

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080284.D
 Acq On : 1 Jul 2015 22:07
 Operator : TP/UM
 Sample : PB84302BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BL

Quant Time: Jul 02 04:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

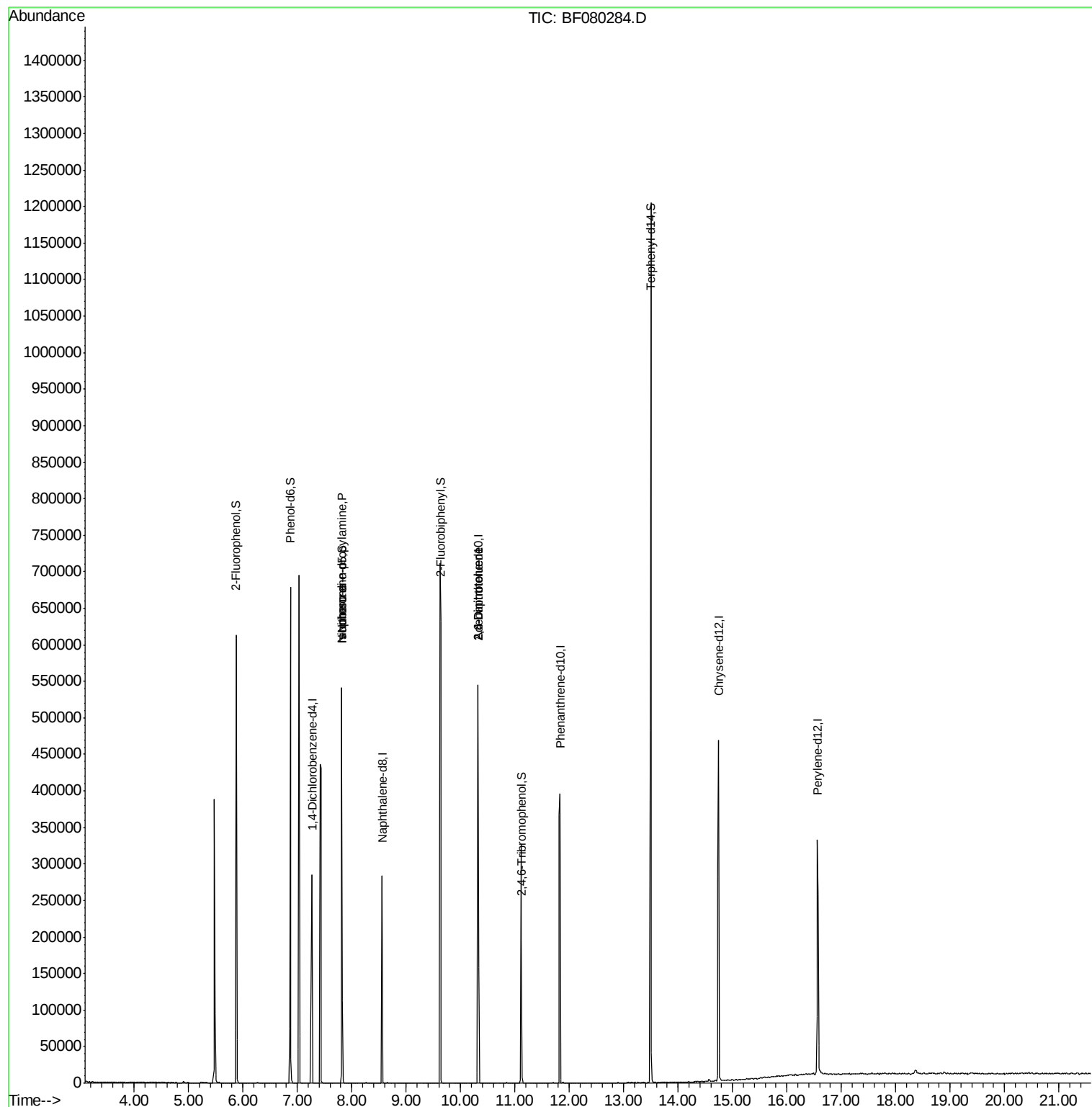
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	49250	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	188994	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	107586	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	218990	20.00	ng	0.00
75) Chrysene-d12	14.75	240	218750	20.00	ng	0.00
86) Perylene-d12	16.56	264	191433	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	149328	52.51	ng	0.00
7) Phenol-d6	6.87	99	205810	53.91	ng	0.00
23) Nitrobenzene-d5	7.82	82	161722	47.11	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	43637	42.60	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	330145	44.17	ng	0.00
78) Terphenyl-d14	13.50	244	419998	44.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	20849	8.21	ng	# 81
25) Isophorone	7.82	82	158476	23.76	ng	# 65
50) 2,6-Dinitrotoluene	10.32	165	13240	7.88	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	13241	6.08	ng	# 19

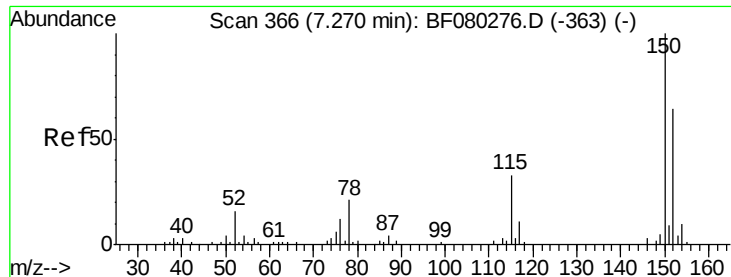
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080284.D
Acq On : 1 Jul 2015 22:07
Operator : TP/UM
Sample : PB84302BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84302BL

Quant Time: Jul 02 04:11:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

Instrument :

BNA_F

ClientSampled :

