

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092613.D
 Acq On : 28 Jan 2017 8:50
 Operator : SJ/MA
 Sample : I1528-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Jan 29 23:46:58 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

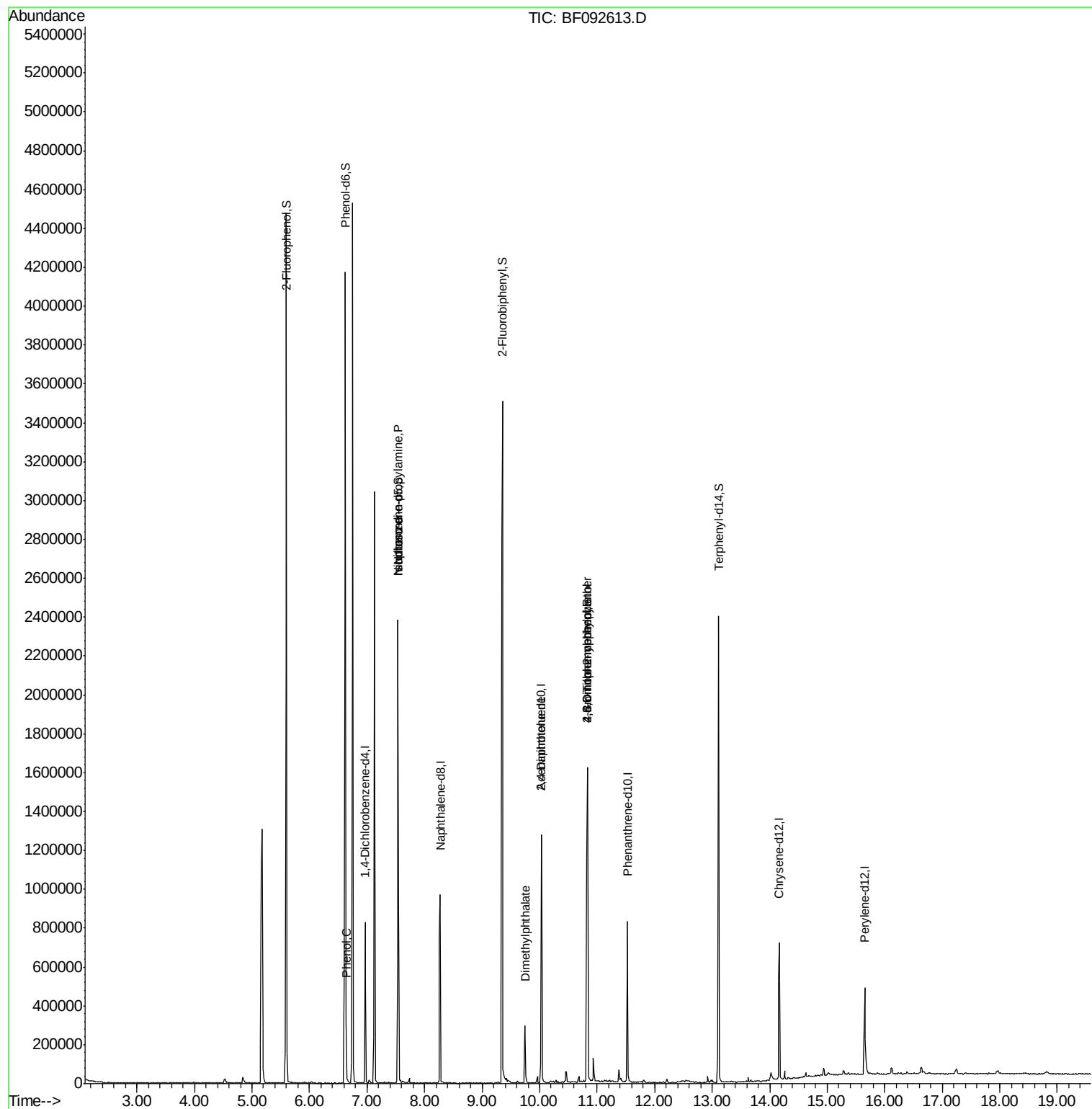
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155654	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	606271	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	283113	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	410215	20.00	ng	0.00
75) Chrysene-d12	14.17	240	328420	20.00	ng	0.00
86) Perylene-d12	15.65	264	229630	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1291422	129.08	ng	0.05
7) Phenol-d6	6.62	99	1757842	137.94	ng	0.03
23) Nitrobenzene-d5	7.54	82	906640	81.69	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	242523	125.71	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1662550	108.59	ng	0.00
78) Terphenyl-d14	13.12	244	1118571	90.69	ng	0.00
Target Compounds						
10) Phenol	6.64	94	84605	5.50	ng	# 62
19) n-Nitroso-di-n-propylamine	7.54	70	119578	13.78	ng	# 84
25) Isophorone	7.54	82	755930	34.56	ng	# 65
49) Dimethylphthalate	9.74	163	126181	7.01	ng	99
56) 2,4-Dinitrotoluene	10.03	165	36721	7.52	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.83	198	613	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	17598	4.25	ng	# 1

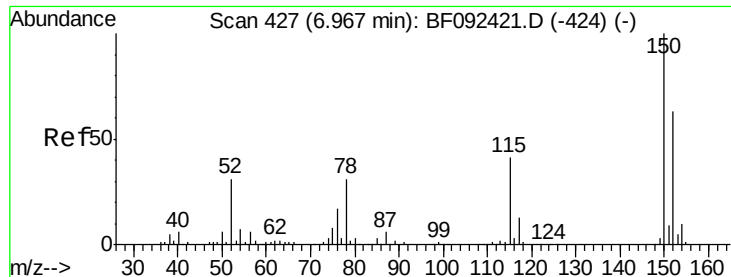
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092613.D

Acq: 28 Jan 2017 8:50

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BNA_F

ClientSampleId :

