

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092722.D
 Acq On : 1 Feb 2017 23:25
 Operator : SJ/MA
 Sample : I1593-12RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

Quant Time: Feb 01 23:54:52 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

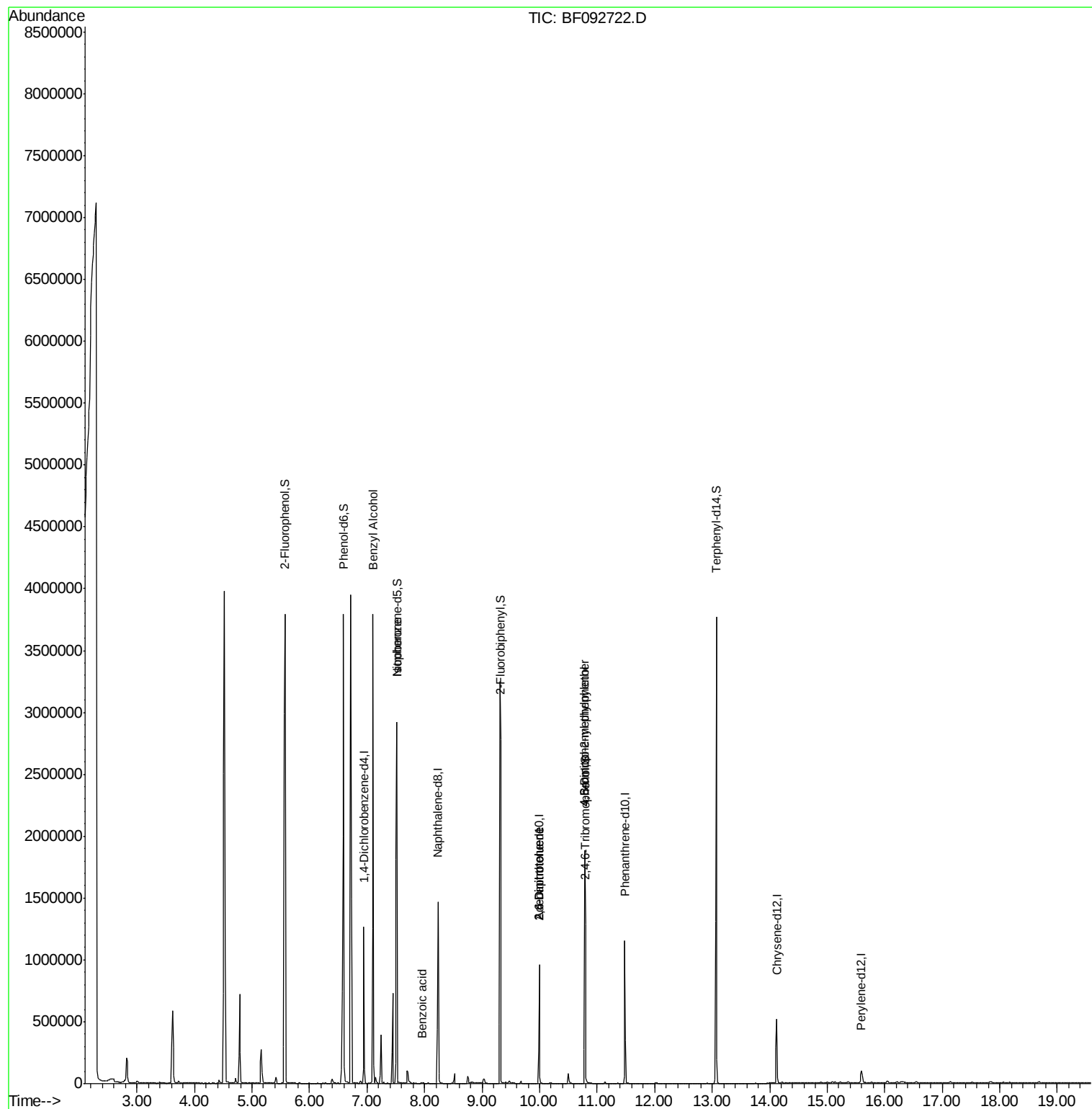
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	162959	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	645584	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	183446	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	404244	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	172057	20.00	ng	-0.02
86) Perylene-d12	15.59	264	10563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1357543	142.92	ng	0.00
7) Phenol-d6	6.59	99	1288139	105.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1144065	98.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	315503	237.79	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1581594	156.19	ng	-0.01
78) Terphenyl-d14	13.07	244	1112481	151.92	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.10	79	18123	2.00	ng	# 32
25) Isophorone	7.52	82	1109284	51.35	ng	# 65
32) Benzoic acid	7.95	122	2300	7.51	ng	# 86
50) 2,6-Dinitrotoluene	10.00	165	22940	8.60	ng	# 33
56) 2,4-Dinitrotoluene	10.00	165	22941	6.46	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.78	198	617	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	22166	5.25	ng	# 1

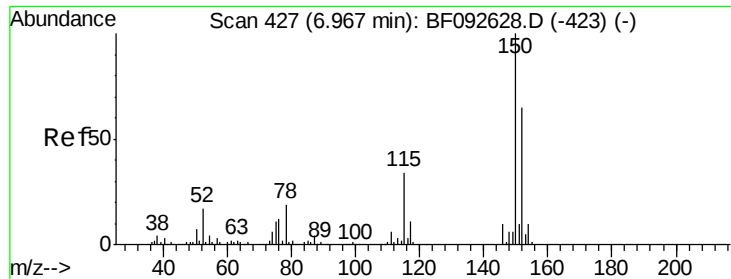
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

