

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
 Data File : BF092673.D
 Acq On : 31 Jan 2017 10:23
 Operator : SJ/MA
 Sample : I1551-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jan 31 10:49:44 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

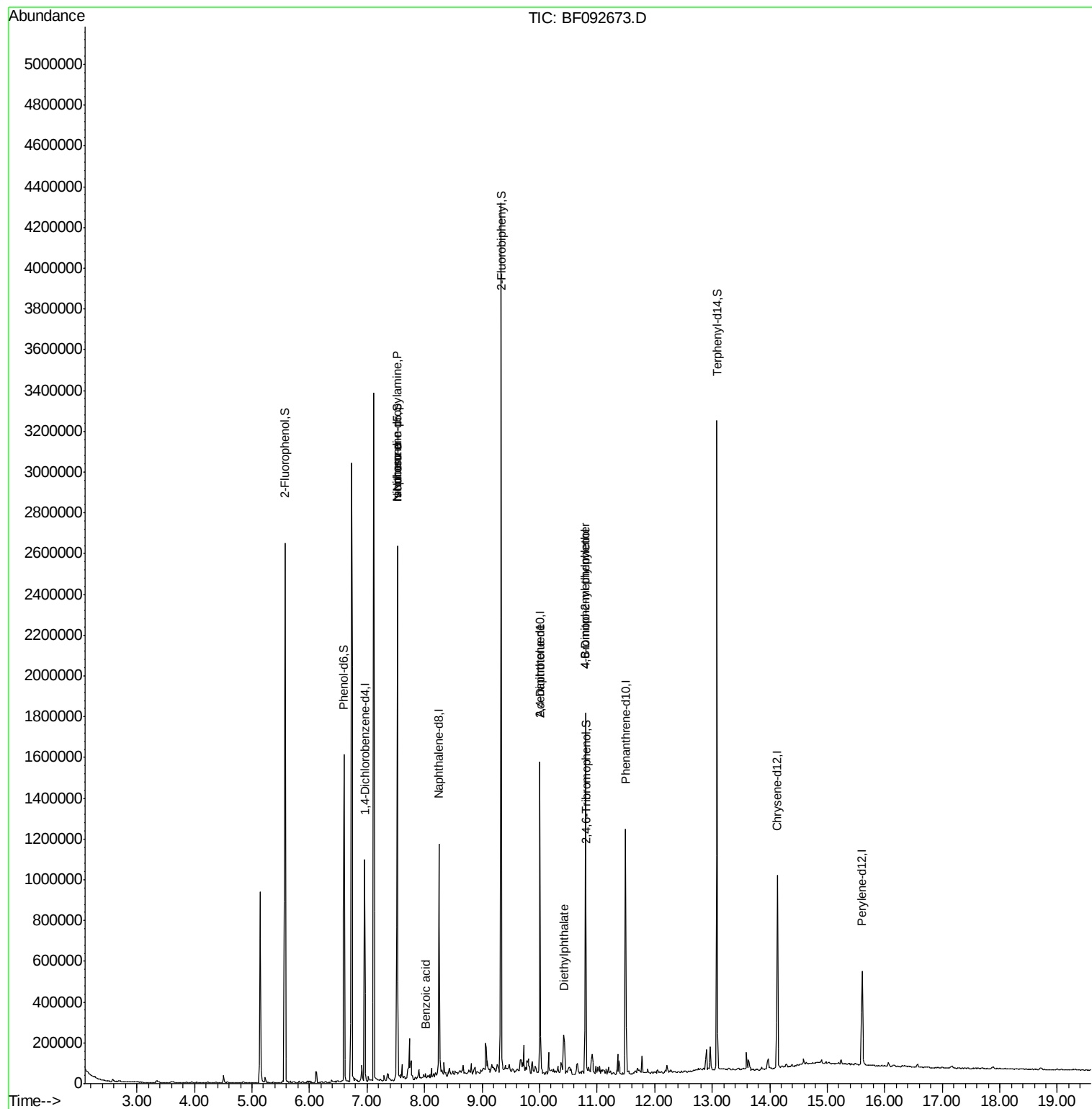
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	170458	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	632482	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	302325	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	405335	20.00	ng	0.00
75) Chrysene-d12	14.13	240	315489	20.00	ng	-0.01
86) Perylene-d12	15.61	264	212158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	690505	69.50	ng	0.00
7) Phenol-d6	6.60	99	601114	47.02	ng	0.00
23) Nitrobenzene-d5	7.53	82	902913	79.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	244333	111.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1598289	95.78	ng	0.00
78) Terphenyl-d14	13.08	244	972414	72.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	125539	15.43	ng	# 82
25) Isophorone	7.53	82	890503	42.08	ng	# 65
32) Benzoic acid	8.02	122	725	7.28	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	39397	6.73	ng	# 20
59) Diethylphthalate	10.42	149	65938	3.44	ng	# 96
64) 4,6-Dinitro-2-methylphenol	10.80	198	625	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	17005	4.02	ng	# 1

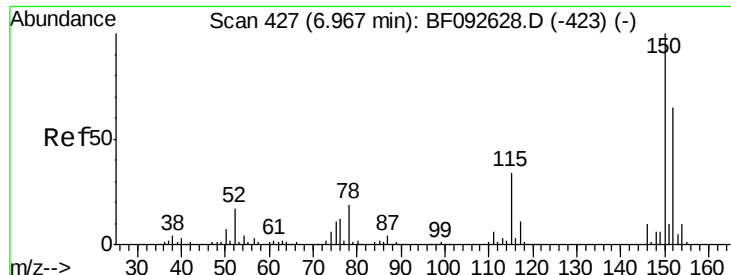
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
Data File : BF092673.D
Acq On : 31 Jan 2017 10:23
Operator : SJ/MA
Sample : I1551-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-39

