

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092712.D
 Acq On : 1 Feb 2017 18:53
 Operator : SJ/MA
 Sample : I1597-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Quant Time: Feb 01 23:50:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

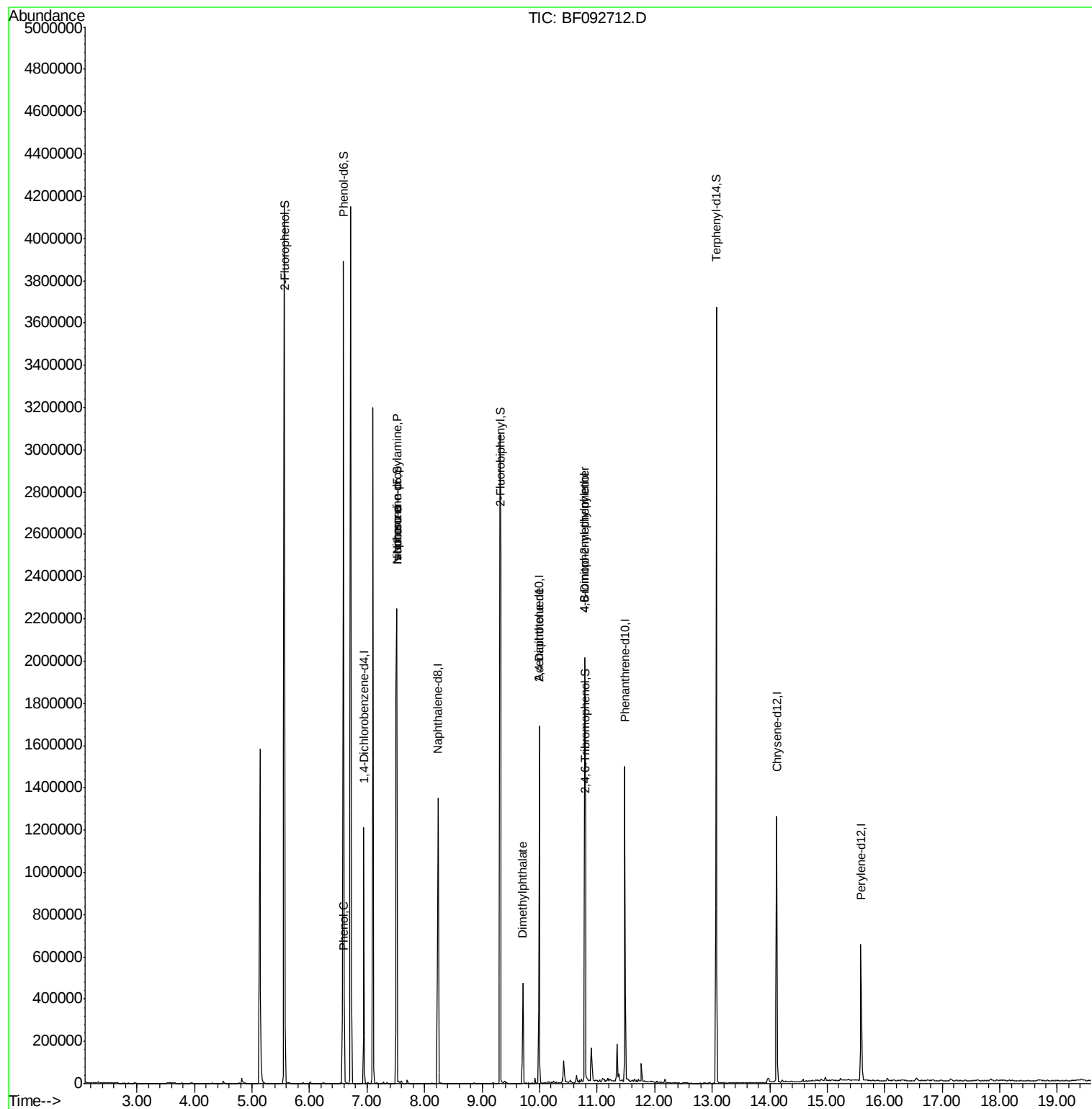
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	166973	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	650111	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	347236	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	546030	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	425726	20.00	ng	-0.02
86) Perylene-d12	15.59	264	309225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1126864	115.78	ng	-0.01
7) Phenol-d6	6.59	99	1573540	125.66	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1020485	87.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	298962	119.04	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1454714	75.90	ng	-0.01
78) Terphenyl-d14	13.07	244	1115232	61.55	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	120485	8.22	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	133429	16.74	ng	# 76
25) Isophorone	7.52	82	966547	44.43	ng	# 65
49) Dimethylphthalate	9.71	163	187164	8.00	ng	100
56) 2,4-Dinitrotoluene	10.00	165	44125	6.56	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	818	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19929	3.49	ng	# 1

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

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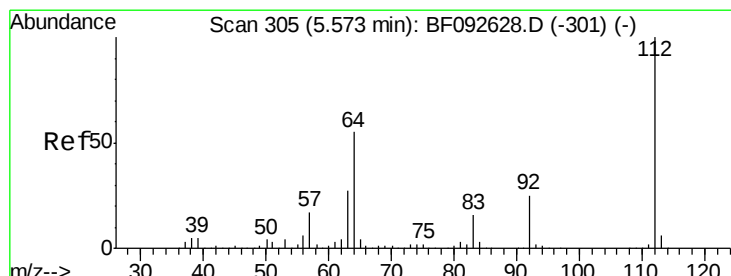
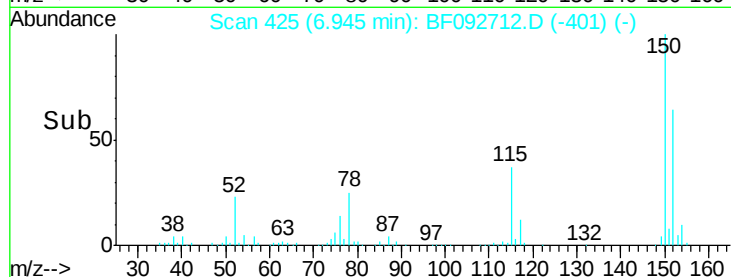
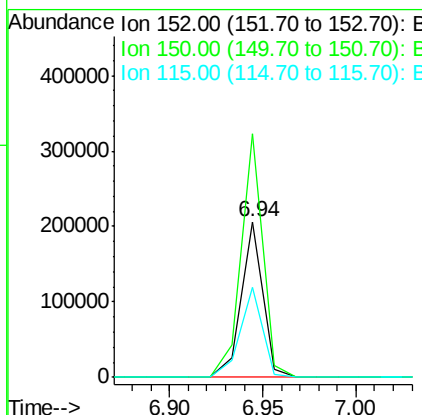
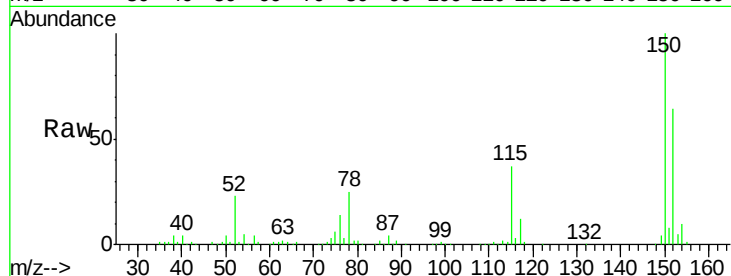