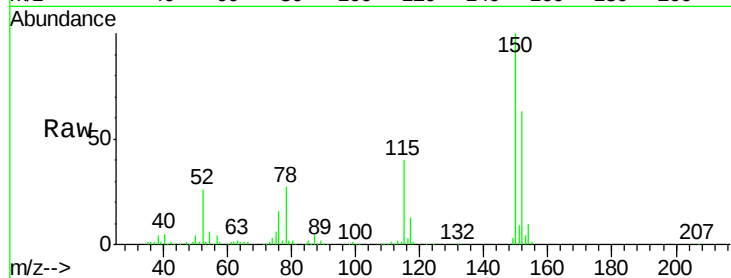
Tgt Ion:152 Resp: 162959

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

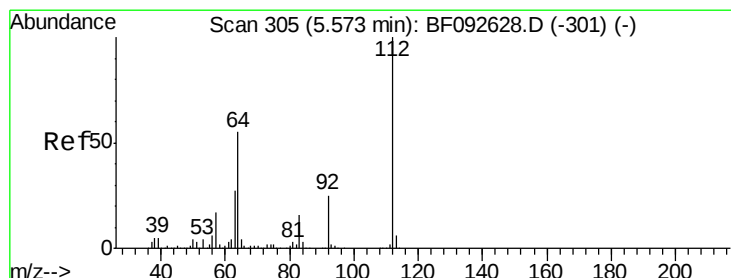
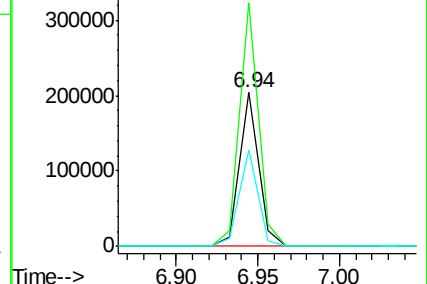
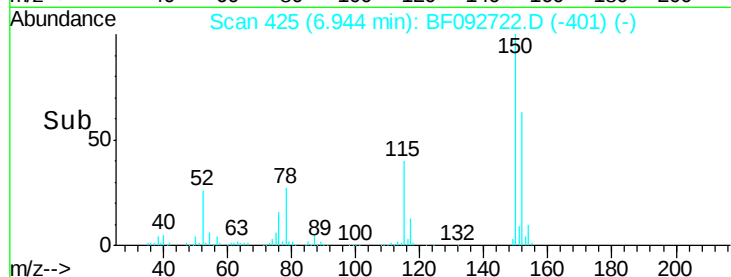
115 63.2 46.0 69.0



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: 142.92 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

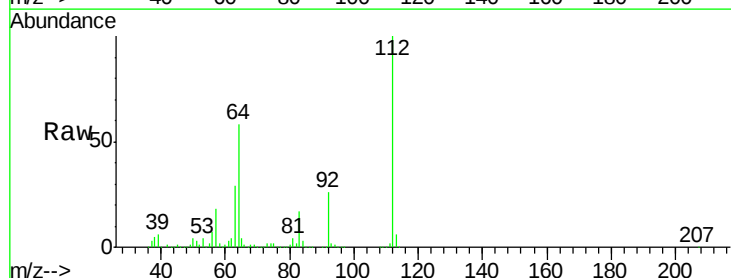
Tgt Ion:112 Resp: 1357543

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

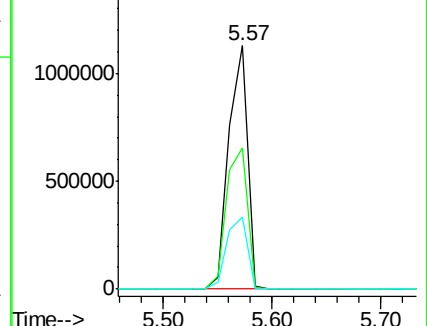
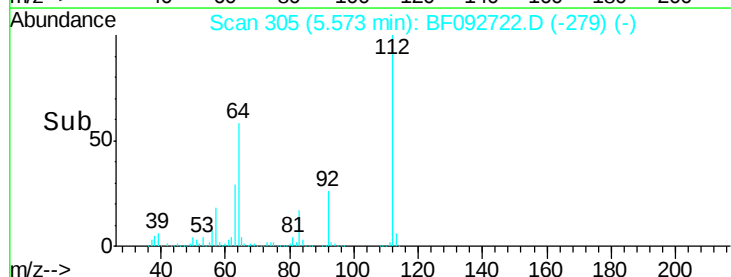
63 29.4 23.8 35.6

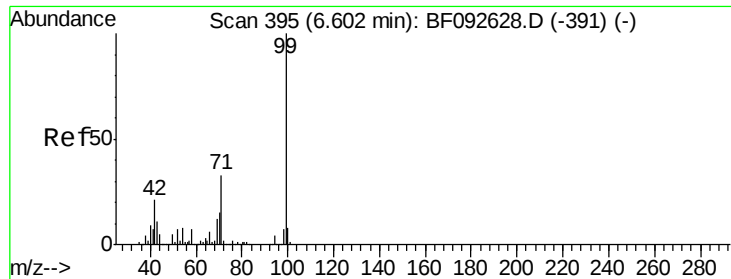


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.40 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

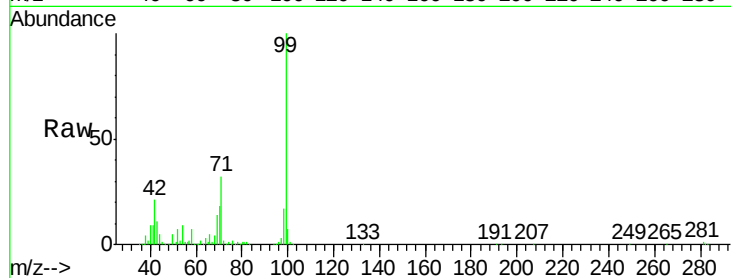
Tgt Ion: 99 Resp: 1288139

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

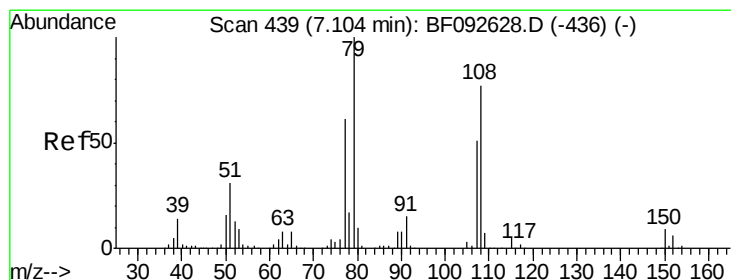
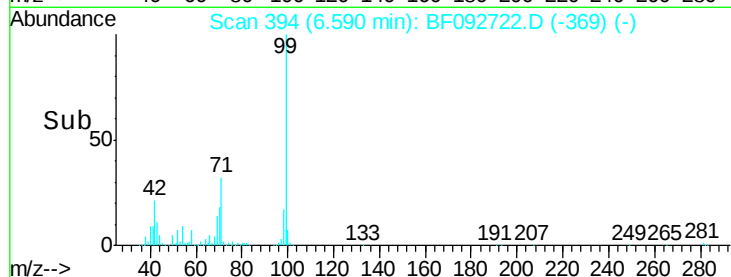
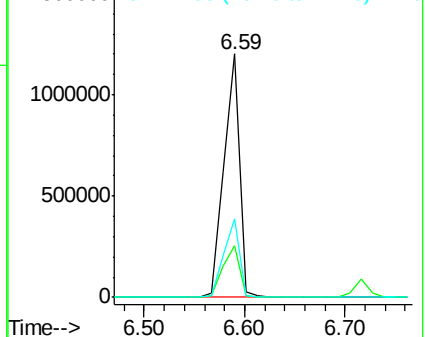
71 32.0 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