Quant Time: Jan 31 10:49:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

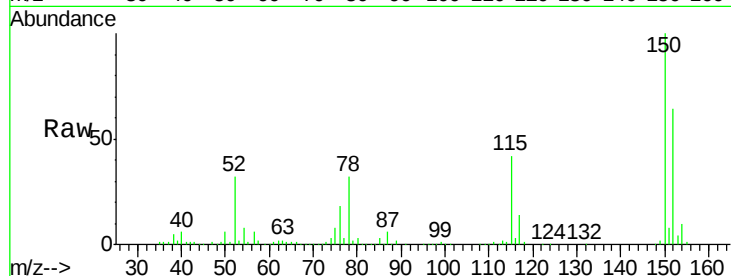
Tot Ion:152 Resp: 170458

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

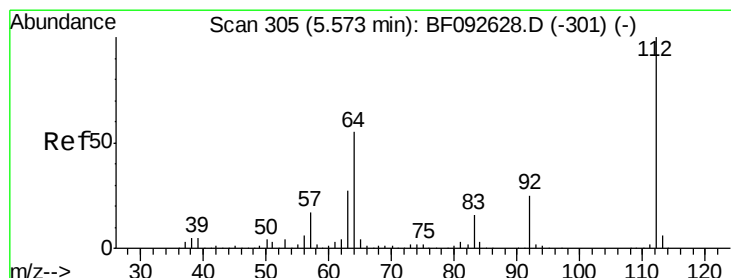
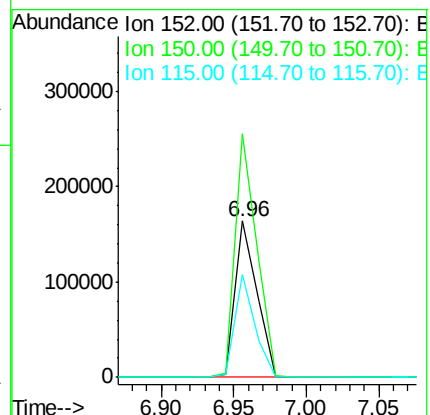
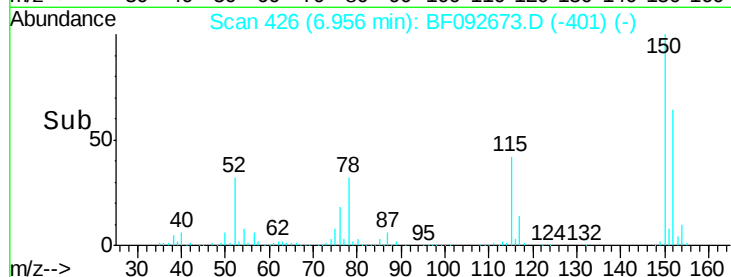
115 65.6 46.0 69.0



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: 69.50 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

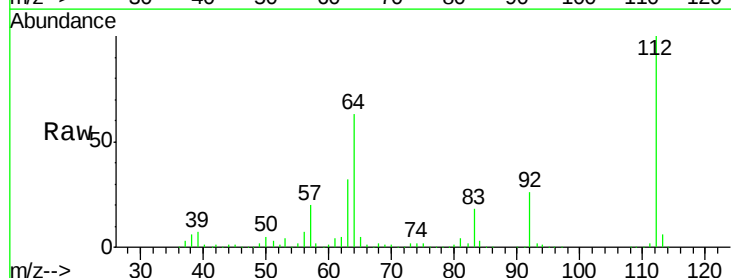
Tgt Ion:112 Resp: 690505

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

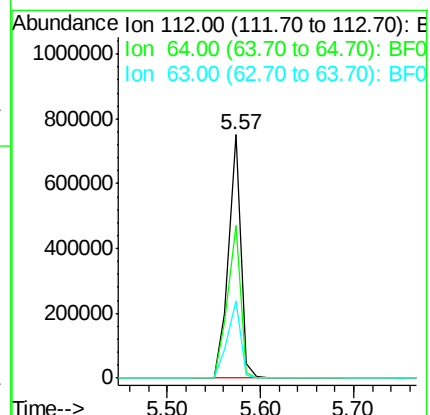
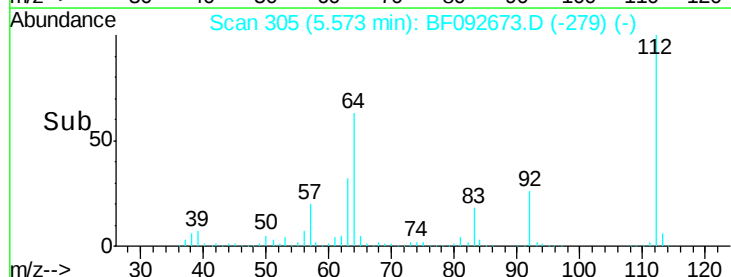
63 31.6 23.8 35.6

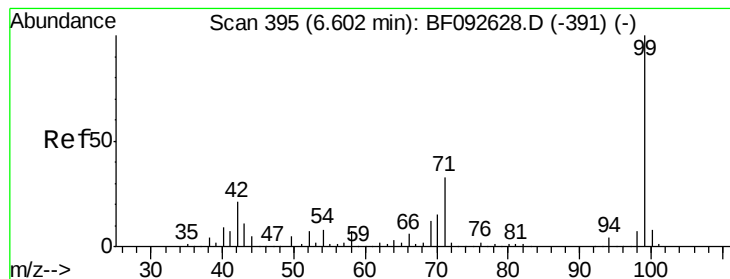


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.02 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

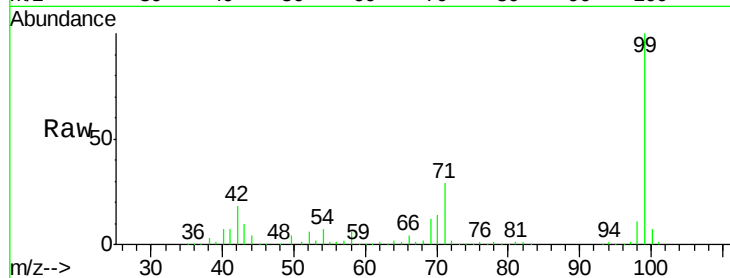
Tot Ion: 99 Resp: 601114

Ion Ratio Lower Upper

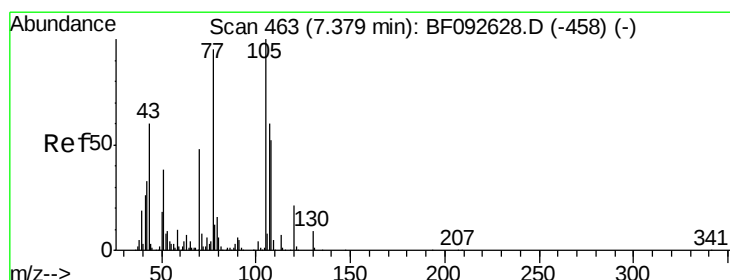
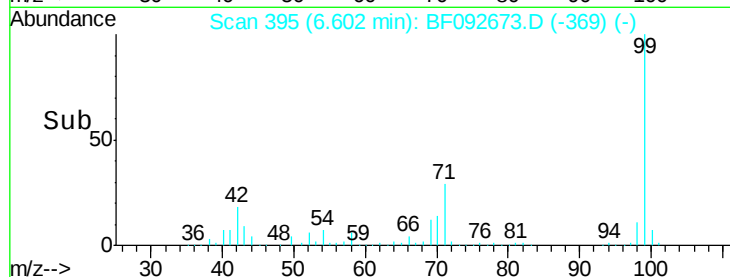
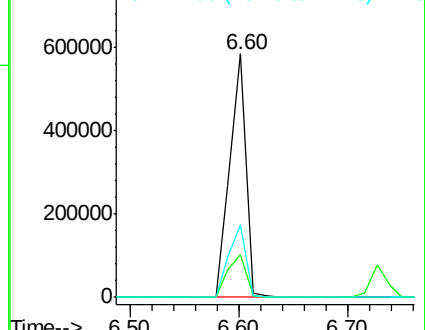
99 100

