

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080967.D
 Acq On : 11 Aug 2015 18:03
 Operator : UM/IZ
 Sample : PB84929TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Quant Time: Aug 12 00:36:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

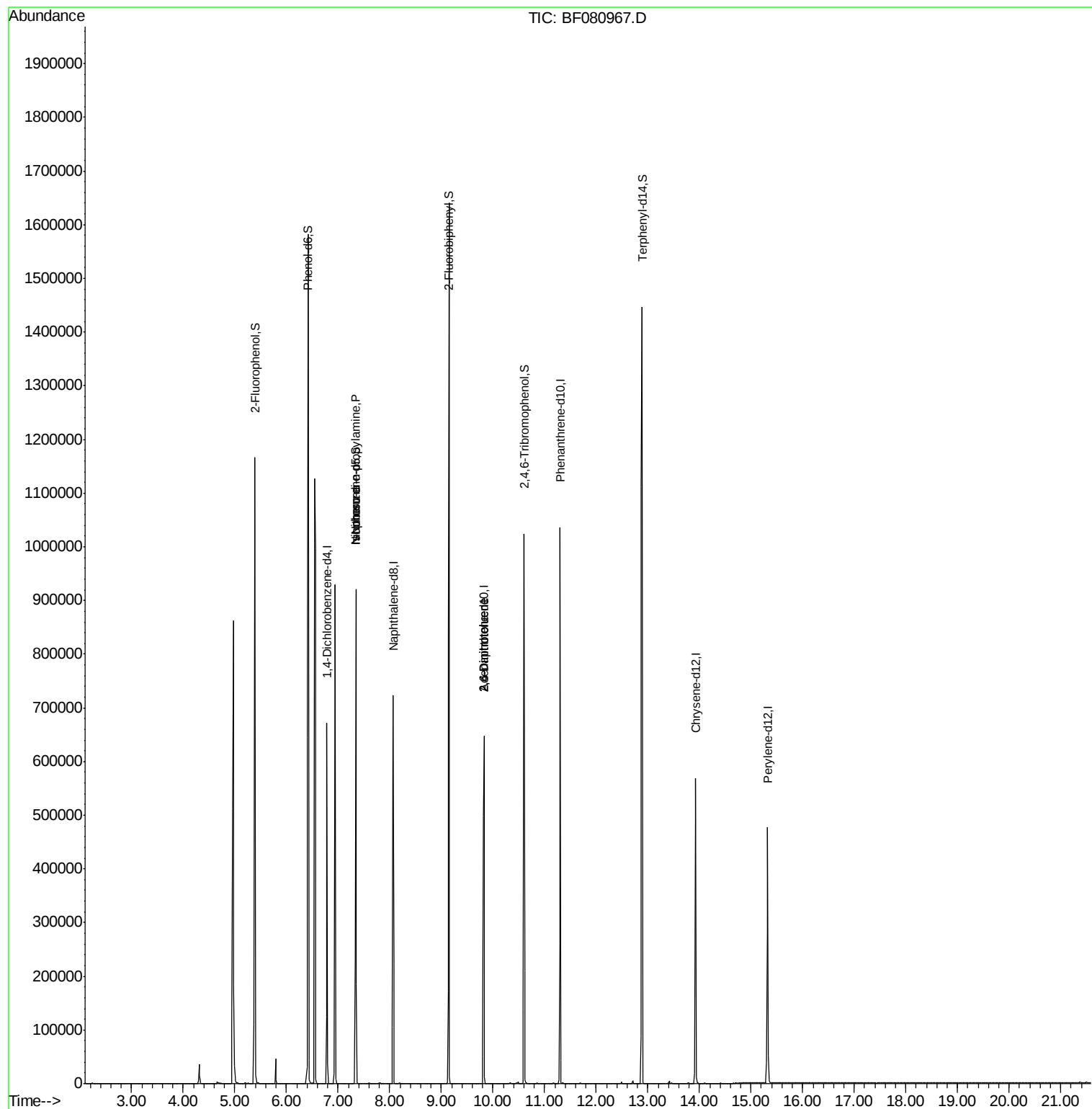
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	90469	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	338650	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	176229	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	371733	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	286921	20.00	ng	-0.03
86) Perylene-d12	15.32	264	224067	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	421664	76.15	ng	0.01
7) Phenol-d6	6.42	99	530647	69.94	ng	-0.02
23) Nitrobenzene-d5	7.34	82	308329	43.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	105475	54.48	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	621624	49.66	ng	-0.02
78) Terphenyl-d14	12.89	244	623764	44.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	40791	7.36	ng	# 78
25) Isophorone	7.34	82	254411	18.48	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	21800	7.21	ng	# 7
56) 2,4-Dinitrotoluene	9.82	165	21800	5.39	ng	# 9

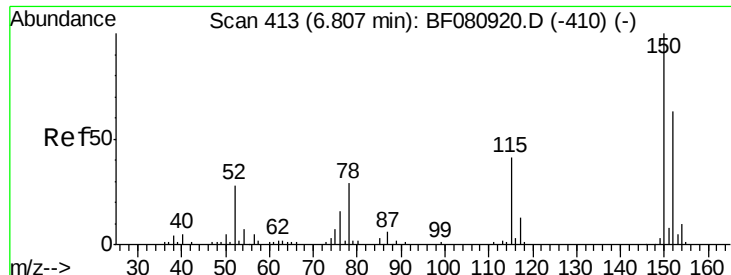
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84929TB