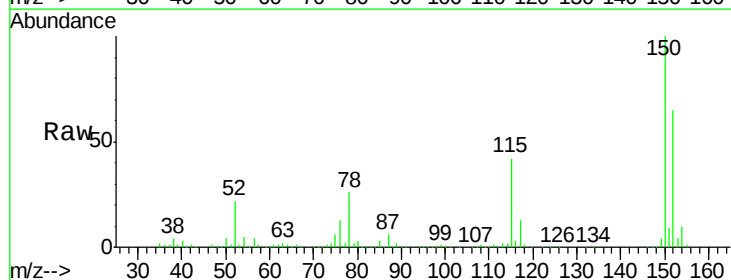
Tgt Ion: 79 Resp: 18123

Ion Ratio Lower Upper

79 100

108 30.6 61.4 92.0#

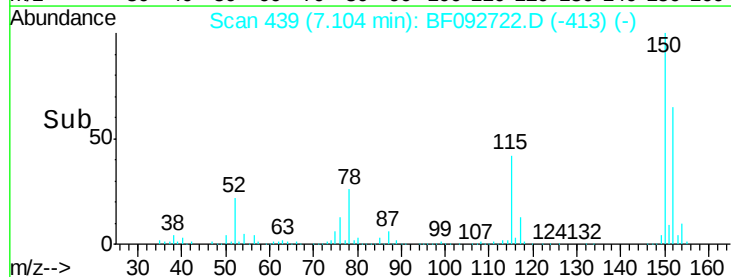
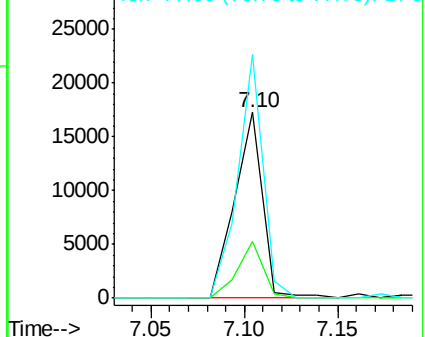
77 131.2 50.9 76.3#

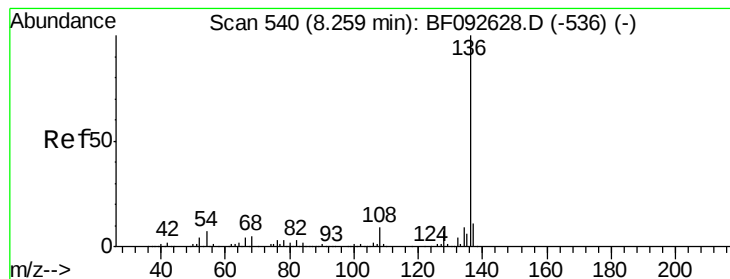


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

Tgt Ion:136 Resp: 645584

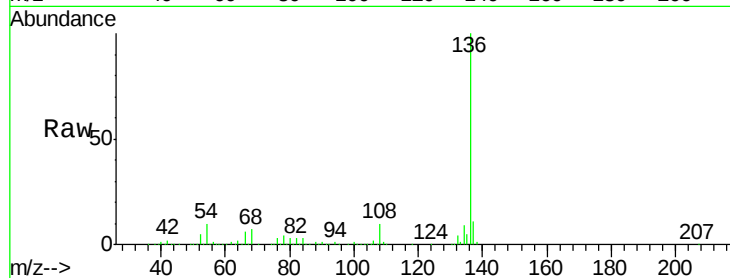
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.7 4.5 6.7#

68 6.7 3.6 5.4#

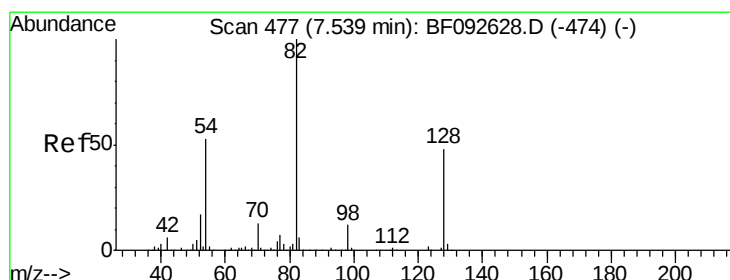
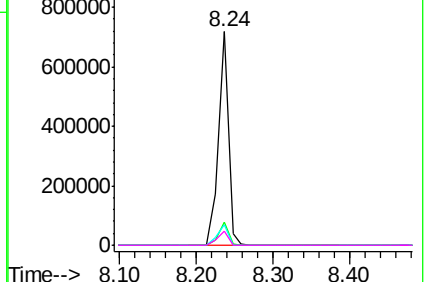
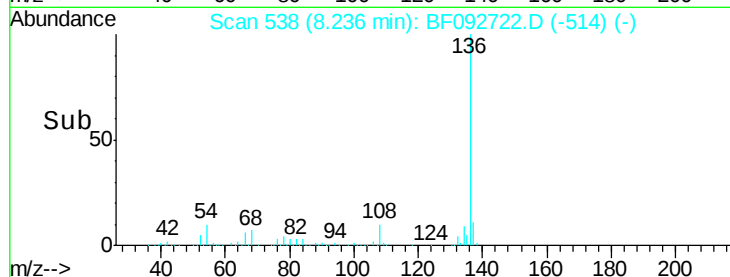


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.69 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

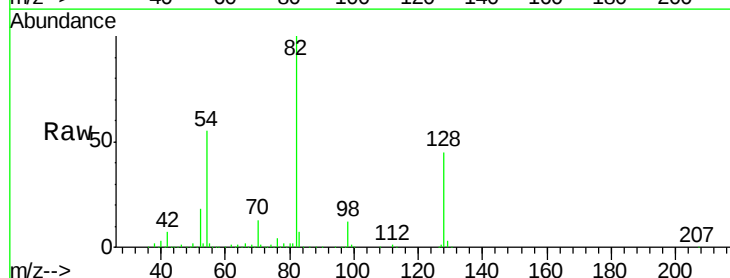
Tgt Ion: 82 Resp: 1144065

Ion Ratio Lower Upper

82 100

128 45.2 34.6 52.0

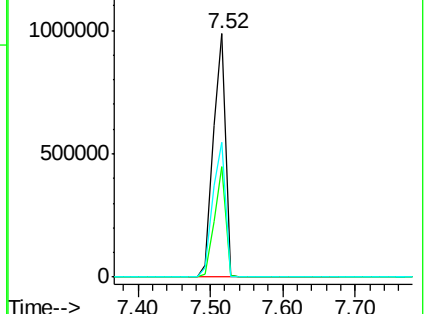
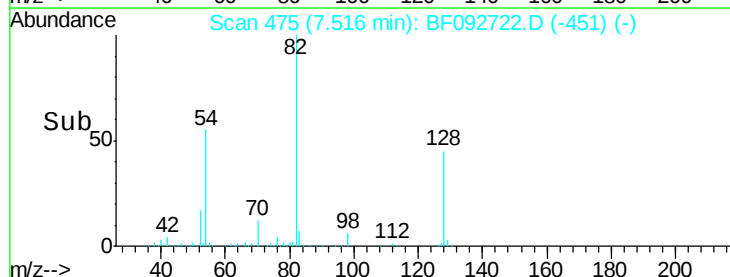
54 55.4 39.5 59.3

