

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092604.D
 Acq On : 28 Jan 2017 4:17
 Operator : SJ/MA
 Sample : I1527-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Jan 28 05:01:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

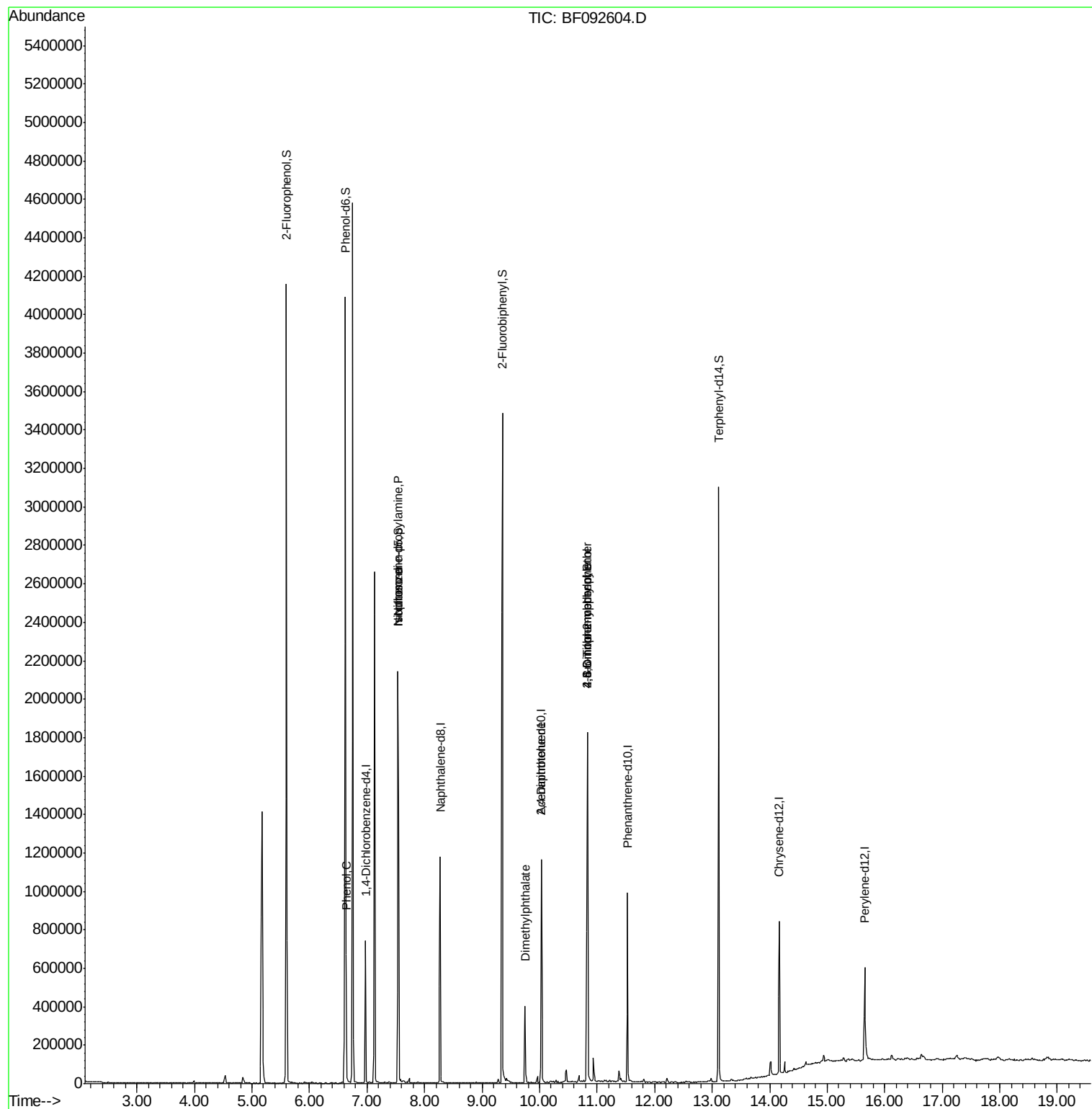
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	155011	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	595998	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	265187	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	389047	20.00	ng	0.00
75) Chrysene-d12	14.17	240	321481	20.00	ng	0.00
86) Perylene-d12	15.65	264	234309	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1234015	123.86	ng	0.05
7) Phenol-d6	6.62	99	1534027	120.88	ng	0.03
23) Nitrobenzene-d5	7.54	82	951453	87.20	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	224108	124.01	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1524254	106.29	ng	0.00
78) Terphenyl-d14	13.12	244	1131384	93.71	ng	0.00
Target Compounds						
10) Phenol	6.64	94	118684	7.75	ng	# 69
19) n-Nitroso-di-n-propylamine	7.54	70	124876	14.45	ng	# 84
25) Isophorone	7.54	82	837098	38.93	ng	# 65
49) Dimethylphthalate	9.74	163	164720	9.77	ng	100
56) 2,4-Dinitrotoluene	10.03	165	33462	7.31	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.83	198	385	5.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	17282	4.40	ng	# 1

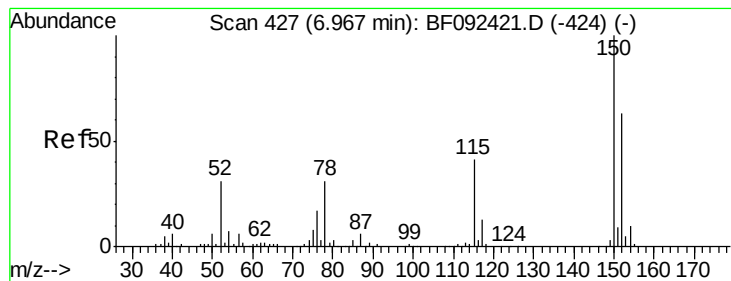
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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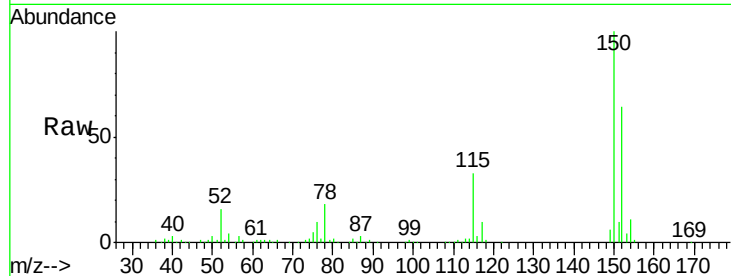