SB-14-COMP

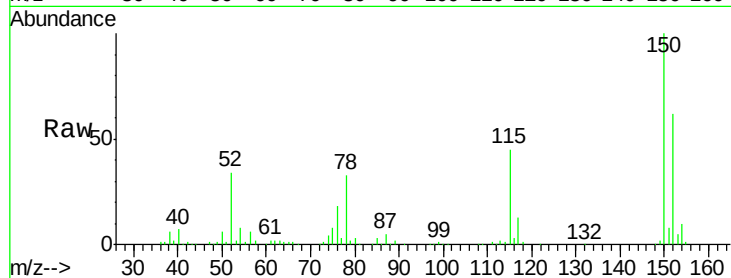
Tgt Ion:152 Resp: 155654

Ion Ratio Lower Upper

152 100

150 162.1 124.9 187.3

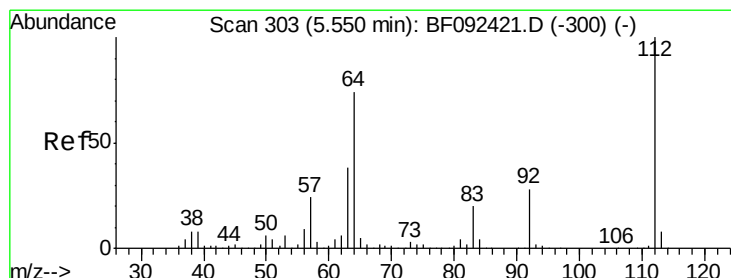
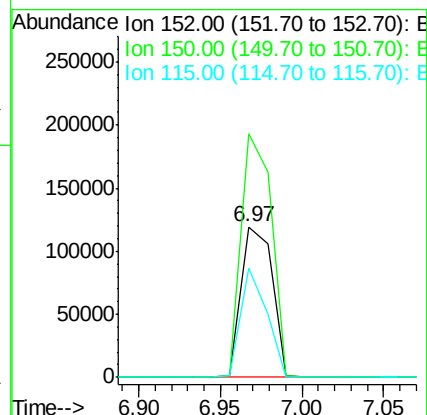
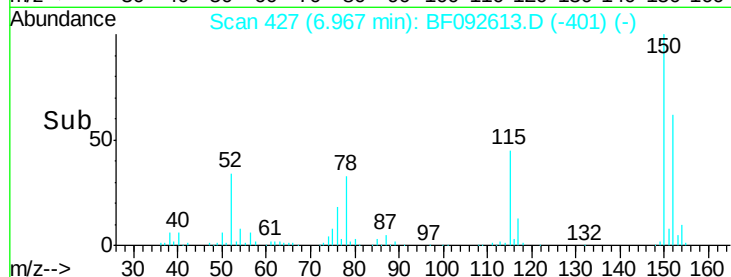
115 72.8 46.0 69.0#



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: 129.08 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

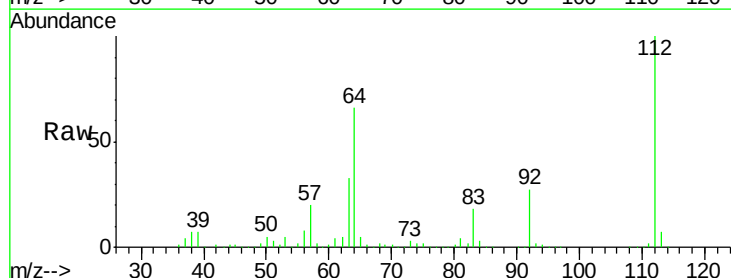
Tgt Ion:112 Resp: 1291422

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

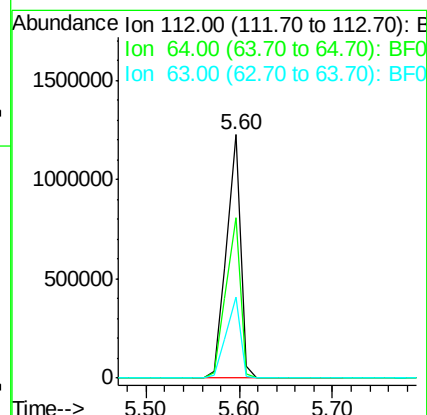
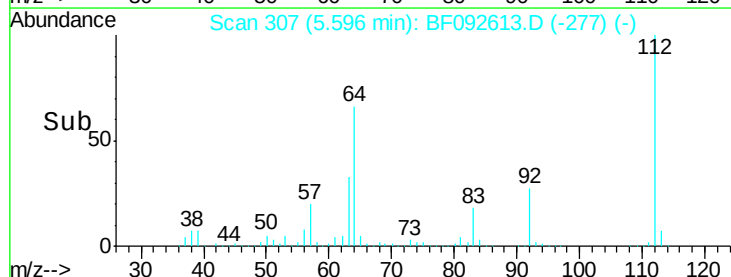
63 33.1 23.8 35.6

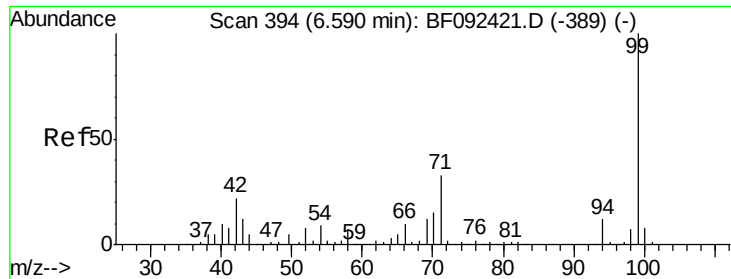


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.94 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

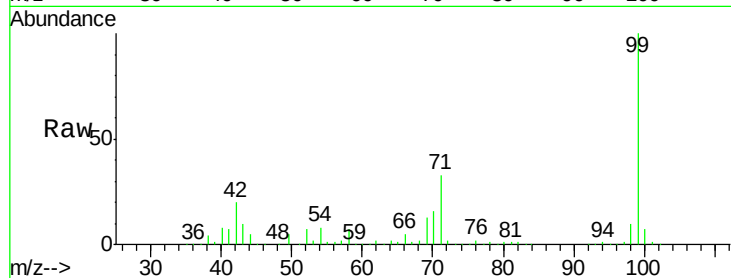
Tgt Ion: 99 Resp: 1757842

Ion Ratio Lower Upper

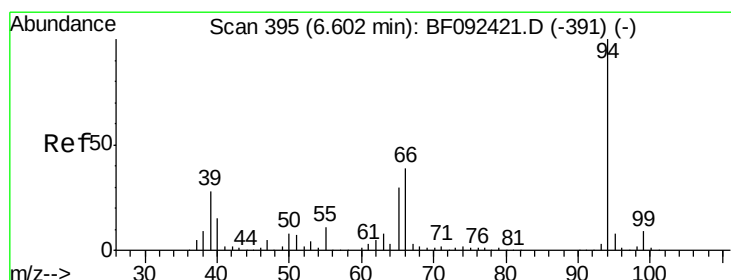
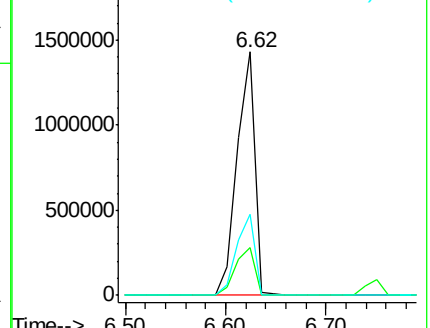
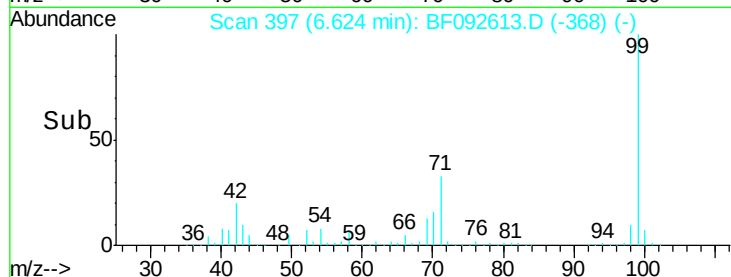
99 100