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

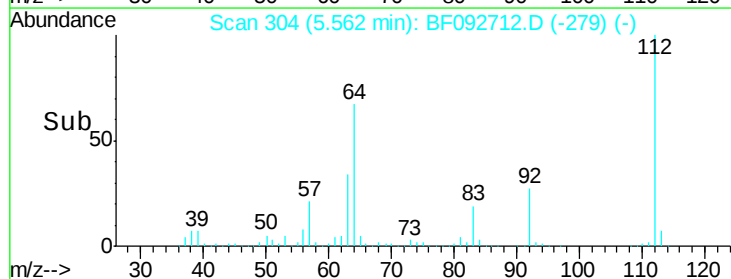
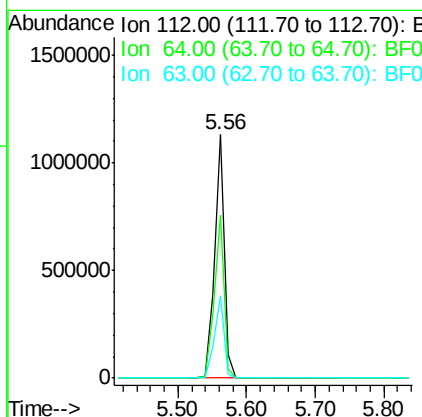
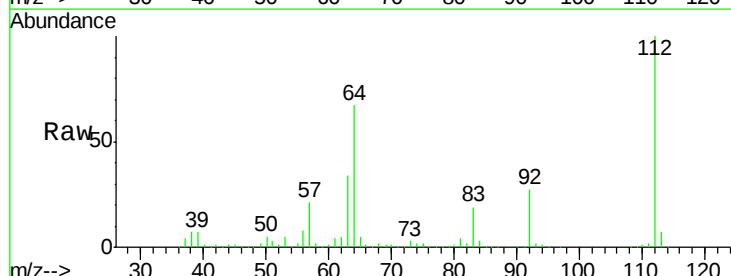
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

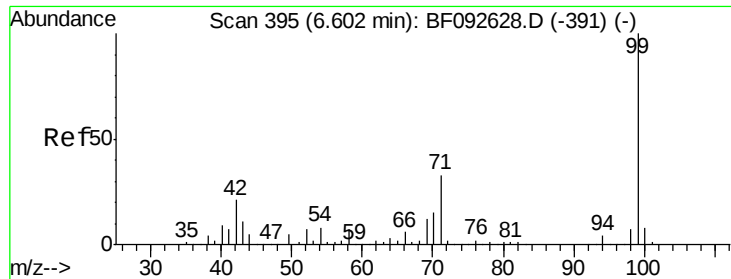
Tgt Ion:152 Resp: 166973
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 58.2 46.0 69.0



#5
 2-Fluorophenol
 Concen: 115.78 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

Tgt Ion:112 Resp: 1126864
 Ion Ratio Lower Upper
 112 100
 64 66.8 46.1 69.1
 63 33.7 23.8 35.6





#7

Phenol-d6

Concen: 125.66 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

Instrument :

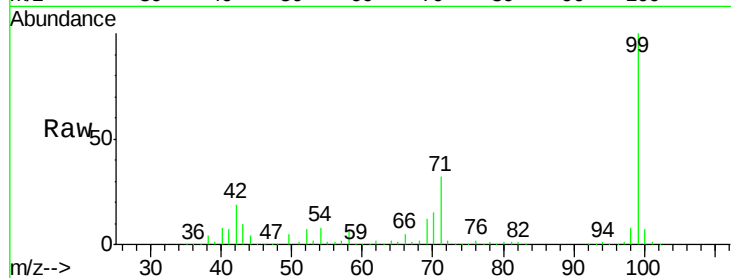
BNA_F

ClientSampleId :

SB-30-COMP

Tgt Ion: 99 Resp: 1573540

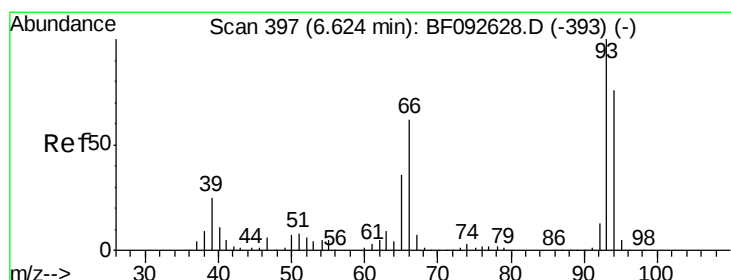
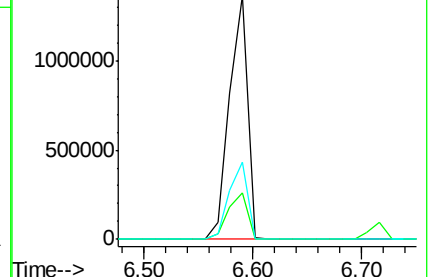
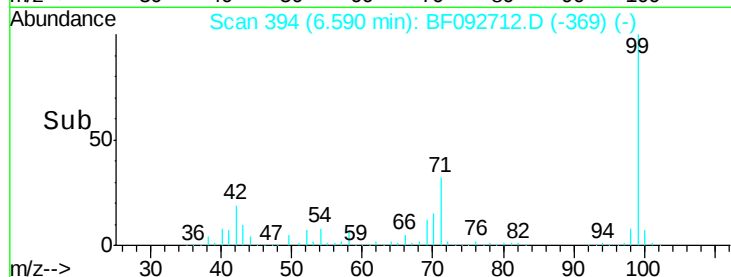
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	31.8	27.5	41.3



