

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092611.D
 Acq On : 28 Jan 2017 7:55
 Operator : SJ/MA
 Sample : I1527-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Jan 29 23:46:30 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

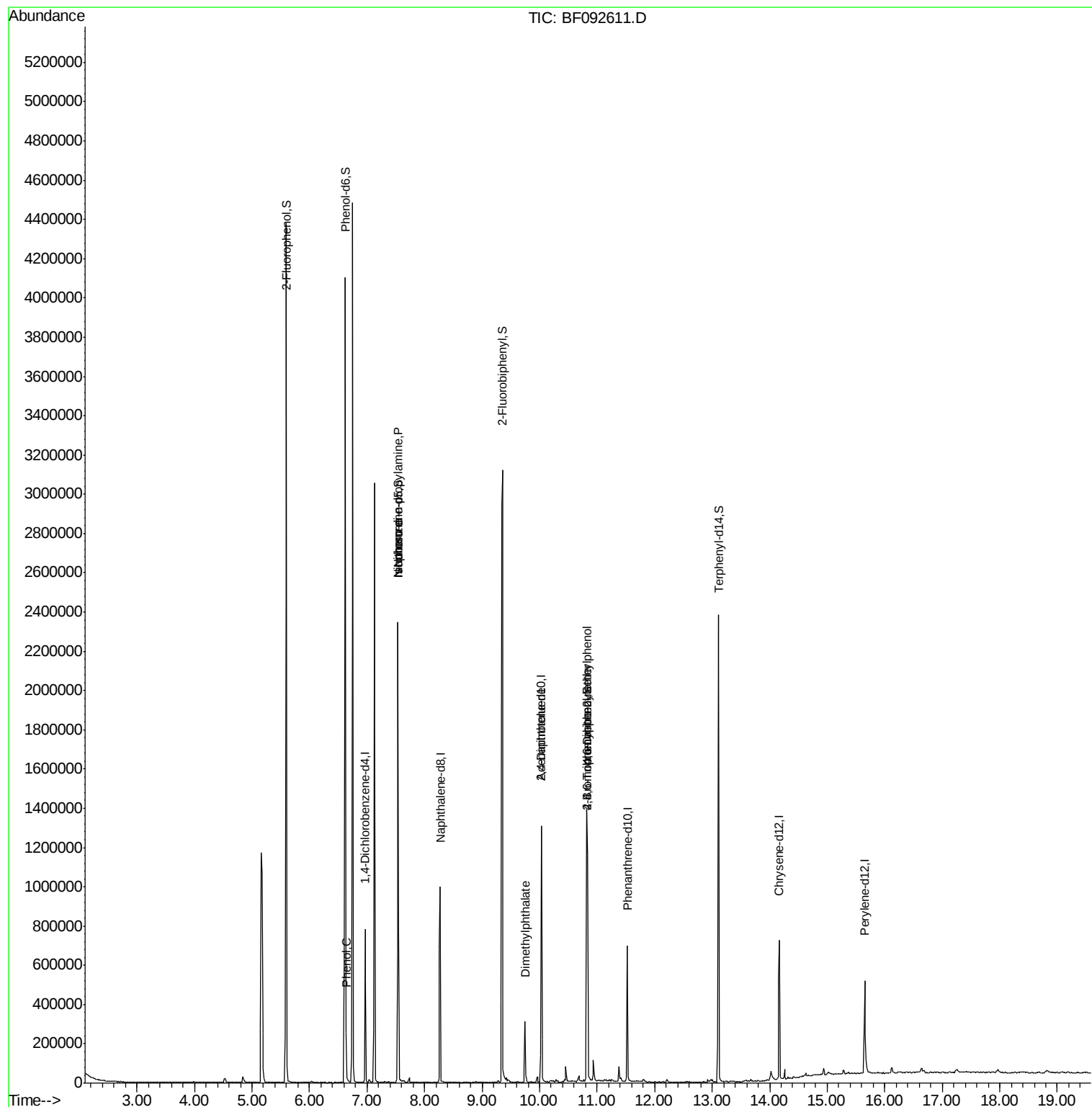
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148876	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	595136	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	277622	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	383688	20.00	ng	0.00
75) Chrysene-d12	14.17	240	331855	20.00	ng	0.00
86) Perylene-d12	15.65	264	233558	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1350247	141.11	ng	0.05
7) Phenol-d6	6.62	99	1742873	142.99	ng	0.03
23) Nitrobenzene-d5	7.54	82	878623	80.65	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	236065	124.78	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1616727	107.69	ng	0.00
78) Terphenyl-d14	13.12	244	1126745	90.41	ng	0.00
Target Compounds						
10) Phenol	6.64	94	70725	4.81	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	115231	13.88	ng	# 84
25) Isophorone	7.54	82	719920	33.53	ng	# 65
49) Dimethylphthalate	9.74	163	138017	7.82	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	35599	7.43	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	641	5.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	16297	4.21	ng	# 1

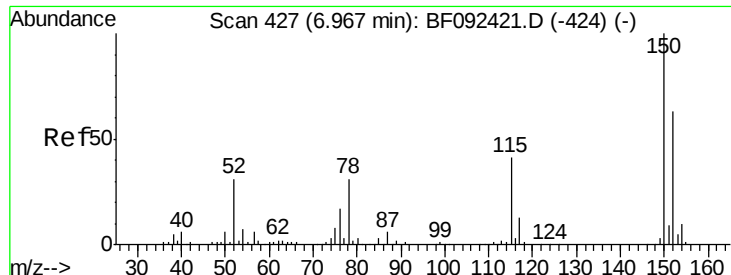
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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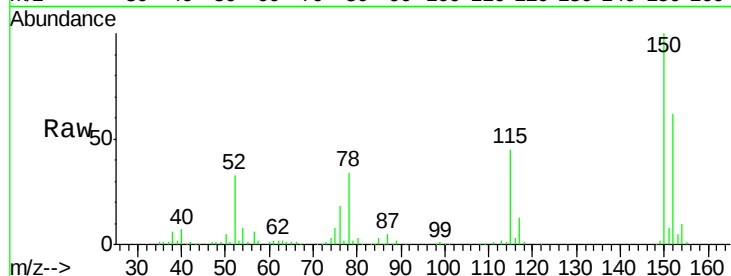




