

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082104.D
 Acq On : 7 Oct 2015 14:59
 Operator : UM/IZ
 Sample : PB85943TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85943TB

Quant Time: Oct 08 02:50:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

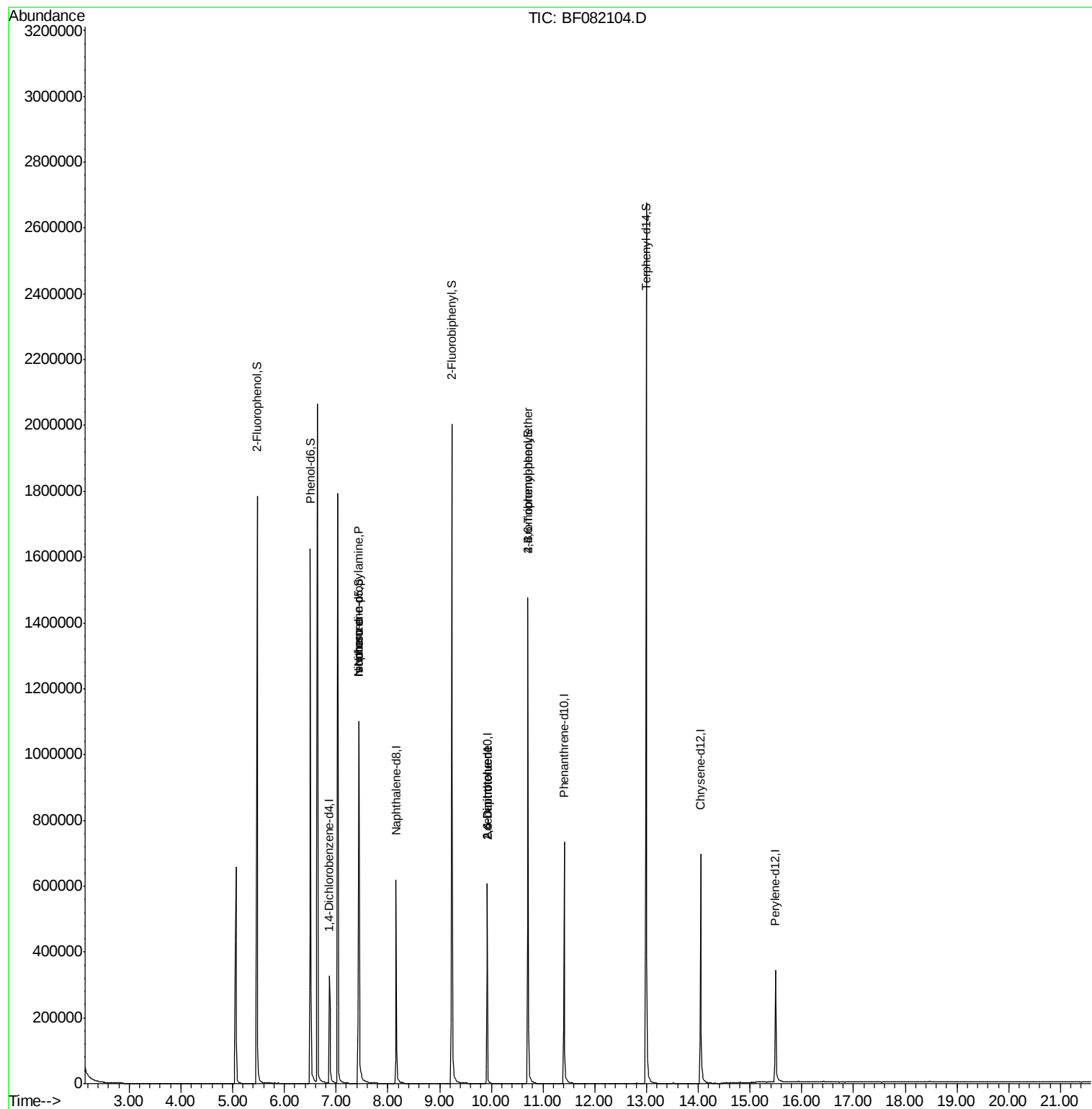
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80164	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	324599	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	161224	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	338157	20.00	ng	0.00
75) Chrysene-d12	14.05	240	316633	20.00	ng	-0.01
86) Perylene-d12	15.49	264	235706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	555881	125.88	ng	0.01
7) Phenol-d6	6.50	99	648599	116.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	424553	87.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	201459	123.38	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	850303	89.08	ng	-0.01
78) Terphenyl-d14	13.00	244	952307	103.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	53598	15.87	ng	# 57
25) Isophorone	7.44	82	377446	39.11	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	19378	8.02	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	19379	6.29	ng	# 31
57) Fluorene	10.71	166	8736	Below	Cal	# 80
66) 4-Bromophenyl-phenylether	10.71	248	13857	4.06	ng	# 1
73) Di-n-butylphthalate	11.97	149	524	Below	Cal	# 78

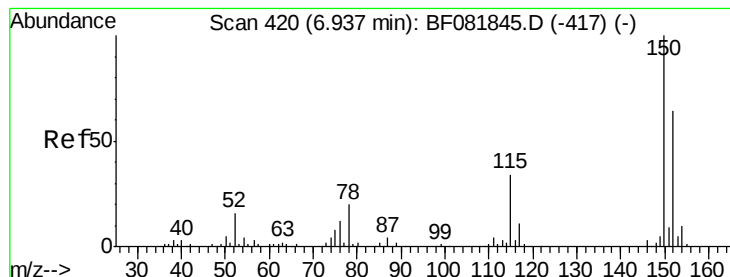
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