42 17.7 15.6 23.4

71 29.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.43 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Tgt Ion: 70 Resp: 125539

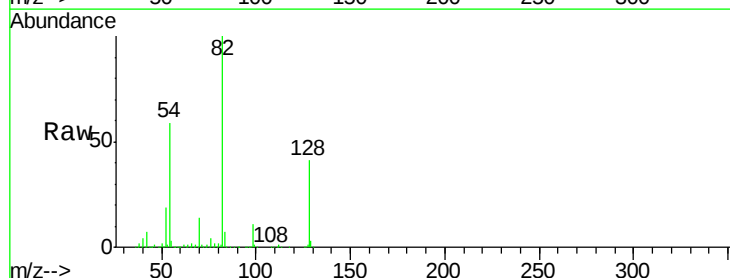
Ion Ratio Lower Upper

70 100

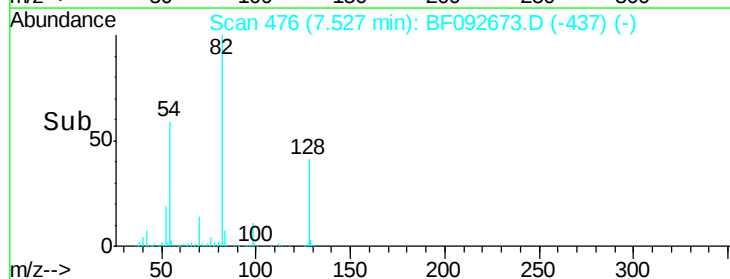
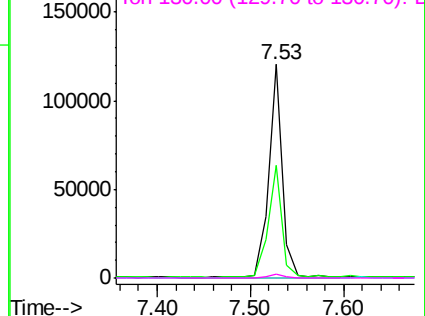
42 52.6 49.4 74.0

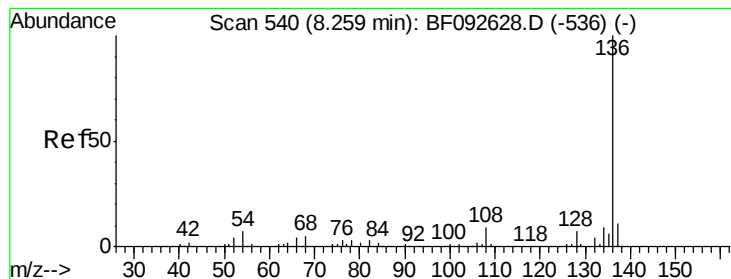
101 0.0 7.4 11.2#

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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

Tot Ion:136 Resp: 632482

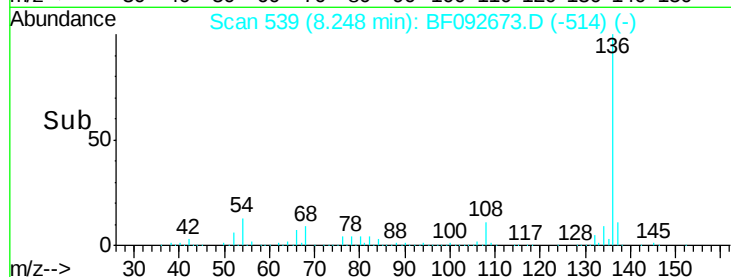
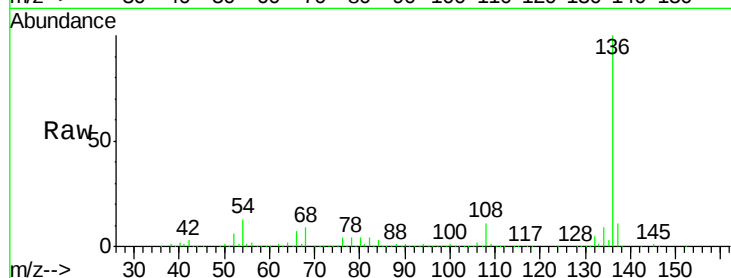
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 13.3 4.5 6.7#

68 9.0 3.6 5.4#

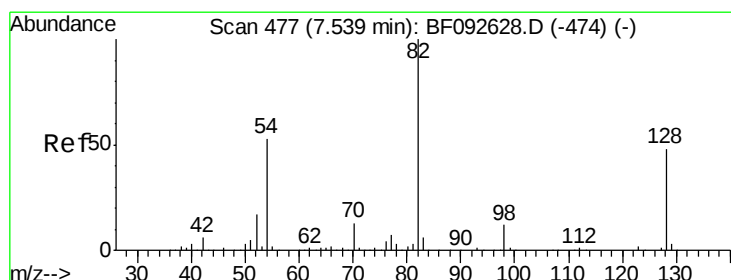
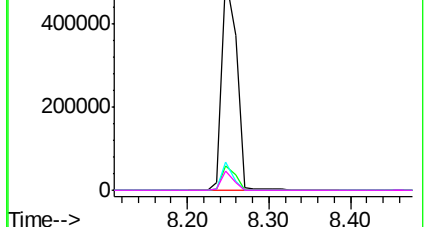


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.50 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

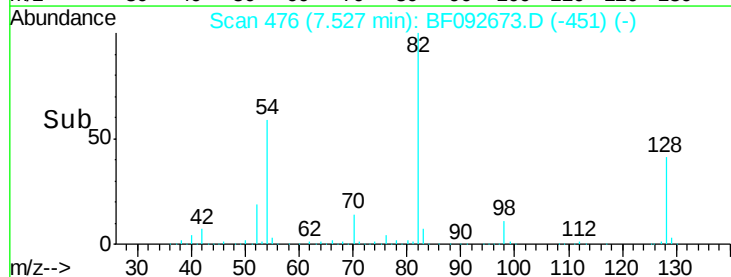
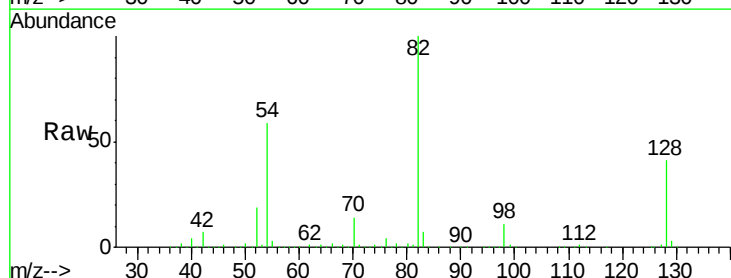
Tgt Ion: 82 Resp: 902913

