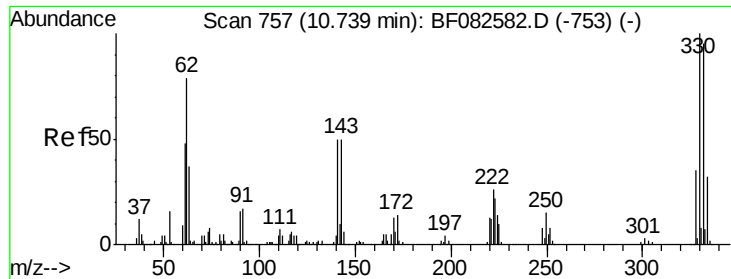
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

Tgt Ion: 164 Resp: 406319
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 46.2 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

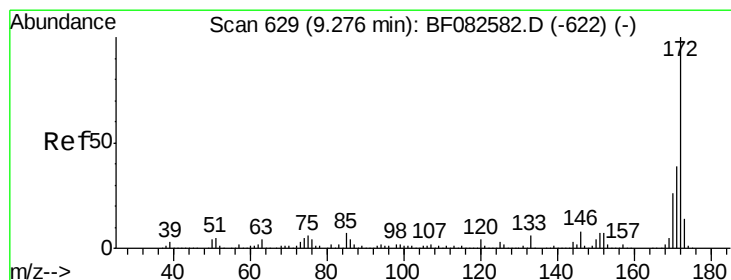
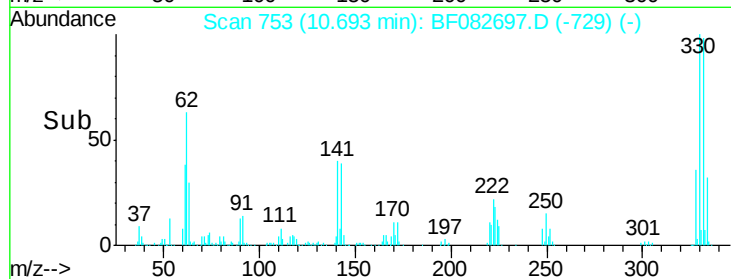
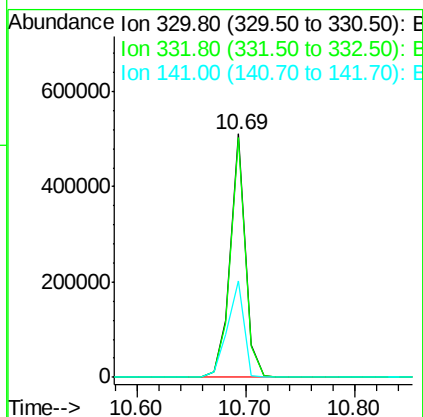
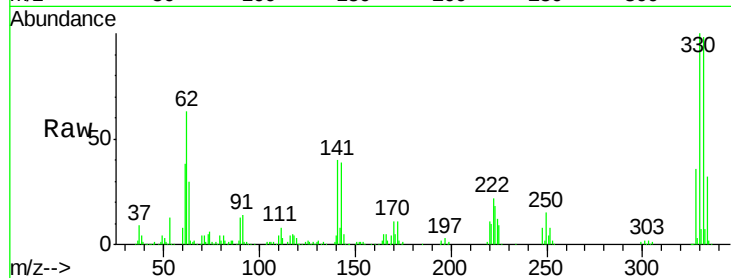




#41
 2,4,6-Tribromophenol
 Concen: 110.40 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