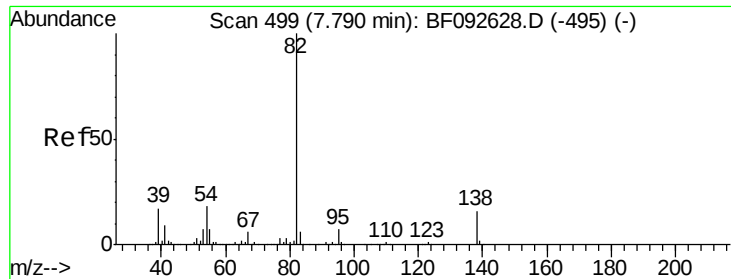


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 51.35 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

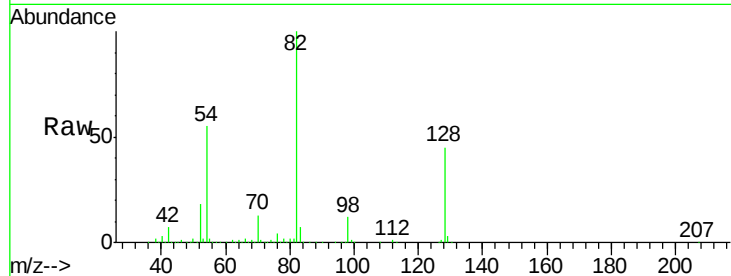
Tgt Ion: 82 Resp: 1109284

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

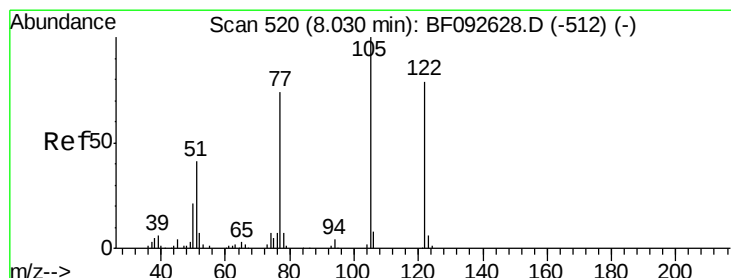
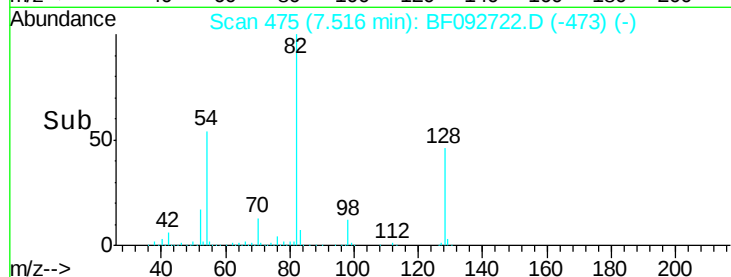
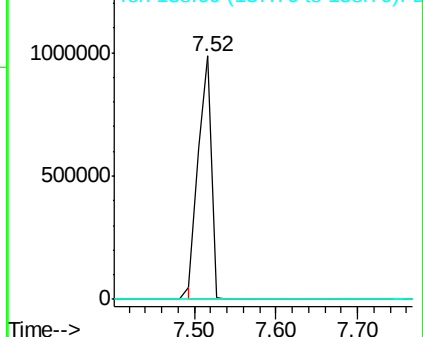
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 7.51 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

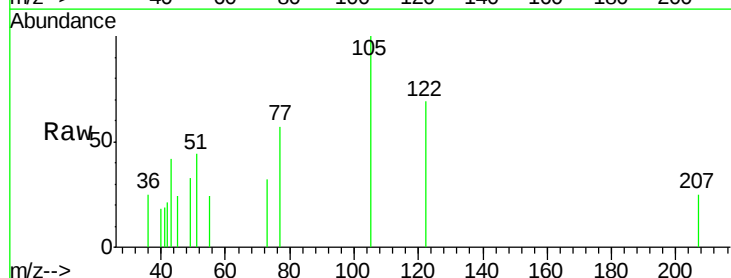
Tgt Ion: 122 Resp: 2300

Ion Ratio Lower Upper

122 100

105 144.2 107.2 147.2

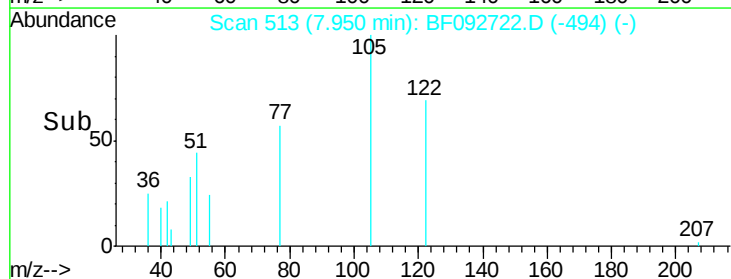
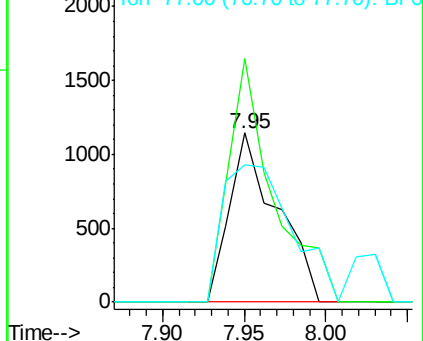
77 81.6 74.5 114.5