Ion Ratio Lower Upper

82 100

128 40.8 34.6 52.0

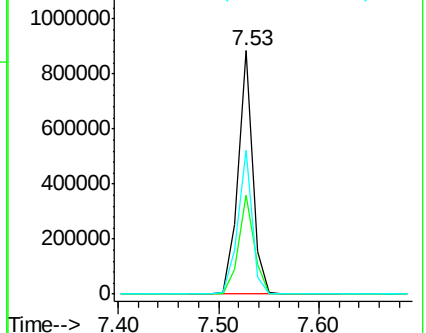
54 59.0 39.5 59.3

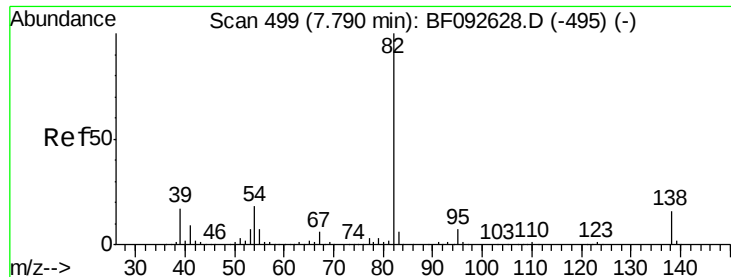


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.08 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampled :

W-39

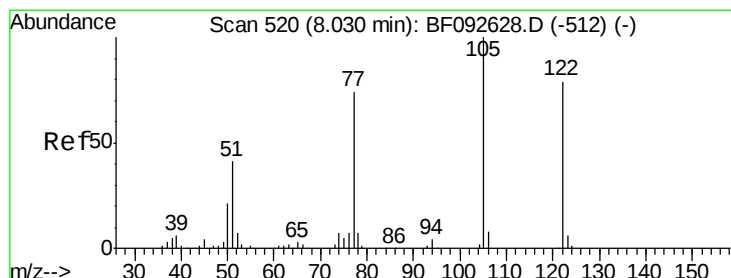
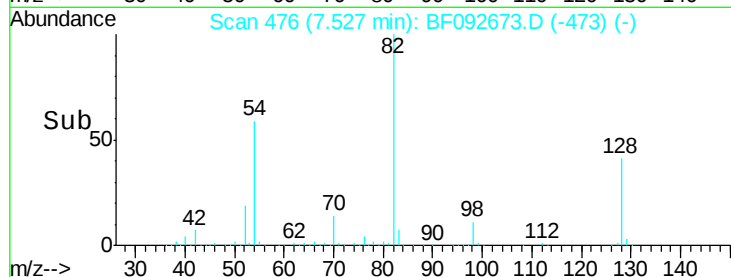
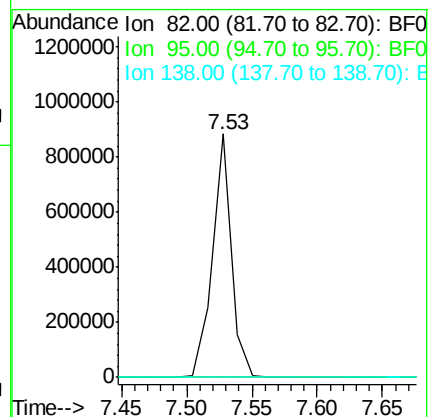
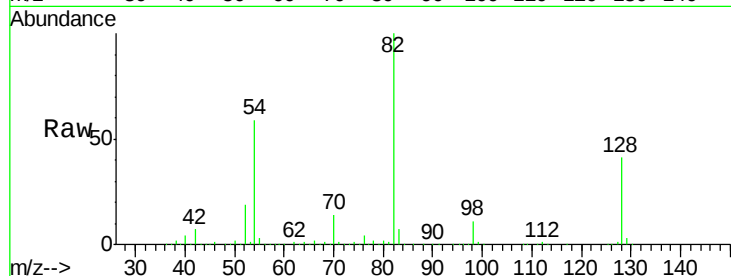
Tot Ion: 82 Resp: 890503

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.28 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

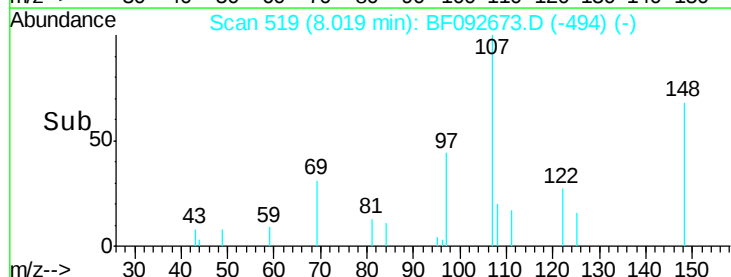
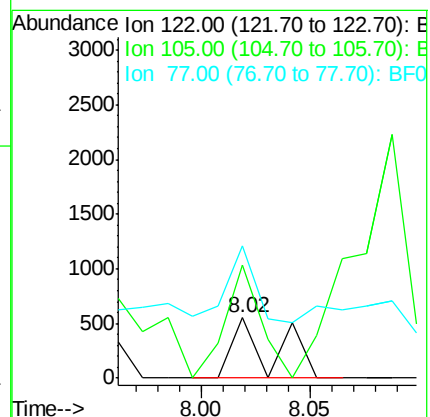
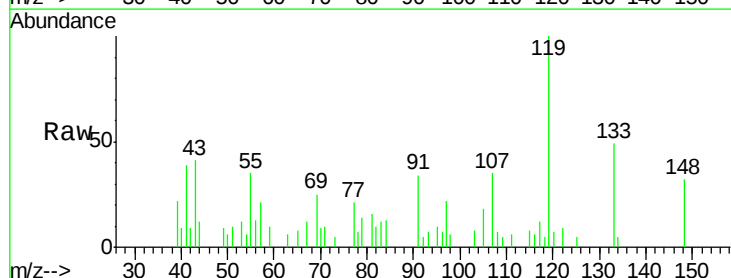
Tgt Ion: 122 Resp: 725

