

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092603.D
 Acq On : 28 Jan 2017 3:50
 Operator : SJ/MA
 Sample : I1527-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jan 28 04:29:58 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

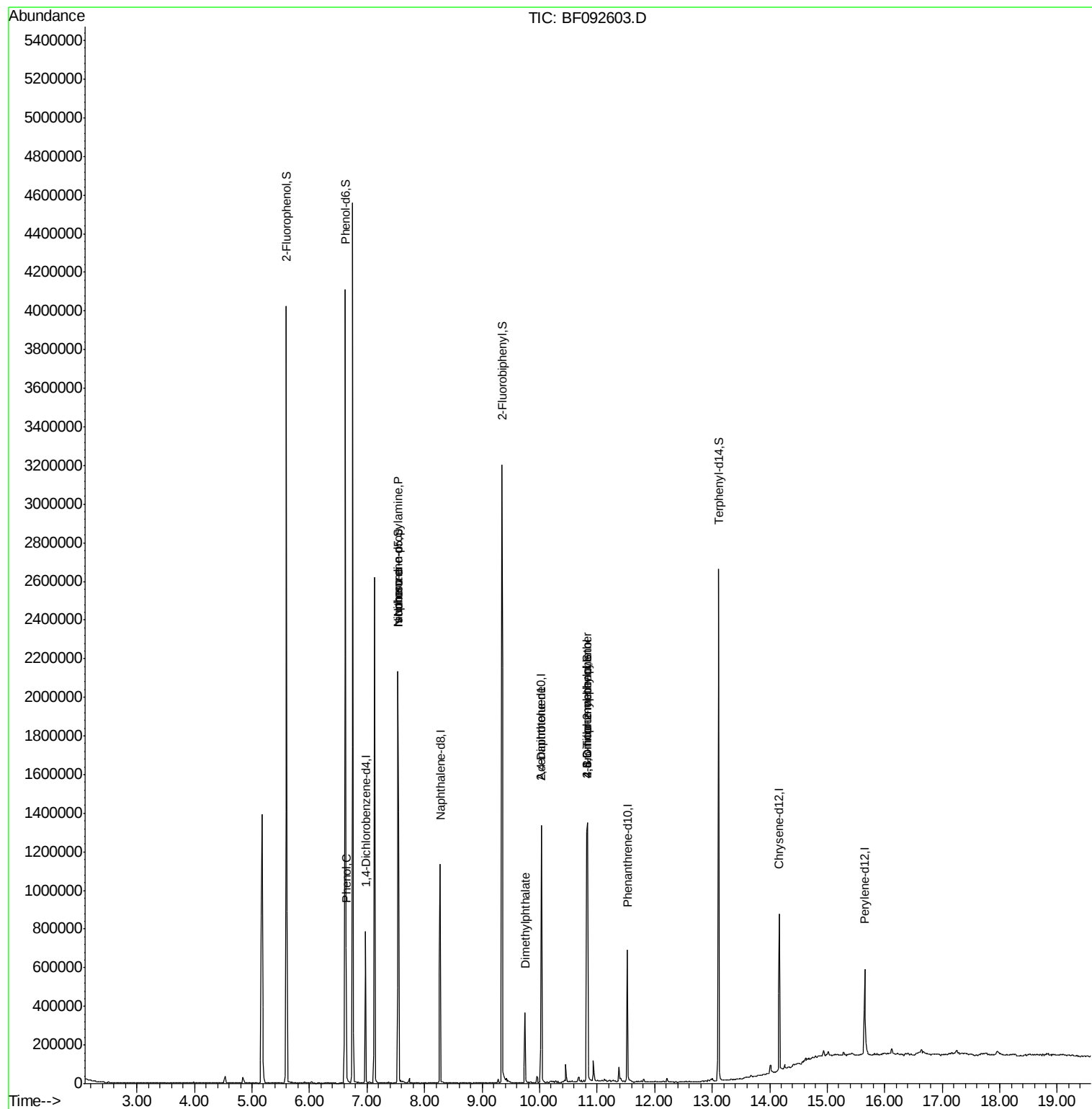
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	155842	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	600370	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	279165	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	389936	20.00	ng	0.00
75) Chrysene-d12	14.17	240	333223	20.00	ng	0.00
86) Perylene-d12	15.65	264	232334	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1237698	123.57	ng	0.05
7) Phenol-d6	6.62	99	1539730	120.68	ng	0.03
23) Nitrobenzene-d5	7.54	82	941383	85.65	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	241257	126.82	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1438334	95.27	ng	-0.01
78) Terphenyl-d14	13.12	244	1107238	88.48	ng	0.00
Target Compounds						
10) Phenol	6.64	94	111231	7.22	ng	# 70
19) n-Nitroso-di-n-propylamine	7.54	70	122380	14.09	ng	# 83
25) Isophorone	7.54	82	823359	38.02	ng	# 65
49) Dimethylphthalate	9.74	163	161787	9.11	ng	99
56) 2,4-Dinitrotoluene	10.03	165	36534	7.59	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.83	198	483	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	17745	4.51	ng	# 1

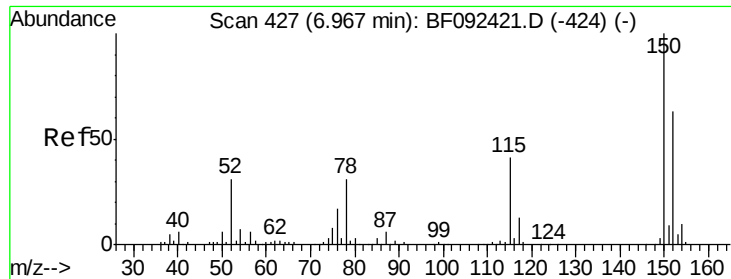
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092603.D