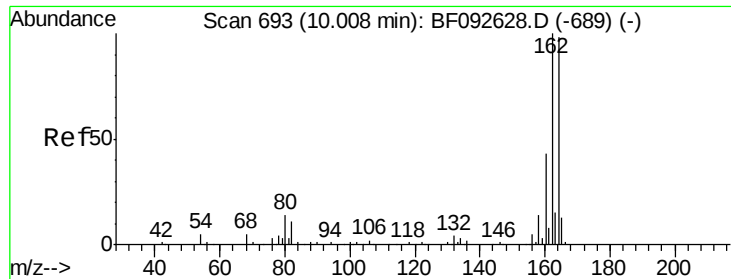


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

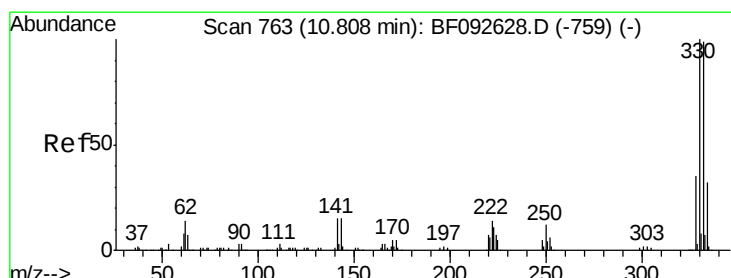
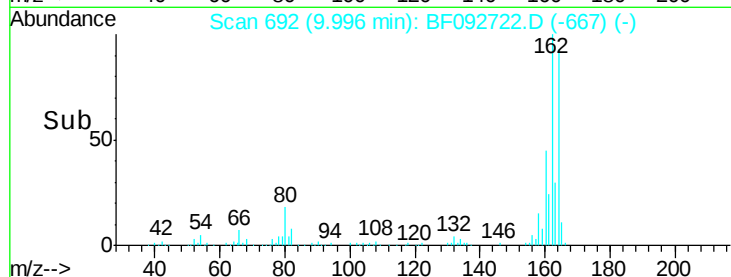
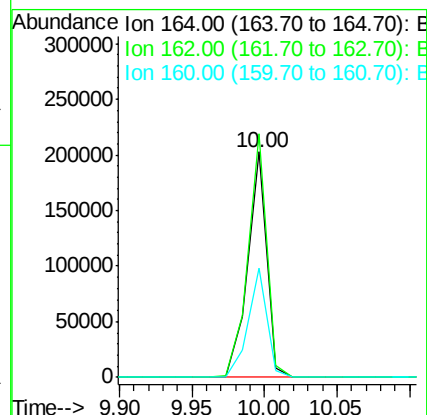
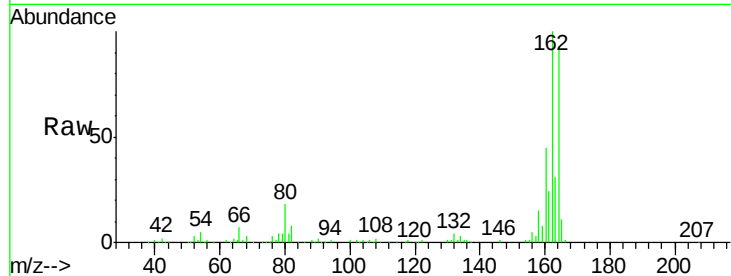




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

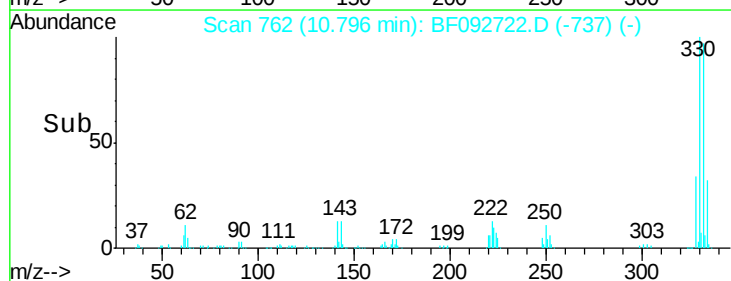
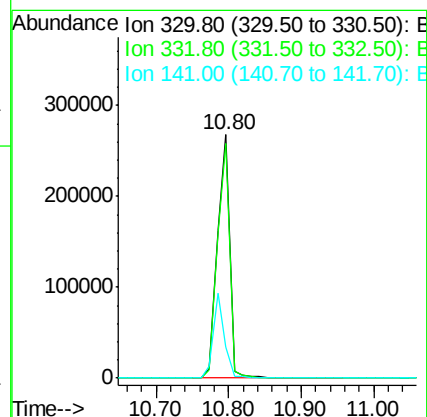
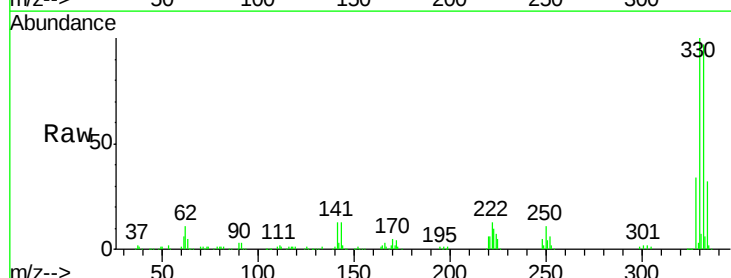
Instrument :
BNA_F
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B2-8RE

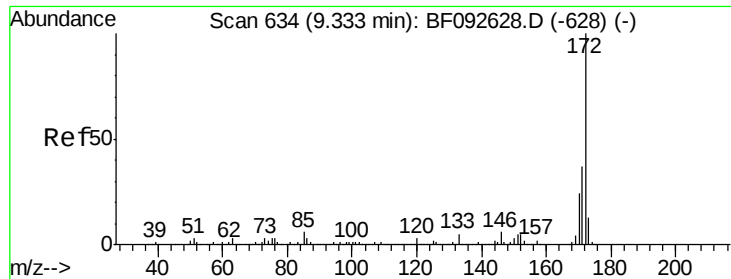
Tgt Ion:164 Resp: 183446
Ion Ratio Lower Upper
164 100
162 108.0 80.2 120.2
160 48.5 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 237.79 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Tgt Ion:330 Resp: 315503
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 31.6 34.1 51.1#