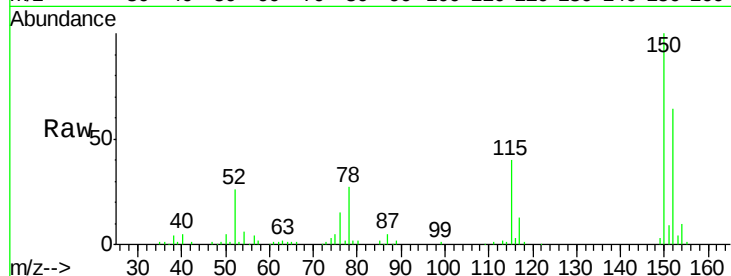
Tot Ion:152 Resp: 90469

Ion Ratio Lower Upper

152 100

150 156.3 127.4 191.2

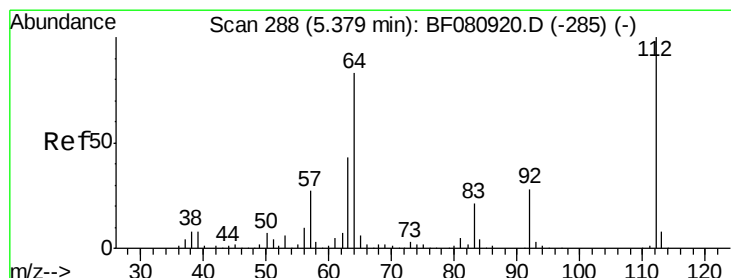
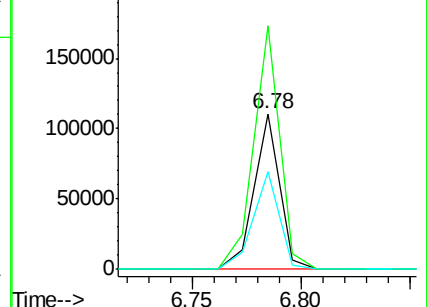
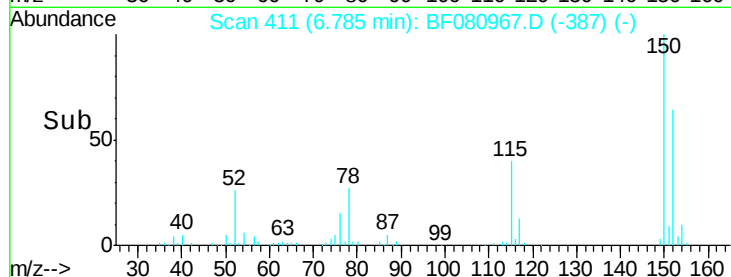
115 62.6 52.6 78.8



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: 76.15 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

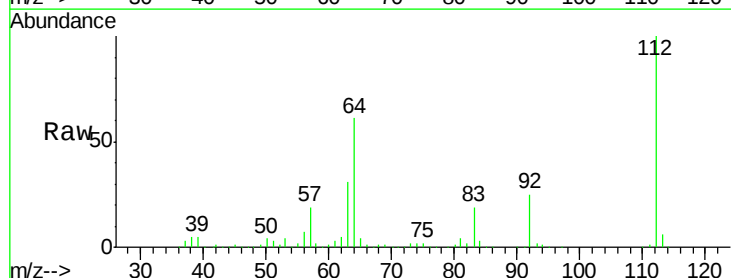
Tgt Ion:112 Resp: 421664

Ion Ratio Lower Upper

112 100

64 60.8 66.1 99.1#

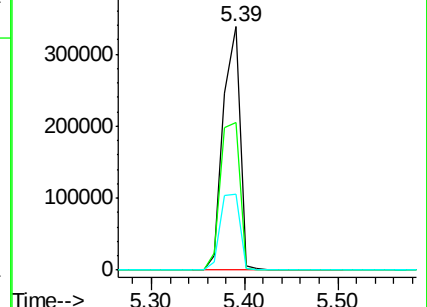
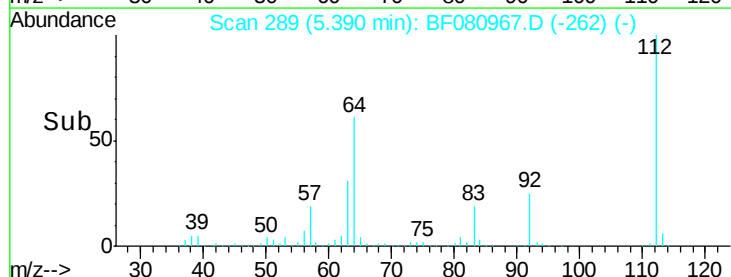
63 31.4 34.6 52.0#

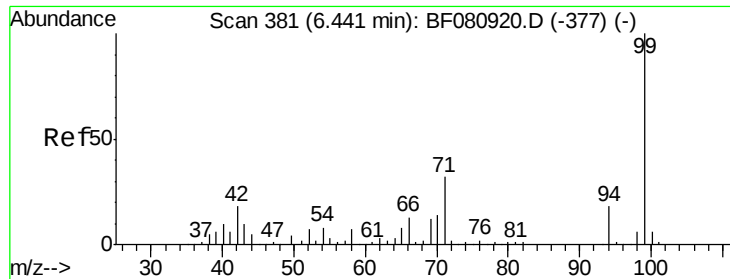


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.94 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84929TB

