

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080546.D
 Acq On : 17 Jul 2015 21:24
 Operator : TP/UM
 Sample : G2992-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8

Quant Time: Jul 18 01:01:57 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

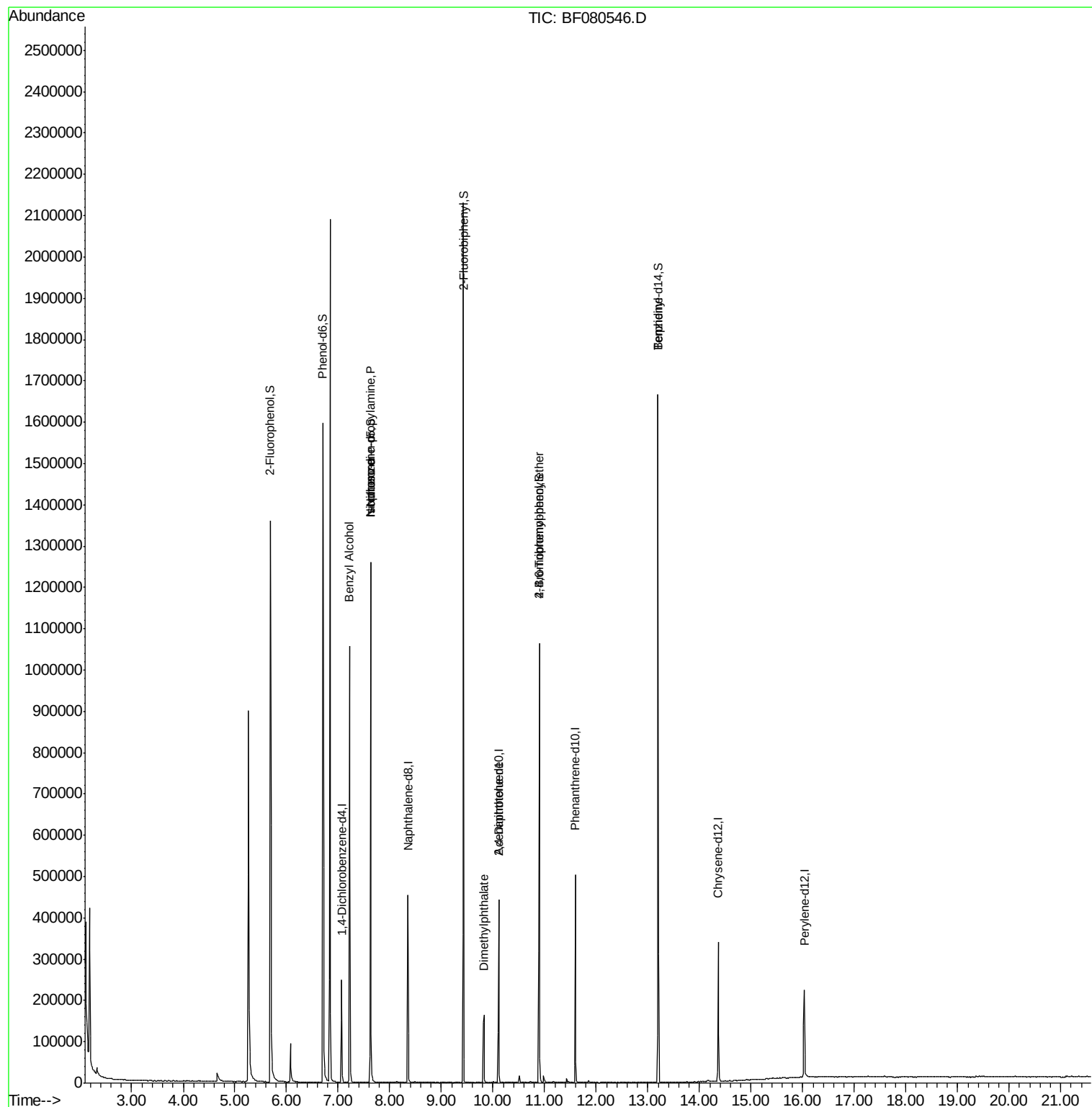
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	47930	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	200932	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	86006	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	169557	20.00	ng	0.00
75) Chrysene-d12	14.36	240	125274	20.00	ng	0.01
86) Perylene-d12	16.03	264	109176	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	438243	142.56	ng	0.00
7) Phenol-d6	6.70	99	533108	152.38	ng	0.00
23) Nitrobenzene-d5	7.63	82	334098	106.01	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	127947	166.25	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	593564	96.93	ng	0.00
78) Terphenyl-d14	13.20	244	484214	86.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.22	79	4700	2.10	ng	# 43
19) n-Nitroso-di-n-propylamine	7.63	70	43173	24.59	ng	# 79
25) Isophorone	7.63	82	334127	55.54	ng	# 65
49) Dimethylphthalate	9.82	163	100484	17.56	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	961	Below Cal	#	44
56) 2,4-Dinitrotoluene	10.11	165	10997	8.93	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.90	198	343	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.90	248	7813	5.03	ng	# 1
73) Di-n-butylphthalate	12.14	149	310	Below Cal	#	79
76) Benzidine	13.20	184	7782	2.32	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.32	149	256	Below Cal	#	56

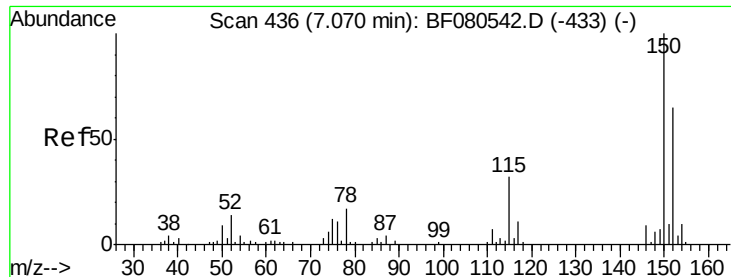
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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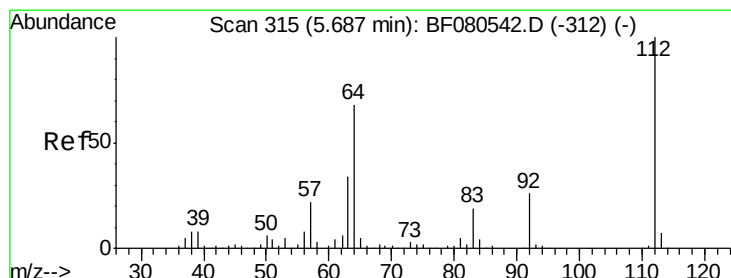
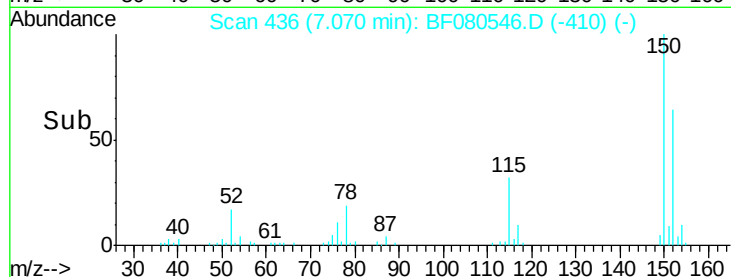
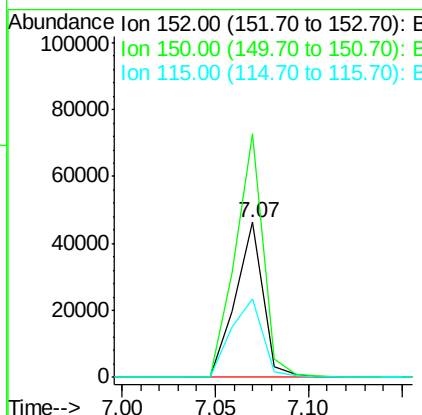
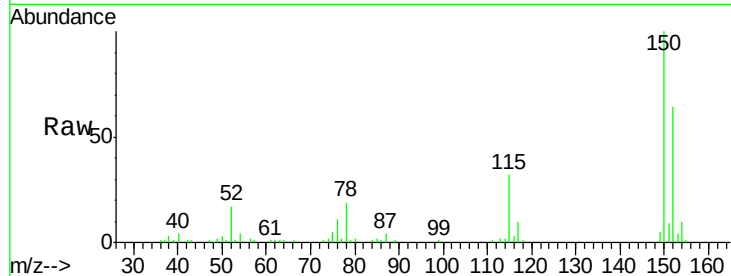