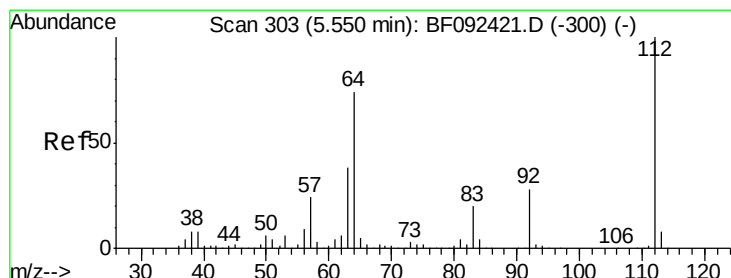
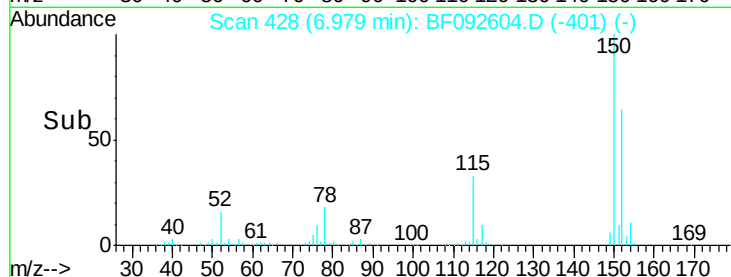
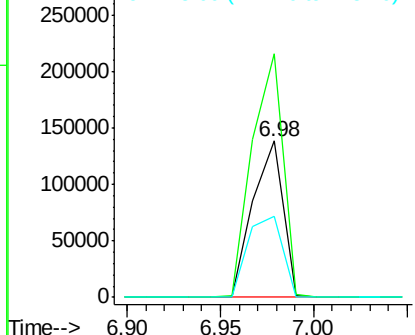
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:152 Resp: 155011
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 52.2 46.0 69.0

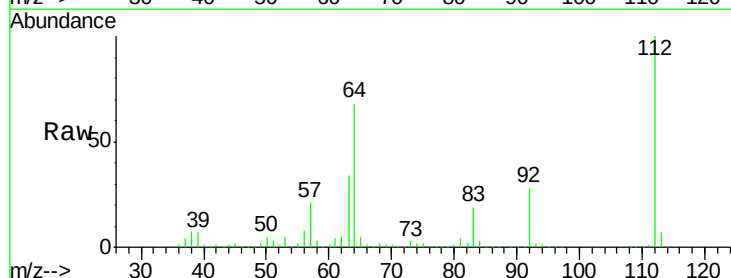


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

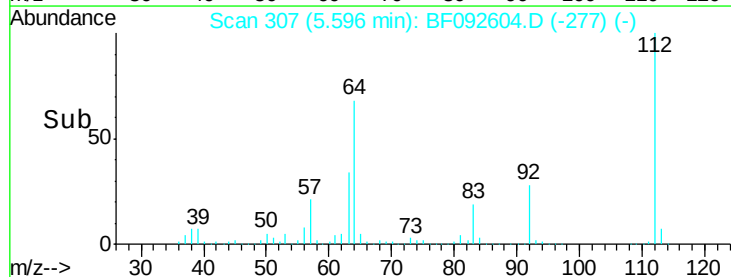
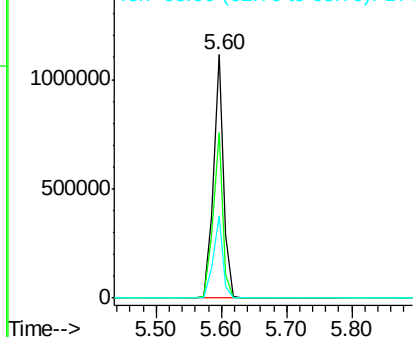


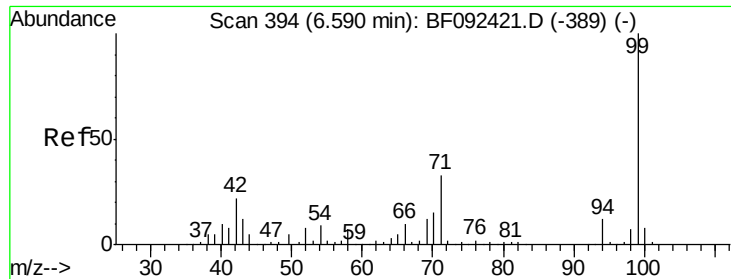
#5
 2-Fluorophenol
 Concen: 123.86 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Tgt Ion:112 Resp: 1234015
 Ion Ratio Lower Upper
 112 100
 64 68.2 46.1 69.1
 63 34.0 23.8 35.6



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: 120.88 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

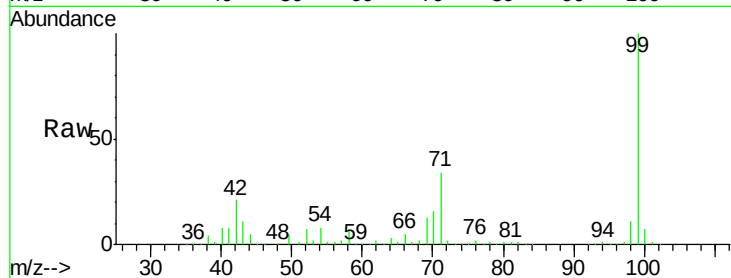
Tgt Ion: 99 Resp: 1534027

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

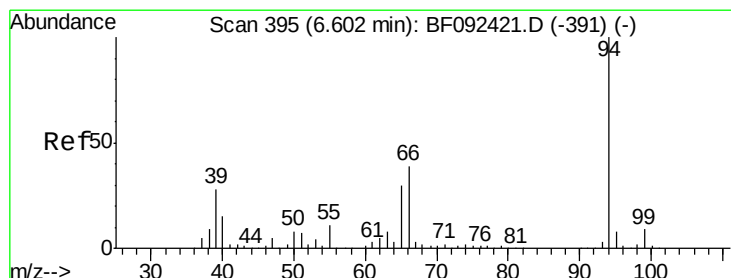
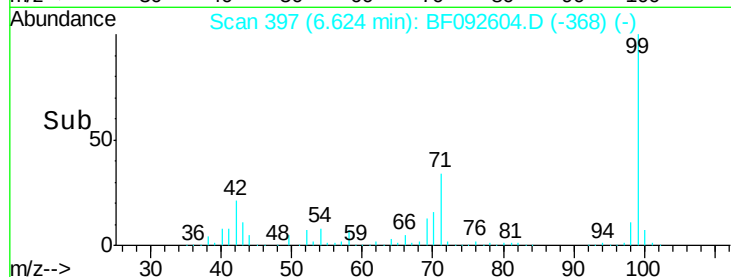
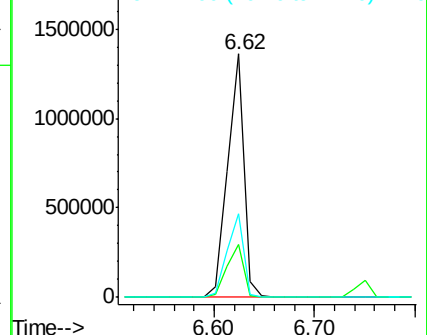
71 34.4 27.5 41.3



