

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080254.D
 Acq On : 1 Jul 2015 1:46
 Operator : TP/IZ
 Sample : G2841-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(4FT)-062915

Quant Time: Jul 01 05:07:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

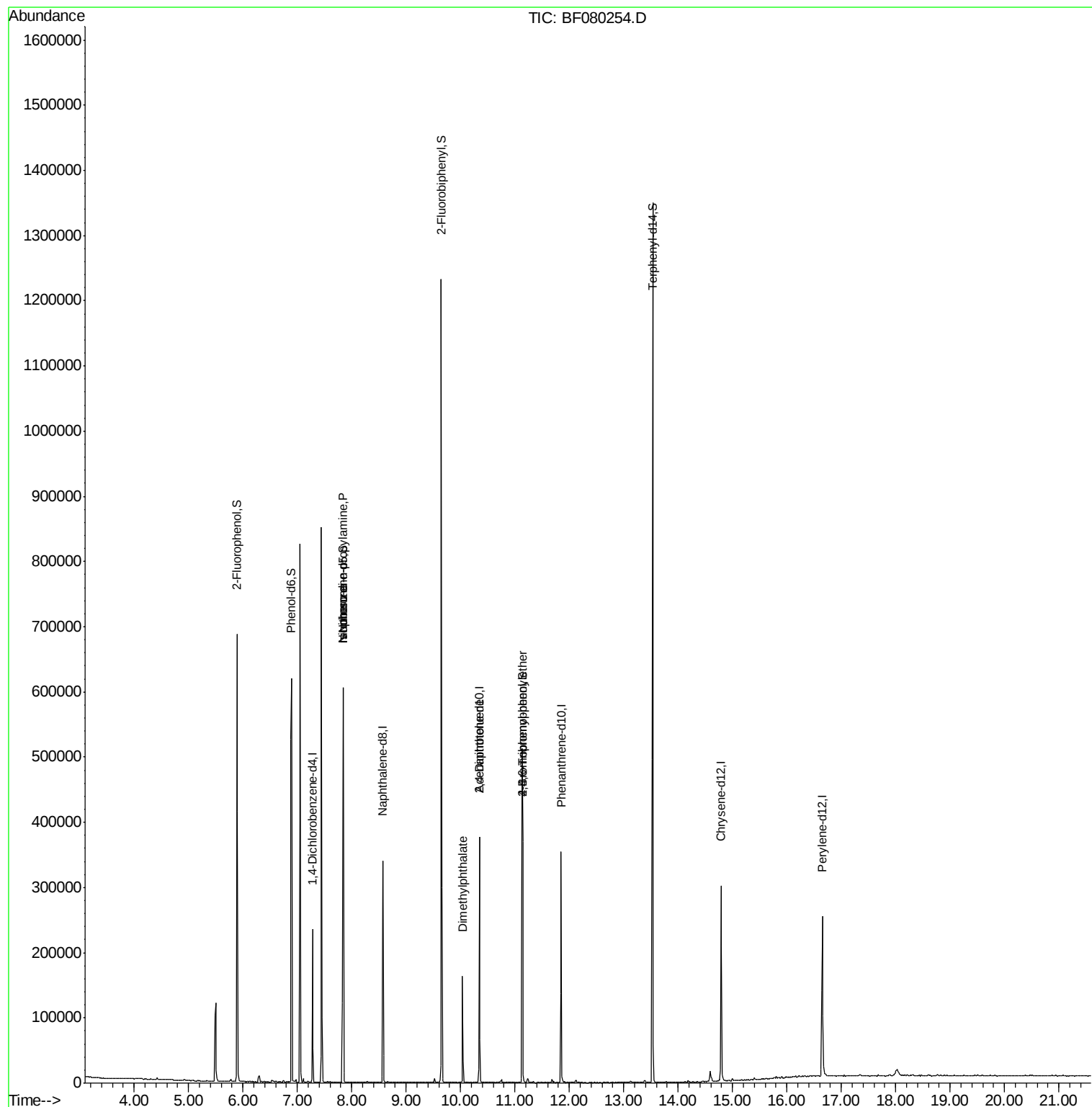
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33965	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	133561	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	70784	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	145340	20.00	ng	-0.06
75) Chrysene-d12	14.79	240	148047	20.00	ng	-0.21
86) Perylene-d12	16.65	264	138357	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	222041	115.72	ng	-0.05
7) Phenol-d6	6.89	99	300861	117.83	ng	-0.03
23) Nitrobenzene-d5	7.84	82	178225	77.68	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	74695	107.92	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	372198	74.99	ng	-0.05
78) Terphenyl-d14	13.53	244	471630	74.40	ng	-0.14
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	23517	13.27	ng	# 57
25) Isophorone	7.84	82	178218	38.60	ng	# 58
49) Dimethylphthalate	10.04	163	66184	12.44	ng	# 98
56) 2,4-Dinitrotoluene	10.34	165	8886	6.56	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	5109	3.31	ng	# 1

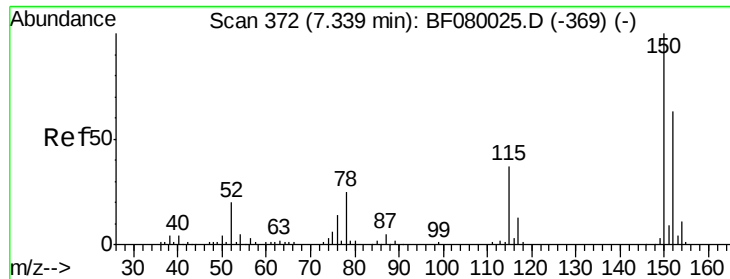
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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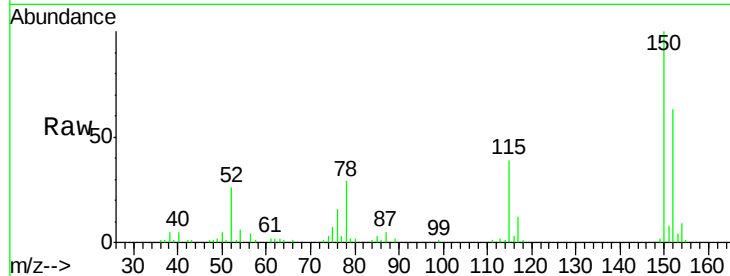