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080546.D
Acq: 17 Jul 2015 21:24

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8

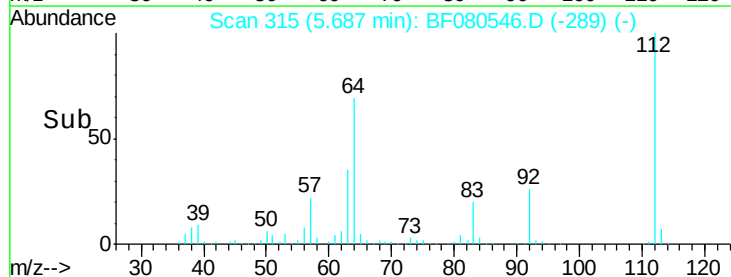
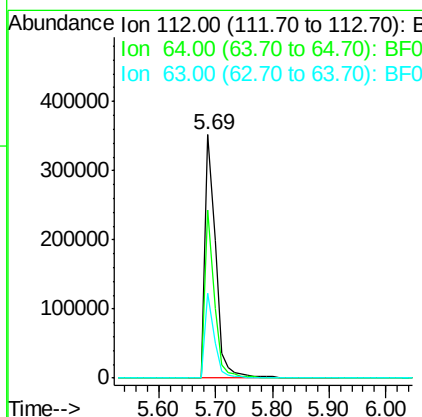
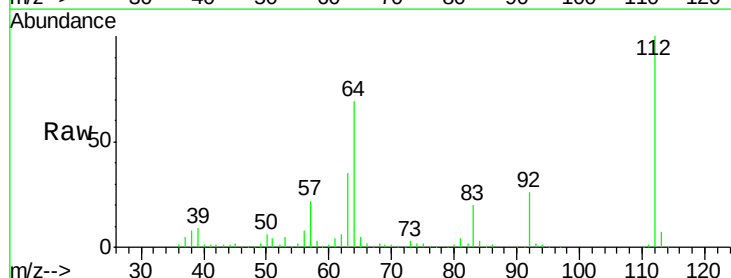
Tot Ion:152 Resp: 47930
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 50.8 39.9 59.9

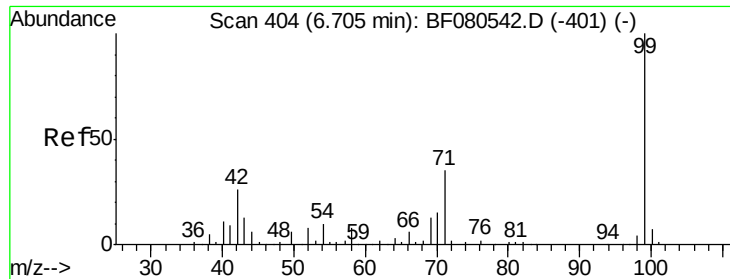


#5

2-Fluorophenol
Concen: 142.56 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080546.D
Acq: 17 Jul 2015 21:24

Tgt Ion:112 Resp: 438243
Ion Ratio Lower Upper
112 100
64 69.0 54.1 81.1
63 35.0 27.6 41.4





#7

Phenol-d6

Concen: 152.38 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8

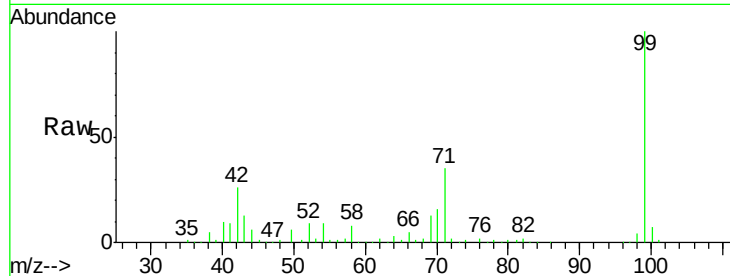
Tot Ion: 99 Resp: 533108

Ion Ratio Lower Upper

99 100

42 25.7 21.0 31.4

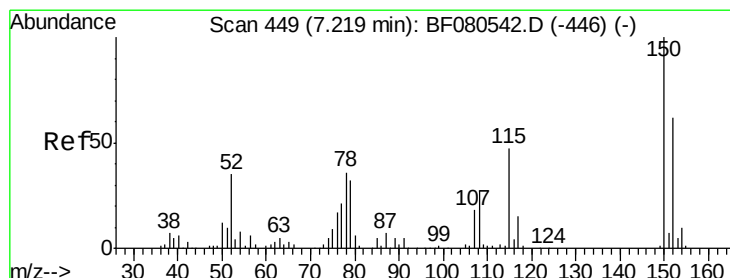
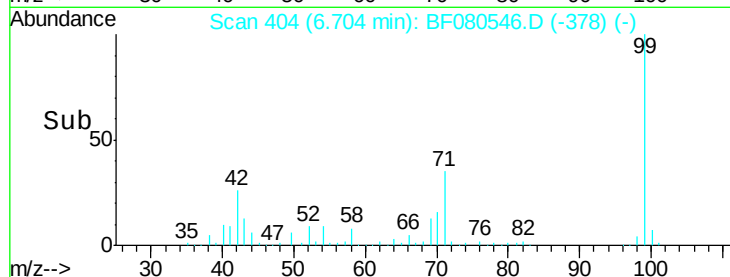
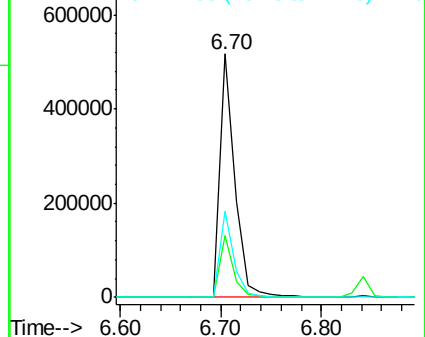
71 35.4 28.4 42.6