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BNA_F

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SB-04-COMP

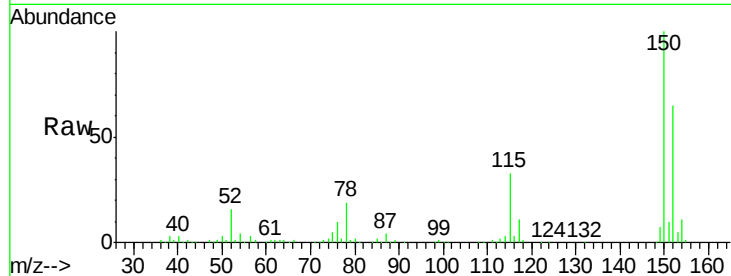
Tgt Ion:152 Resp: 155842

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

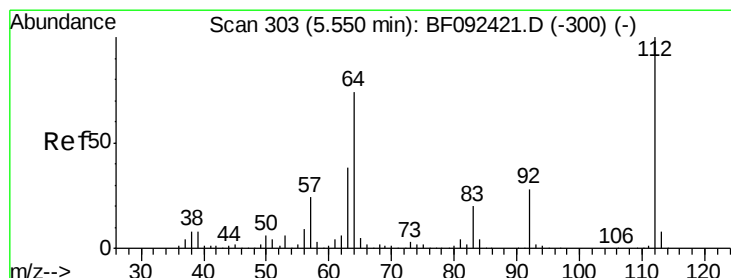
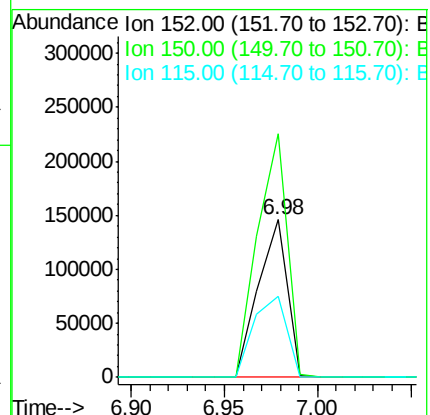
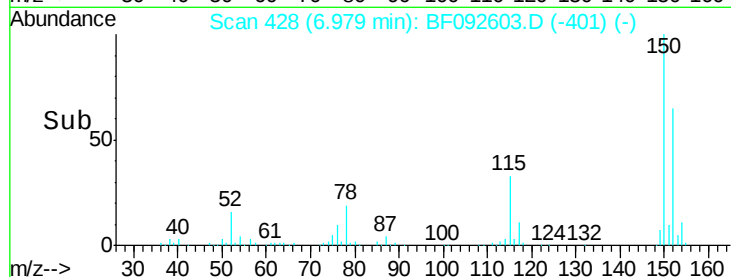
115 51.1 46.0 69.0



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: 123.57 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

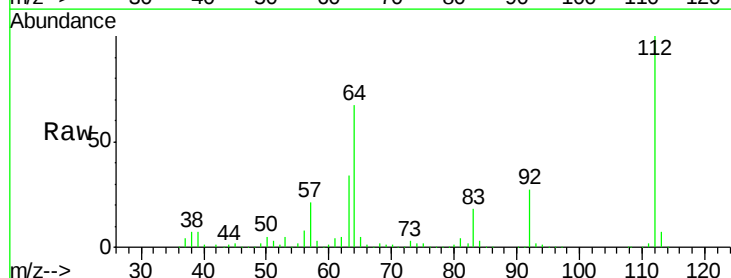
Tgt Ion:112 Resp: 1237698

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

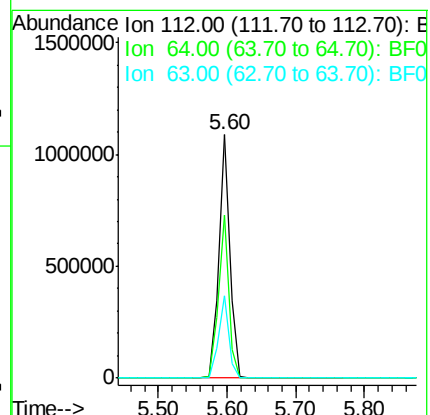
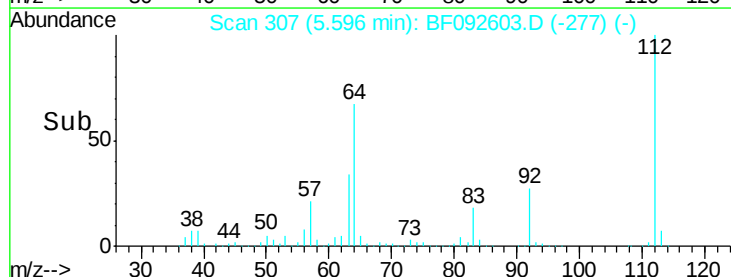
63 33.9 23.8 35.6

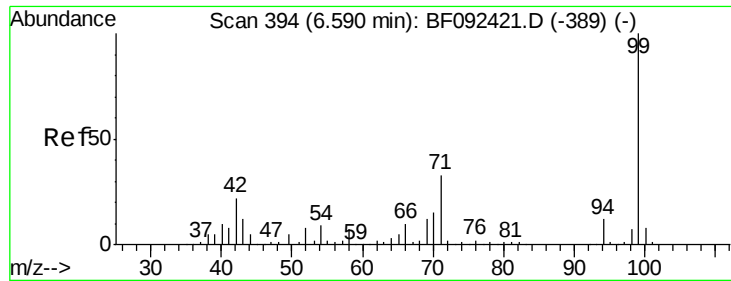


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.68 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

Instrument :

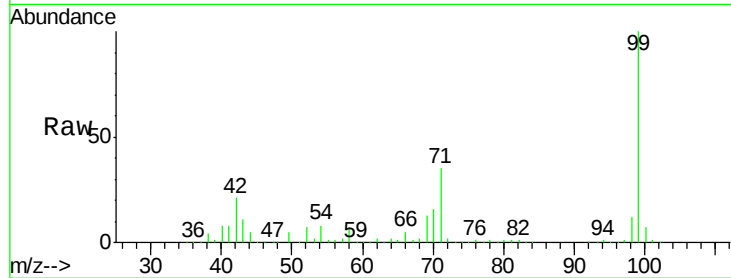
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1539730

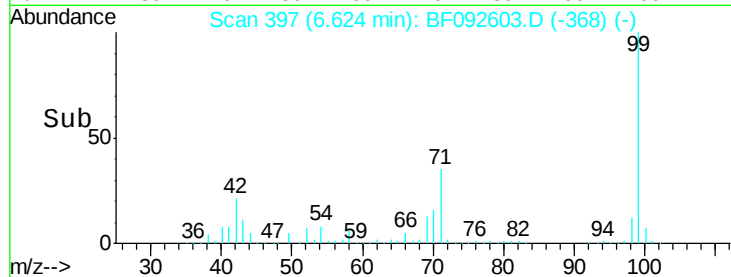
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.6	23.4
71	34.6	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