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: 8.22 ng

RT: 6.60 min Scan# 395

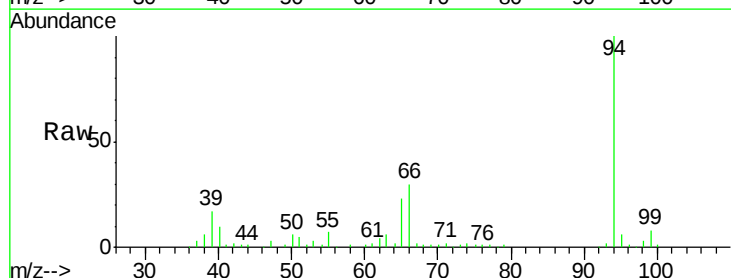
Delta R.T. -0.02 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

Tgt Ion: 94 Resp: 120485

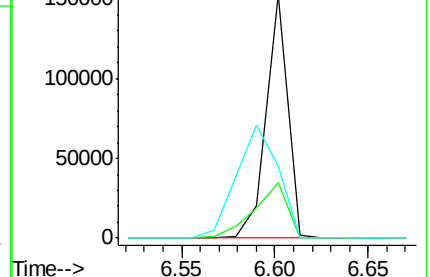
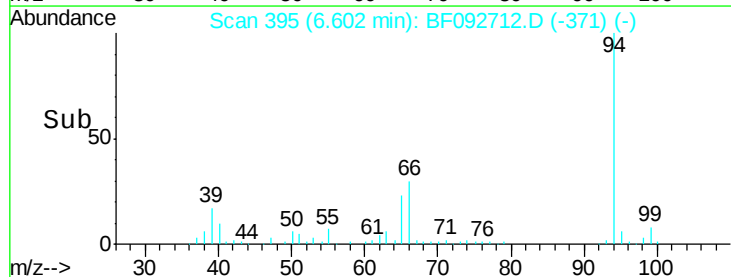
Ion	Ratio	Lower	Upper
94	100		
65	22.7	21.4	61.4
66	29.7	44.0	84.0#



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

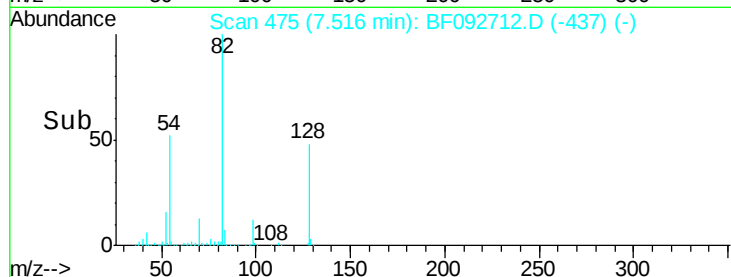
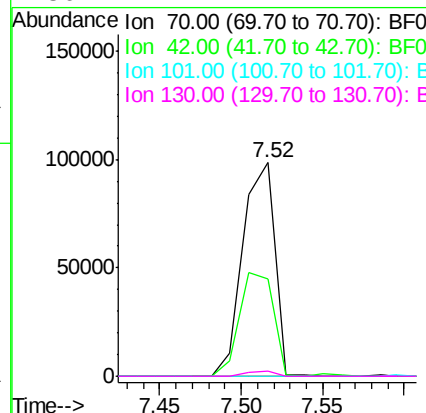
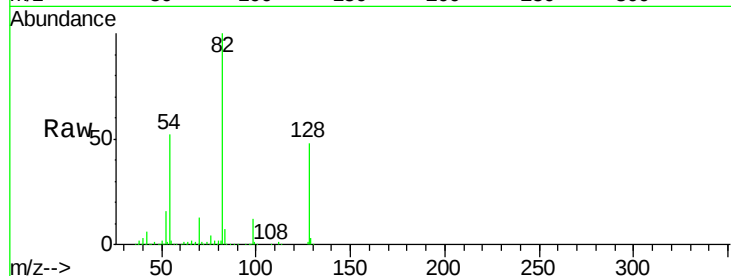




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092712.D
Acq: 1 Feb 2017 18:53

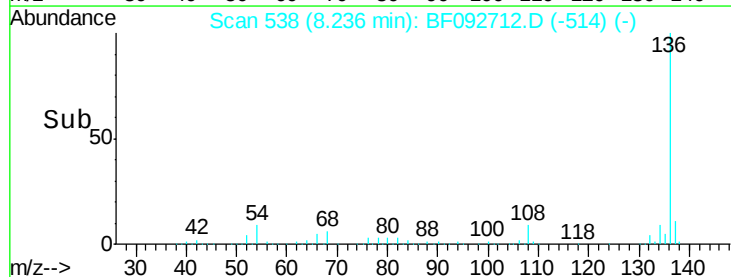
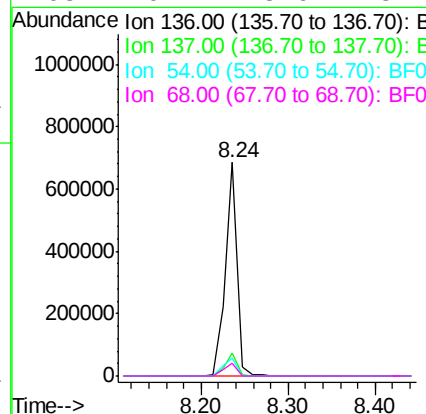
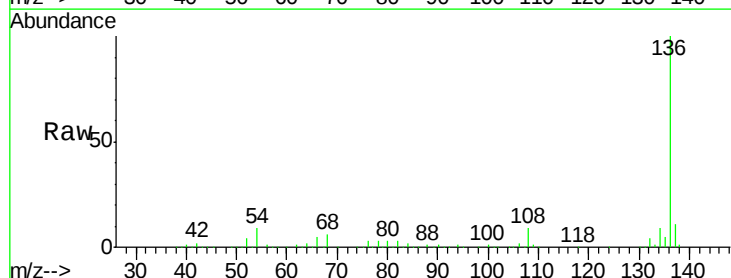
Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