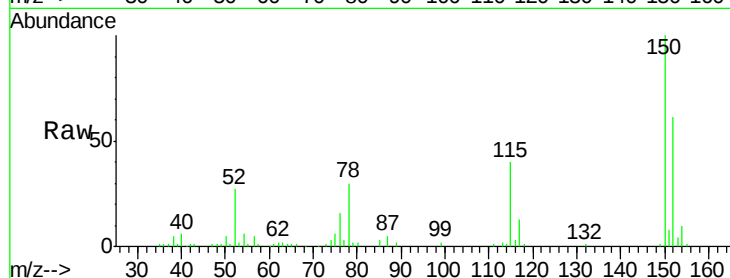
Tot Ion:152 Resp: 80164

Ion Ratio Lower Upper

152 100

150 163.6 124.7 187.1

115 66.0 39.0 58.4#



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

600000

500000

400000

300000

200000

100000

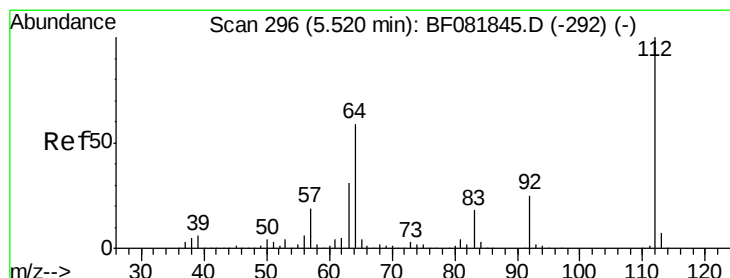
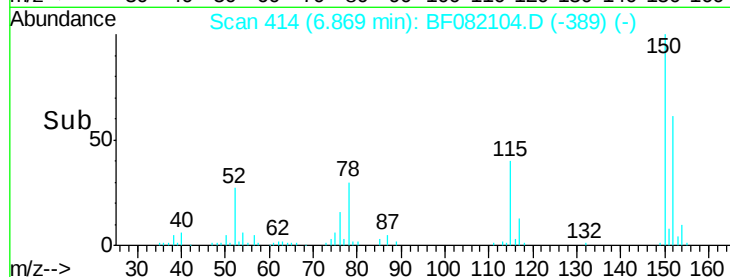
0

6.80

6.90

7.00

Time-->



#5

2-Fluorophenol

Concen: 125.88 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

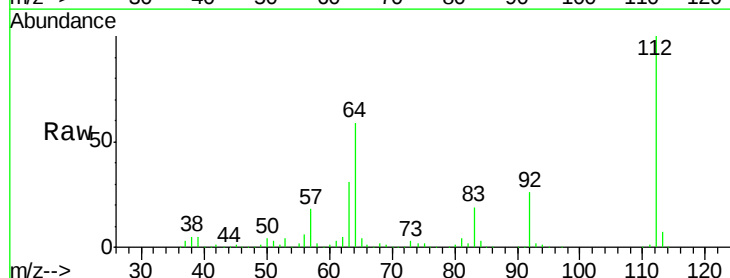
Tgt Ion:112 Resp: 555881

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

63 31.2 17.4 26.0#



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

600000

400000

200000

0

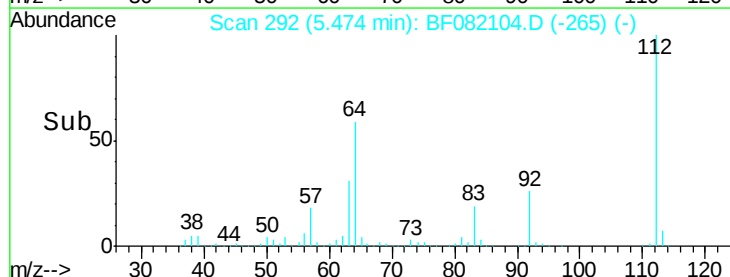
5.40

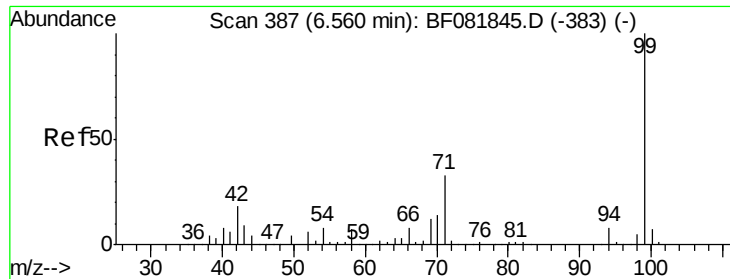
5.50

5.60

5.70

Time-->





#7

Phenol-d6

Concen: 116.72 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

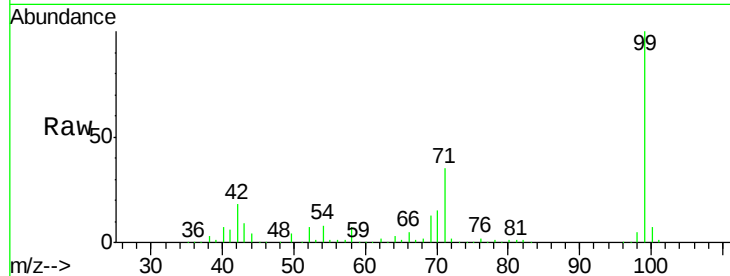
Tot Ion: 99 Resp: 648599

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

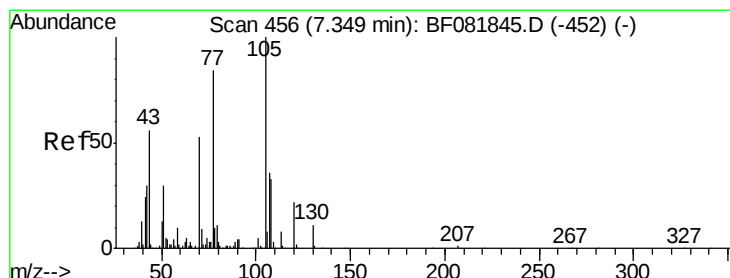
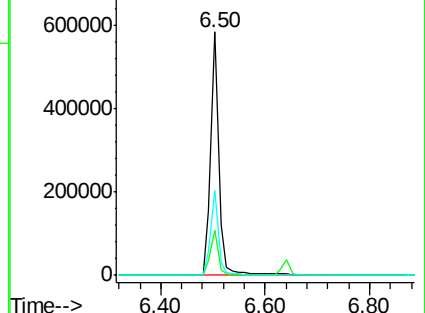
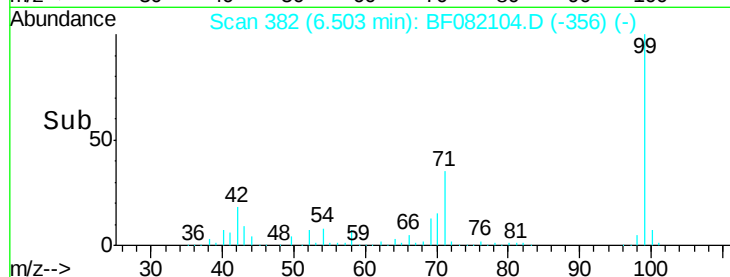
71 35.0 14.2 21.2#