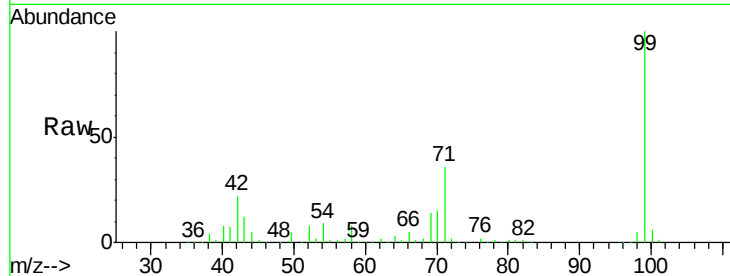
Tot Ion: 99 Resp: 530647

Ion Ratio Lower Upper

99 100

42 22.0 14.4 21.6#

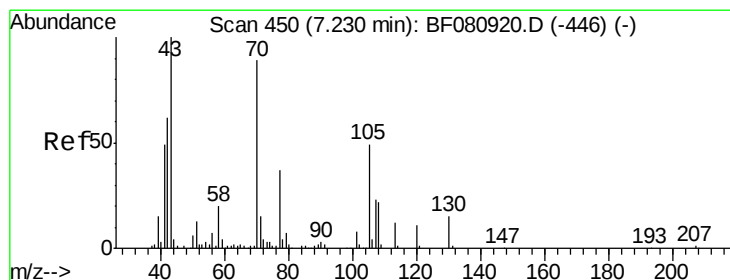
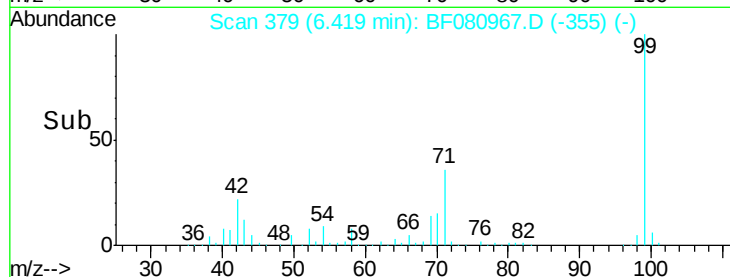
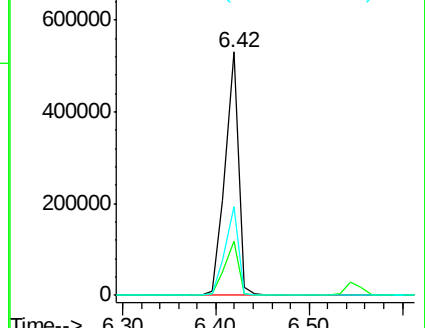
71 36.4 25.8 38.8



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: 7.36 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

Tgt Ion: 70 Resp: 40791

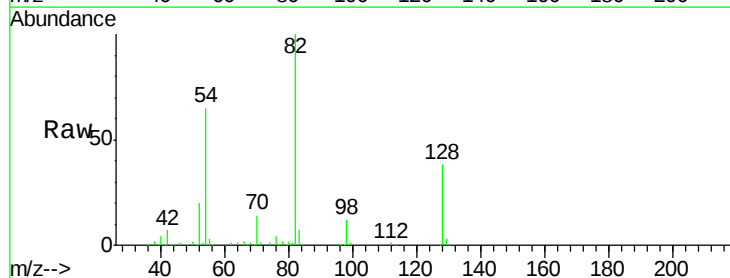
Ion Ratio Lower Upper

70 100

42 54.0 55.7 83.5#

101 0.0 7.0 10.6#

130 1.9 13.8 20.8#

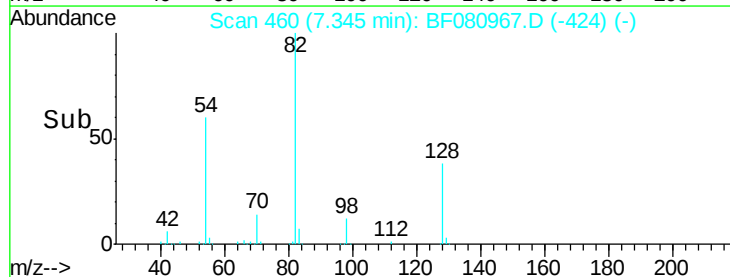
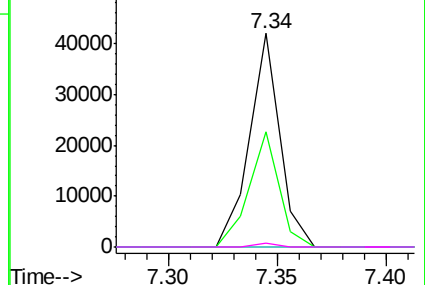


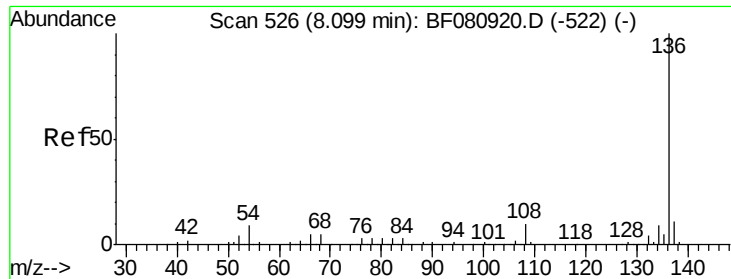
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