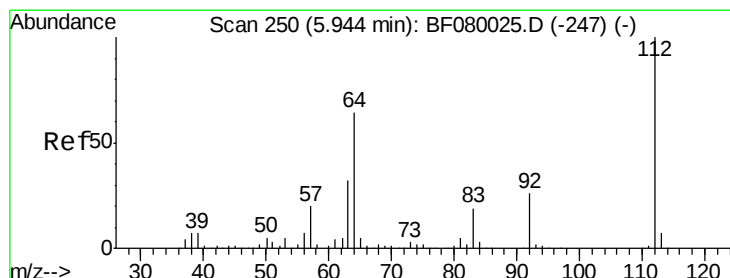
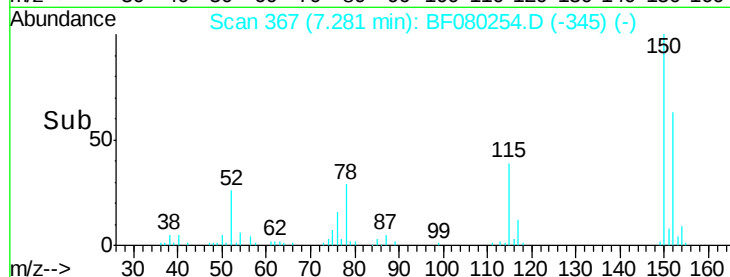
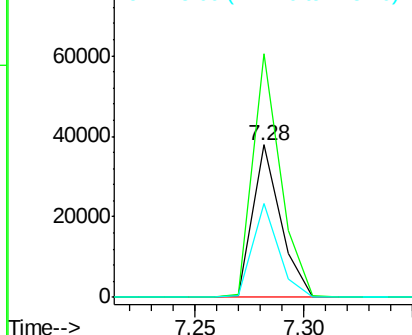
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080254.D
 Acq: 1 Jul 2015 1:46

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(4FT)-062915

Tgt Ion:152 Resp: 33965
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.7 187.1
 115 61.6 39.0 58.4#

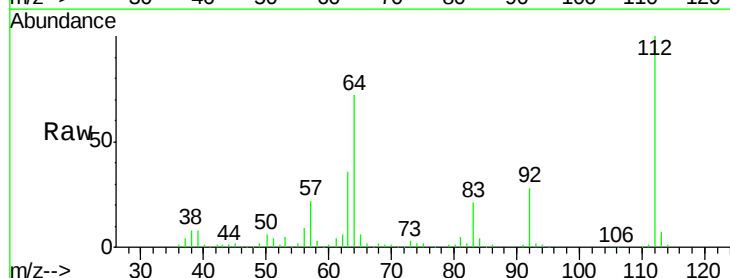


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

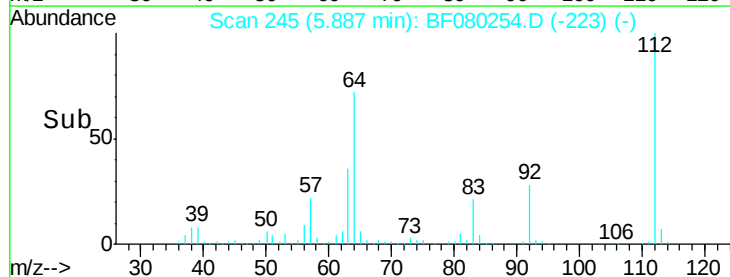
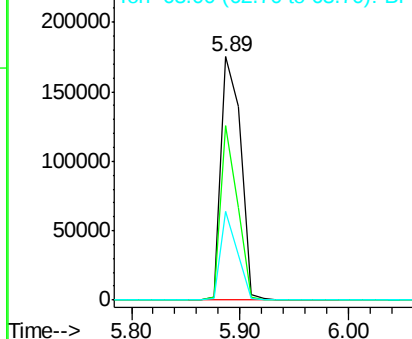


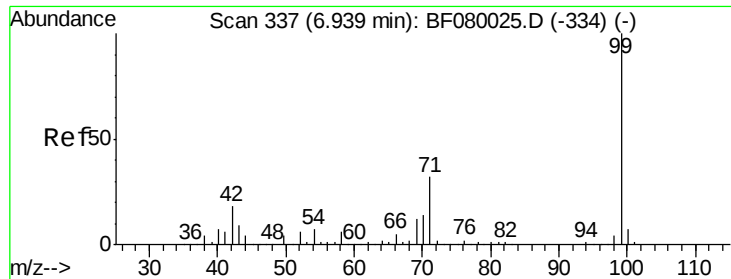
#5
 2-Fluorophenol
 Concen: 115.72 ng
 RT: 5.89 min Scan# 245
 Delta R.T. -0.05 min
 Lab File: BF080254.D
 Acq: 1 Jul 2015 1:46

Tgt Ion:112 Resp: 222041
 Ion Ratio Lower Upper
 112 100
 64 71.9 39.7 59.5#
 63 36.5 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