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: 15.87 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Tgt Ion: 70 Resp: 53598

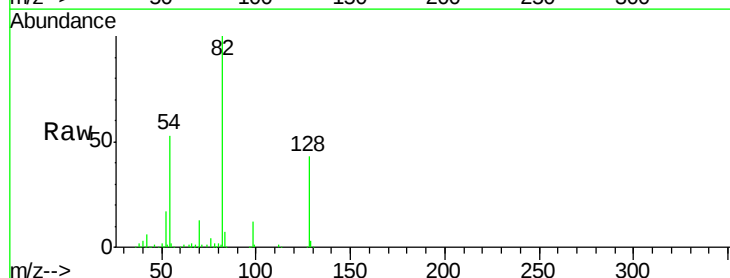
Ion Ratio Lower Upper

70 100

42 45.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

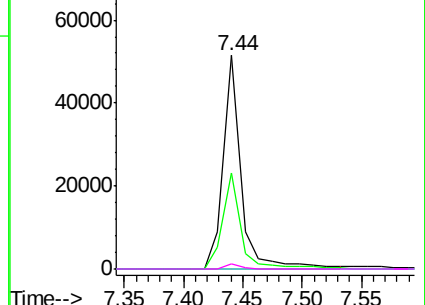
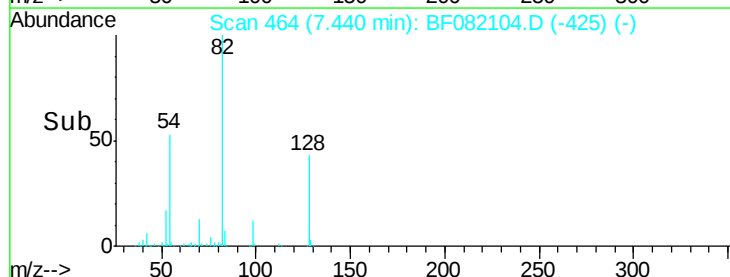


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

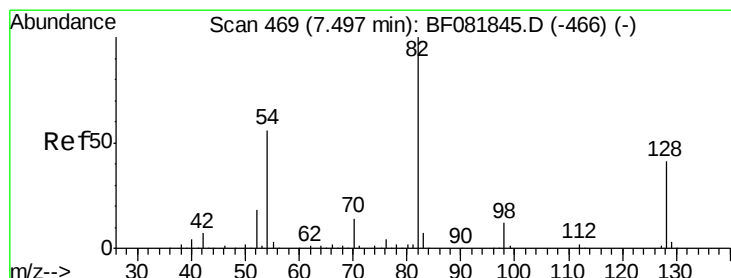
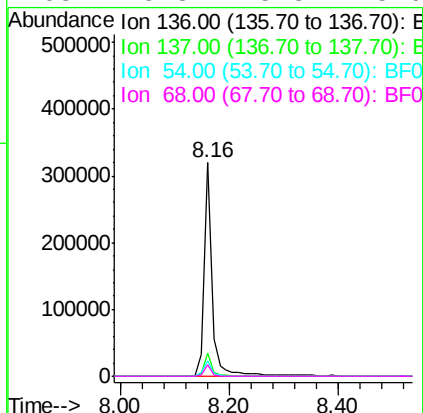
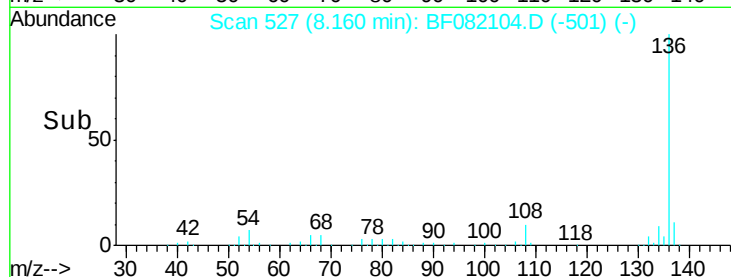
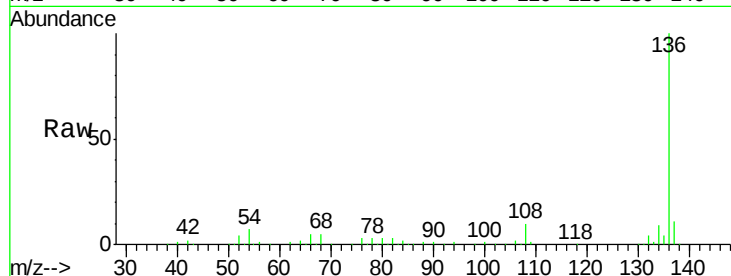




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF082104.D
Acq: 7 Oct 2015 14:59