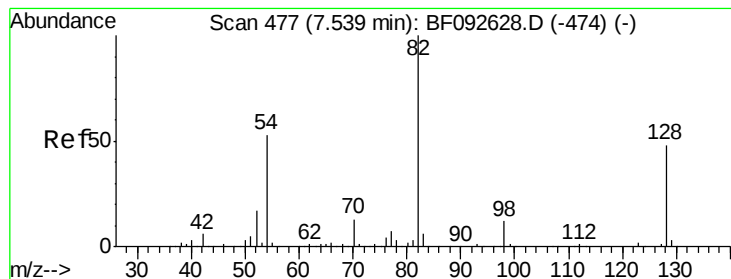
Tgt Ion: 70 Resp: 133429
Ion Ratio Lower Upper
70 100
42 45.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092712.D
Acq: 1 Feb 2017 18:53

Tgt Ion: 136 Resp: 650111
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 87.41 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

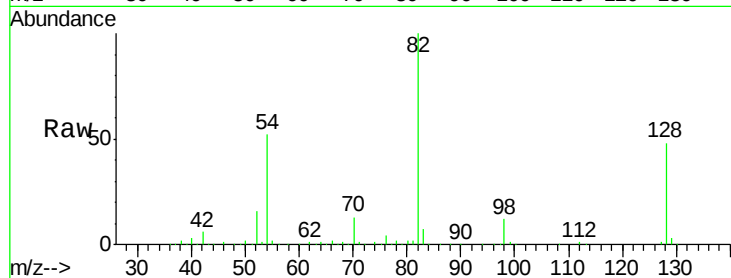
Tgt Ion: 82 Resp: 1020485

Ion Ratio Lower Upper

82 100

128 47.8 34.6 52.0

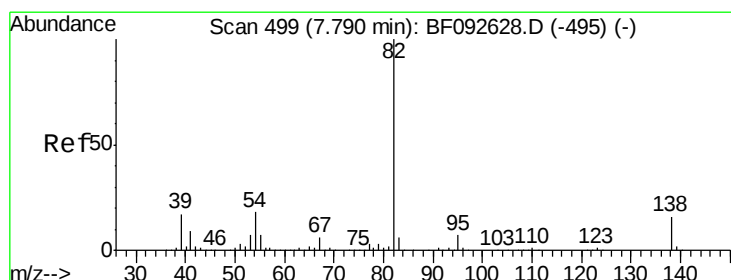
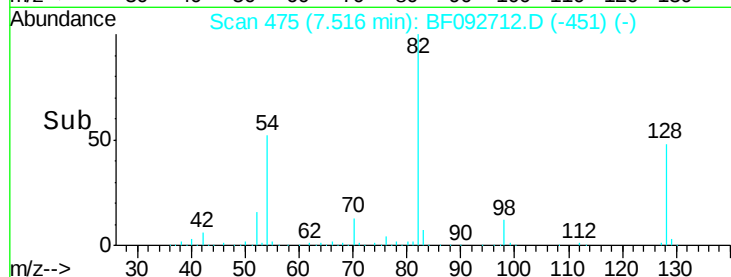
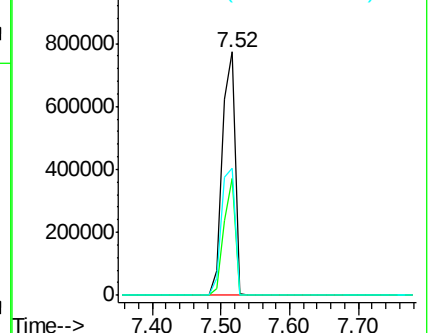
54 52.0 39.5 59.3



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: 44.43 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

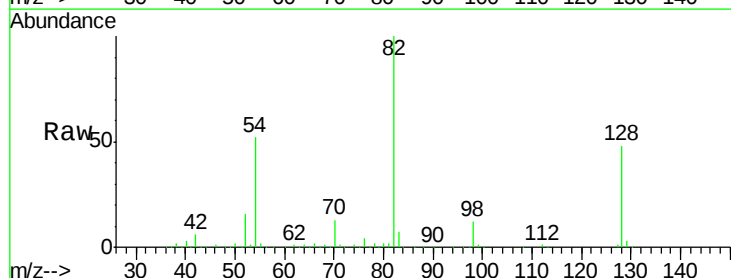
Tgt Ion: 82 Resp: 966547

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

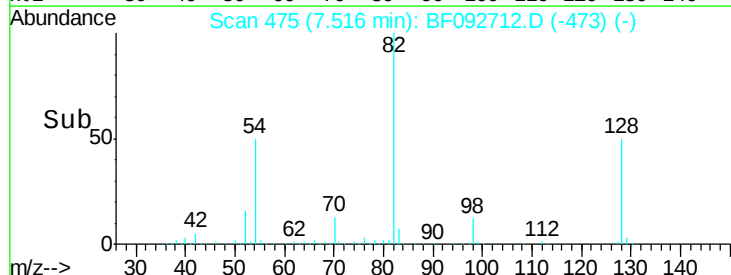
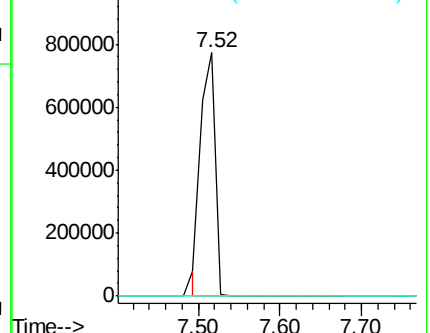
138 0.0 14.6 22.0#



