

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080550.D
 Acq On : 17 Jul 2015 23:20
 Operator : TP/UM
 Sample : G2996-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-EAST-WALL1-071415

Quant Time: Jul 18 01:03:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

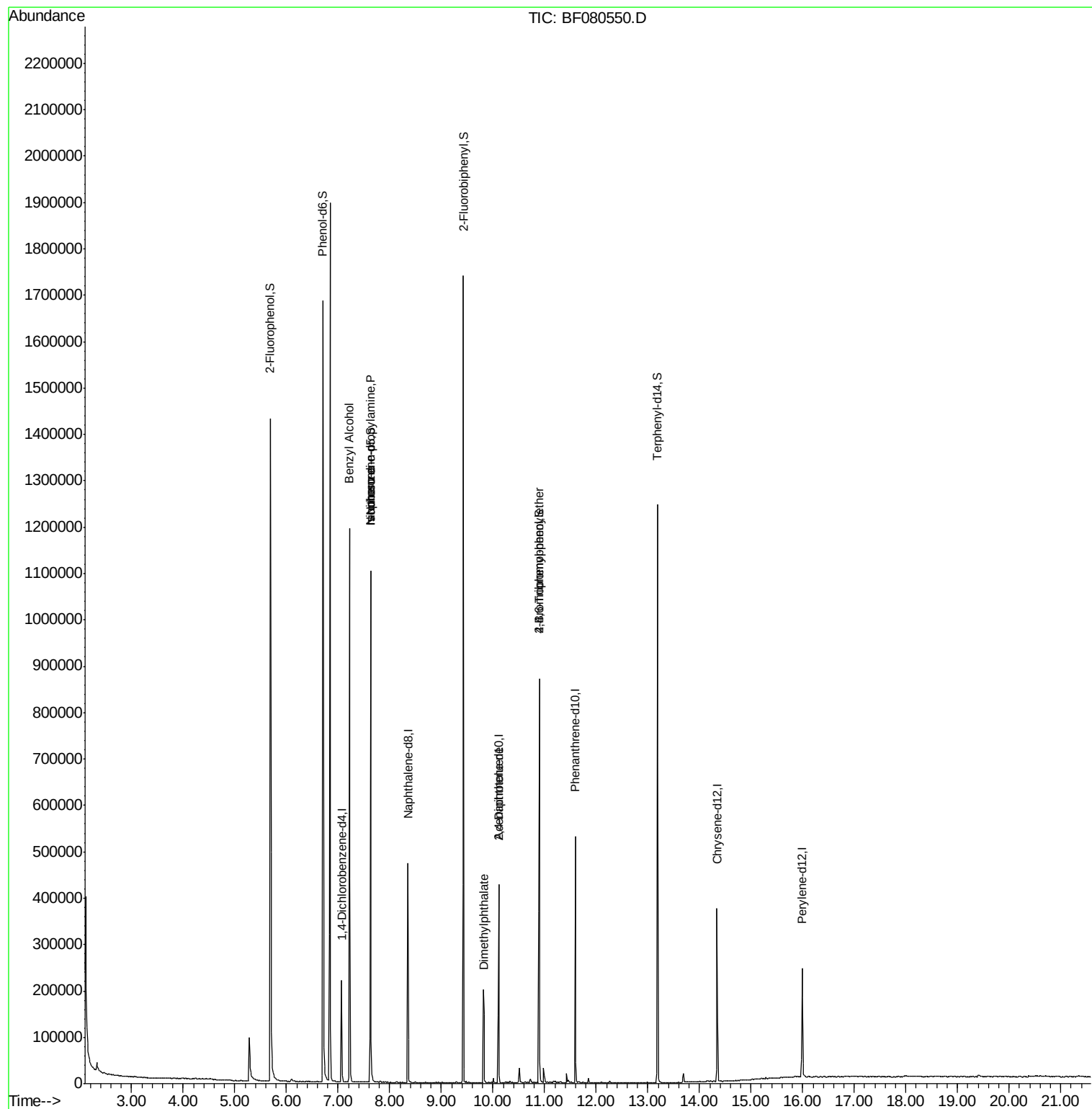
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	49735	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	201247	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	85873	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	177540	20.00	ng	0.00
75) Chrysene-d12	14.34	240	141045	20.00	ng	-0.01
86) Perylene-d12	15.99	264	126998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	417235	130.80	ng	0.00
7) Phenol-d6	6.70	99	509644	140.39	ng	0.00
23) Nitrobenzene-d5	7.63	82	294057	93.16	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	113164	147.27	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	526458	86.11	ng	0.00
78) Terphenyl-d14	13.19	244	460266	72.87	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.22	79	4792	2.07	ng	# 47
19) n-Nitroso-di-n-propylamine	7.63	70	37858	21.23	ng	# 80
25) Isophorone	7.63	82	294050	48.80	ng	# 65
49) Dimethylphthalate	9.82	163	109964	19.24	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	1077	Below Cal	#	48
56) 2,4-Dinitrotoluene	10.11	165	11137	9.02	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.90	198	234	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.90	248	7403	4.55	ng	# 1
73) Di-n-butylphthalate	12.14	149	1020	Below Cal	#	79
83) Bis(2-ethylhexyl)phthalate	14.29	149	255	Below Cal	#	56

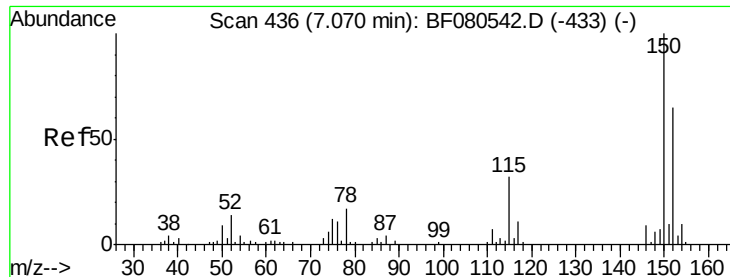
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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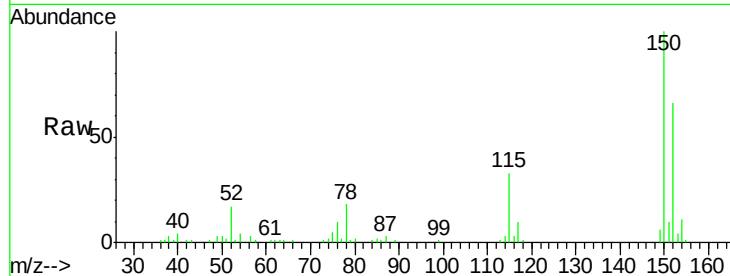