42 19.5 15.6 23.4

71 33.0 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: 5.50 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

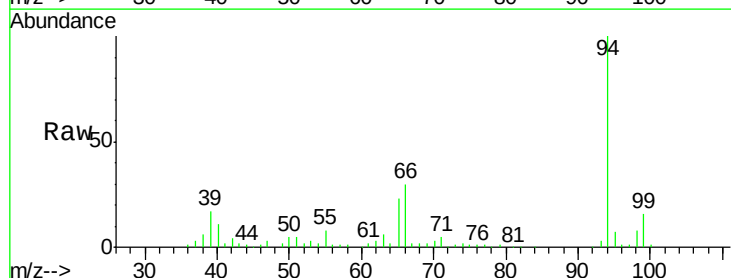
Tgt Ion: 94 Resp: 84605

Ion Ratio Lower Upper

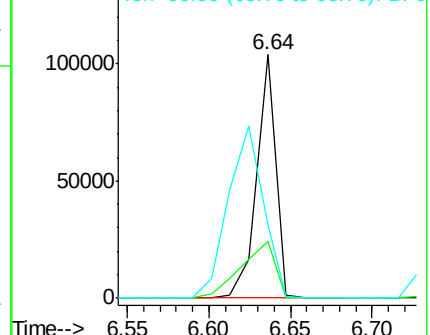
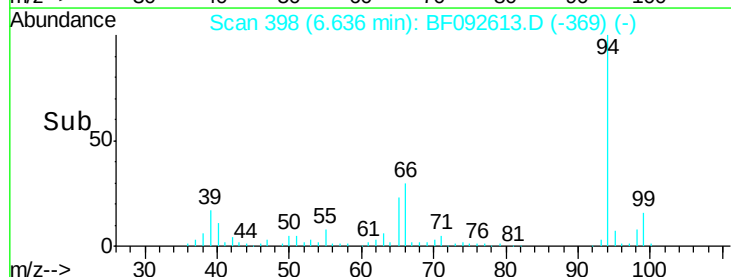
94 100

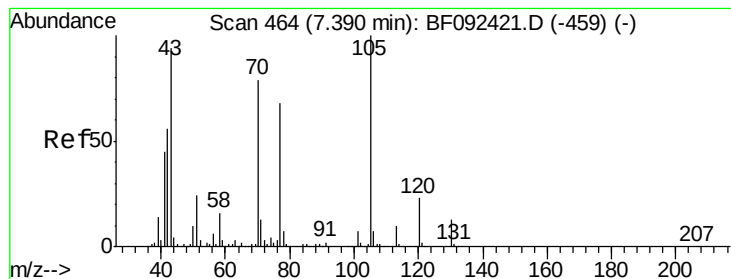
65 23.1 21.4 61.4

66 30.0 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: 13.78 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

Tgt Ion: 70 Resp: 119578

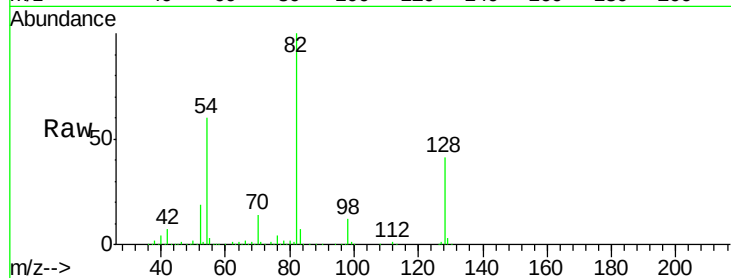
Ion Ratio Lower Upper

70 100

42 55.2 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

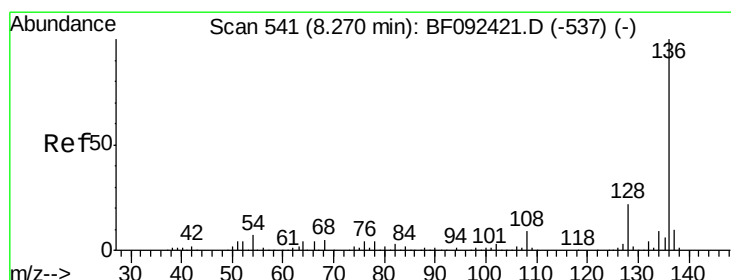
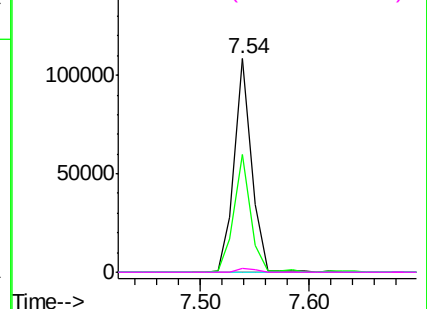
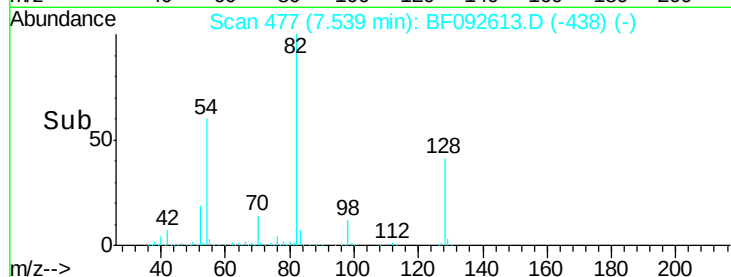


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF092613.D

Acq: 28 Jan 2017 8:50

Tgt Ion: 136 Resp: 606271

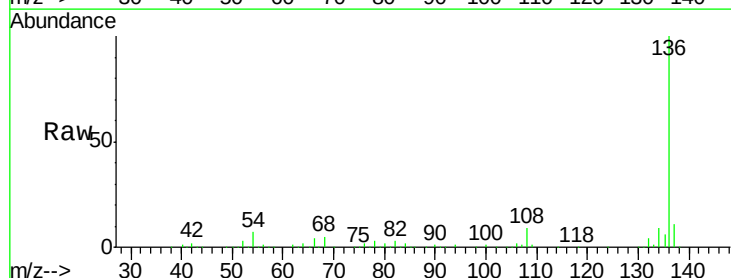
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 6.8 4.5 6.7#

