

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
 Data File : BE091766.D
 Acq On : 10 May 2016 21:07
 Operator : UM/SJ
 Sample : PB90364BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90364BL

Quant Time: May 11 01:19:16 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

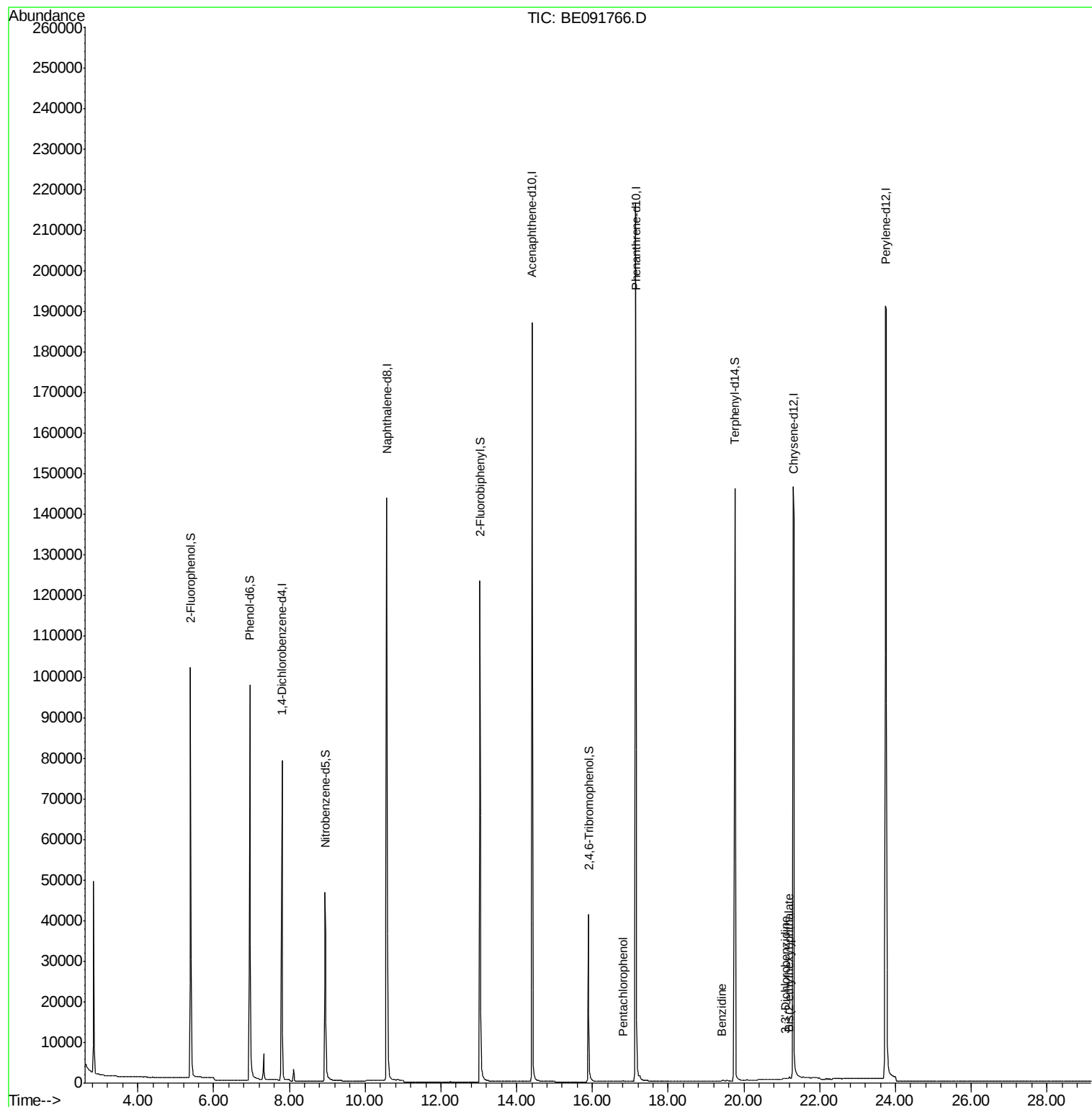
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43653	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	210600	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	125954	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	300587	5.00	ng	0.00
26) Chrysene-d12	21.31	240	290287	5.00	ng	0.00
35) Perylene-d12	23.75	264	314457	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	79645	7.43	ng	0.00
5) Phenol-d6	6.96	99	110423	7.77	ng	0.00
8) Nitrobenzene-d5	8.95	82	49165	3.62	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	29907	6.41	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	133409	3.75	ng	0.00
29) Terphenyl-d14	19.76	244	197366	4.36	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.81	266	94	0.11	ng	# 79
27) Benzidine	19.42	184	163	0.17	ng	# 1
31) 3,3'-Dichlorobenzidine	21.10	252	817	0.02	ng	# 76
33) Bis(2-ethylhexyl)phthalate	21.20	149	706	0.03	ng	# 85

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
Data File : BE091766.D
Acq On : 10 May 2016 21:07
Operator : UM/SJ
Sample : PB90364BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB90364BL

Quant Time: May 11 01:19:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

Instrument :

BNA_E

ClientSampleId :

