

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080935.D
 Acq On : 7 Aug 2015 19:28
 Operator : TP/UM
 Sample : PB84719BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:01:12 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

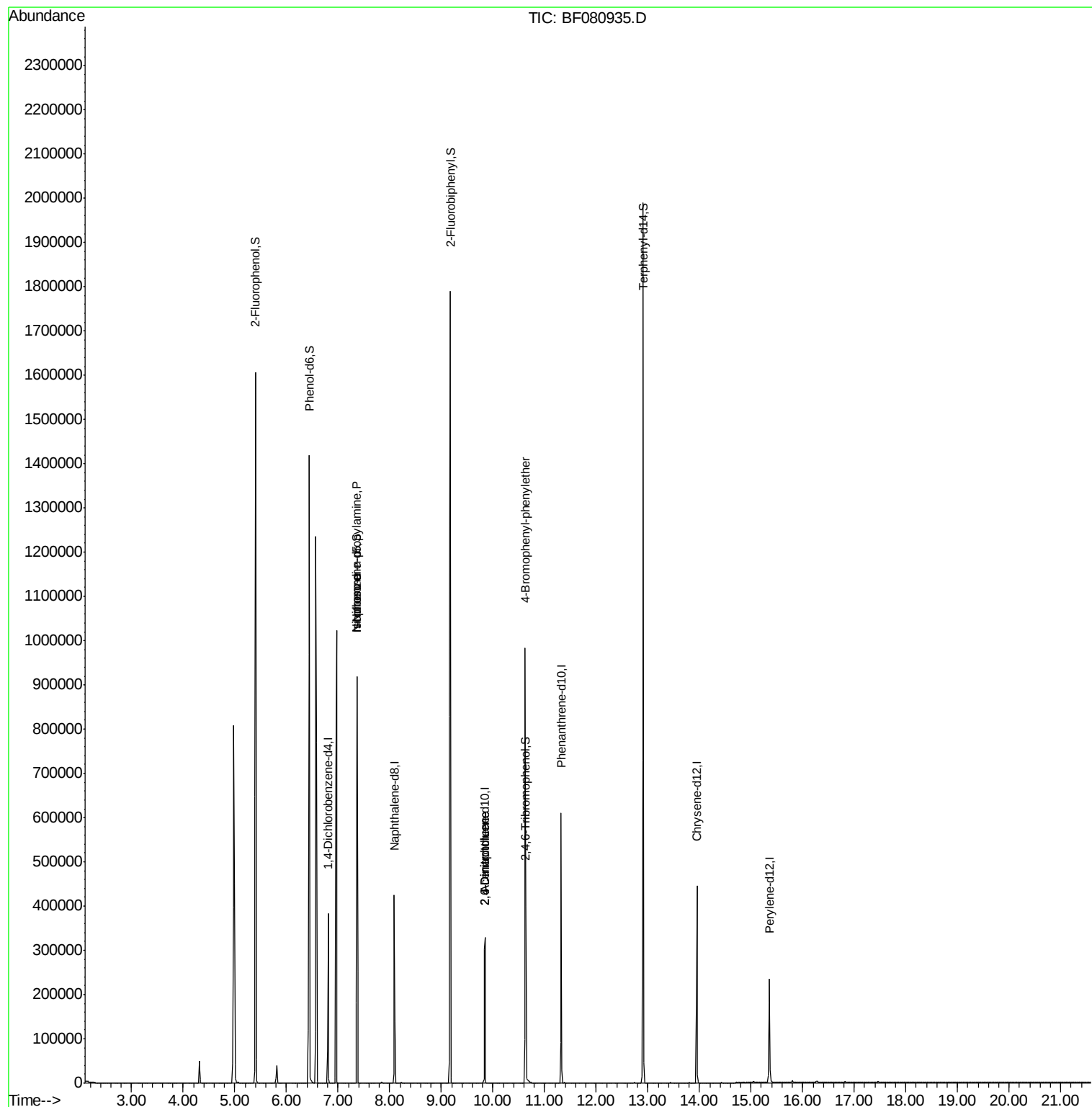
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	51707	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189212	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	93618	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204435	20.00	ng	0.00
75) Chrysene-d12	13.95	240	168926	20.00	ng	-0.01
86) Perylene-d12	15.36	264	124161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	400122	126.43	ng	0.02
7) Phenol-d6	6.44	99	611199	140.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	310928	77.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	128482	124.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	624712	93.94	ng	0.00
78) Terphenyl-d14	12.91	244	628714	76.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	41115	12.97	ng	# 78
25) Isophorone	7.37	82	269829	35.08	ng	# 65
50) 2,6-Dinitrotoluene	9.84	165	11317	7.04	ng	# 5
56) 2,4-Dinitrotoluene	9.84	165	11317	5.26	ng	# 7
66) 4-Bromophenyl-phenylether	10.62	248	7339	3.39	ng	# 1

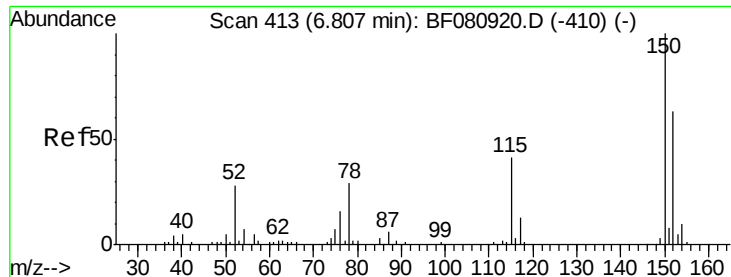
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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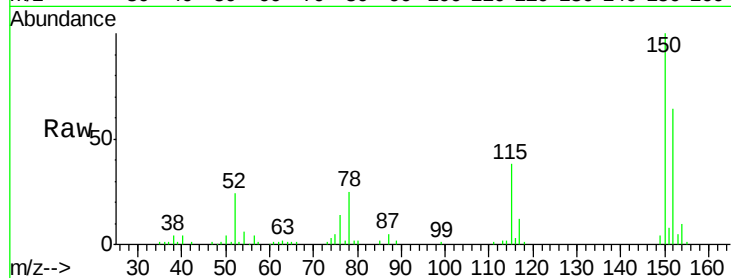


