

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080642.D
 Acq On : 24 Jul 2015 23:16
 Operator : TP/UM
 Sample : PB84652TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Quant Time: Jul 25 05:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

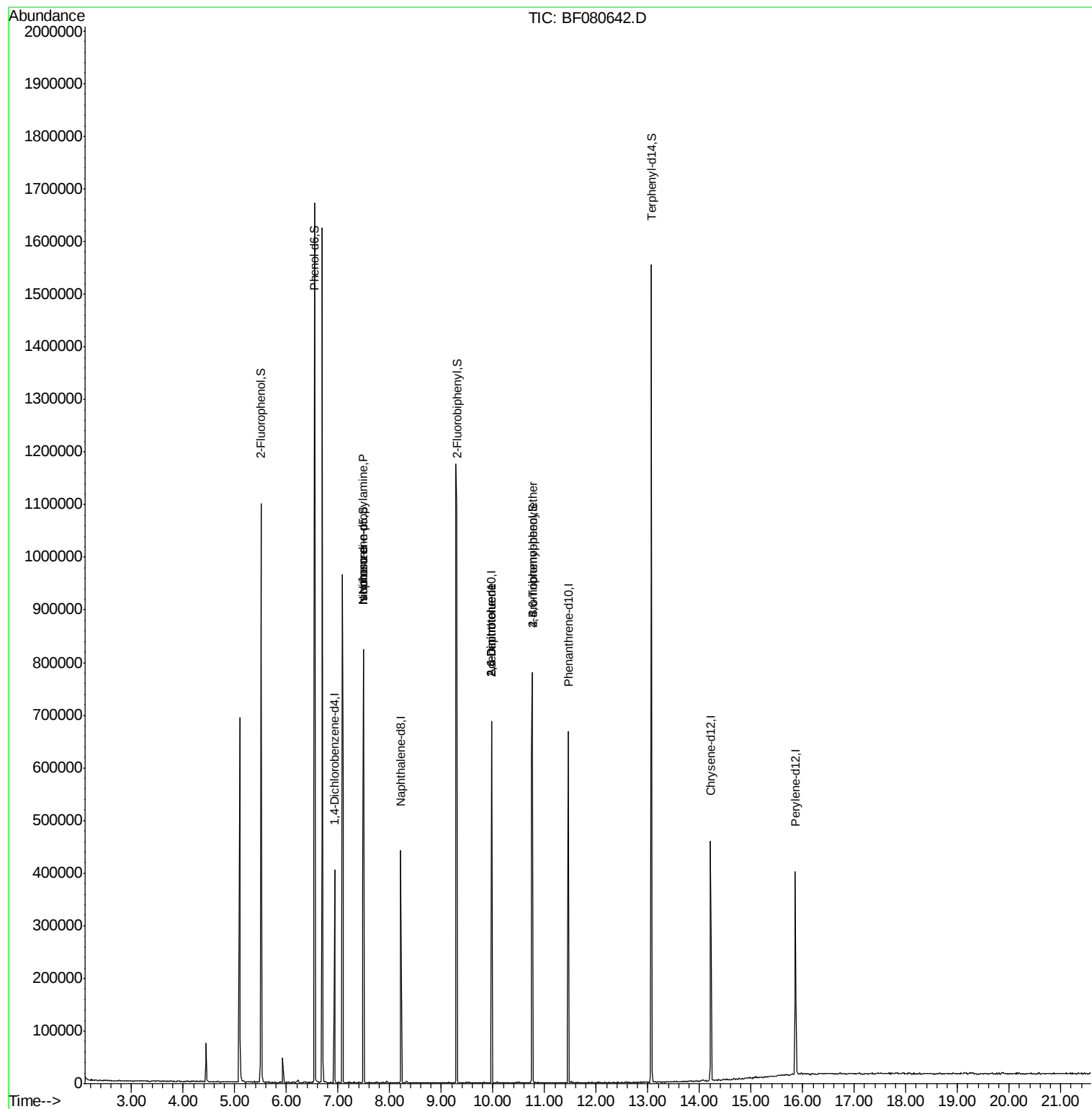
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60576	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213077	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	117399	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	226430	20.00	ng	0.00
75) Chrysene-d12	14.21	240	202592	20.00	ng	0.06
86) Perylene-d12	15.86	264	179511	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	350905	97.54	ng	0.00
7) Phenol-d6	6.54	99	488843	113.77	ng	0.00
23) Nitrobenzene-d5	7.49	82	269839	63.60	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	111462	105.68	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	526701	69.22	ng	0.00
78) Terphenyl-d14	13.07	244	605600	64.37	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	35980	11.60	ng	# 67
25) Isophorone	7.49	82	269629	36.24	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	15063	10.05	ng	# 2
56) 2,4-Dinitrotoluene	9.97	165	15064	7.60	ng	# 3
66) 4-Bromophenyl-phenylether	10.76	248	7337	3.44	ng	# 1

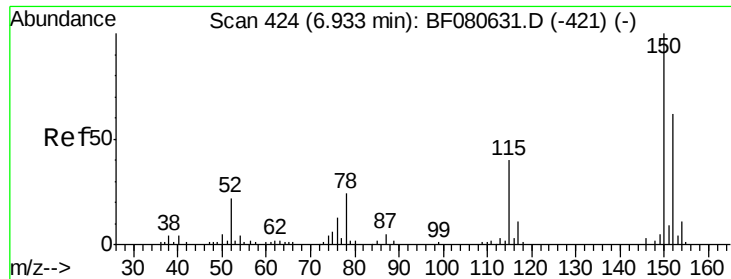
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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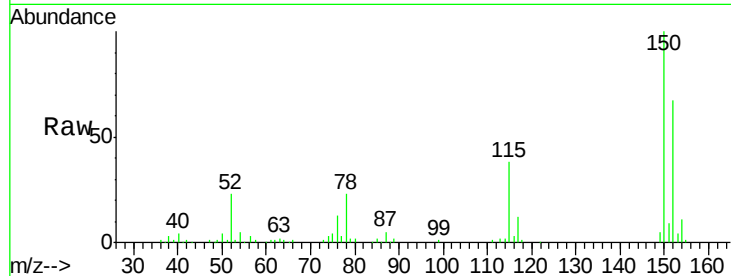