PB90364BL

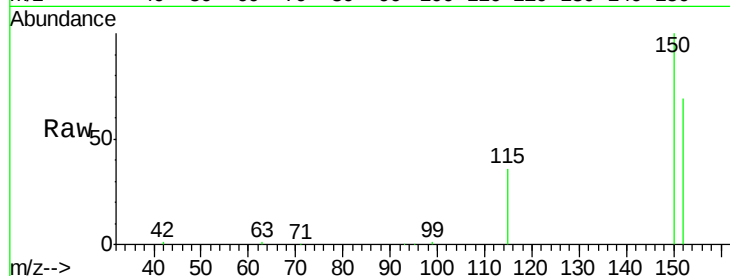
Tgt Ion:152 Resp: 43653

Ion Ratio Lower Upper

152 100

150 144.6 122.6 183.8

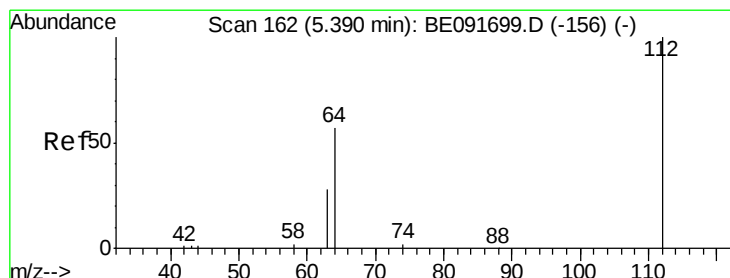
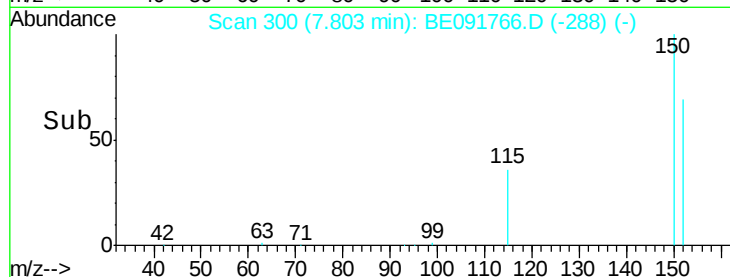
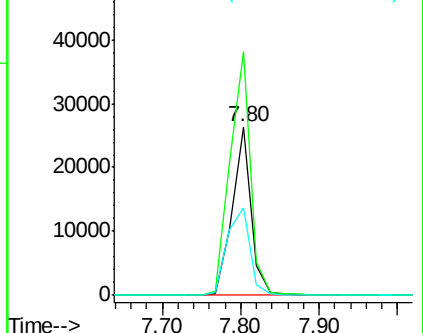
115 52.0 52.8 79.2#



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



#4

2-Fluorophenol

Concen: 7.43 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

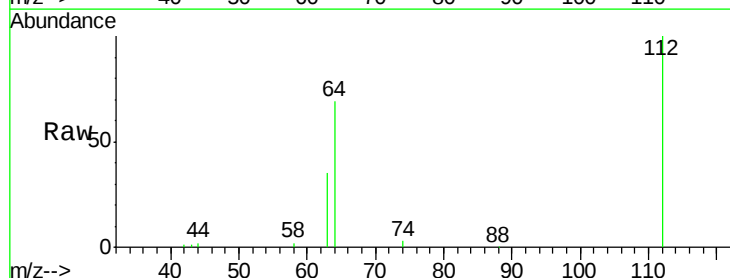
Tgt Ion:112 Resp: 79645

Ion Ratio Lower Upper

112 100

64 66.6 30.9 46.3#

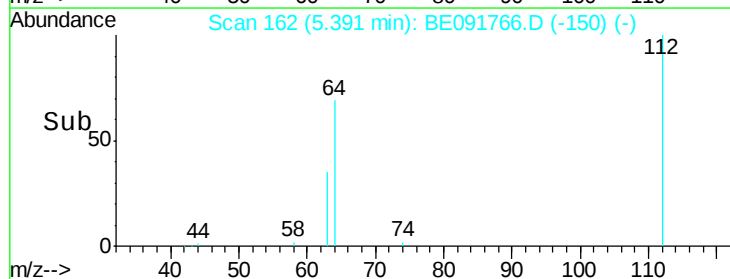
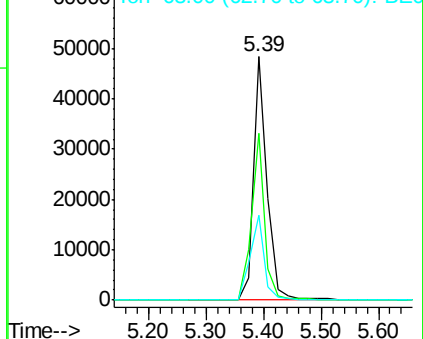
63 35.8 16.7 25.1#

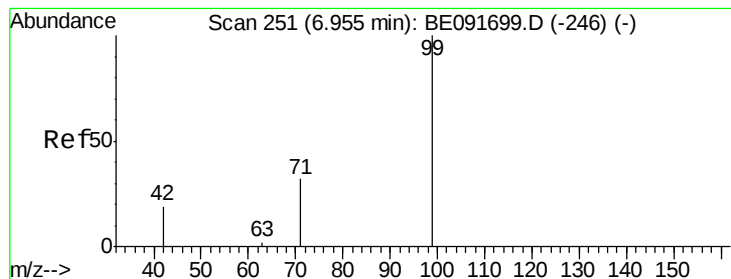


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.77 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

Instrument :

BNA_E

ClientSampleId :