68 5.1 3.6 5.4

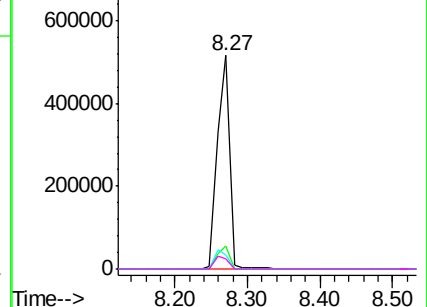
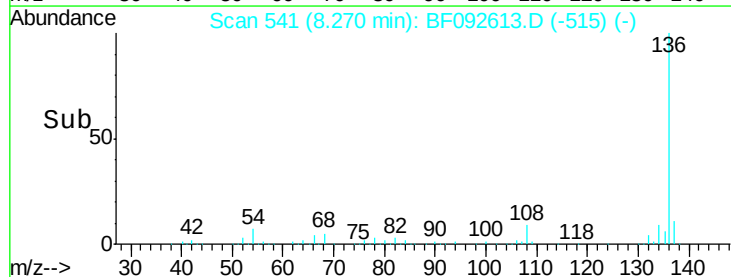


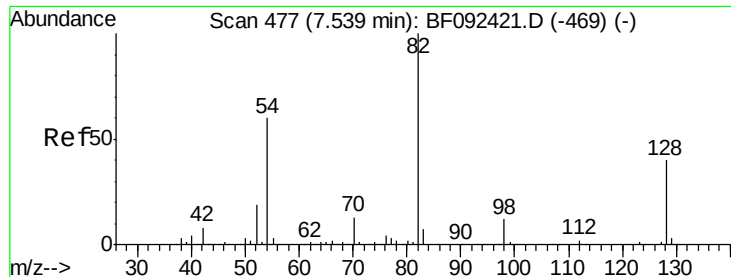
Abundance Ion 136.00 (135.70 to 136.70): E

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

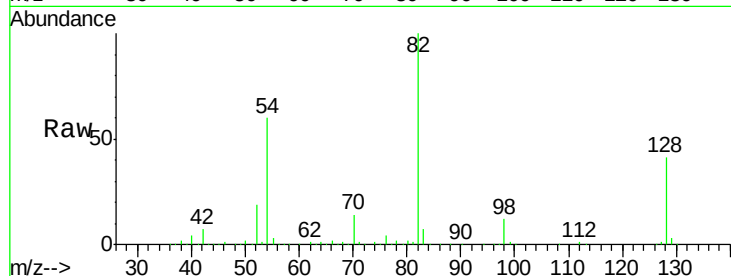




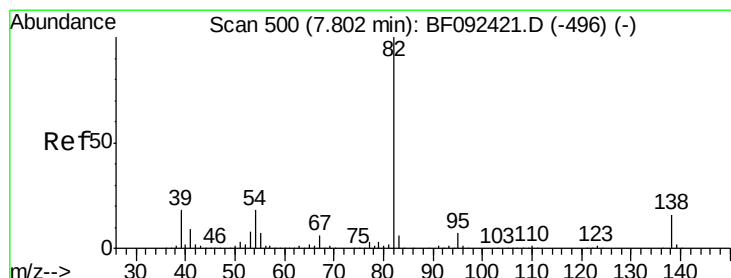
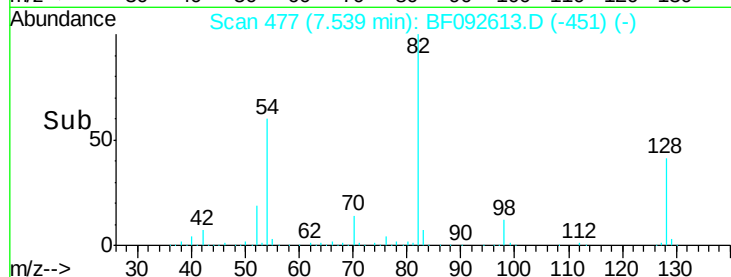
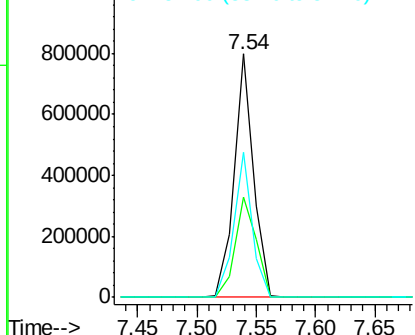
#23
 Nitrobenzene-d5
 Concen: 81.69 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion: 82 Resp: 906640
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 59.6 39.5 59.3#

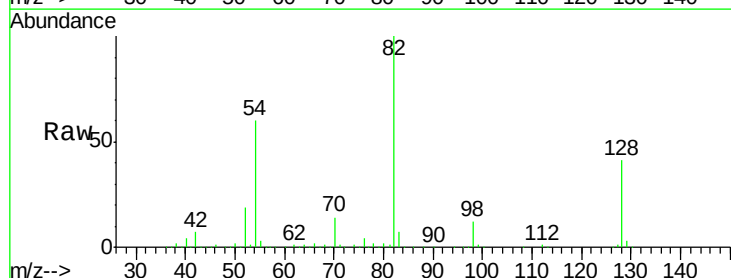


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

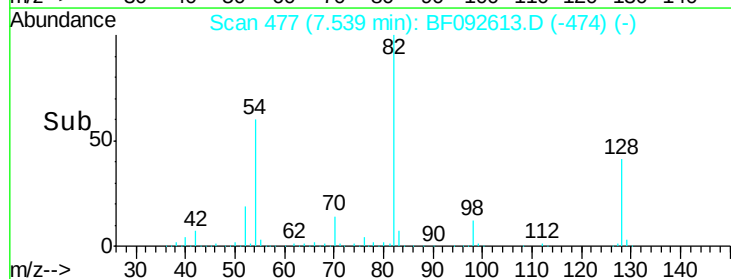
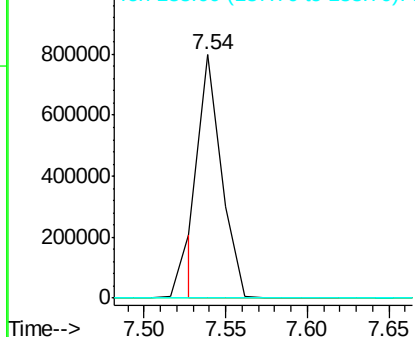


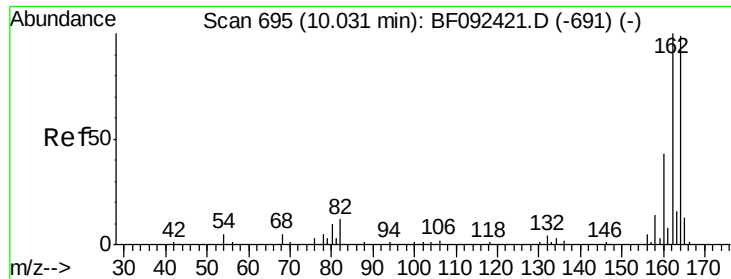
#25
 Isophorone
 Concen: 34.56 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