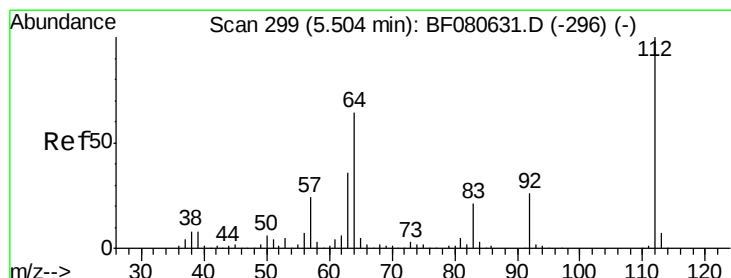
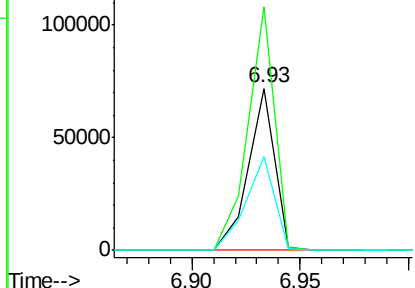
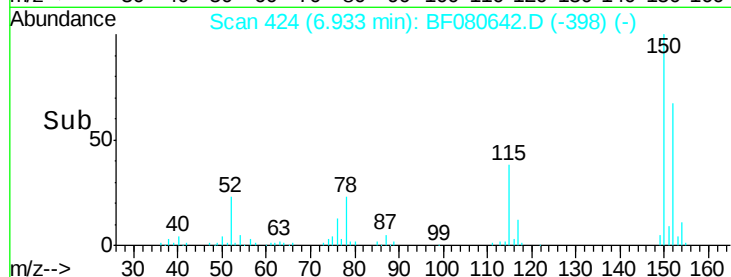
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Tgt Ion:152 Resp: 60576
 Ion Ratio Lower Upper
 152 100
 150 150.3 128.9 193.3
 115 57.8 51.0 76.6

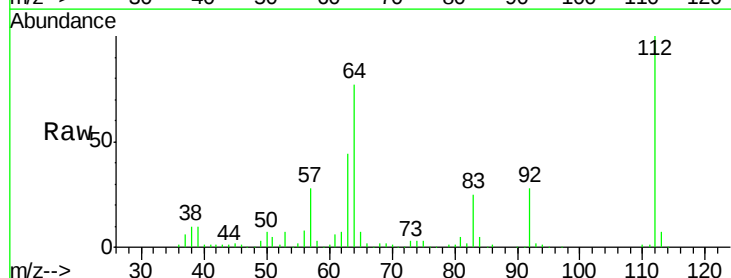


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

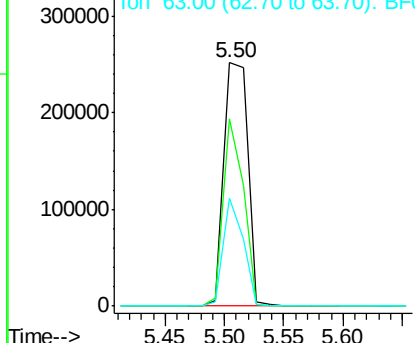
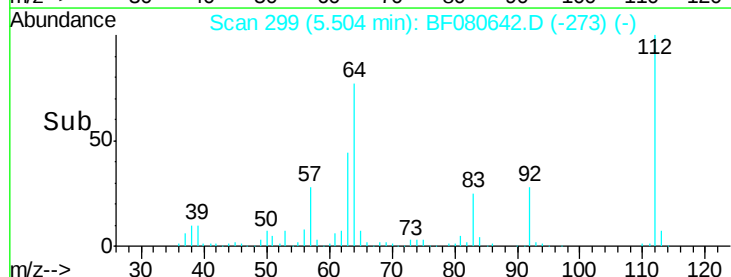


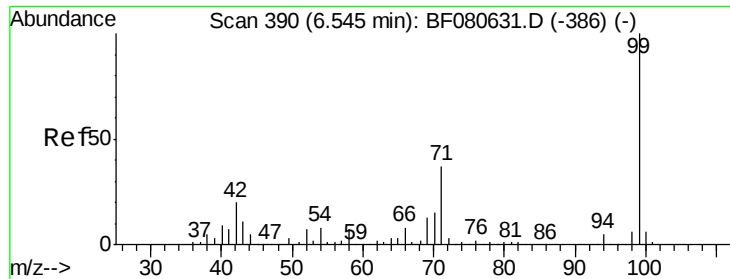
#5
 2-Fluorophenol
 Concen: 97.54 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion:112 Resp: 350905
 Ion Ratio Lower Upper
 112 100
 64 77.2 51.2 76.8#
 63 44.4 29.0 43.6#



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: 113.77 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