PB90364BL

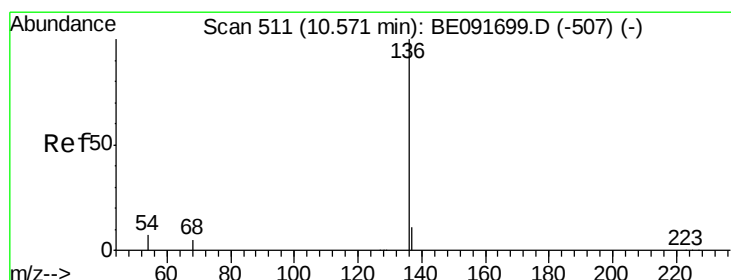
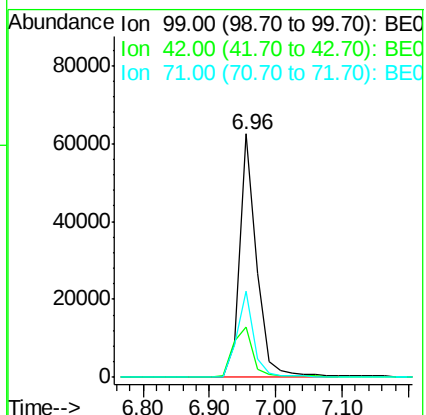
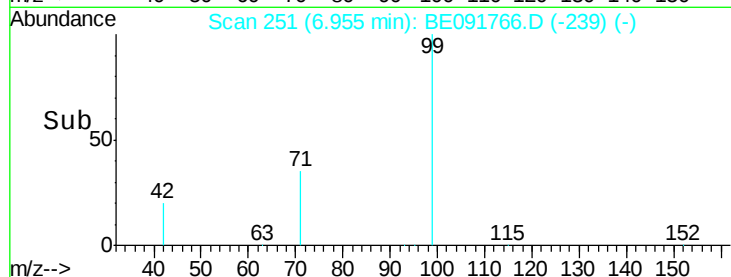
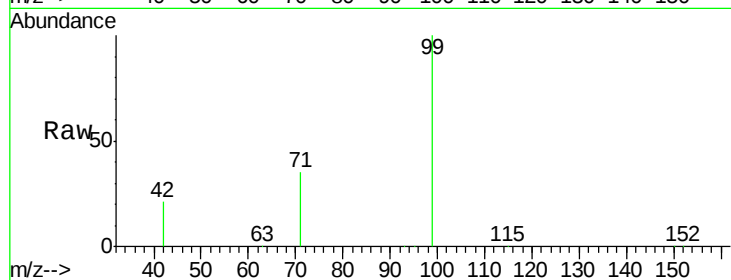
Tgt Ion: 99 Resp: 110423

Ion Ratio Lower Upper

99 100

42 24.2 16.2 24.2

71 35.3 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

Tgt Ion: 136 Resp: 210600

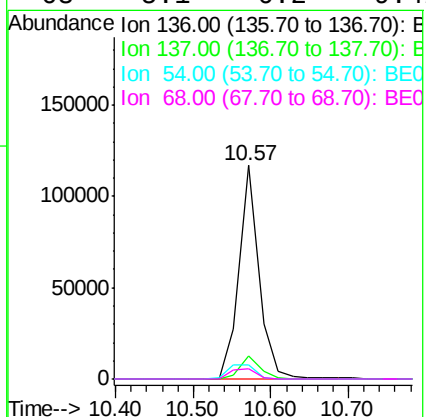
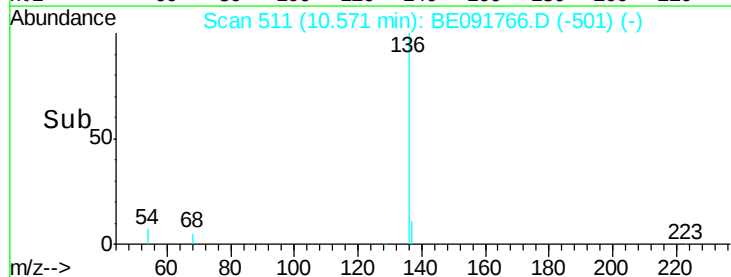
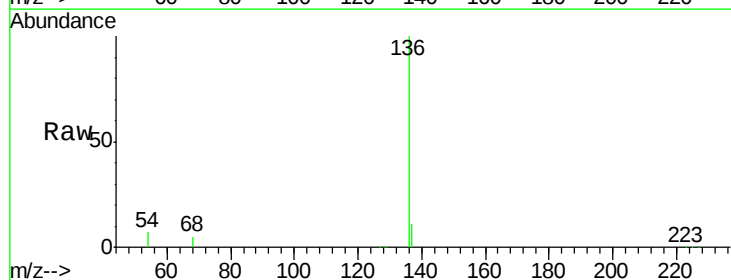
Ion Ratio Lower Upper