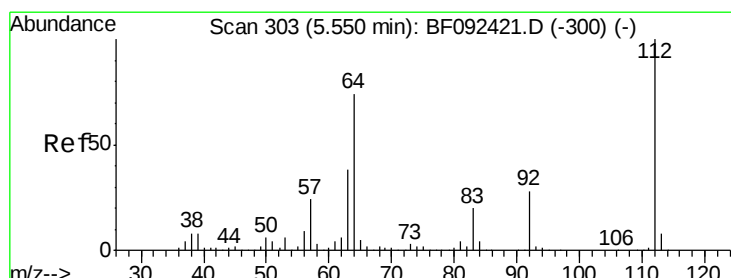
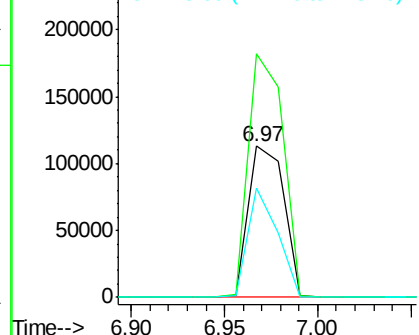
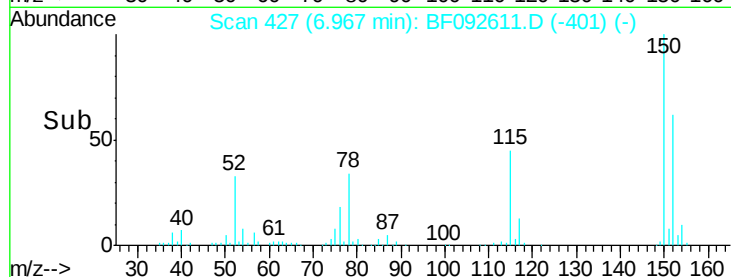
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:152 Resp: 148876
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.9 187.3
 115 72.0 46.0 69.0#

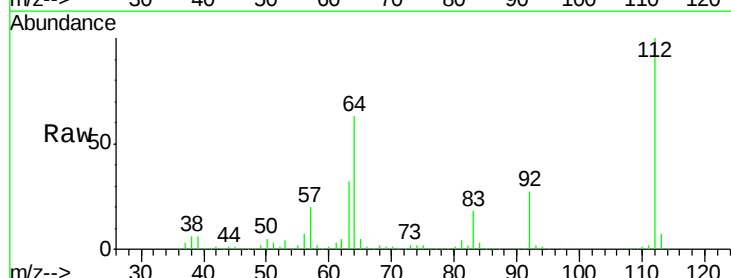


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

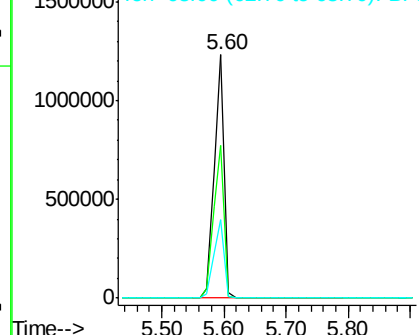
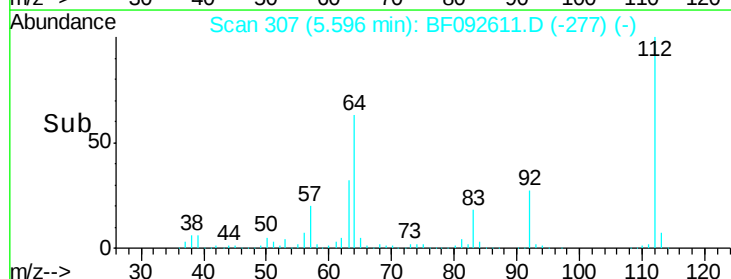


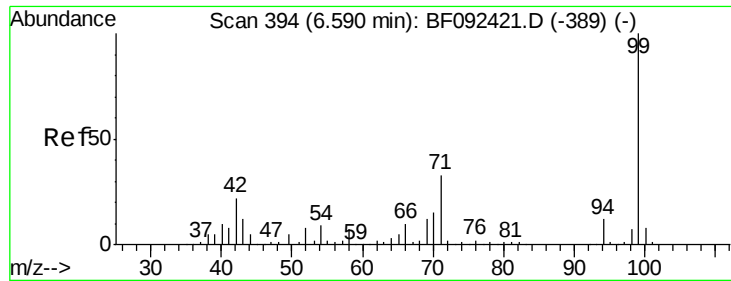
#5
 2-Fluorophenol
 Concen: 141.11 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Tgt Ion:112 Resp: 1350247
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.1 69.1
 63 32.0 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: 142.99 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

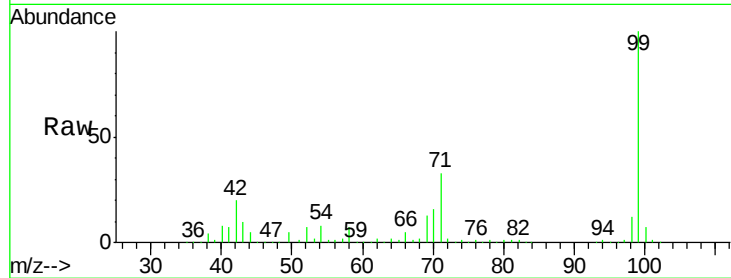
Tgt Ion: 99 Resp: 1742873

Ion Ratio Lower Upper

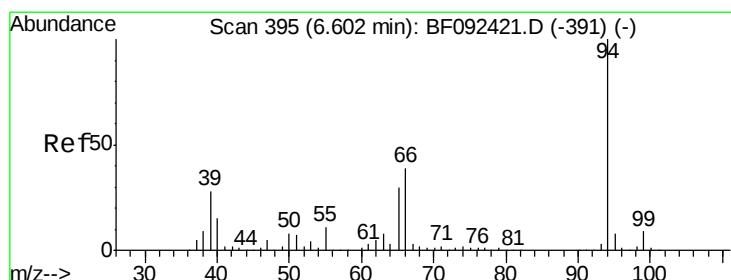
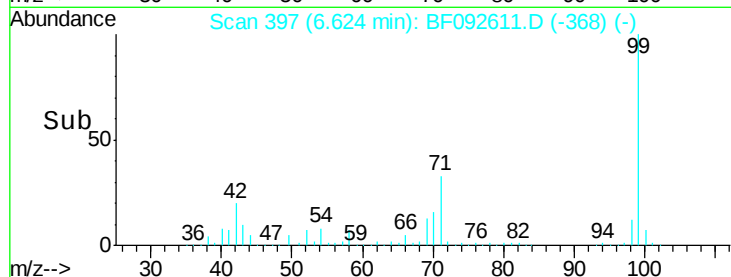
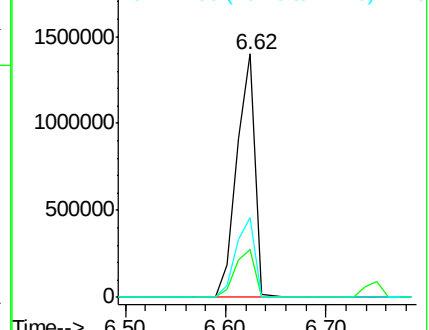
99 100