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

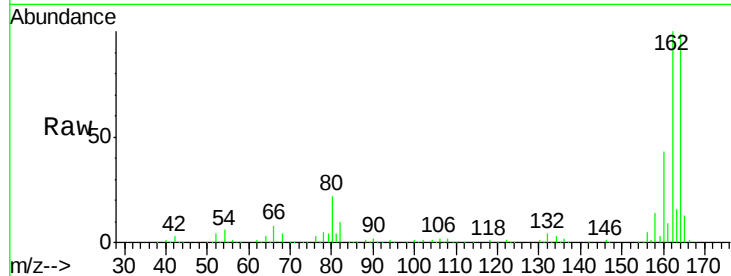




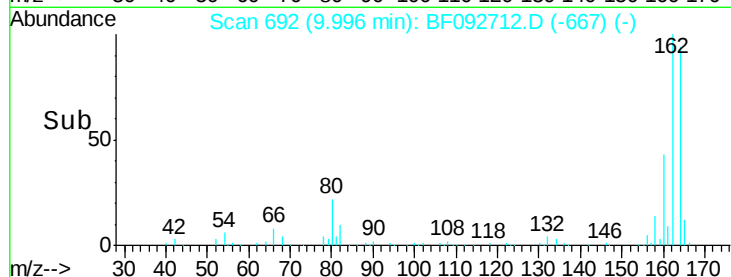
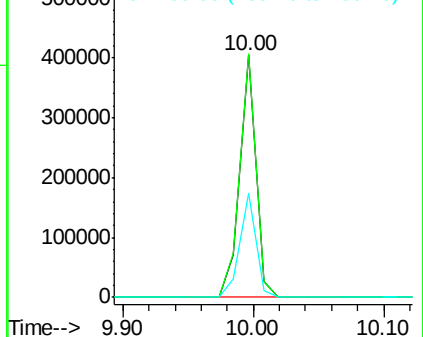
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tgt Ion:164 Resp: 347236
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 42.9 36.9 55.3

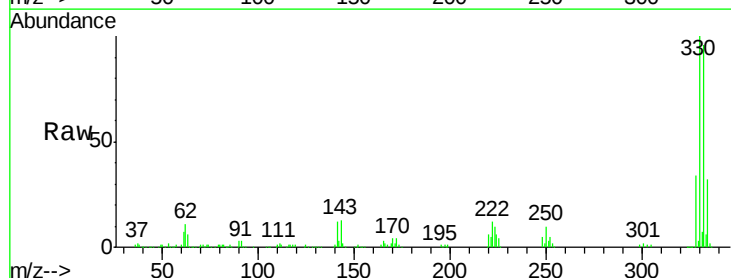


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

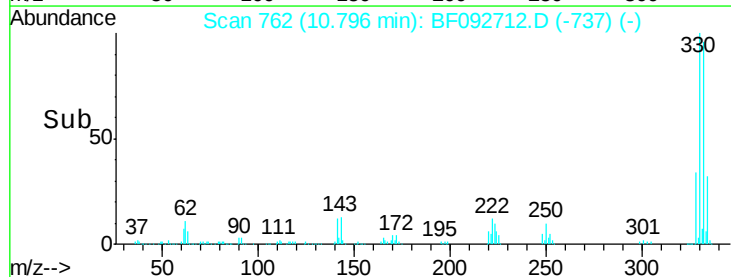
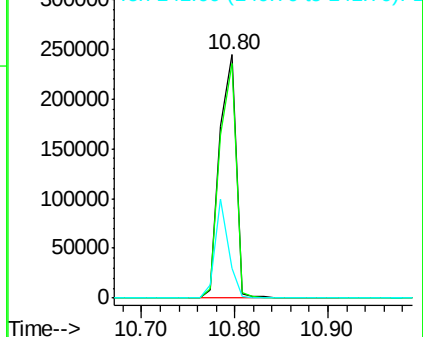


#41
 2,4,6-Tribromophenol
 Concen: 119.04 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

Tgt Ion:330 Resp: 298962
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.8 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

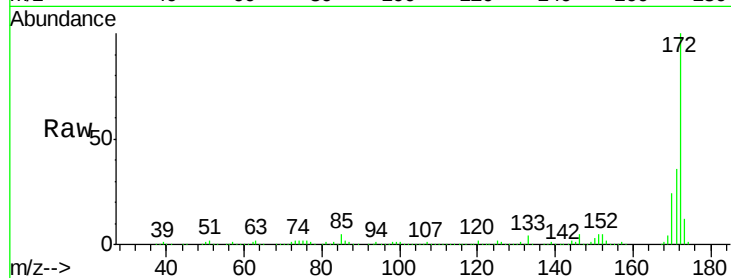




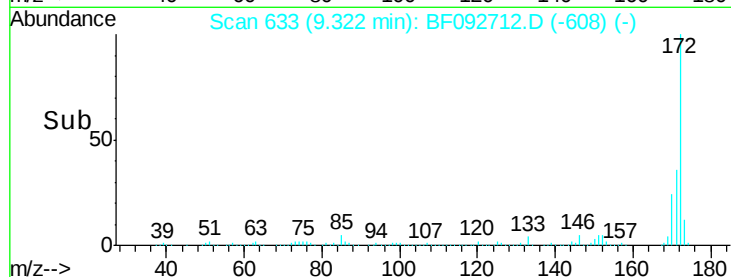
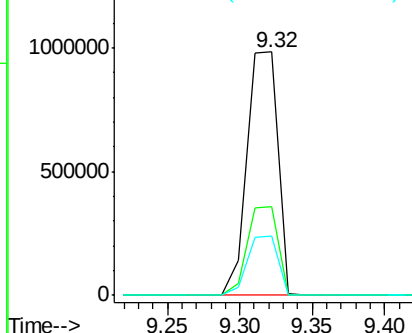
#44
 2-Fluorobiphenyl
 Concen: 75.90 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tgt Ion:172 Resp: 1454714
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 20.2 30.4