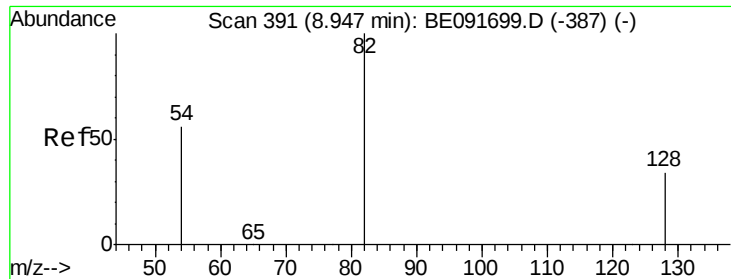
136 100

137 10.9 8.9 13.3

54 6.8 8.2 12.4#

68 5.1 6.2 9.4#

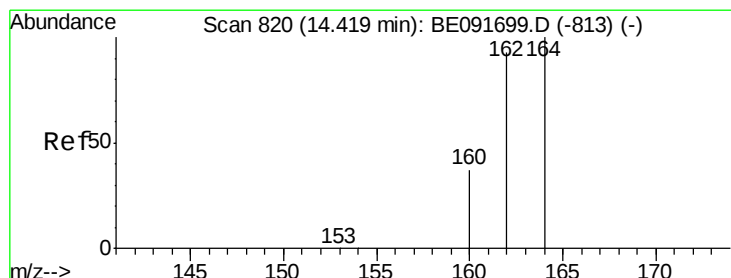
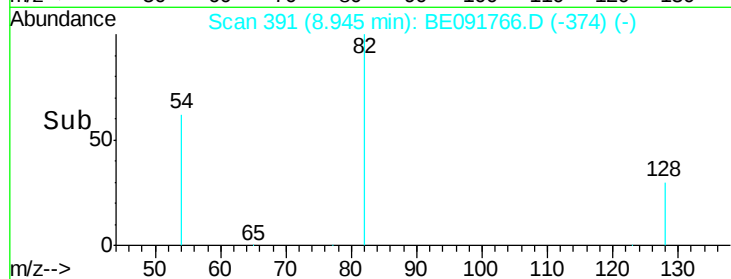
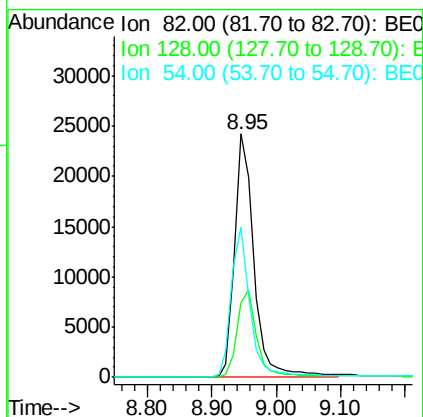
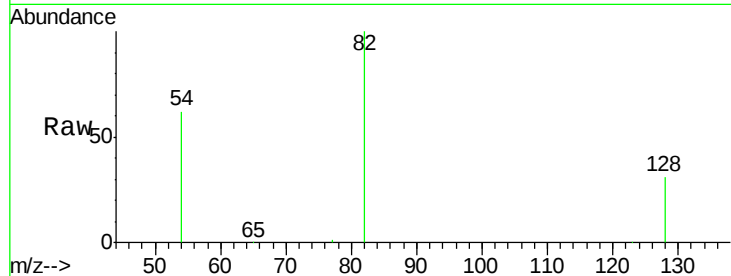




#8
 Nitrobenzene-d5
 Concen: 3.62 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

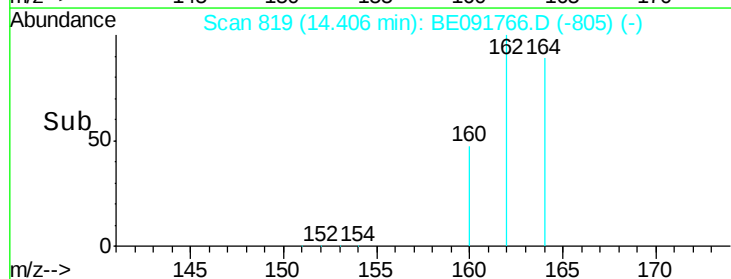
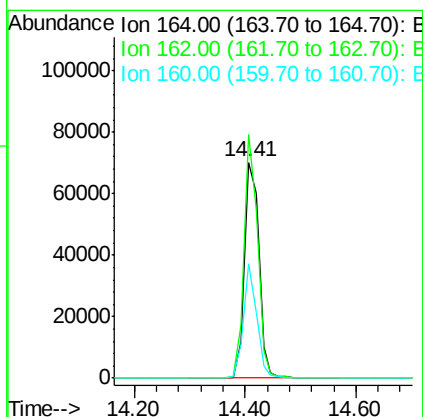
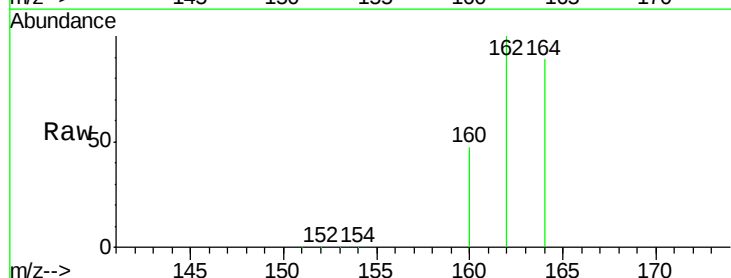
Instrument :
 BNA_E
 ClientSampleId :
 PB90364BL

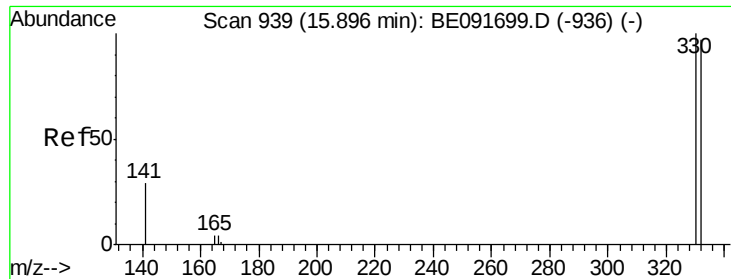
Tgt Ion: 82 Resp: 49165
 Ion Ratio Lower Upper
 82 100
 128 30.5 25.4 38.0
 54 61.9 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