#1

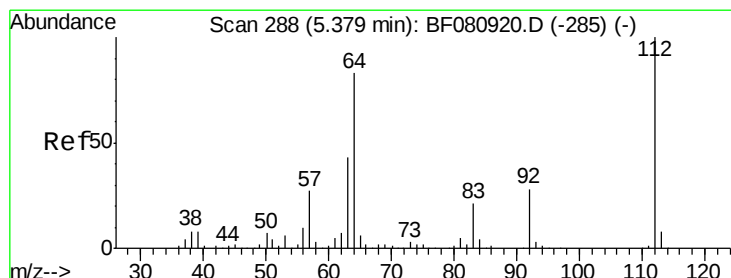
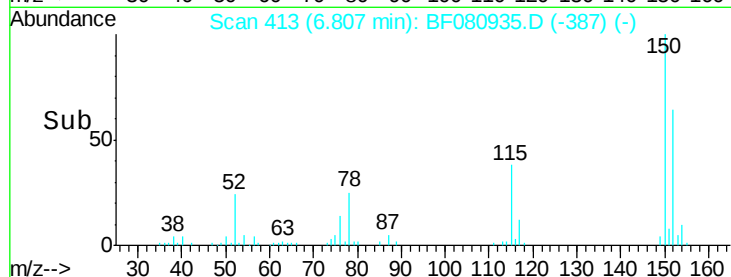
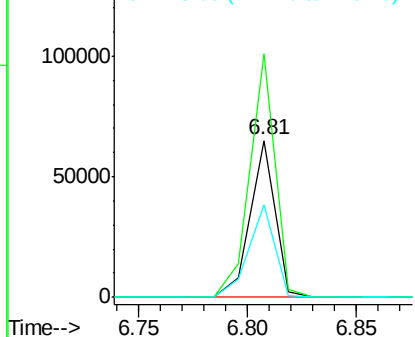
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 51707
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 59.2 52.6 78.8



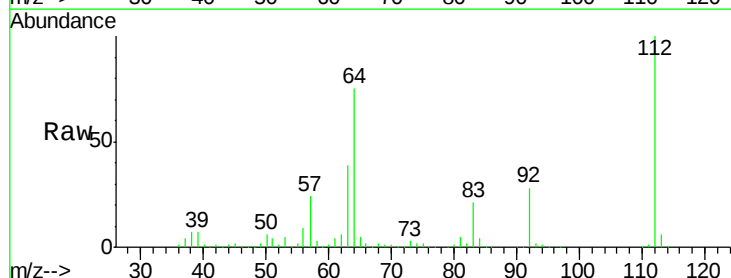
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



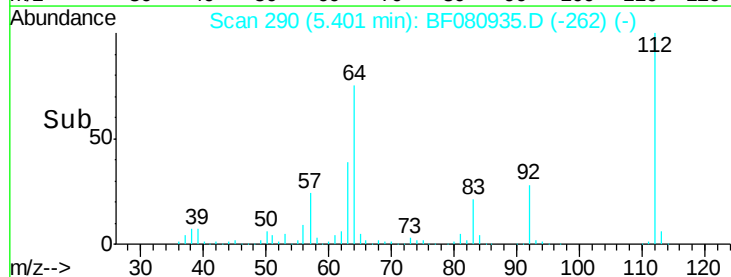
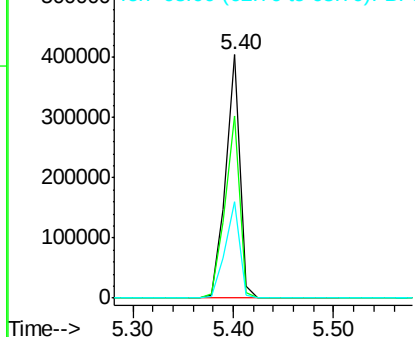
#5

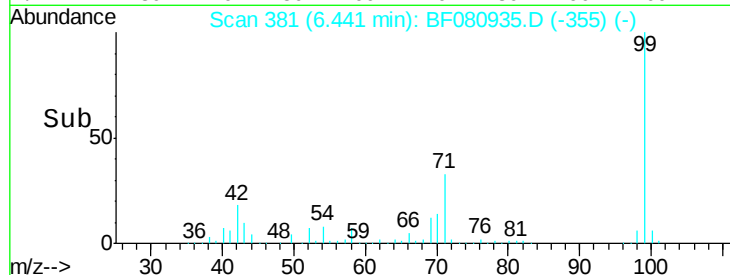
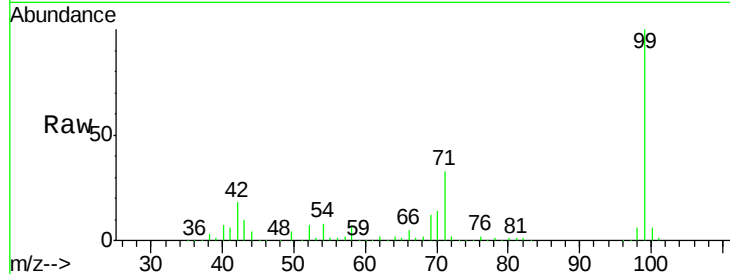
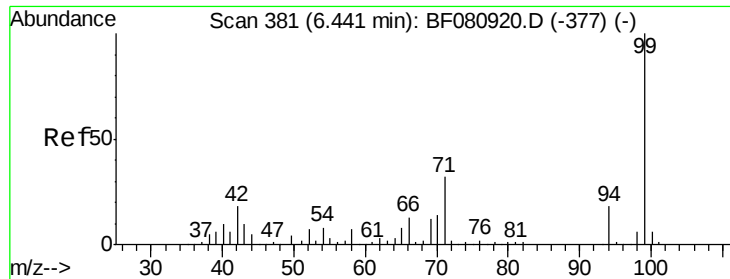
2-Fluorophenol
Concen: 126.43 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Tgt Ion:112 Resp: 400122
Ion Ratio Lower Upper
112 100
64 74.7 66.1 99.1
63 39.5 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: 140.94 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Instrument :

BNA_F

ClientSampleId :