PB84302BL

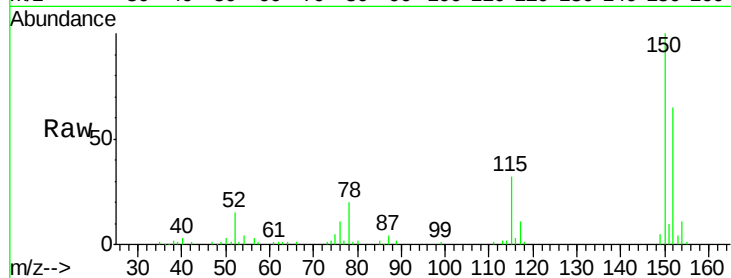
Tgt Ion:152 Resp: 49250

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

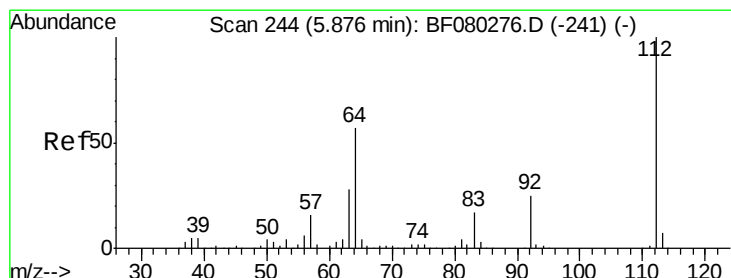
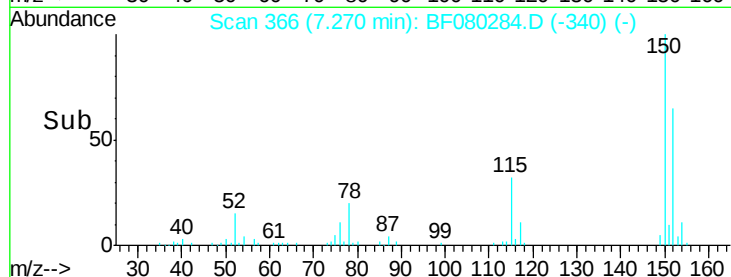
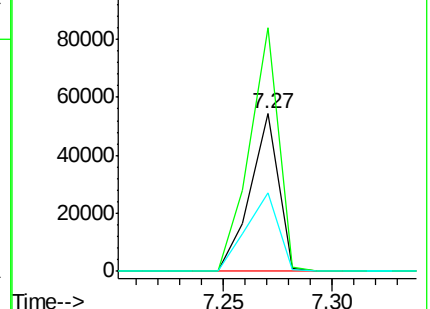
115 49.7 41.0 61.6



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: 52.51 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

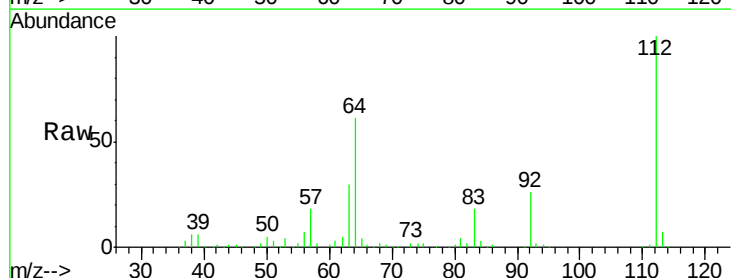
Tgt Ion:112 Resp: 149328

Ion Ratio Lower Upper

112 100

64 61.0 45.5 68.3

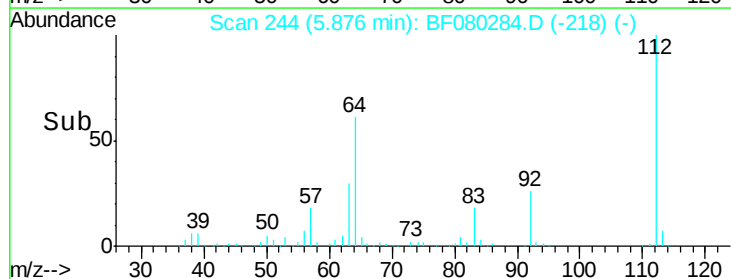
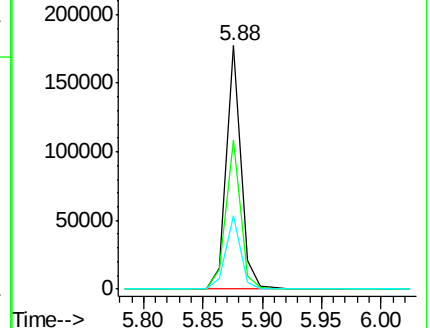
63 30.4 22.4 33.6

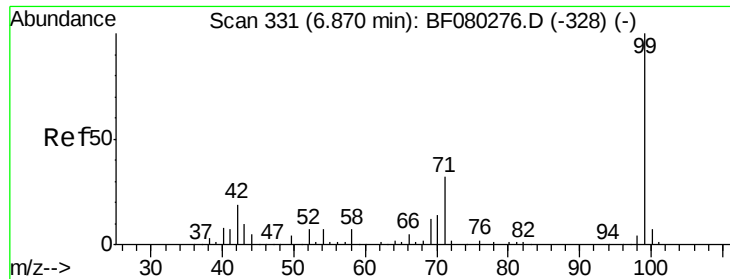


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.91 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB84302BL