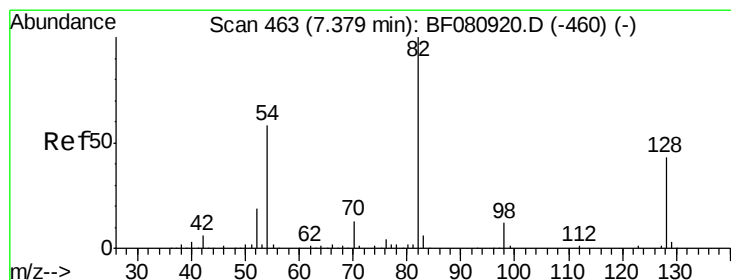
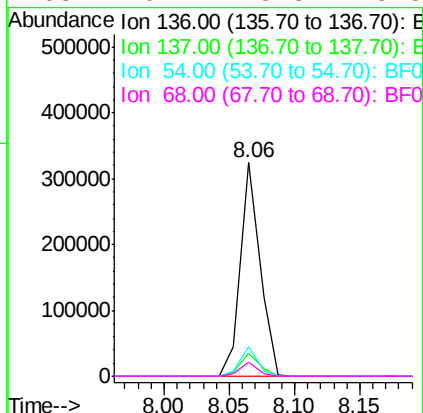
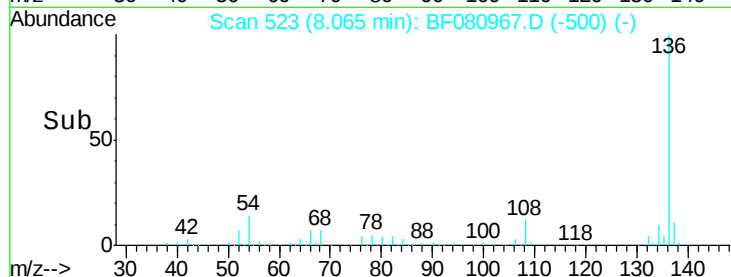
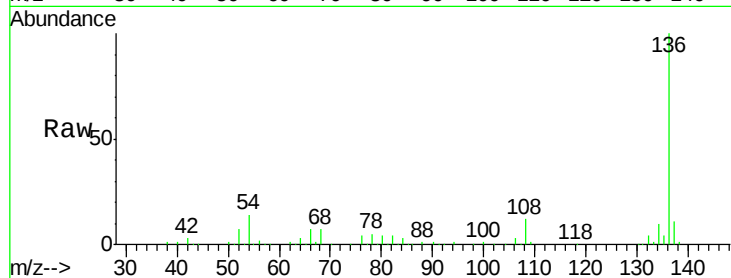




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080967.D
Acq: 11 Aug 2015 18:03

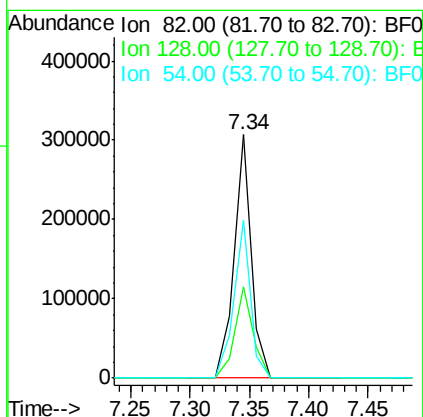
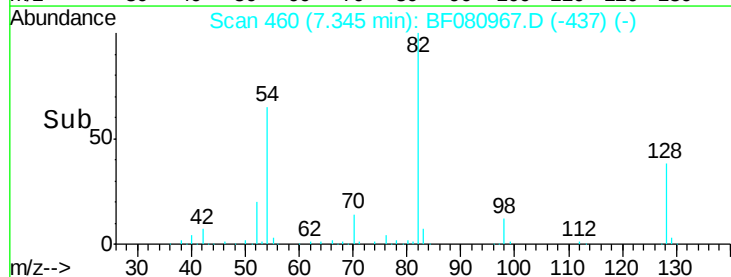
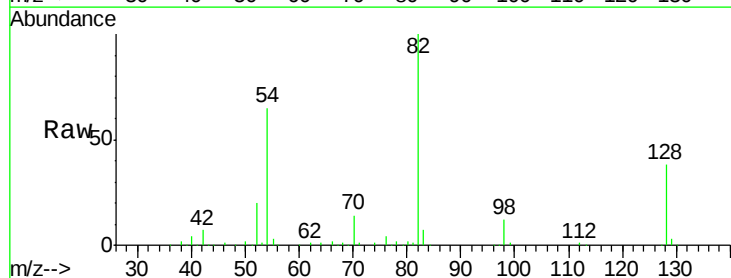
Instrument :
BNA_F
ClientSampleID :
PB84929TB

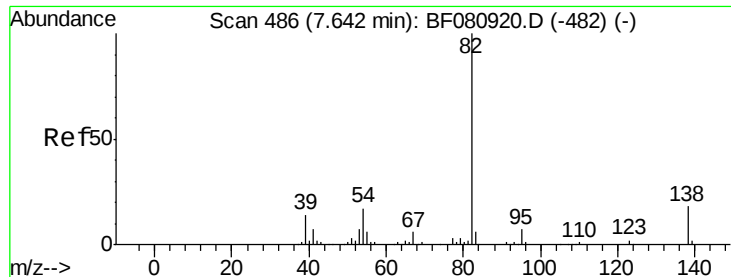
Tot Ion:136	Resp:	338650
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	13.6	7.1 10.7#
68	6.7	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 43.07 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF080967.D
Acq: 11 Aug 2015 18:03

Tgt Ion: 82	Resp:	308329
Ion Ratio	Lower	Upper
82	100	
128	37.7	34.1 51.1
54	64.8	46.5 69.7





#25

Isophorone

Concen: 18.48 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.30 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84929TB