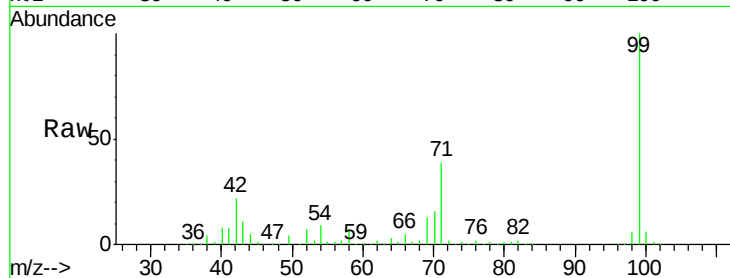
Tgt Ion: 99 Resp: 488843

Ion Ratio Lower Upper

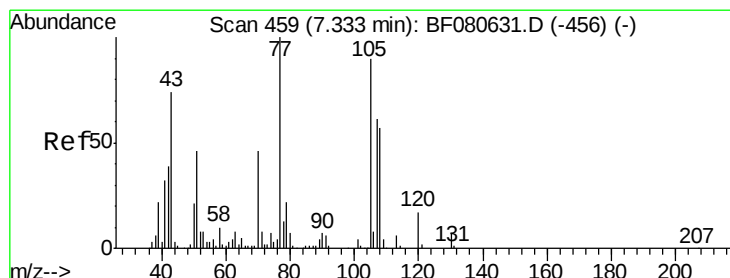
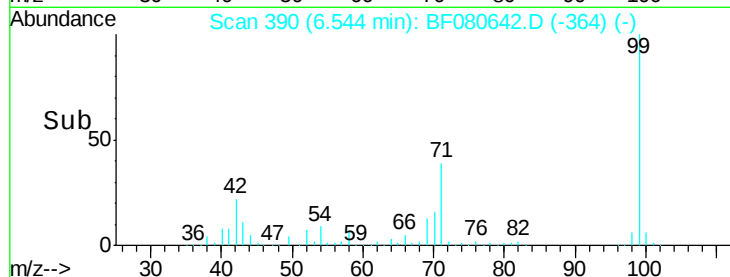
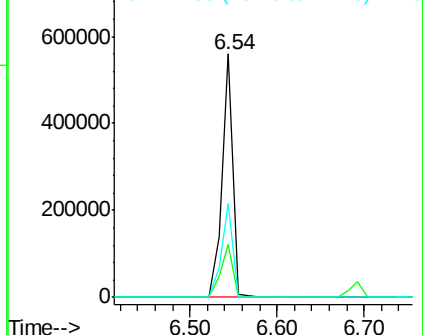
99 100

42 21.9 16.3 24.5

71 38.8 29.7 44.5



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: 11.60 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Tgt Ion: 70 Resp: 35980

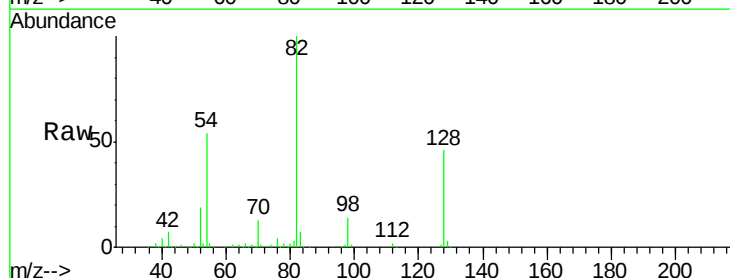
Ion Ratio Lower Upper

70 100

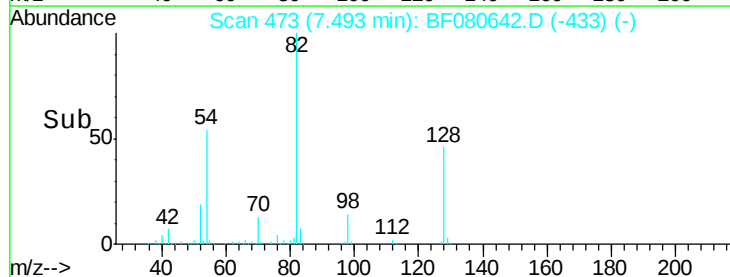
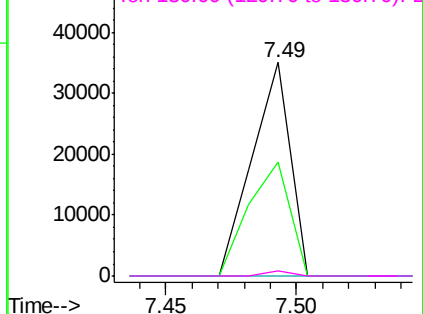
42 53.3 67.8 101.8#

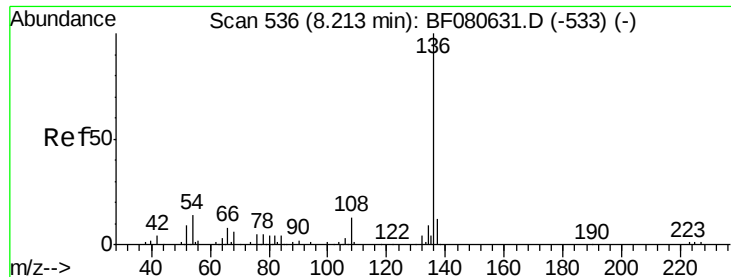
101 0.0 6.6 9.8#

130 2.5 11.4 17.0#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

Tgt Ion: 136 Resp: 213077

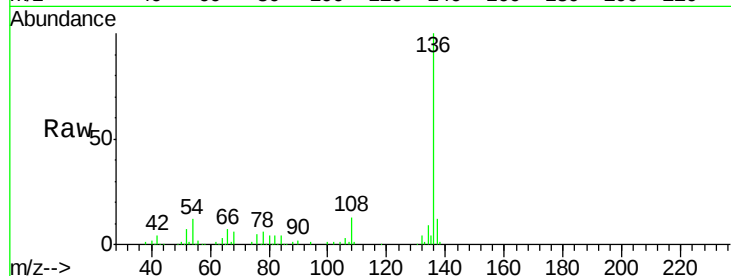
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 11.9 11.6 17.4

68 6.1 5.0 7.4

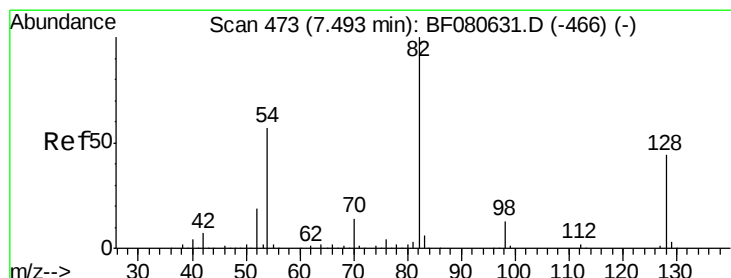
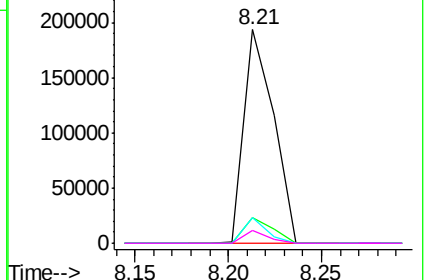
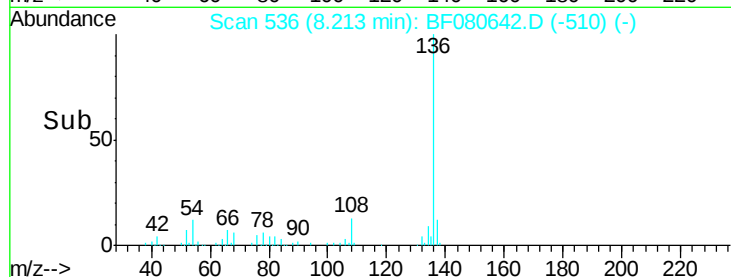