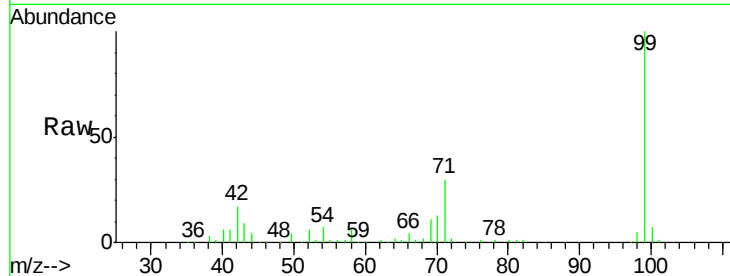
Tgt Ion: 99 Resp: 205810

Ion Ratio Lower Upper

99 100

42 16.7 15.4 23.2

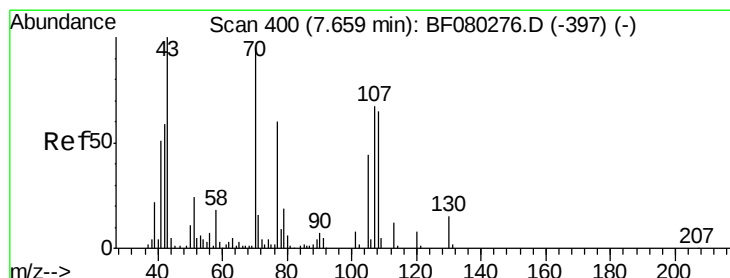
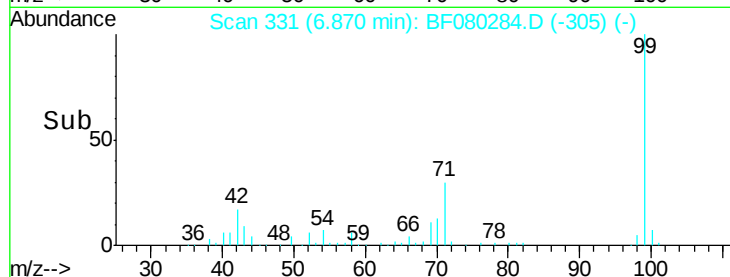
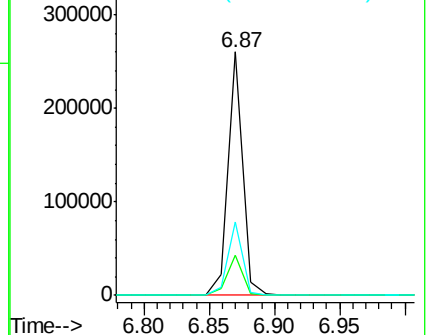
71 30.3 25.8 38.8



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: 8.21 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

Tgt Ion: 70 Resp: 20849

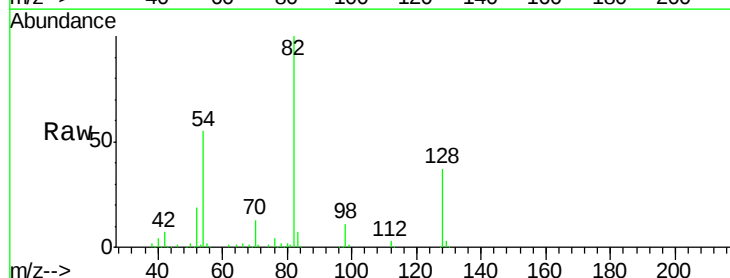
Ion Ratio Lower Upper

70 100

42 51.1 49.8 74.8

101 0.0 6.8 10.2#

130 1.6 13.0 19.4#

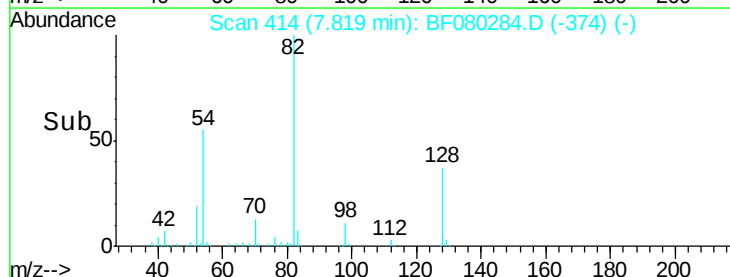
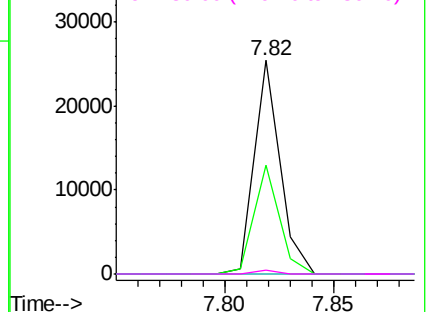


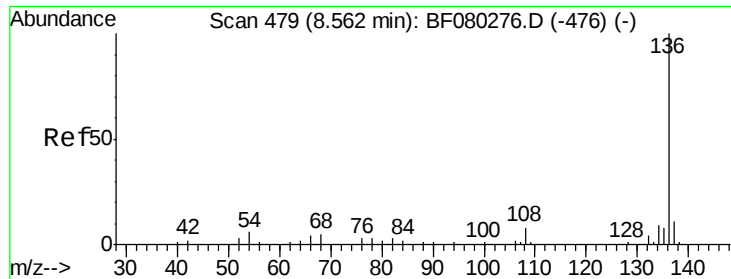
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