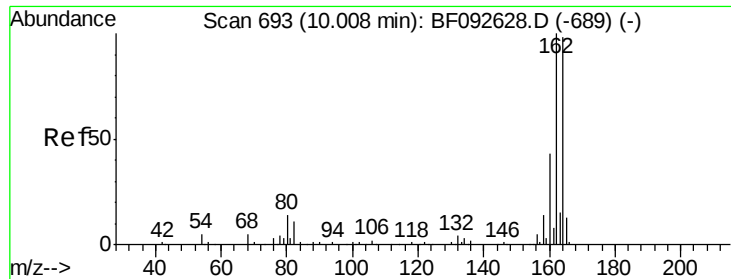
Ion Ratio Lower Upper

122 100

105 189.3 107.2 147.2#

77 220.9 74.5 114.5#

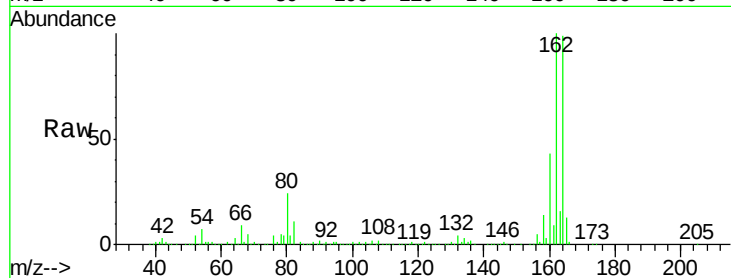




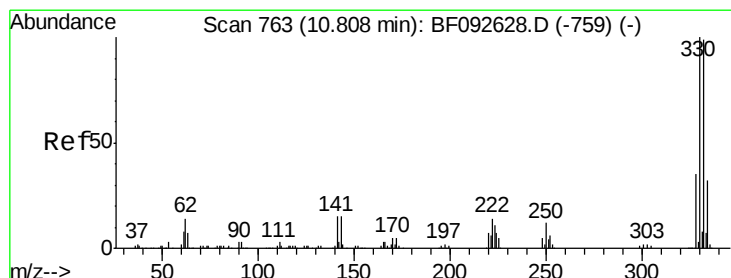
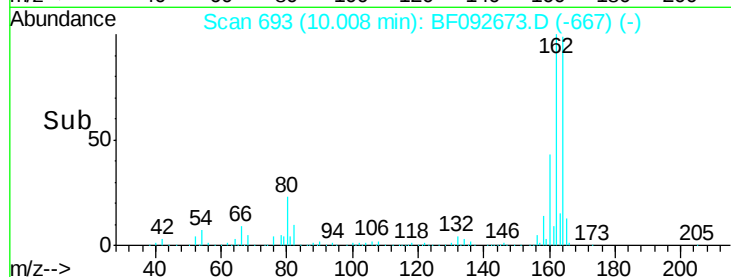
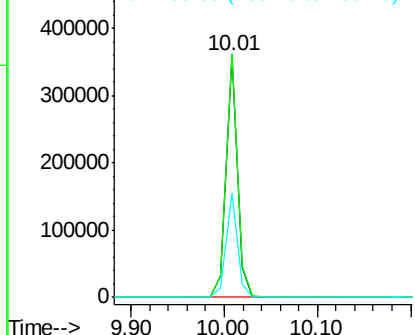
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tot Ion:164 Resp: 302325
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 43.1 36.9 55.3

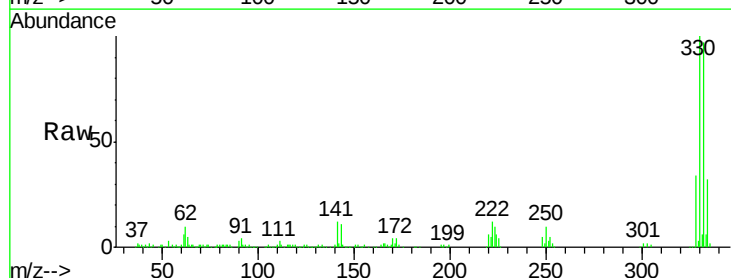


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

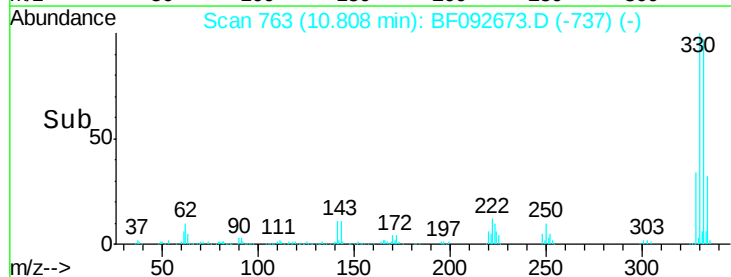
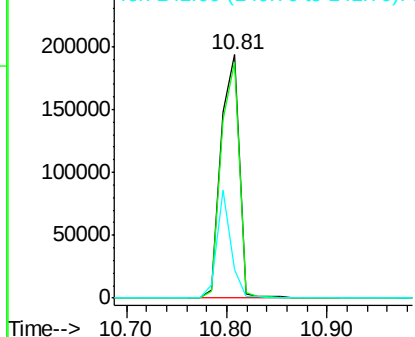


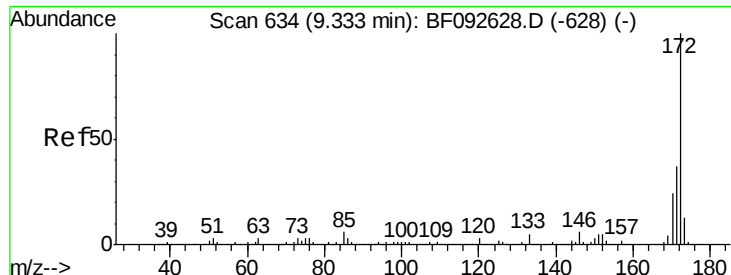
#41
2,4,6-Tribromophenol
Concen: 111.74 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Tgt Ion:330 Resp: 244333
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.7 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

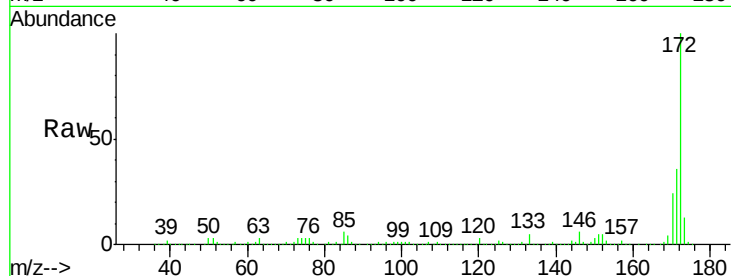




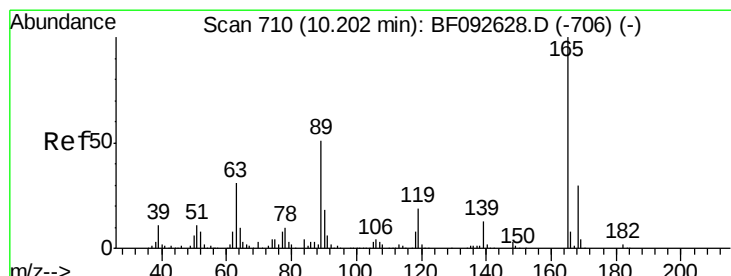
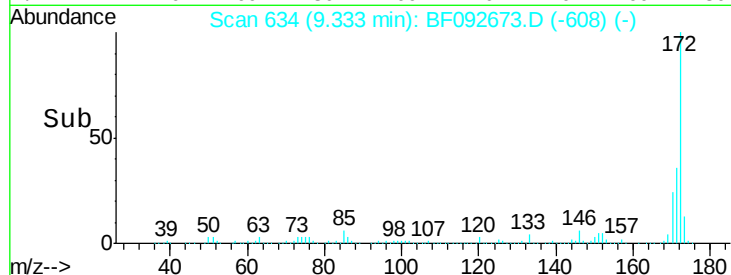
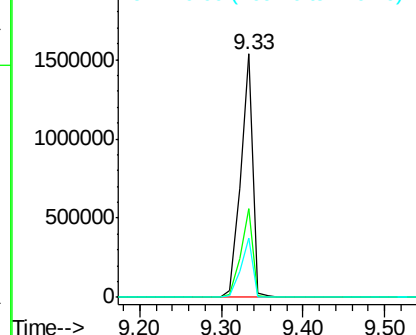
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092673.D
 Acq: 31 Jan 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tot Ion:172 Resp: 1598289
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 20.2 30.4