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.60 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

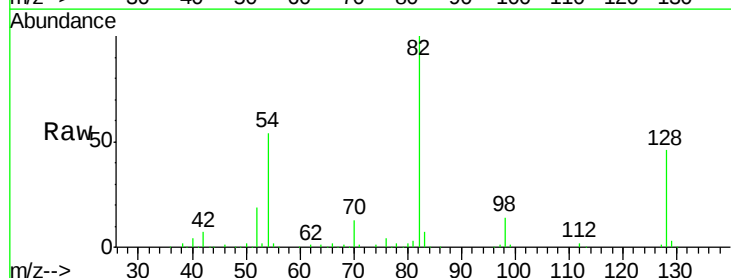
Tgt Ion: 82 Resp: 269839

Ion Ratio Lower Upper

82 100

128 46.1 34.8 52.2

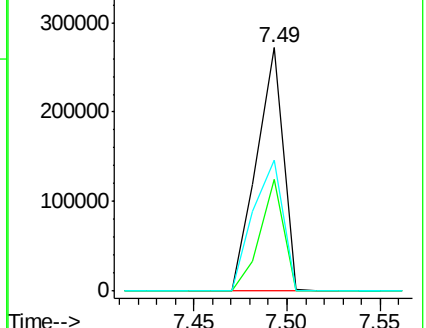
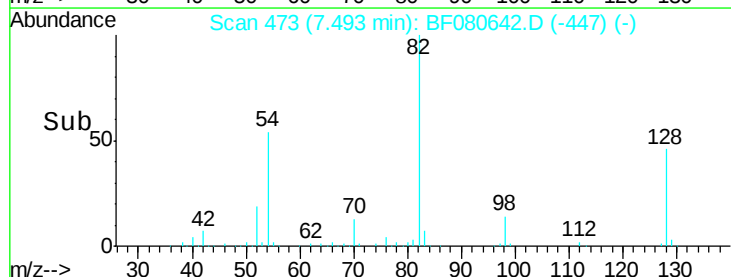
54 53.6 45.4 68.0

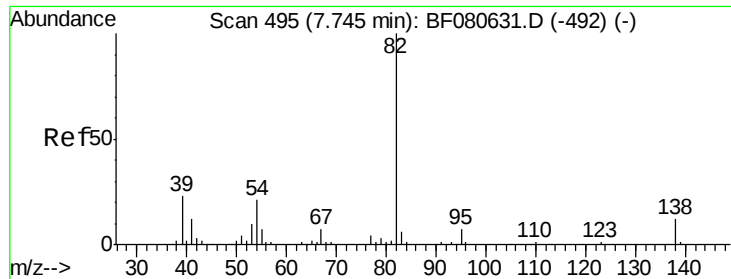


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.24 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

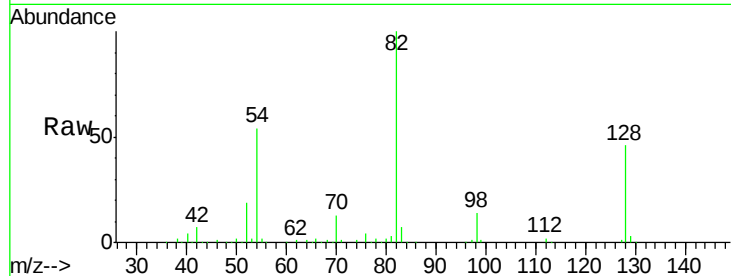
Tgt Ion: 82 Resp: 269629

Ion Ratio Lower Upper

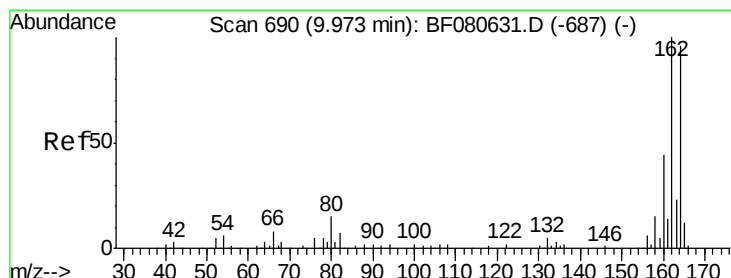
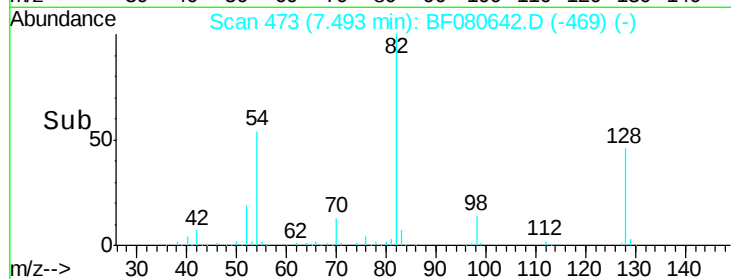
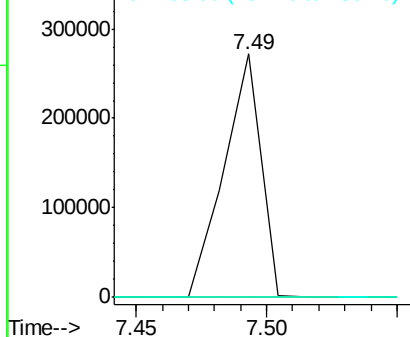
82 100

95 0.0 5.5 8.3#

138 0.0 9.7 14.5#



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: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