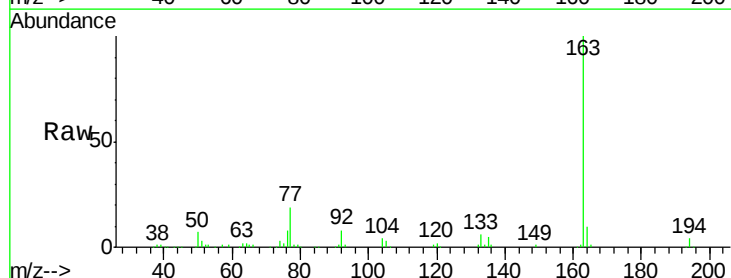


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

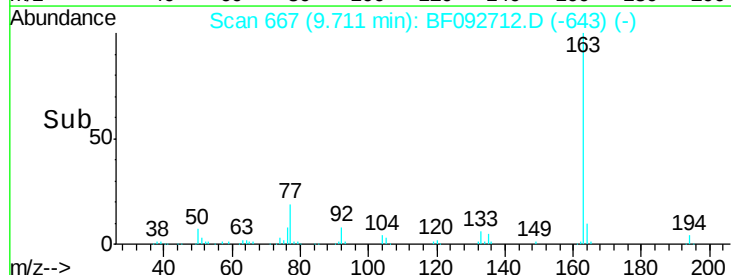
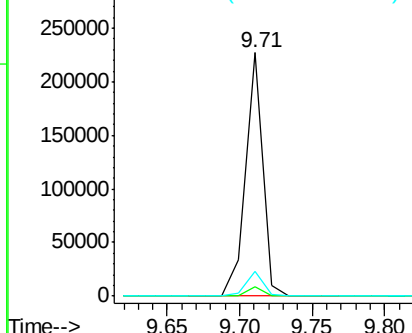


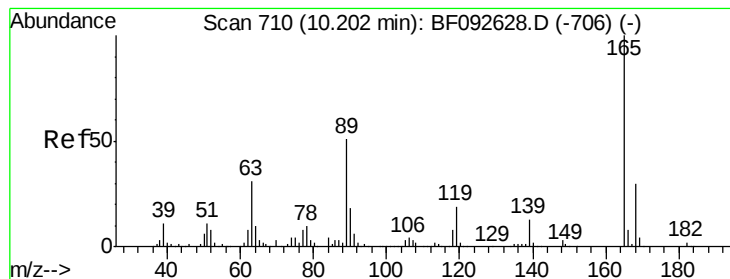
#49
 Dimethylphthalate
 Concen: 8.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092712.D
 Acq: 1 Feb 2017 18:53

Tgt Ion:163 Resp: 187164
 Ion Ratio Lower Upper
 163 100
 194 3.7 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: 6.56 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.21 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

Tgt Ion:165 Resp: 44125

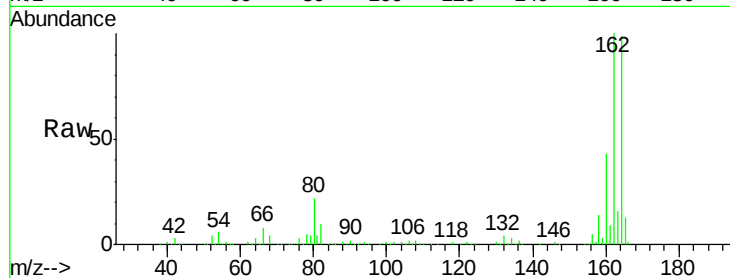
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

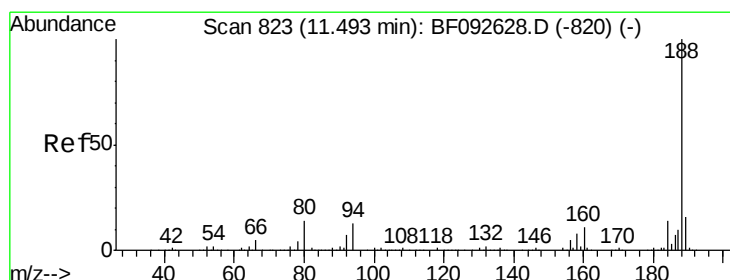
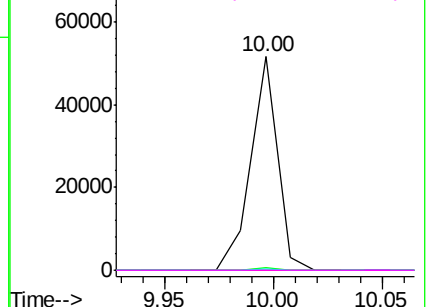
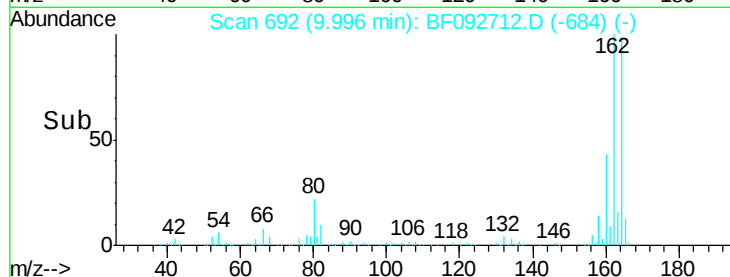


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

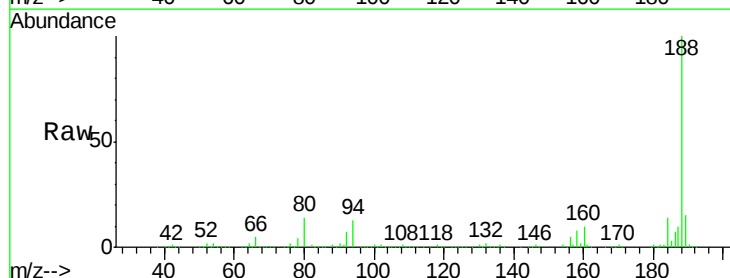
Tgt Ion:188 Resp: 546030

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

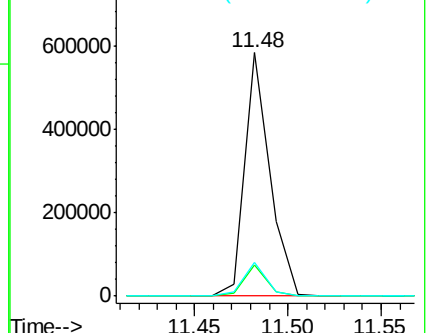
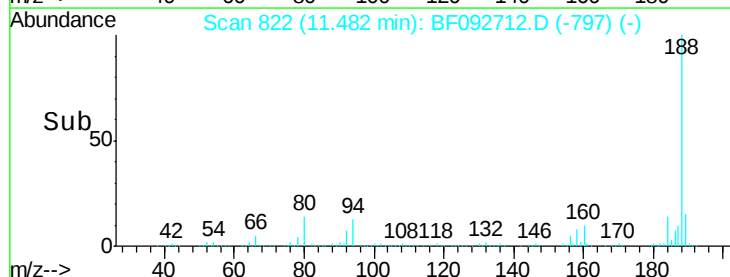
80 13.8 11.2 16.8