42 19.6 15.6 23.4

71 32.9 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: 4.81 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

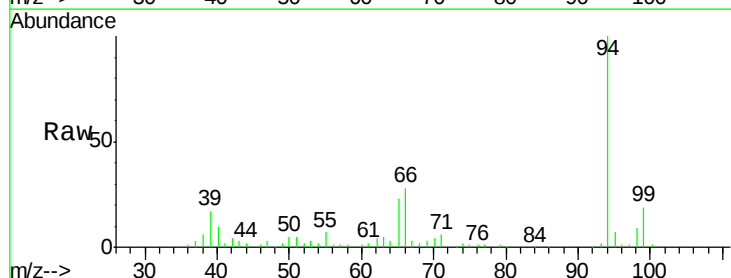
Tgt Ion: 94 Resp: 70725

Ion Ratio Lower Upper

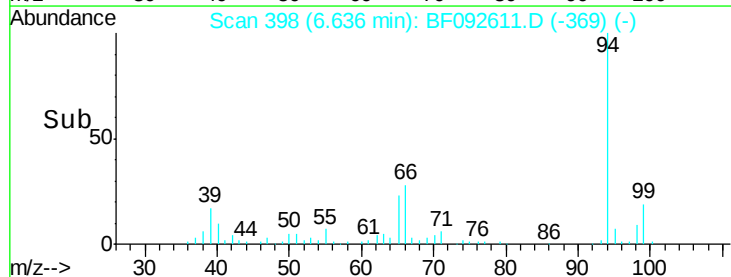
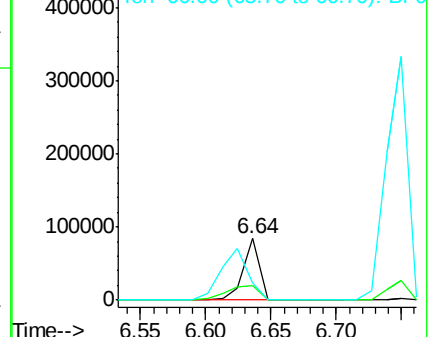
94 100

65 22.7 21.4 61.4

66 28.5 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

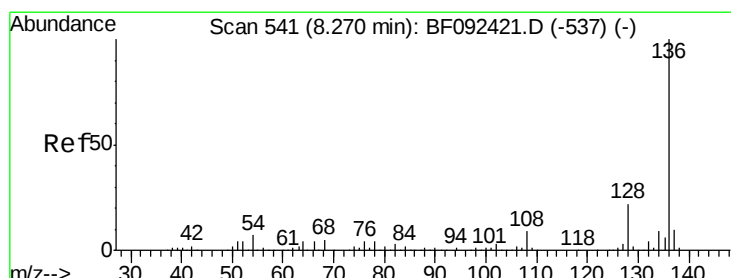
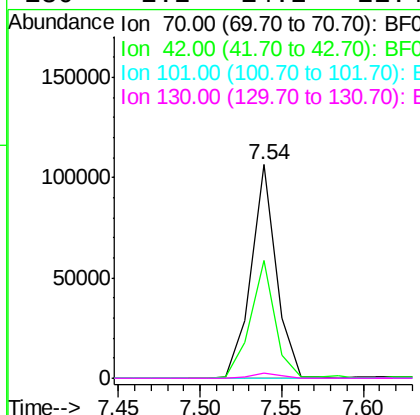
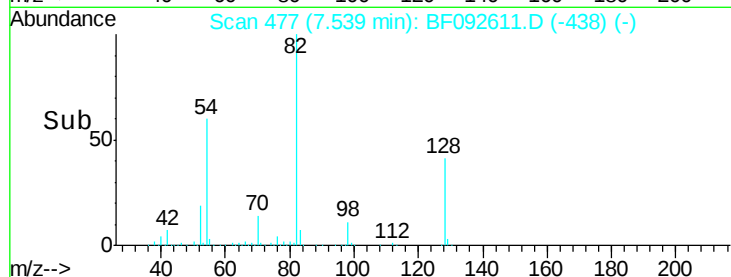
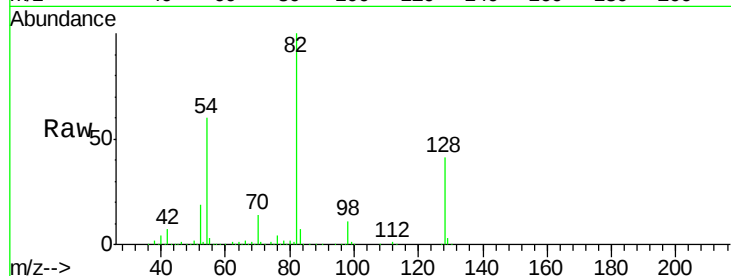




#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092611.D
Acq: 28 Jan 2017 7:55

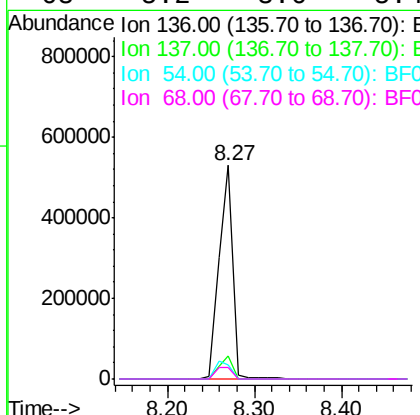
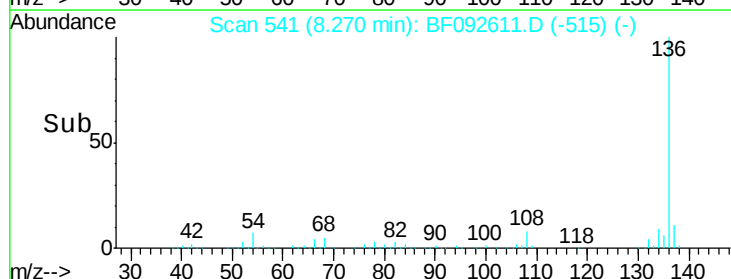
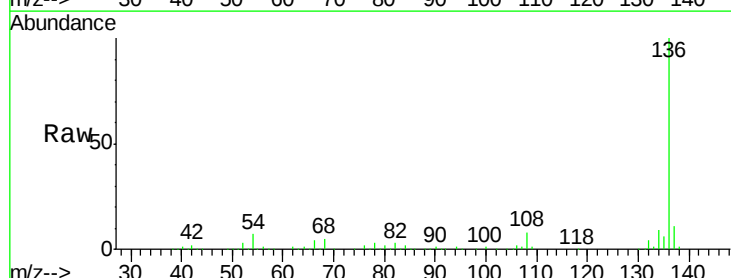
Instrument :
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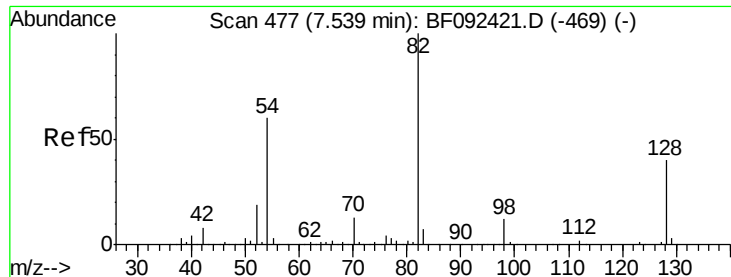
Tgt Ion: 70 Resp: 115231
Ion Ratio Lower Upper
70 100
42 54.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092611.D
Acq: 28 Jan 2017 7:55