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: 2.10 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

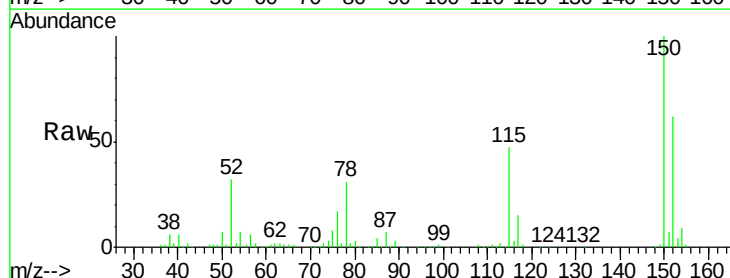
Tgt Ion: 79 Resp: 4700

Ion Ratio Lower Upper

79 100

108 30.5 67.8 101.6#

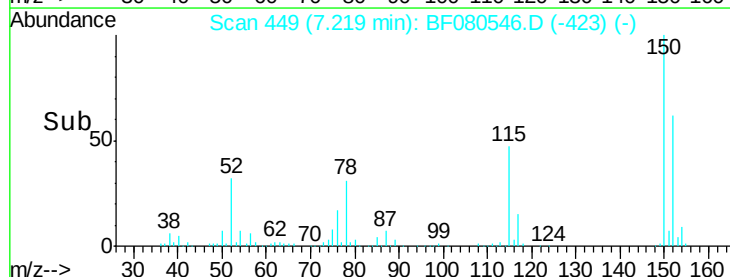
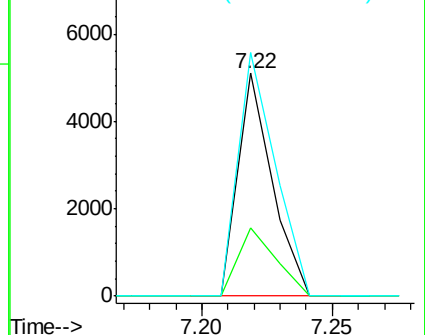
77 109.1 52.9 79.3#

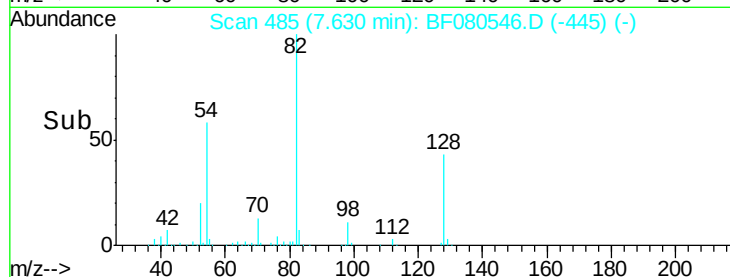
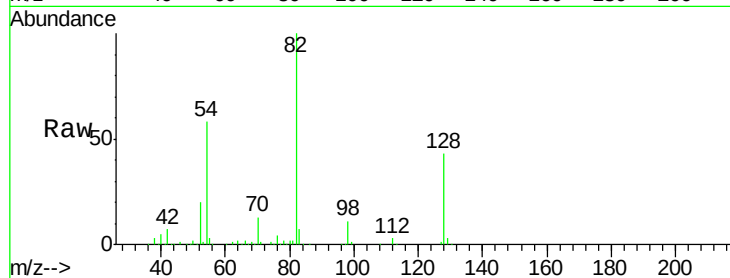
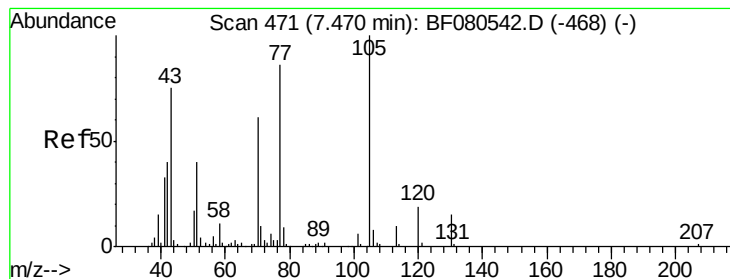


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 24.59 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.16 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8

Tot Ion: 70 Resp: 43173

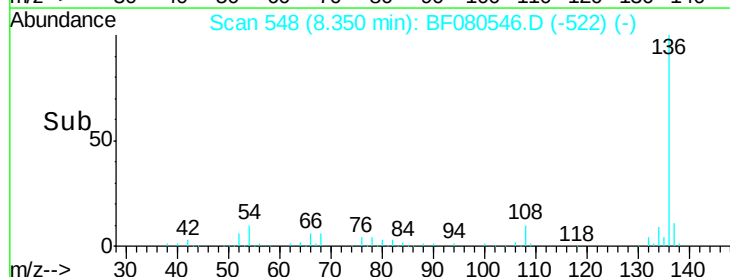
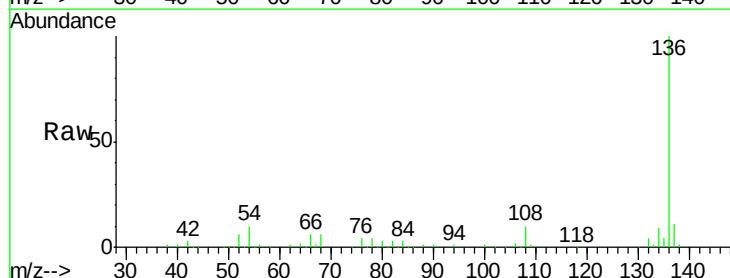
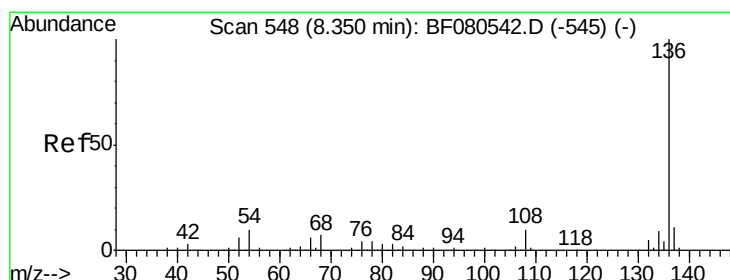
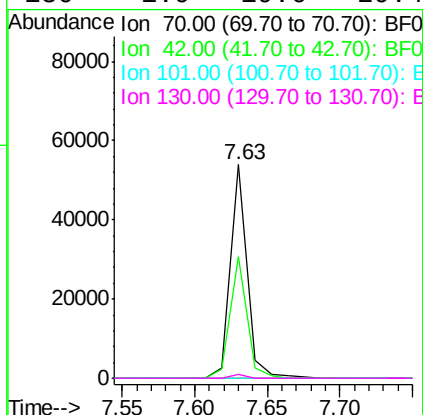
Ion Ratio Lower Upper