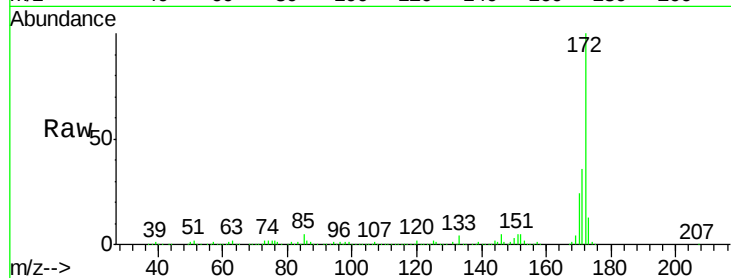




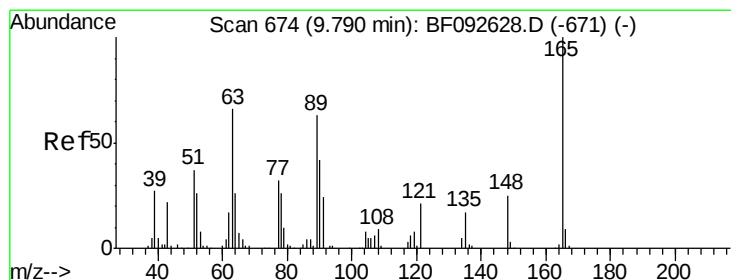
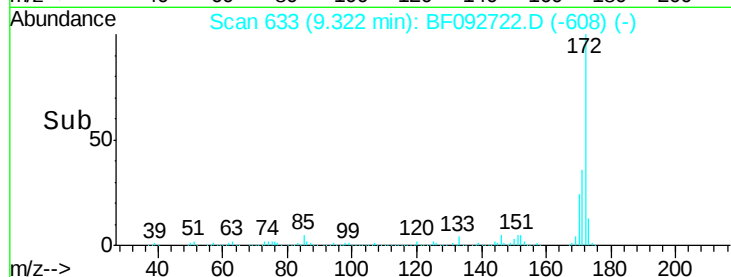
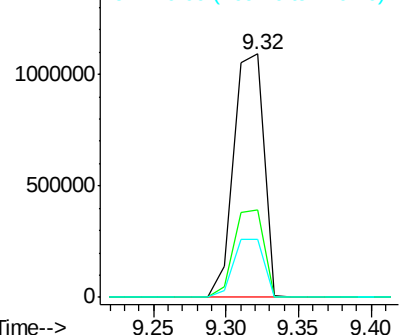
#44
 2-Fluorobiphenyl
 Concen: 156.19 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

Tgt Ion:172 Resp: 1581594
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.7 20.2 30.4

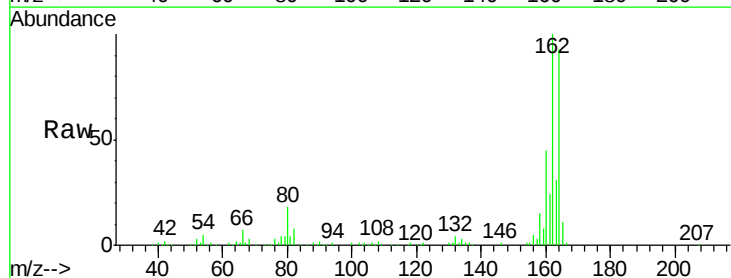


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

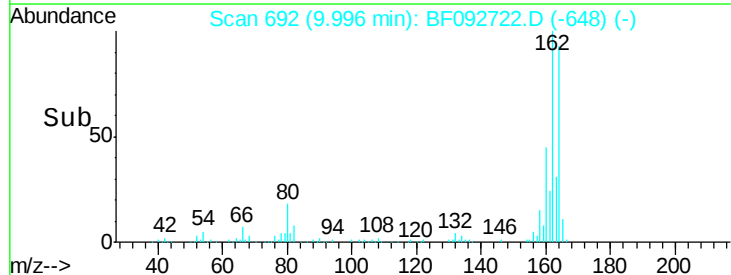
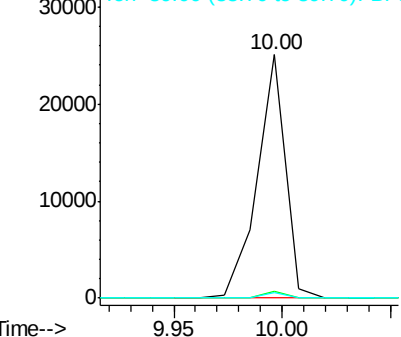


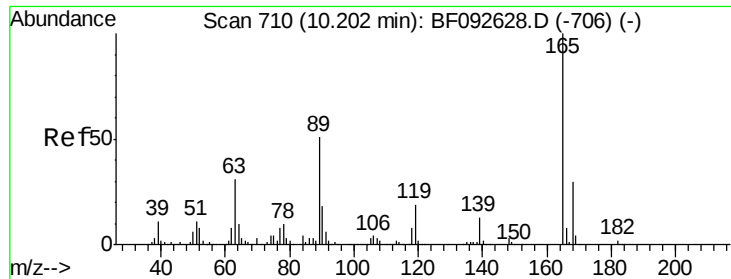
#50
 2,6-Dinitrotoluene
 Concen: 8.60 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Tgt Ion:165 Resp: 22940
 Ion Ratio Lower Upper
 165 100
 63 2.5 36.2 54.4#
 89 2.4 40.2 60.4#



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

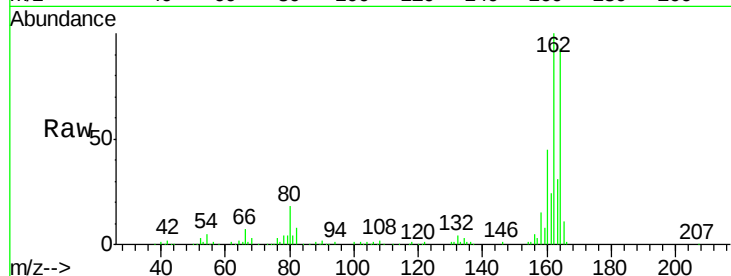




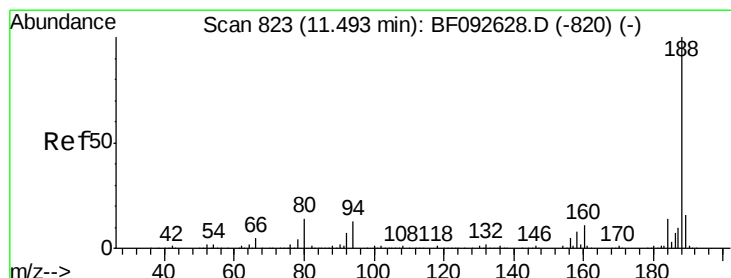
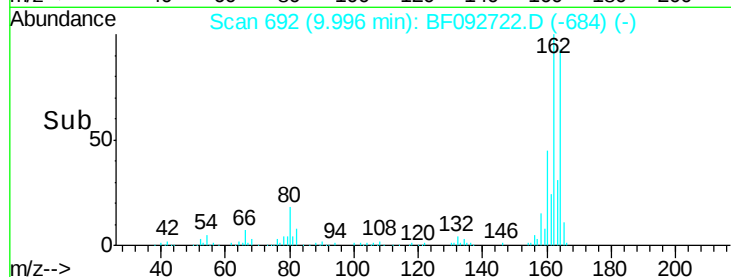
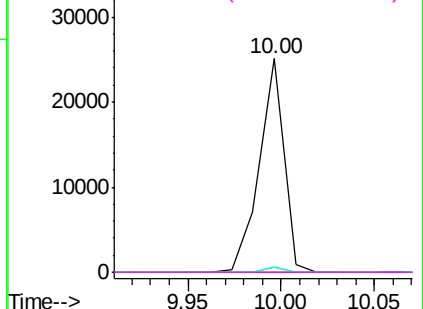
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