#7

Phenol-d6

Concen: 117.83 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(4FT)-062915

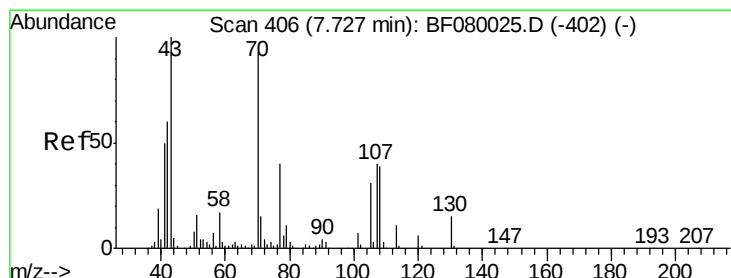
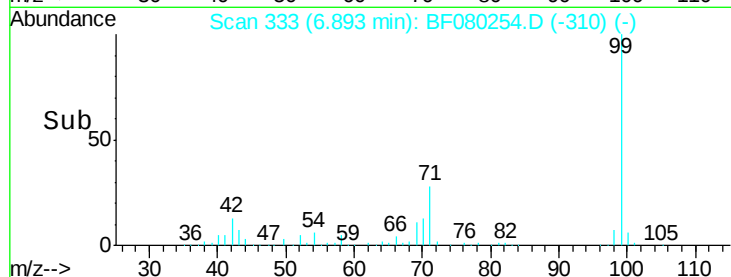
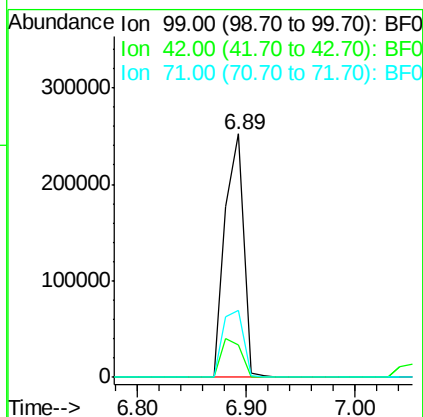
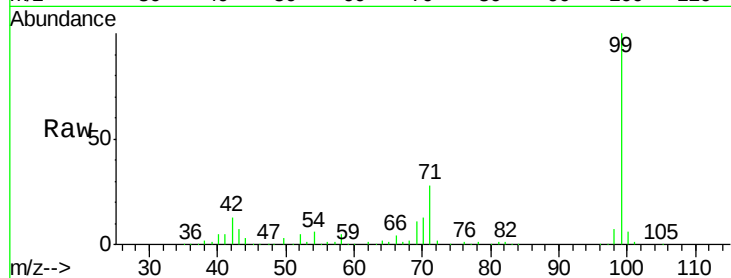
Tgt Ion: 99 Resp: 300861

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

71 27.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.27 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Tgt Ion: 70 Resp: 23517

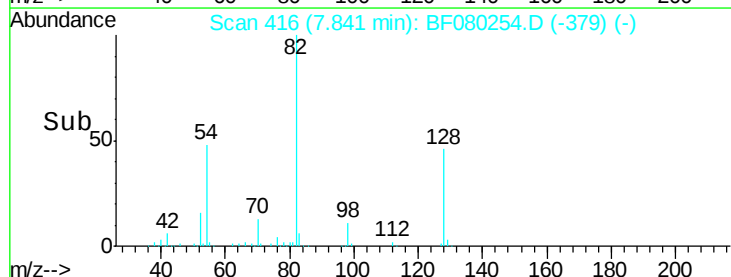
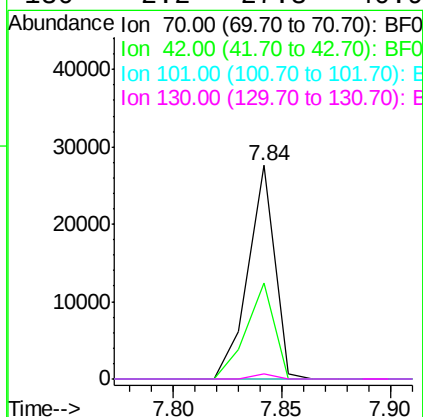
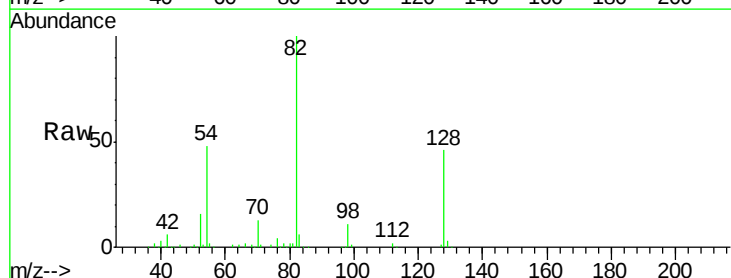
Ion Ratio Lower Upper

70 100

42 44.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

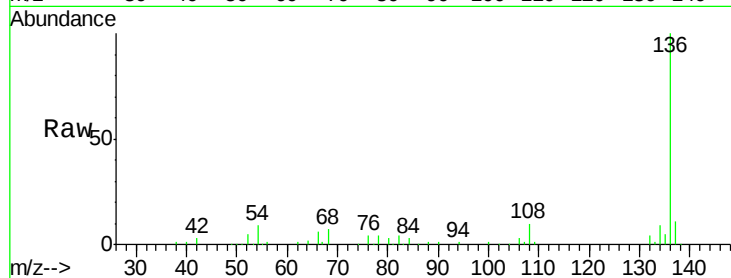




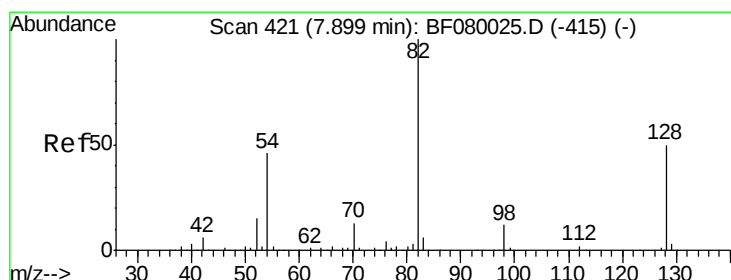
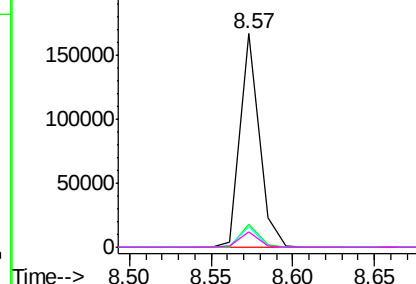
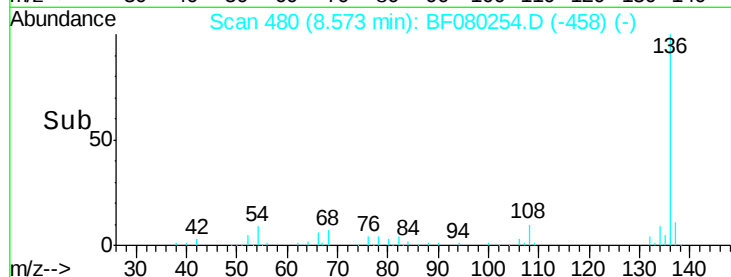
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080254.D
Acq: 1 Jul 2015 1:46