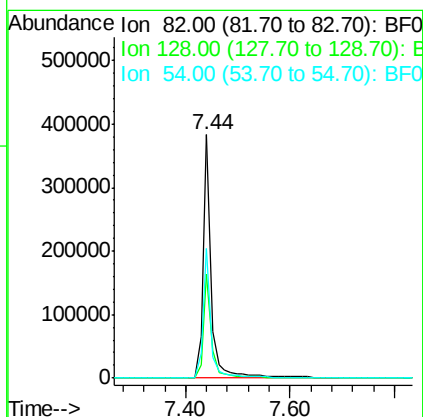
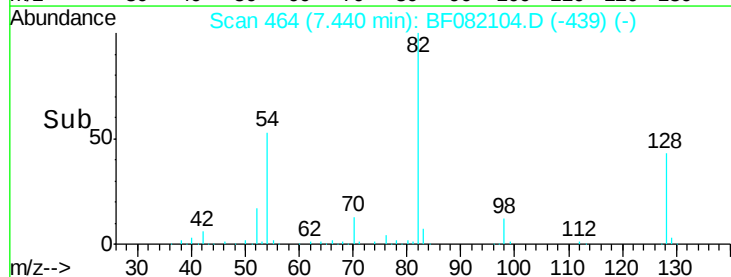
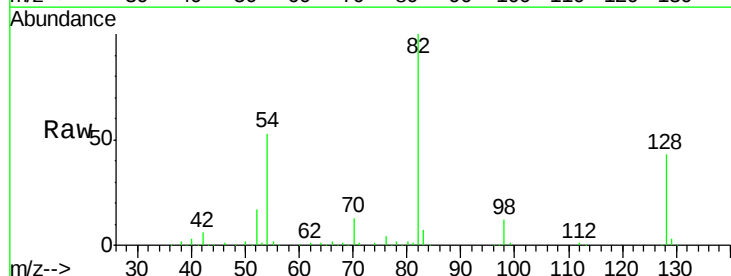
Instrument :
BNA_F
ClientSampleId :
PB85943TB

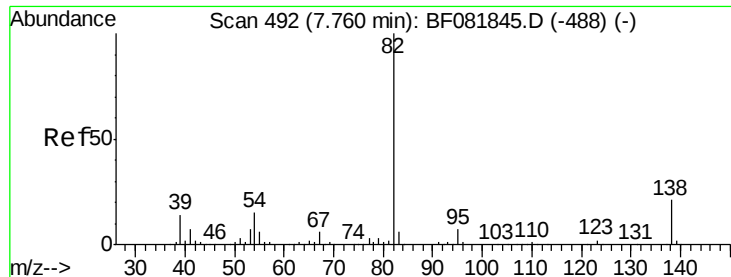
Tot Ion:	136	Resp:	324599
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.4	8.2	12.2#
68	5.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082104.D
Acq: 7 Oct 2015 14:59

Tgt Ion:	82	Resp:	424553
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	53.1	47.5	71.3





#25

Isophorone

Concen: 39.11 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

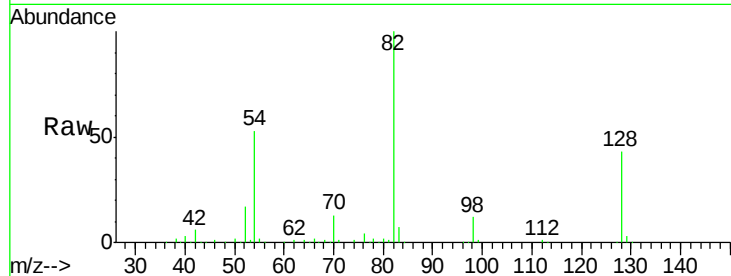
Tot Ion: 82 Resp: 377446

Ion Ratio Lower Upper

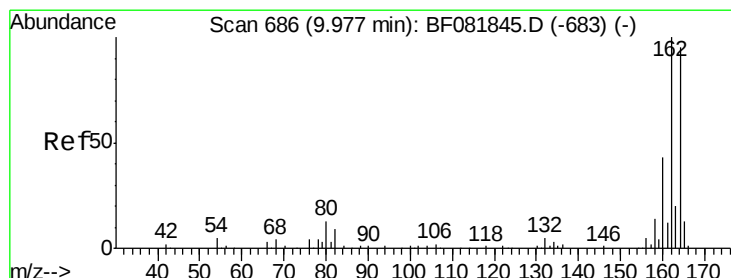
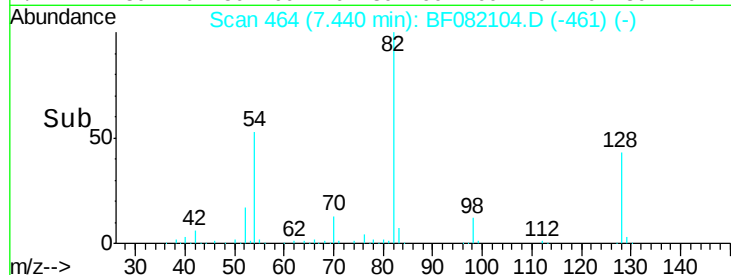
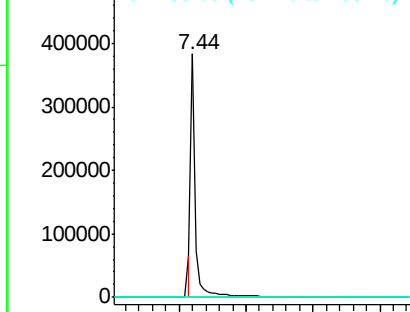
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