#1

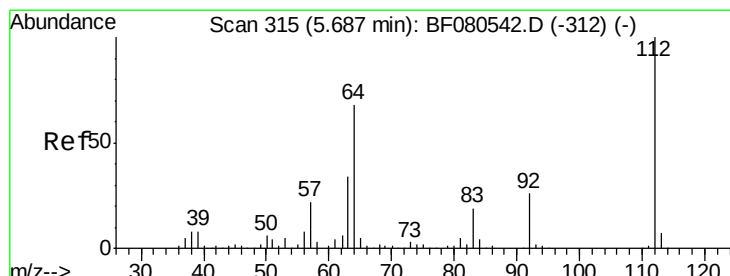
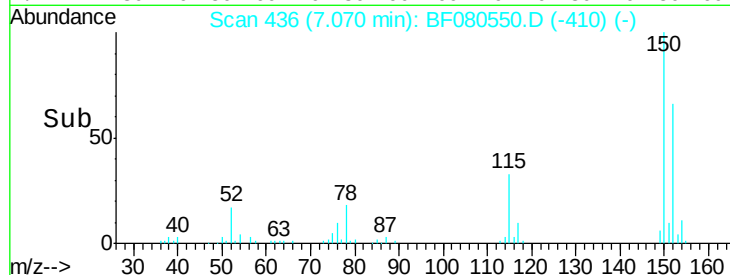
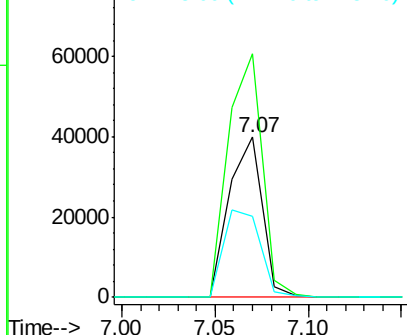
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

Instrument :
BNA_F
ClientSampleId :
SOUTH-EAST-WALL1-071415

Tot Ion:152 Resp: 49735
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.4
115 50.5 39.9 59.9



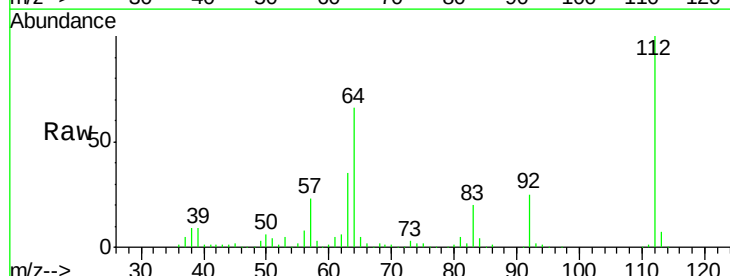
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



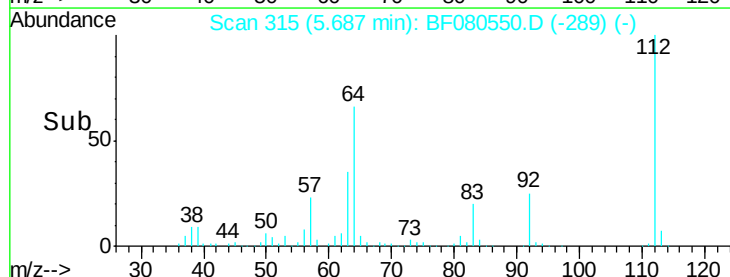
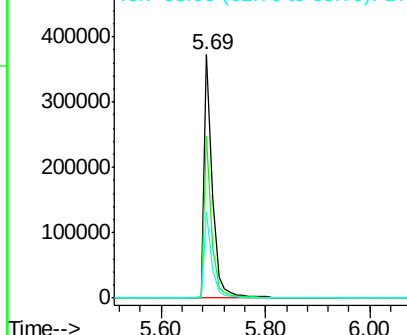
#5

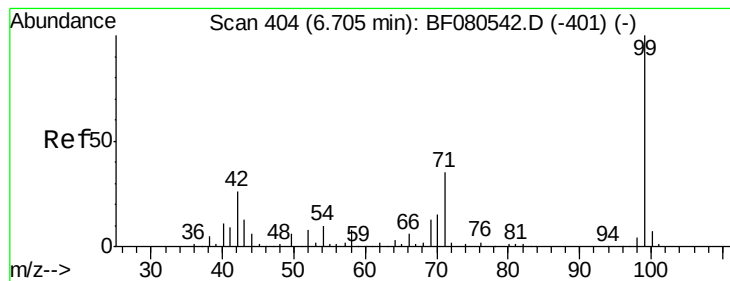
2-Fluorophenol
Concen: 130.80 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

Tgt Ion:112 Resp: 417235
Ion Ratio Lower Upper
112 100
64 66.2 54.1 81.1
63 35.4 27.6 41.4



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: 140.39 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-EAST-WALL1-071415

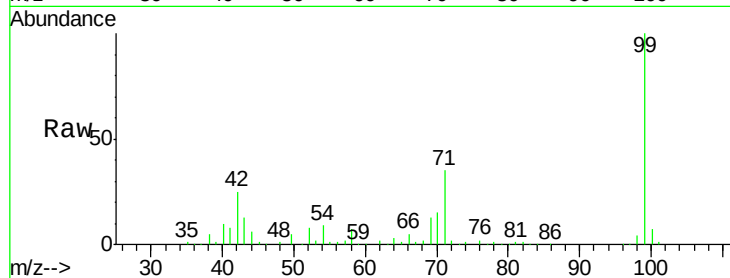
Tot Ion: 99 Resp: 509644

Ion Ratio Lower Upper

99 100

42 25.3 21.0 31.4

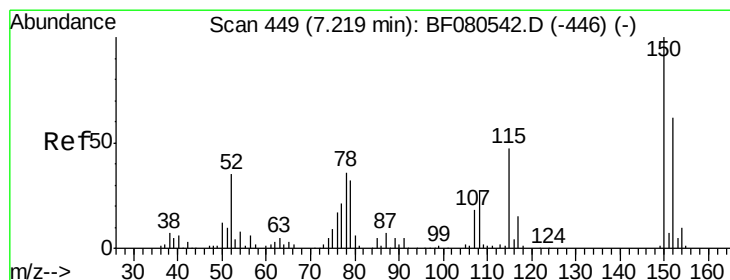
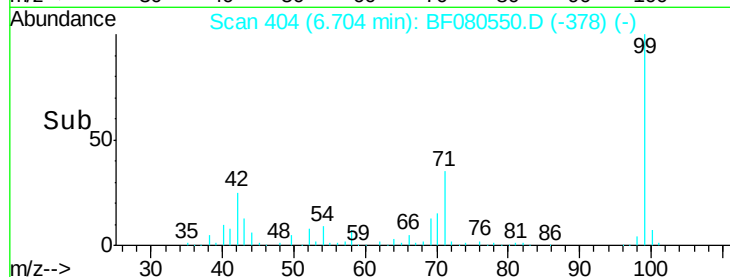
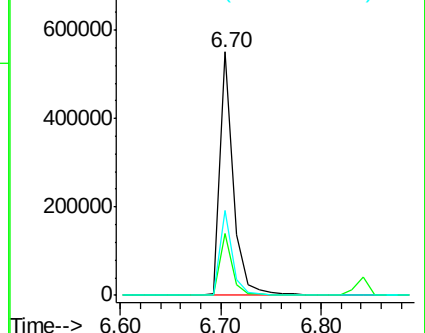
71 35.0 28.4 42.6



