

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092028.D
 Acq On : 23 Jul 2016 5:07
 Operator : UM/SJ
 Sample : PB92309BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Quant Time: Jul 23 05:57:16 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24025	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	116355	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	74281	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	183294	5.00	ng	0.00
31) Chrysene-d12	21.76	240	213214	5.00	ng	0.00
40) Perylene-d12	24.15	264	184433	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	37585	8.07	ng	0.00
5) Phenol-d6	7.35	99	52905	6.41	ng	-0.02
9) Nitrobenzene-d5	9.37	82	28644	4.09	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	15098	5.91	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	74591	3.82	ng	-0.01
34) Terphenyl-d14	20.20	244	115480	5.39	ng	-0.02

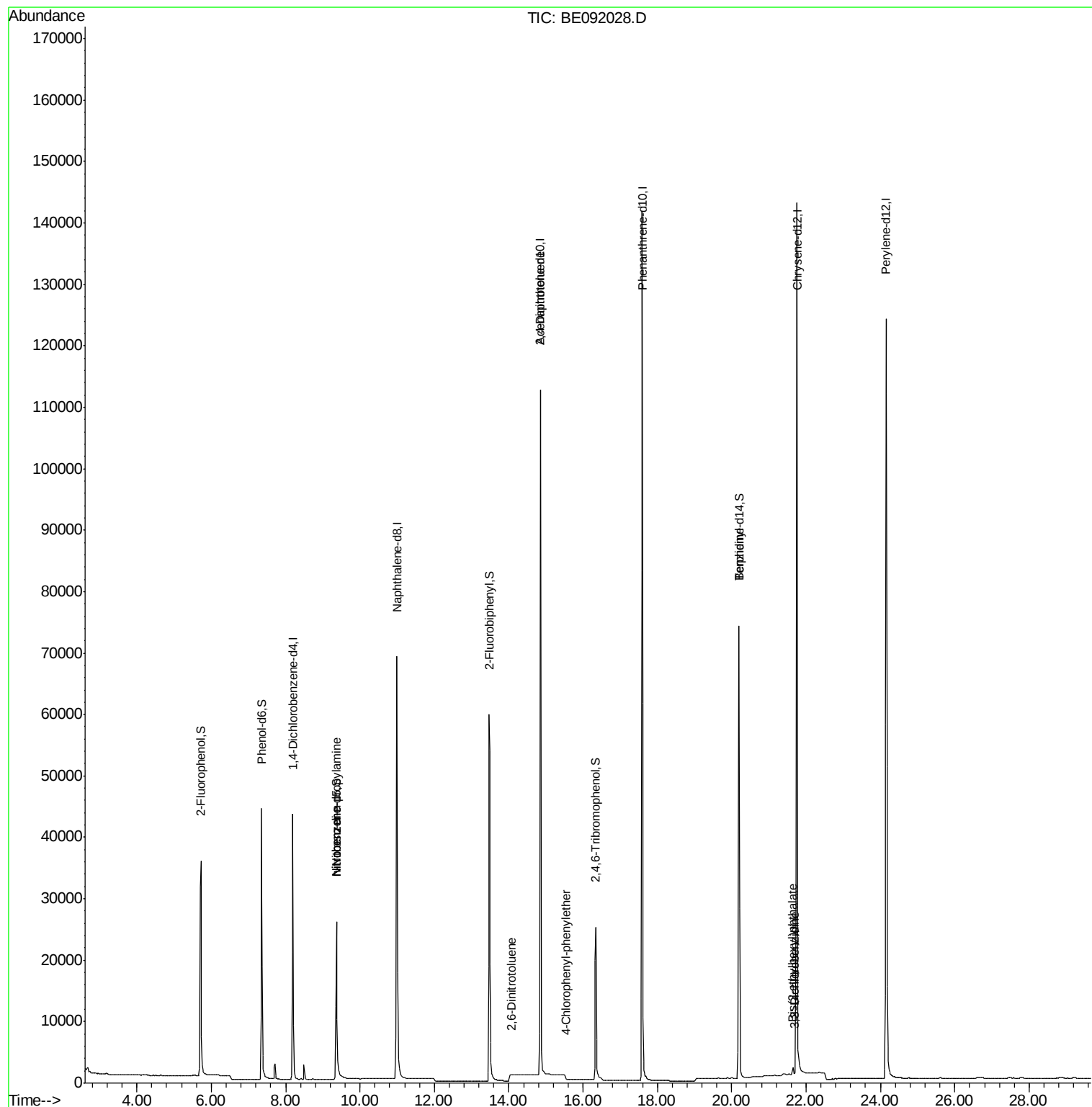
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) n-Nitroso-di-n-propylamine	9.37	70	3524	0.60	ng	# 90
10) Nitrobenzene	9.37	77	108	0.14	ng	# 36
19) 2,6-Dinitrotoluene	14.07	165	1969	0.26	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	42394	2.20	ng	# 1
23) 4-Chlorophenyl-phenylether	15.55	204	526	0.05	ng	# 1
32) Benzidine	20.20	184	2418	0.41	ng	# 86
36) 3,3'-Dichlorobenzidine	21.70	252	60	0.03	ng	# 86
38) Bis(2-ethylhexyl)phthalate	21.64	149	2213	0.13	ng	# 100

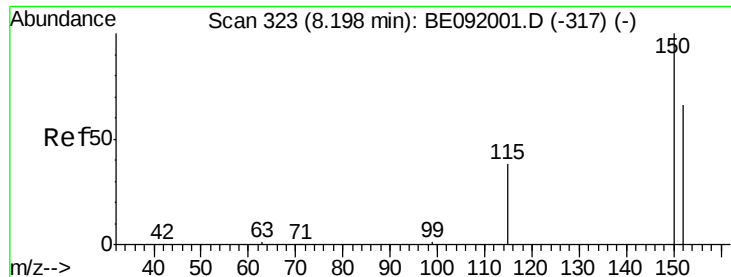
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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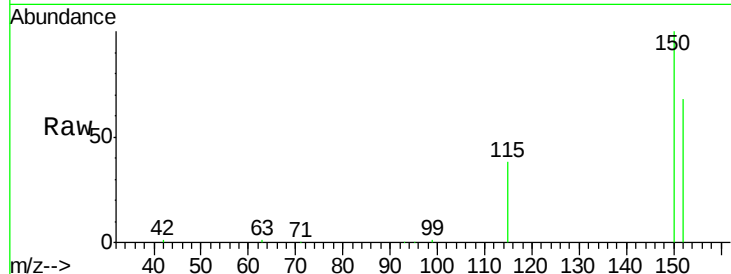