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



#10

Phenol

Concen: 7.75 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

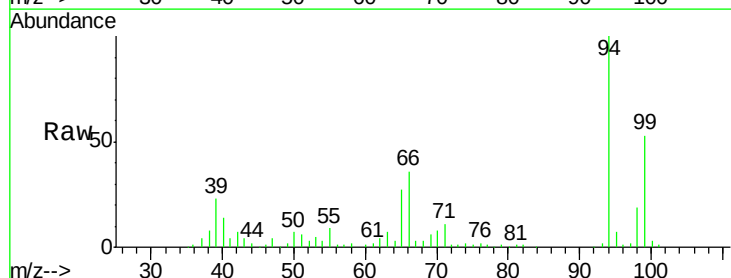
Tgt Ion: 94 Resp: 118684

Ion Ratio Lower Upper

94 100

65 26.5 21.4 61.4

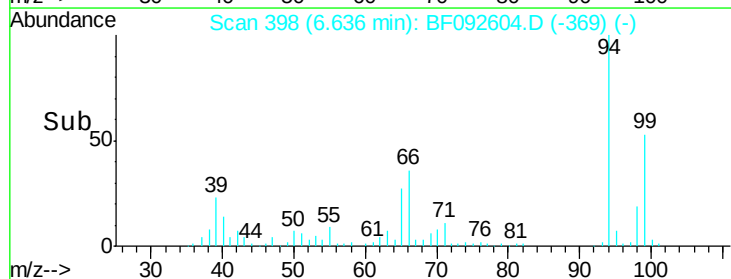
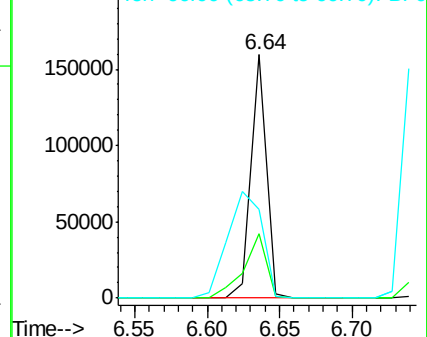
66 36.2 44.0 84.0#

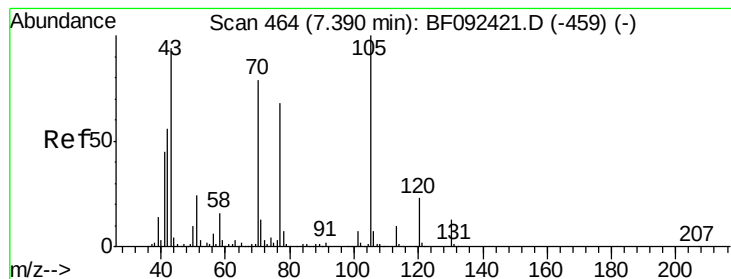


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.45 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion: 70 Resp: 124876

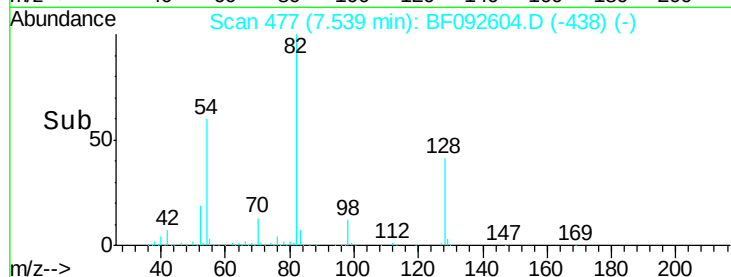
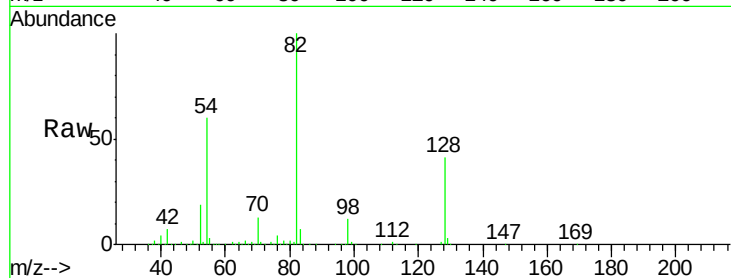
Ion Ratio Lower Upper

70 100

42 54.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

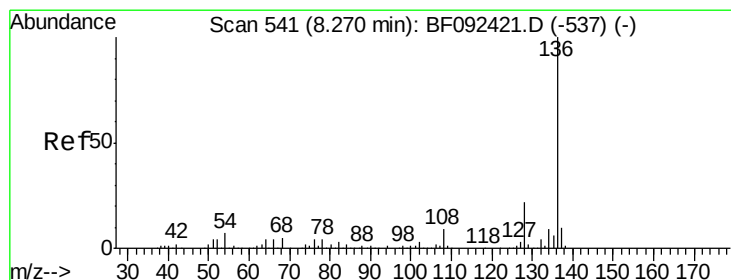
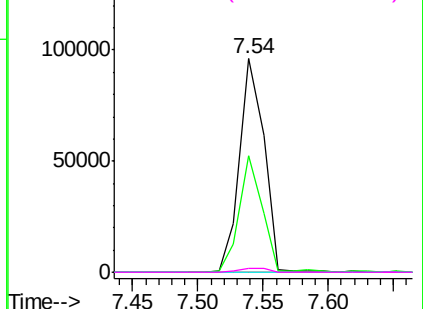


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Tgt Ion: 136 Resp: 595998

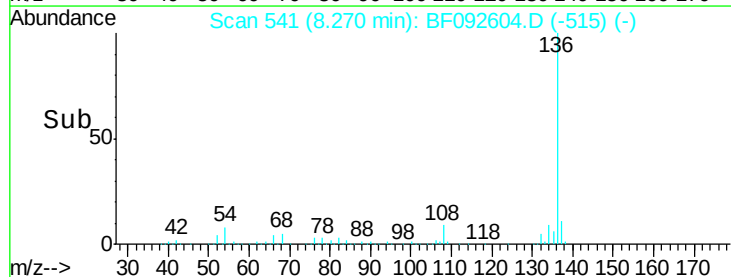
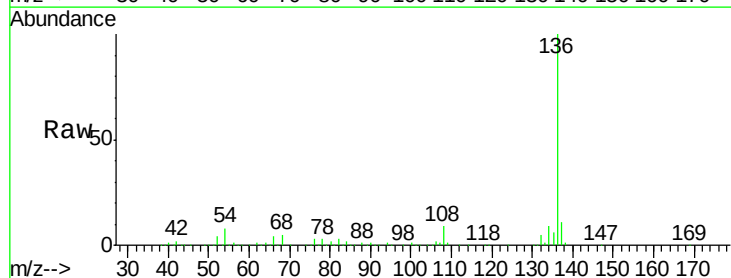
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.5 4.5 6.7#