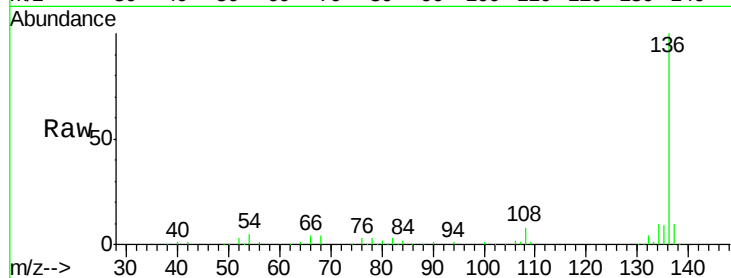




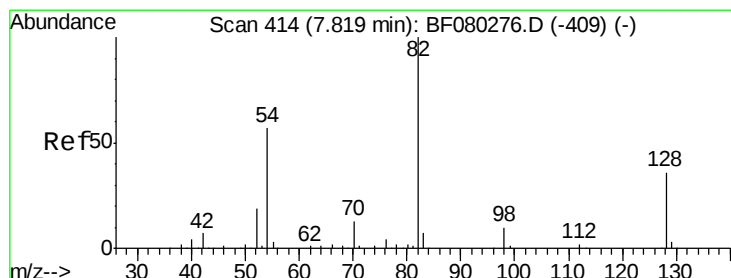
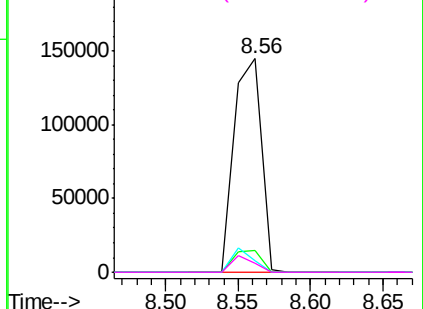
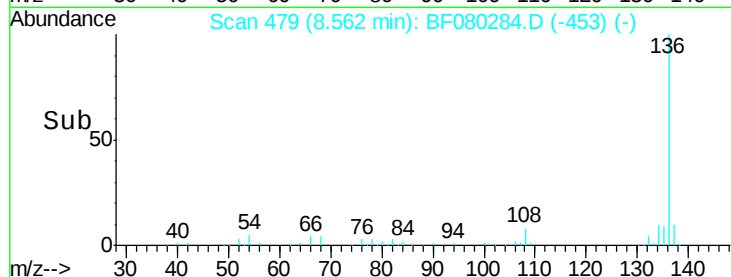
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080284.D
Acq: 1 Jul 2015 22:07

Instrument :
BNA_F
ClientSampleId :
PB84302BL

Tgt Ion:136 Resp: 188994
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 5.4 4.9 7.3
68 4.3 4.0 6.0

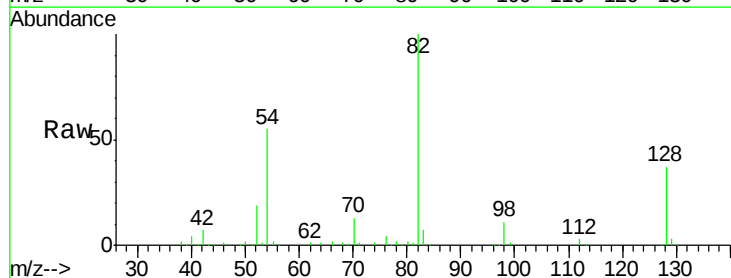


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

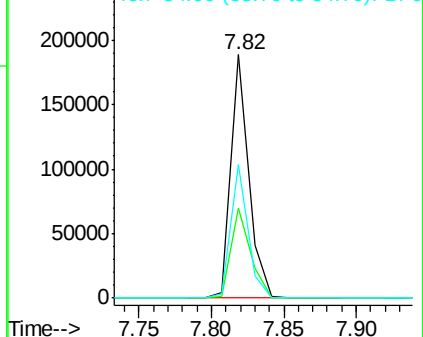
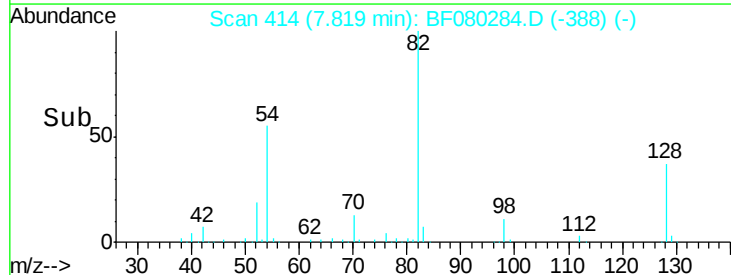


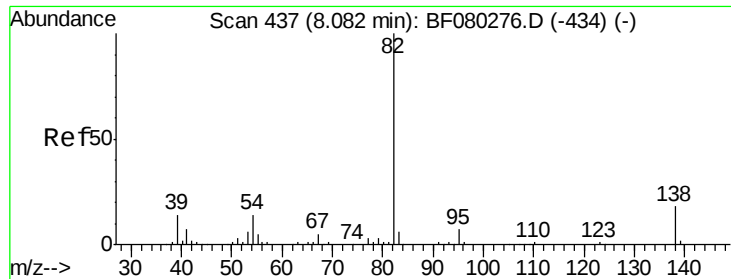
#23
Nitrobenzene-d5
Concen: 47.11 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080284.D
Acq: 1 Jul 2015 22:07

Tgt Ion: 82 Resp: 161722
Ion Ratio Lower Upper
82 100
128 37.0 29.0 43.4
54 55.1 45.3 67.9



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: 23.76 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB84302BL