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(4FT)-062915

Tgt Ion:	136	Resp:	133561
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.4	8.2	12.2
68	7.3	5.8	8.6

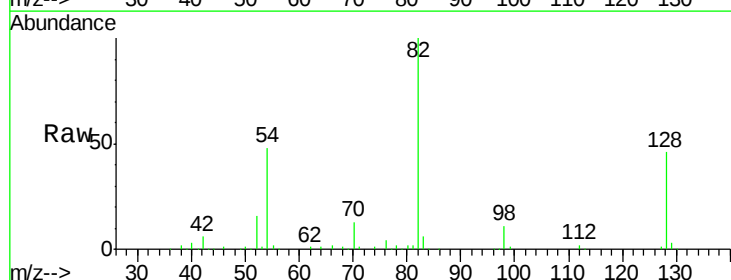


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

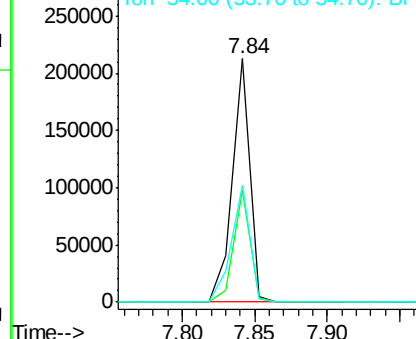
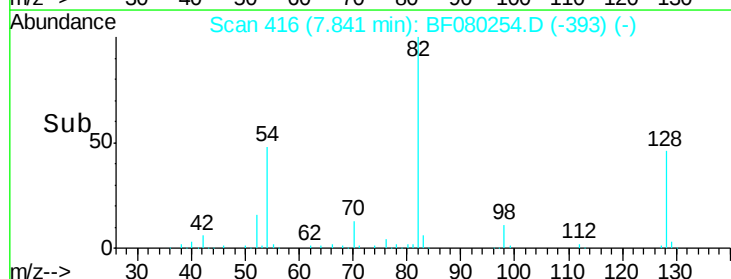


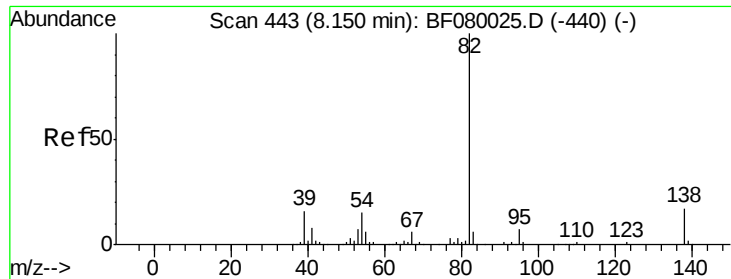
#23
Nitrobenzene-d5
Concen: 77.68 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080254.D
Acq: 1 Jul 2015 1:46

Tgt Ion:	82	Resp:	178225
Ion	Ratio	Lower	Upper
82	100		
128	46.0	51.0	76.6#
54	47.9	47.5	71.3



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: 38.60 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(4FT)-062915

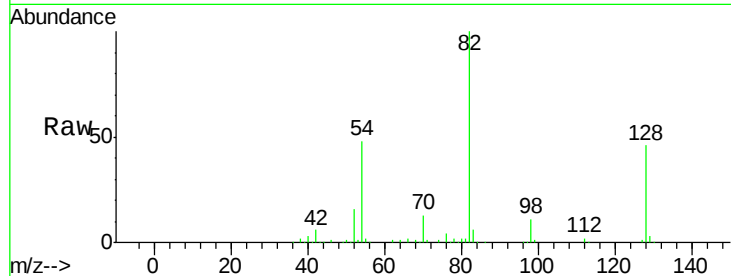
Tgt Ion: 82 Resp: 178218

Ion Ratio Lower Upper

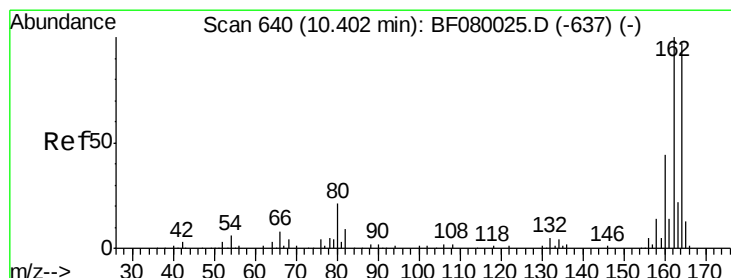
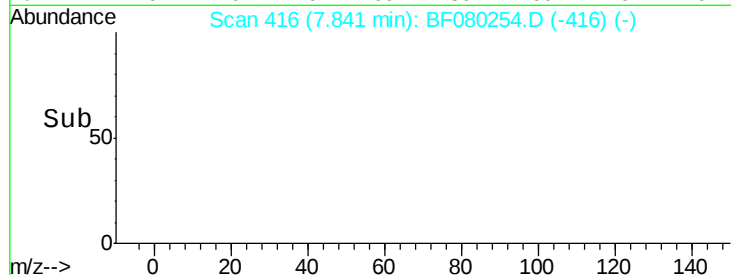
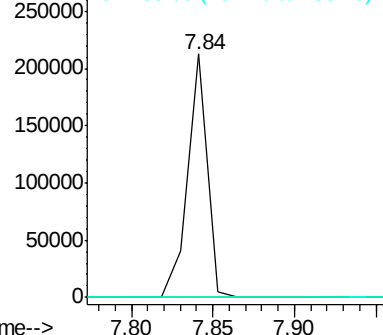
82 100