Tgt Ion:165 Resp: 22941
 Ion Ratio Lower Upper
 165 100
 63 2.5 40.2 60.4#
 89 2.4 62.5 93.7#
 182 0.0 1.8 2.8#

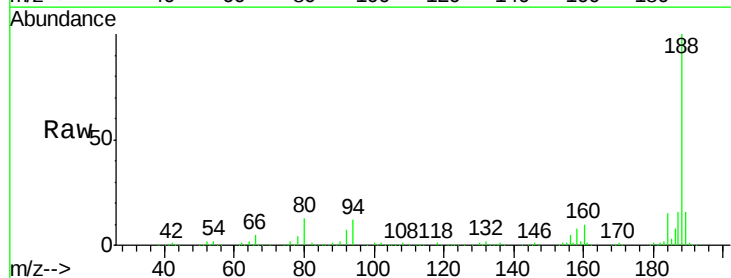


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

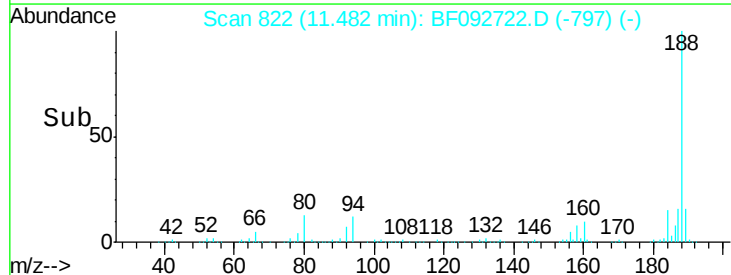
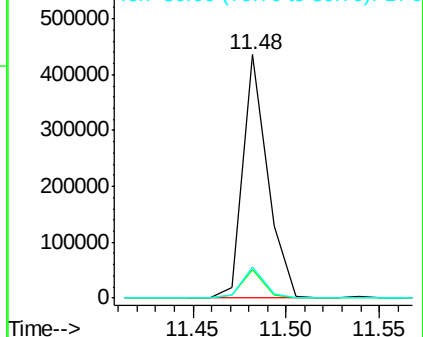


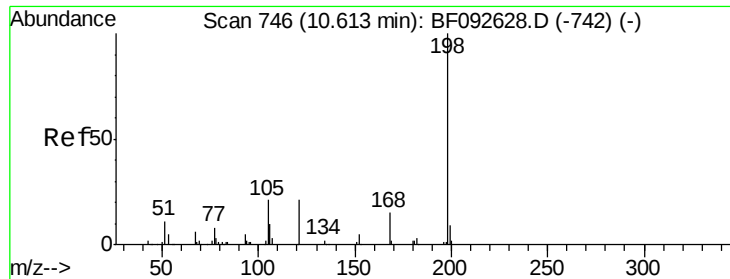
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Tgt Ion:188 Resp: 404244
 Ion Ratio Lower Upper
 188 100
 94 12.0 10.0 15.0
 80 13.0 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: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

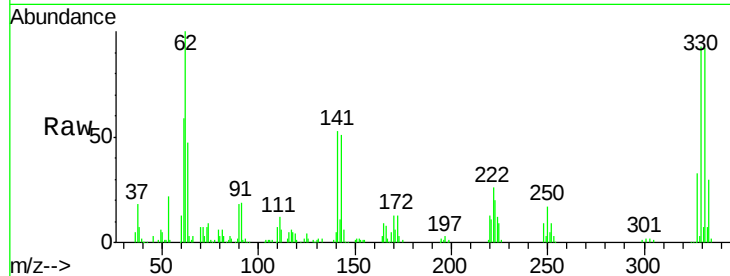
Tgt Ion:198 Resp: 617

Ion Ratio Lower Upper

198 100

51 270.2 6.7 46.7#

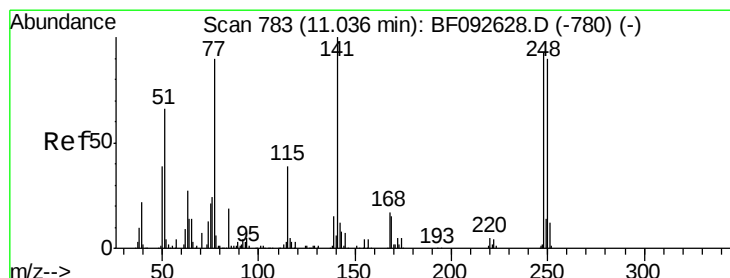
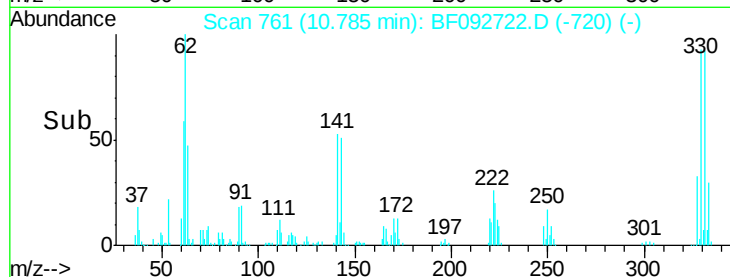
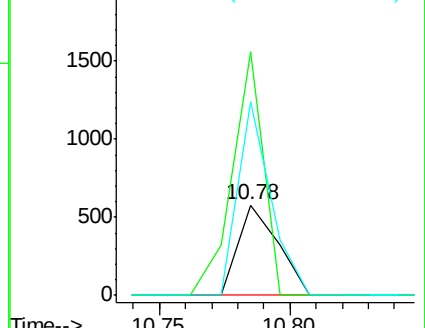
105 215.3 16.6 56.6#



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: 5.25 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