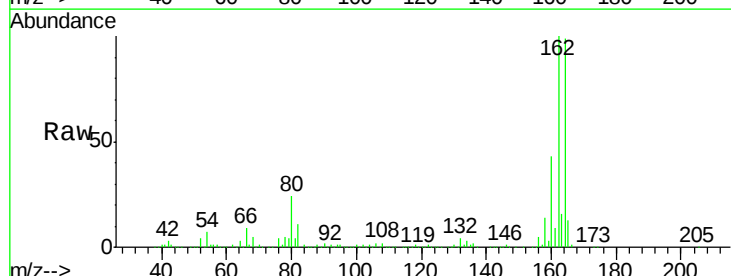


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

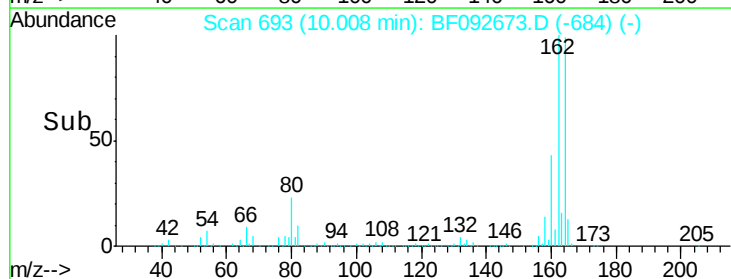
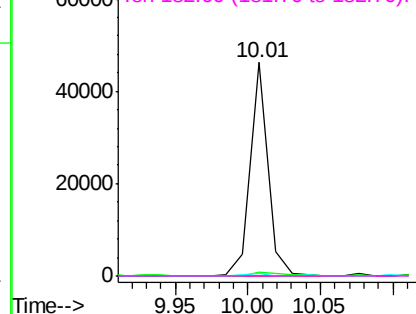


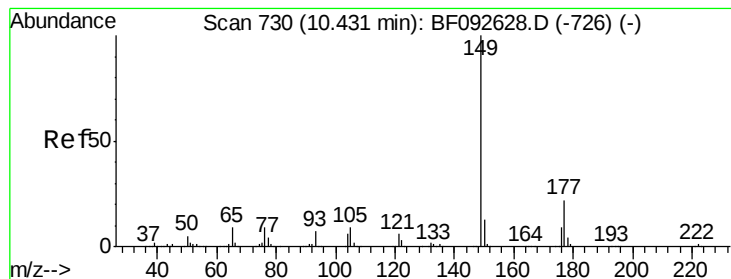
#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092673.D
 Acq: 31 Jan 2017 10:23

Tgt Ion:165 Resp: 39397
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.3 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





#59

Diethylphthalate

Concen: 3.44 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

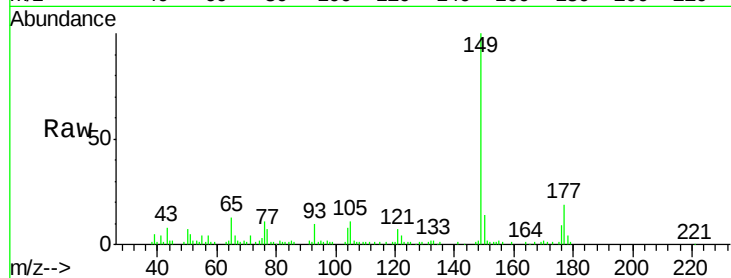
Tot Ion:149 Resp: 65938

Ion Ratio Lower Upper

149 100

177 18.6 16.6 25.0

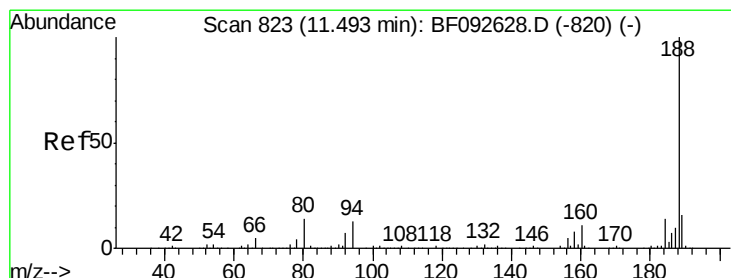
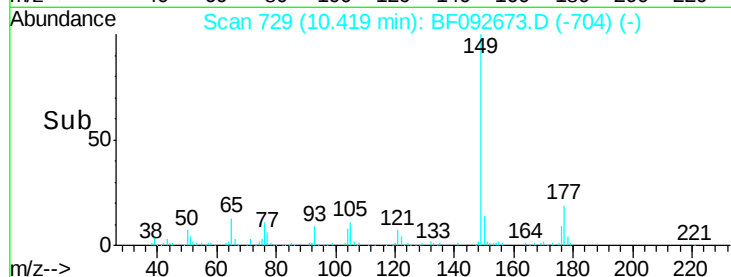
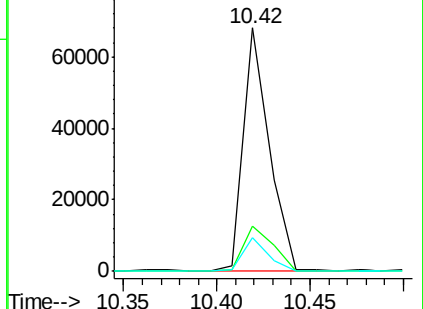
150 13.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