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: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

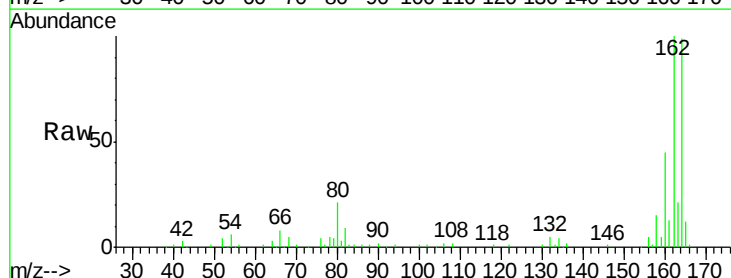
Tgt Ion: 164 Resp: 70784

Ion Ratio Lower Upper

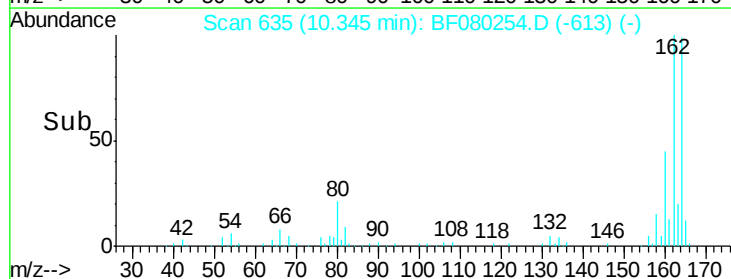
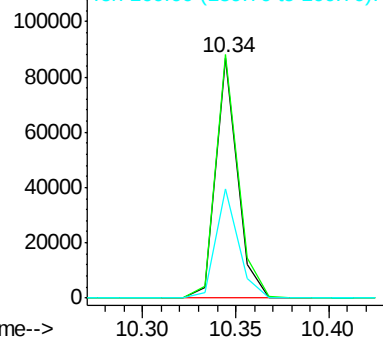
164 100

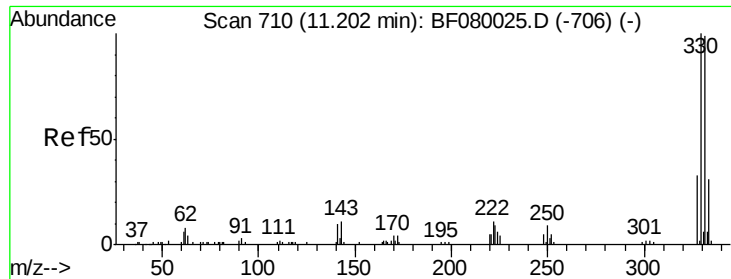
162 101.4 75.2 112.8

160 45.6 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

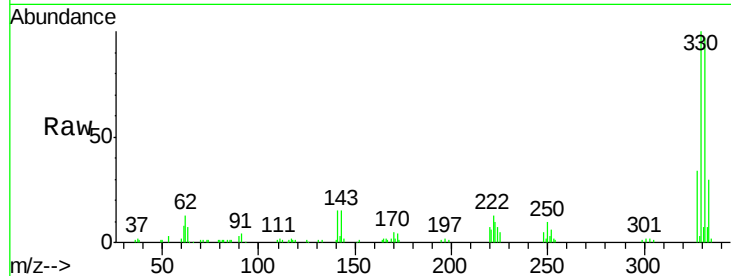




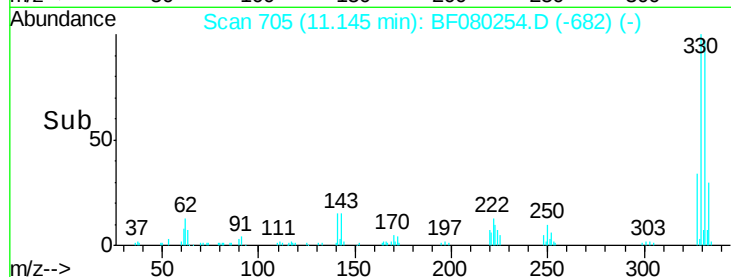
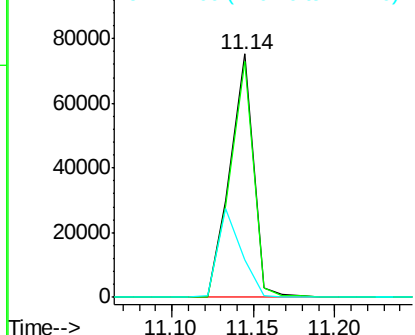
#41
 2,4,6-Tribromophenol
 Concen: 107.92 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080254.D
 Acq: 1 Jul 2015 1:46

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST(4FT)-062915

Tgt Ion:330 Resp: 74695
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 37.1 29.7 44.5

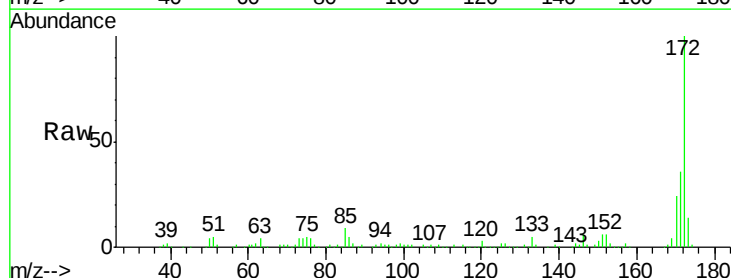


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

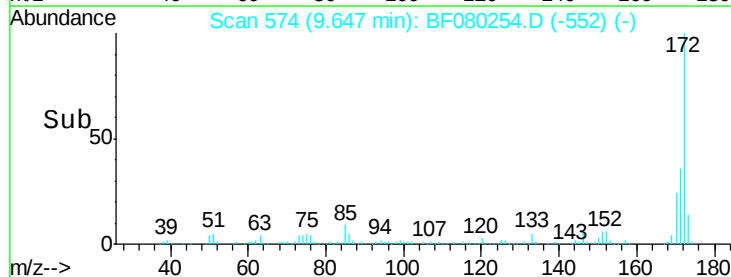
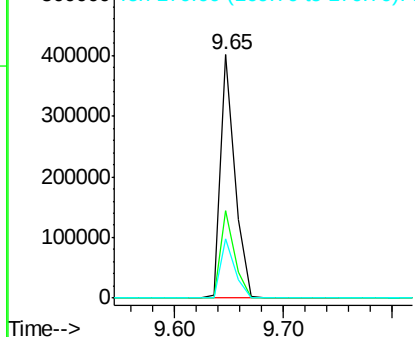