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

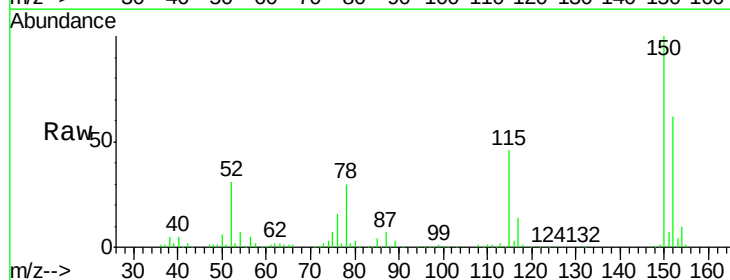
Tgt Ion: 79 Resp: 4792

Ion Ratio Lower Upper

79 100

108 40.8 67.8 101.6#

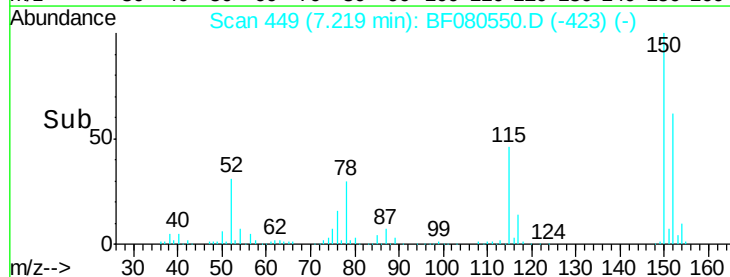
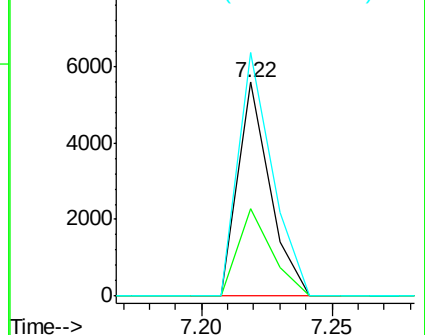
77 113.8 52.9 79.3#

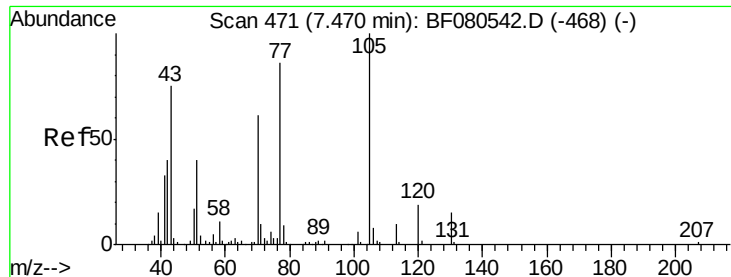


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

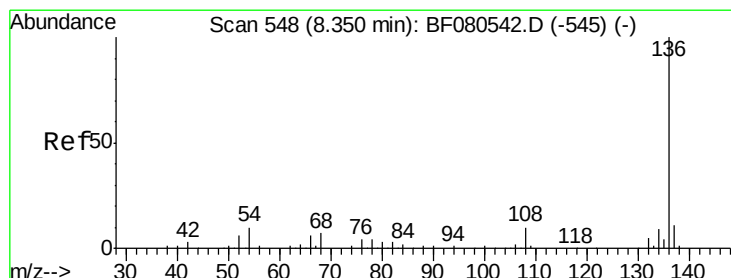
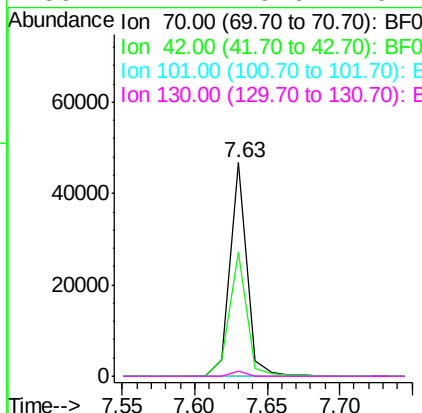
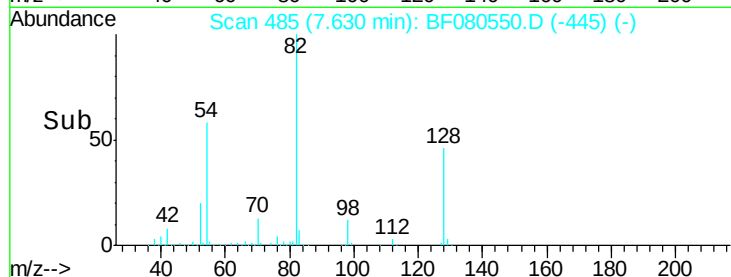
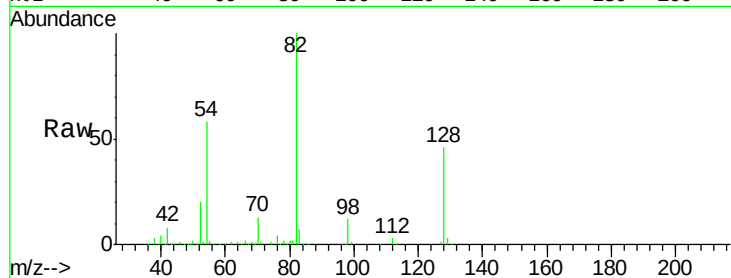




#19
n-Nitroso-di-n-propylamine
Concen: 21.23 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.16 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