Tgt Ion: 164 Resp: 125954
 Ion Ratio Lower Upper
 164 100
 162 112.7 85.3 127.9
 160 53.1 46.2 69.2

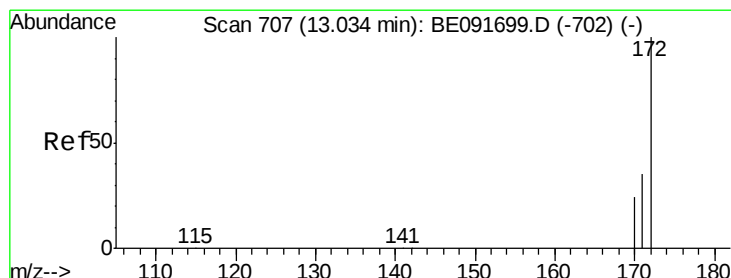
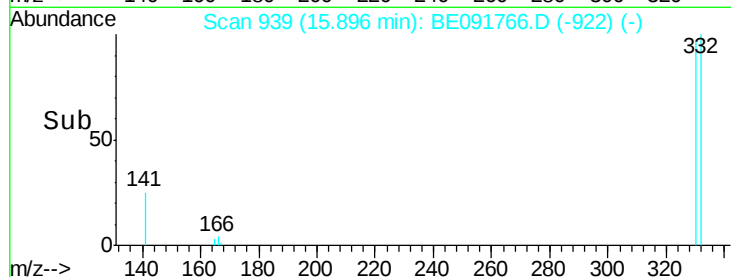
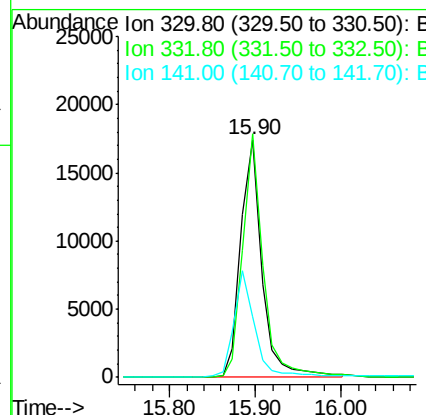
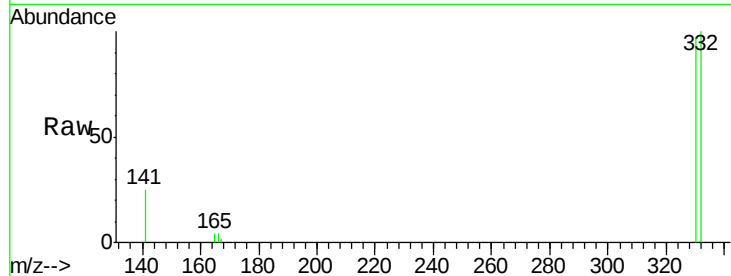




#14
 2,4,6-Tribromophenol
 Concen: 6.41 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

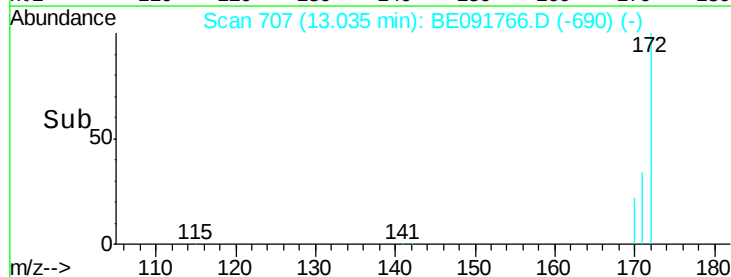
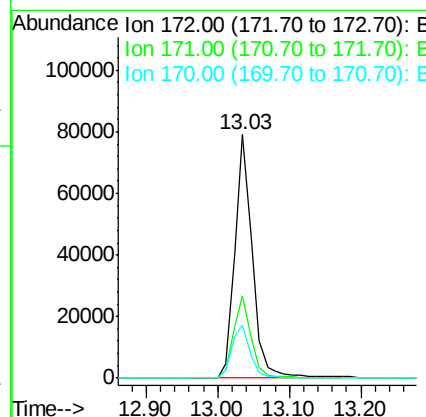
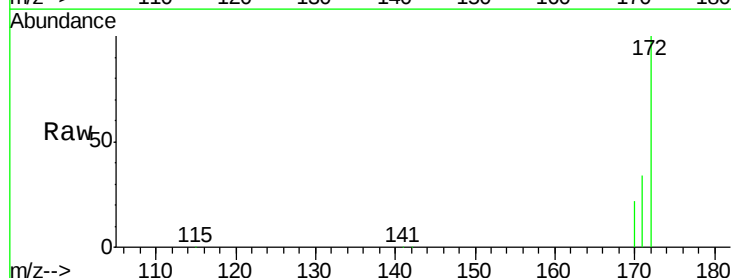
Instrument :
 BNA_E
 ClientSampleId :
 PB90364BL