70 100

42 56.9 52.6 78.8

101 0.0 8.3 12.5#

130 1.9 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: BF080546.D

Acq: 17 Jul 2015 21:24

Tgt Ion:136 Resp: 200932

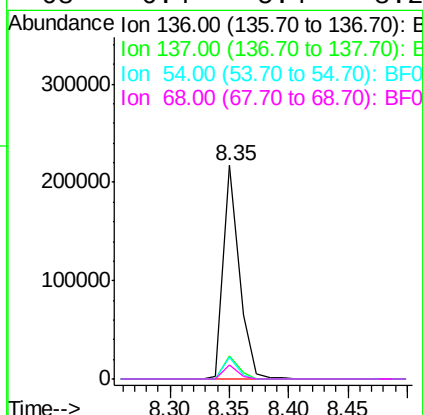
Ion Ratio Lower Upper

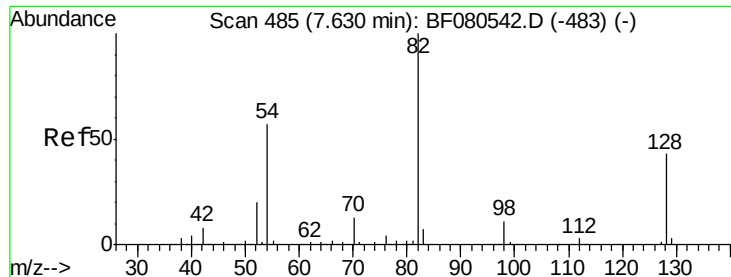
136 100

137 11.0 8.7 13.1

54 10.4 8.3 12.5

68 6.4 5.4 8.2

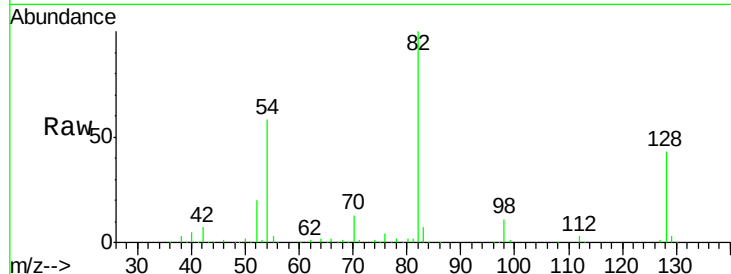




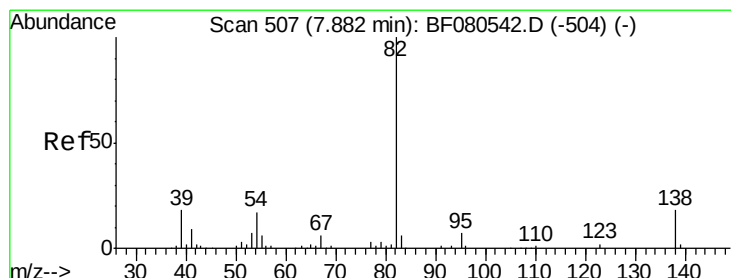
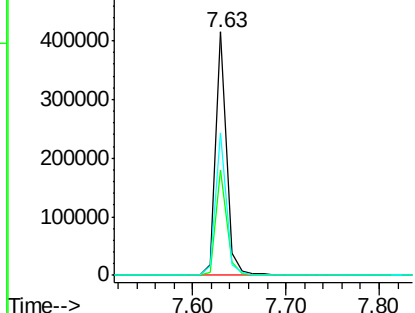
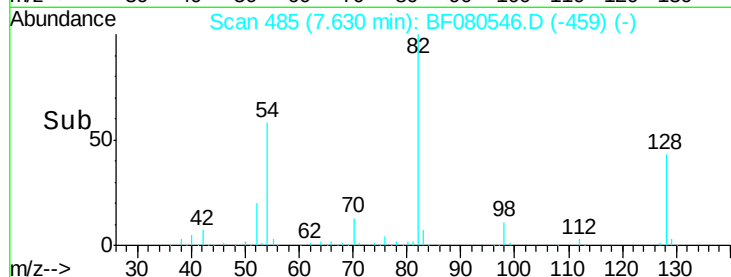
#23
 Nitrobenzene-d5
 Concen: 106.01 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8

Tot Ion	82	Resp	334098
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.6	51.8
54	58.5	45.8	68.6

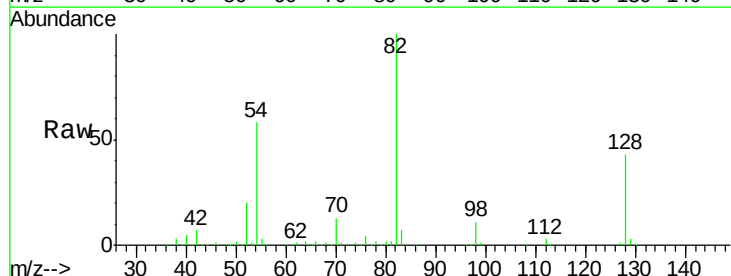


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

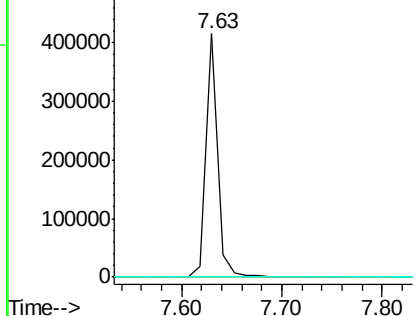
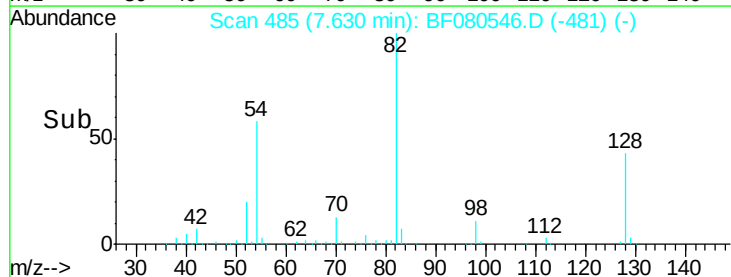