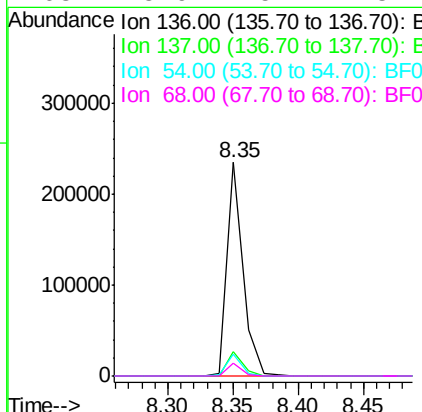
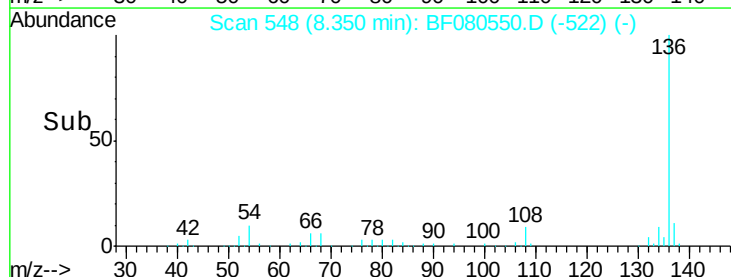
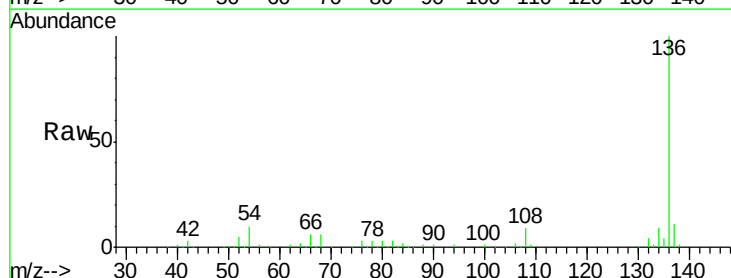
Instrument :
BNA_F
ClientSampleId :
SOUTH-EAST-WALL1-071415

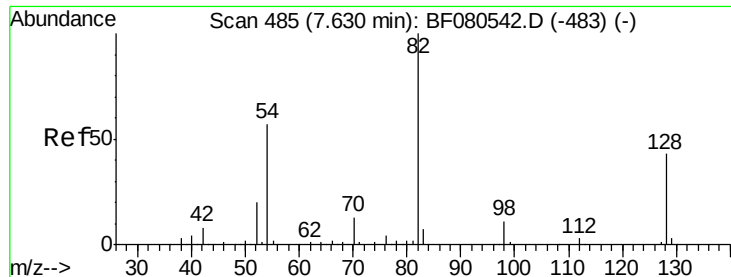
Tot Ion: 70 Resp: 37858
Ion Ratio Lower Upper
70 100
42 58.2 52.6 78.8
101 0.0 8.3 12.5#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

Tgt Ion:136 Resp: 201247
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.9 8.3 12.5
68 5.9 5.4 8.2

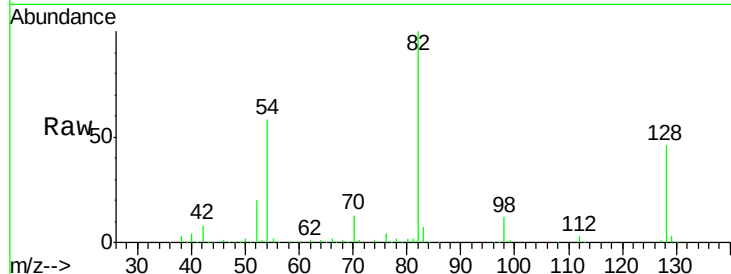




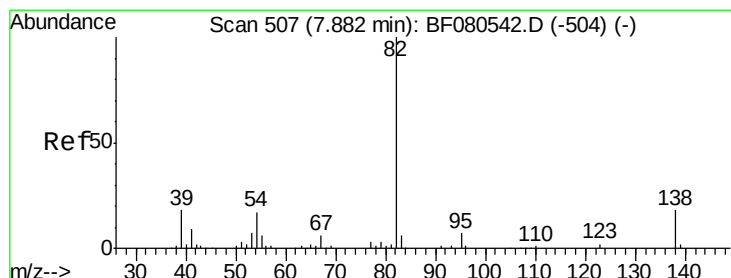
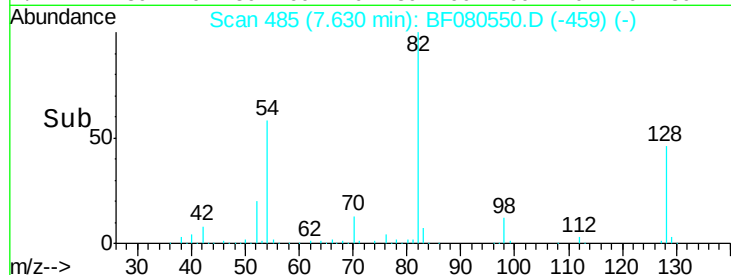
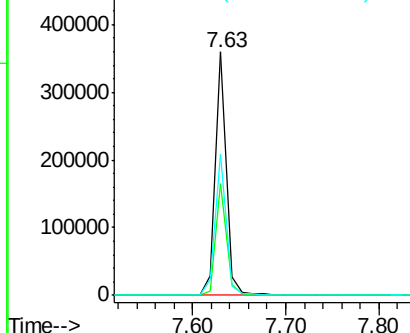
#23
 Nitrobenzene-d5
 Concen: 93.16 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-EAST-WALL1-071415

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	57.8	45.8	68.6

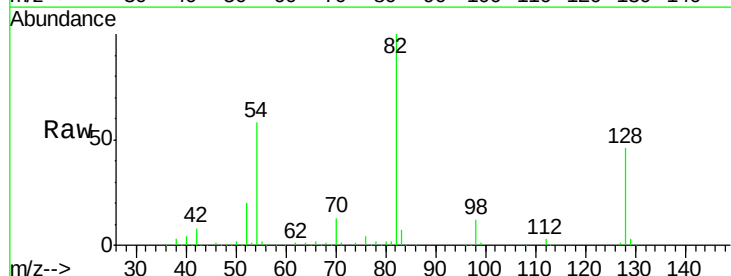


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

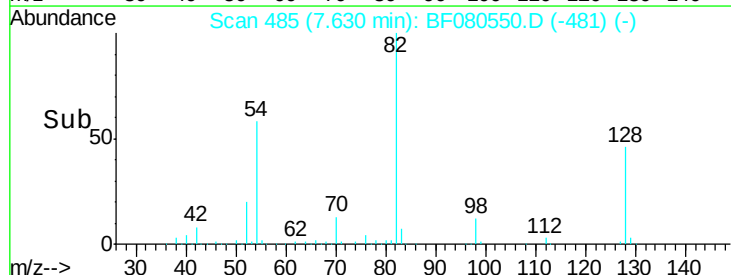
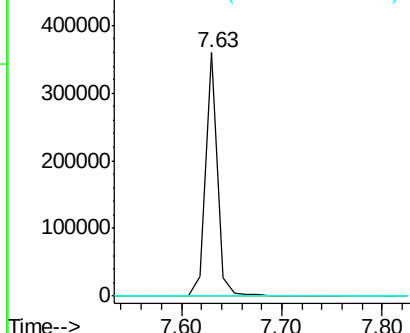