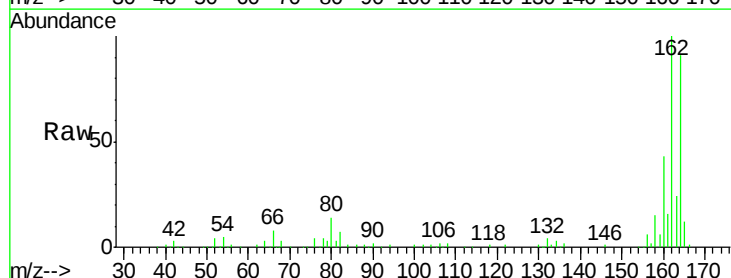
Tgt Ion: 164 Resp: 117399

Ion Ratio Lower Upper

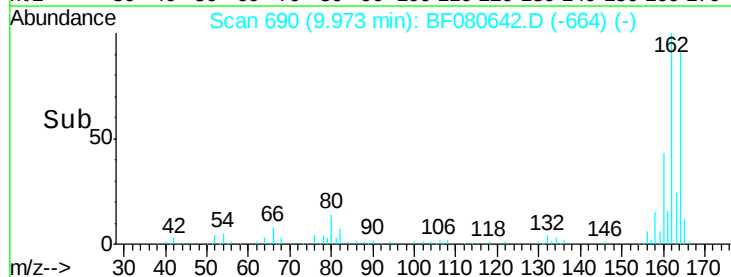
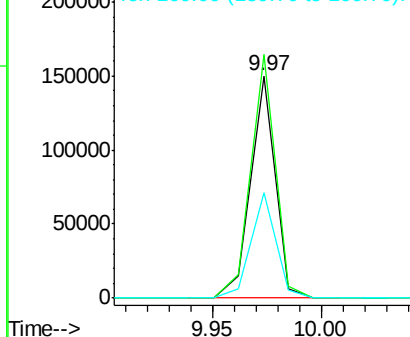
164 100

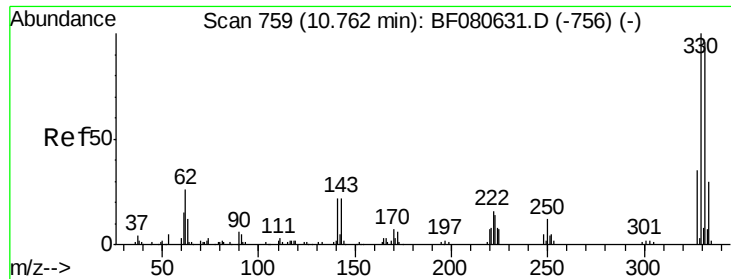
162 109.6 83.3 124.9

160 47.6 36.9 55.3



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

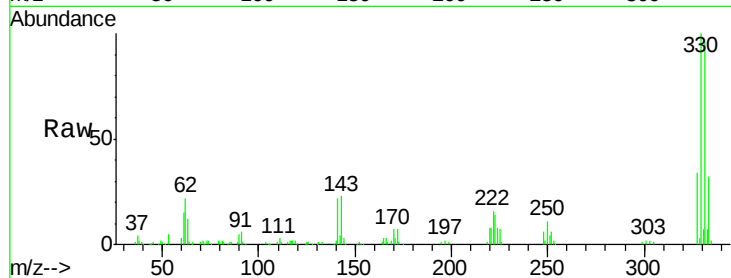




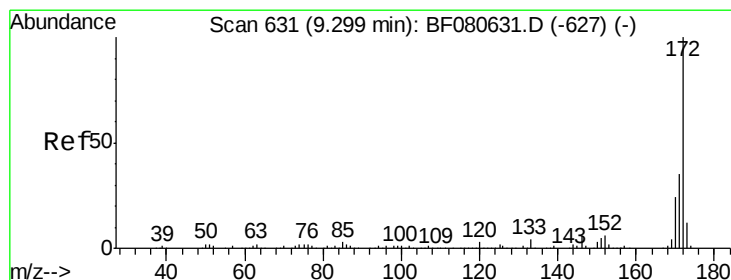
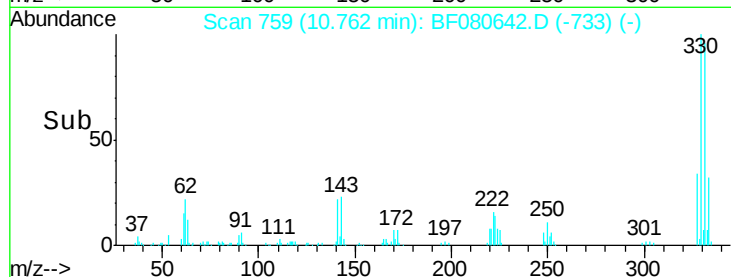
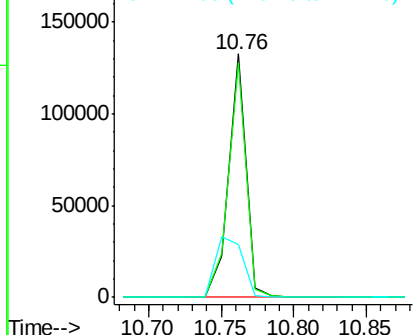
#41
 2,4,6-Tribromophenol
 Concen: 105.68 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84652TB

Tgt Ion:330 Resp: 111462
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.7 115.1
 141 39.0 32.7 49.1

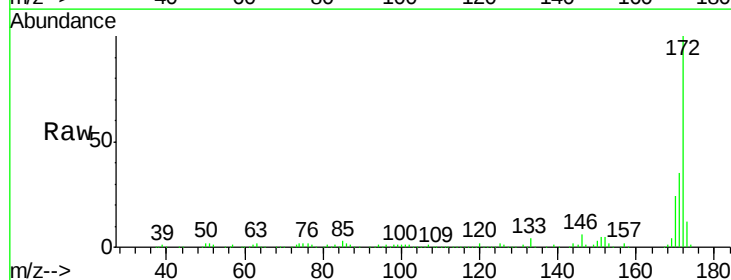


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

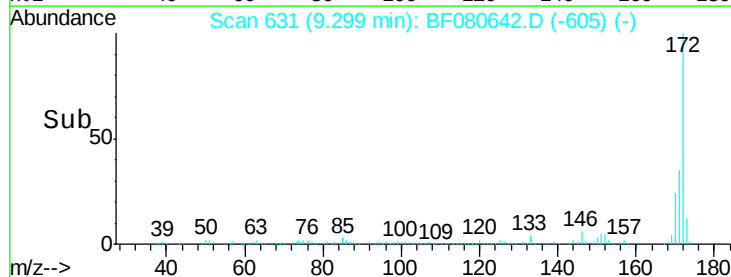
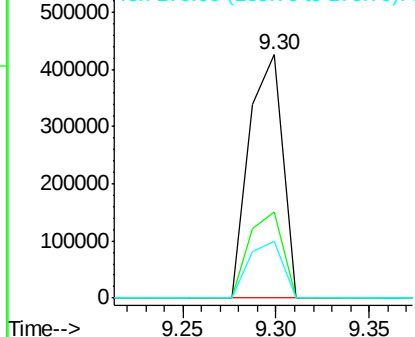