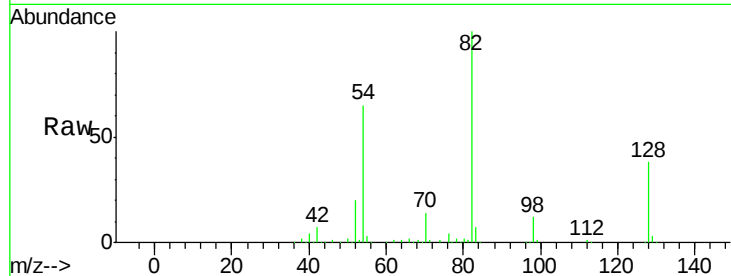
Tot Ion: 82 Resp: 254411

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

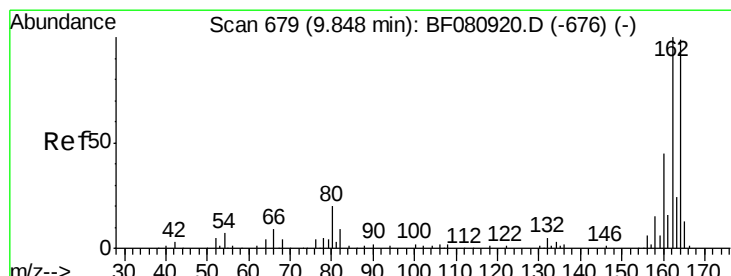
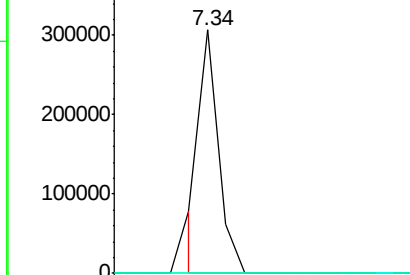
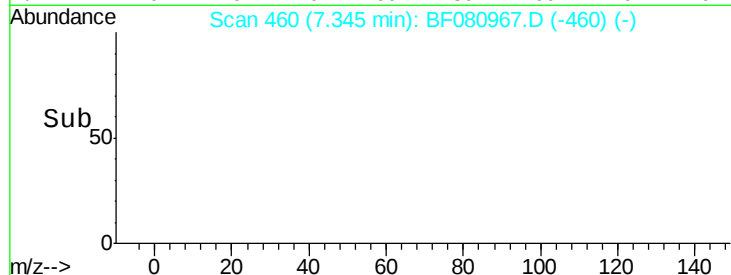
138 0.0 14.1 21.1#



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080967.D

Acq: 11 Aug 2015 18:03

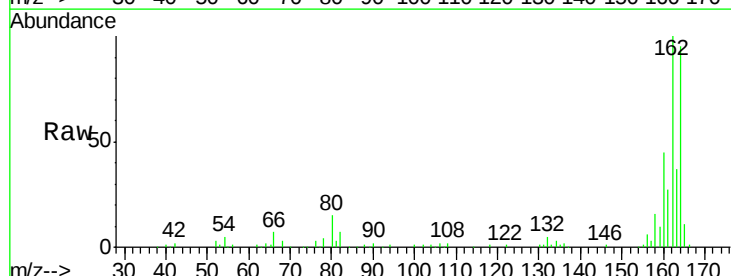
Tgt Ion: 164 Resp: 176229

Ion Ratio Lower Upper

164 100

162 104.8 80.5 120.7

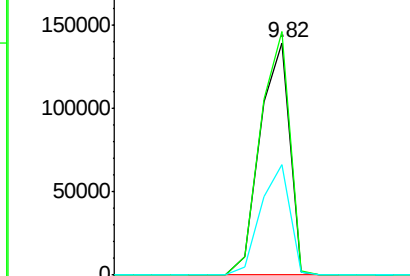
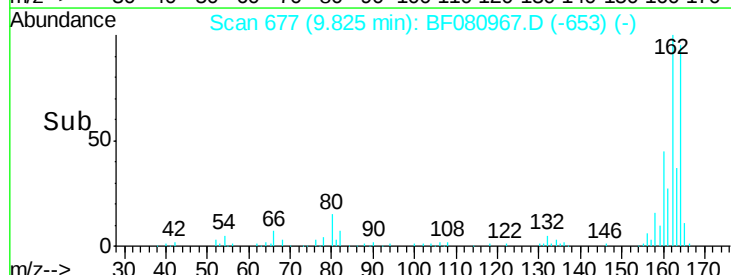
160 47.5 36.6 54.8

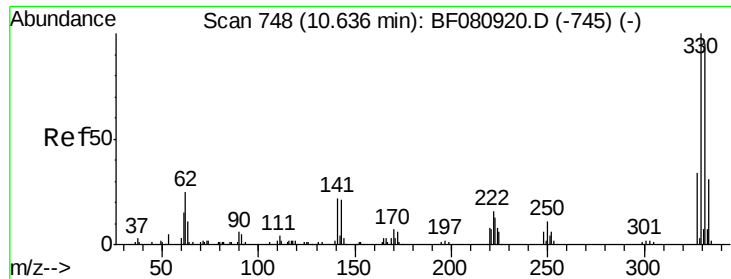


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

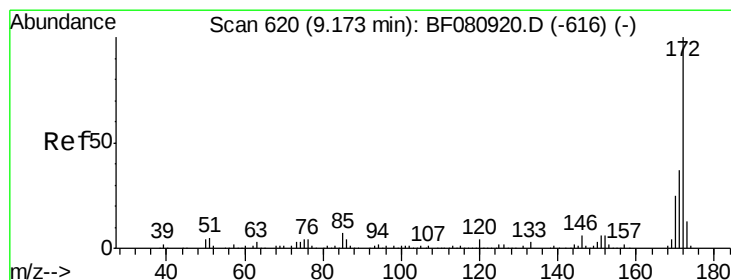
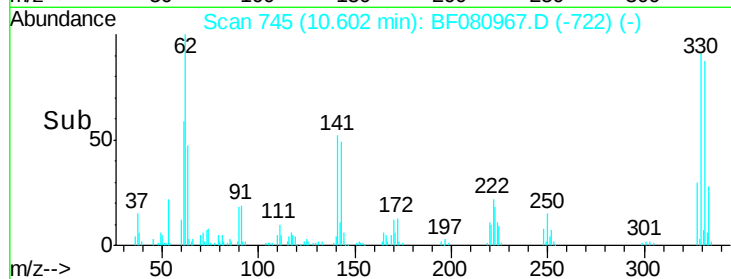
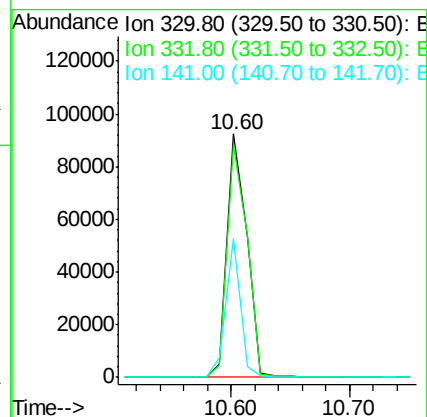
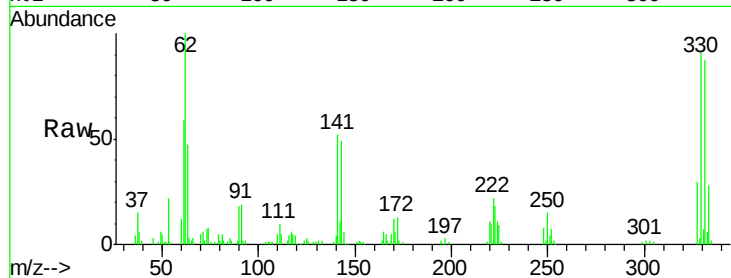