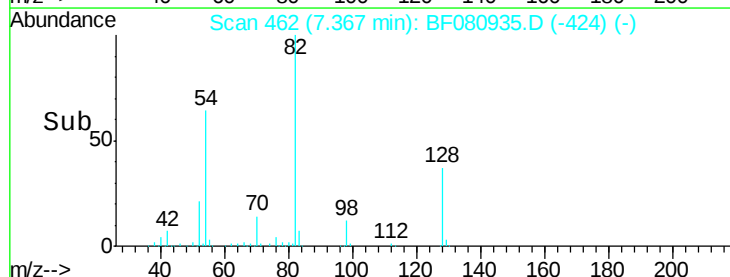
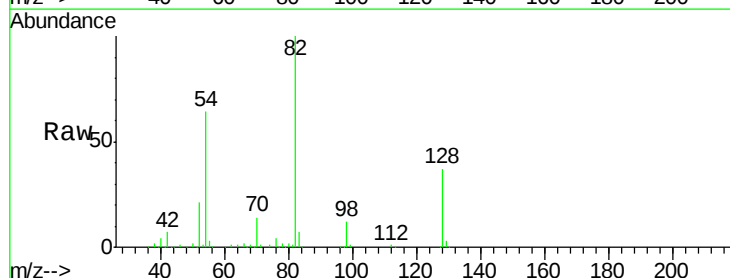
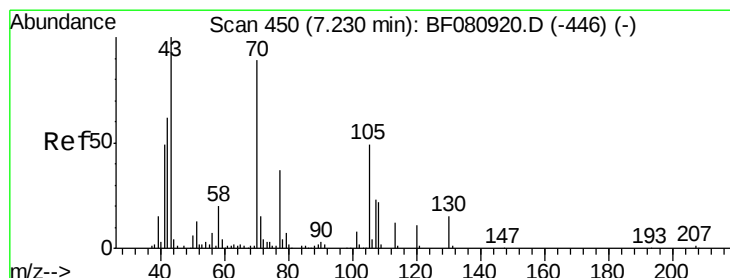
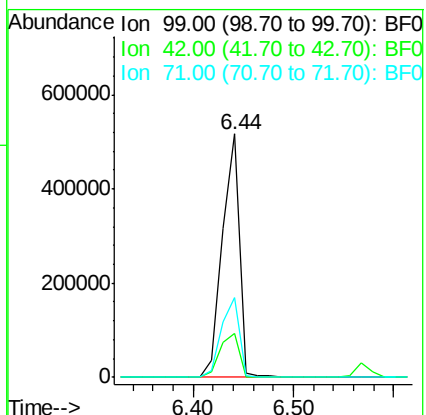
Tot Ion: 99 Resp: 611199

Ion Ratio Lower Upper

99 100

42 17.8 14.4 21.6

71 32.7 25.8 38.8



#19

n-Nitroso-di-n-propylamine

Concen: 12.97 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Tgt Ion: 70 Resp: 41115

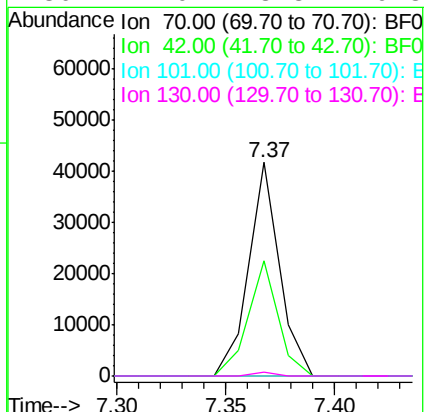
Ion Ratio Lower Upper

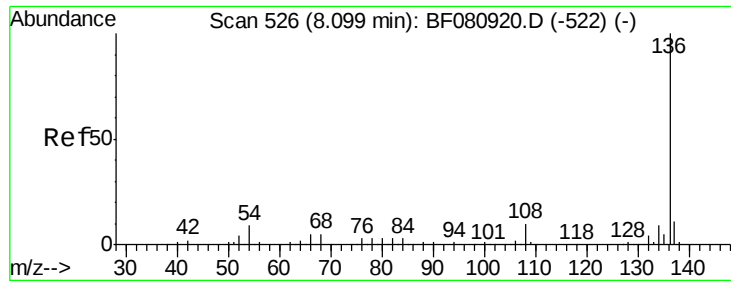
70 100

42 54.1 55.7 83.5#

101 0.0 7.0 10.6#

130 2.0 13.8 20.8#

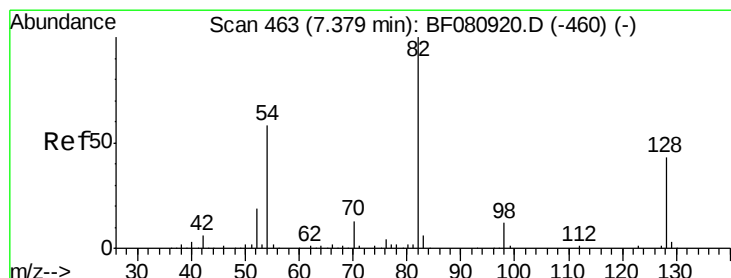
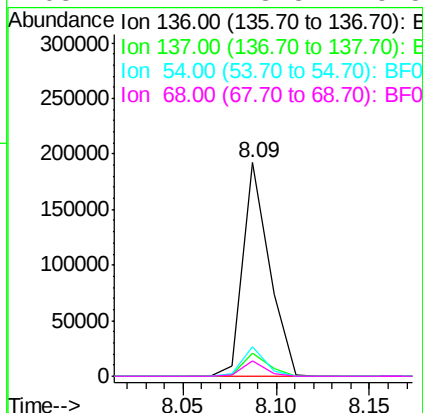
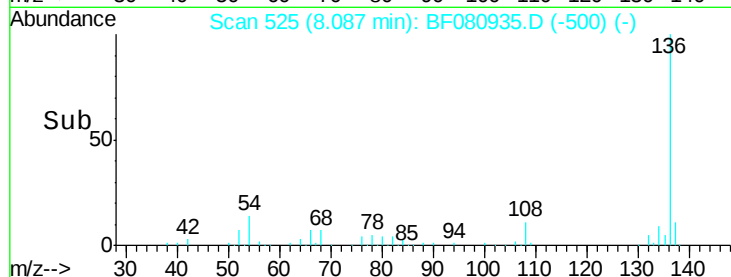
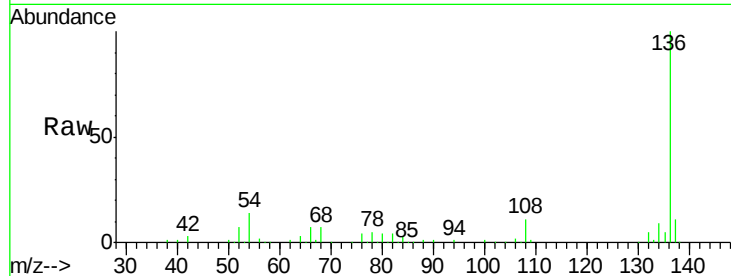