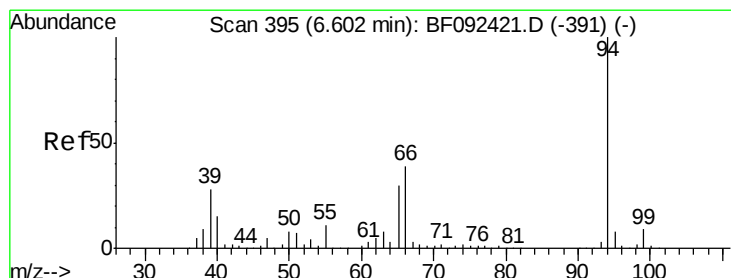
Ion 71.00 (70.70 to 71.70): BF0



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: 7.22 ng

RT: 6.64 min Scan# 398

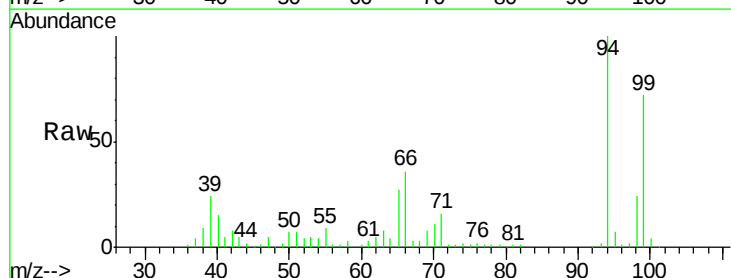
Delta R.T. 0.03 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

Tgt Ion: 94 Resp: 111231

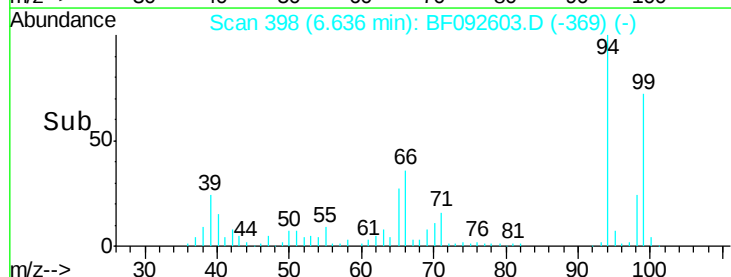
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	61.4
66	36.5	44.0	84.0#



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



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

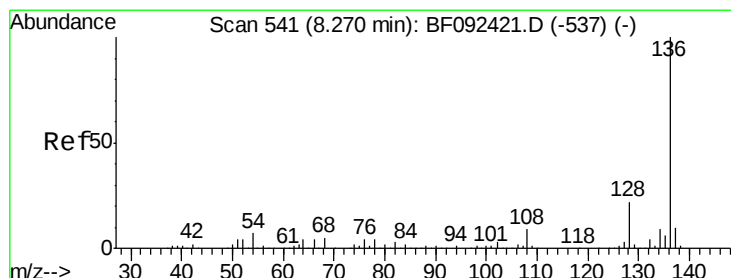
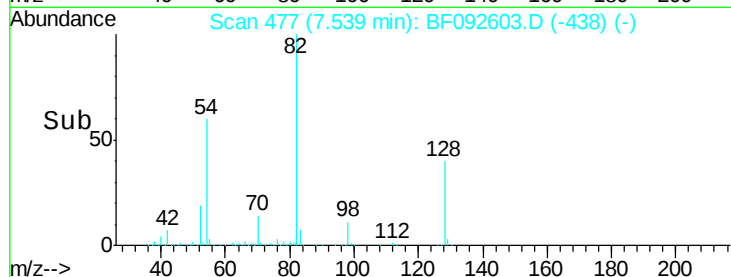
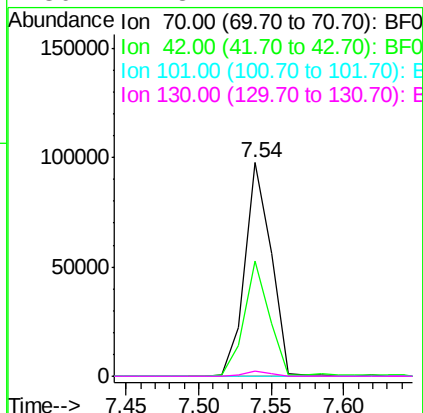
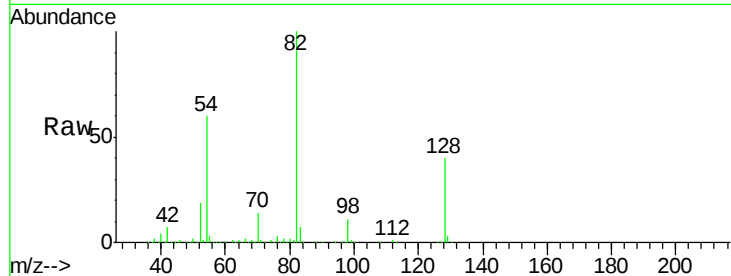
Ion 66.00 (65.70 to 66.70): BF0



#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092603.D
Acq: 28 Jan 2017 3:50

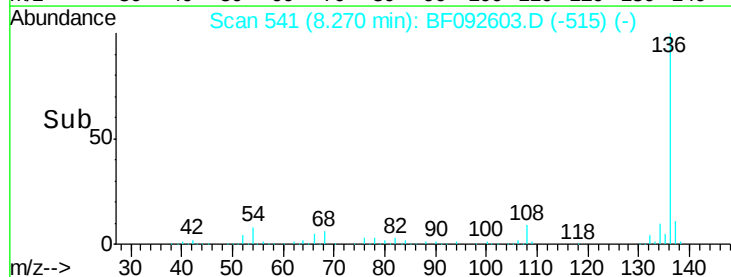
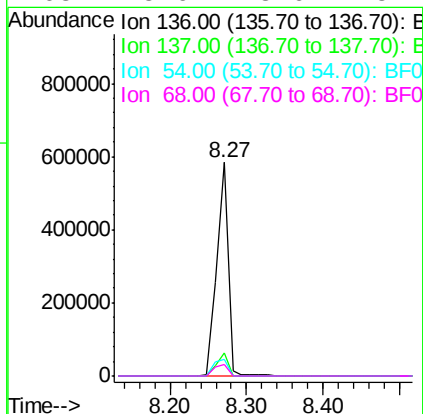
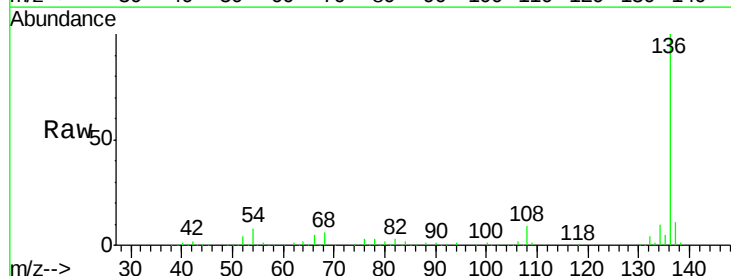
Instrument :
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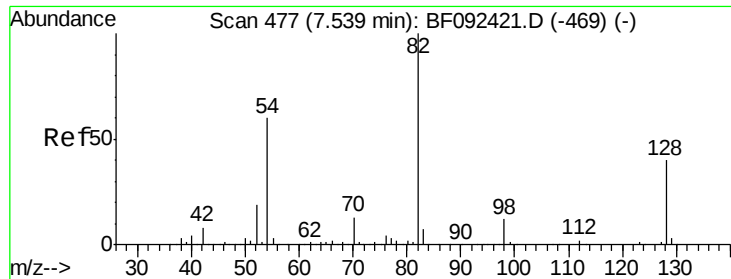
Tgt Ion: 70 Resp: 122380
Ion Ratio Lower Upper
70 100
42 54.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092603.D
Acq: 28 Jan 2017 3:50