Tgt Ion: 136 Resp: 595136
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.8 4.5 6.7#
68 5.2 3.6 5.4

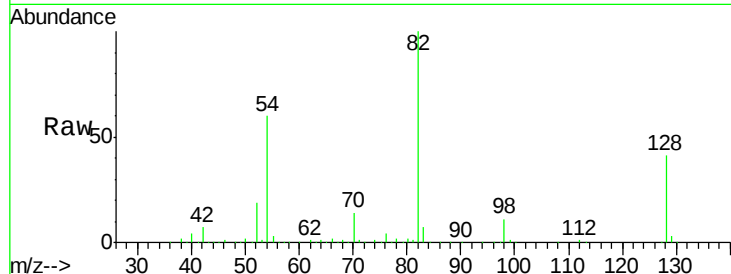




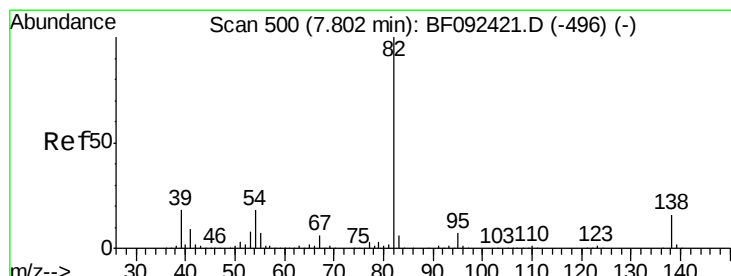
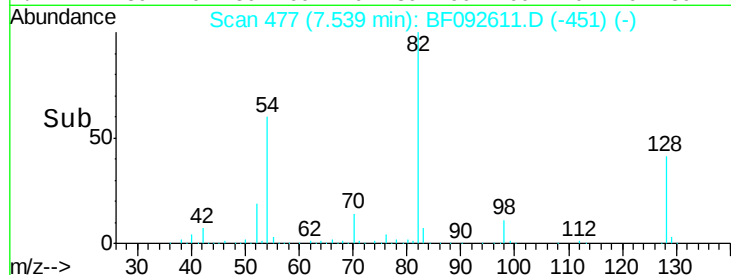
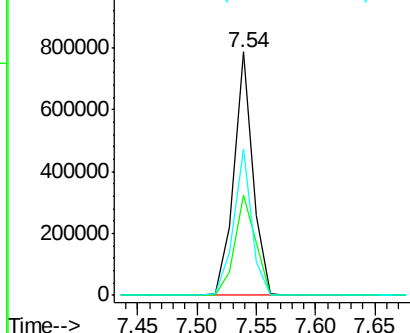
#23
 Nitrobenzene-d5
 Concen: 80.65 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion: 82 Resp: 878623
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 60.0 39.5 59.3#

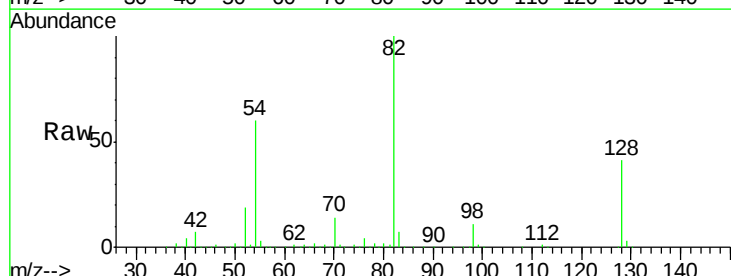


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

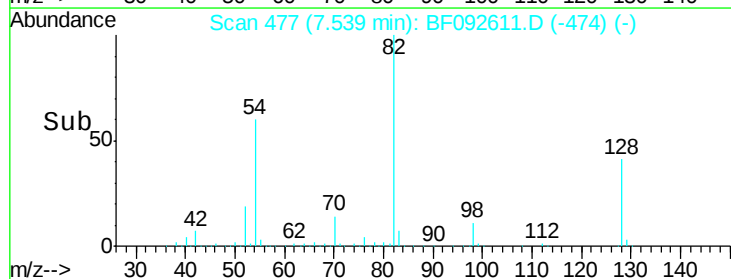
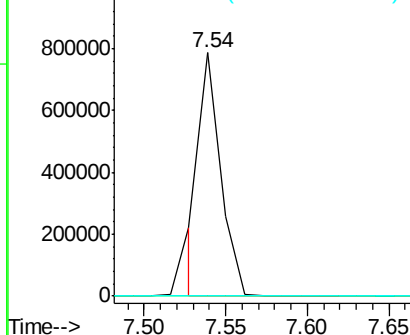


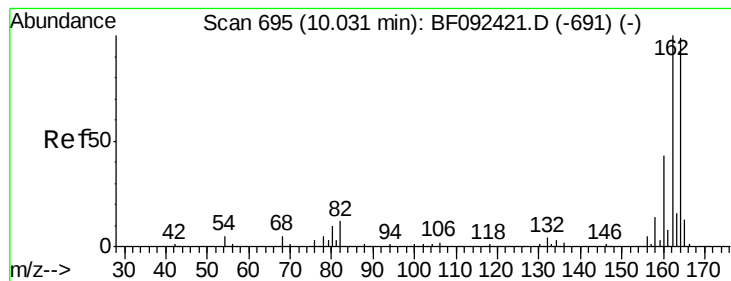
#25
 Isophorone
 Concen: 33.53 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Tgt Ion: 82 Resp: 719920
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