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

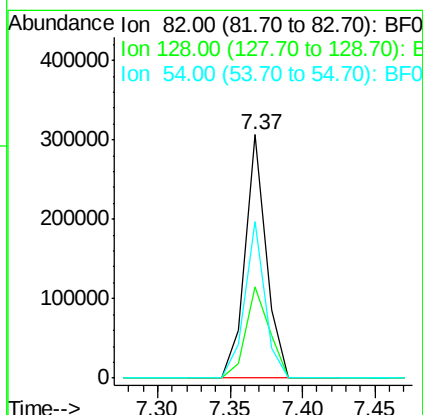
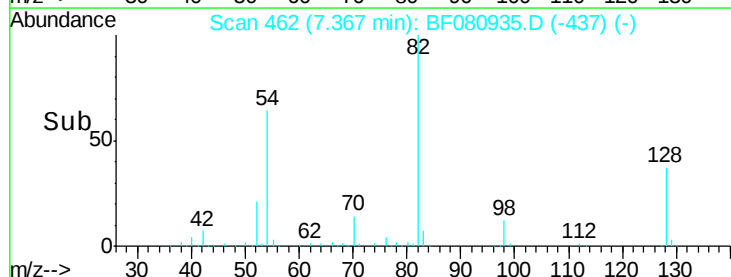
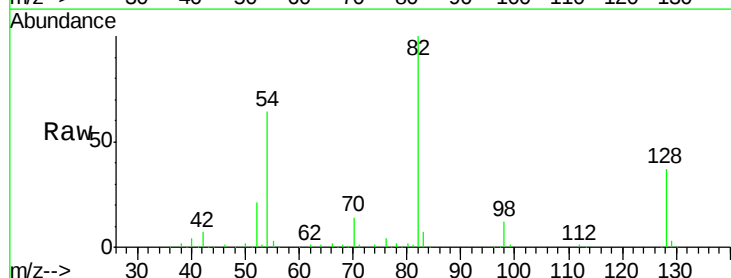
Instrument :
BNA_F
ClientSampleId :

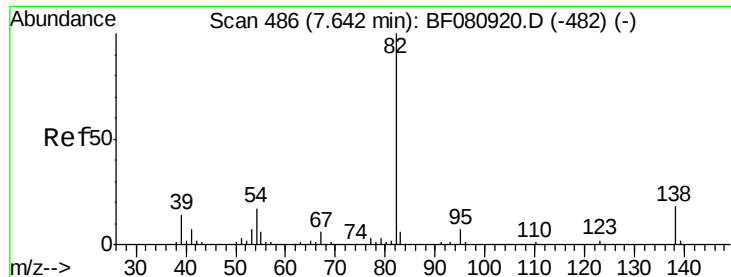
Tot Ion:	136	Resp:	189212
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	13.7	7.1	10.7
68	7.1	3.8	5.8



#23
Nitrobenzene-d5
Concen: 77.73 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Tgt Ion:	82	Resp:	310928
Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.1	51.1
54	64.4	46.5	69.7





#25

Isophorone

Concen: 35.08 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Instrument :

BNA_F

ClientSampleId :

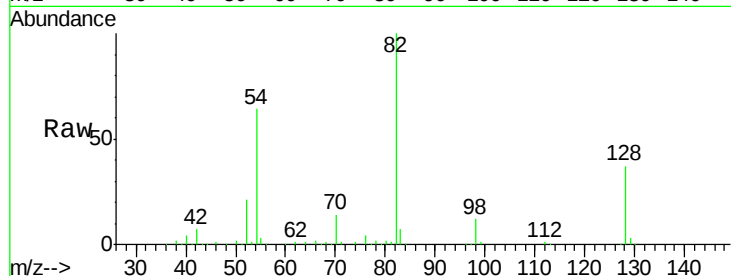
Tot Ion: 82 Resp: 269829

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

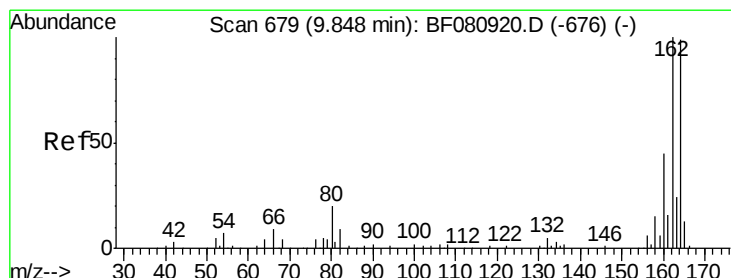
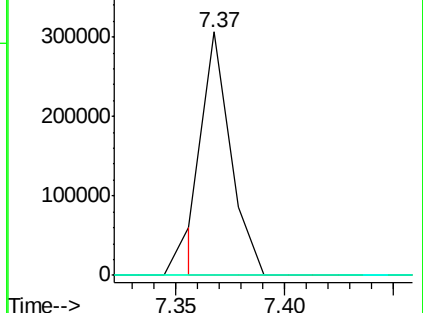
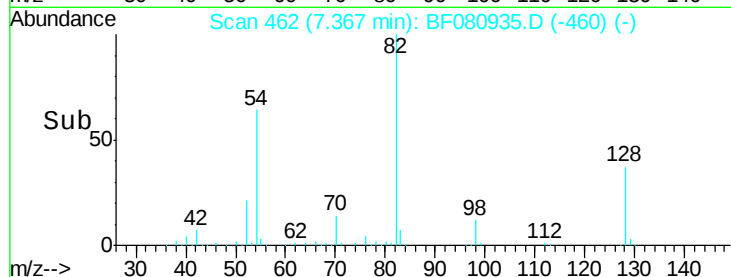
138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080935.D (-460) (-)

Ion 95.00 (94.70 to 95.70): BF080935.D (-460) (-)

Ion 138.00 (137.70 to 138.70): BF080935.D (-460) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