#1

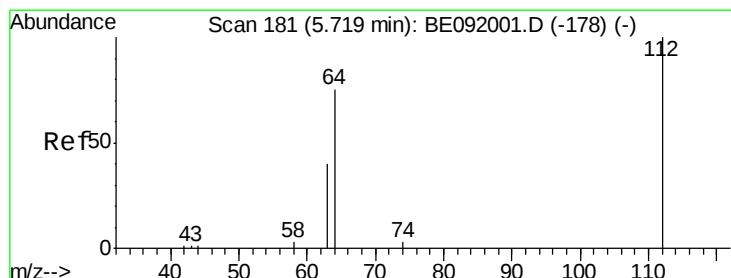
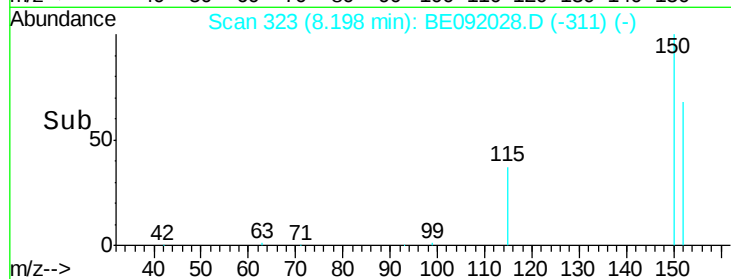
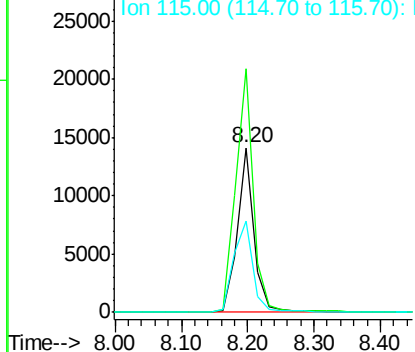
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092028.D
Acq: 23 Jul 2016 5:07

Instrument :
BNA_E
ClientSampleId :
PB92309BL

Tgt Ion:152 Resp: 24025
Ion Ratio Lower Upper
152 100
150 147.9 123.9 185.9
115 55.6 48.3 72.5



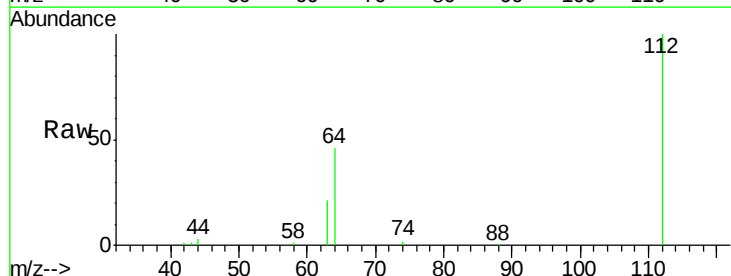
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



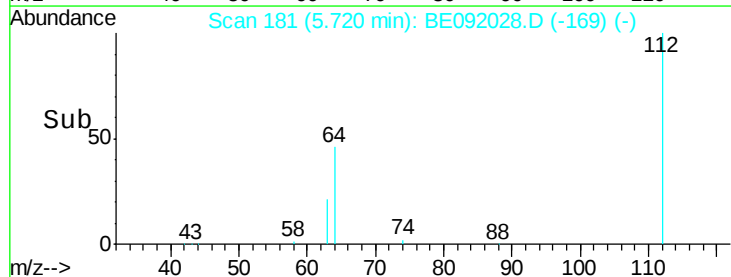
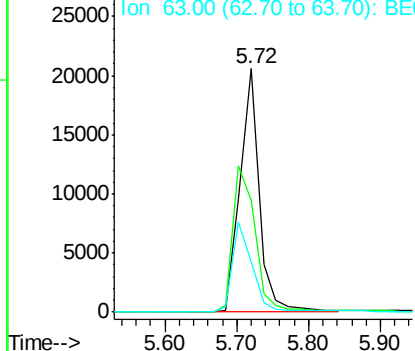
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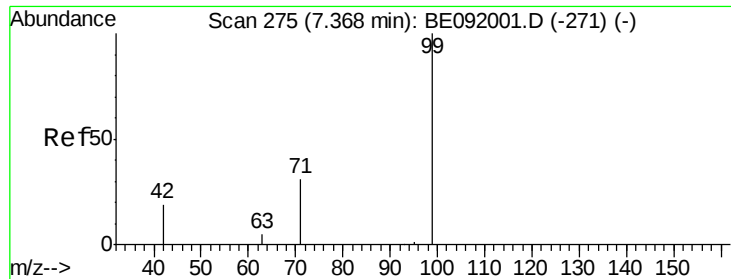
2-Fluorophenol
Concen: 8.07 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092028.D
Acq: 23 Jul 2016 5:07

Tgt Ion:112 Resp: 37585
Ion Ratio Lower Upper
112 100
64 68.7 53.7 80.5
63 37.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.41 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

Instrument :

BNA_E

ClientSampleId :

PB92309BL

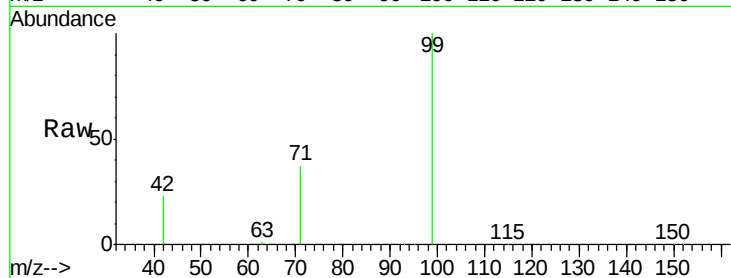
Tgt Ion: 99 Resp: 52905

Ion Ratio Lower Upper

99 100

42 25.3 19.6 29.4

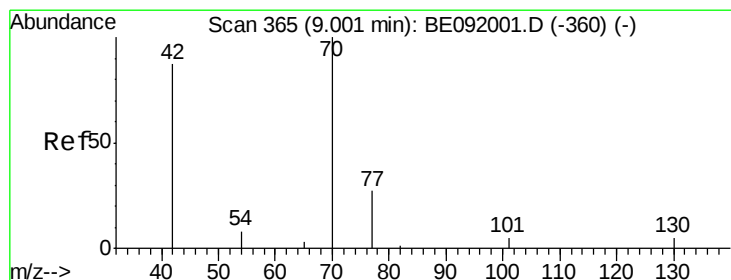
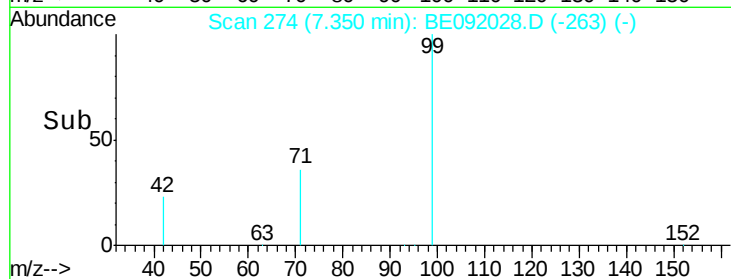
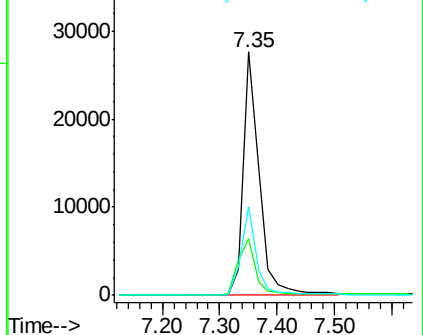
71 35.2 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

n-Nitroso-di-n-propylamine

Concen: 0.60 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.37 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