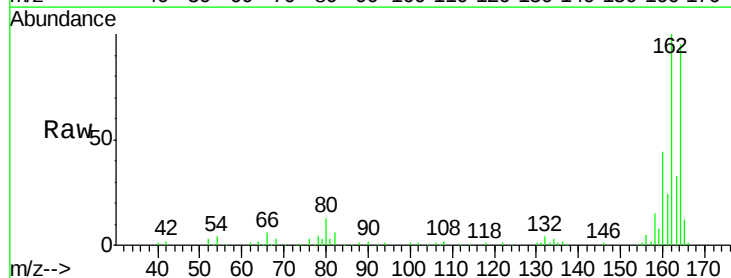
Tgt Ion:164 Resp: 161224

Ion Ratio Lower Upper

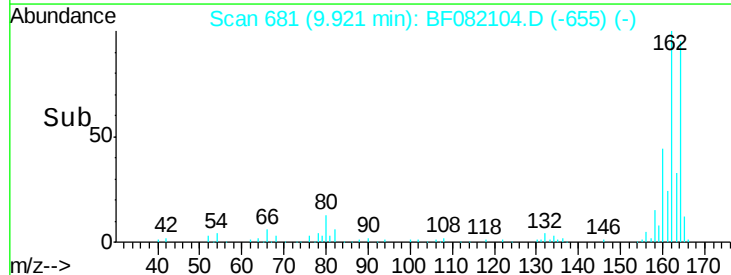
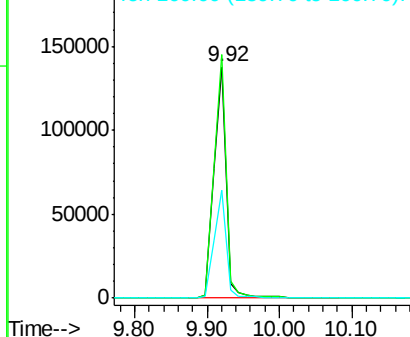
164 100

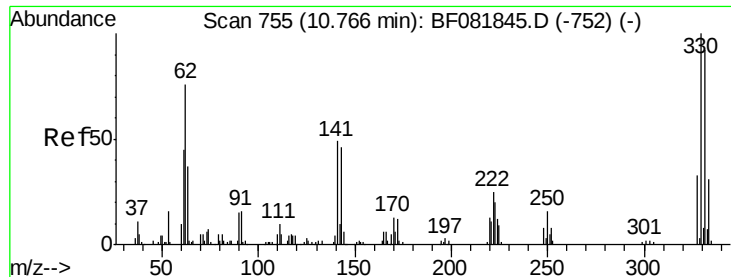
162 105.4 75.2 112.8

160 46.6 31.5 47.3



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

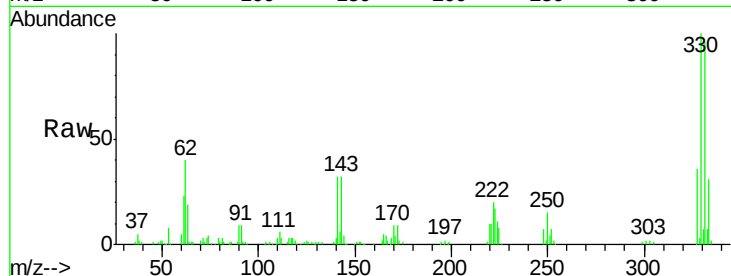




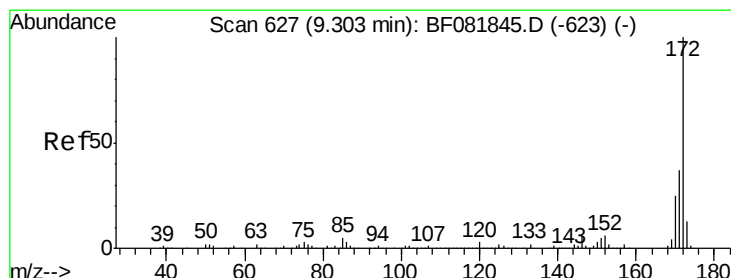
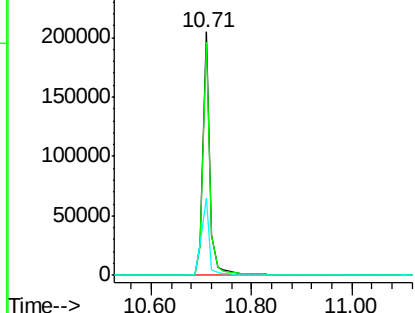
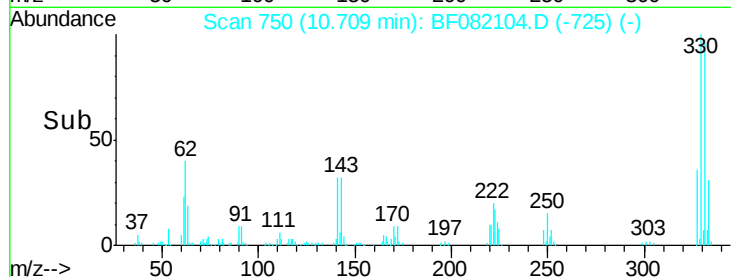
#41
 2,4,6-Tribromophenol
 Concen: 123.38 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB85943TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	35.3	29.7	44.5

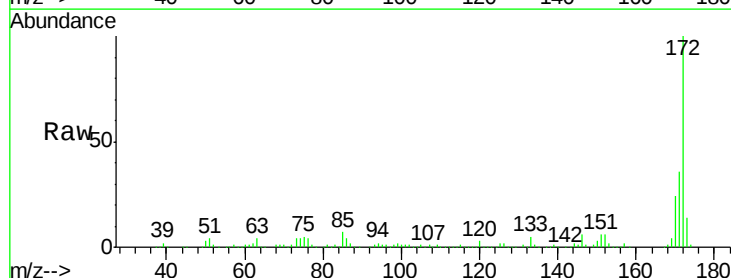


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

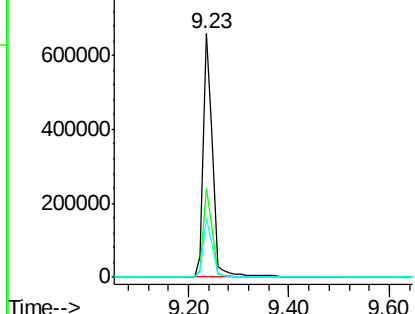
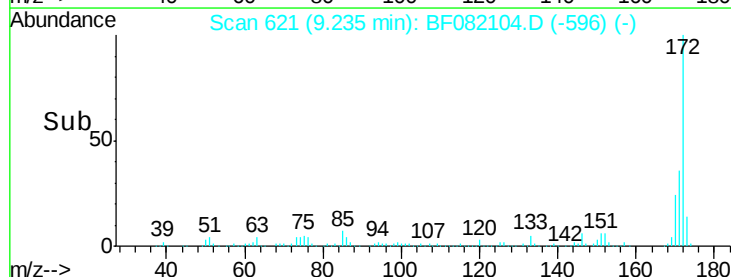