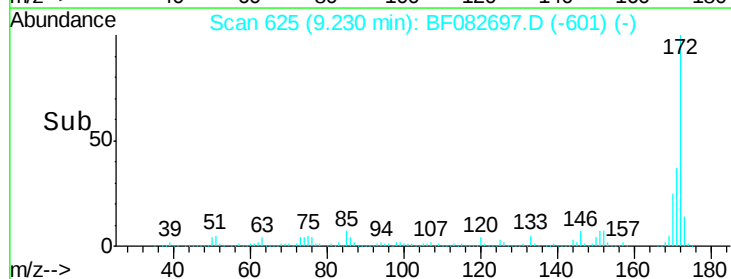
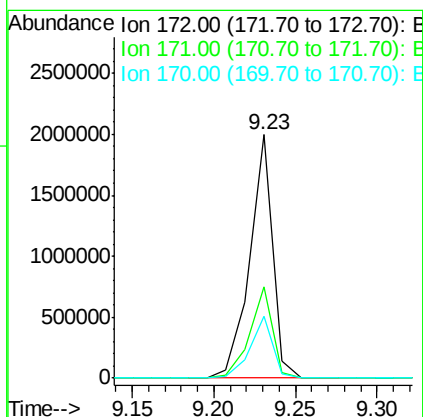
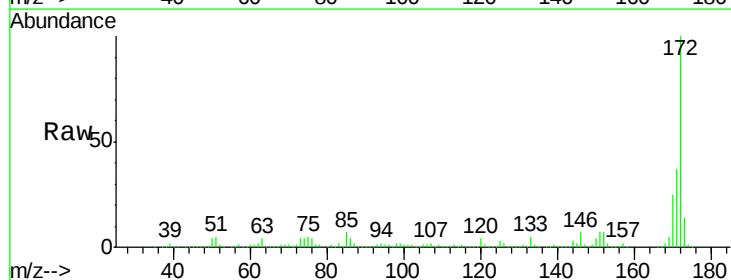
Instrument :
 BNA_F
 ClientSampleId :
 PB86401BL

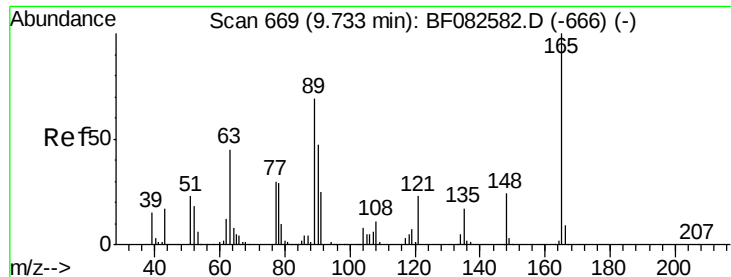
Tgt Ion:330 Resp: 490911
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 43.1 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 67.75 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

Tgt Ion:172 Resp: 1939005
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.3 21.2 31.8

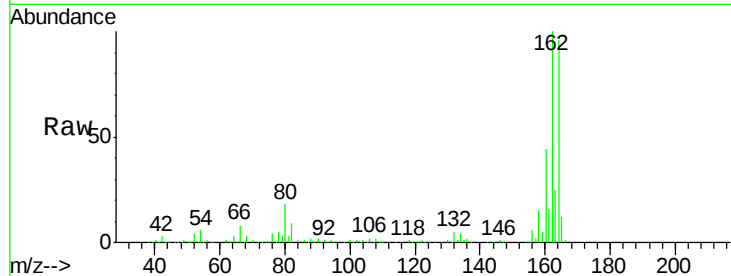




#50
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF082697.D
Acq: 4 Nov 2015 13:23

Instrument :
BNA_F
ClientSampleId :
PB86401BL

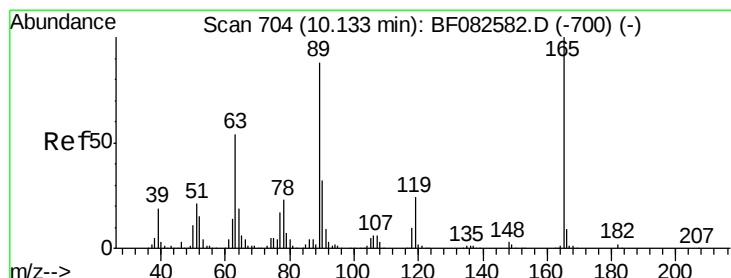
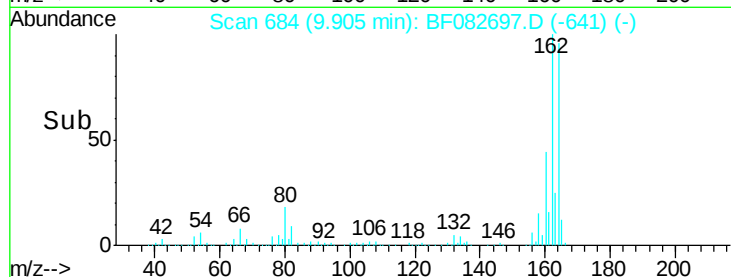
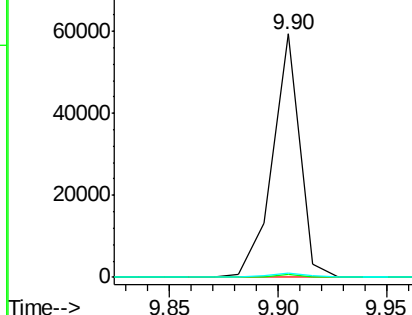
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	55.5	83.3#
89	1.7	55.0	82.6#