Tgt Ion: 136 Resp: 600370
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.6 4.5 6.7#
68 5.6 3.6 5.4#

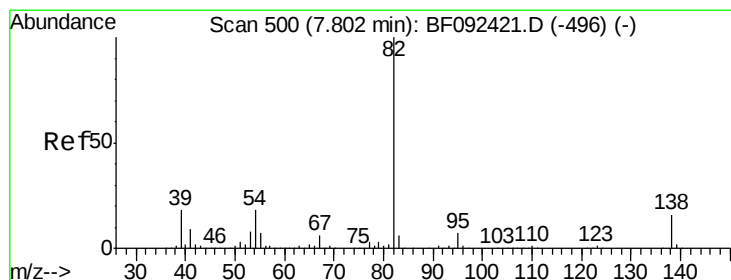
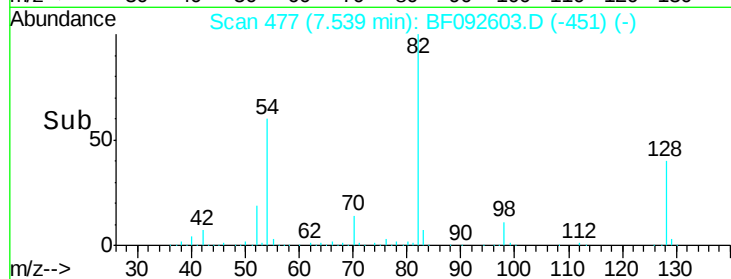
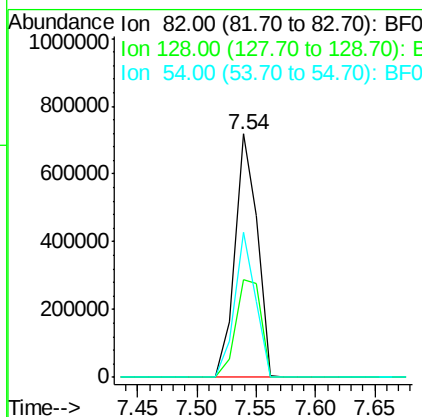
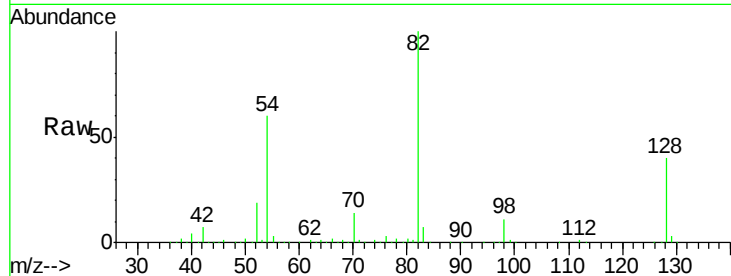




#23
 Nitrobenzene-d5
 Concen: 85.65 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092603.D
 Acq: 28 Jan 2017 3:50

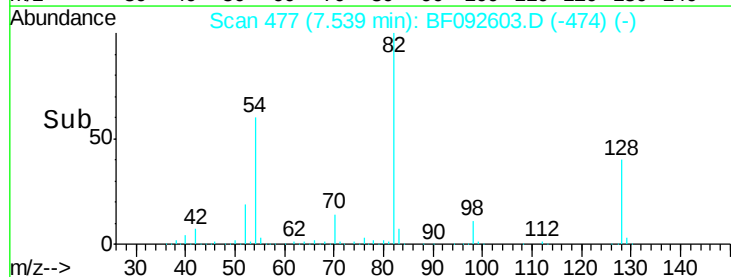
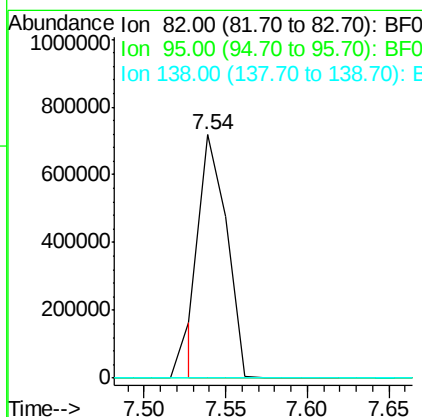
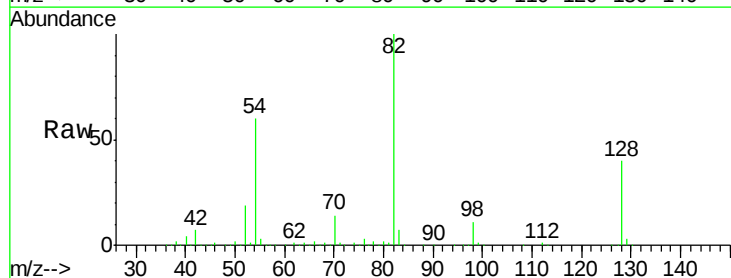
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

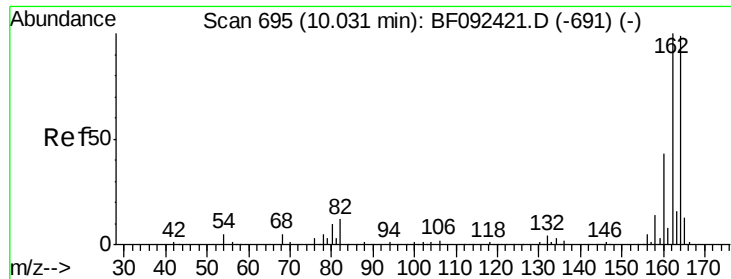
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	59.7	39.5	59.3#



#25
 Isophorone
 Concen: 38.02 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092603.D
 Acq: 28 Jan 2017 3:50