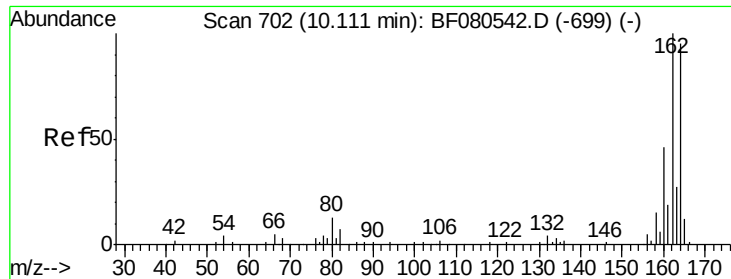
#25
 Isophorone
 Concen: 48.80 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.25 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.7	22.1#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-EAST-WALL1-071415

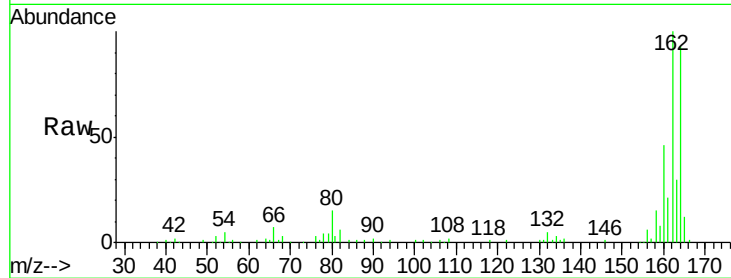
Tot Ion:164 Resp: 85873

Ion Ratio Lower Upper

164 100

162 107.1 84.1 126.1

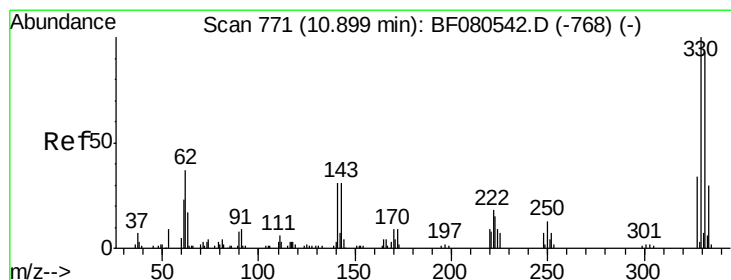
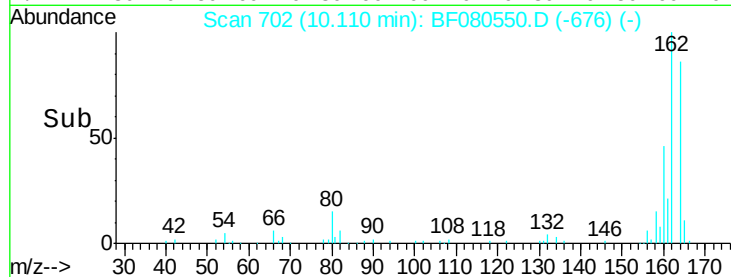
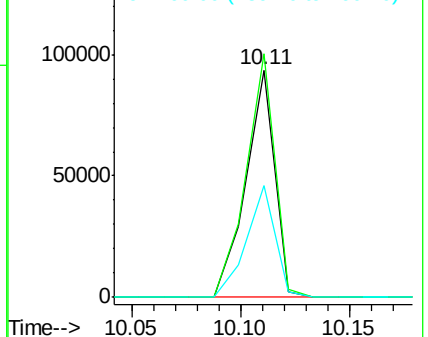
160 48.9 38.8 58.2



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: 147.27 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

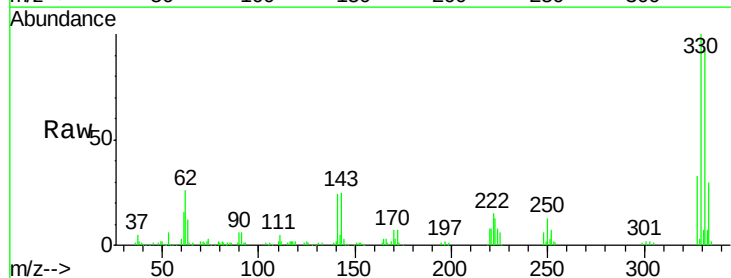
Tgt Ion:330 Resp: 113164

Ion Ratio Lower Upper

330 100

332 93.6 74.3 111.5

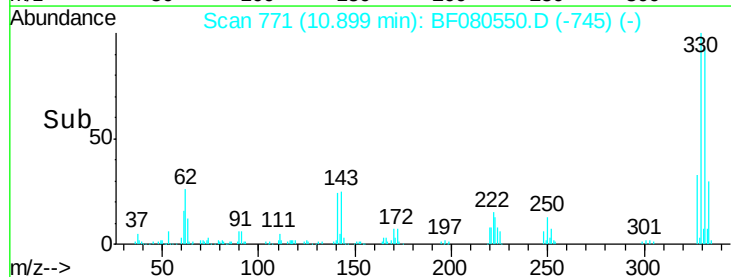
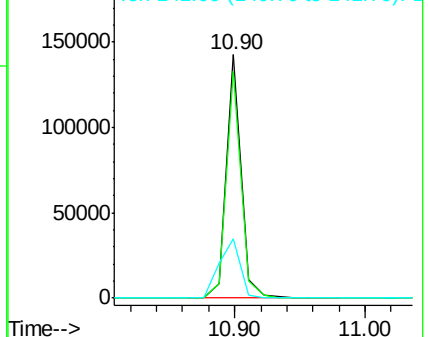
141 34.9 29.0 43.4