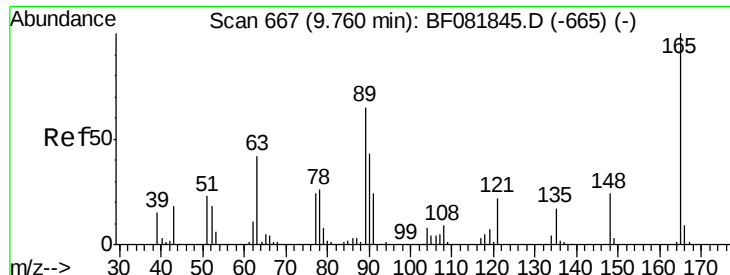
#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.2	17.4	26.2



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

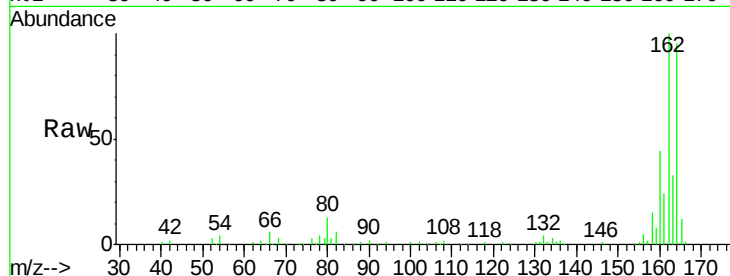




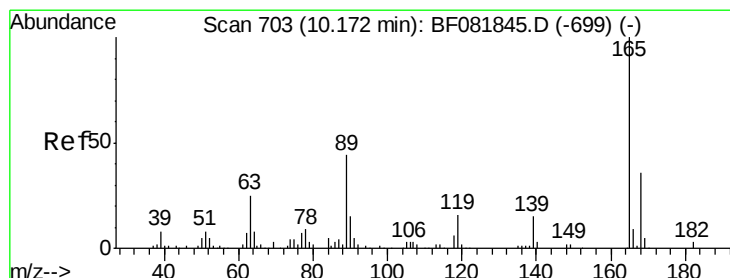
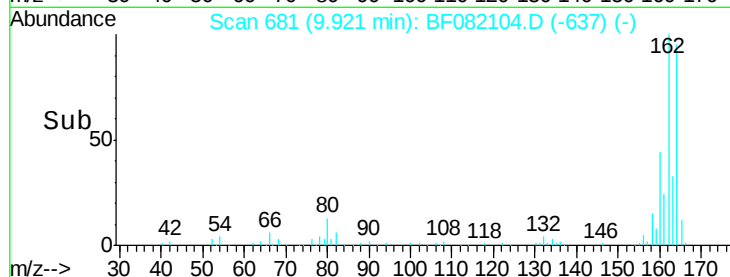
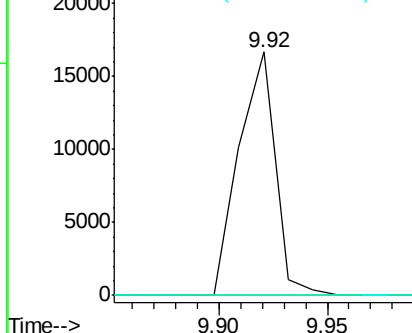
#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB85943TB

Tot Ion:165 Resp: 19378
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#



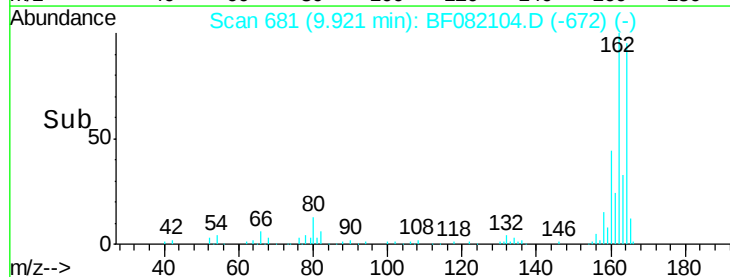
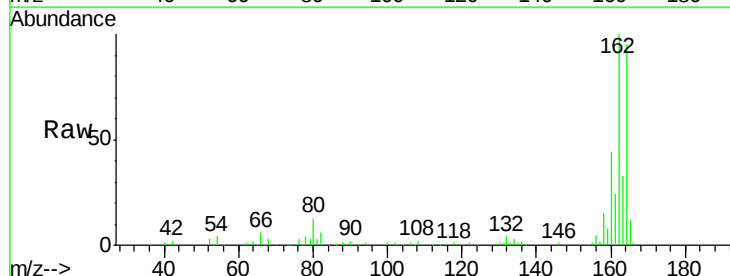
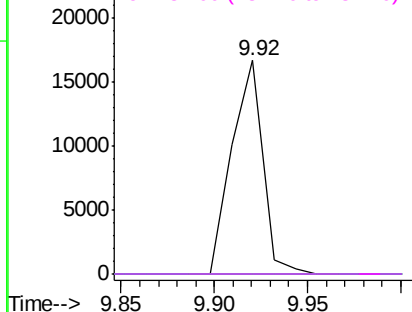
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

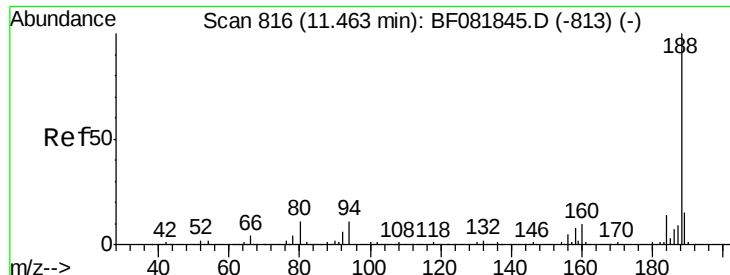


#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Tgt Ion:165 Resp: 19379
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#