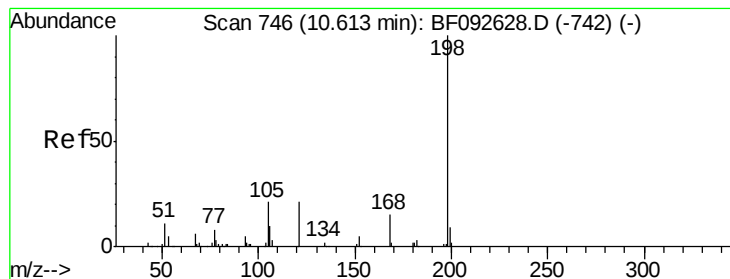


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.90 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

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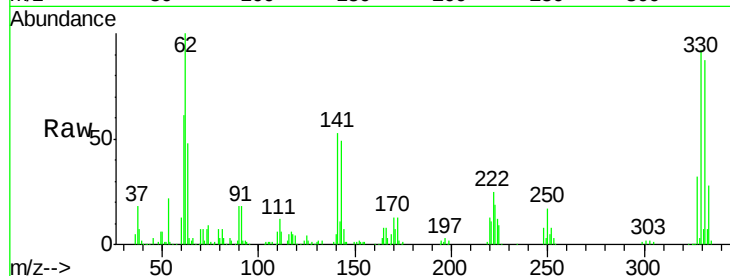
Tgt Ion:198 Resp: 818

Ion Ratio Lower Upper

198 100

51 216.3 6.7 46.7#

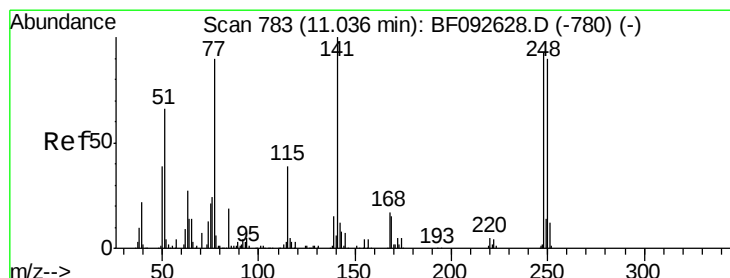
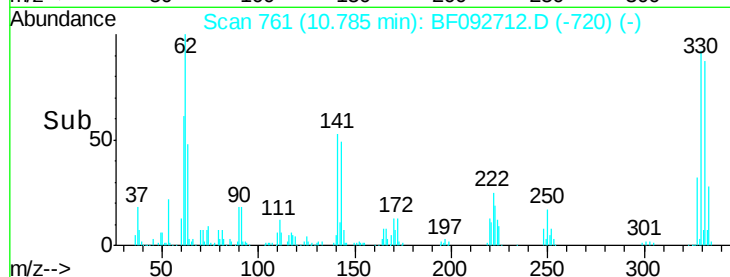
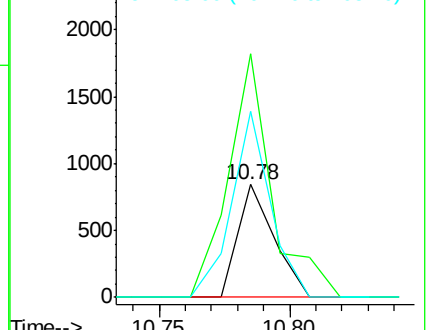
105 165.3 16.6 56.6#



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: 3.49 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

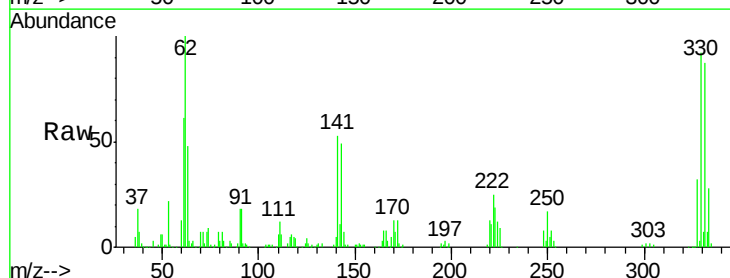
Tgt Ion:248 Resp: 19929

Ion Ratio Lower Upper

248 100

250 203.7 76.9 115.3#

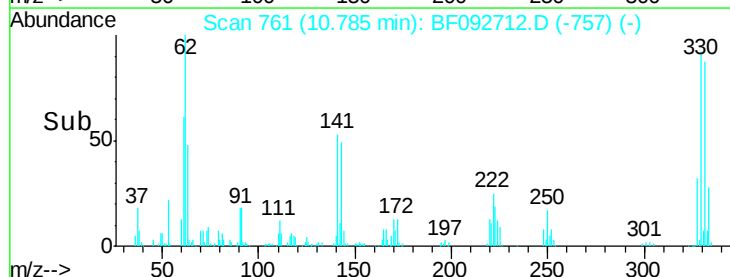
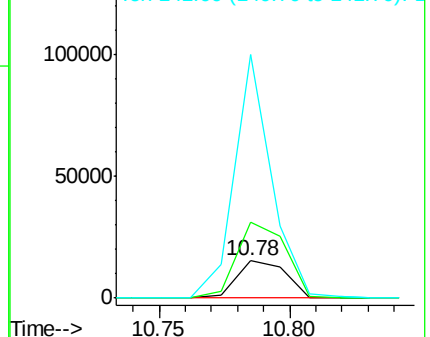
141 656.0 68.2 102.4#