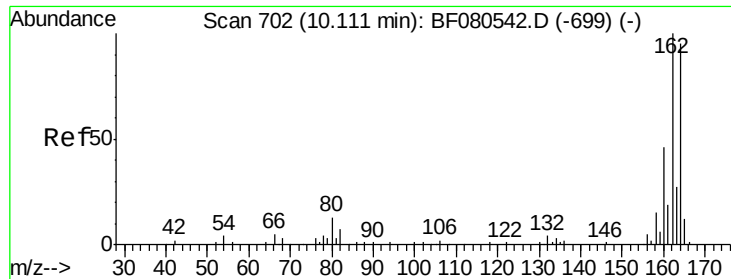
#25
 Isophorone
 Concen: 55.54 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.25 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Tgt Ion	82	Resp	334127
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

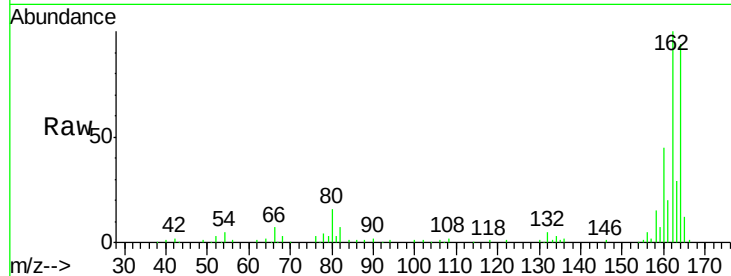




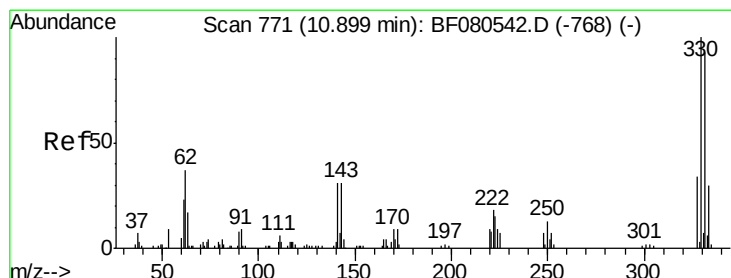
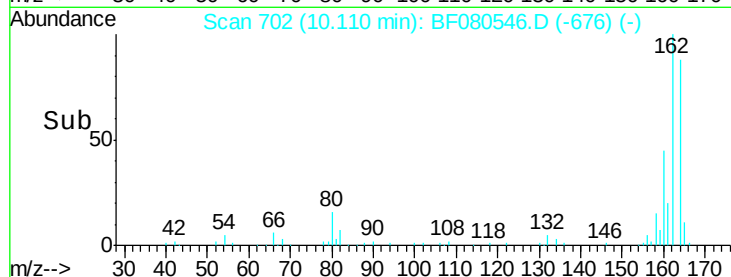
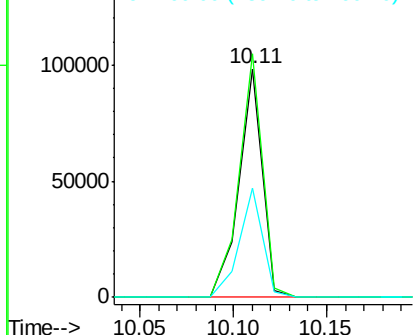
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8

Tot Ion:164 Resp: 86006
 Ion Ratio Lower Upper
 164 100
 162 106.6 84.1 126.1
 160 47.6 38.8 58.2

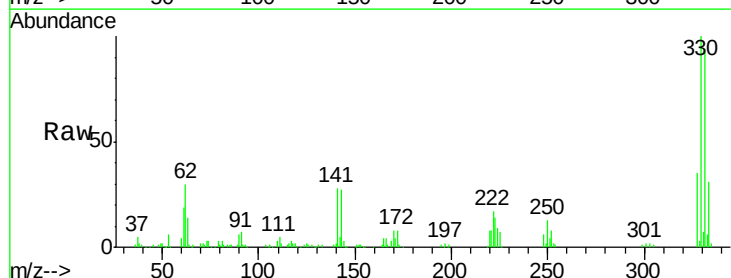


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

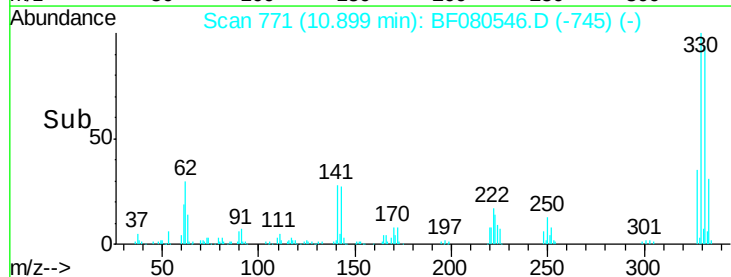
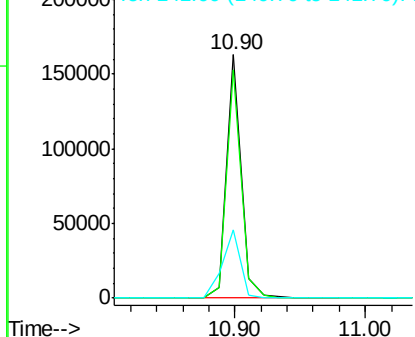


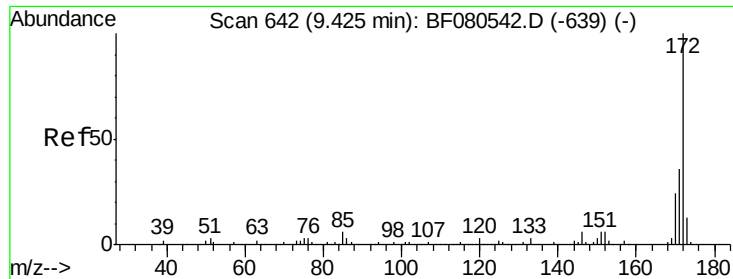
#41
 2,4,6-Tribromophenol
 Concen: 166.25 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Tgt Ion:330 Resp: 127947
 Ion Ratio Lower Upper
 330 100
 332 94.5 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