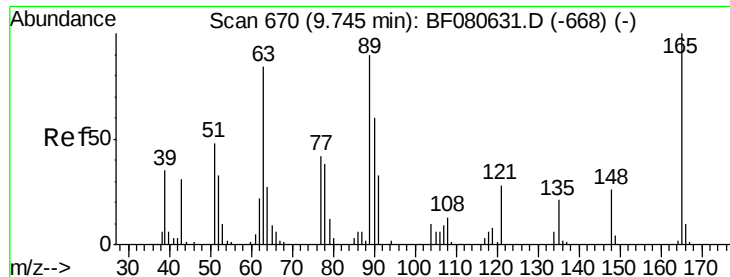
#44
 2-Fluorobiphenyl
 Concen: 69.22 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion:172 Resp: 526701
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.7 41.5
 170 23.5 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

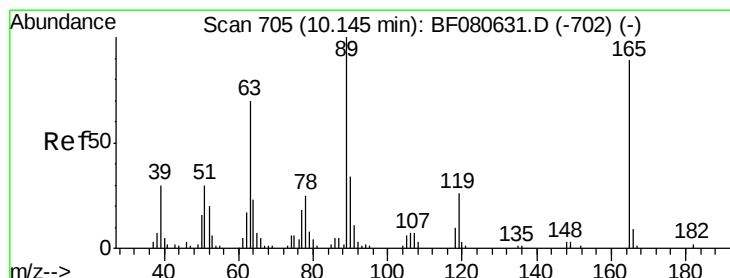
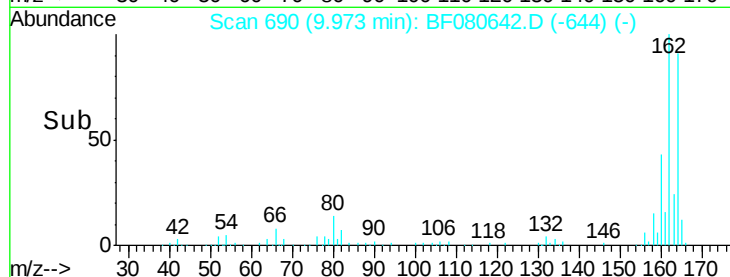
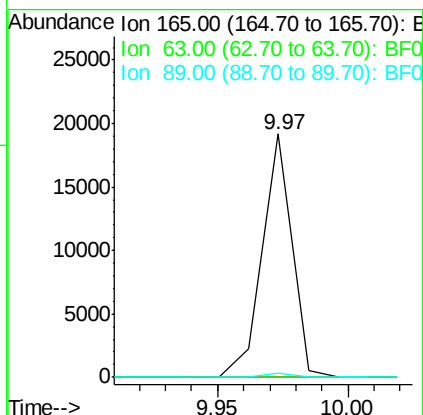
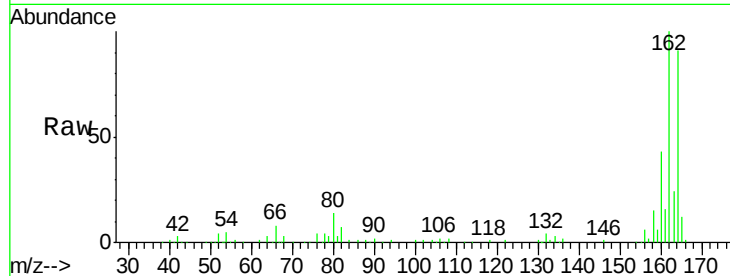




#50
 2,6-Dinitrotoluene
 Concen: 10.05 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

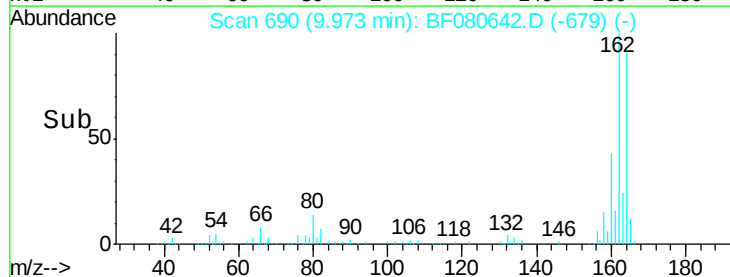
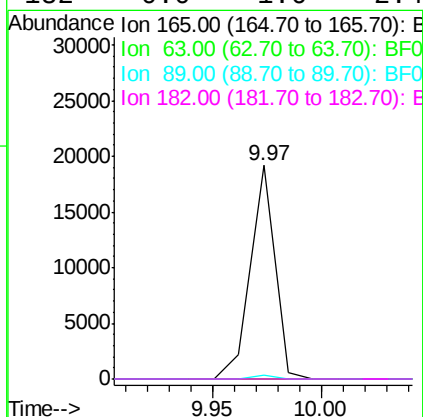
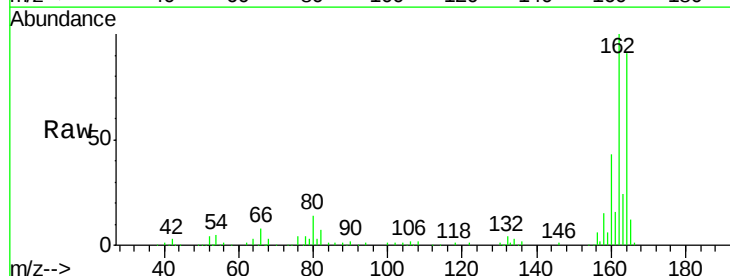
Instrument :
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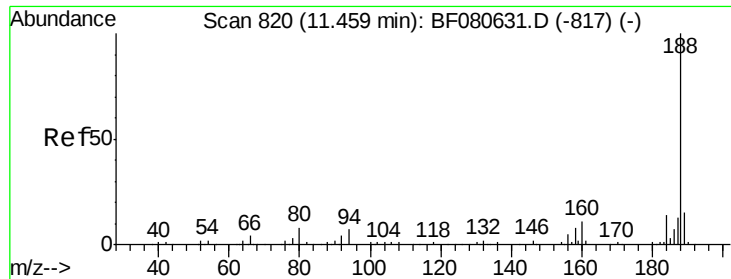
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	84.0	126.0#
89	1.9	71.7	107.5#