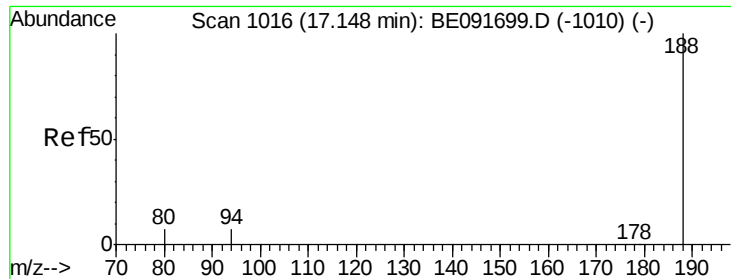
Tgt Ion:330 Resp: 29907
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.1 118.7
 141 42.8 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.75 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

Tgt Ion:172 Resp: 133409
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.8 43.2
 170 22.0 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

Instrument :

BNA_E

ClientSampled :

PB90364BL

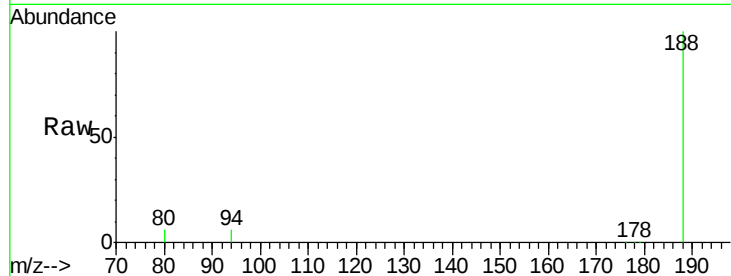
Tgt Ion:188 Resp: 300587

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

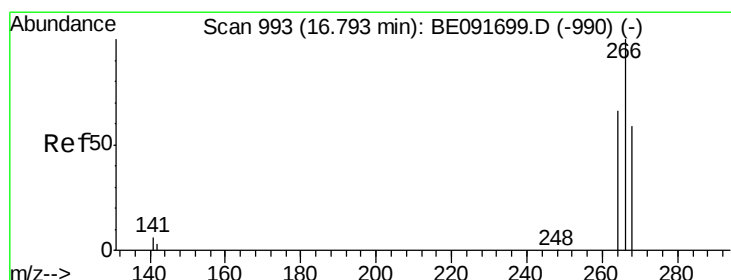
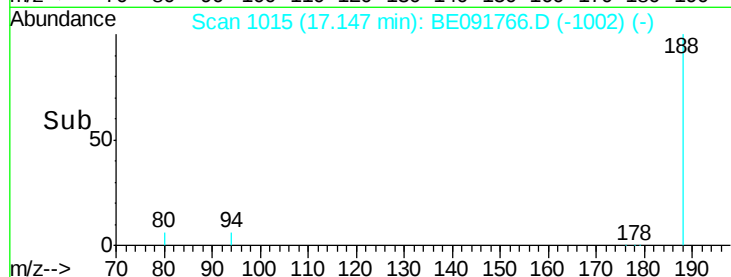
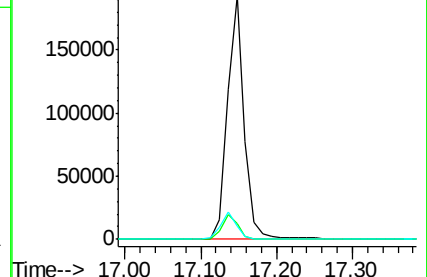
80 5.7 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.02 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

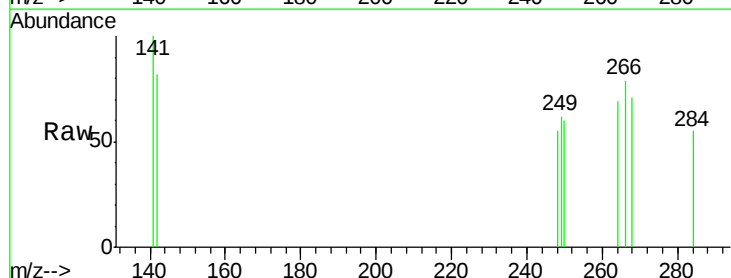
Tgt Ion:266 Resp: 94

Ion Ratio Lower Upper

266 100

268 90.3 58.2 87.2#

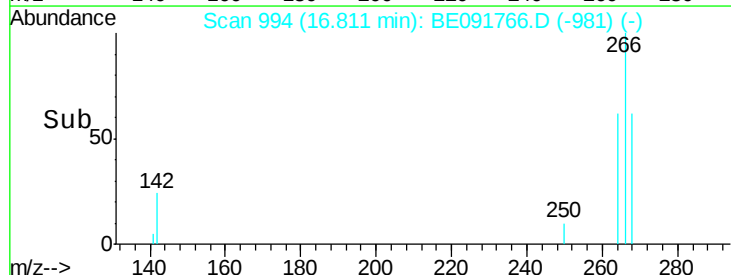
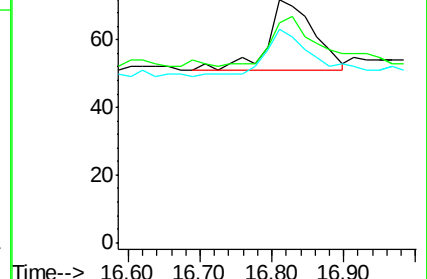
264 87.5 56.2 84.4#