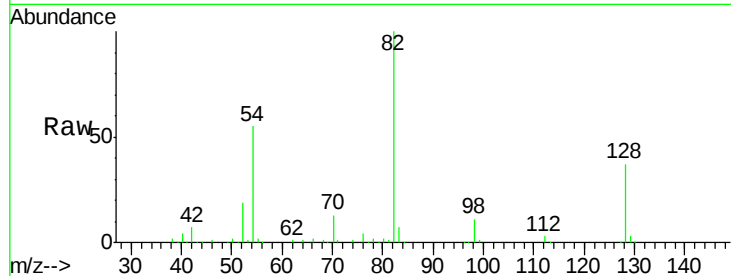
Tgt Ion: 82 Resp: 158476

Ion Ratio Lower Upper

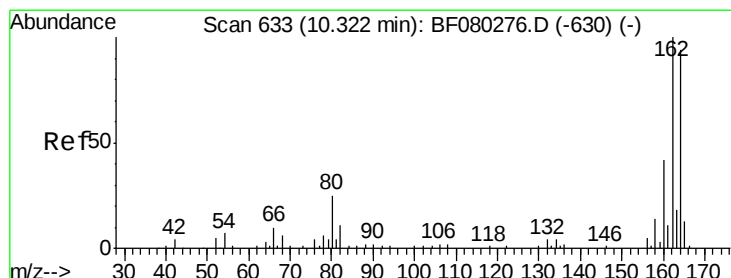
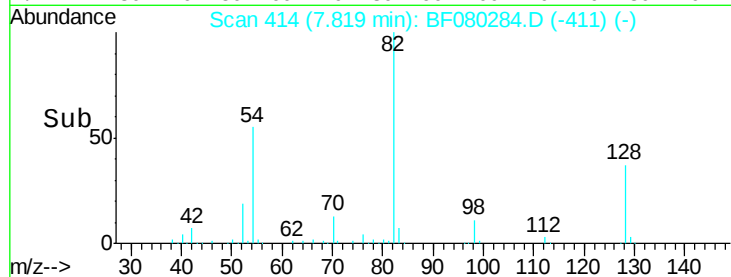
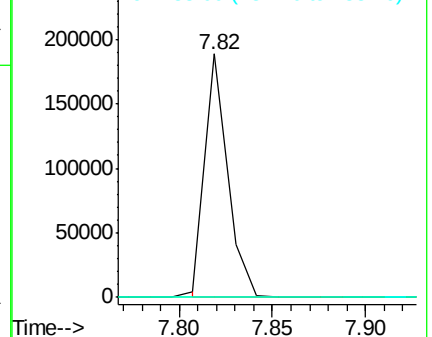
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



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: 10.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080284.D

Acq: 1 Jul 2015 22:07

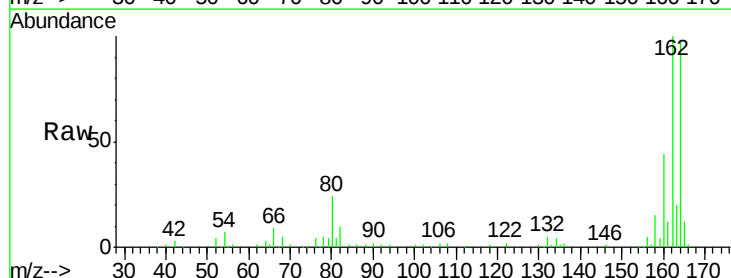
Tgt Ion: 164 Resp: 107586

Ion Ratio Lower Upper

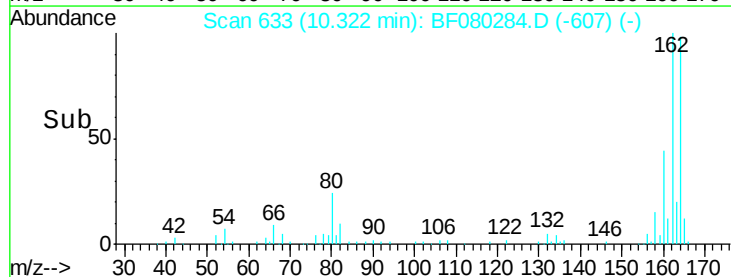
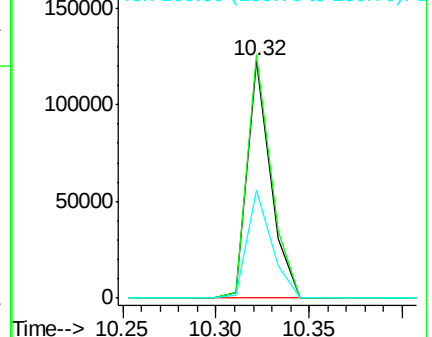
164 100

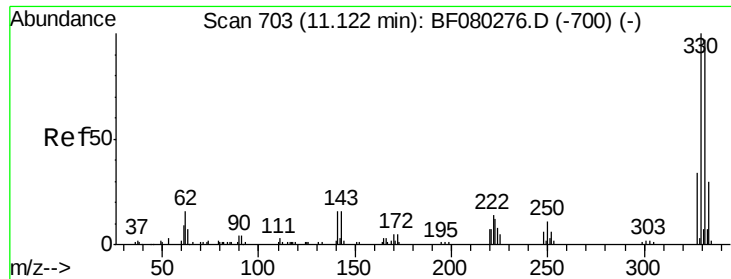
162 102.5 84.8 127.2

160 45.6 35.8 53.8



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

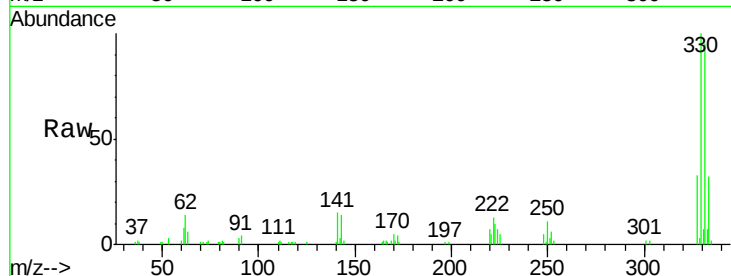




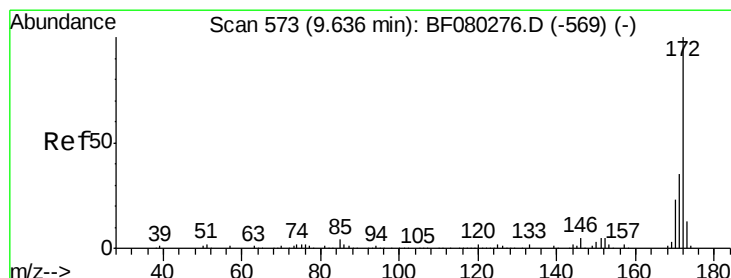
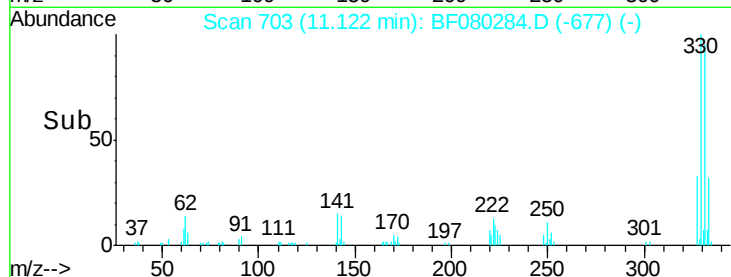
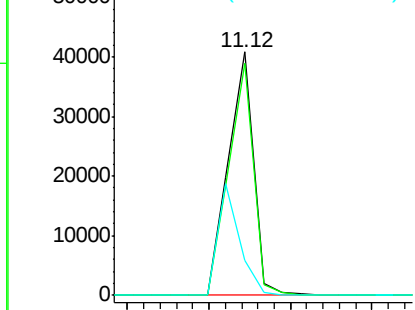
#41
 2,4,6-Tribromophenol
 Concen: 42.60 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BL