68 5.4 3.6 5.4

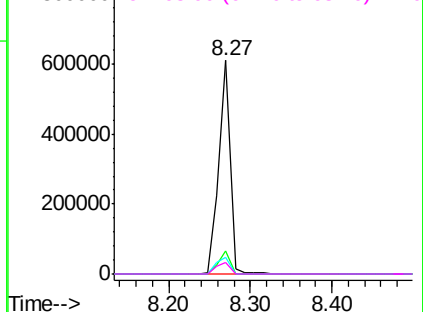


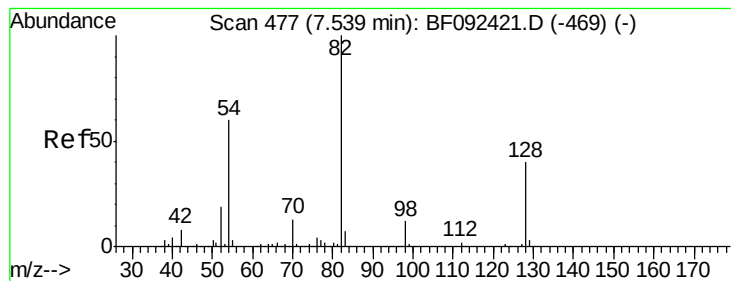
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.20 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

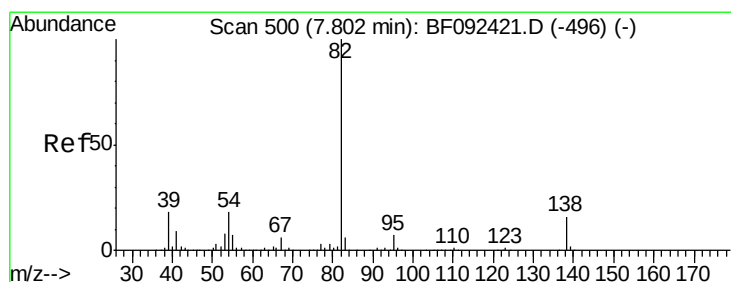
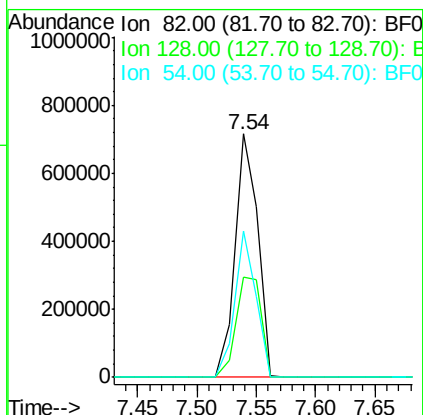
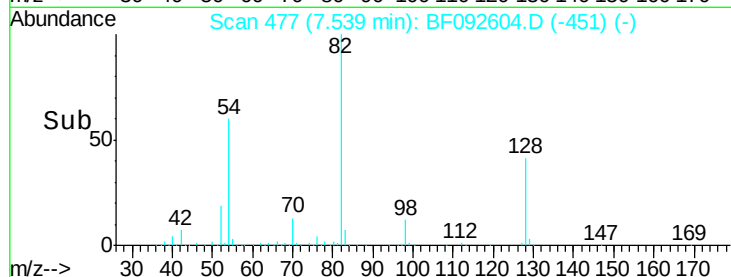
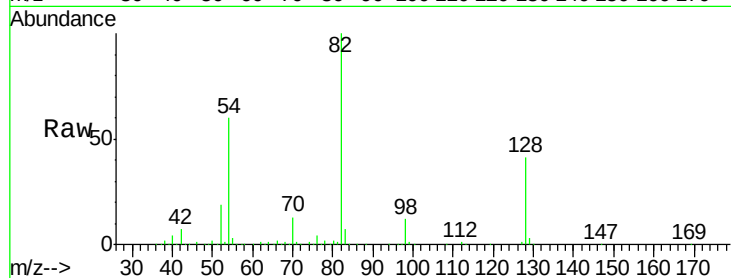
Tgt Ion: 82 Resp: 951453

Ion Ratio Lower Upper

82 100

128 41.3 34.6 52.0

54 60.2 39.5 59.3#



#25

Isophorone

Concen: 38.93 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

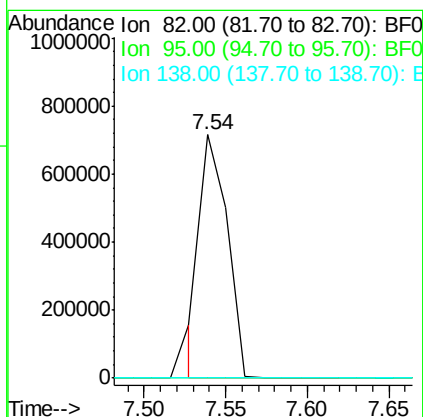
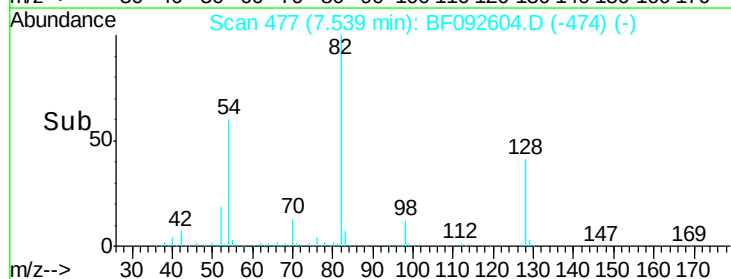
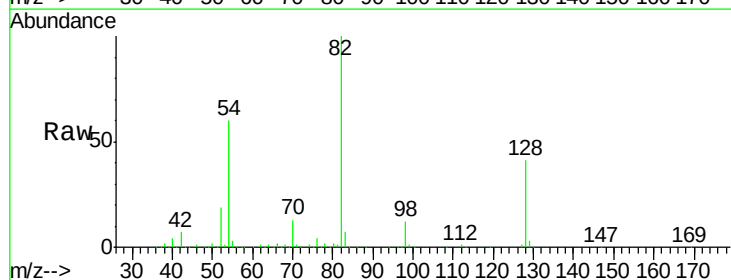
Tgt Ion: 82 Resp: 837098

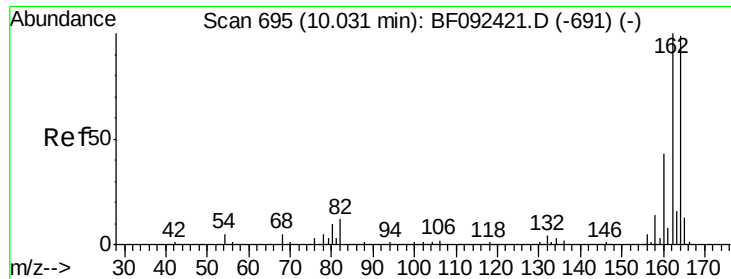
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#