Tgt Ion: 70 Resp: 3524

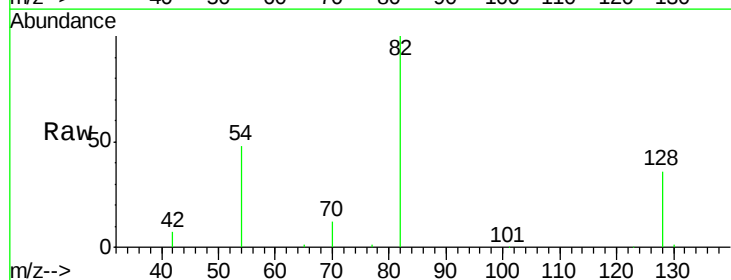
Ion Ratio Lower Upper

70 100

42 65.9 58.4 87.6

101 0.0 6.4 9.6#

130 1.9 0.0 0.0#

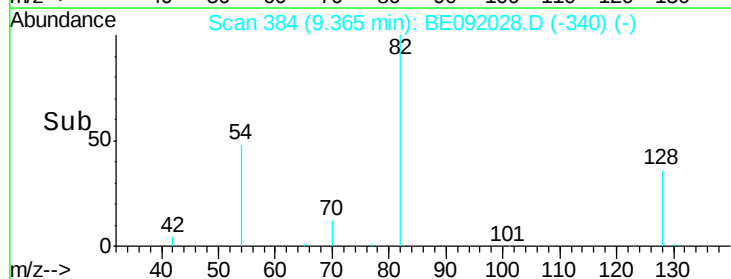
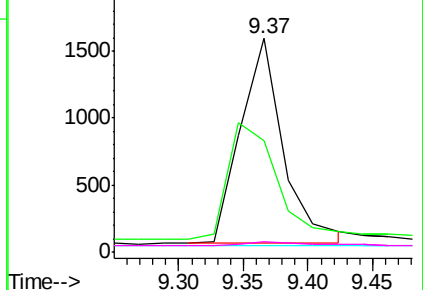


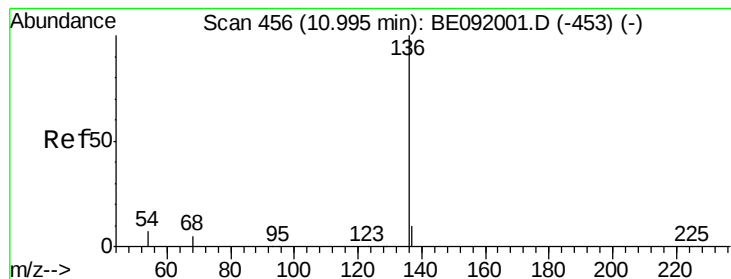
Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

Instrument :

BNA_E

ClientSampleId :

PB92309BL

Tgt Ion: 136 Resp: 116355

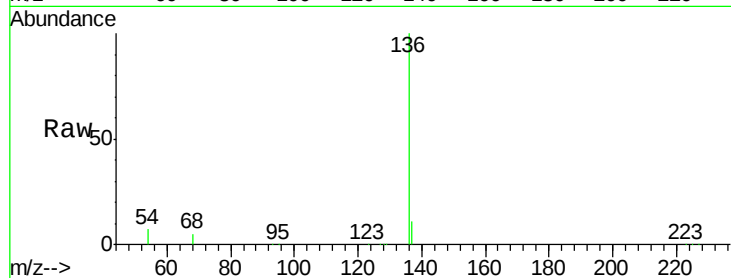
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.8 8.2 12.4#

68 5.1 5.9 8.9#

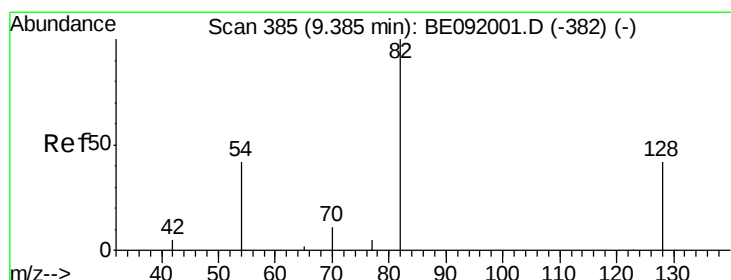
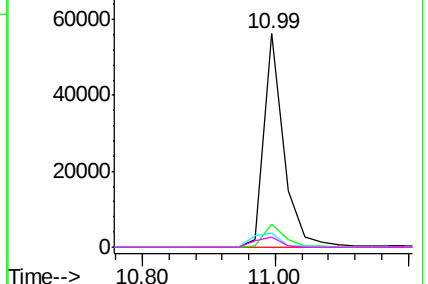
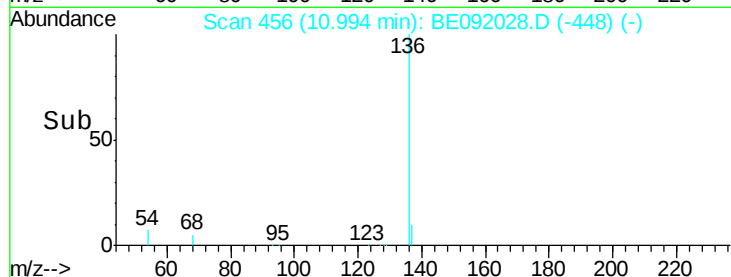


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#9

Nitrobenzene-d5

Concen: 4.09 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

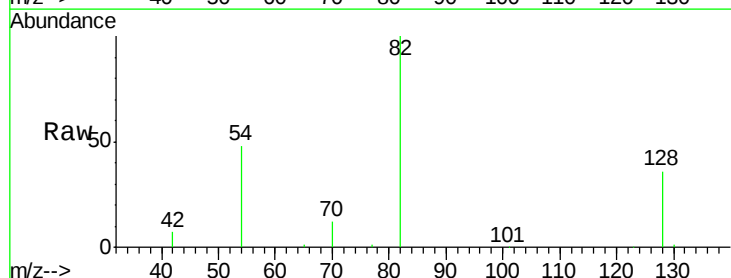
Tgt Ion: 82 Resp: 28644

Ion Ratio Lower Upper

82 100

128 35.5 39.5 59.3#

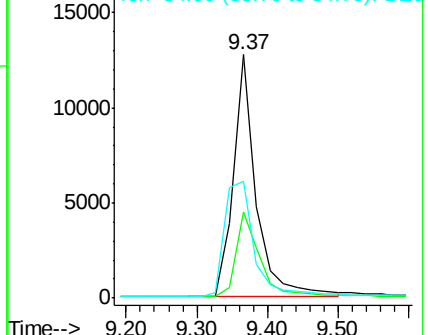
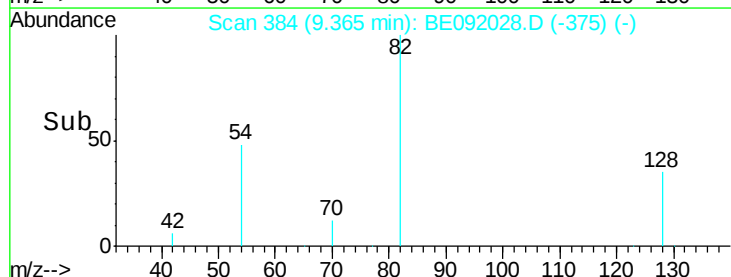
54 48.1 30.3 45.5#