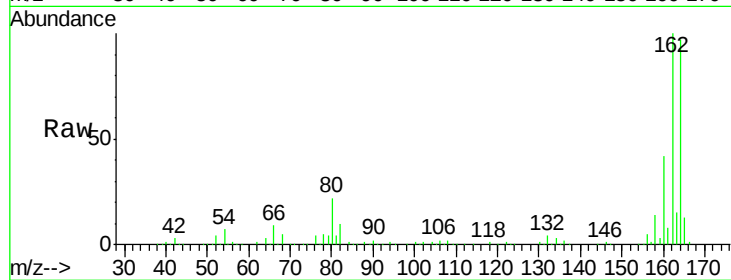
Tgt Ion:164 Resp: 277622

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

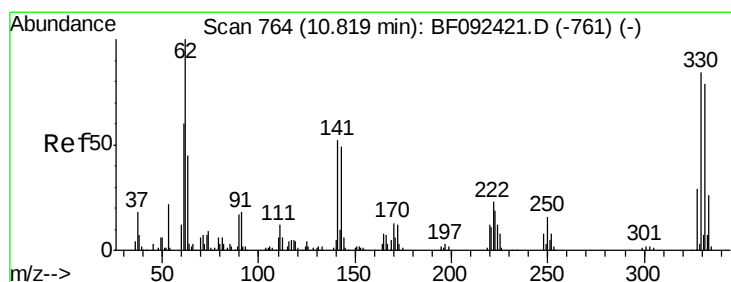
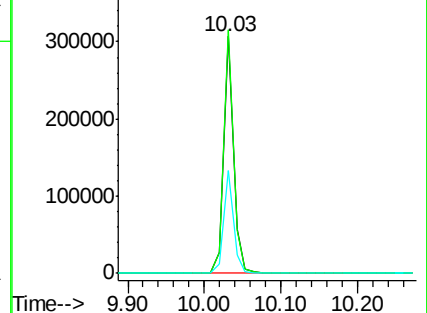
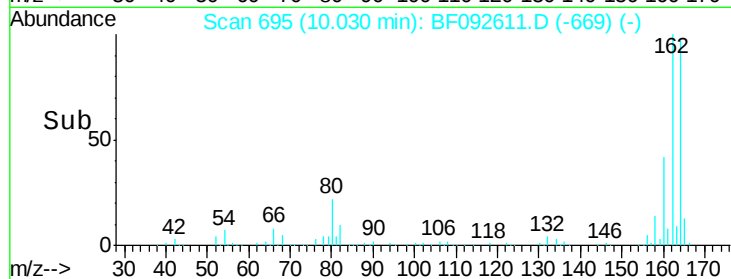
160 43.6 36.9 55.3



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: 124.78 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

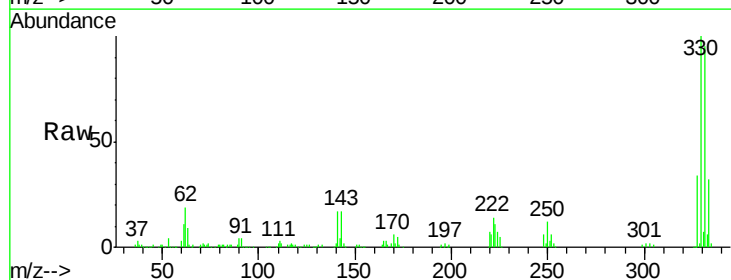
Tgt Ion:330 Resp: 236065

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

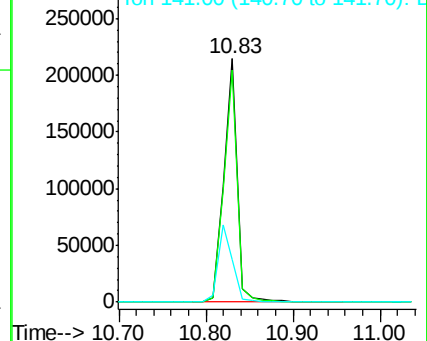
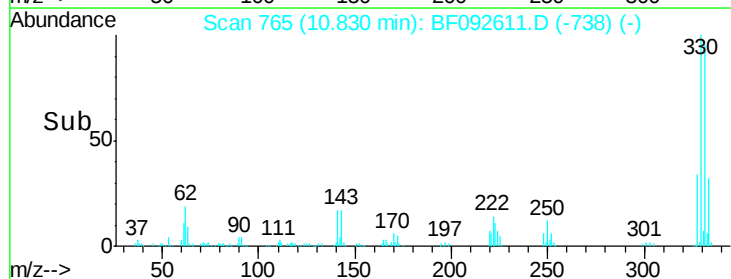
141 34.0 34.1 51.1#

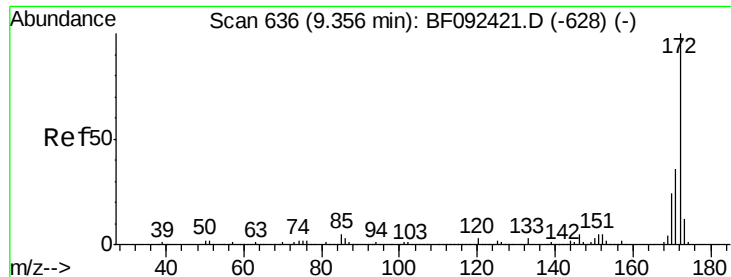


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

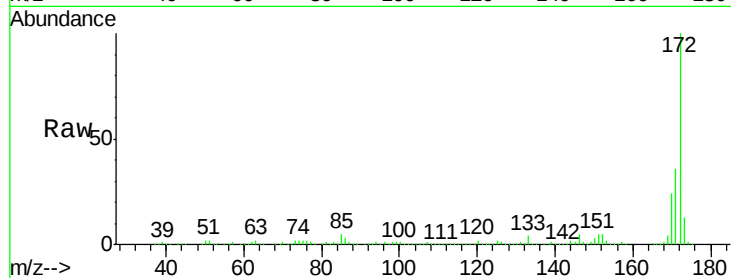




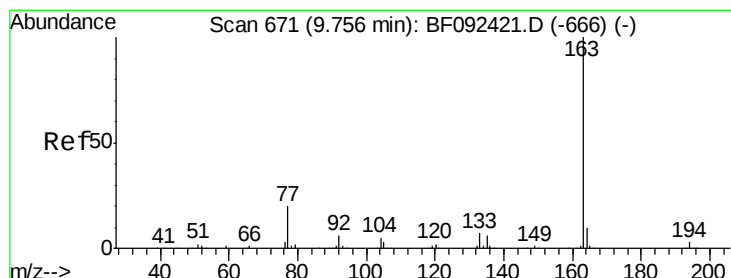
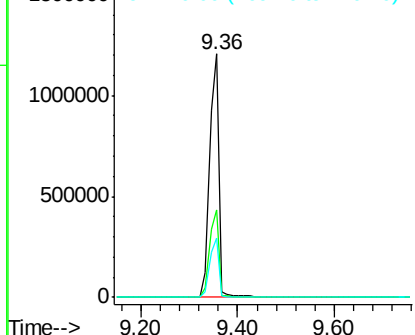
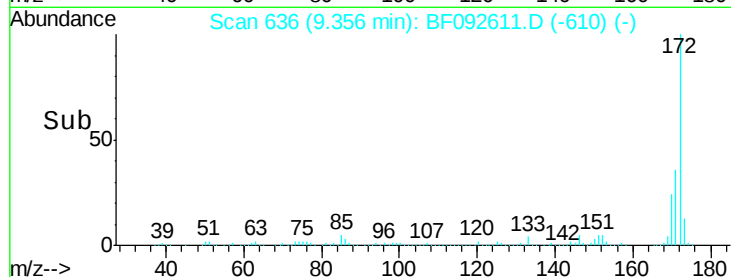
#44
 2-Fluorobiphenyl
 Concen: 107.69 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