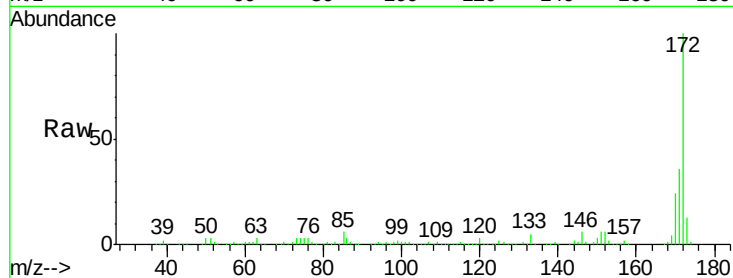




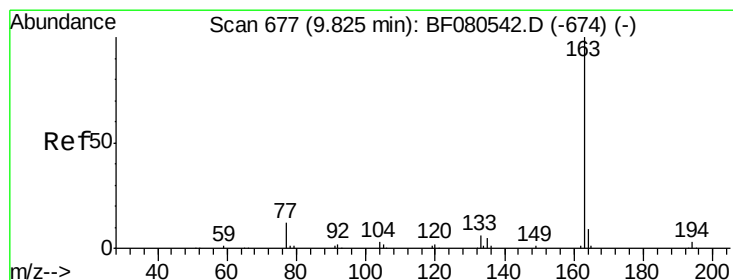
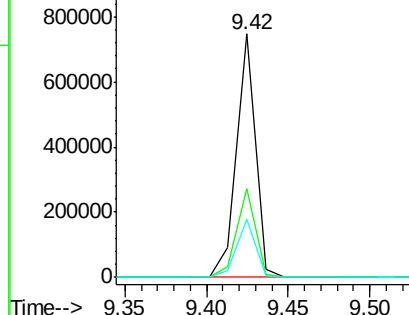
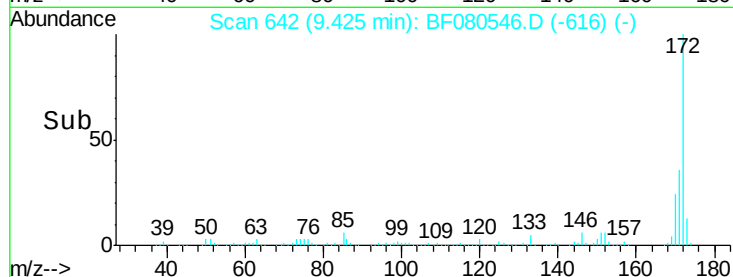
#44
 2-Fluorobiphenyl
 Concen: 96.93 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8

Tot Ion:172 Resp: 593564
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.8 43.2
 170 24.1 19.0 28.4

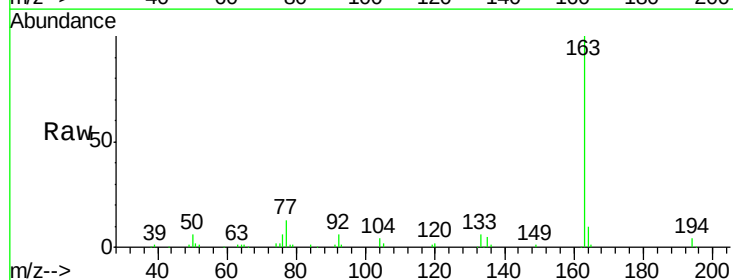


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

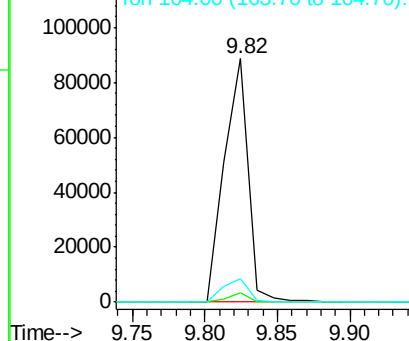
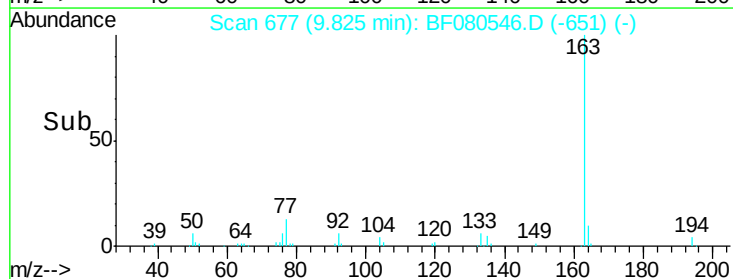


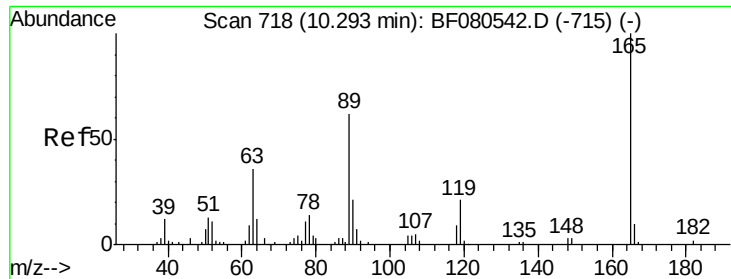
#49
 Dimethylphthalate
 Concen: 17.56 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF080546.D
 Acq: 17 Jul 2015 21:24

Tgt Ion:163 Resp: 100484
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.7 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: 8.93 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.18 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8

Tot Ion:165 Resp: 10997

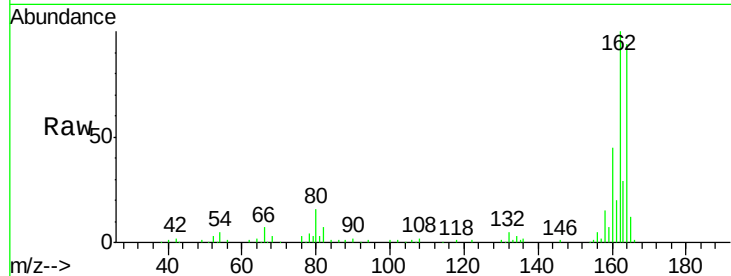
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 49.9 74.9#

182 0.0 1.8 2.6#

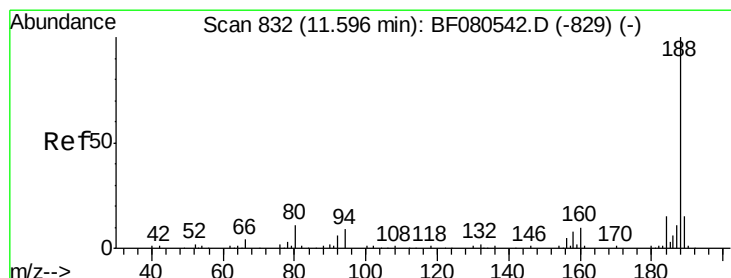
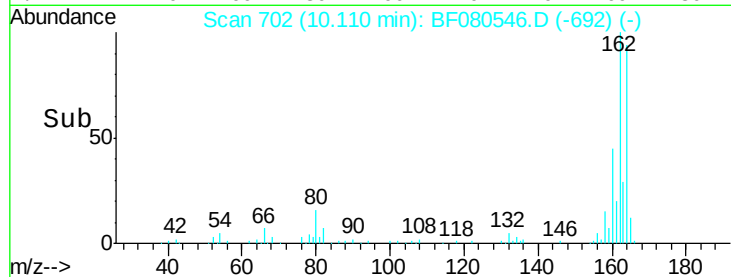
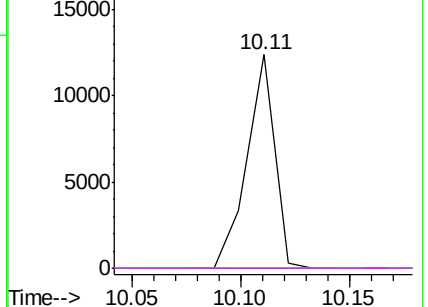