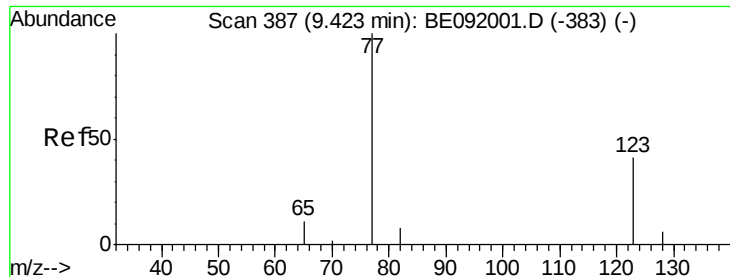


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

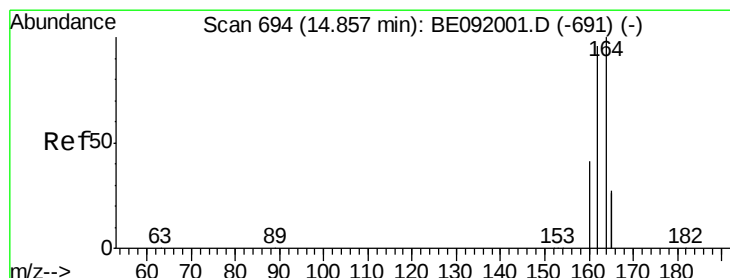
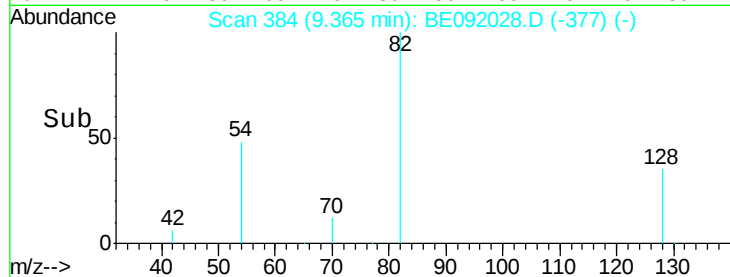
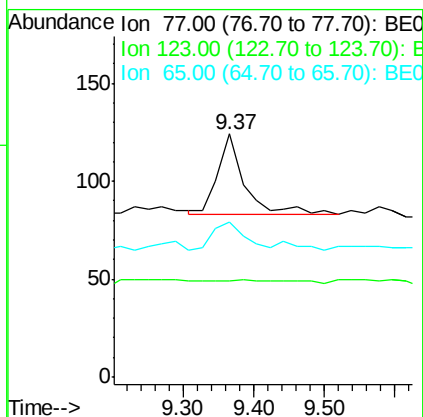
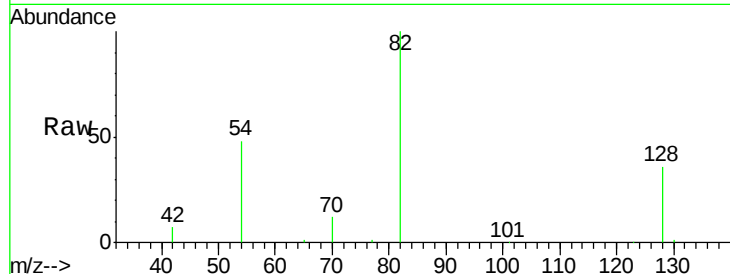




#10
 Nitrobenzene
 Concen: 0.14 ng
 RT: 9.37 min Scan# 384
 Delta R.T. -0.06 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

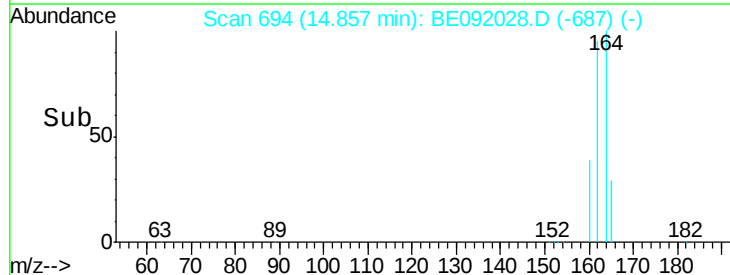
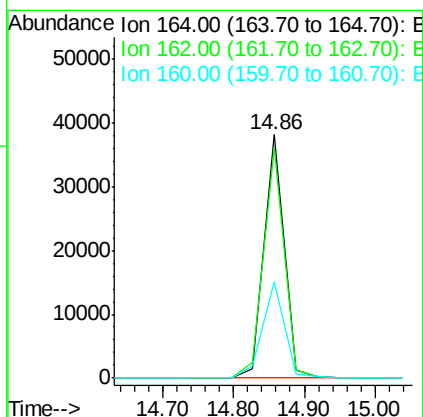
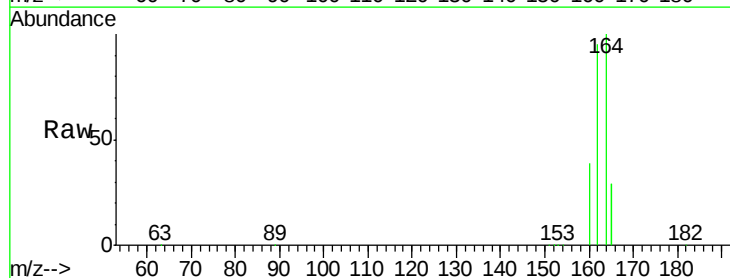
Instrument :
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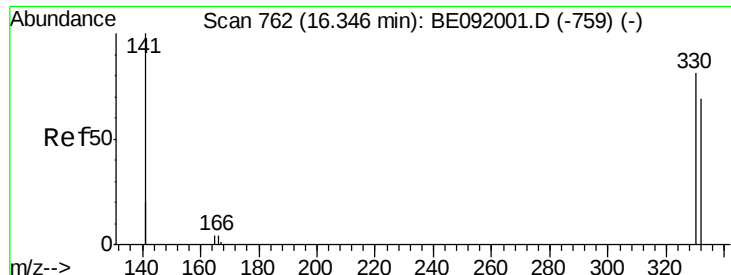
Tgt Ion: 77 Resp: 108
 Ion Ratio Lower Upper
 77 100
 123 8.3 0.0 0.0#
 65 39.8 11.1 16.7#



#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Tgt Ion: 164 Resp: 74281
 Ion Ratio Lower Upper
 164 100
 162 94.7 71.8 107.8
 160 39.3 28.0 42.0