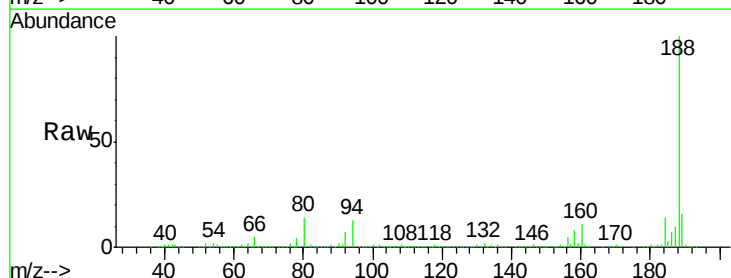
Tgt Ion:188 Resp: 405335

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

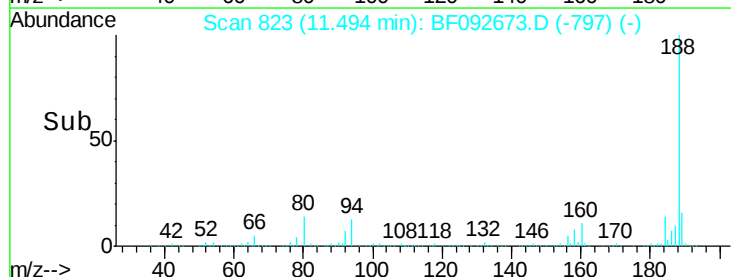
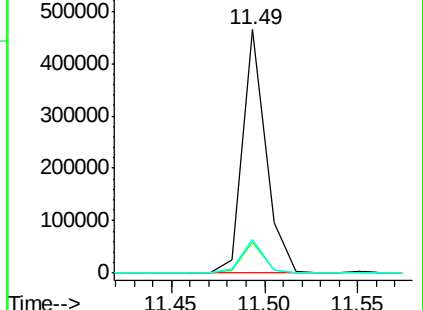
80 14.1 11.2 16.8

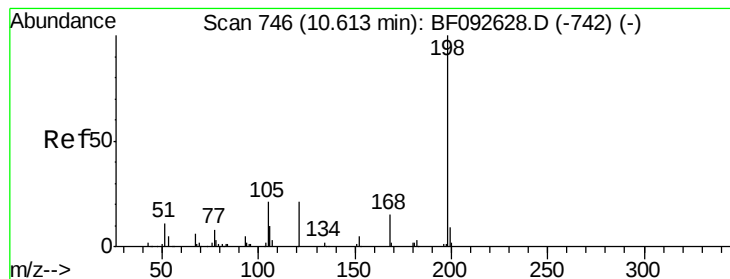


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.91 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

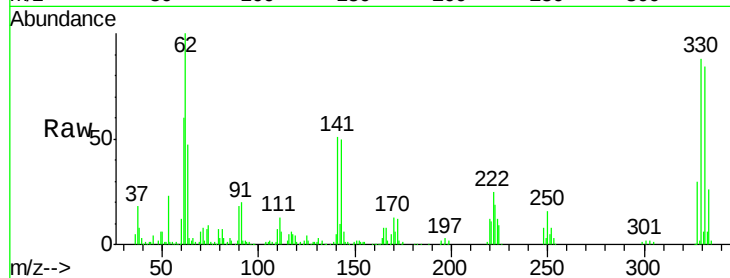
Tot Ion:198 Resp: 625

Ion Ratio Lower Upper

198 100

51 343.2 6.7 46.7#

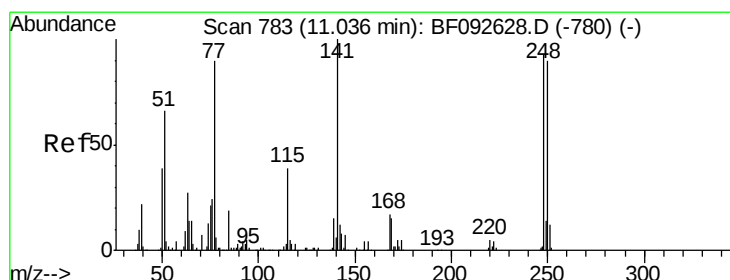
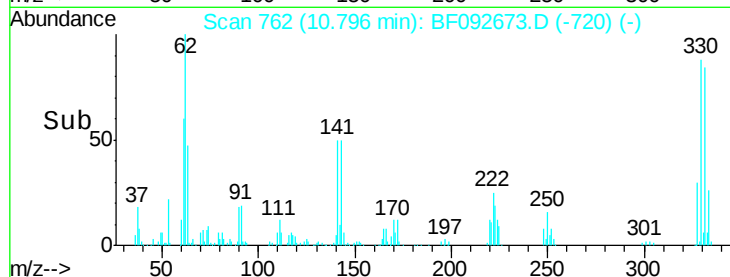
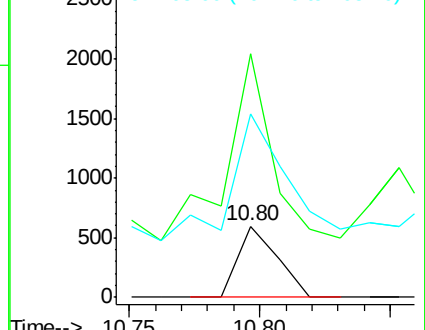
105 258.8 16.6 56.6#



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: 4.02 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

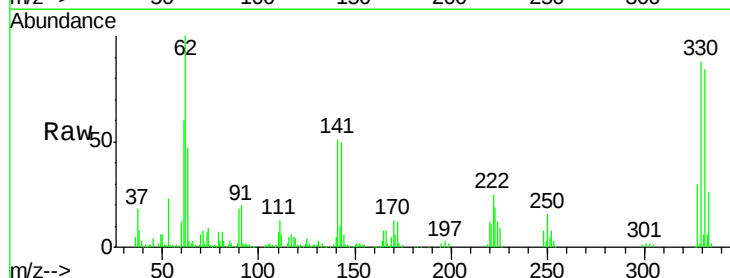
Tgt Ion:248 Resp: 17005

Ion Ratio Lower Upper

248 100

250 191.3 76.9 115.3#

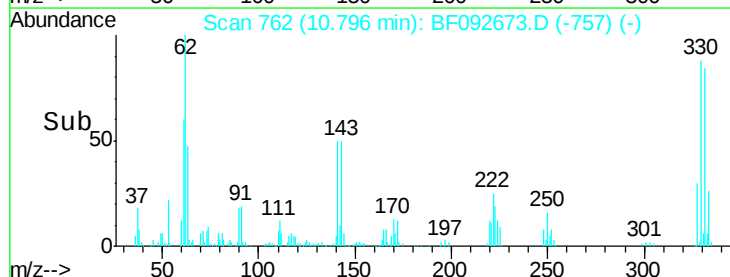
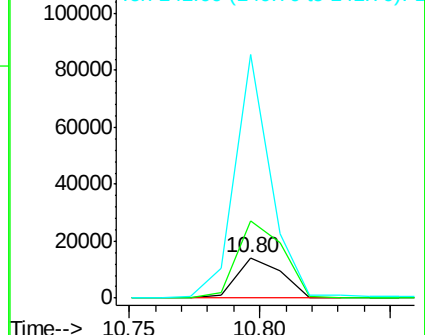
141 606.5 68.2 102.4#