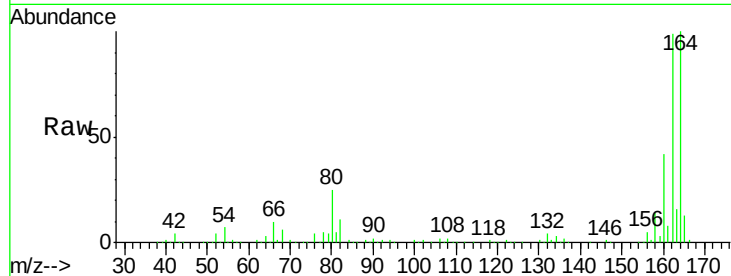




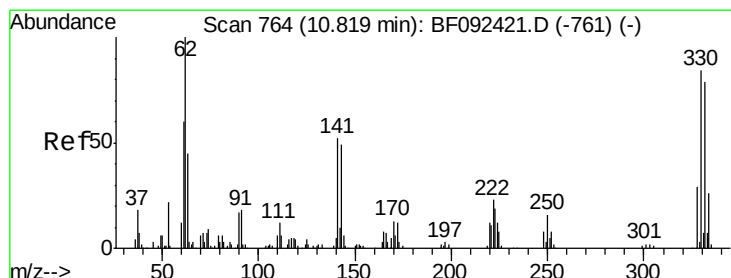
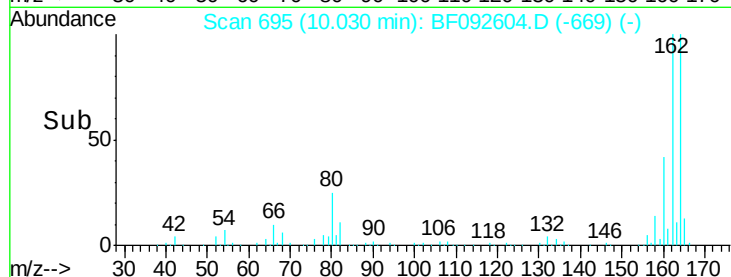
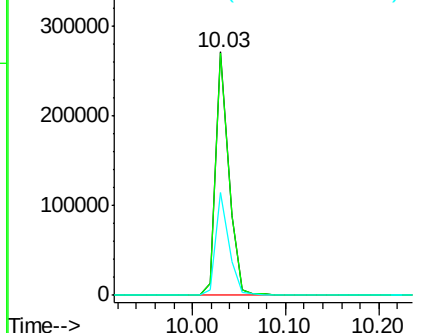
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:164 Resp: 265187
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.2 120.2
 160 42.2 36.9 55.3

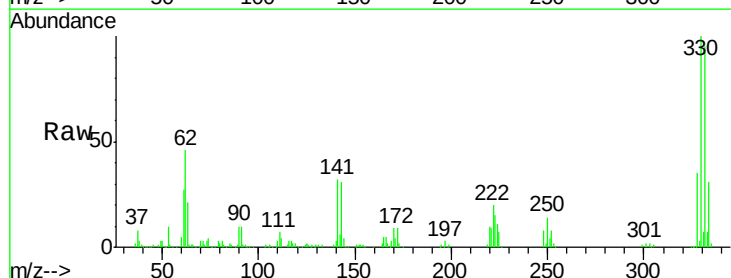


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

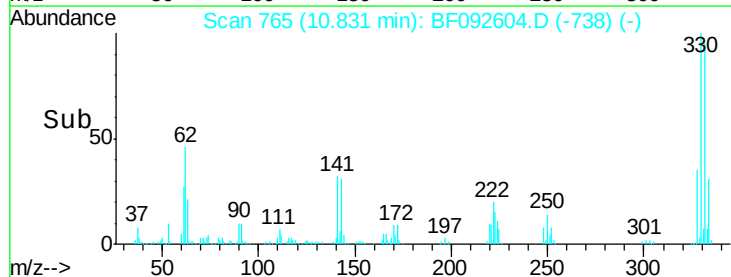
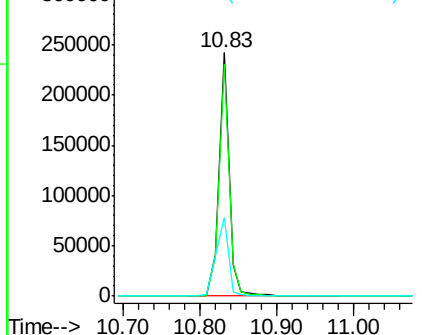


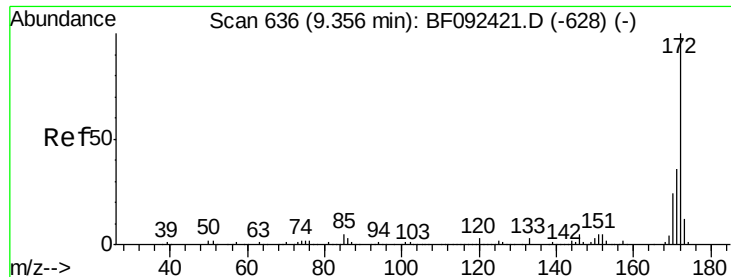
#41
 2,4,6-Tribromophenol
 Concen: 124.01 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Tgt Ion:330 Resp: 224108
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.9 34.1 51.1