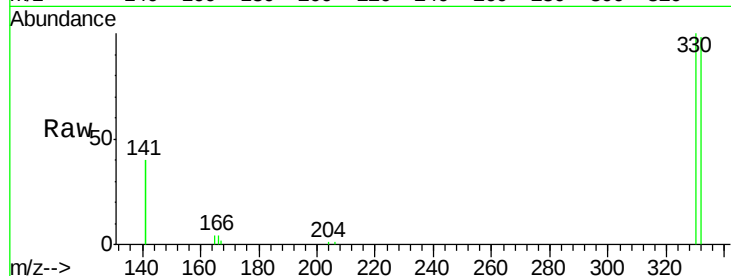




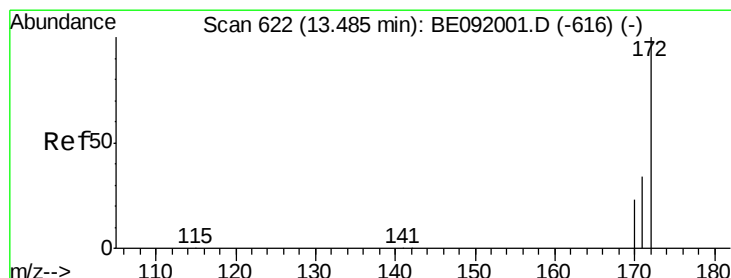
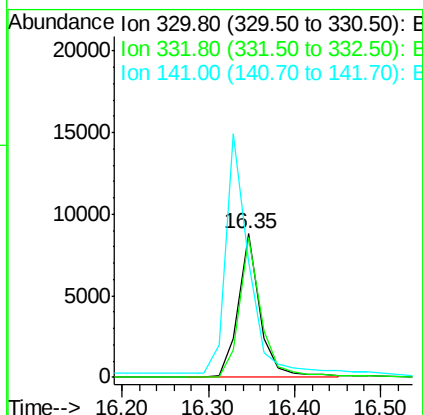
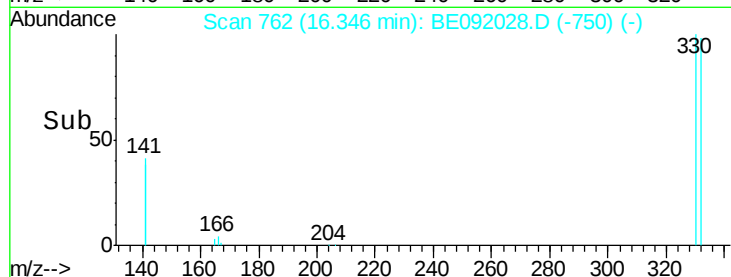
#16
 2,4,6-Tribromophenol
 Concen: 5.91 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Tgt Ion:330 Resp: 15098
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 178.4 138.4 207.6

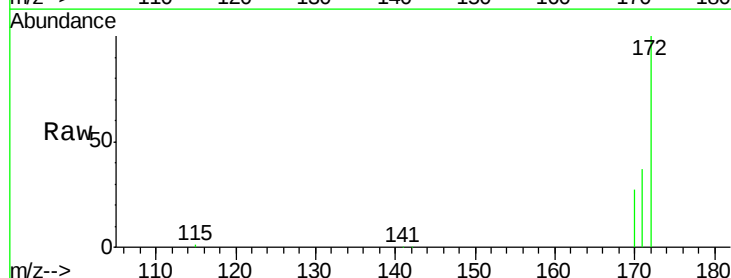


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

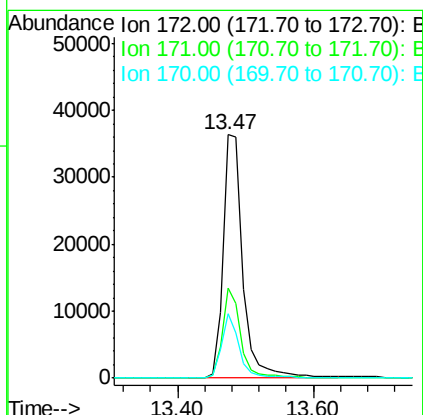
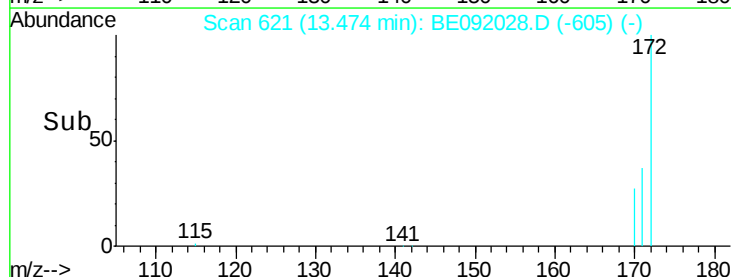


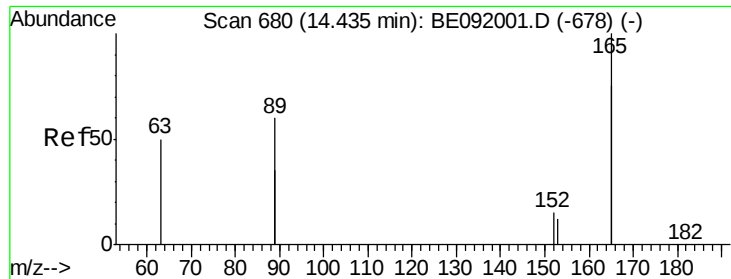
#17
 2-Fluorobiphenyl
 Concen: 3.82 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Tgt Ion:172 Resp: 74591
 Ion Ratio Lower Upper
 172 100
 171 37.1 24.3 36.5#
 170 26.7 14.9 22.3#



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

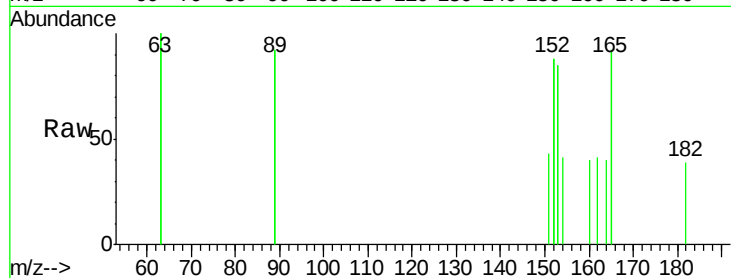




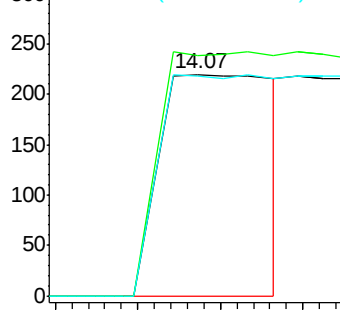
#19
2,6-Dinitrotoluene
Concen: 0.26 ng
RT: 14.07 min Scan# 668
Delta R.T. -0.36 min
Lab File: BE092028.D
Acq: 23 Jul 2016 5:07

Instrument :
BNA_E
ClientSampleId :
PB92309BL

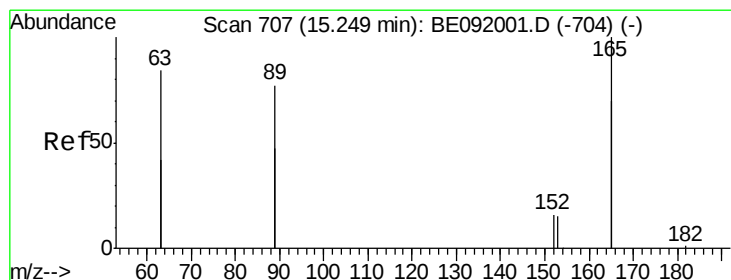
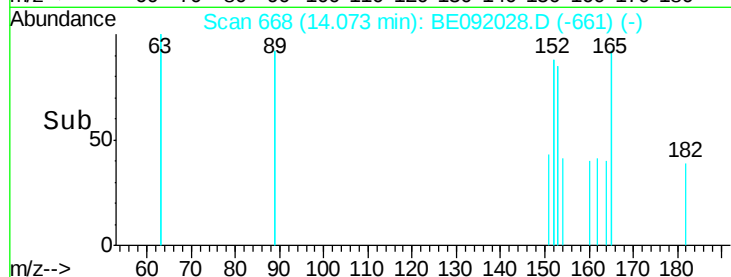
Tgt Ion:165 Resp: 1969
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 0.0 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0