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

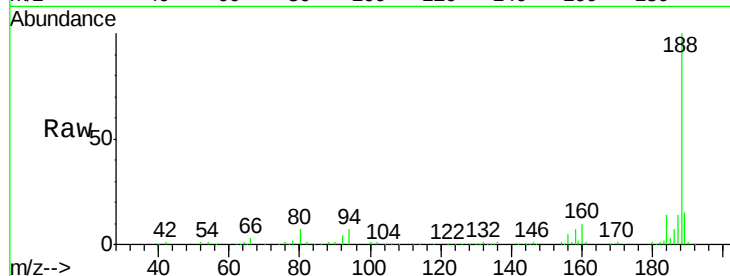




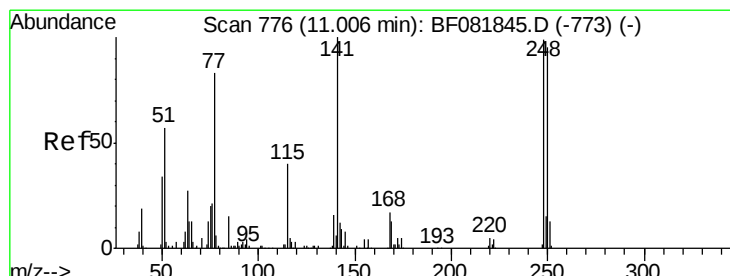
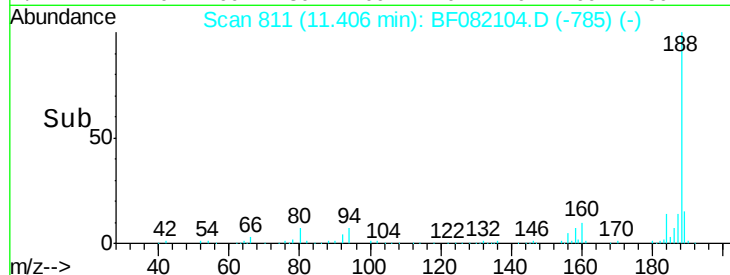
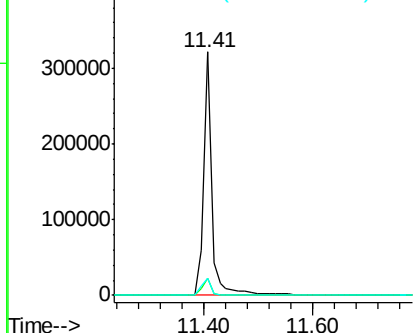
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB85943TB

Tot Ion:188 Resp: 338157
 Ion Ratio Lower Upper
 188 100
 94 7.1 11.1 16.7#
 80 7.2 11.0 16.4#

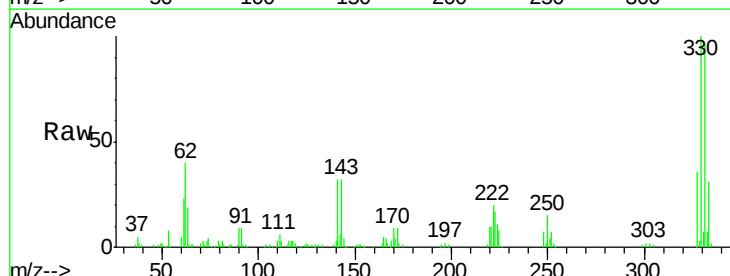


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

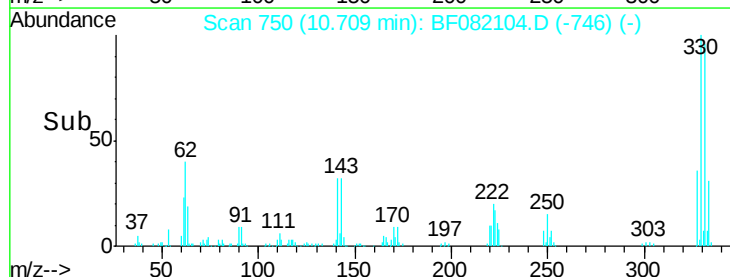
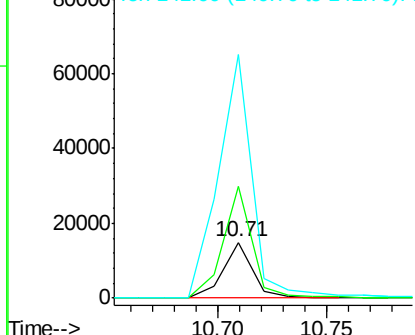


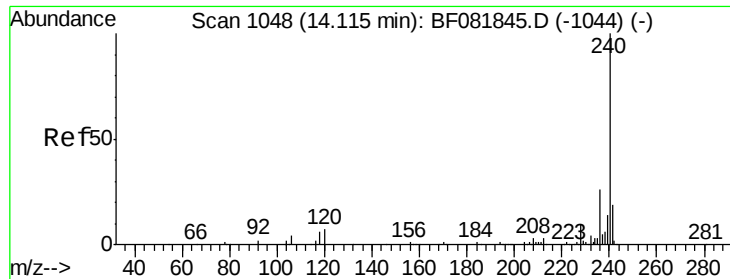
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Tgt Ion:248 Resp: 13857
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.5 117.7#
 141 434.2 59.0 88.6#



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: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