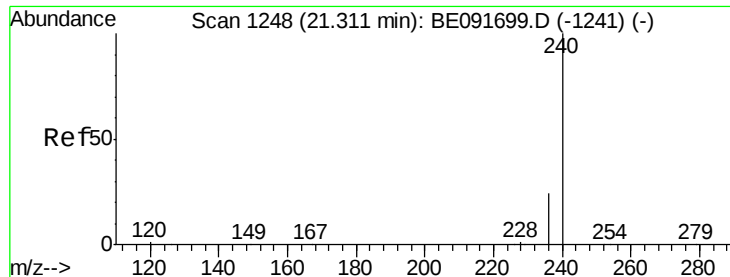


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

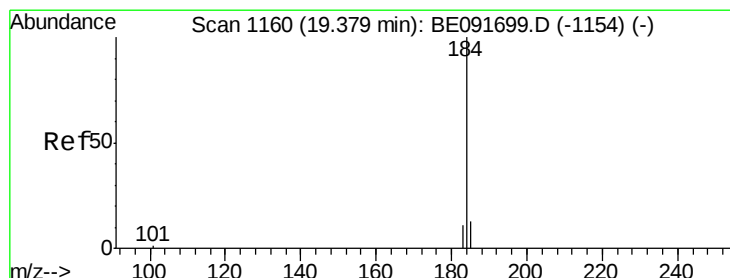
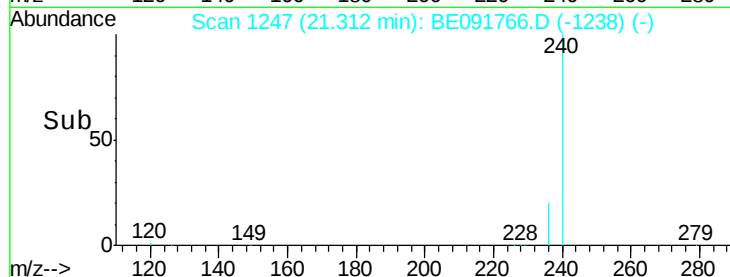
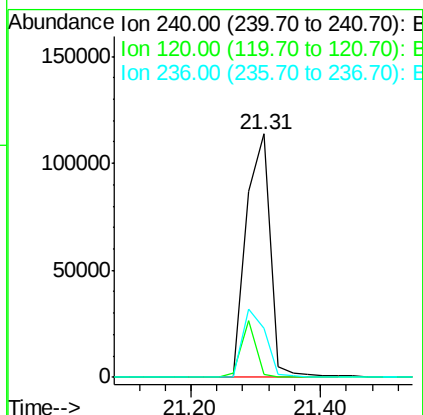
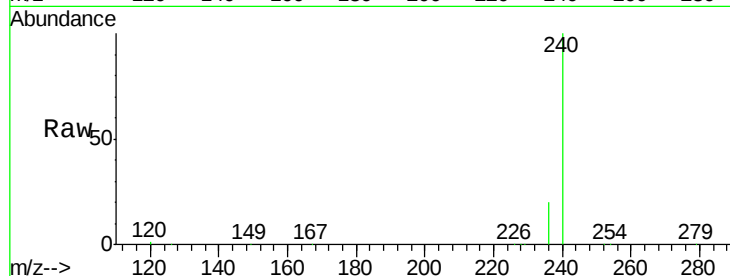




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

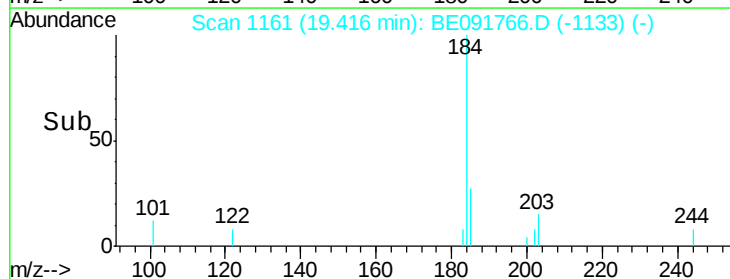
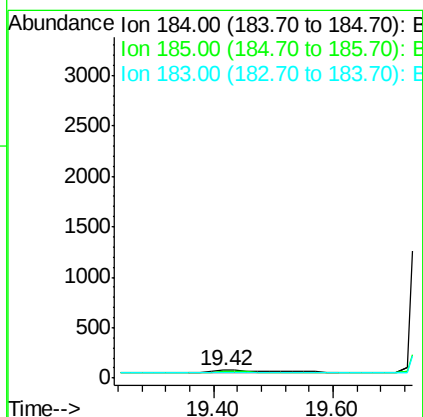
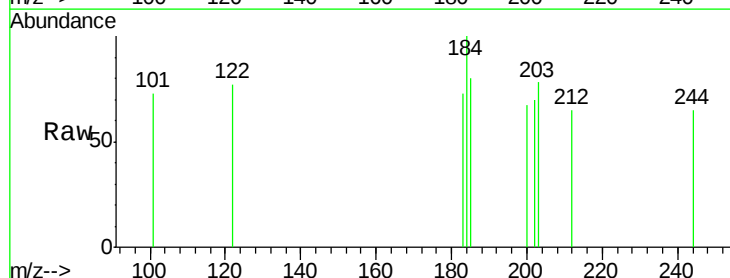
Instrument :
 BNA_E
 ClientSampleId :
 PB90364BL