Tgt 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: BF092603.D

Acq: 28 Jan 2017 3:50

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

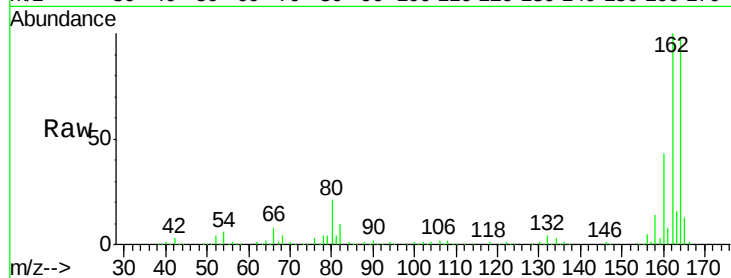
Tgt Ion:164 Resp: 279165

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

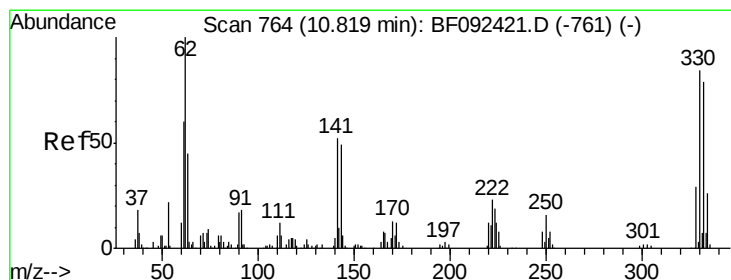
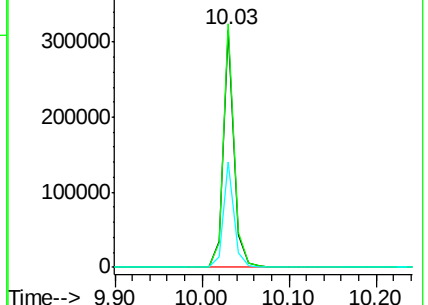
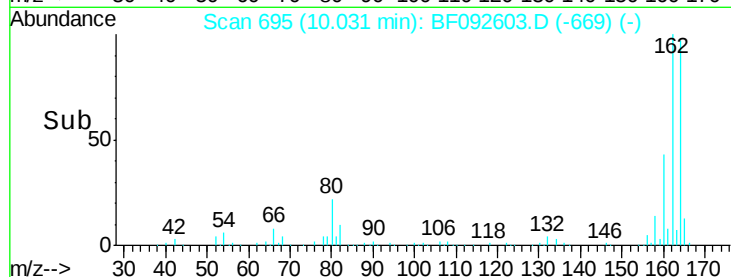
160 44.3 36.9 55.3



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: 126.82 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

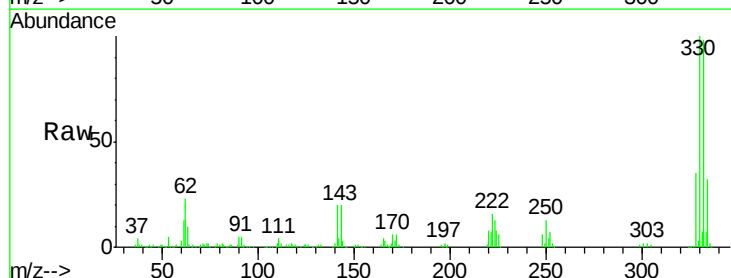
Tgt Ion:330 Resp: 241257

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

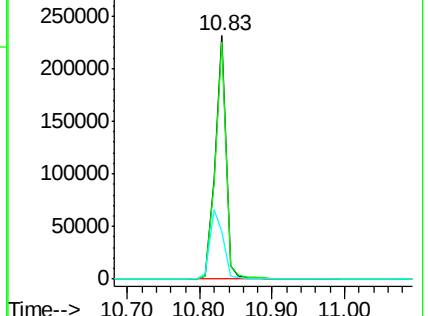
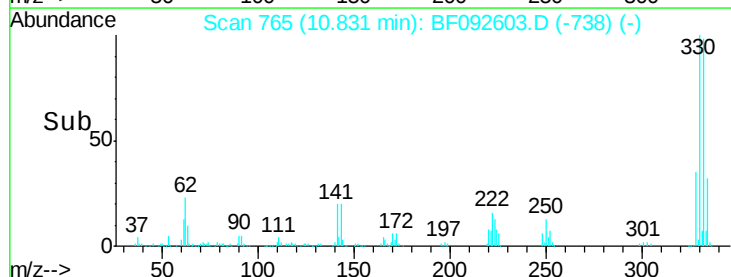
141 34.8 34.1 51.1

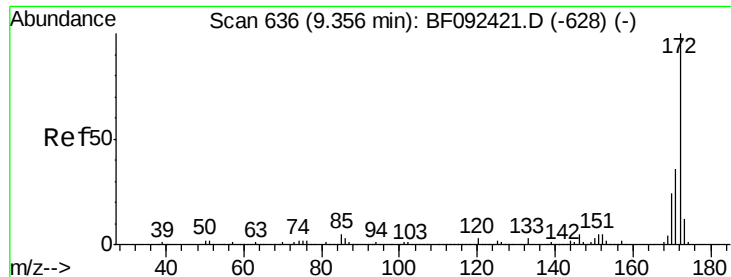


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

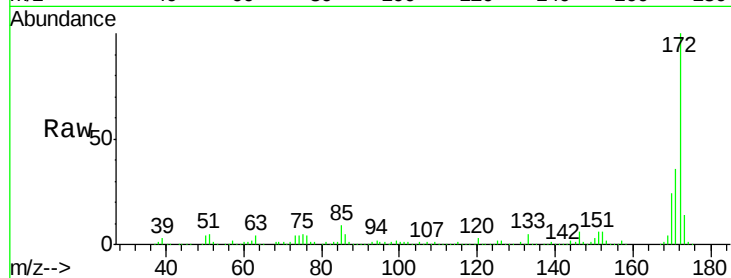




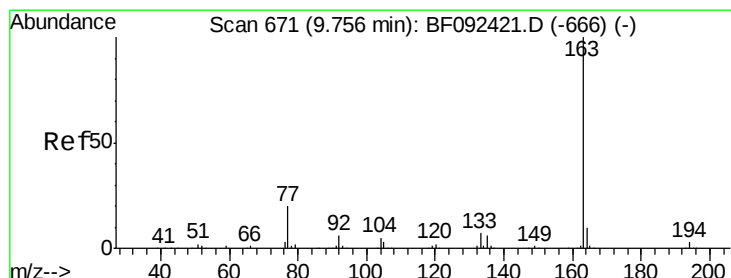
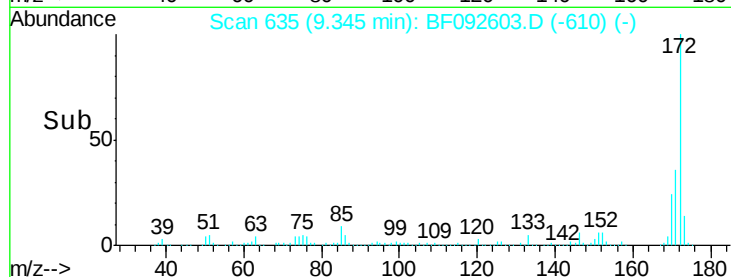
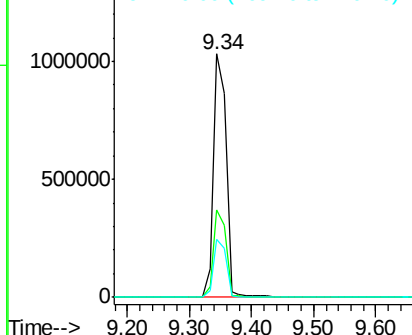
#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092603.D
 Acq: 28 Jan 2017 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:172 Resp: 1438334
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.8 20.2 30.4