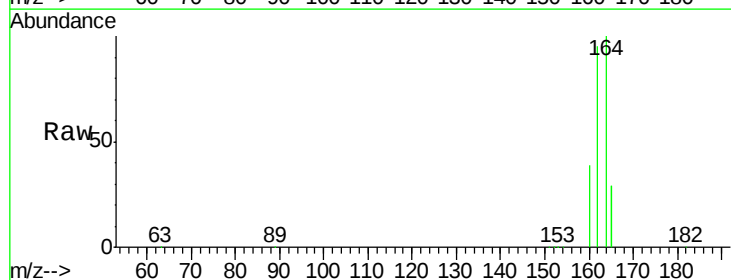


Time--> 13.90 14.00 14.10 14.20

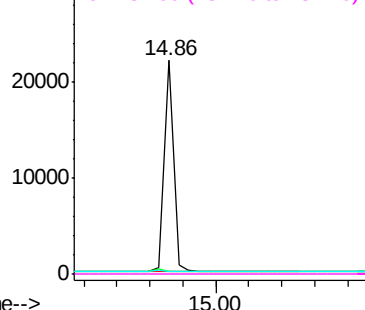


#21
2,4-Dinitrotoluene
Concen: 2.20 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE092028.D
Acq: 23 Jul 2016 5:07

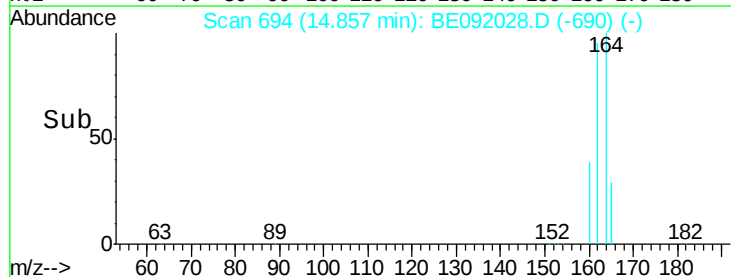
Tgt Ion:165 Resp: 42394
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0

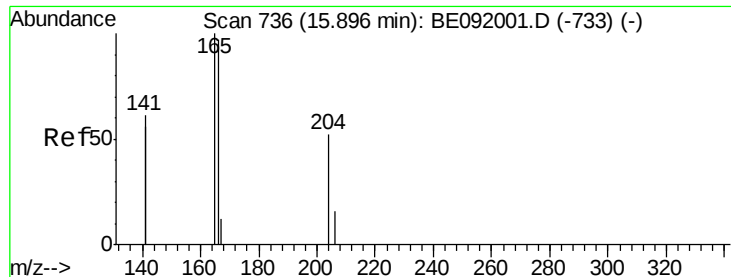


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E



Time--> 15.00

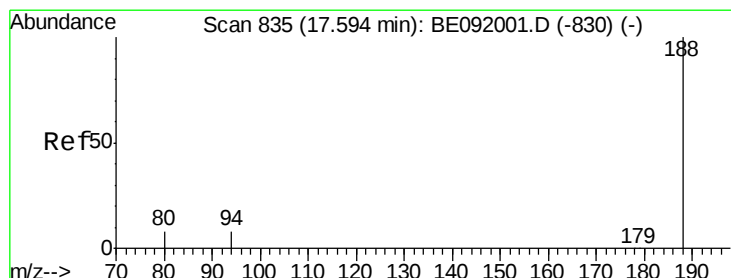
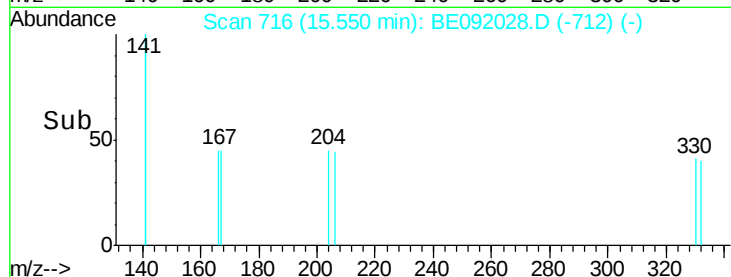
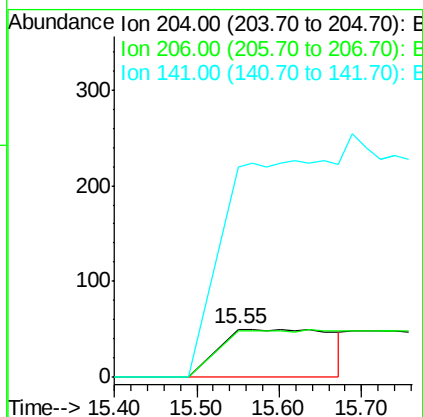
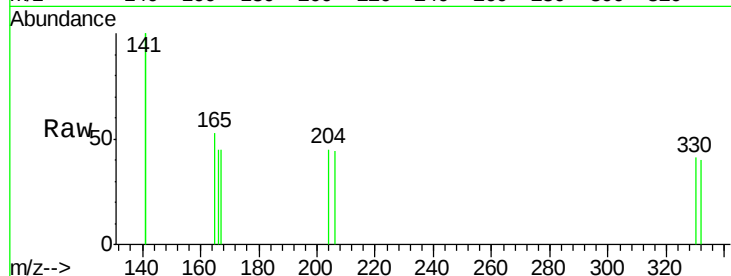




#23
 4-Chlorophenyl-phenylether
 Concen: 0.05 ng
 RT: 15.55 min Scan# 716
 Delta R.T. -0.35 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

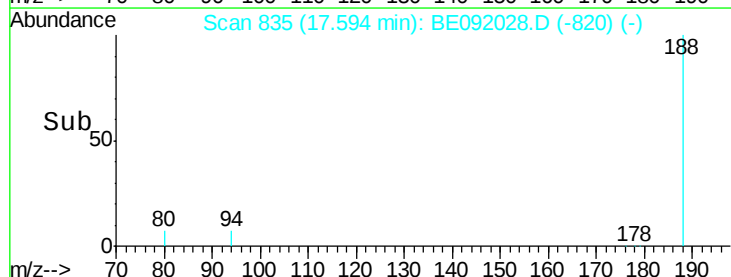
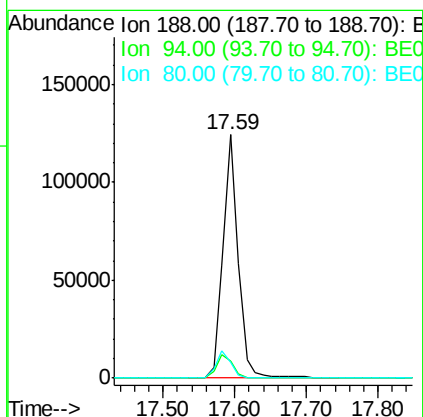
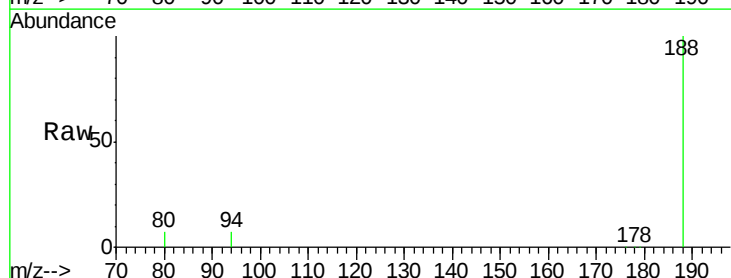
Instrument :
 BNA_E
 ClientSampleID :
 PB92309BL