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: 5.65 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082697.D
Acq: 4 Nov 2015 13:23

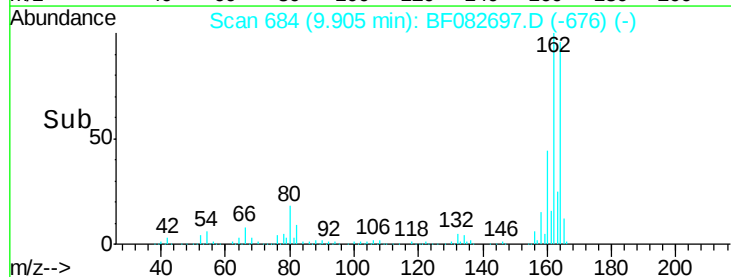
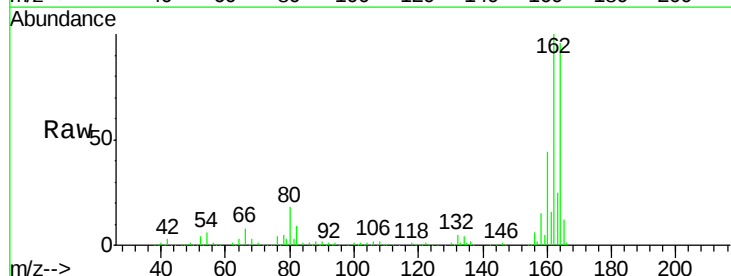
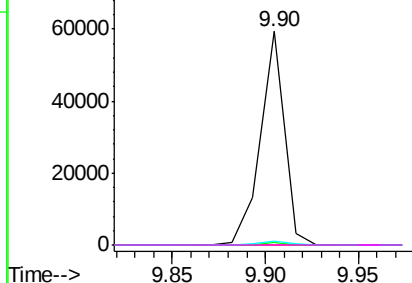
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

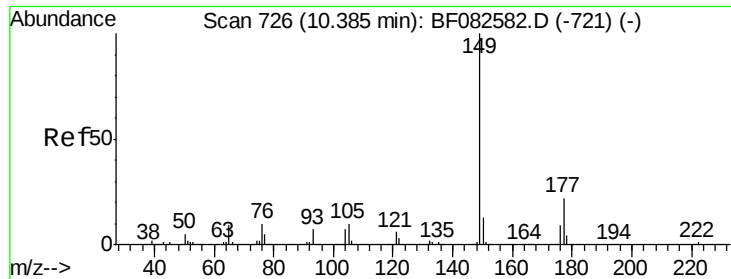
Abundance Ion 165.00 (164.70 to 165.70): E

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

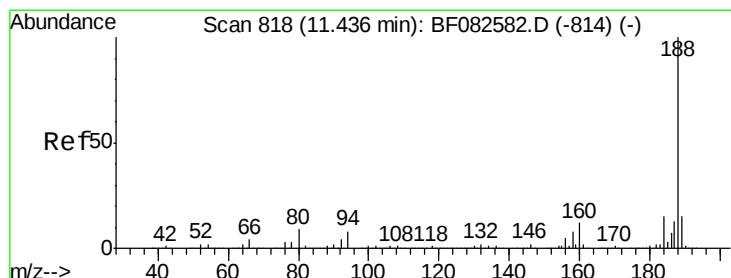
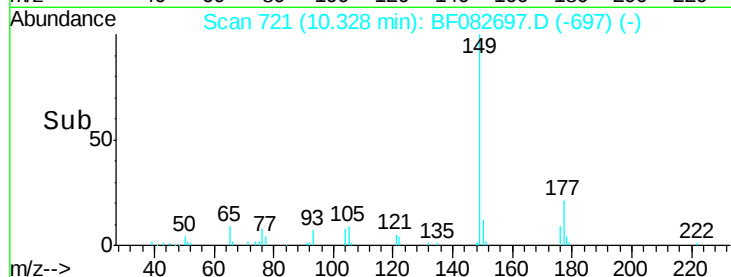
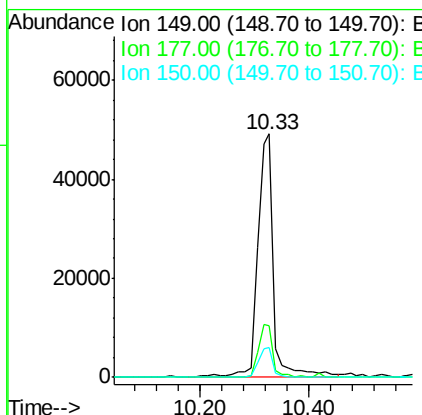
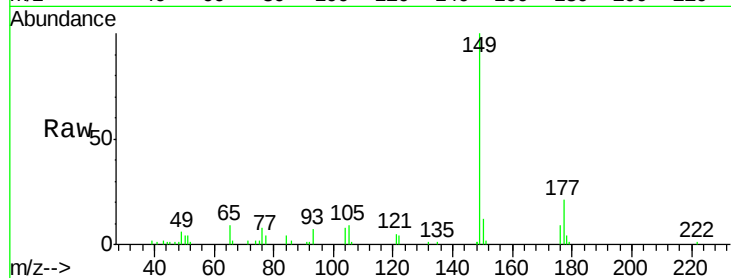