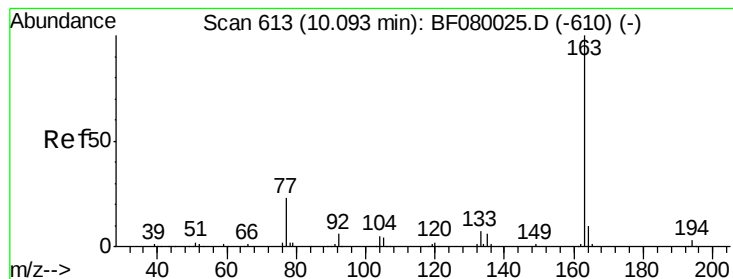
#44
 2-Fluorobiphenyl
 Concen: 74.99 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080254.D
 Acq: 1 Jul 2015 1:46

Tgt Ion:172 Resp: 372198
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.4 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





#49

Dimethylphthalate

Concen: 12.44 ng

RT: 10.04 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(4FT)-062915

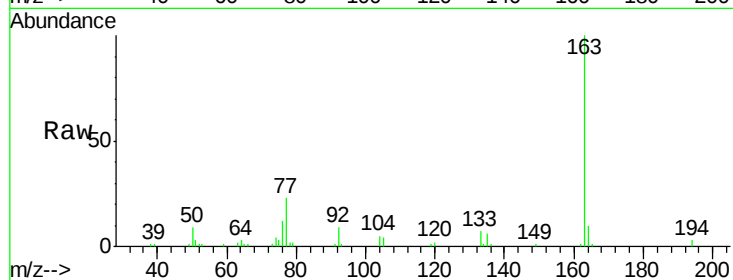
Tgt Ion:163 Resp: 66184

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

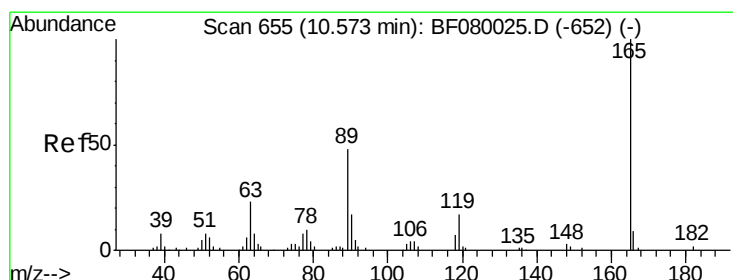
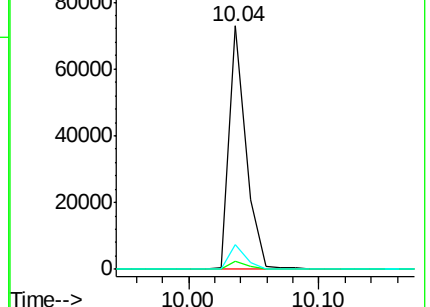
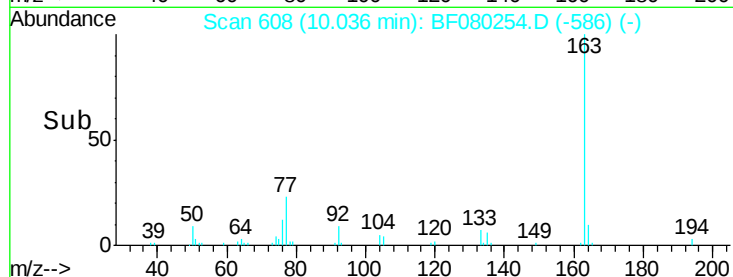
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.56 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.21 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Tgt Ion:165 Resp: 8886

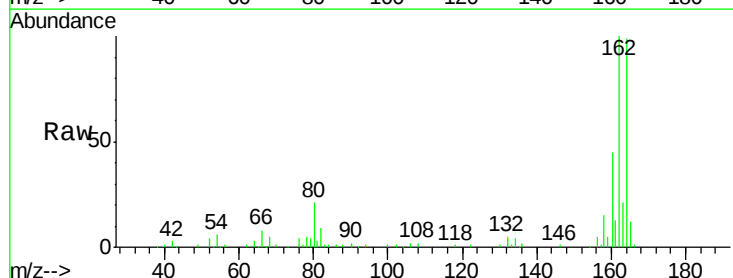
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

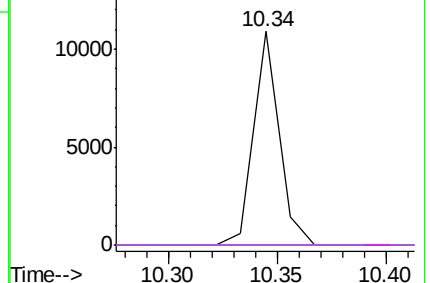
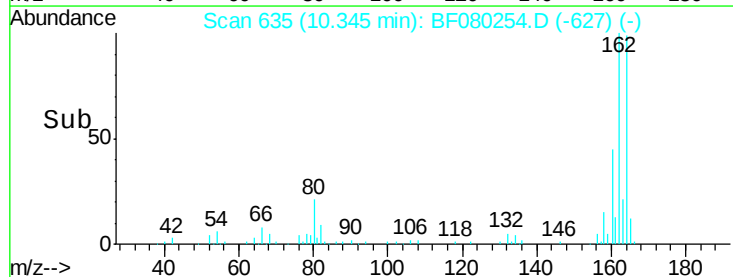