Tgt Ion: 82 Resp: 755930
 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

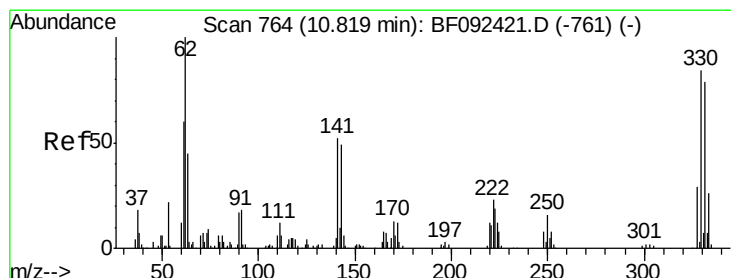
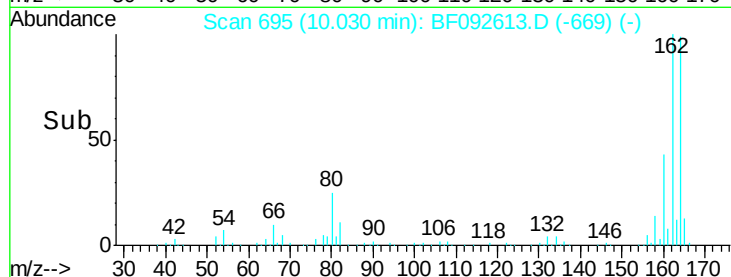
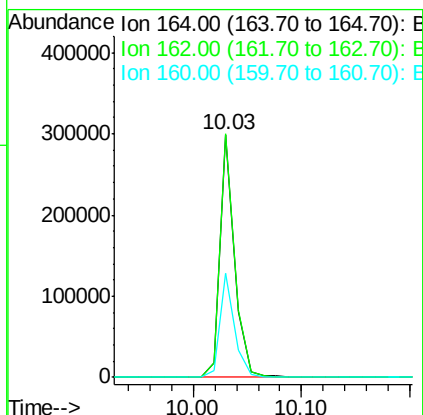
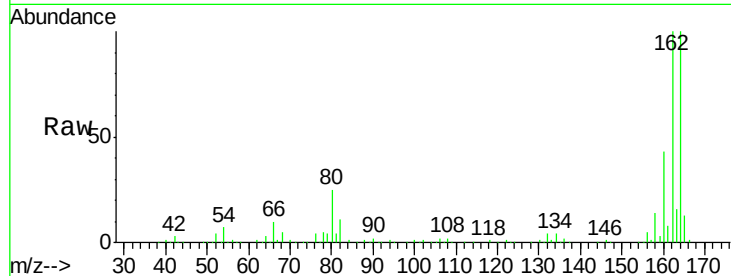




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

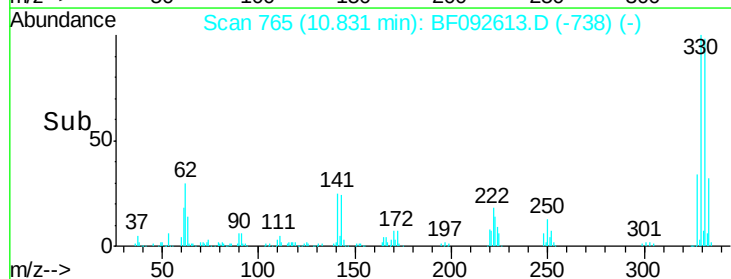
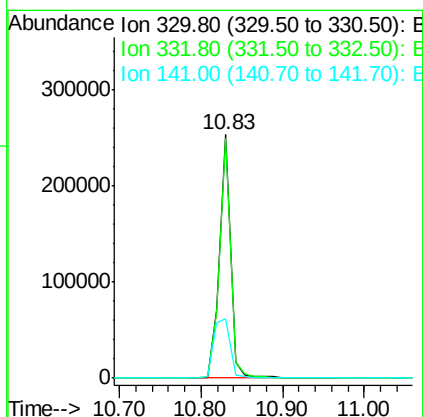
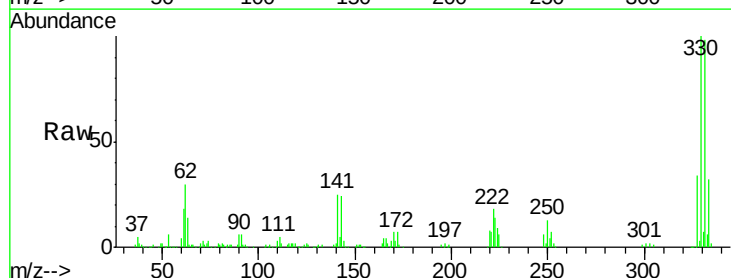
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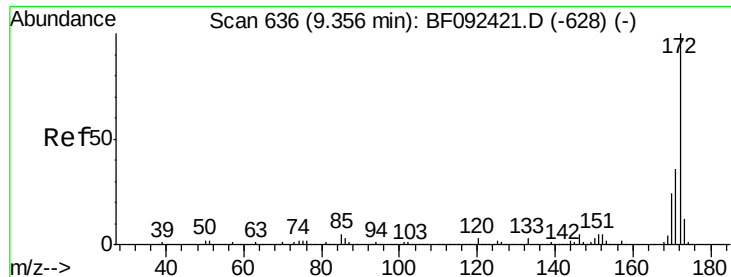
Tgt Ion:164 Resp: 283113
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 42.7 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 125.71 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092613.D
 Acq: 28 Jan 2017 8:50

Tgt Ion:330 Resp: 242523
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 36.6 34.1 51.1