#59
Diethylphthalate
Concen: 3.00 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082697.D
Acq: 4 Nov 2015 13:23

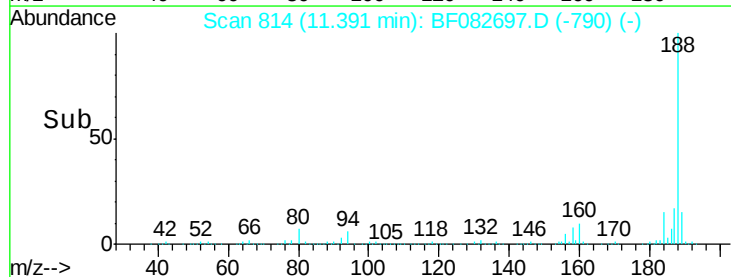
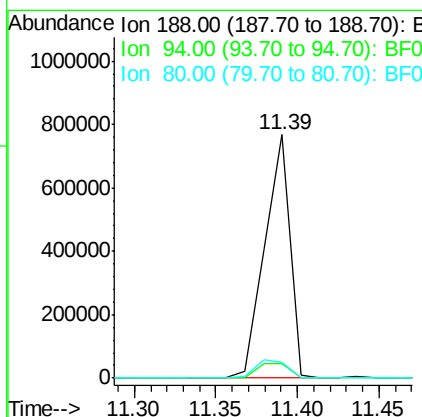
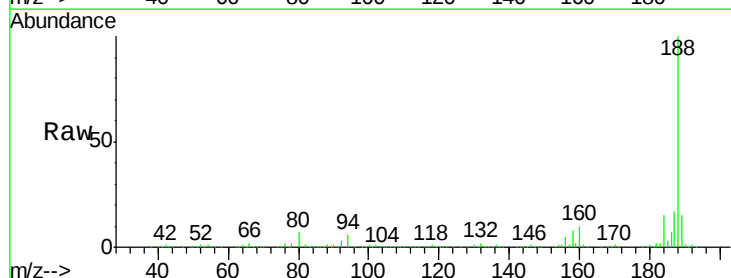
Instrument :
BNA_F
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PB86401BL

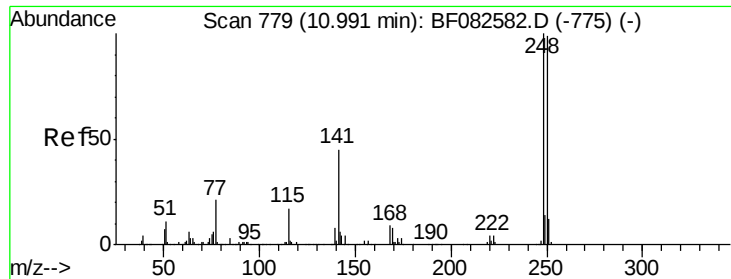
Tgt Ion:149 Resp: 101363
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 12.3 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082697.D
Acq: 4 Nov 2015 13:23

Tgt Ion:188 Resp: 827935
Ion Ratio Lower Upper
188 100
94 5.7 6.1 9.1#
80 6.5 7.0 10.6#