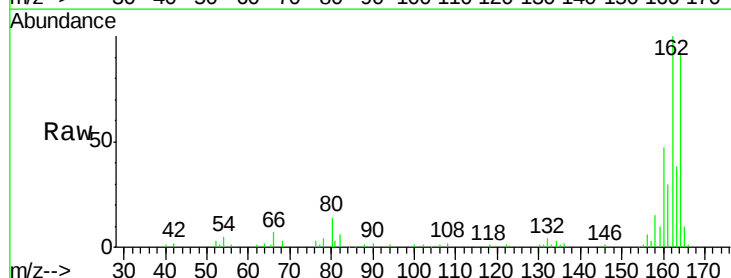
Tgt Ion: 164 Resp: 93618

Ion Ratio Lower Upper

164 100

162 108.5 80.5 120.7

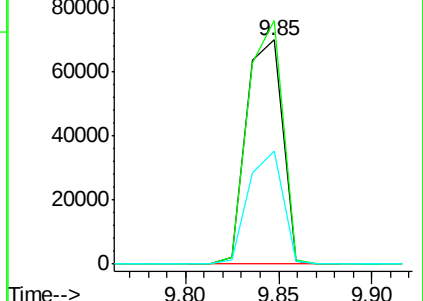
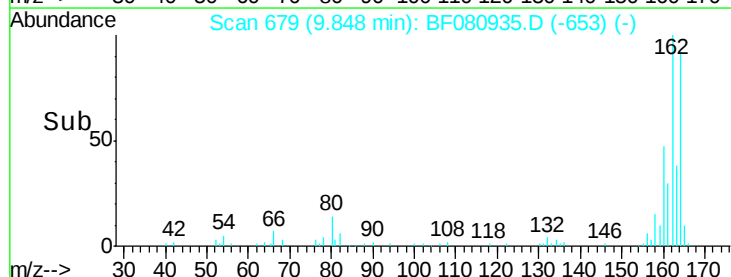
160 50.5 36.6 54.8

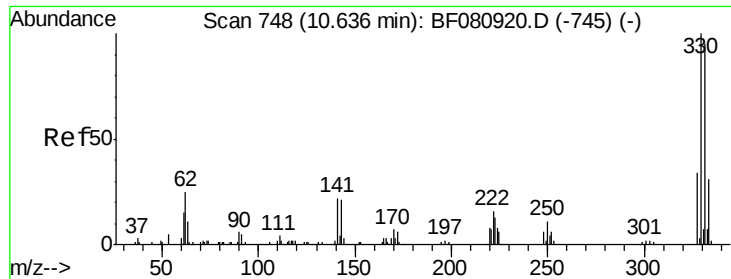


Abundance Ion 164.00 (163.70 to 164.70): BF080935.D (-653) (-)

Ion 162.00 (161.70 to 162.70): BF080935.D (-653) (-)

Ion 160.00 (159.70 to 160.70): BF080935.D (-653) (-)

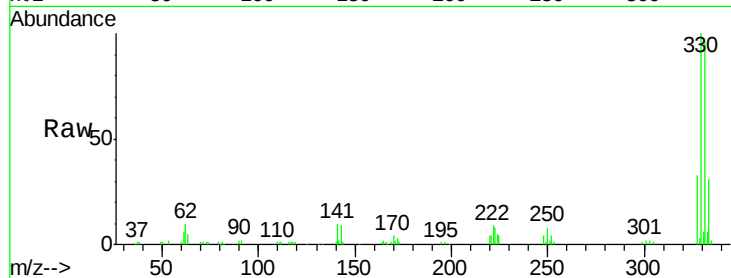




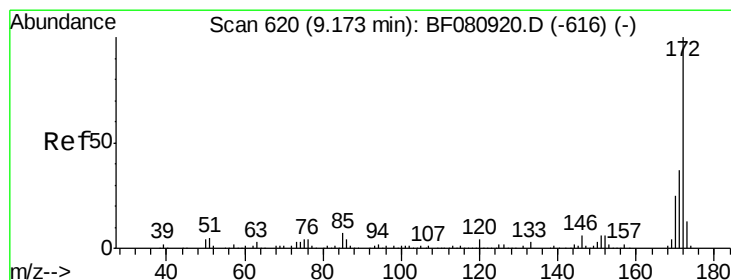
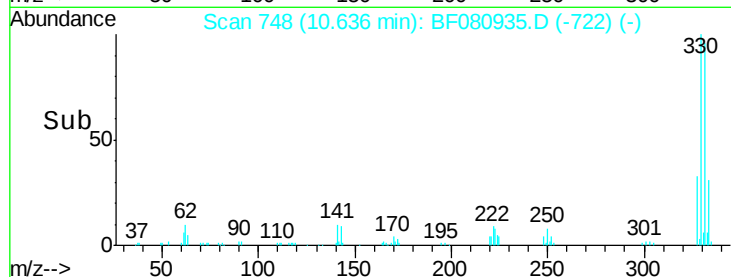
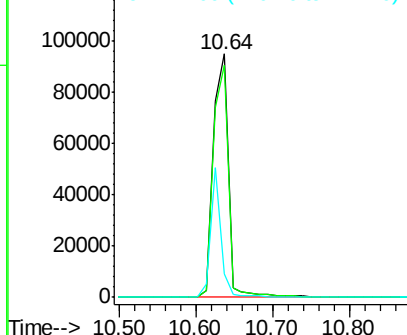
#41
 2,4,6-Tribromophenol
 Concen: 124.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 128482
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 36.5 27.8 41.8

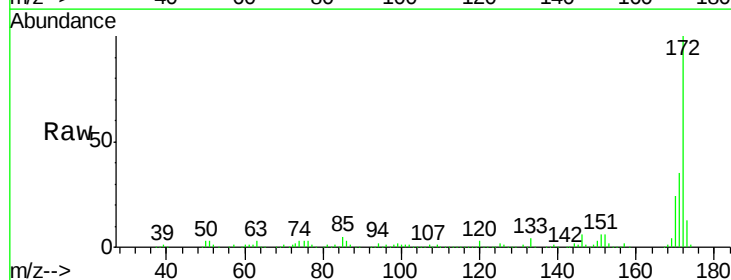


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

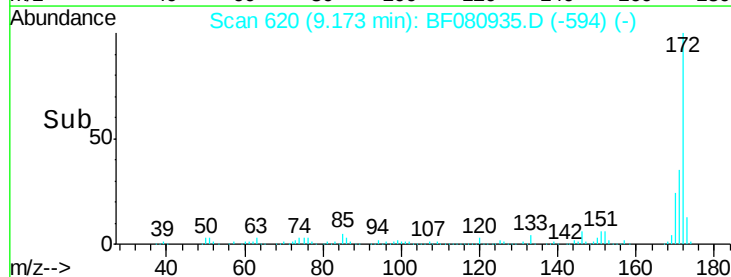
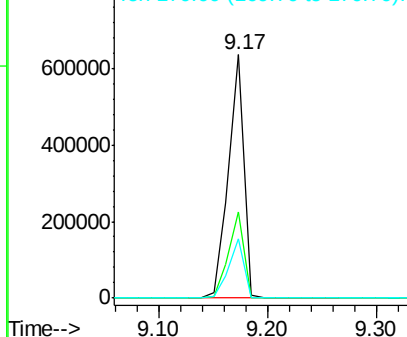