#41
 2,4,6-Tribromophenol
 Concen: 54.48 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

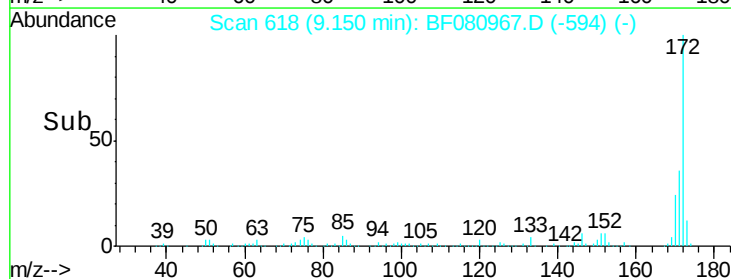
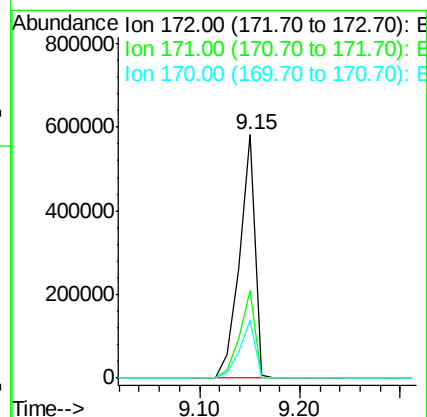
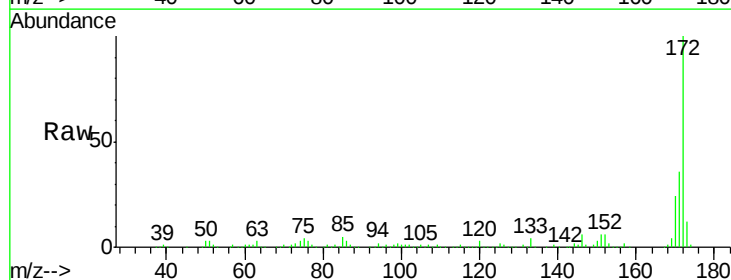
Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

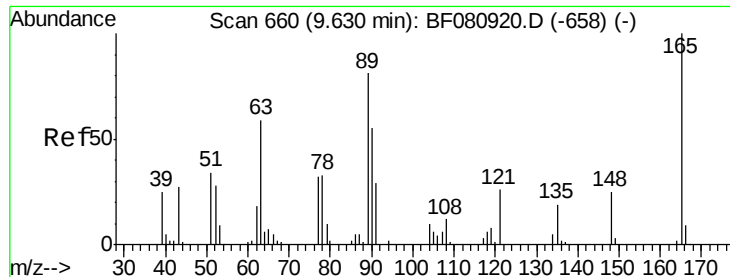
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	41.9	27.8	41.8#



#44
 2-Fluorobiphenyl
 Concen: 49.66 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.7	29.5

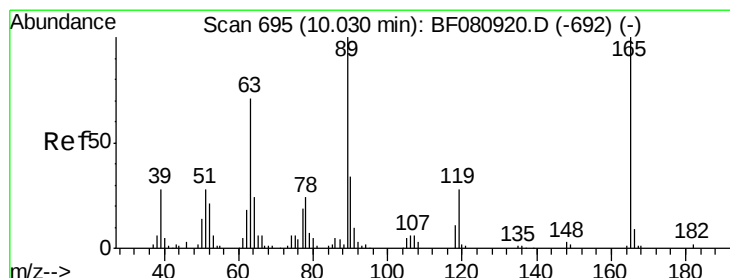
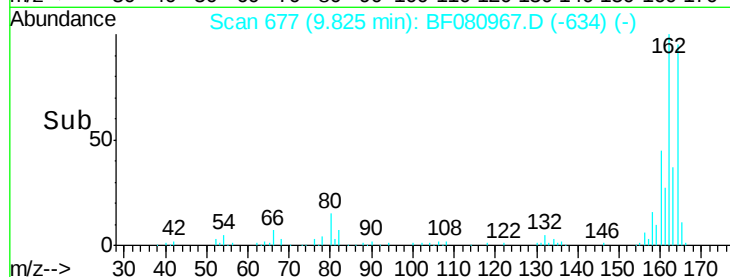
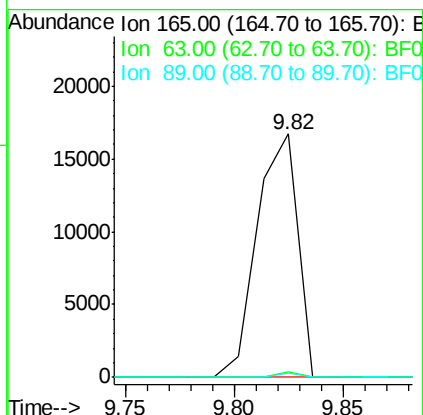
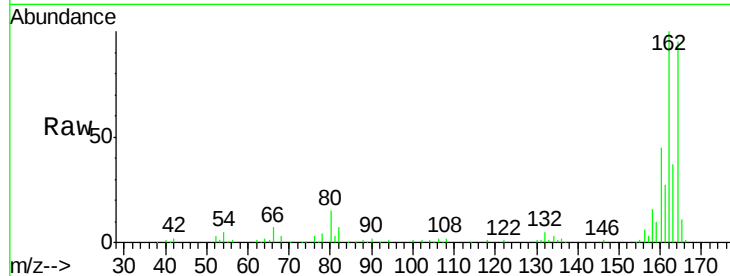