#56
 2,4-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080642.D
 Acq: 24 Jul 2015 23:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.0	94.4#
89	1.9	90.2	135.2#
182	0.0	1.6	2.4#

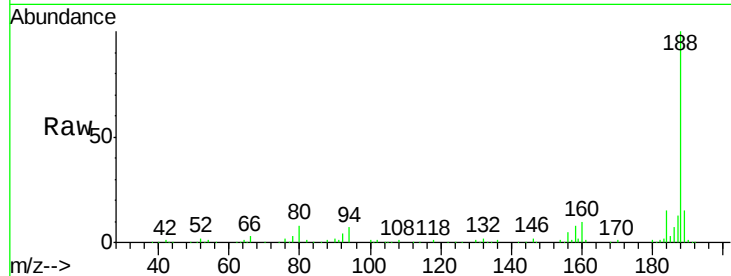




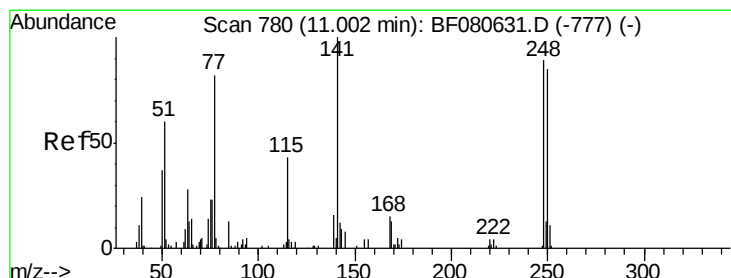
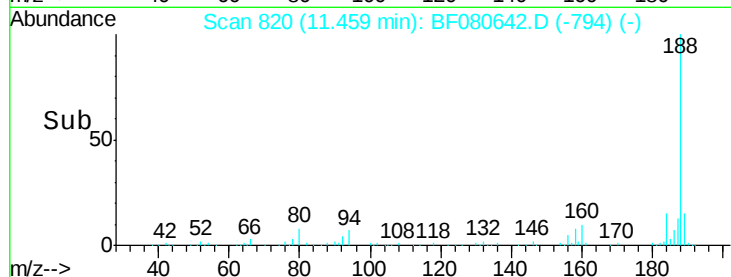
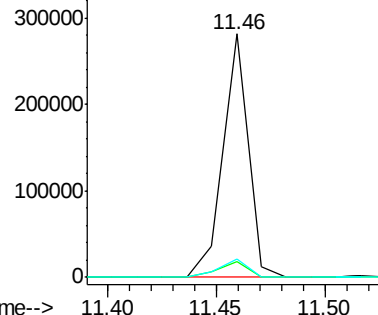
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080642.D
Acq: 24 Jul 2015 23:16

Instrument :
BNA_F
ClientSampleId :
PB84652TB

Tgt Ion:188 Resp: 226430
Ion Ratio Lower Upper
188 100
94 6.7 5.6 8.4
80 7.5 6.1 9.1

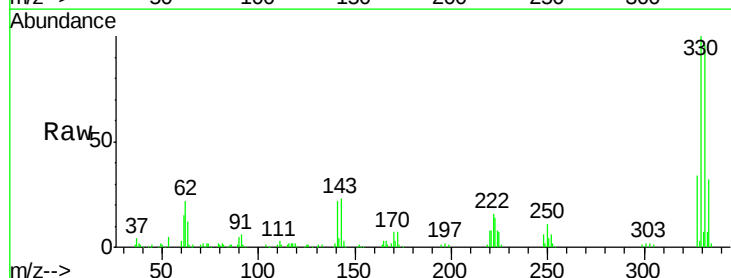


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

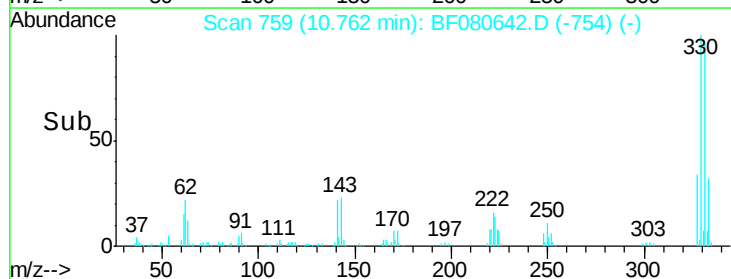
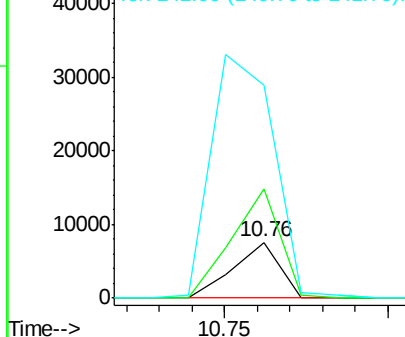


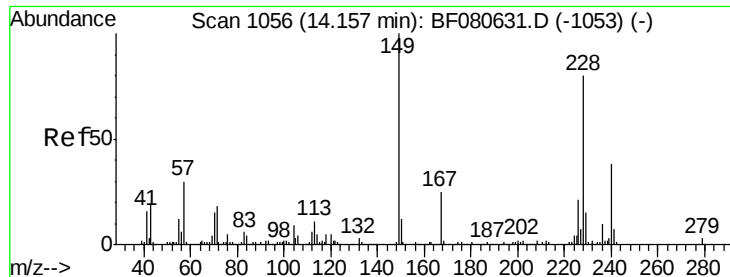
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080642.D
Acq: 24 Jul 2015 23:16

Tgt Ion:248 Resp: 7337
Ion Ratio Lower Upper
248 100
250 197.1 76.6 114.8#
141 383.1 90.0 135.0#



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: 14.21 min Scan# 1061

Delta R.T. 0.06 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

Instrument :

BNA_F

ClientSampleId :