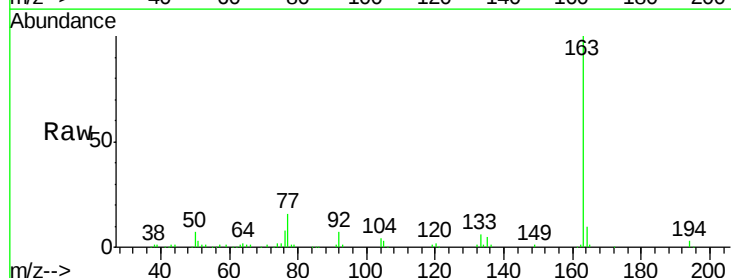


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

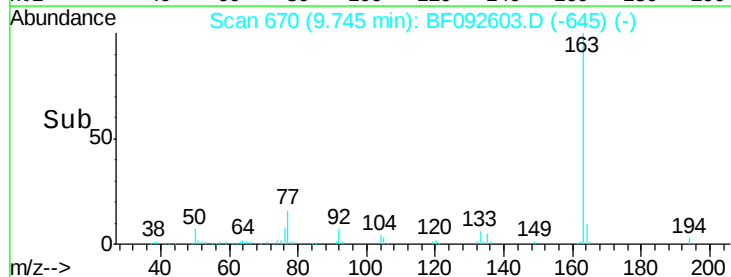
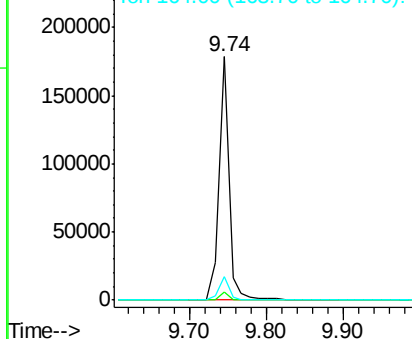


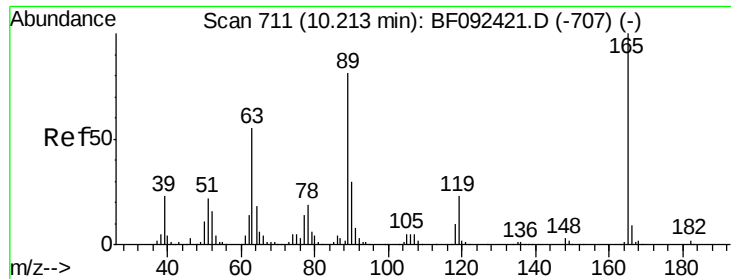
#49
 Dimethylphthalate
 Concen: 9.11 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092603.D
 Acq: 28 Jan 2017 3:50

Tgt Ion:163 Resp: 161787
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 9.7 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

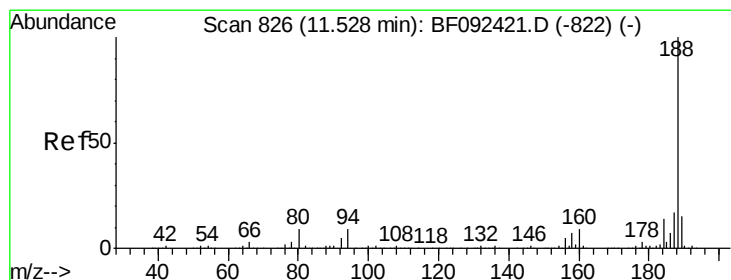
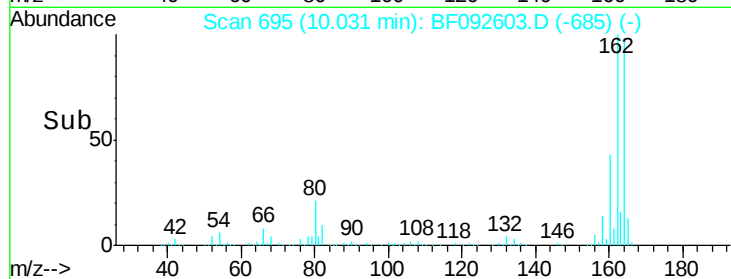
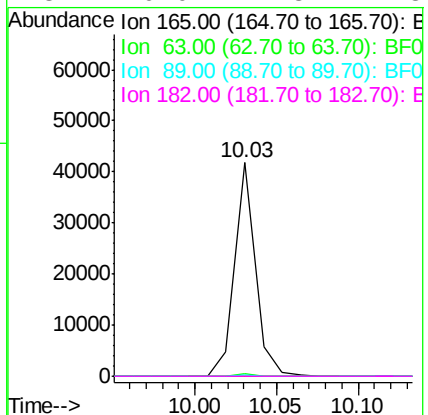
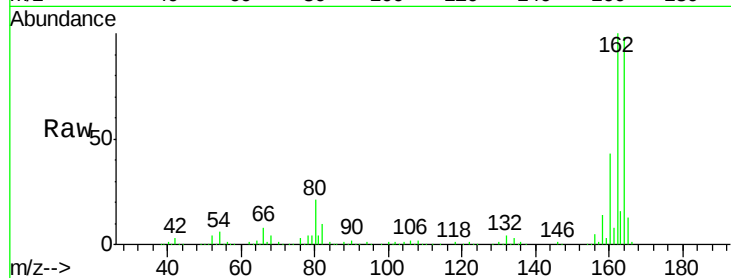




#56
2,4-Dinitrotoluene
Concen: 7.59 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092603.D
Acq: 28 Jan 2017 3:50