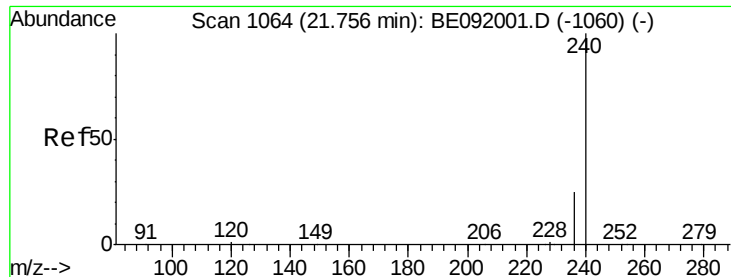
Tgt Ion: 204 Resp: 526
 Ion Ratio Lower Upper
 204 100
 206 70.3 27.8 41.6#
 141 0.0 197.6 296.4#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Tgt Ion: 188 Resp: 183294
 Ion Ratio Lower Upper
 188 100
 94 7.2 4.1 6.1#
 80 6.6 3.4 5.2#





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

Instrument :

BNA_E

ClientSampleId :

PB92309BL

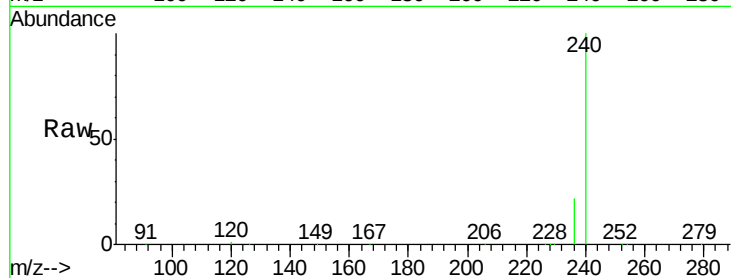
Tgt Ion:240 Resp: 213214

Ion Ratio Lower Upper

240 100

120 0.7 1.2 1.8#

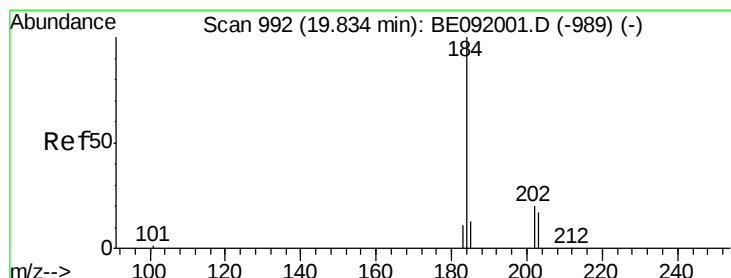
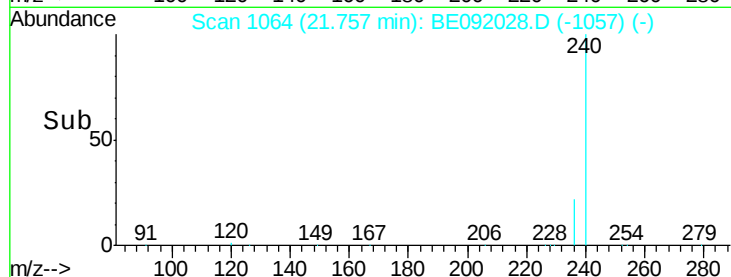
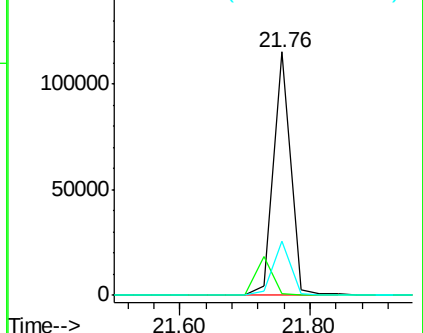
236 22.2 19.8 29.8



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



#32

Benzidine

Concen: 0.41 ng

RT: 20.20 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

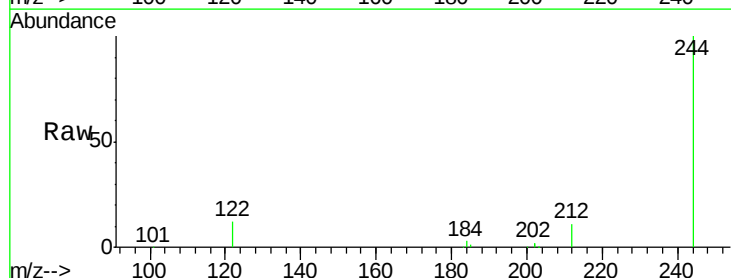
Tgt Ion:184 Resp: 2418

Ion Ratio Lower Upper

184 100

185 24.5 11.4 17.2#

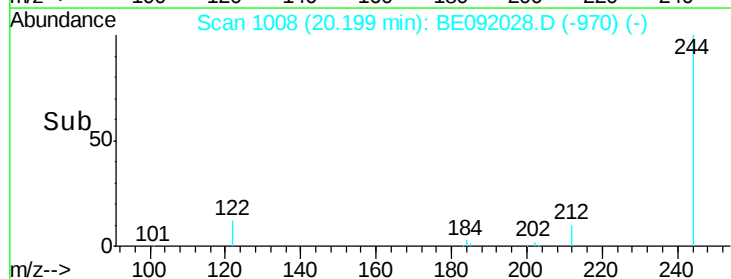
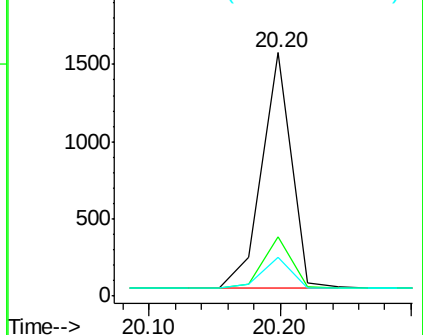
183 16.2 11.8 17.6

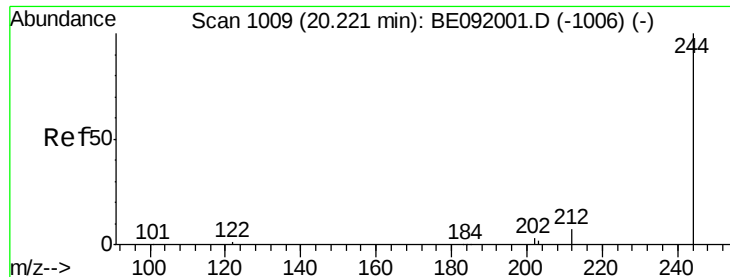


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#34

Terphenyl-d14

Concen: 5.39 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

Instrument :

BNA_E

ClientSampleId :