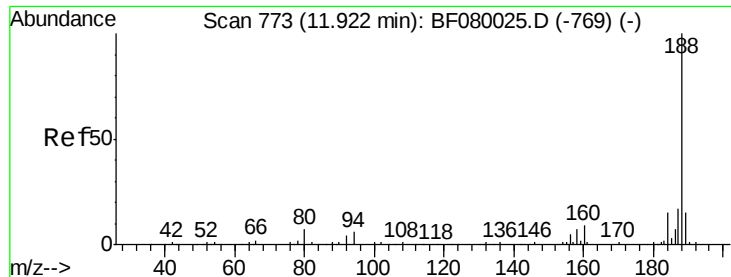
Abundance Ion 165.00 (164.70 to 165.70): E

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

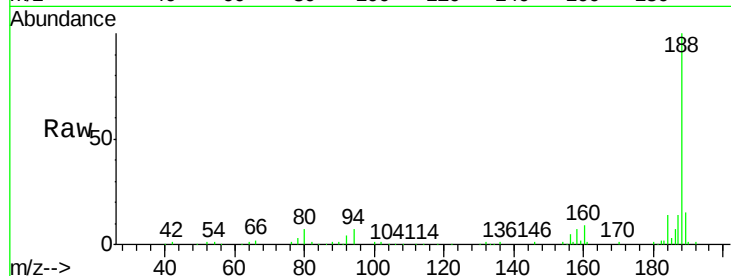




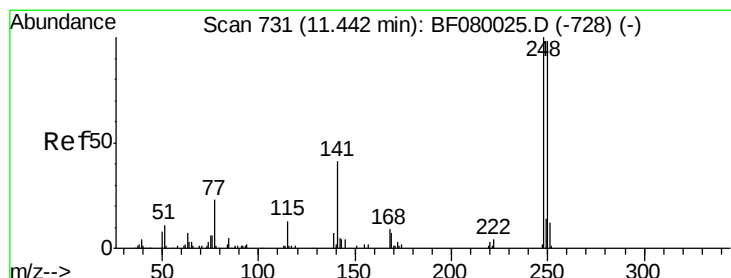
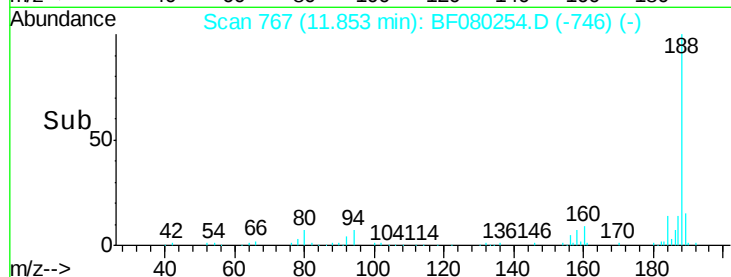
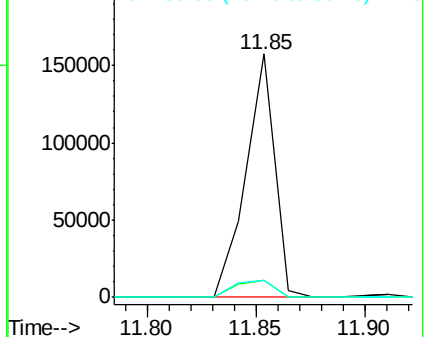
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.85 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF080254.D
Acq: 1 Jul 2015 1:46

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(4FT)-062915

Tgt Ion:188 Resp: 145340
Ion Ratio Lower Upper
188 100
94 7.0 11.1 16.7#
80 7.2 11.0 16.4#

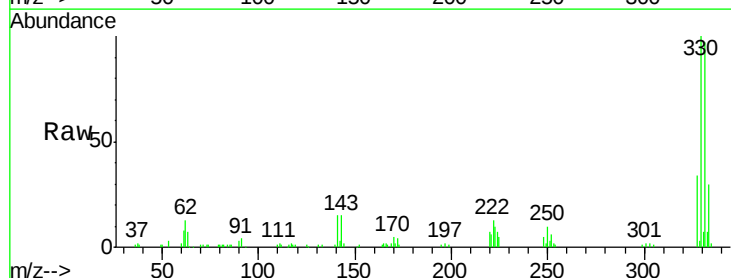


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

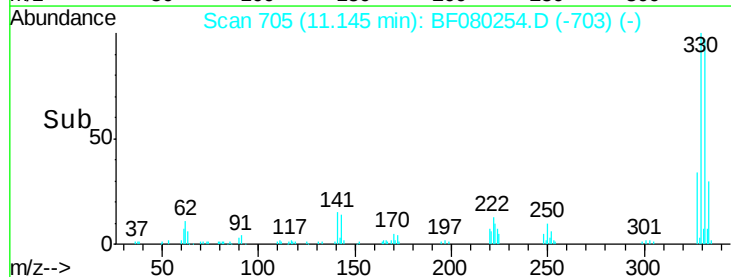
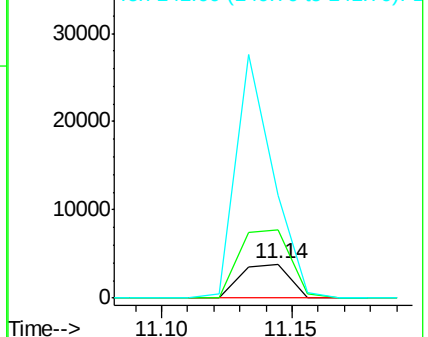


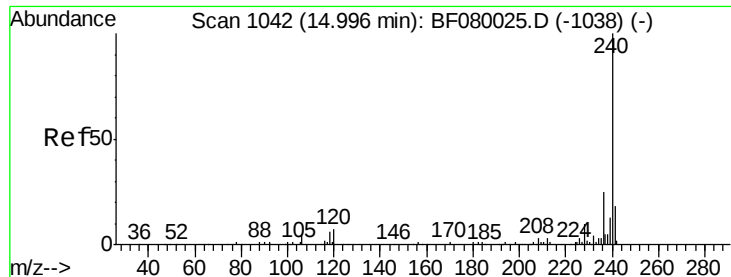
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080254.D
Acq: 1 Jul 2015 1:46