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

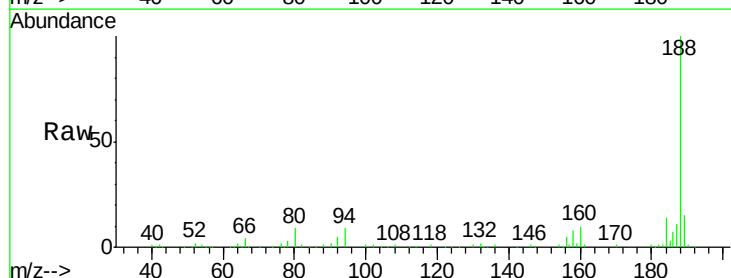
Tgt Ion:188 Resp: 169557

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

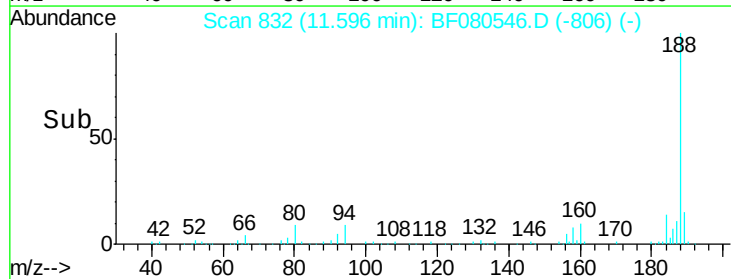
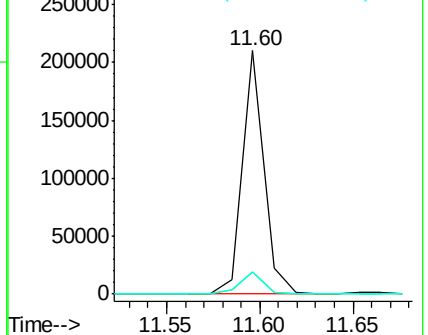
80 9.1 8.6 12.8

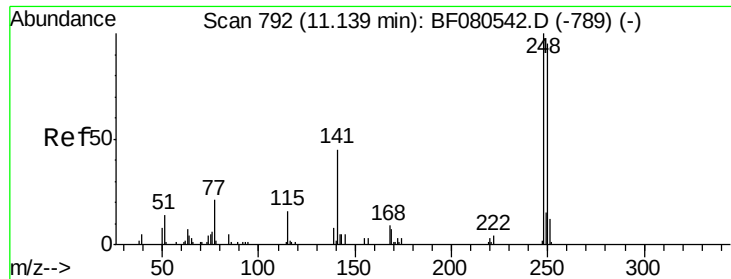


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

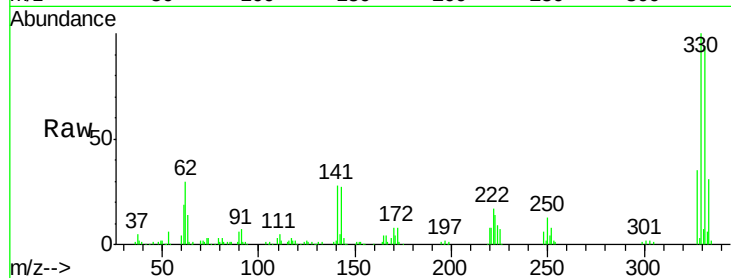




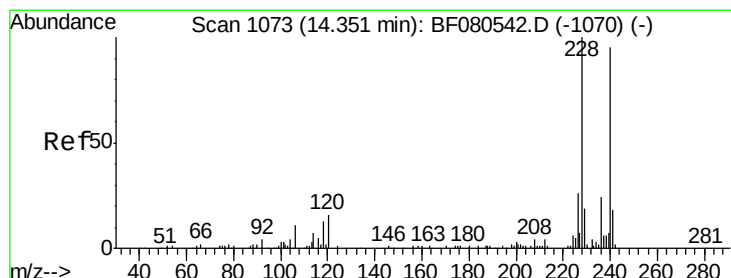
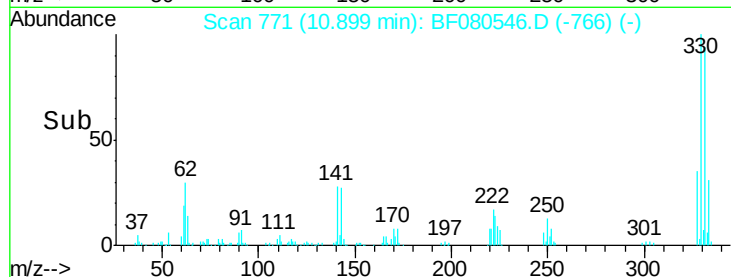
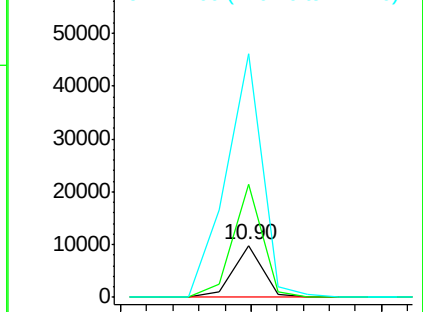
#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.24 min
Lab File: BF080546.D
Acq: 17 Jul 2015 21:24

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8

Tot Ion:248 Resp: 7813
Ion Ratio Lower Upper
248 100
250 217.0 76.4 114.6#
141 467.6 36.0 54.0#

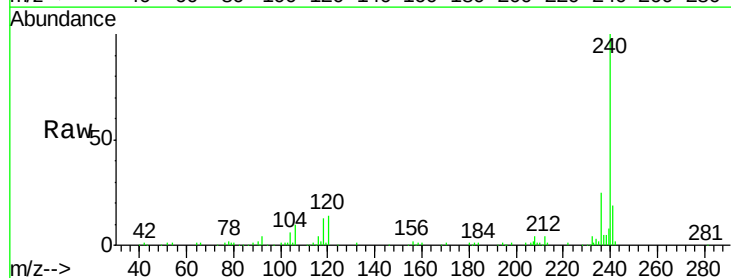


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

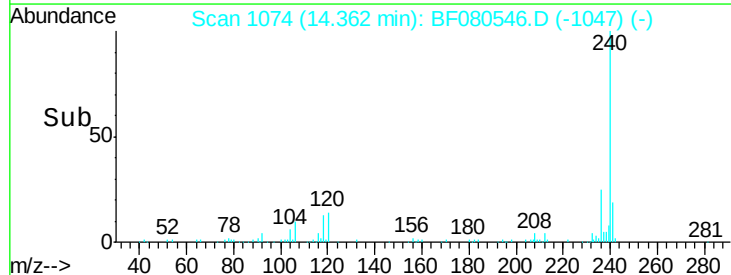
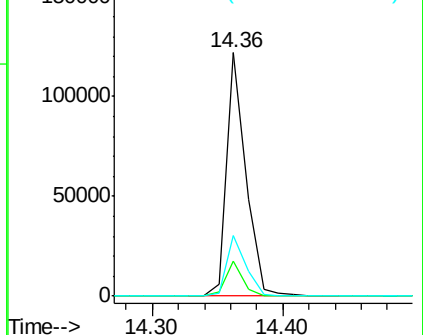