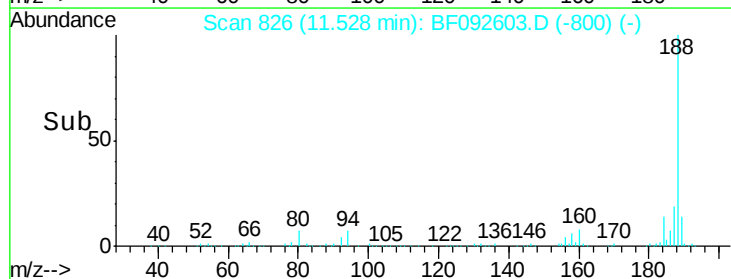
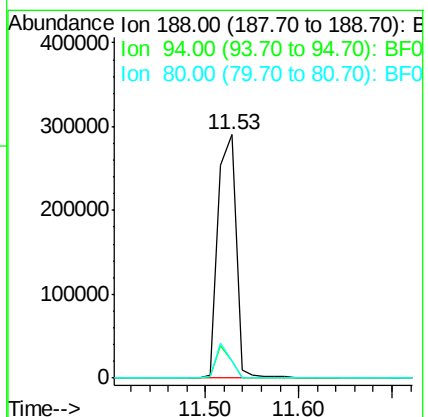
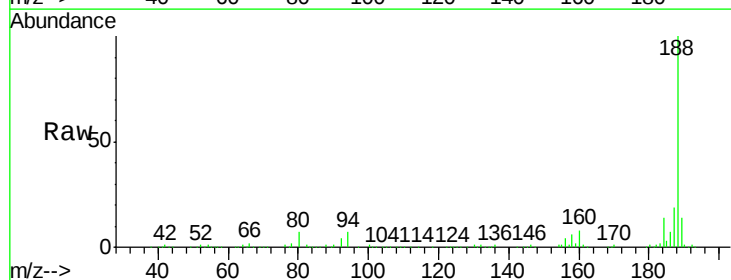
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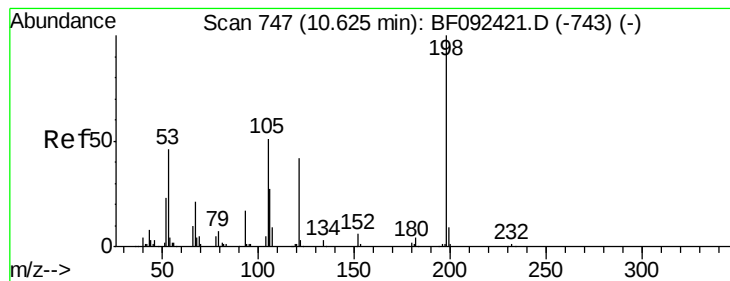
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092603.D
Acq: 28 Jan 2017 3:50

Tgt 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: 5.16 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

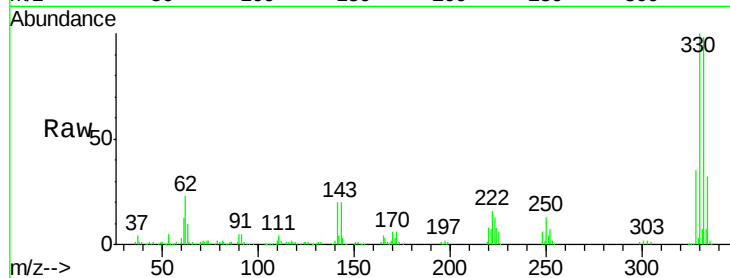
Tgt Ion:198 Resp: 483

Ion Ratio Lower Upper

198 100

51 148.7 6.7 46.7#

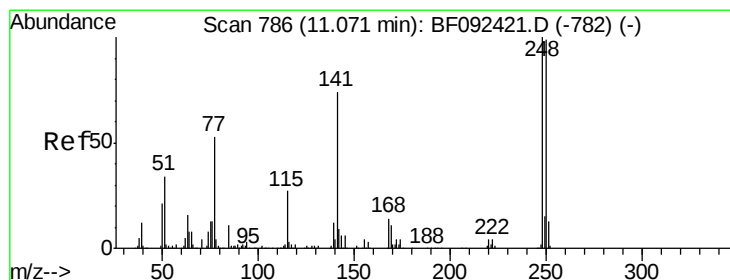
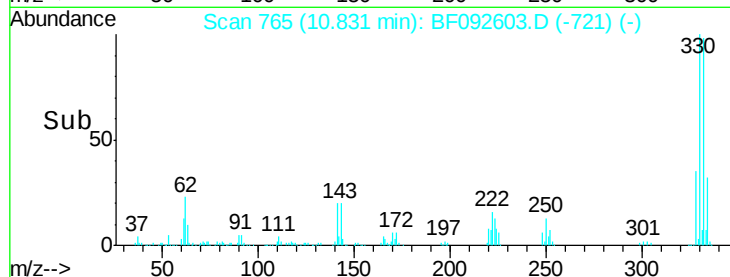
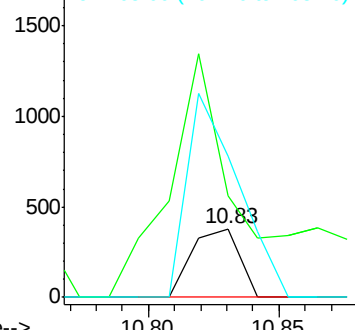
105 207.1 16.6 56.6#



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: 4.51 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

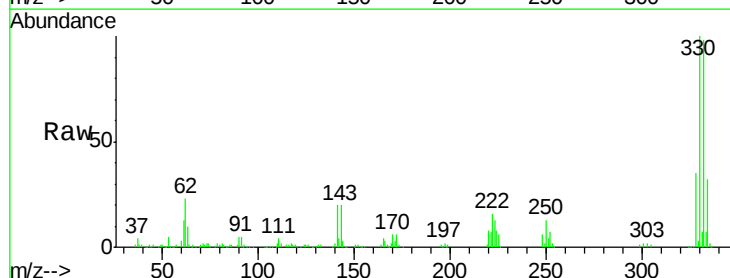
Tgt Ion:248 Resp: 17745

Ion Ratio Lower Upper

248 100

250 195.2 76.9 115.3#

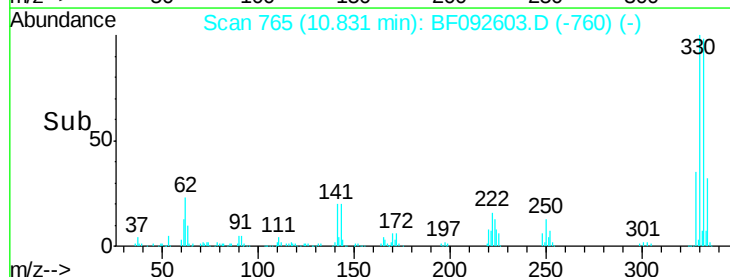
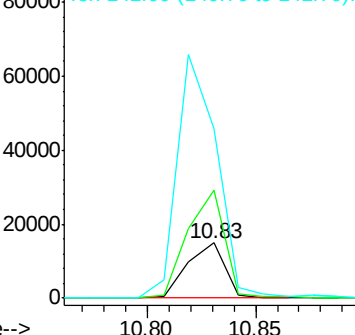
141 307.0 68.2 102.4#