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Tgt Ion:172 Resp: 1616727
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4

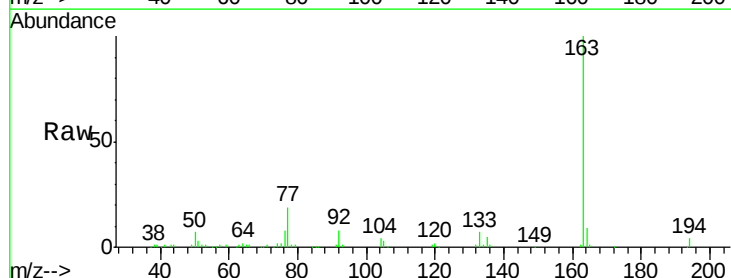


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

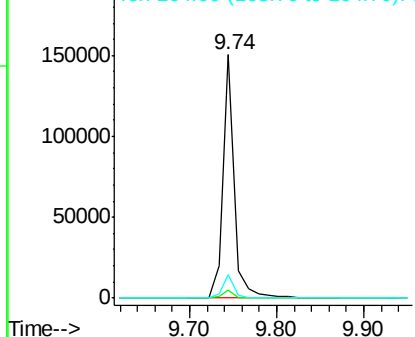
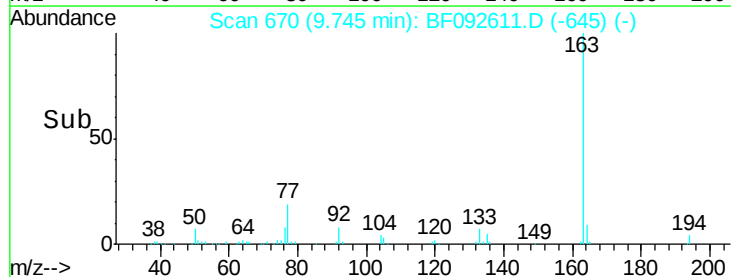


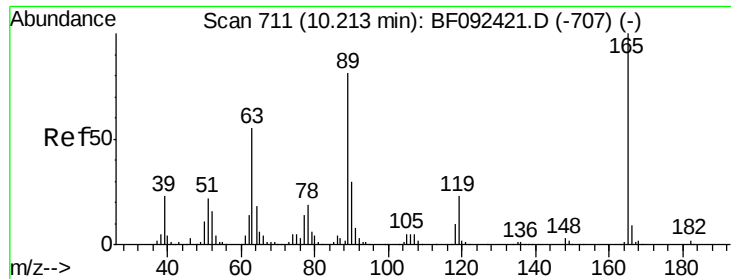
#49
 Dimethylphthalate
 Concen: 7.82 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Tgt Ion:163 Resp: 138017
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.5 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

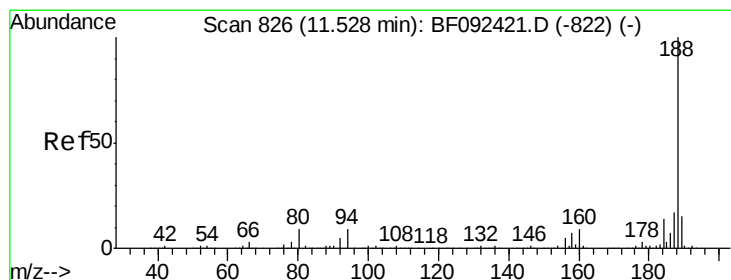
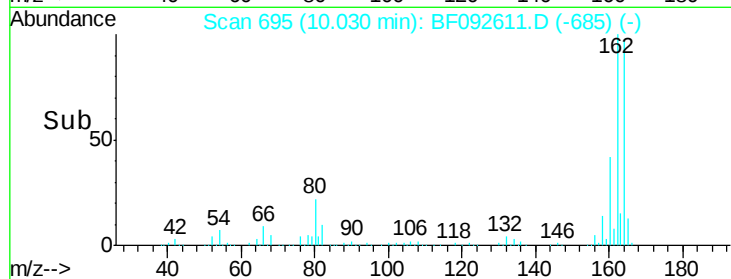
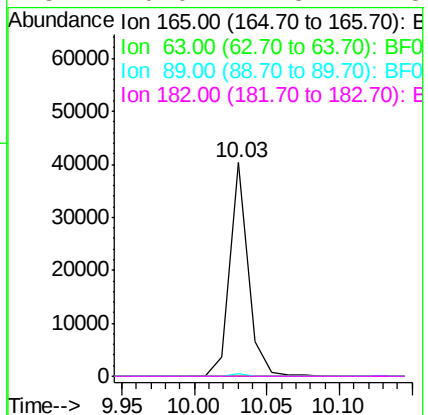
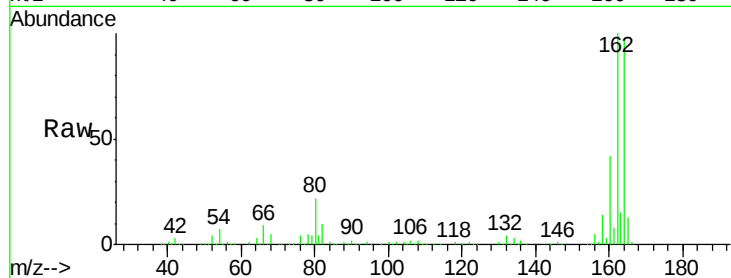




#56
 2,4-Dinitrotoluene
 Concen: 7.43 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