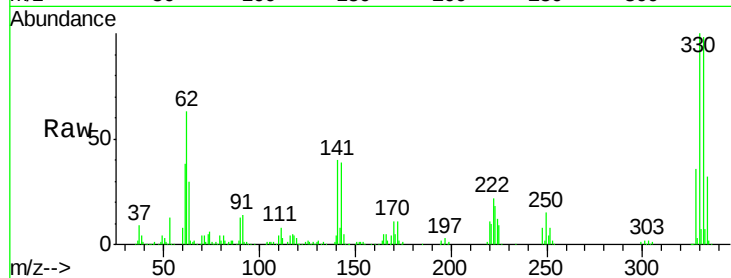




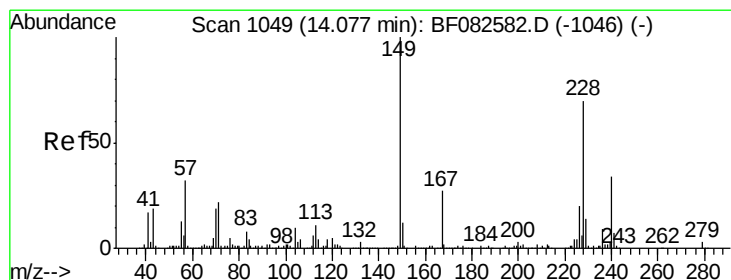
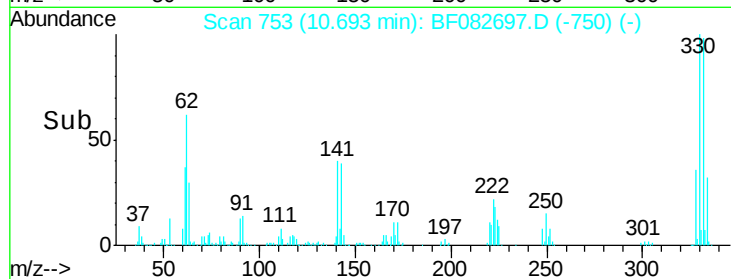
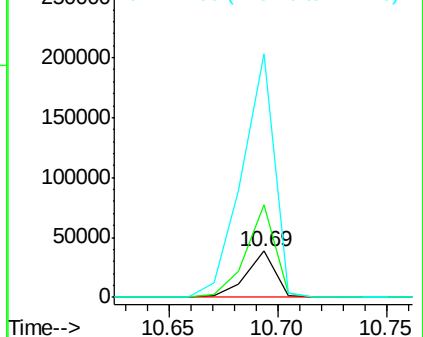
#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BL

Tgt Ion:248 Resp: 36327
 Ion Ratio Lower Upper
 248 100
 250 199.8 79.4 119.2#
 141 524.9 36.3 54.5#

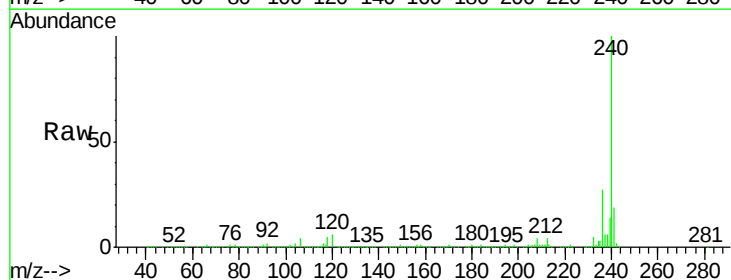


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

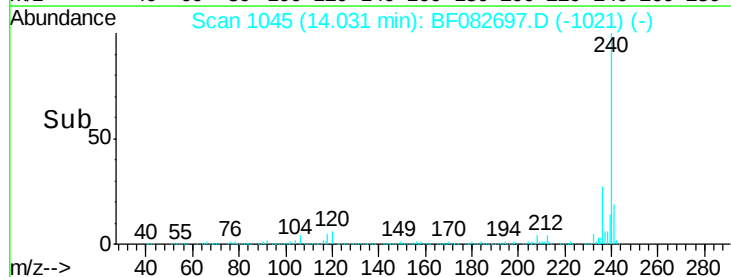
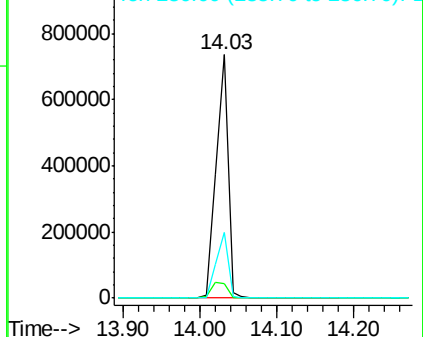