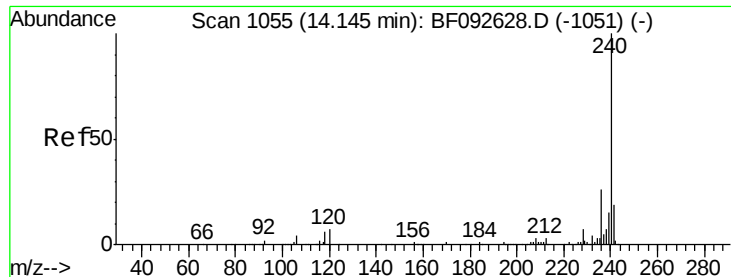


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

Instrument :

BNA_F

ClientSampleId :

W-39

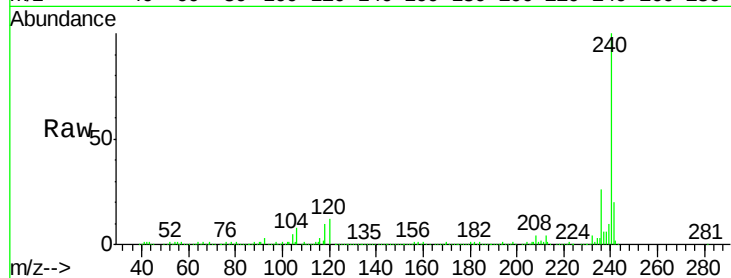
Tot Ion:240 Resp: 315489

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

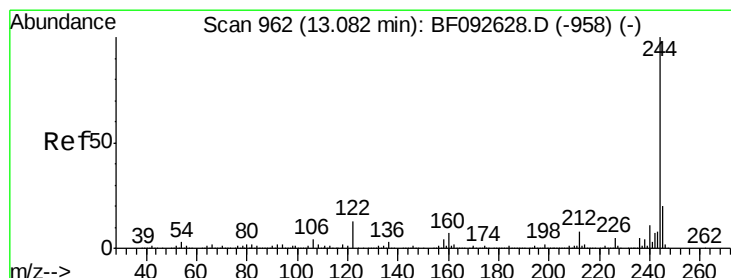
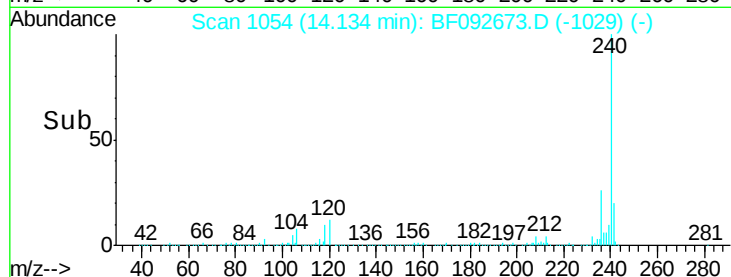
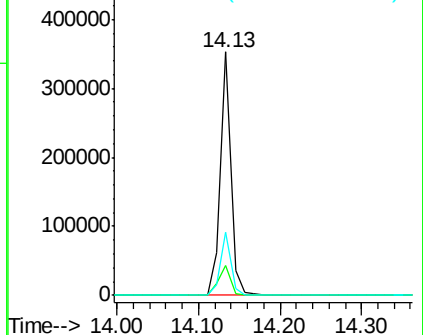
236 26.0 20.9 31.3



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: 72.42 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092673.D

Acq: 31 Jan 2017 10:23

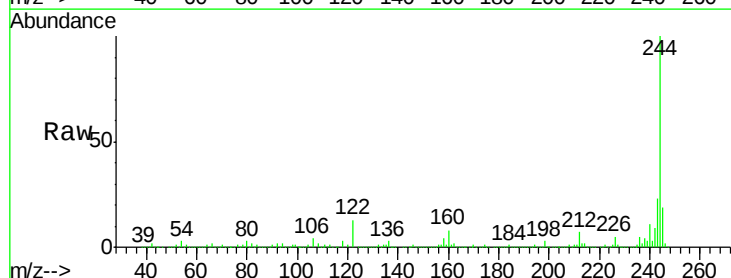
Tgt Ion:244 Resp: 972414

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

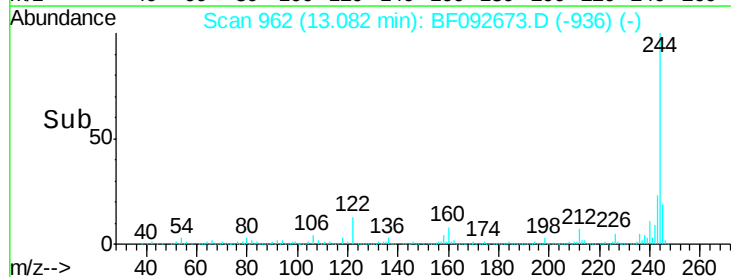
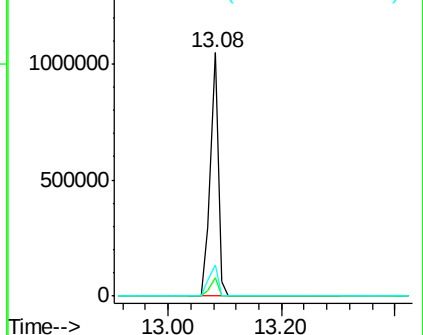
122 12.8 11.4 17.2

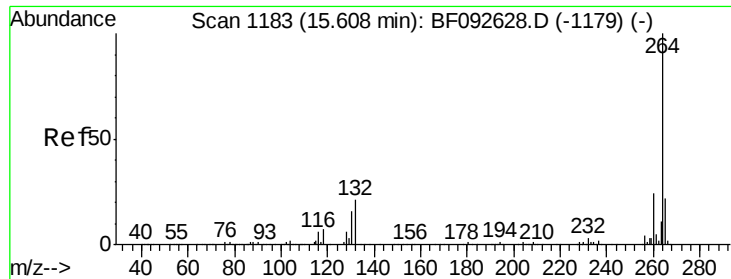


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

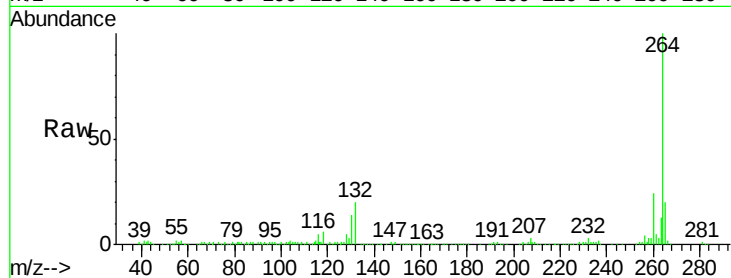




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF092673.D
Acq: 31 Jan 2017 10:23

Instrument :
BNA_F
ClientSampleId :
W-39

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.5	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