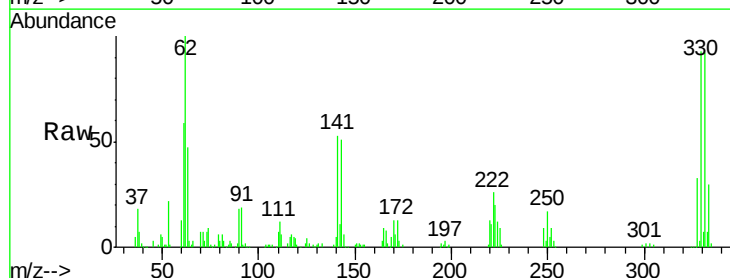
Tgt Ion:248 Resp: 22166

Ion Ratio Lower Upper

248 100

250 185.0 76.9 115.3#

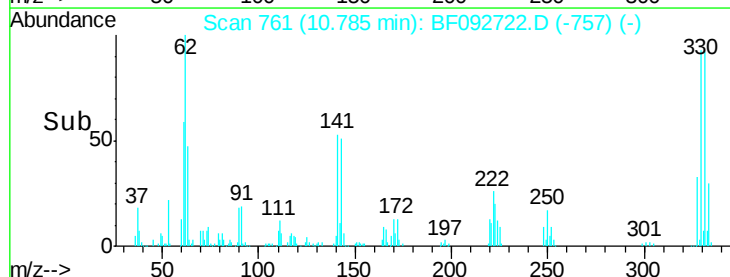
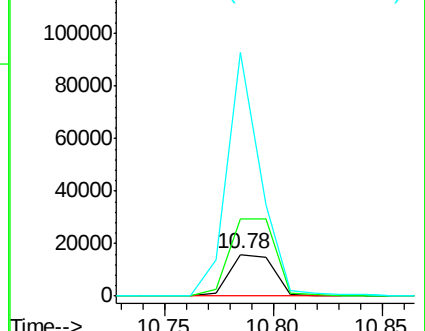
141 580.6 68.2 102.4#

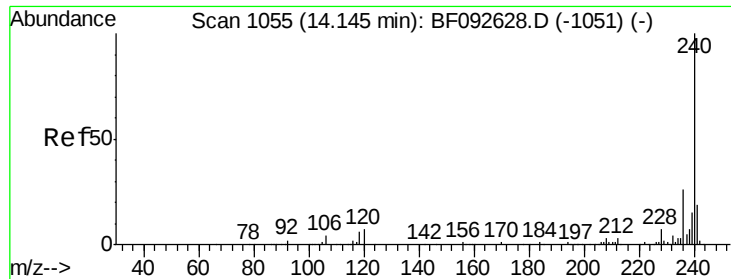


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

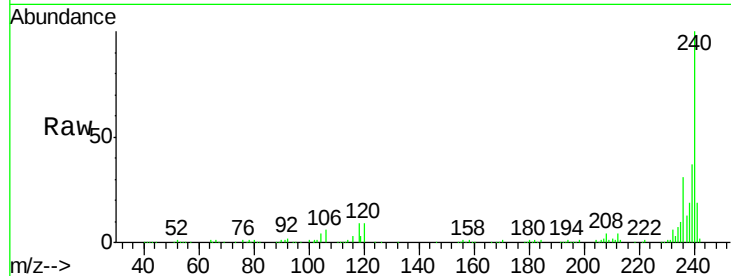
Tgt Ion:240 Resp: 172057

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

236 31.3 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

200000

150000

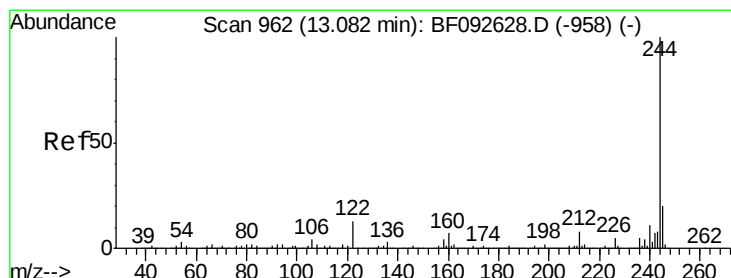
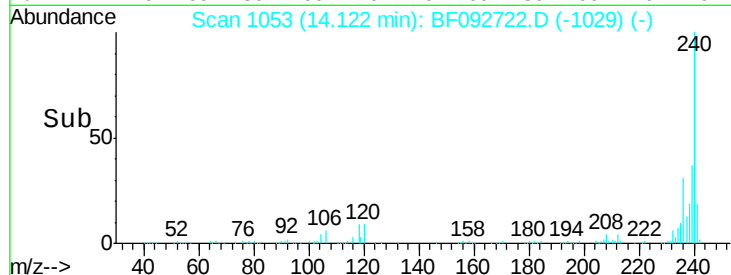
100000

50000

0

14.10 14.12 14.20

Time-->



#78

Terphenyl-d14

Concen: 151.92 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

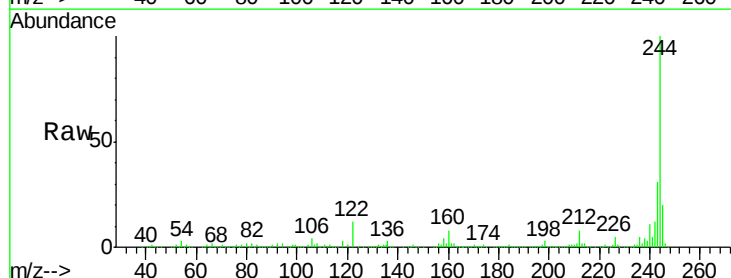
Tgt Ion:244 Resp: 1112481

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 12.0 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

1500000

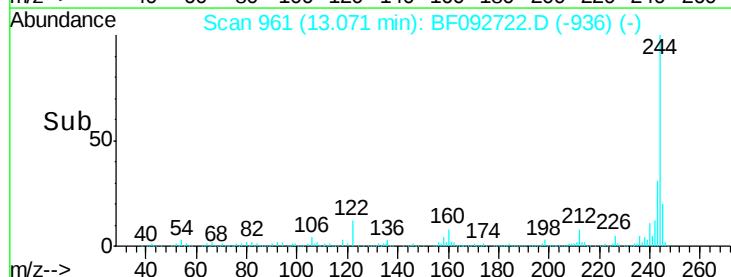
1000000

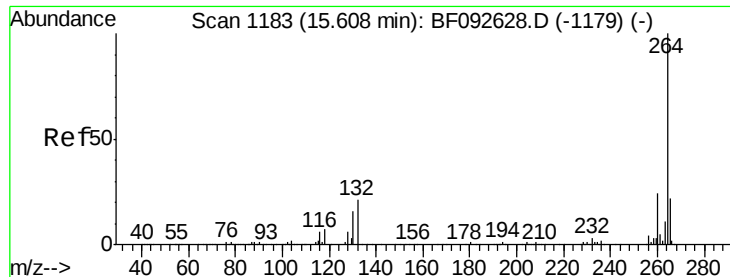
500000

0

13.00 13.07 13.20

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Instrument :
BNA_F
ClientSampleId :
B2-8RE

Tgt Ion: 264 Resp: 10563
Ion Ratio Lower Upper
264 100
260 68.8 19.2 28.8#
265 20.0 17.4 26.0