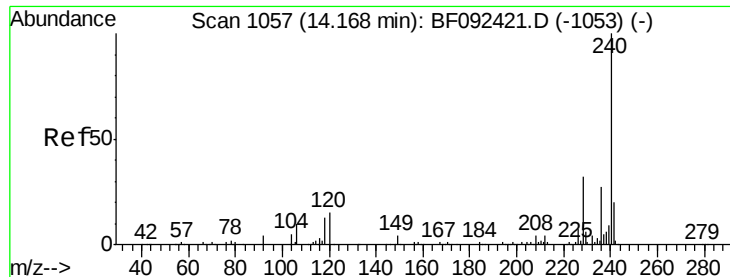


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092603.D

Acq: 28 Jan 2017 3:50

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

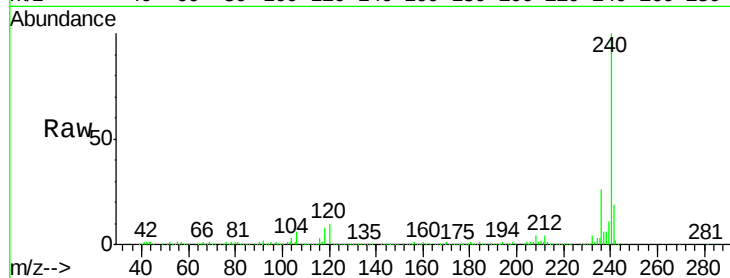
Tgt Ion:240 Resp: 333223

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

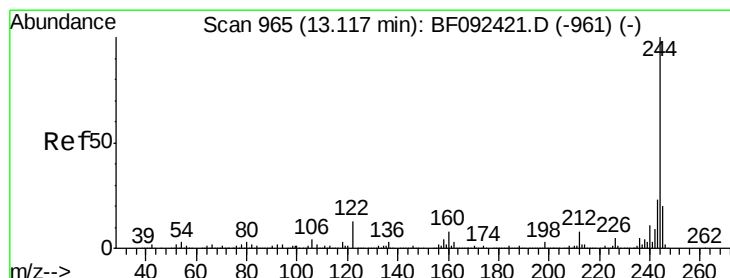
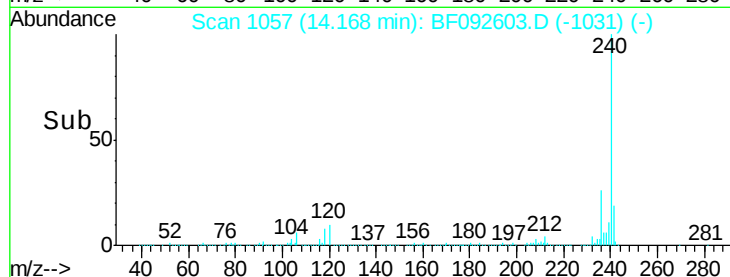
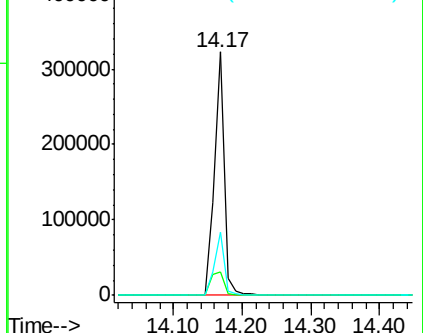
236 25.7 20.9 31.3



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: 88.48 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092603.D

Acq: 28 Jan 2017 3:50

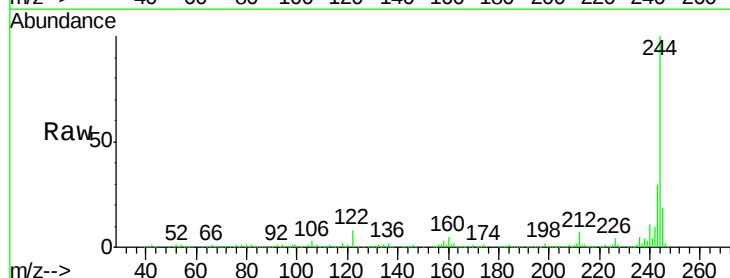
Tgt Ion:244 Resp: 1107238

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

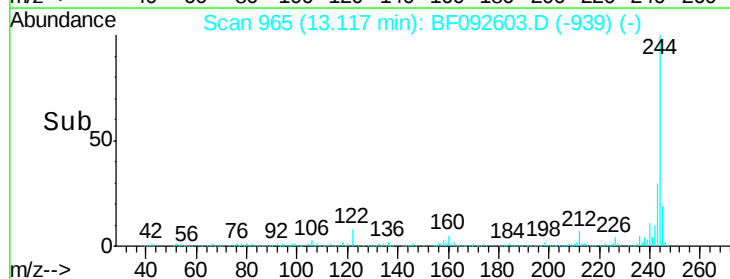
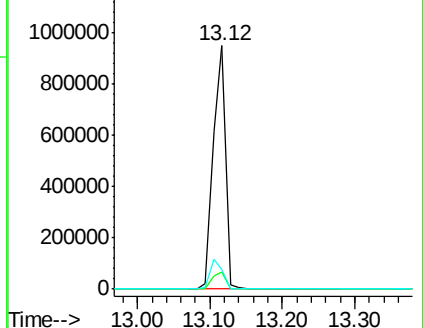
122 8.0 11.4 17.2#

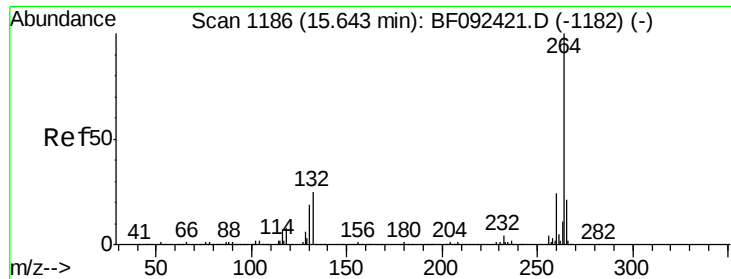


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

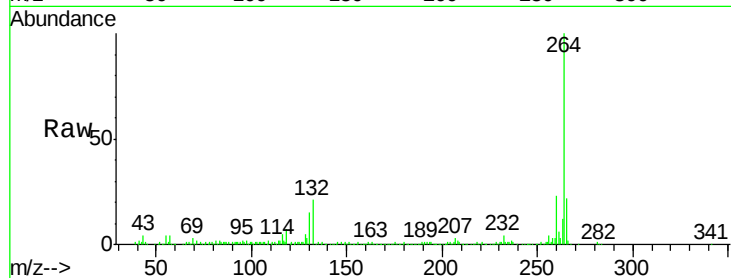




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092603.D
Acq: 28 Jan 2017 3:50

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion: 264 Resp: 232334
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
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