Tgt Ion:330 Resp: 43637
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.4 116.2
 141 39.4 28.0 42.0

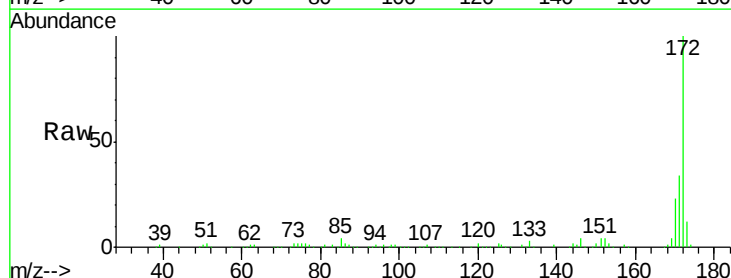


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

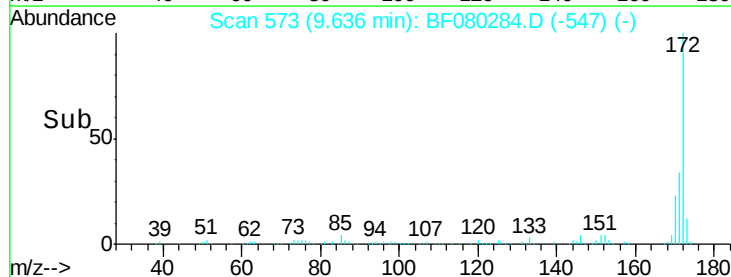
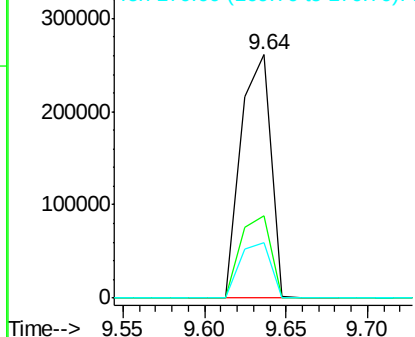


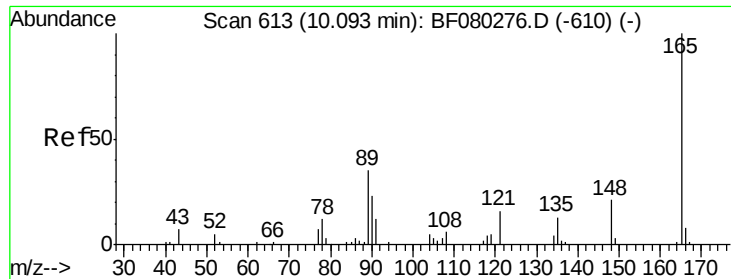
#44
 2-Fluorobiphenyl
 Concen: 44.17 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Tgt Ion:172 Resp: 330145
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.1 42.1
 170 22.8 18.6 28.0



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

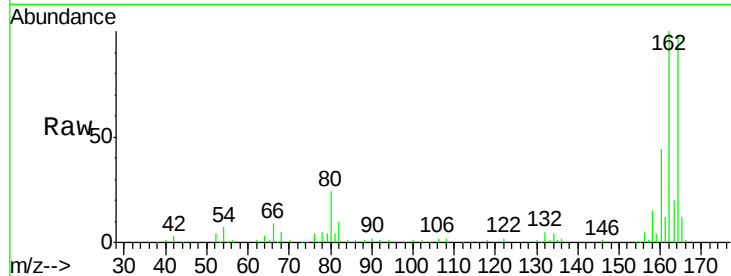




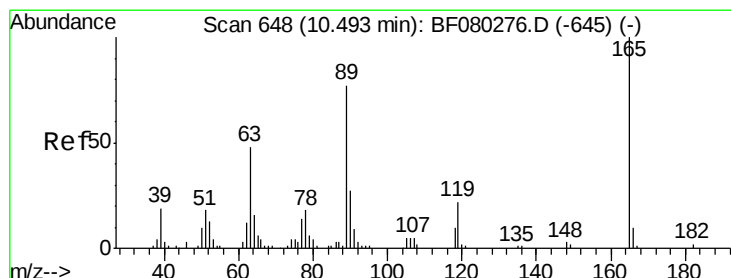
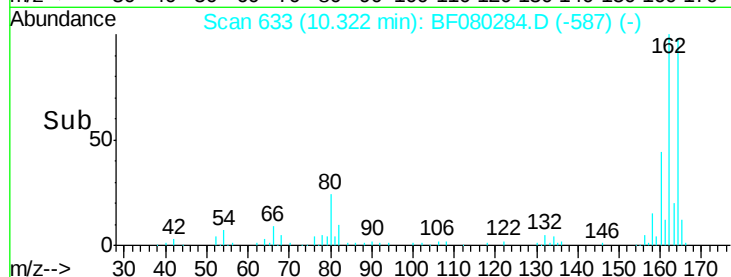
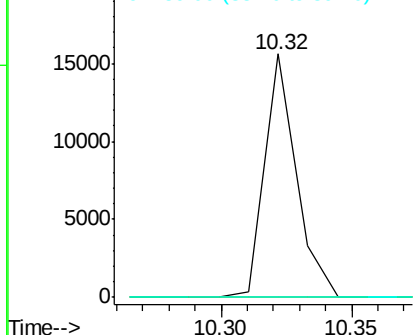
#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BL