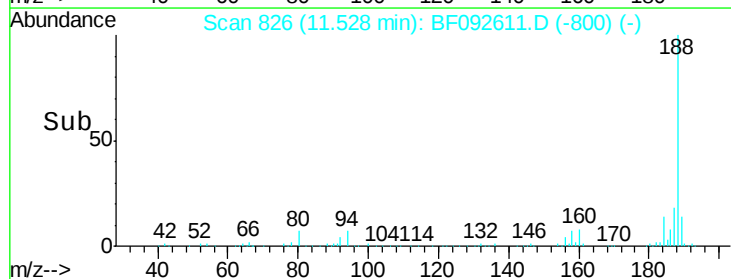
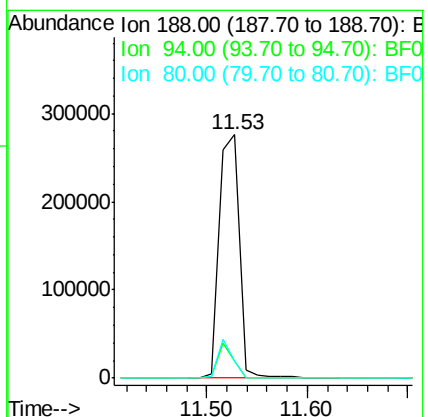
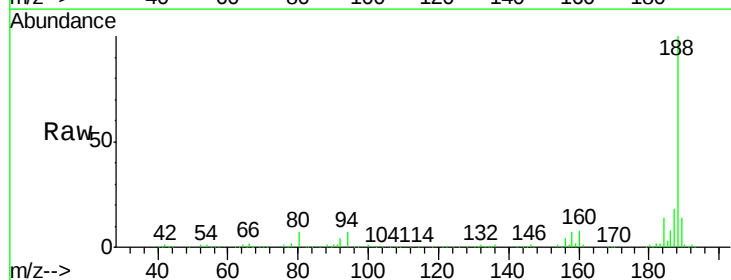
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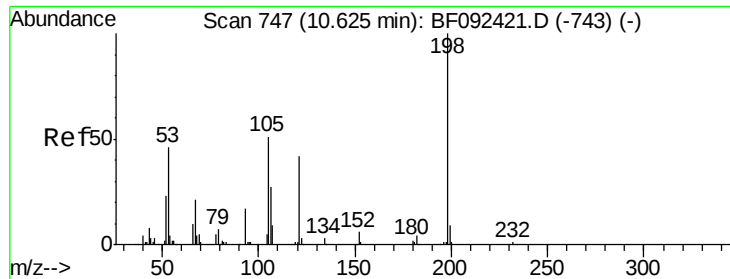
Tgt Ion:	165	Resp:	35599
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Tgt Ion:	188	Resp:	383688
Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.0	11.2	16.8#

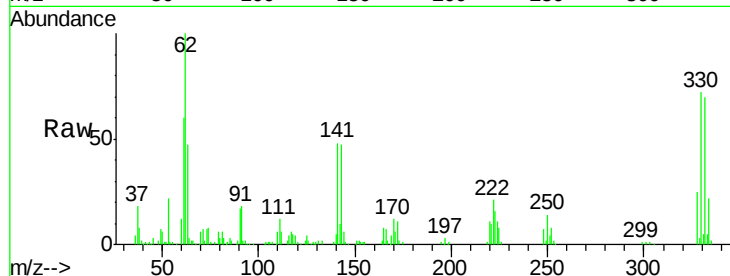




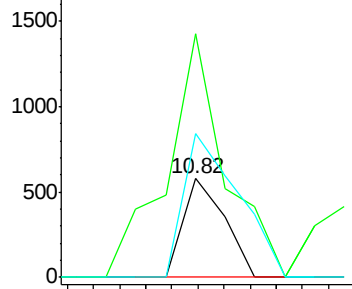
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.23 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

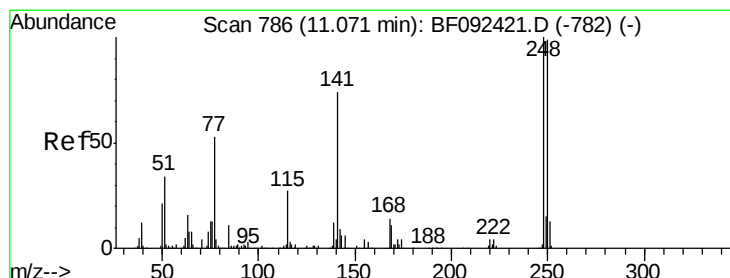
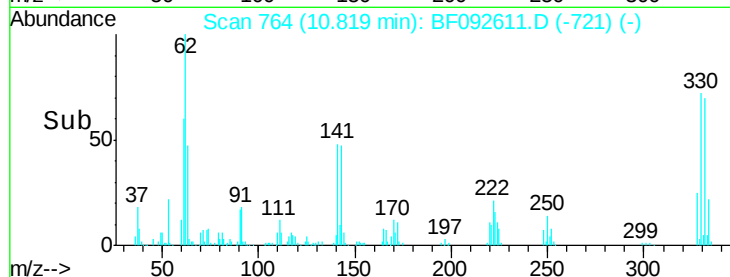
Tgt Ion:198 Resp: 641
 Ion Ratio Lower Upper
 198 100
 51 247.5 6.7 46.7#
 105 145.6 16.6 56.6#



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

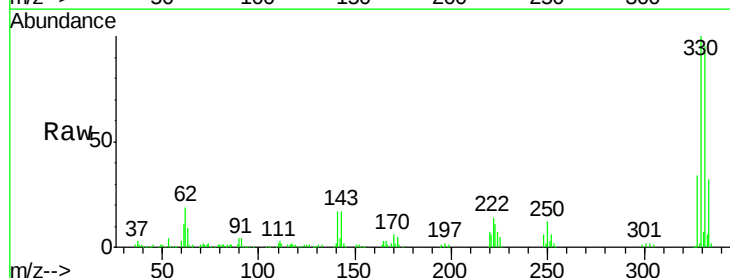


Time-->

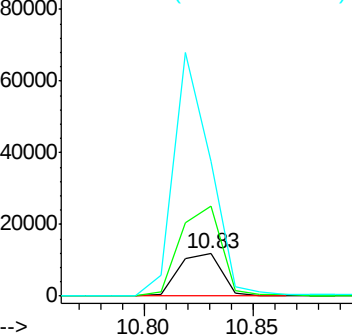


#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.24 min
 Lab File: BF092611.D
 Acq: 28 Jan 2017 7:55

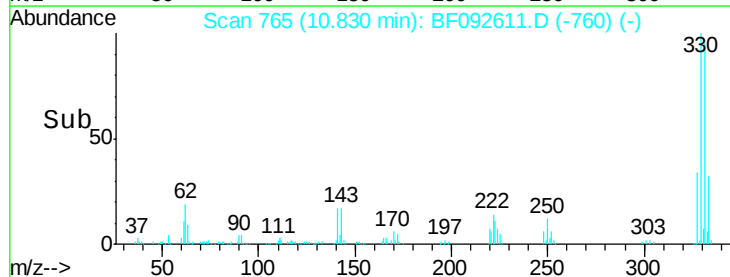
Tgt Ion:248 Resp: 16297
 Ion Ratio Lower Upper
 248 100
 250 213.1 76.9 115.3#
 141 316.3 68.2 102.4#