PB84652TB

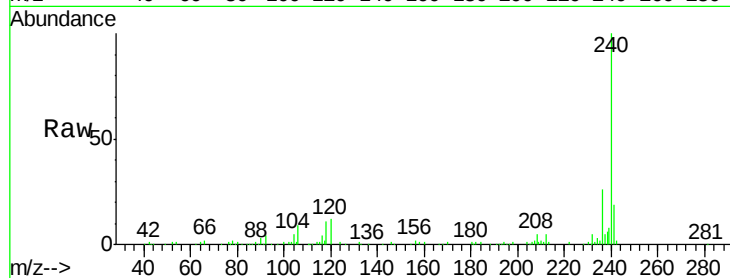
Tgt Ion:240 Resp: 202592

Ion Ratio Lower Upper

240 100

120 11.9 10.8 16.2

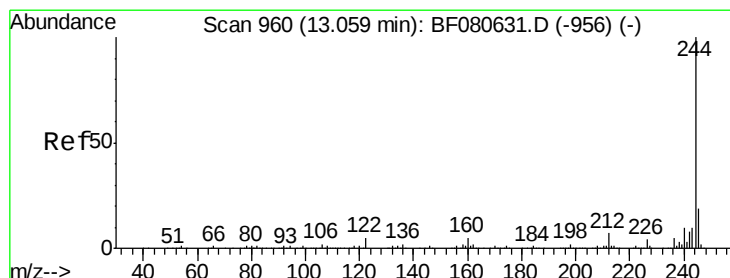
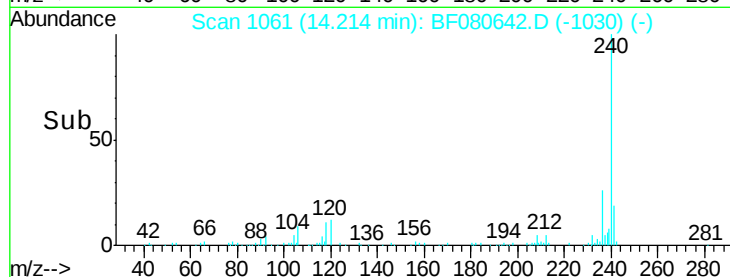
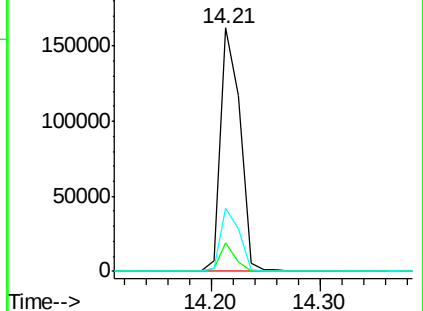
236 26.1 20.3 30.5



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: 64.37 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080642.D

Acq: 24 Jul 2015 23:16

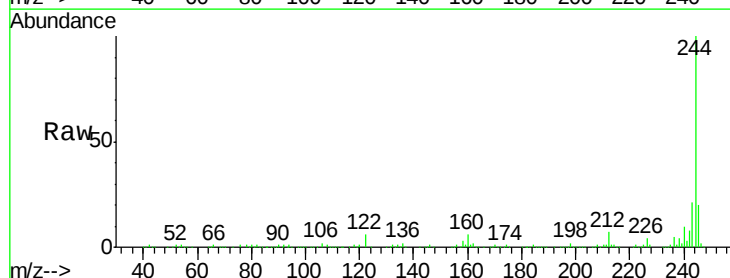
Tgt Ion:244 Resp: 605600

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

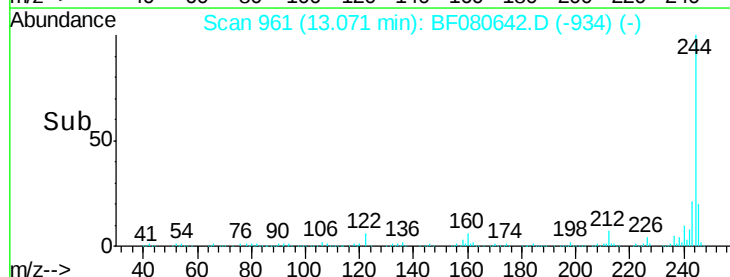
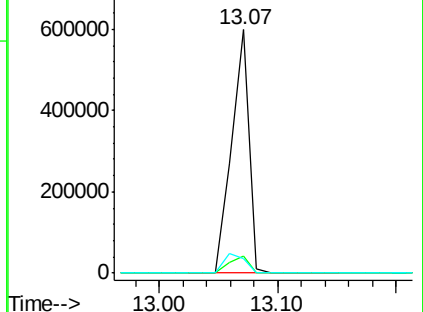
122 5.9 4.1 6.1

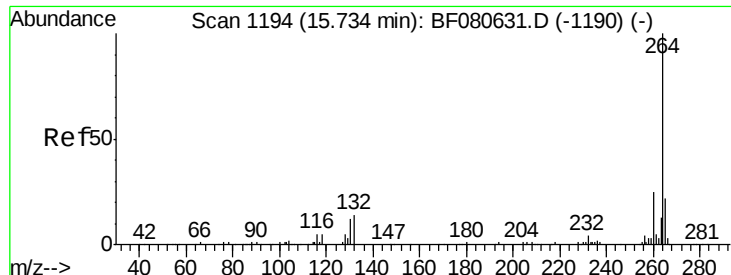


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

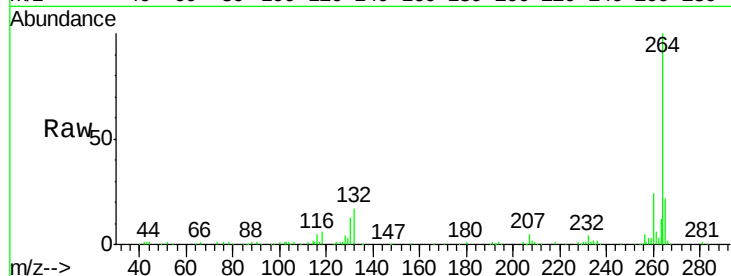




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.13 min
Lab File: BF080642.D
Acq: 24 Jul 2015 23:16

Instrument :
BNA_F
ClientSampleId :
PB84652TB

Tgt Ion: 264 Resp: 179511
Ion Ratio Lower Upper
264 100
260 24.4 20.1 30.1
265 21.8 17.4 26.0



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