PB92309BL

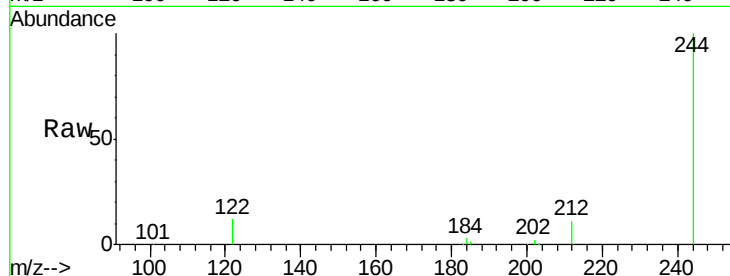
Tgt Ion:244 Resp: 115480

Ion Ratio Lower Upper

244 100

212 10.5 6.5 9.7#

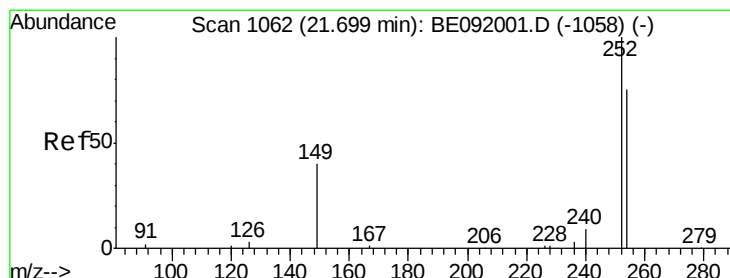
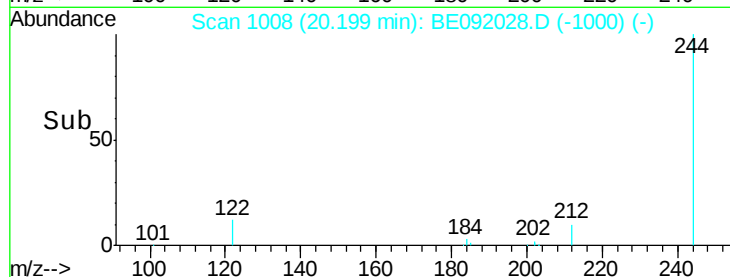
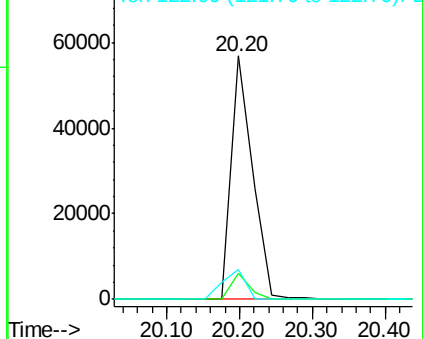
122 12.2 2.9 4.3#



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



#36

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092028.D

Acq: 23 Jul 2016 5:07

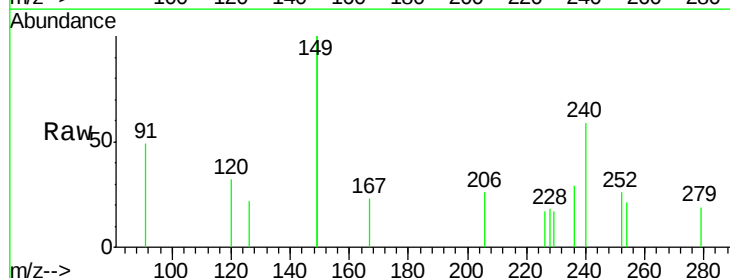
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 81.3 61.5 92.3

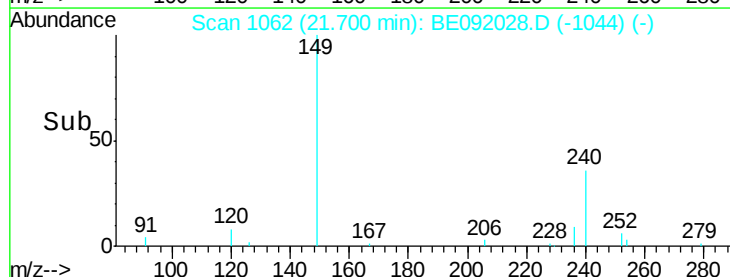
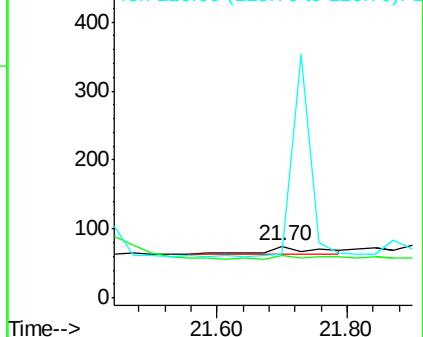
126 84.0 2.5 3.7#

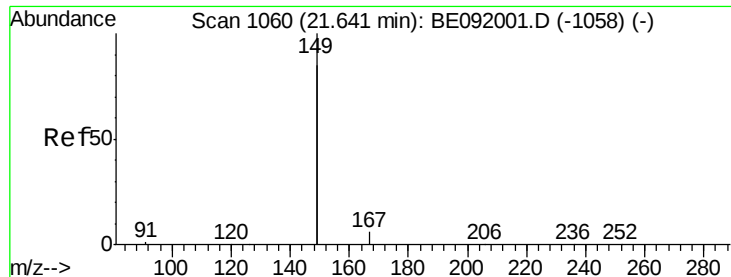


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

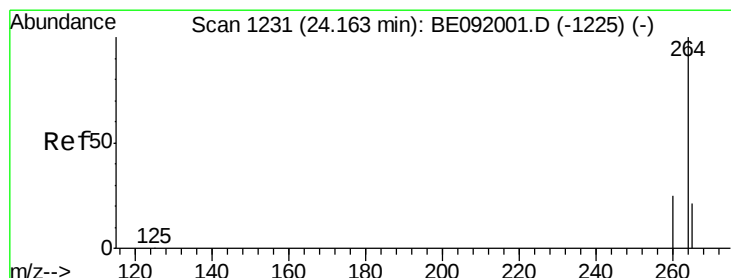
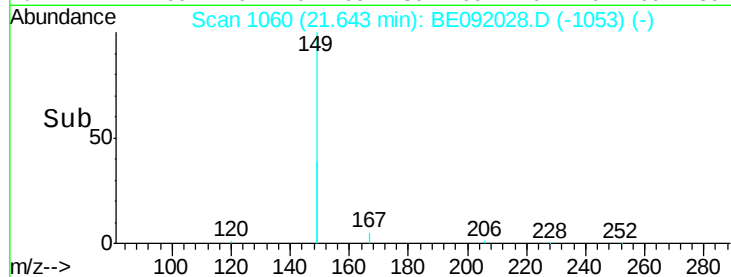
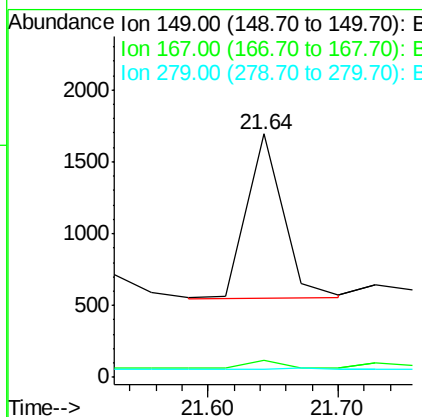
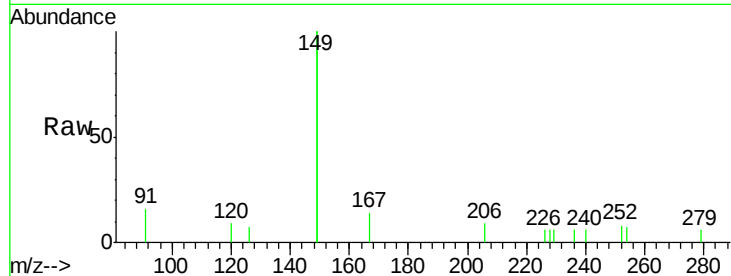




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Tgt Ion:149 Resp: 2213
 Ion Ratio Lower Upper
 149 100
 167 4.8 0.0 0.0#
 279 0.0 0.0 0.0



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BE092028.D
 Acq: 23 Jul 2016 5:07

Tgt Ion:264 Resp: 184433
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.3 30.5
 265 20.4 17.6 26.4