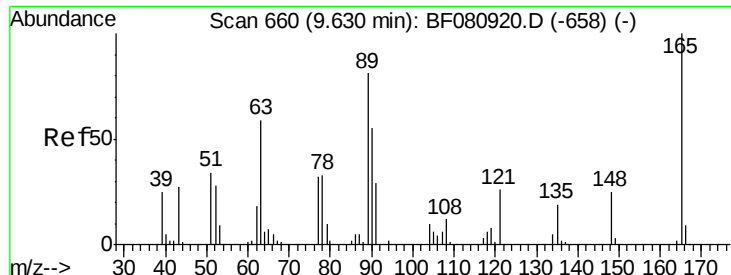
#44
 2-Fluorobiphenyl
 Concen: 93.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Tgt Ion:172 Resp: 624712
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 24.4 19.7 29.5



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: 7.04 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Instrument :

BNA_F

ClientSampleId :

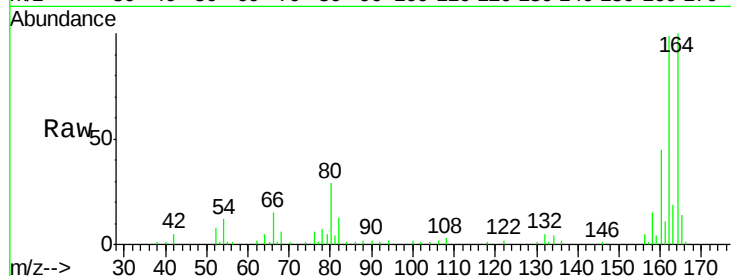
Tot Ion:165 Resp: 11317

Ion Ratio Lower Upper

165 100

63 0.0 77.6 116.4#

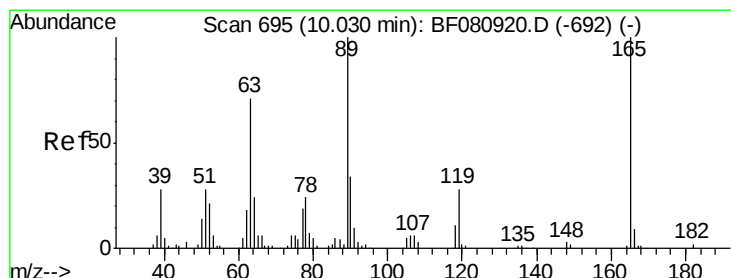
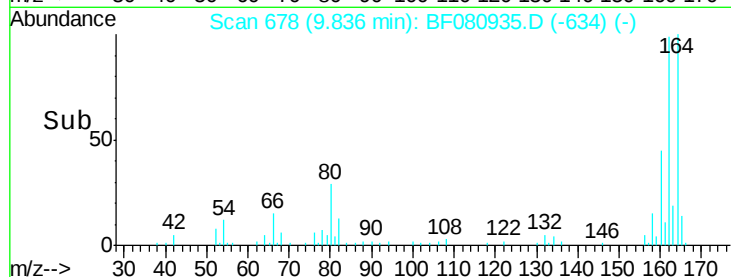
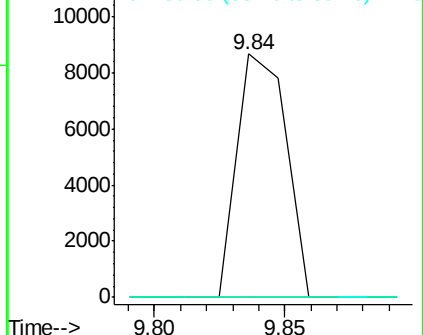
89 0.0 64.5 96.7#



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: 5.26 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Tgt Ion:165 Resp: 11317

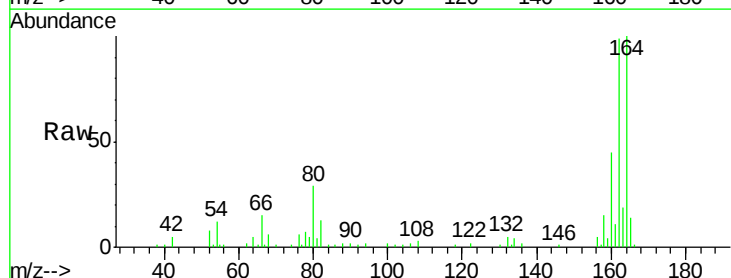
Ion Ratio Lower Upper

165 100

63 0.0 56.7 85.1#

89 0.0 80.4 120.6#

182 0.0 1.5 2.3#

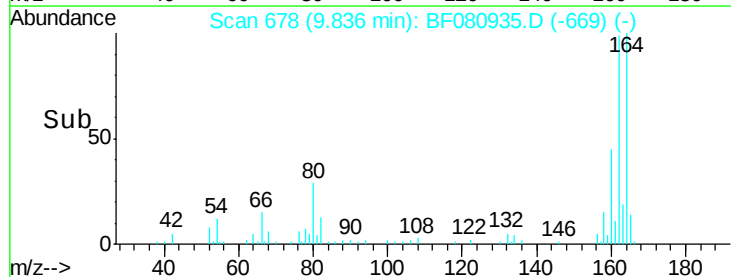
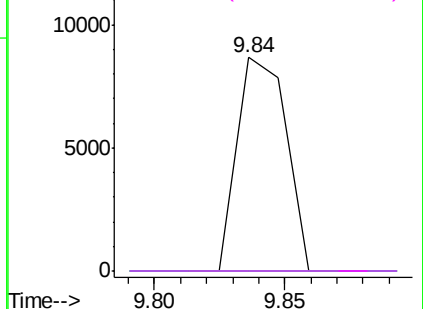