Tgt Ion:248 Resp: 5109
Ion Ratio Lower Upper
248 100
250 200.6 78.5 117.7#
141 299.8 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: 14.79 min Scan# 1024

Delta R.T. -0.21 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST(4FT)-062915

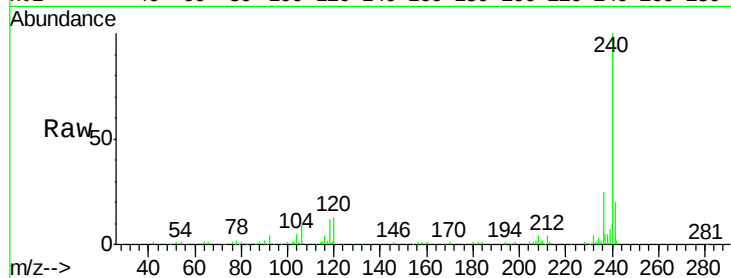
Tgt Ion:240 Resp: 148047

Ion Ratio Lower Upper

240 100

120 13.2 16.2 24.2#

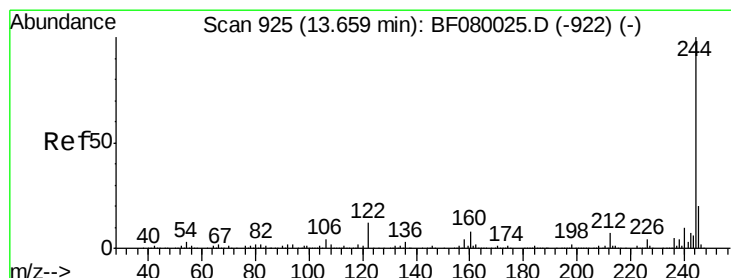
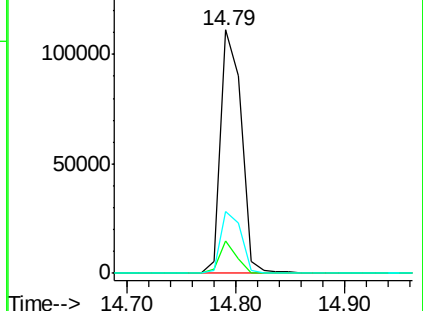
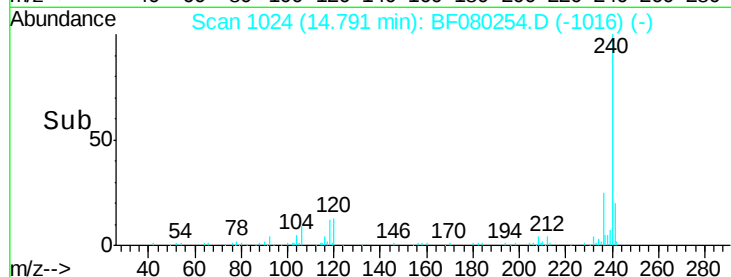
236 25.2 18.4 27.6



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: 74.40 ng

RT: 13.53 min Scan# 914

Delta R.T. -0.14 min

Lab File: BF080254.D

Acq: 1 Jul 2015 1:46

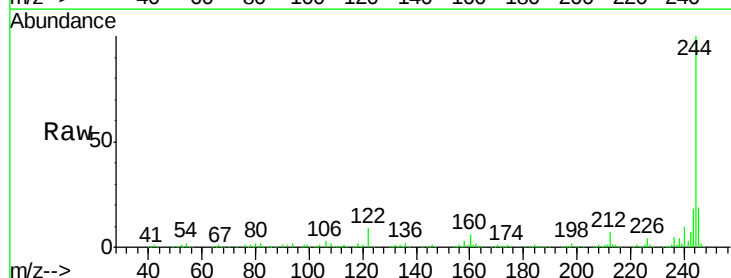
Tgt Ion:244 Resp: 471630

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

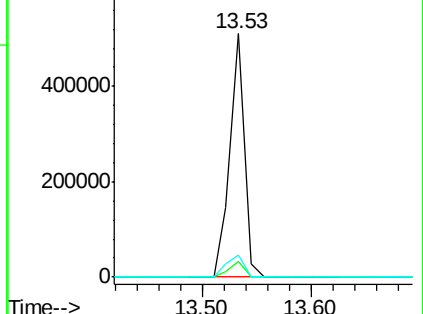
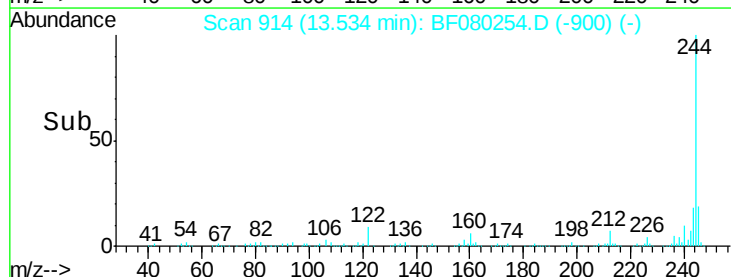
122 9.3 17.4 26.2#

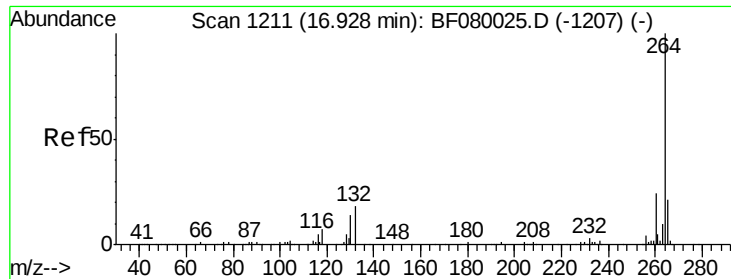


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.65 min Scan# 1187
Delta R.T. -0.27 min
Lab File: BF080254.D
Acq: 1 Jul 2015 1:46

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST(4FT)-062915

Tgt Ion: 264 Resp: 138357
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.3 17.2 25.8