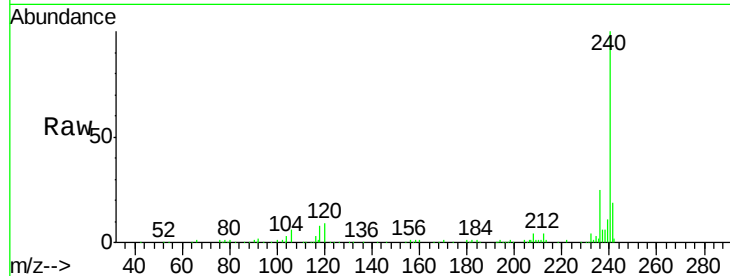
Tot Ion:240 Resp: 316633

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

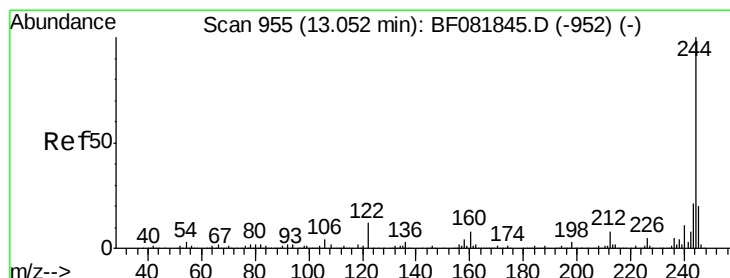
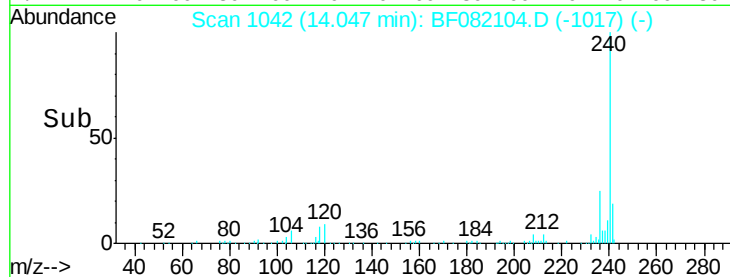
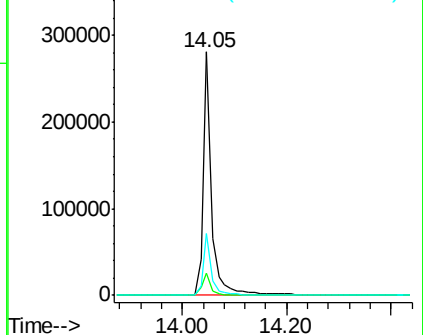
236 25.2 18.4 27.6



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: 103.11 ng

RT: 13.00 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

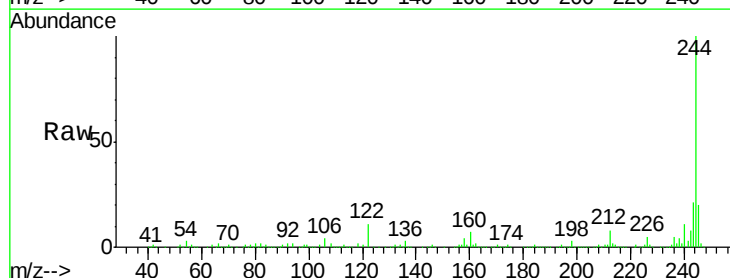
Tgt Ion:244 Resp: 952307

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

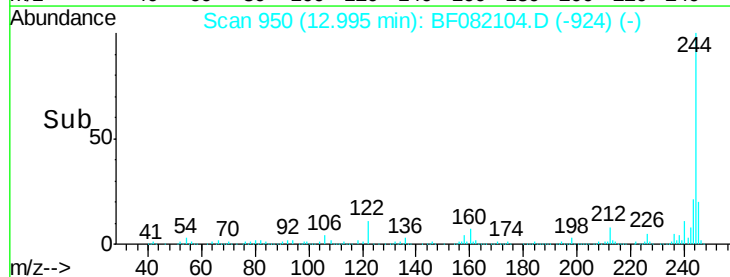
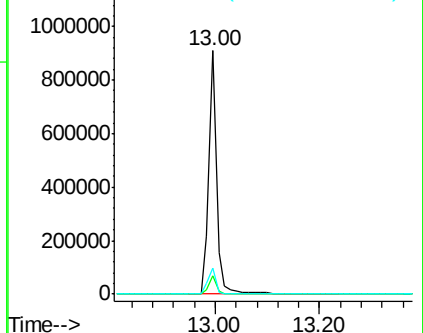
122 10.9 17.4 26.2#

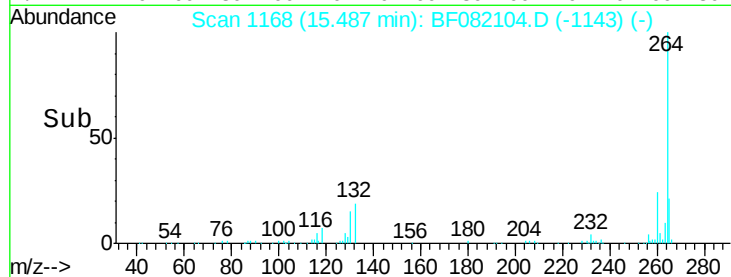
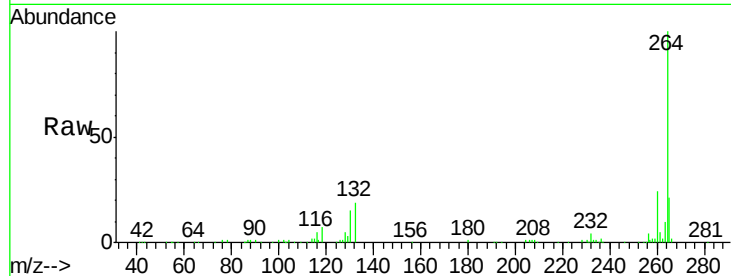
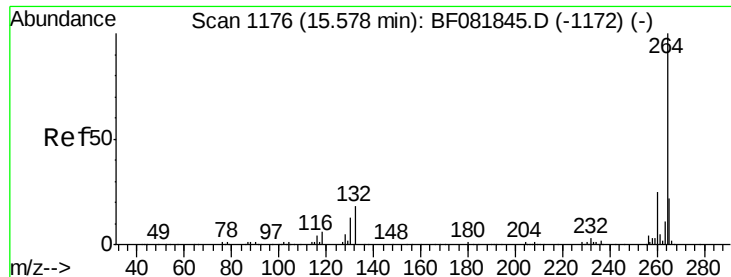


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082104.D
Acq: 7 Oct 2015 14:59

Instrument :
BNA_F
ClientSampleId :
PB85943TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.5	17.2	25.8