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

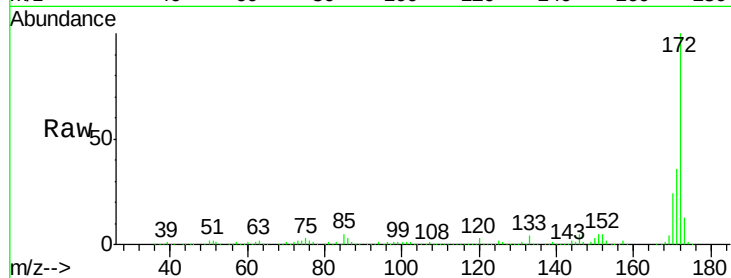




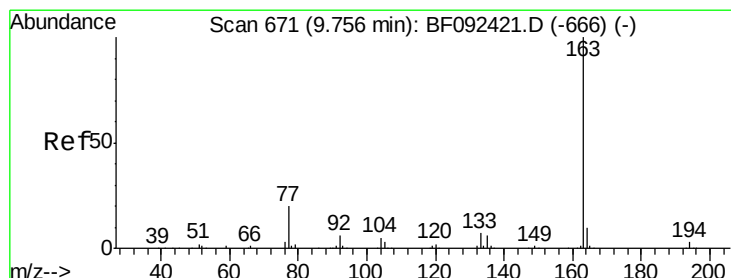
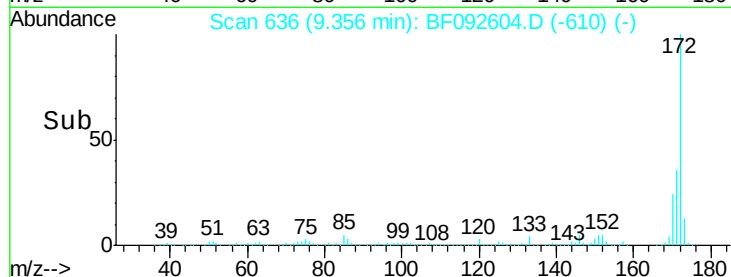
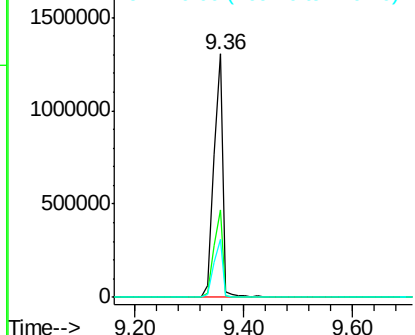
#44
 2-Fluorobiphenyl
 Concen: 106.29 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:172 Resp: 1524254
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.0 20.2 30.4

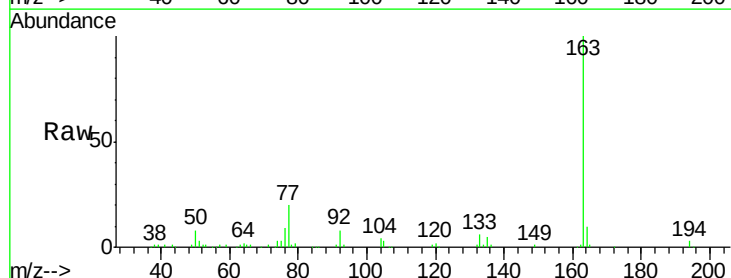


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

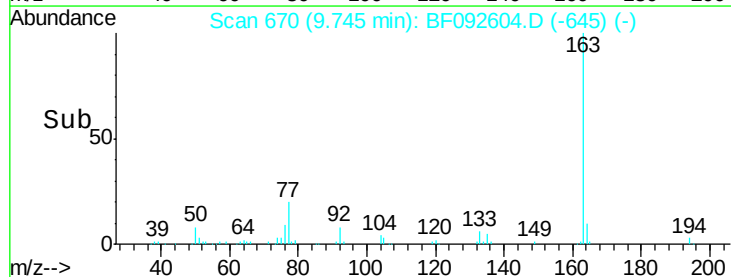
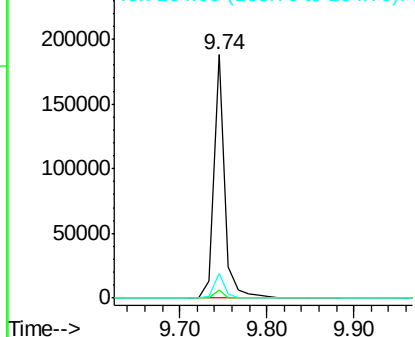


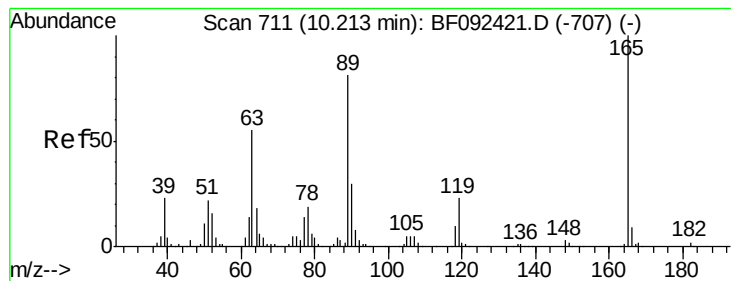
#49
 Dimethylphthalate
 Concen: 9.77 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Tgt Ion:163 Resp: 164720
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.0 8.0 12.0



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: 7.31 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.18 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion:165 Resp: 33462

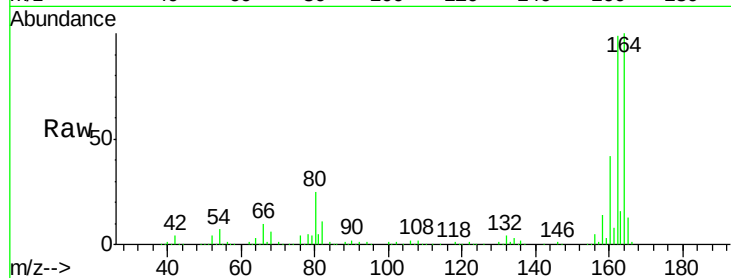
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 0.9 62.5 93.7#

182 0.0 1.8 2.8#

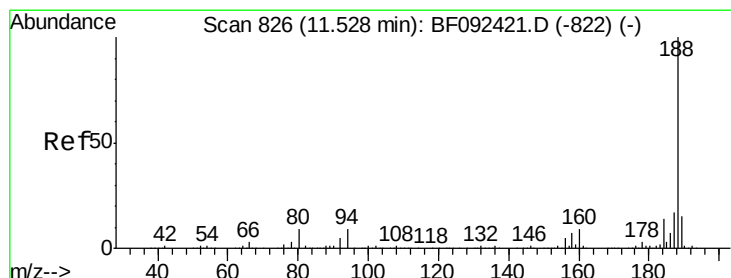
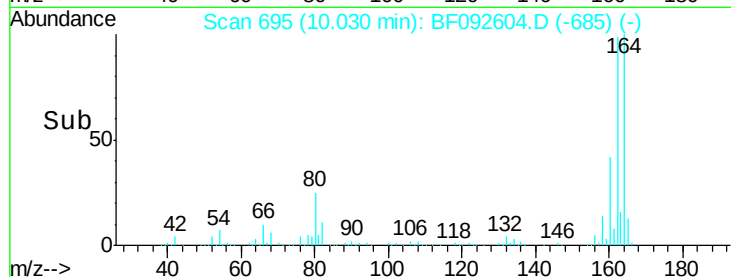
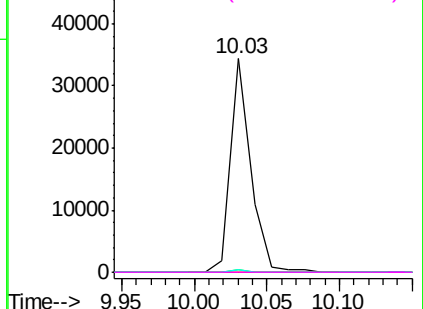