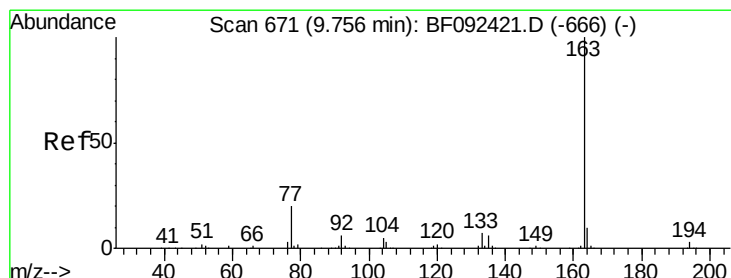
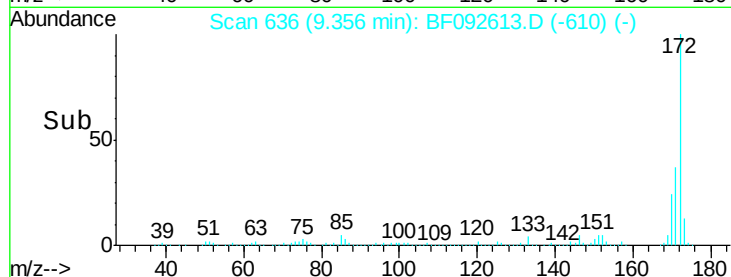
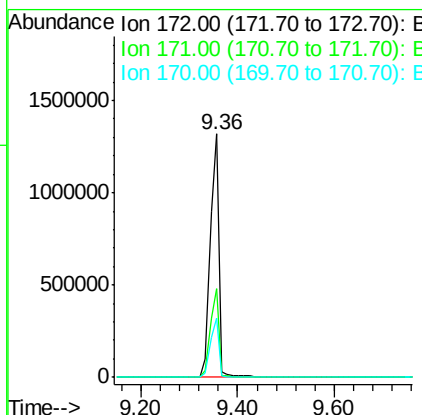
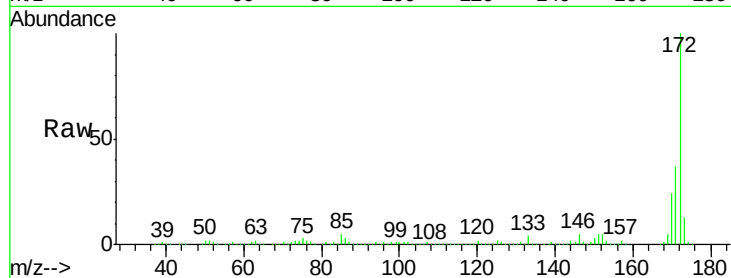




#44
2-Fluorobiphenyl
Concen: 108.59 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

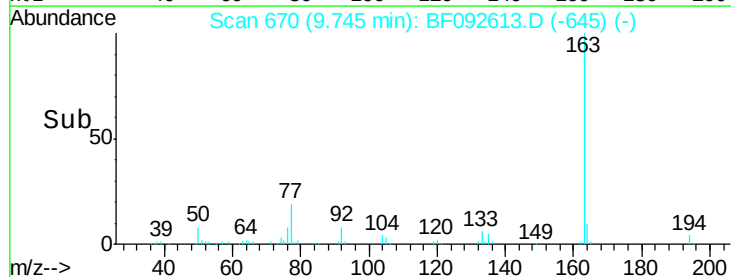
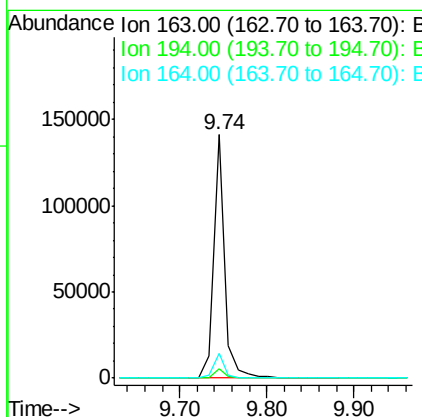
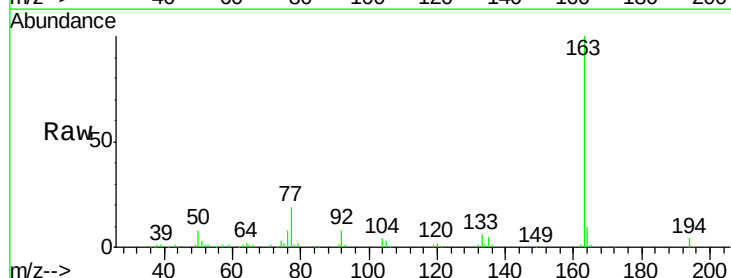
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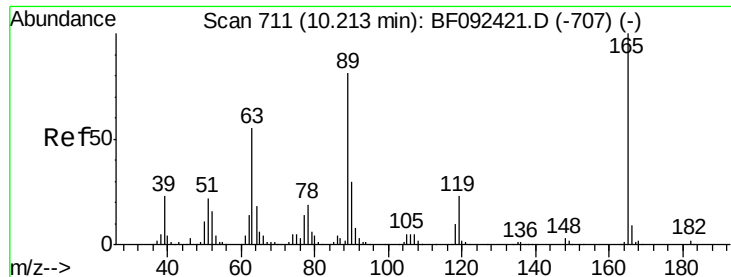
Tgt Ion:172 Resp: 1662550
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.2 20.2 30.4



#49
Dimethylphthalate
Concen: 7.01 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Tgt Ion:163 Resp: 126181
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.0 12.0

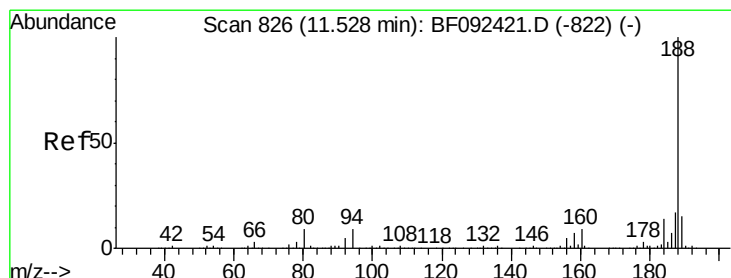
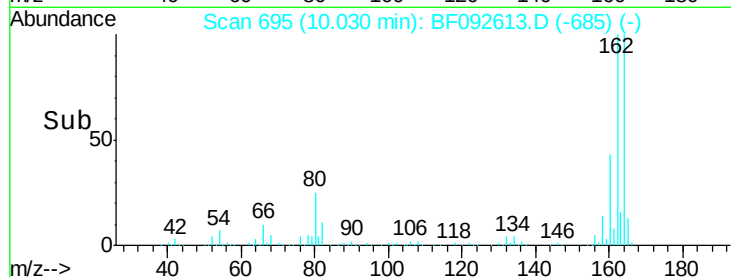
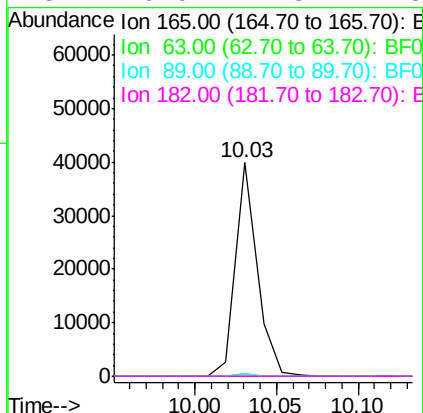
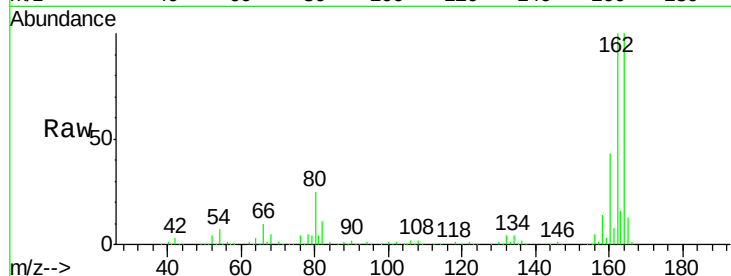