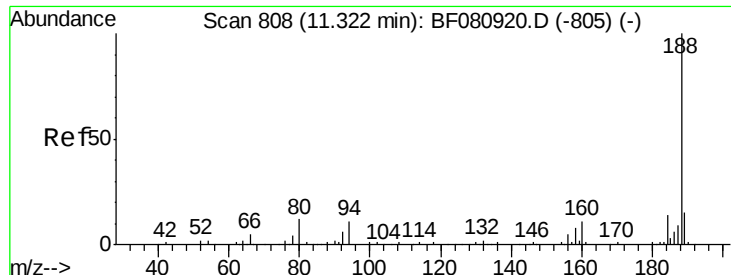
Abundance Ion 165.00 (164.70 to 165.70): E

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

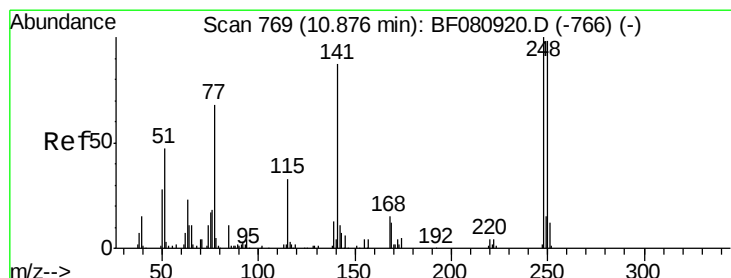
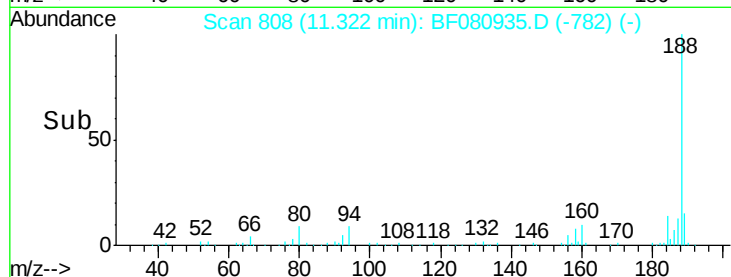
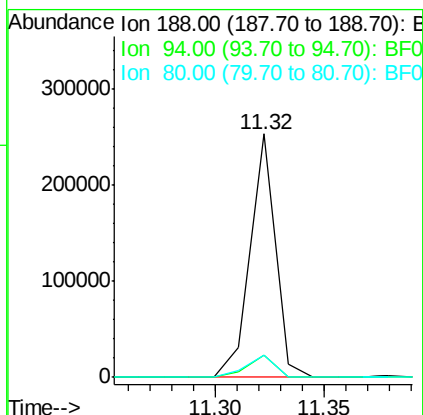
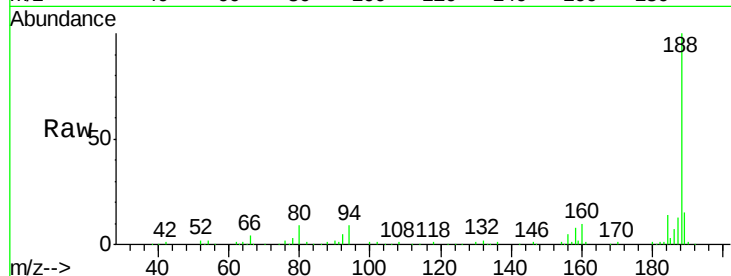




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

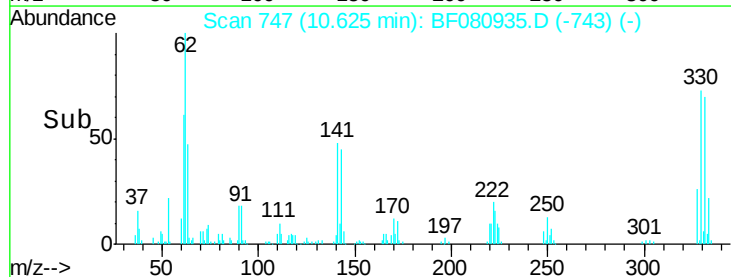
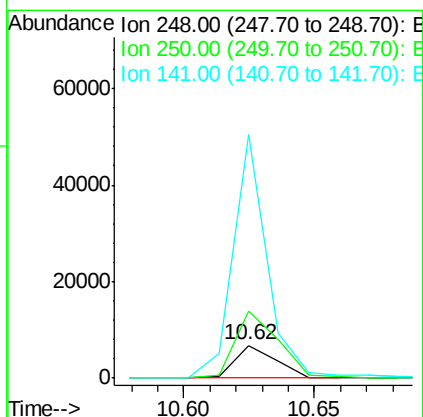
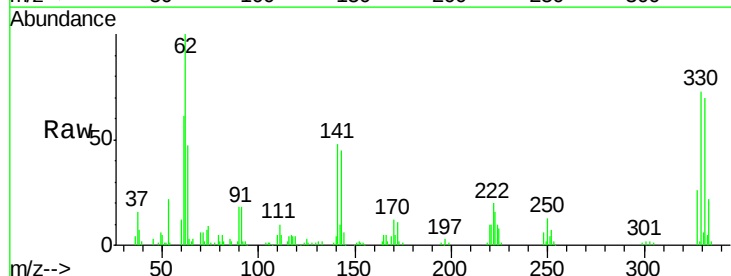
Instrument :
 BNA_F
 ClientSampleId :

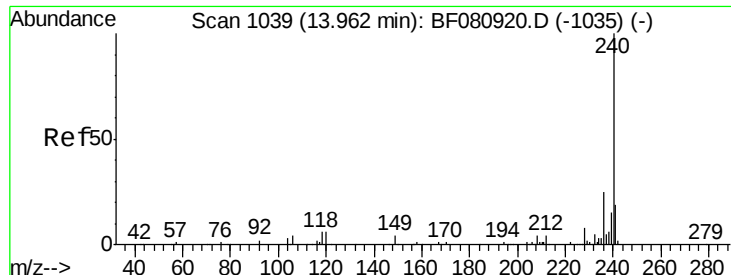
Tot Ion:188 Resp: 204435
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.8 13.2
 80 9.3 9.5 14.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Tgt Ion:248 Resp: 7339
 Ion Ratio Lower Upper
 248 100
 250 205.9 78.1 117.1#
 141 751.6 69.6 104.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Instrument :