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

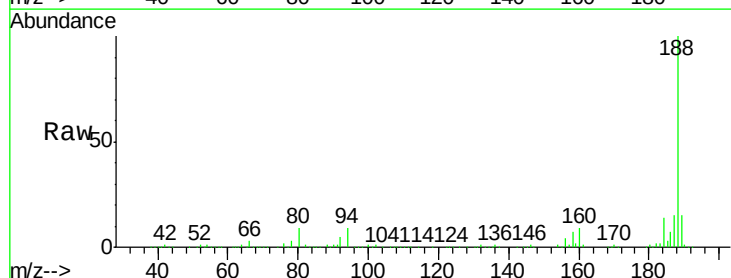
Tgt Ion:188 Resp: 389047

Ion Ratio Lower Upper

188 100

94 8.7 10.0 15.0#

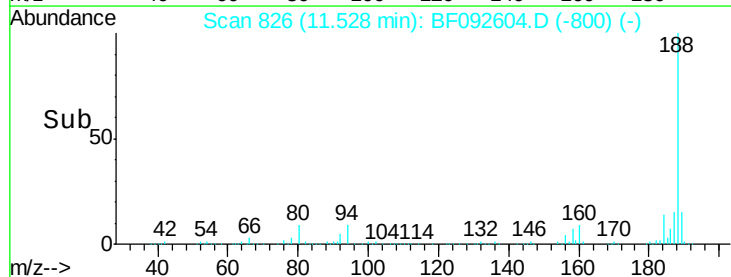
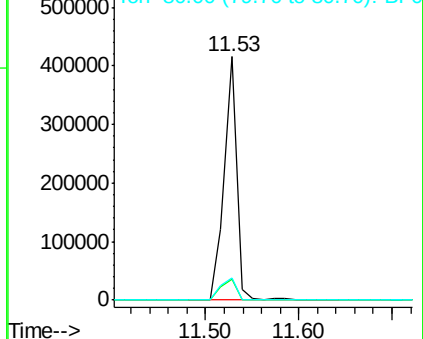
80 9.3 11.2 16.8#

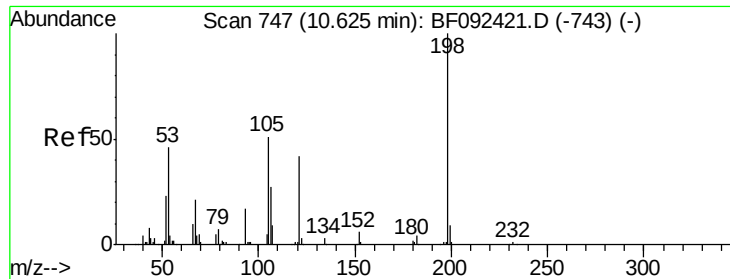


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

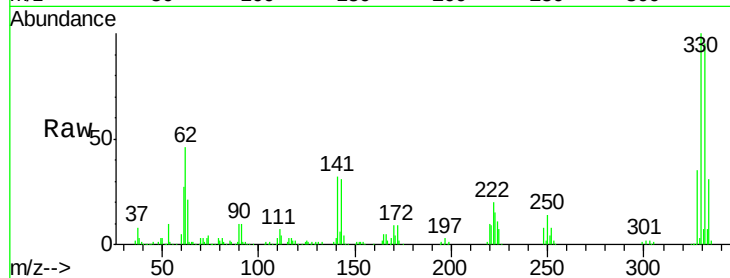




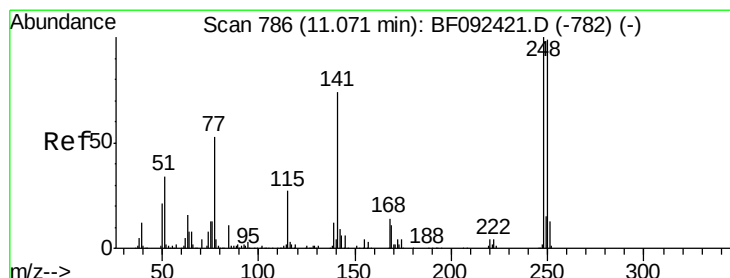
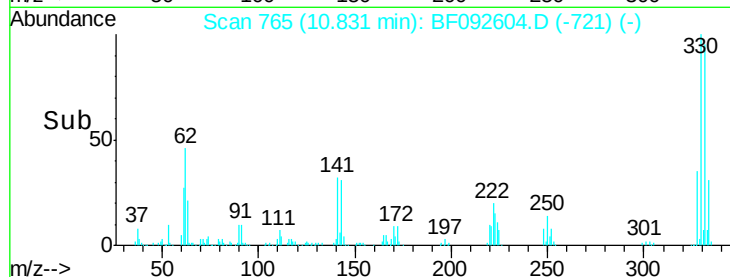
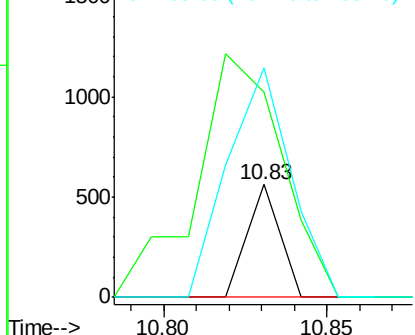
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.12 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.21 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:198 Resp: 385
 Ion Ratio Lower Upper
 198 100
 51 182.7 6.7 46.7#
 105 204.1 16.6 56.6#

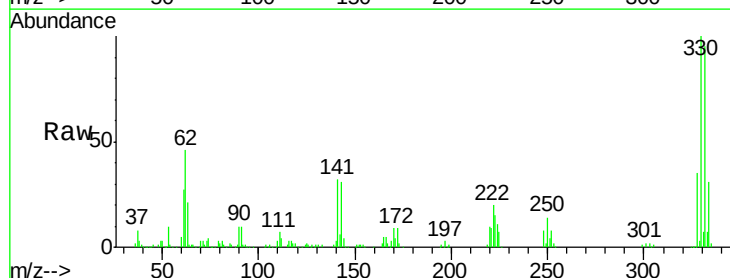


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

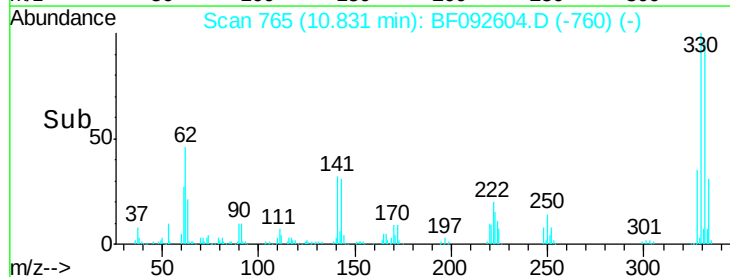
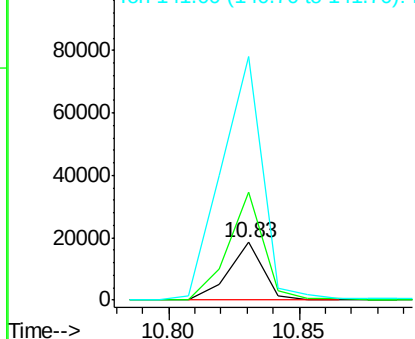