Tgt Ion:165 Resp: 13240
 Ion Ratio Lower Upper
 165 100
 63 0.0 23.4 35.0#
 89 0.0 27.7 41.5#

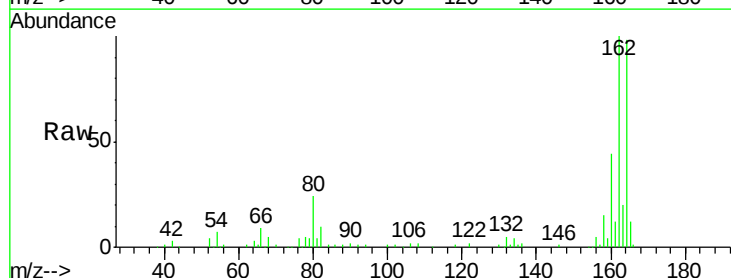


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

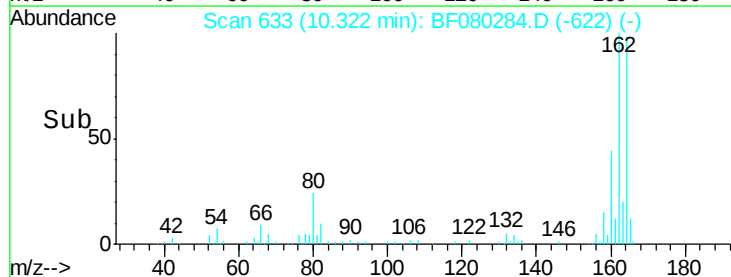
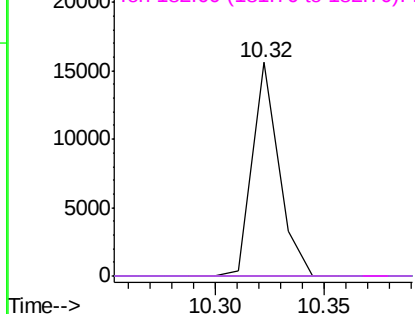


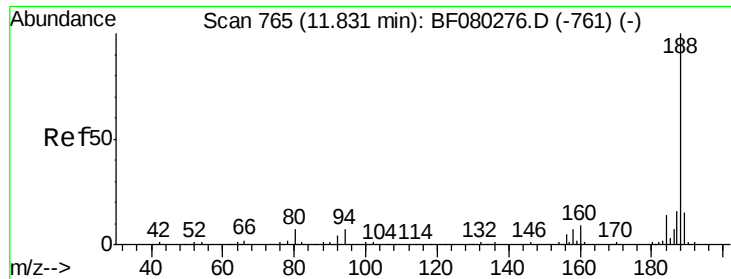
#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 10.32 min Scan# 633
 Delta R.T. -0.17 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Tgt Ion:165 Resp: 13241
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.0 62.0 93.0#
 182 0.0 1.8 2.8#



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

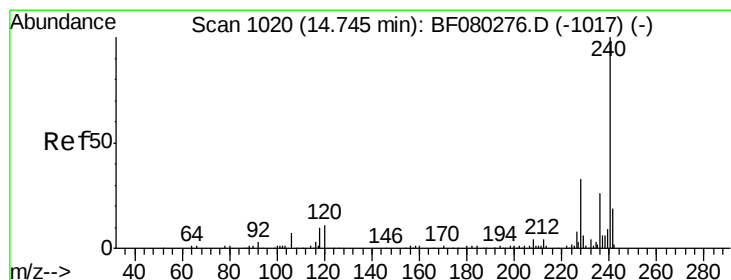
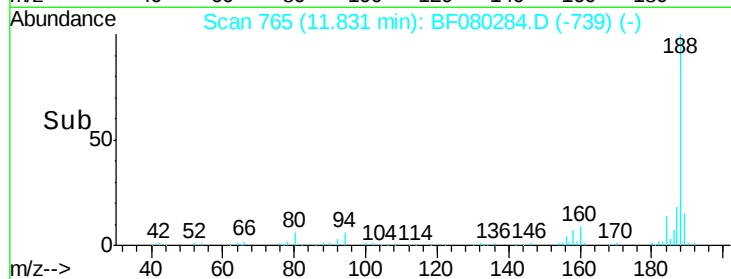
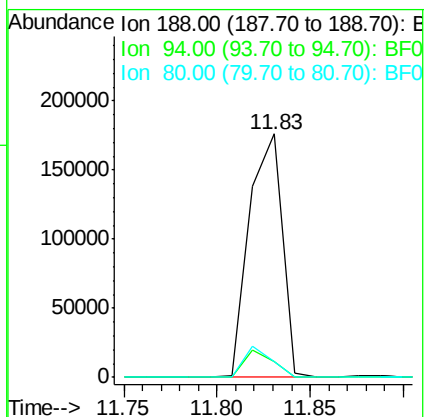
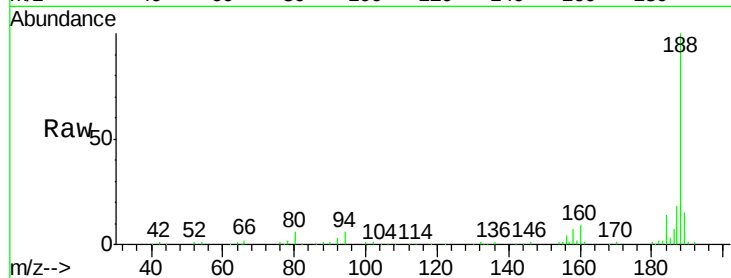




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080284.D
Acq: 1 Jul 2015 22:07