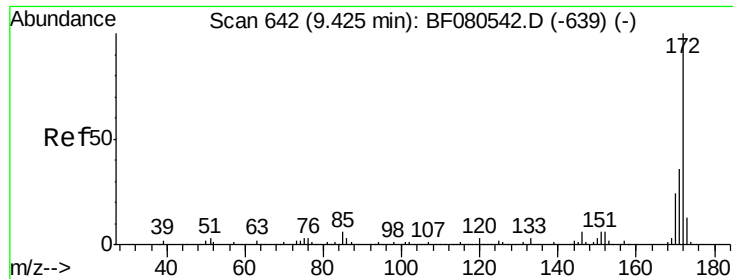


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

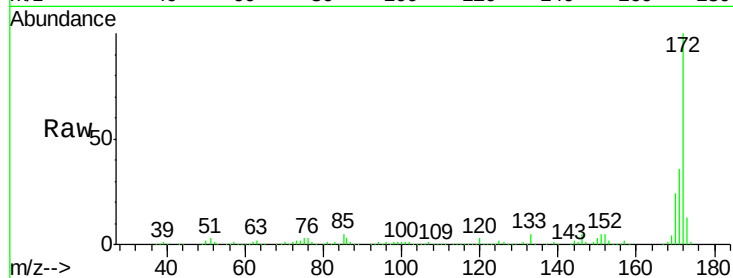




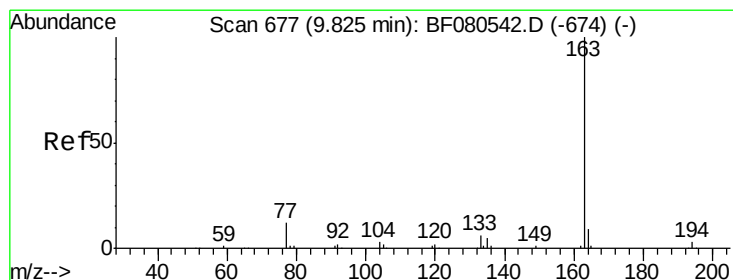
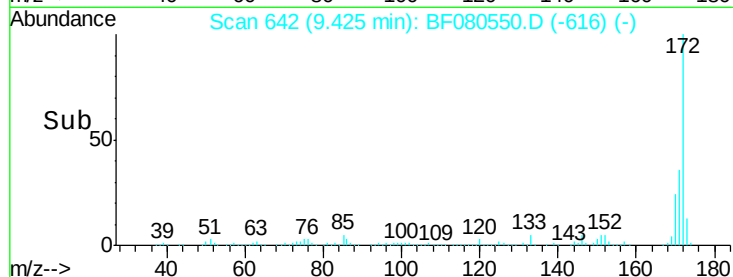
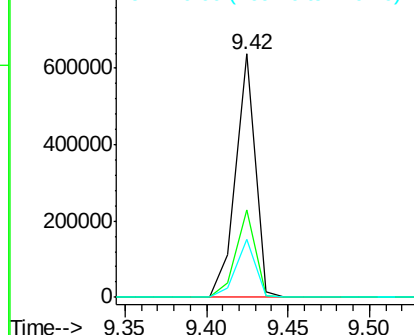
#44
2-Fluorobiphenyl
Concen: 86.11 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

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Tot Ion:172 Resp: 526458
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 19.0 28.4

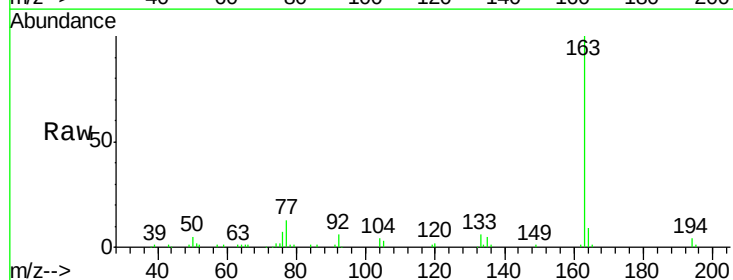


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

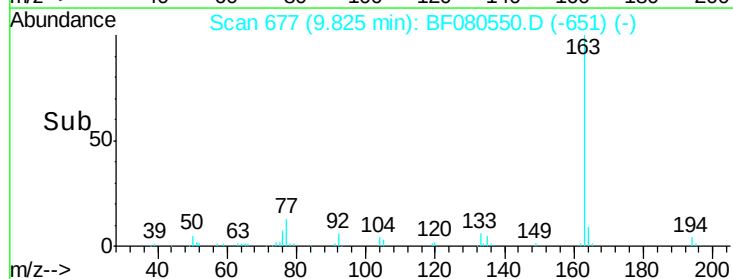
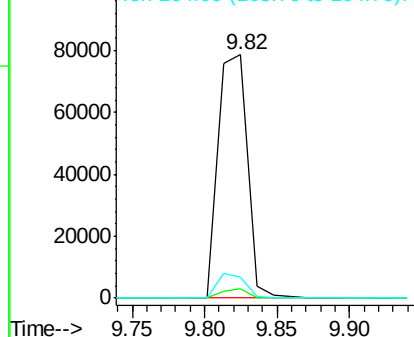


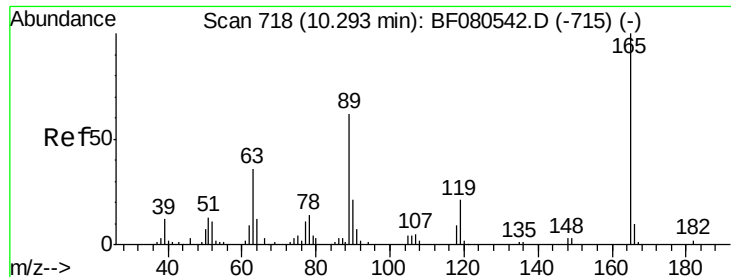
#49
Dimethylphthalate
Concen: 19.24 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080550.D
Acq: 17 Jul 2015 23:20

Tgt Ion:163 Resp: 109964
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 8.8 7.4 11.2



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

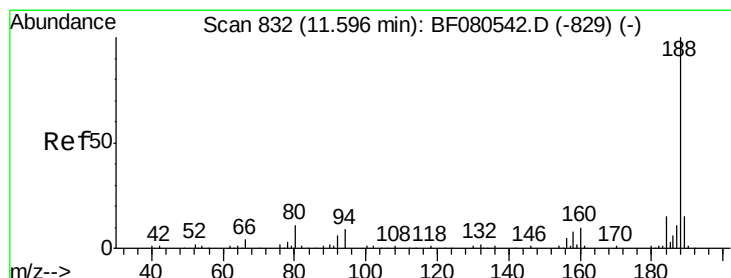
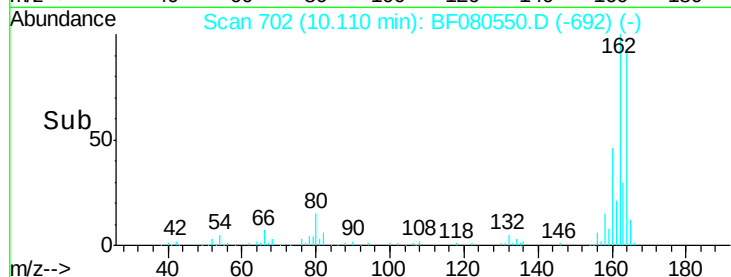
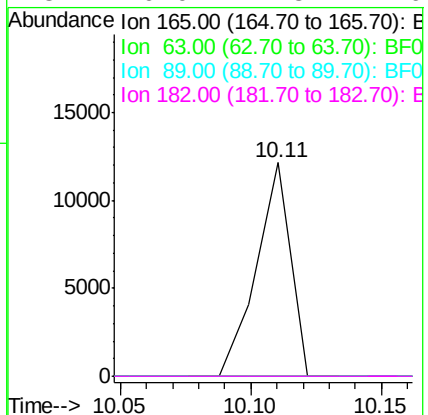
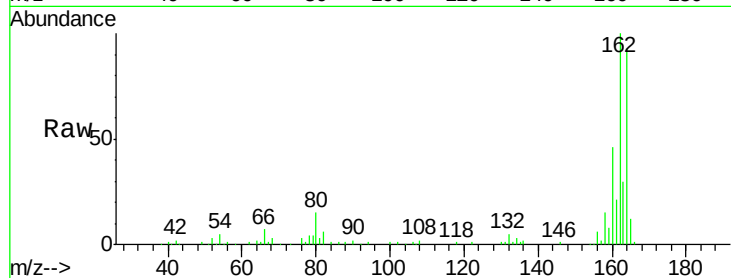