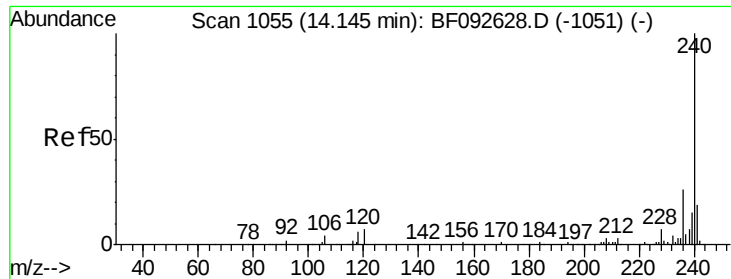


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

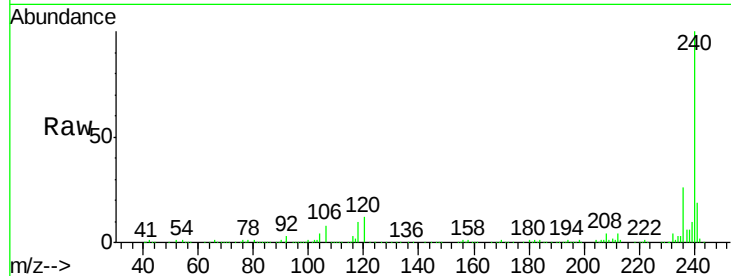
Tgt Ion:240 Resp: 425726

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

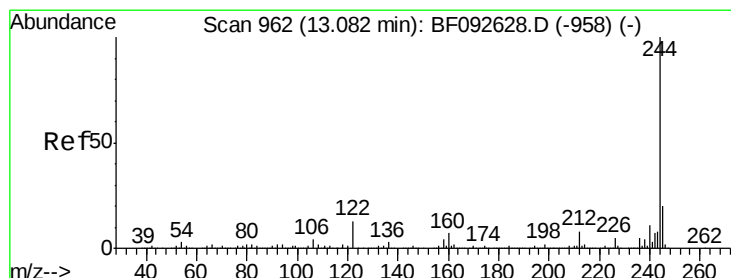
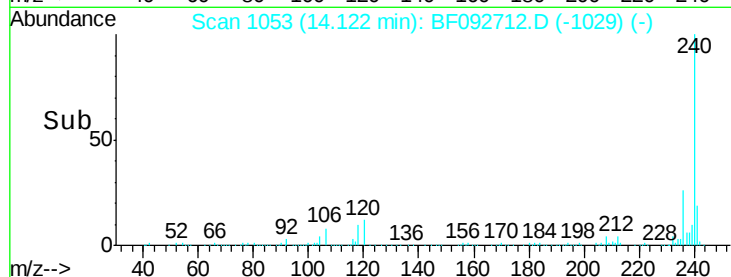
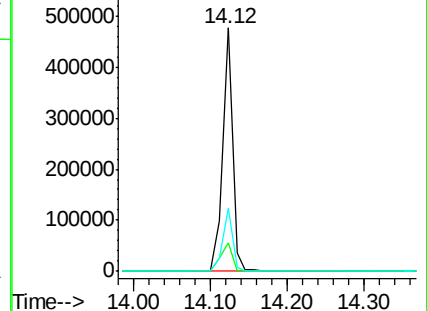
236 26.2 20.9 31.3



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: 61.55 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092712.D

Acq: 1 Feb 2017 18:53

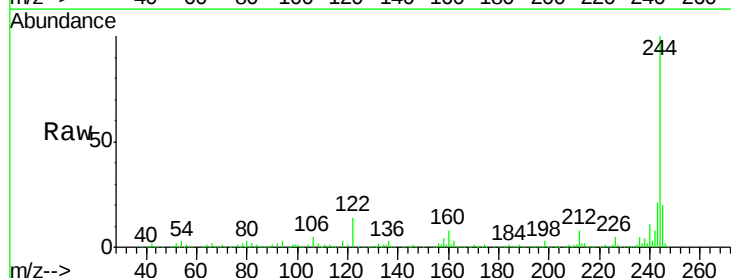
Tgt Ion:244 Resp: 1115232

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

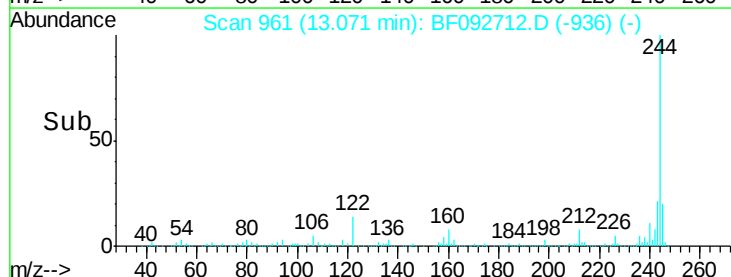
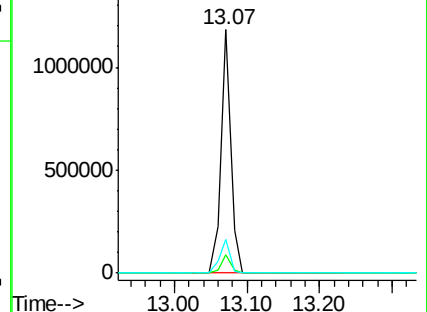
122 13.9 11.4 17.2

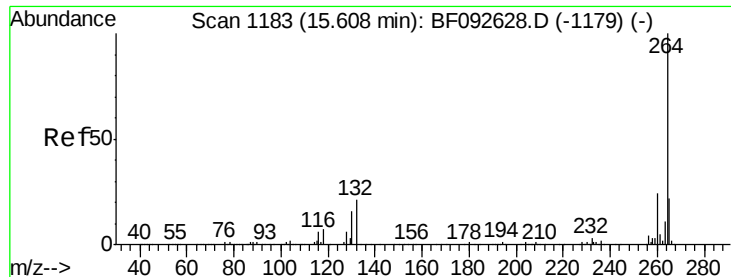


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092712.D
Acq: 1 Feb 2017 18:53

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tgt Ion: 264 Resp: 309225
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 17.4 26.0