#56
2,4-Dinitrotoluene
Concen: 7.52 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

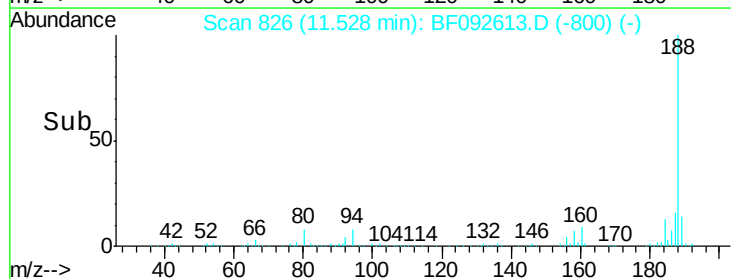
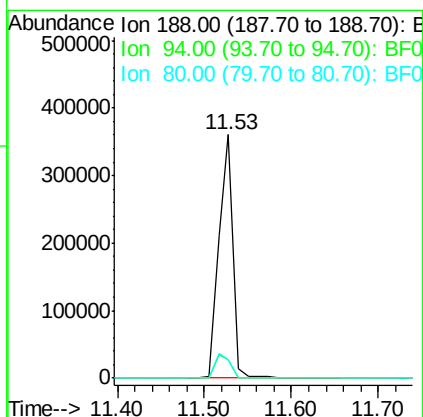
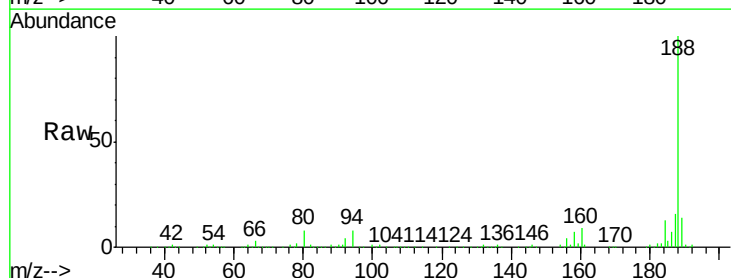
Instrument :
BNA_F
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SB-14-COMP

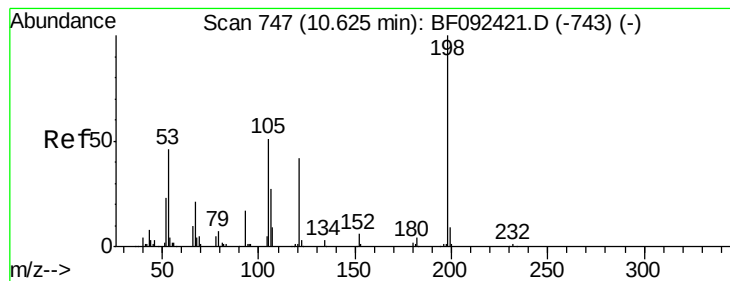
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092613.D
Acq: 28 Jan 2017 8:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.8	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.20 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

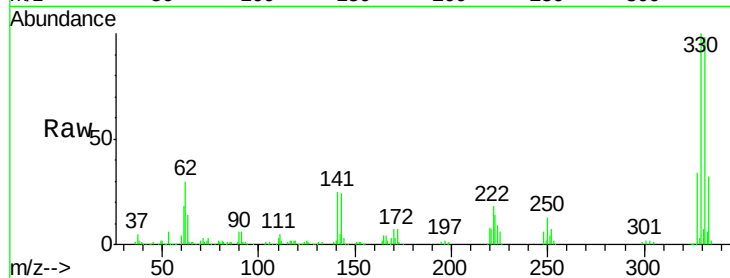
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 141.8 6.7 46.7#

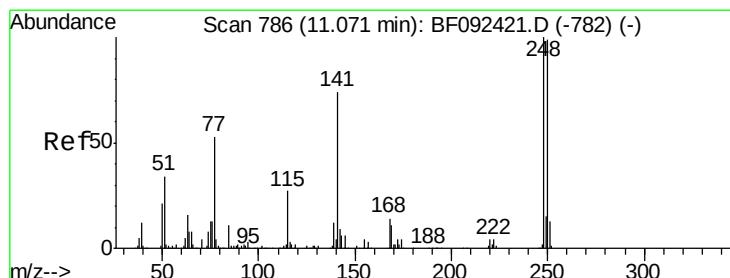
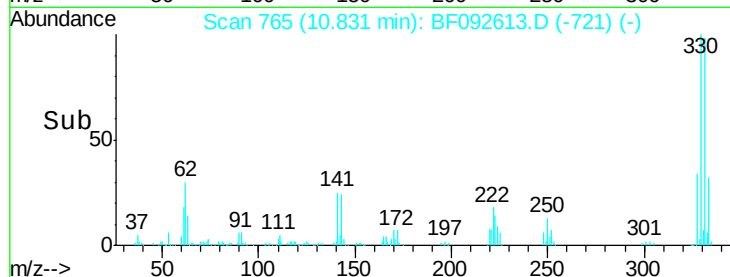
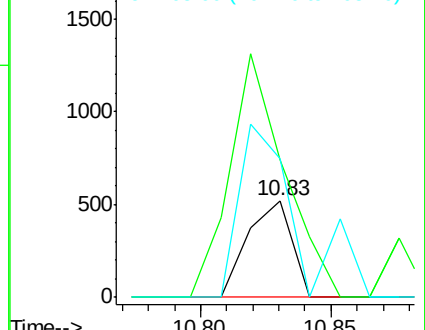
105 144.0 16.6 56.6#



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: 4.25 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

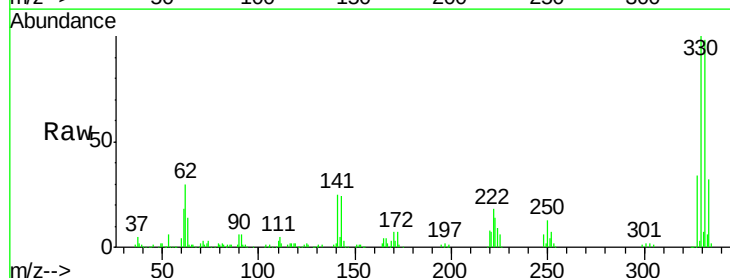
Tgt Ion:248 Resp: 17598

Ion Ratio Lower Upper

248 100

250 205.1 76.9 115.3#

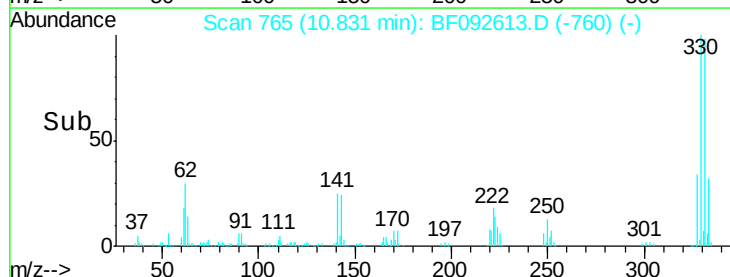
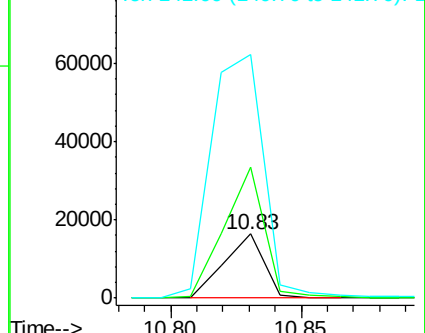
141 379.9 68.2 102.4#