#56
 2,4-Dinitrotoluene
 Concen: 9.02 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.18 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

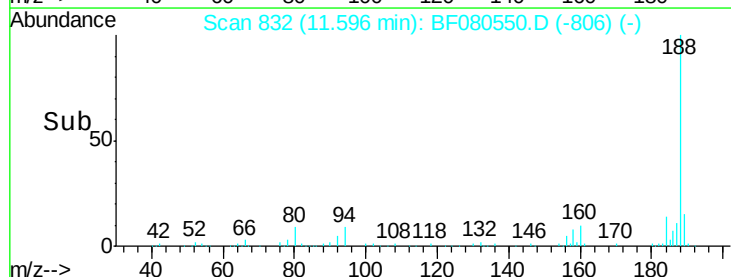
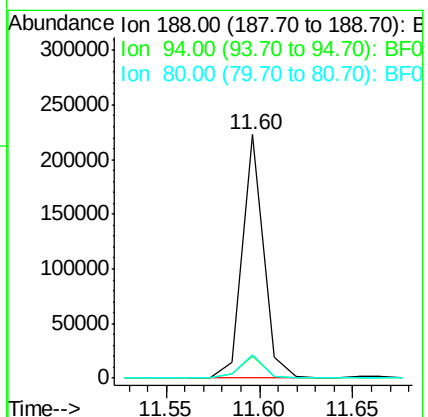
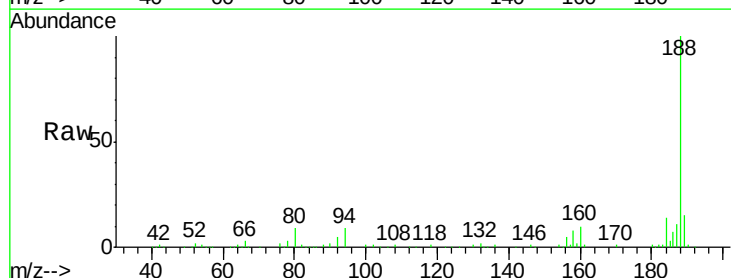
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-EAST-WALL1-071415

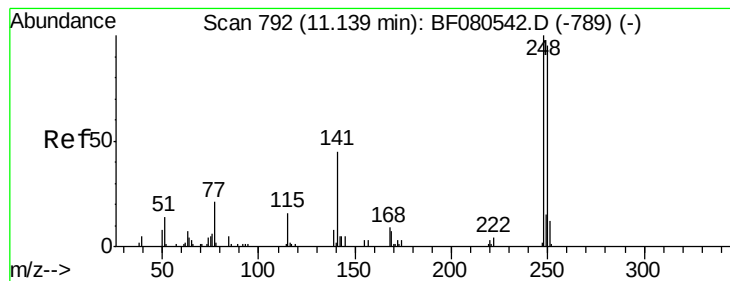
Tot Ion:165	Resp:	11137
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.2 45.4#
89	0.0	49.9 74.9#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

Tgt Ion:188	Resp:	177540
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.6 11.4
80	9.4	8.6 12.8





#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.24 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-EAST-WALL1-071415

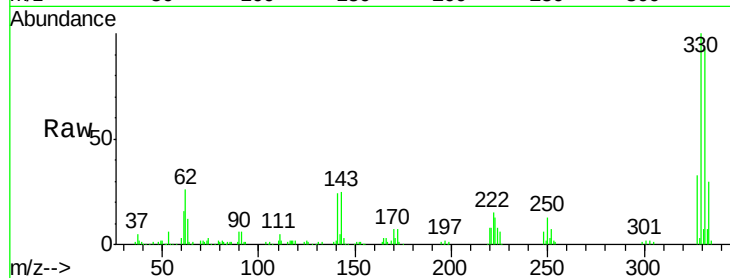
Tot Ion:248 Resp: 7403

Ion Ratio Lower Upper

248 100

250 206.2 76.4 114.6#

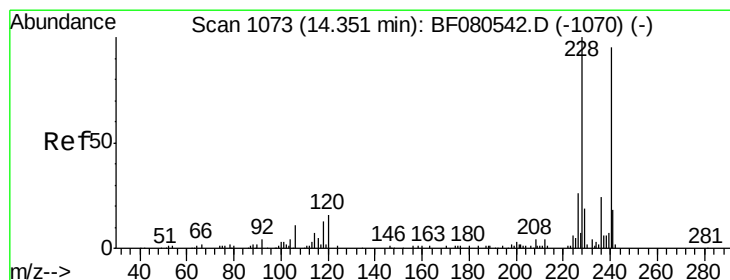
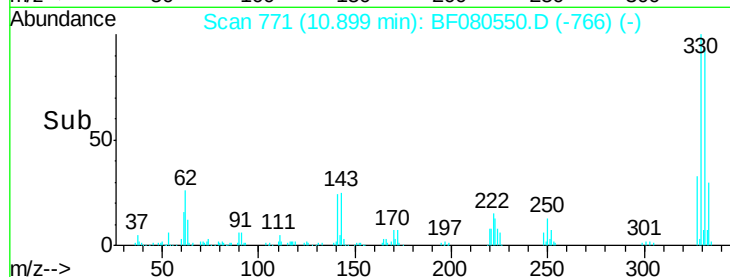
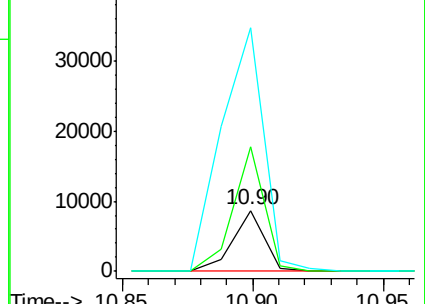
141 401.2 36.0 54.0#