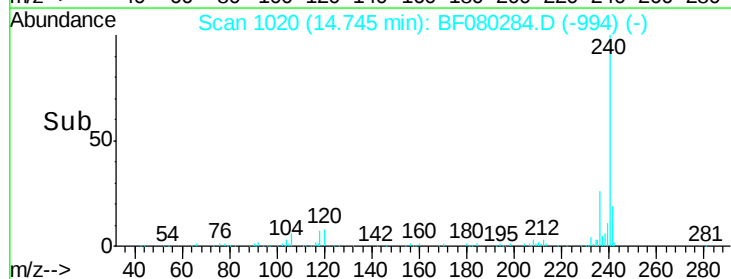
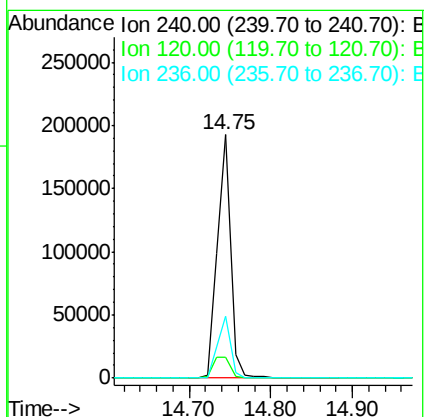
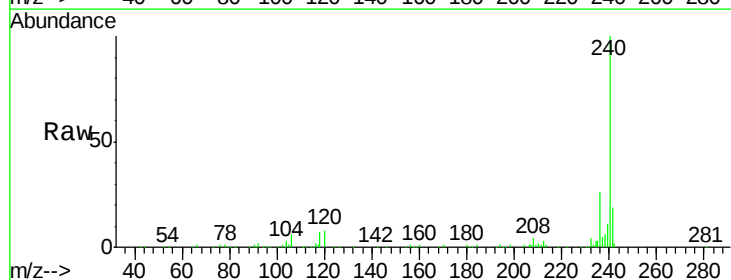
Instrument :
BNA_F
ClientSampleId :
PB84302BL

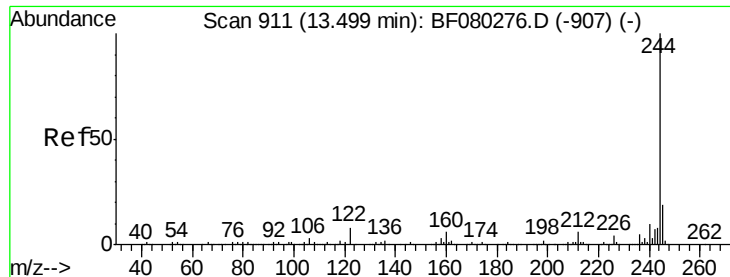
Tgt Ion:188 Resp: 218990
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.3 5.8 8.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF080284.D
Acq: 1 Jul 2015 22:07

Tgt Ion:240 Resp: 218750
Ion Ratio Lower Upper
240 100
120 8.5 8.7 13.1#
236 25.7 20.9 31.3

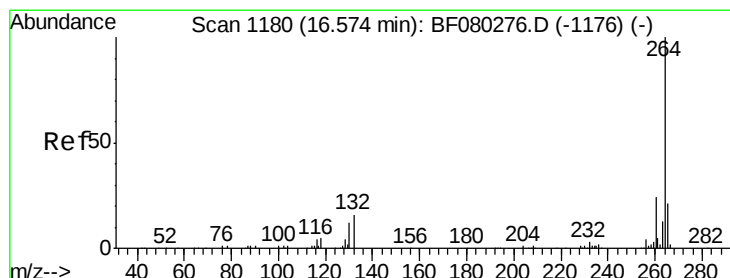
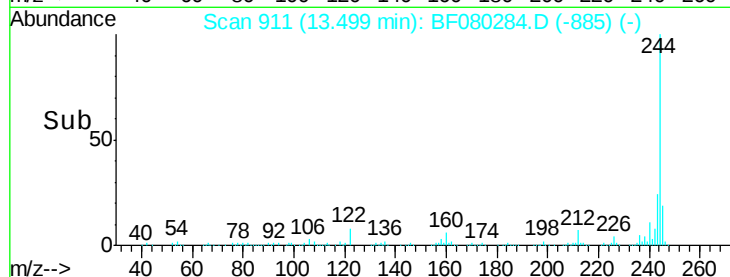
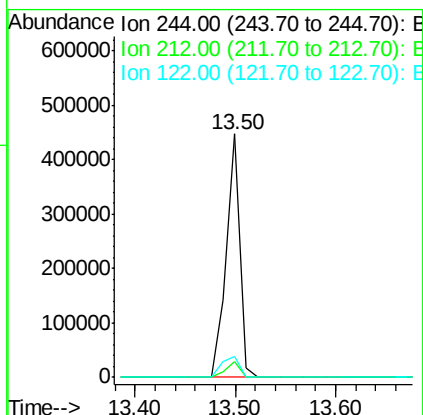
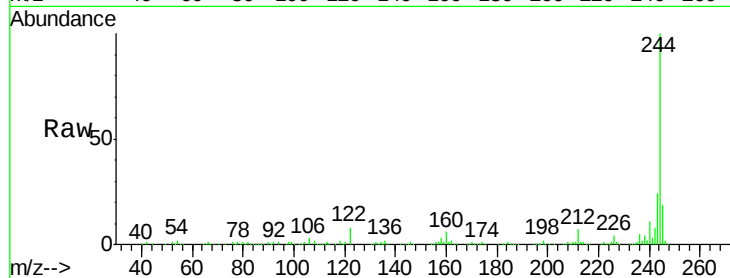




#78
 Terphenyl-d14
 Concen: 44.97 ng
 RT: 13.50 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84302BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.6
122	8.5	6.6	9.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF080284.D
 Acq: 1 Jul 2015 22:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	16.9	25.3