#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

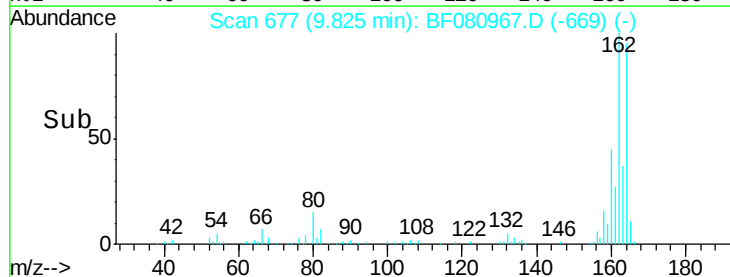
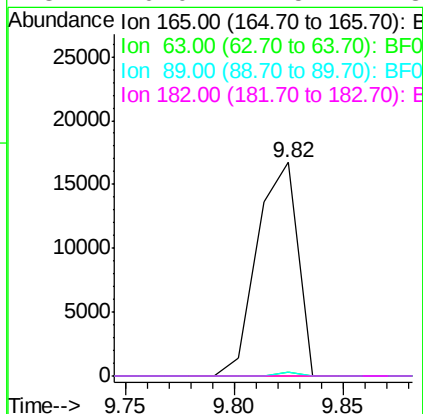
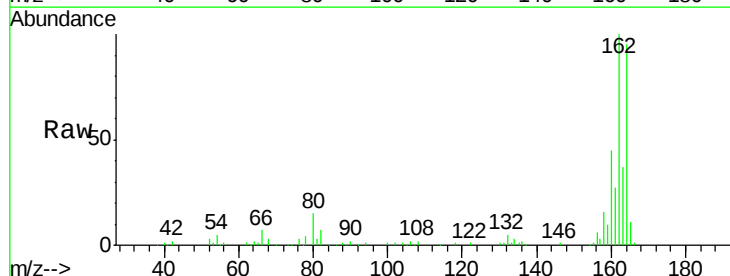
Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

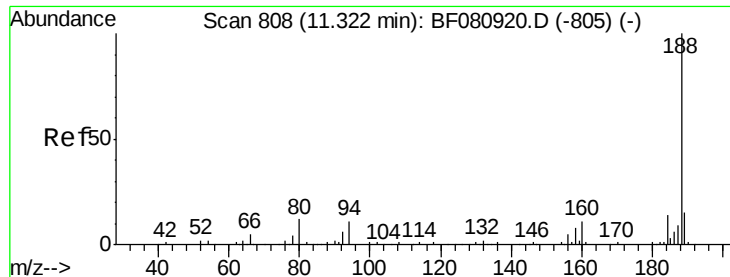
Tot Ion:165 Resp: 21800
 Ion Ratio Lower Upper
 165 100
 63 2.0 77.6 116.4#
 89 2.0 64.5 96.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

Tgt Ion:165 Resp: 21800
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.7 85.1#
 89 2.0 80.4 120.6#
 182 0.0 1.5 2.3#

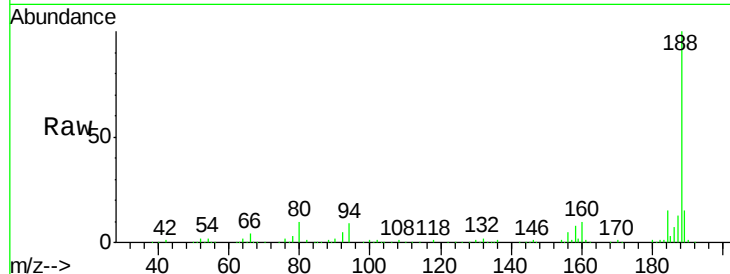




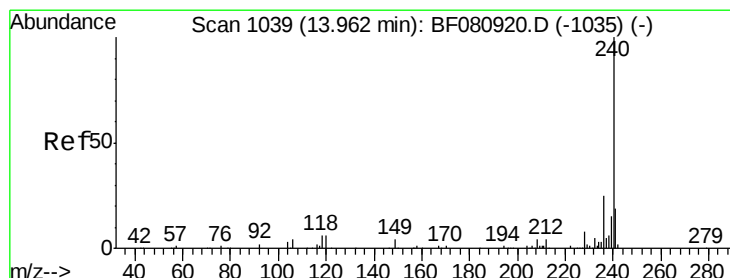
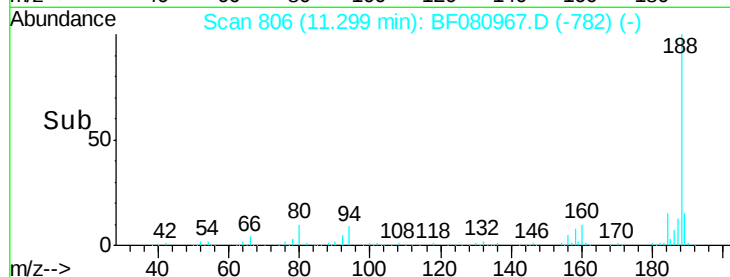
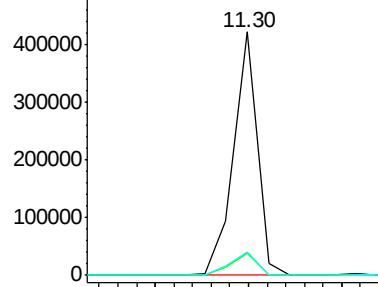
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080967.D
Acq: 11 Aug 2015 18:03