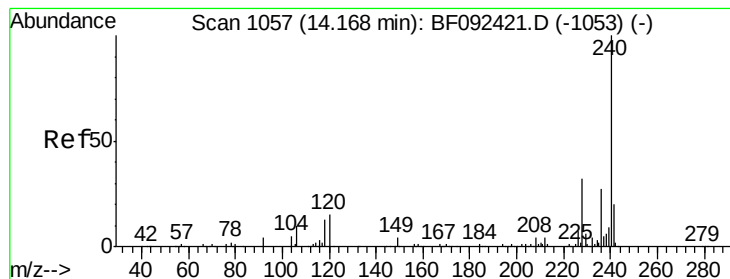


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092613.D

Acq: 28 Jan 2017 8:50

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

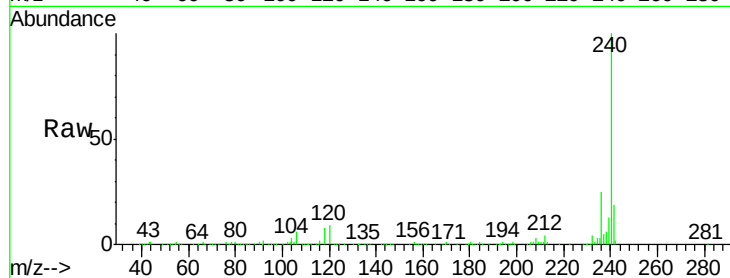
Tgt Ion:240 Resp: 328420

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

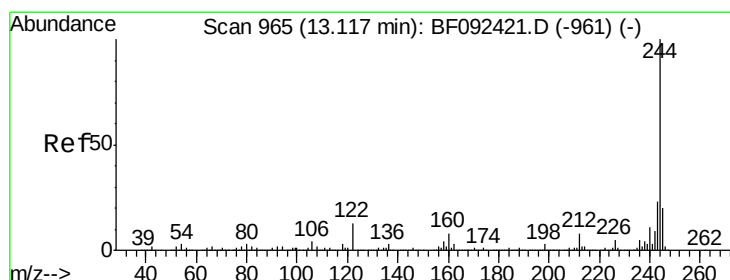
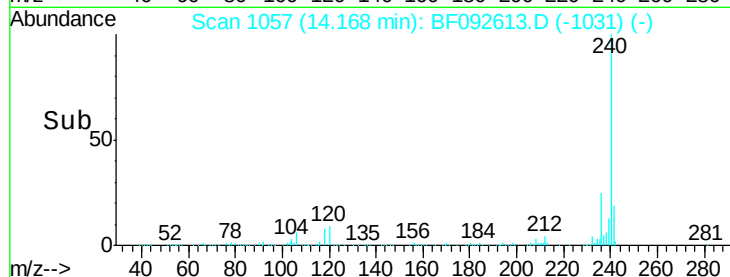
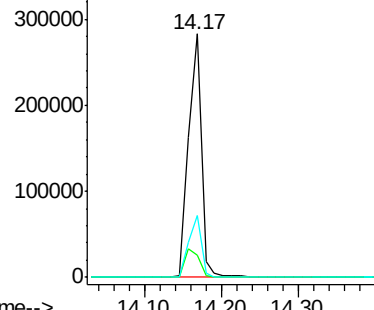
236 25.3 20.9 31.3



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: 90.69 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092613.D

Acq: 28 Jan 2017 8:50

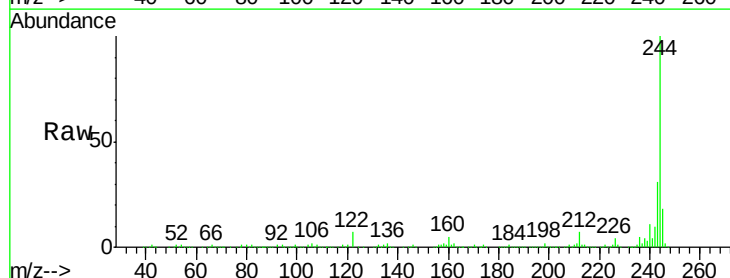
Tgt Ion:244 Resp: 1118571

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

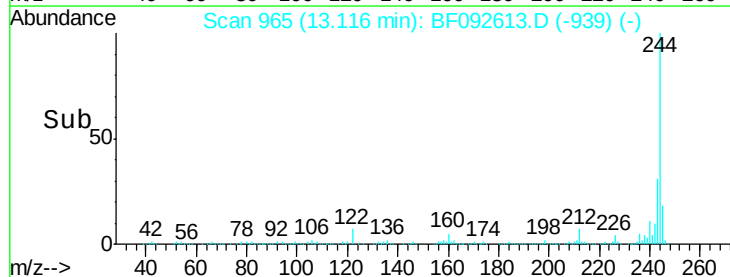
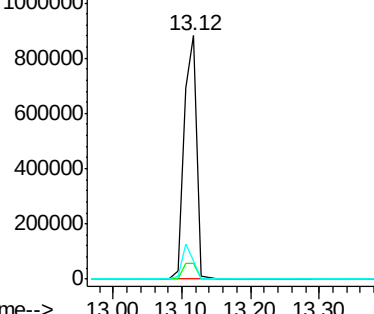
122 7.3 11.4 17.2#

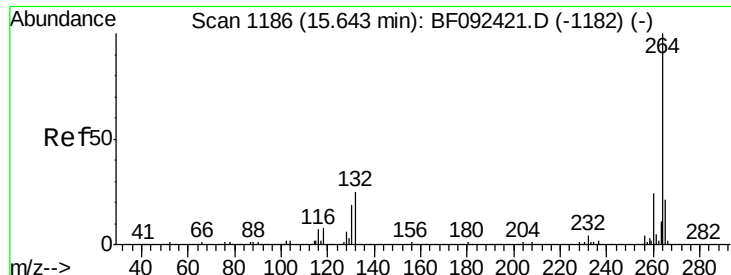


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092613.D
Acq: 28 Jan 2017 8:50

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion: 264 Resp: 229630
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.4 26.0