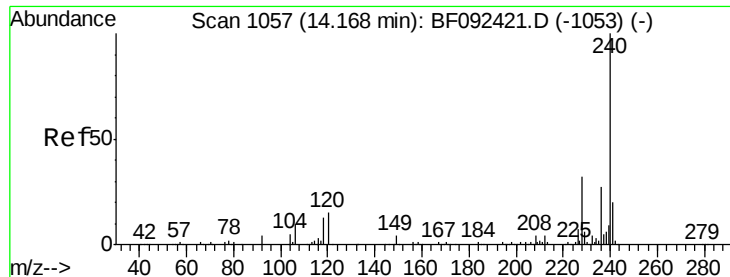


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

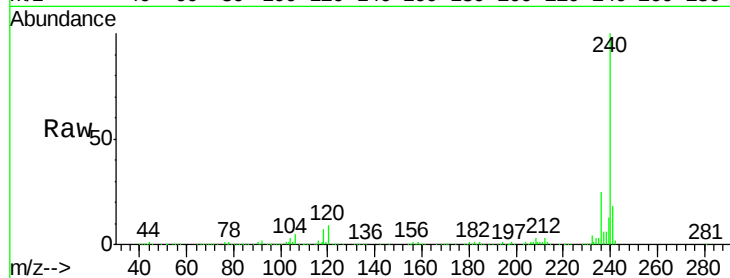
Tgt Ion:240 Resp: 331855

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

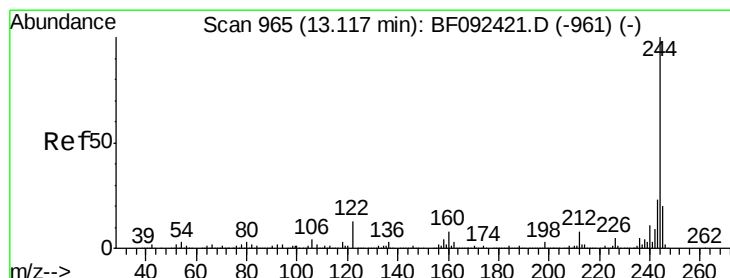
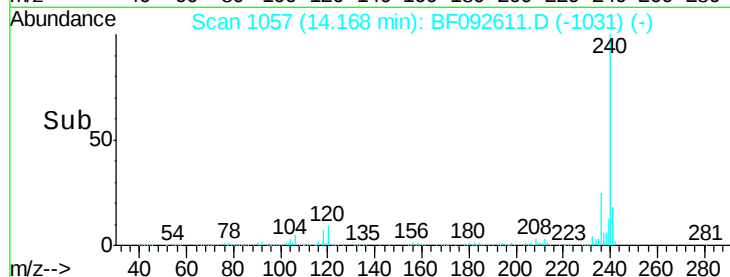
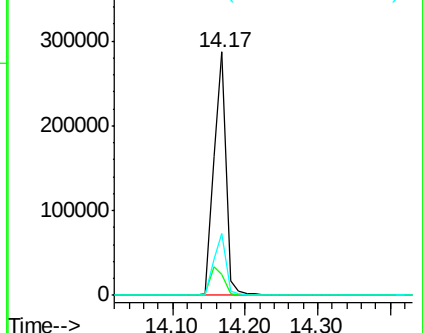
236 25.3 20.9 31.3



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: 90.41 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092611.D

Acq: 28 Jan 2017 7:55

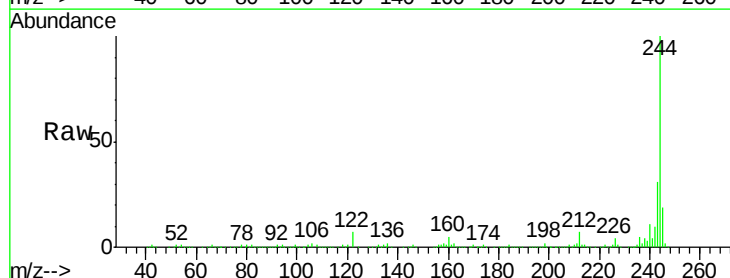
Tgt Ion:244 Resp: 1126745

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

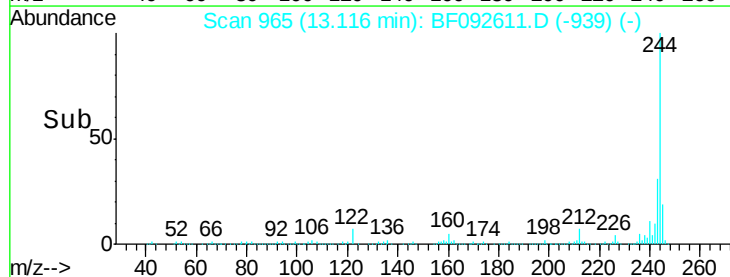
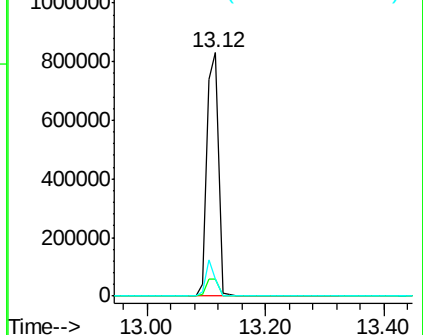
122 7.1 11.4 17.2#

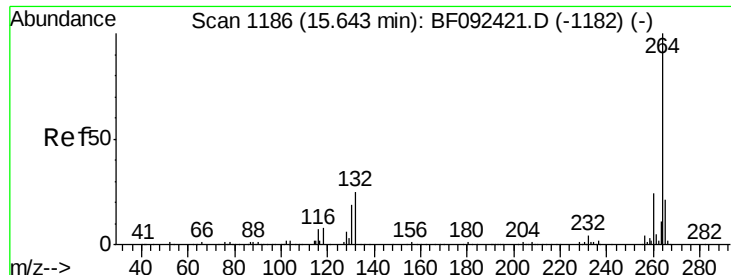


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

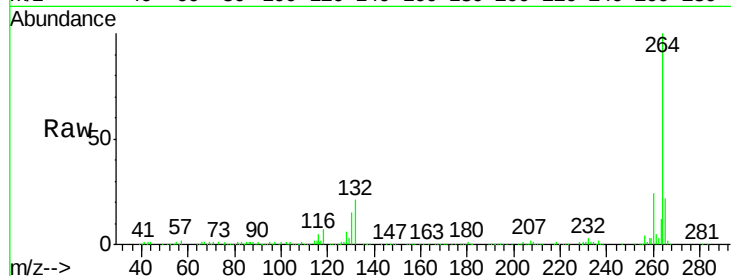




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092611.D
Acq: 28 Jan 2017 7:55

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion: 264 Resp: 233558
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.9 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