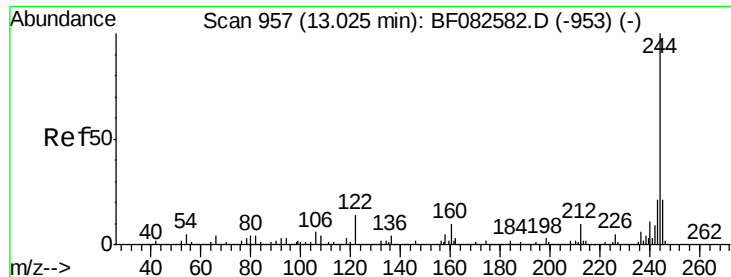
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF082697.D
 Acq: 4 Nov 2015 13:23

Tgt Ion:240 Resp: 788308
 Ion Ratio Lower Upper
 240 100
 120 5.7 10.9 16.3#
 236 26.8 21.6 32.4



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: 59.23 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

Instrument :

BNA_F

ClientSampled :

PB86401BL

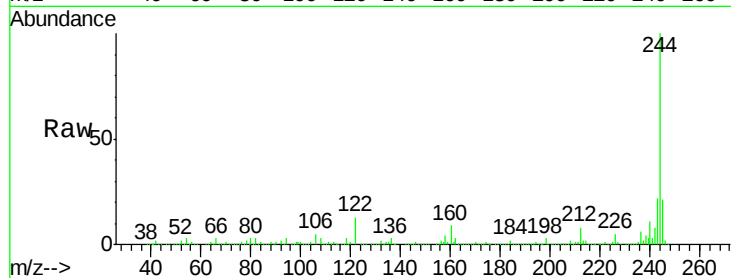
Tgt Ion:244 Resp: 2133431

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

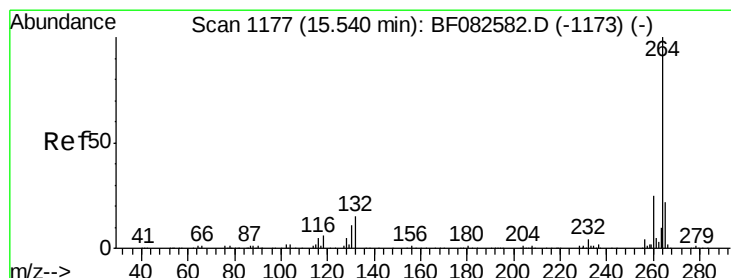
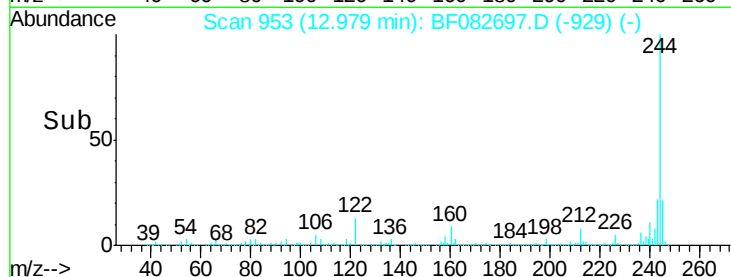
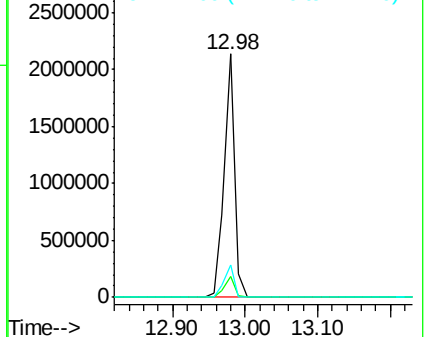
122 13.1 11.3 16.9



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: 15.48 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF082697.D

Acq: 4 Nov 2015 13:23

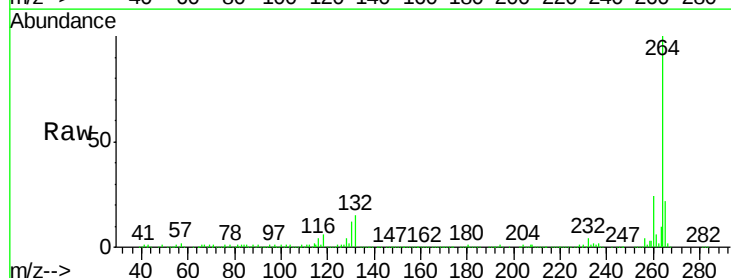
Tgt Ion:264 Resp: 601209

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.7 17.4 26.0



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