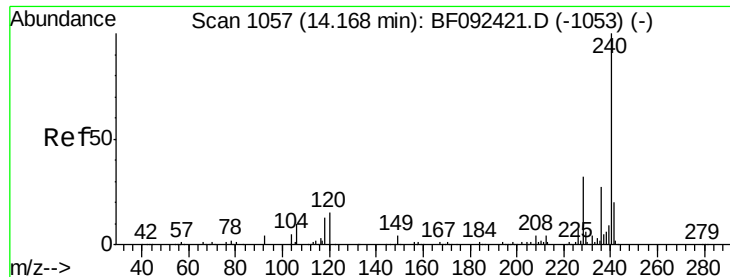
#66
 4-Bromophenyl-phenylether
 Concen: 4.40 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.24 min
 Lab File: BF092604.D
 Acq: 28 Jan 2017 4:17

Tgt Ion:248 Resp: 17282
 Ion Ratio Lower Upper
 248 100
 250 187.2 76.9 115.3#
 141 420.4 68.2 102.4#



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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

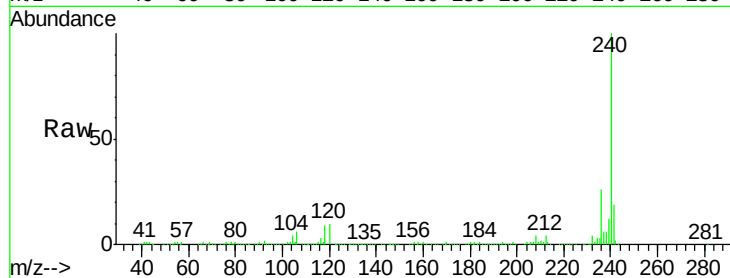
Tgt Ion:240 Resp: 321481

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

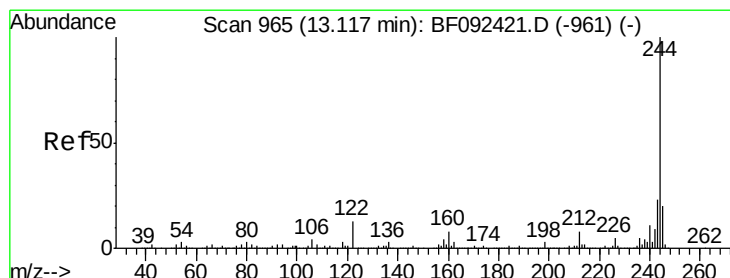
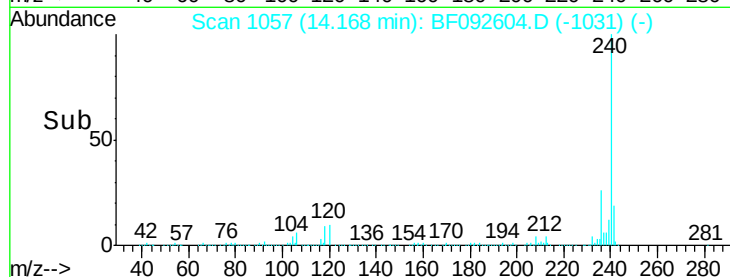
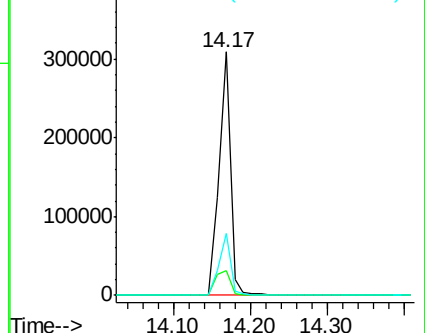
236 25.5 20.9 31.3



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: 93.71 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

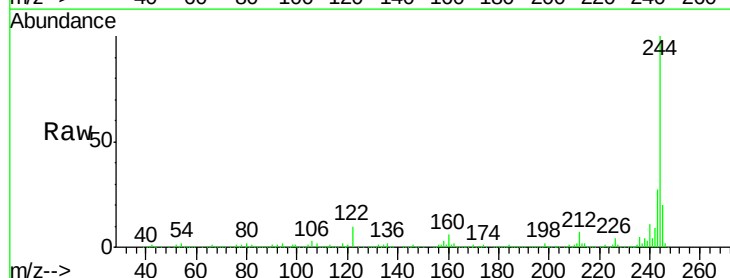
Tgt Ion:244 Resp: 1131384

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

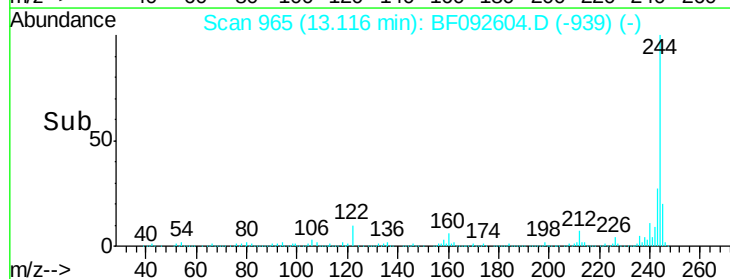
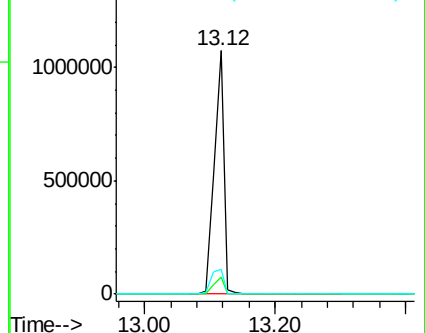
122 10.0 11.4 17.2#

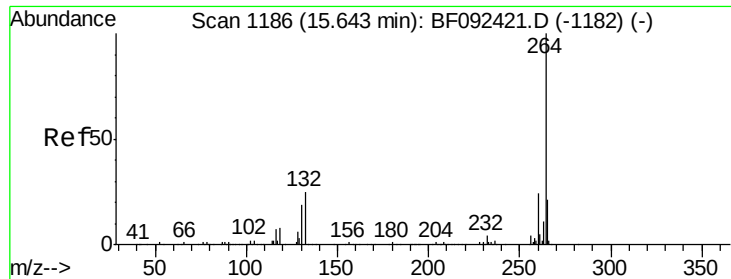


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092604.D
Acq: 28 Jan 2017 4:17

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion: 264 Resp: 234309
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.4 26.0