Instrument :
BNA_F
ClientSampled :
PB84929TB

Tot Ion:188 Resp: 371733
Ion Ratio Lower Upper
188 100
94 8.9 8.8 13.2
80 9.9 9.5 14.3

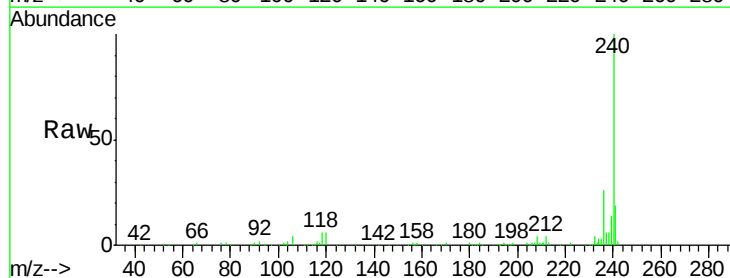


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

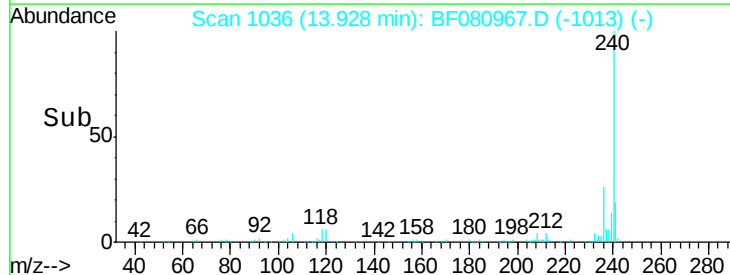
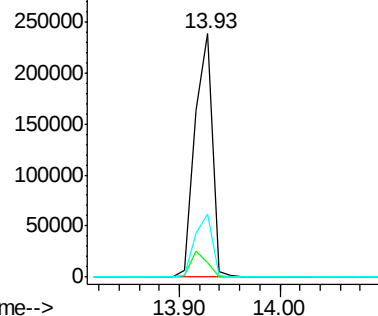


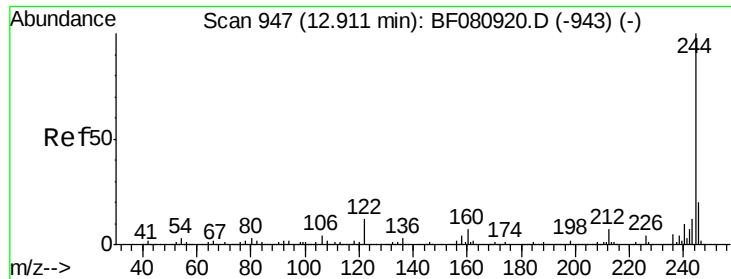
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080967.D
Acq: 11 Aug 2015 18:03

Tgt Ion:240 Resp: 286921
Ion Ratio Lower Upper
240 100
120 6.1 5.2 7.8
236 26.0 20.2 30.4



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

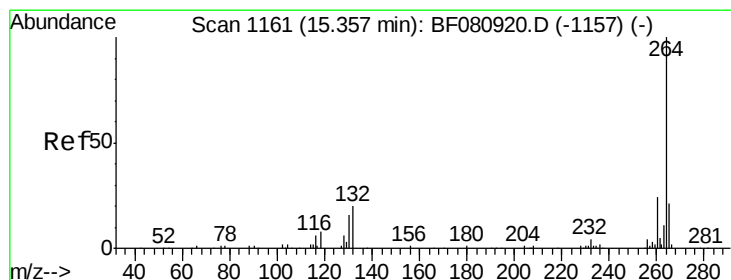
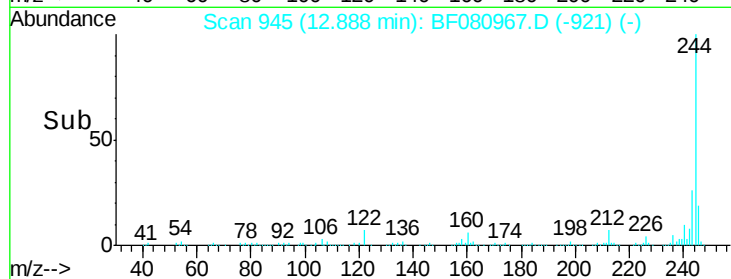
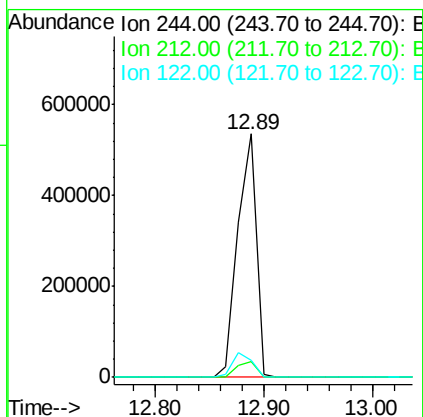
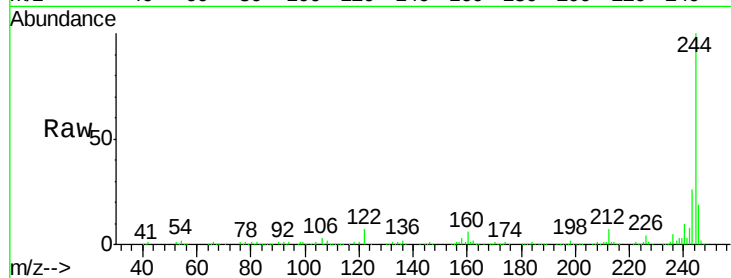




#78
 Terphenyl-d14
 Concen: 44.90 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Tot Ion:244 Resp: 623764
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 7.2 9.4 14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080967.D
 Acq: 11 Aug 2015 18:03

Tgt Ion:264 Resp: 224067
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 20.8 17.0 25.4