BNA_F

ClientSampleId :

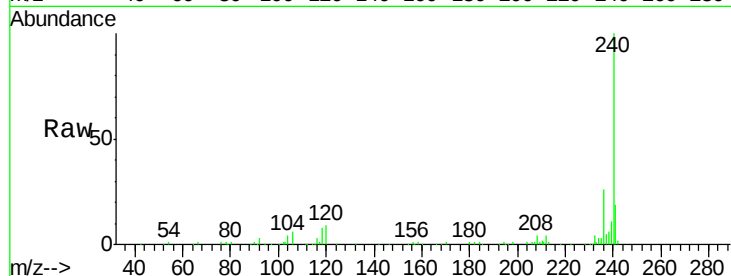
Tot Ion:240 Resp: 168926

Ion Ratio Lower Upper

240 100

120 9.0 5.2 7.8#

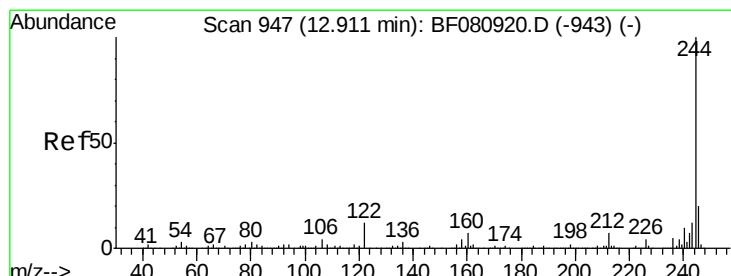
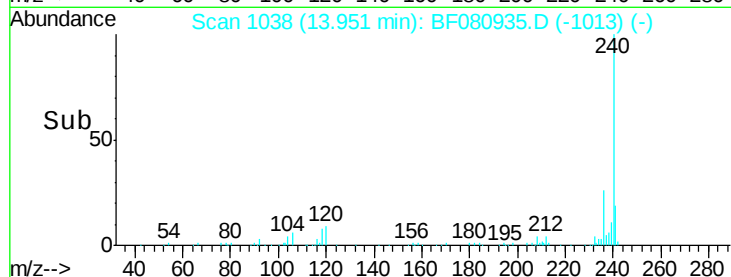
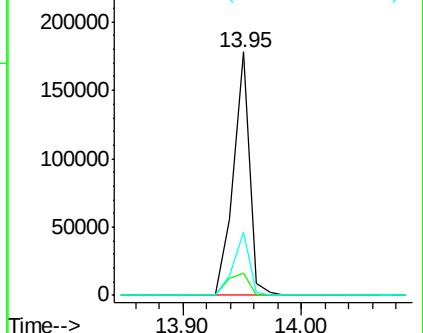
236 25.7 20.2 30.4



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: 76.88 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

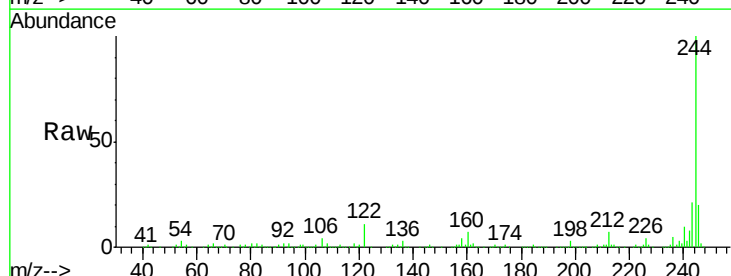
Tgt Ion:244 Resp: 628714

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

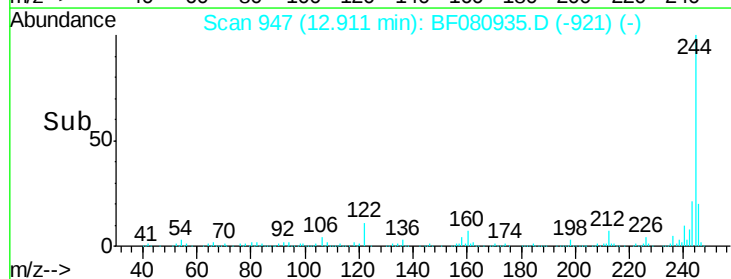
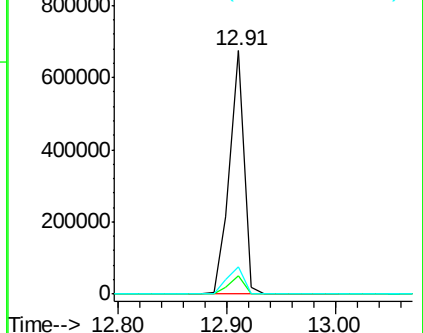
122 11.3 9.4 14.2

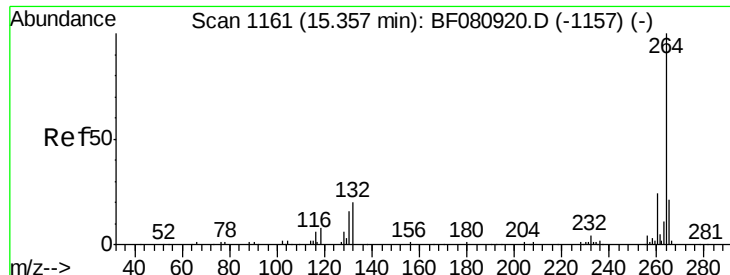


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

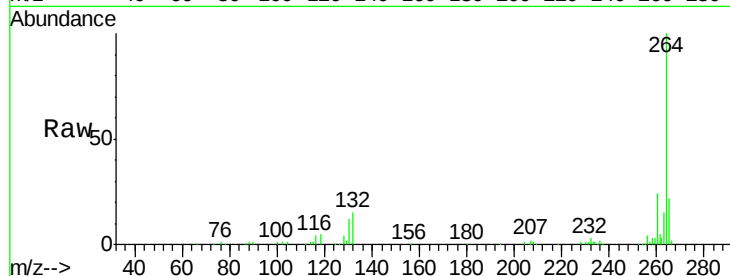




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.6	17.0	25.4



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