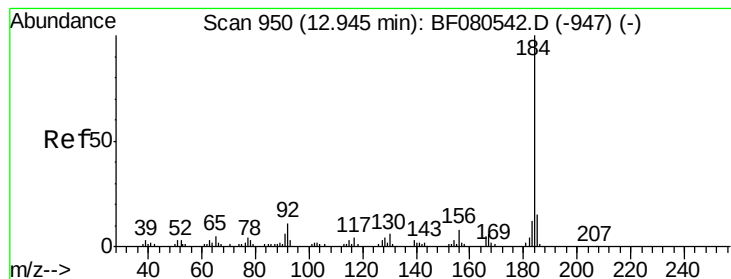
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.36 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF080546.D
Acq: 17 Jul 2015 21:24

Tgt Ion:240 Resp: 125274
Ion Ratio Lower Upper
240 100
120 14.3 13.6 20.4
236 25.1 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





#76

Benzidine

Concen: 2.32 ng

RT: 13.20 min Scan# 972

Delta R.T. 0.25 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8

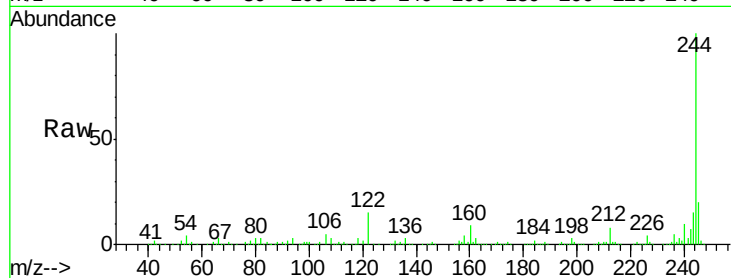
Tot Ion:184 Resp: 7782

Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

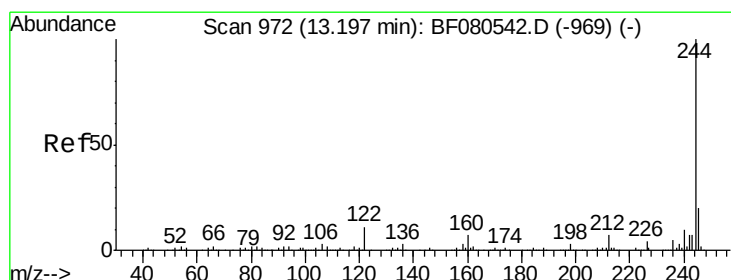
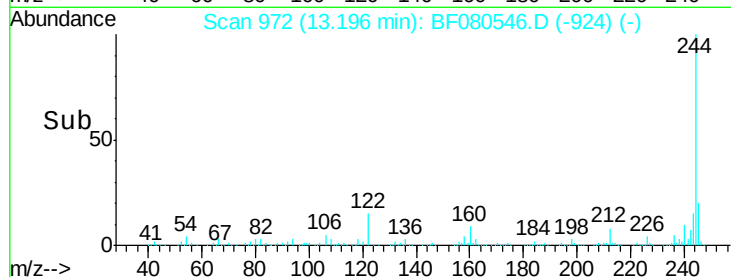
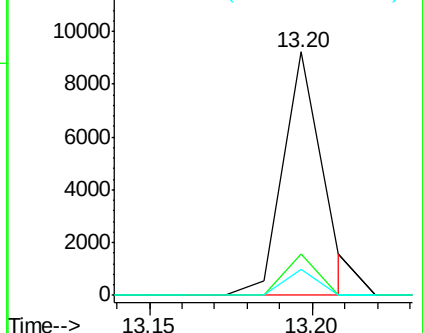
183 10.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 86.32 ng

RT: 13.20 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF080546.D

Acq: 17 Jul 2015 21:24

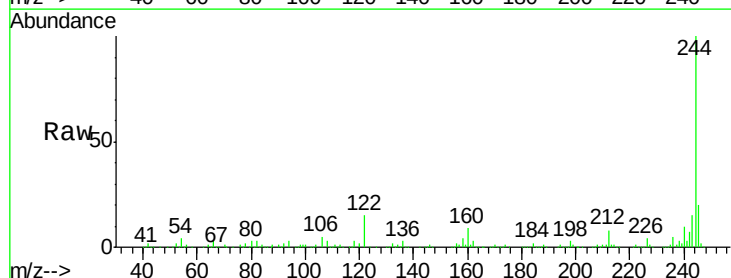
Tgt Ion:244 Resp: 484214

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

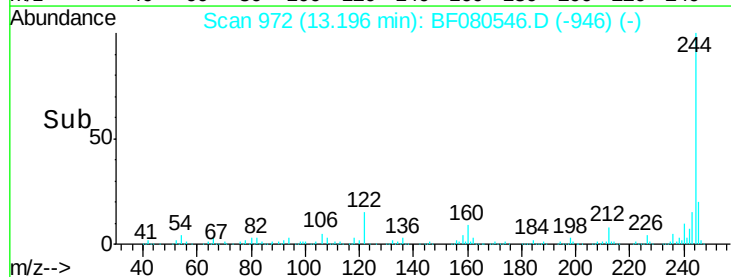
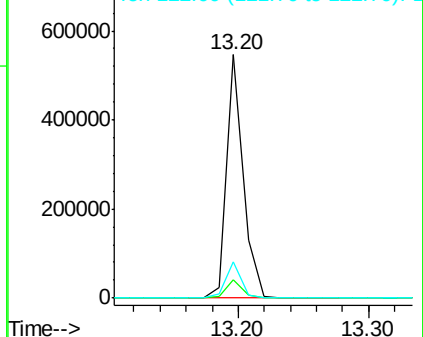
122 14.9 9.0 13.4#

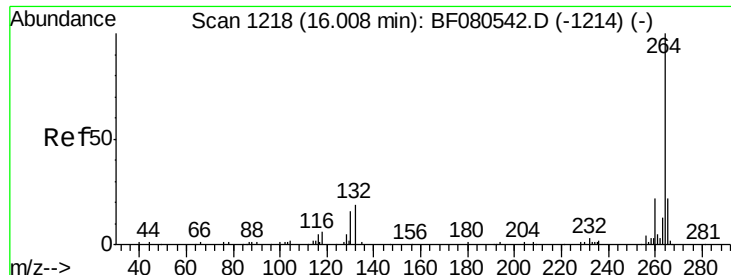


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1220
Delta R.T. 0.02 min
Lab File: BF080546.D
Acq: 17 Jul 2015 21:24

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.8	26.8
265	20.6	17.2	25.8