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: 14.34 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF080550.D

Acq: 17 Jul 2015 23:20

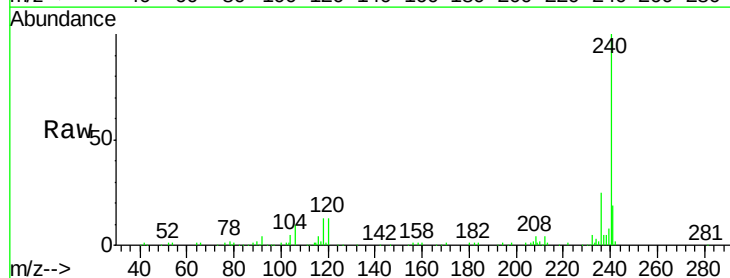
Tgt Ion:240 Resp: 141045

Ion Ratio Lower Upper

240 100

120 13.3 13.6 20.4#

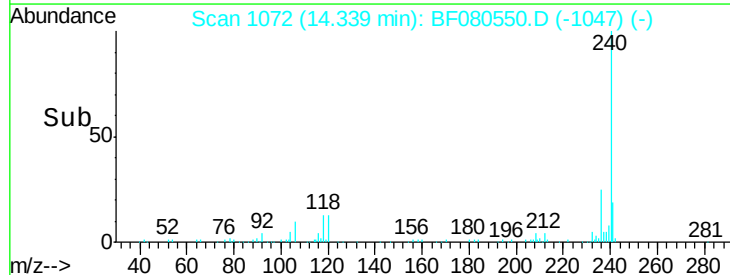
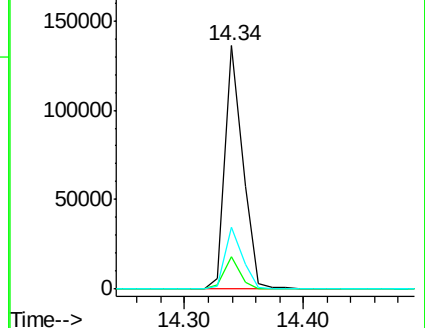
236 25.4 20.2 30.4

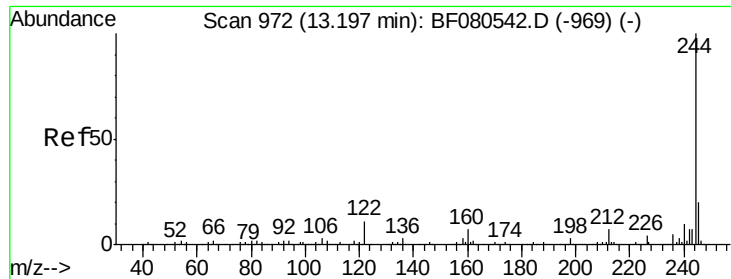


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

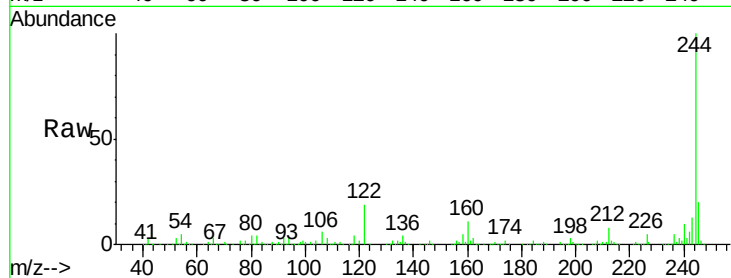




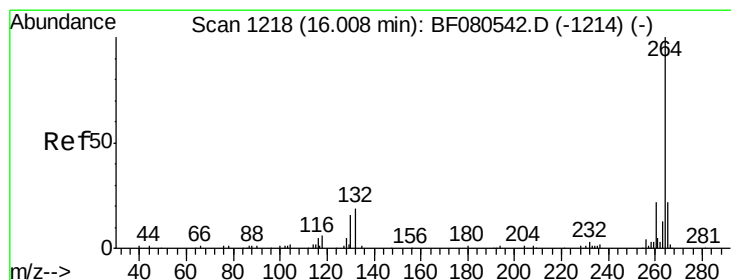
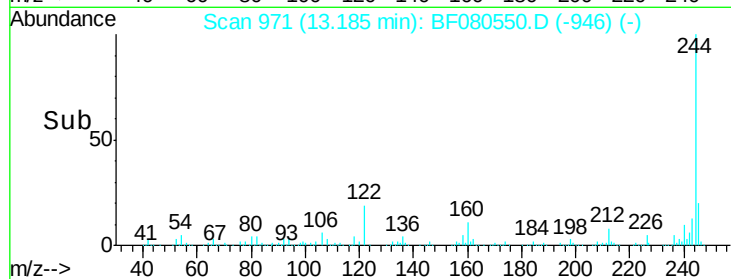
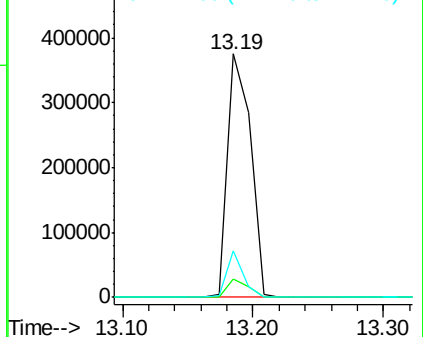
#78
 Terphenyl-d14
 Concen: 72.87 ng
 RT: 13.19 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-EAST-WALL1-071415

Tot Ion:244 Resp: 460266
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 18.8 9.0 13.4#

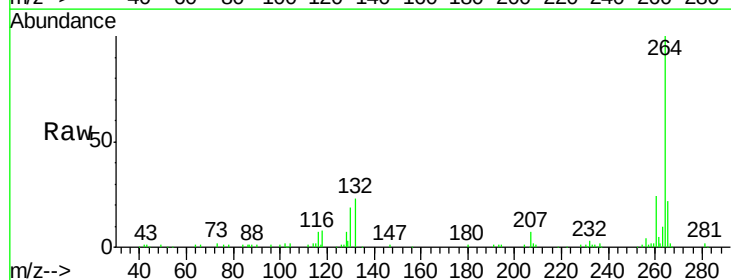


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF080550.D
 Acq: 17 Jul 2015 23:20

Tgt Ion:264 Resp: 126998
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.8
 265 22.3 17.2 25.8



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