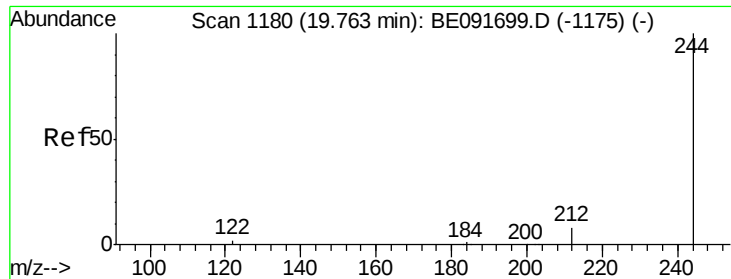
Tgt Ion:240 Resp: 290287
 Ion Ratio Lower Upper
 240 100
 120 1.0 11.0 16.4#
 236 20.3 21.7 32.5#



#27
 Benzidine
 Concen: 0.17 ng
 RT: 19.42 min Scan# 1161
 Delta R.T. 0.04 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

Tgt Ion:184 Resp: 163
 Ion Ratio Lower Upper
 184 100
 185 79.7 22.3 33.5#
 183 73.4 16.4 24.6#





#29

Terphenyl-d14

Concen: 4.36 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

Instrument :

BNA_E

ClientSampleId :

PB90364BL

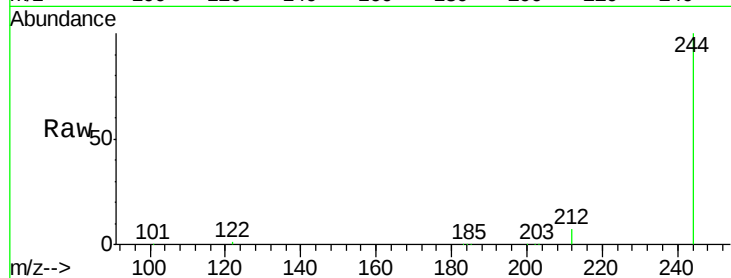
Tgt Ion:244 Resp: 197366

Ion Ratio Lower Upper

244 100

212 6.8 6.9 10.3#

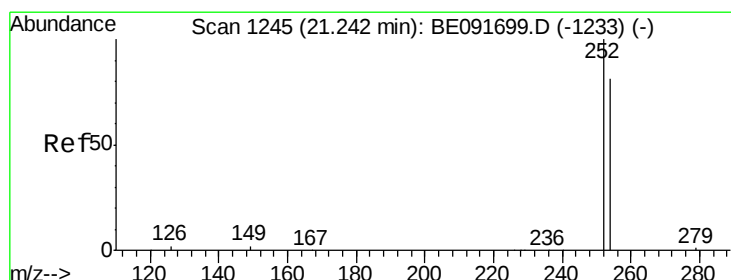
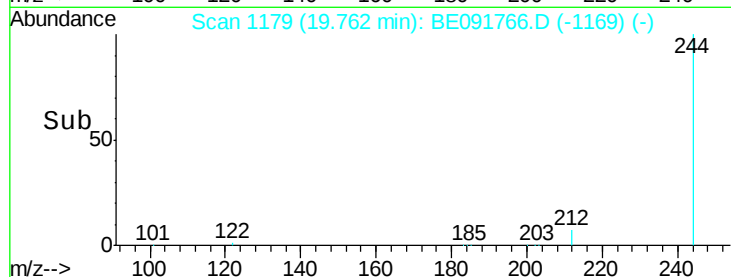
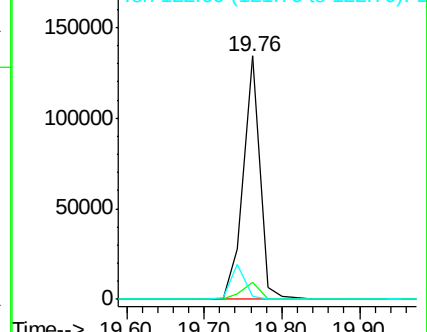
122 1.2 11.0 16.4#



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



#31

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 21.10 min Scan# 1238

Delta R.T. -0.14 min

Lab File: BE091766.D

Acq: 10 May 2016 21:07

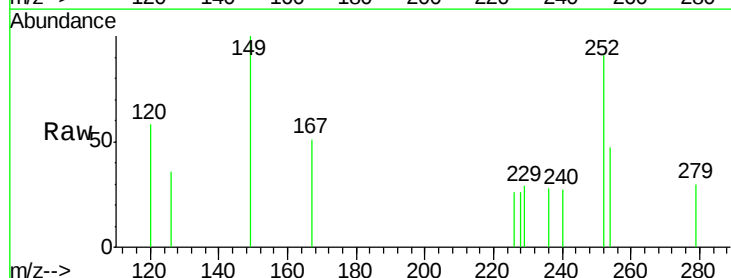
Tgt Ion:252 Resp: 817

Ion Ratio Lower Upper

252 100

254 51.5 51.1 76.7

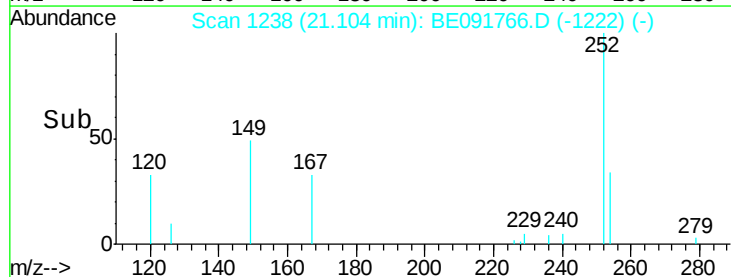
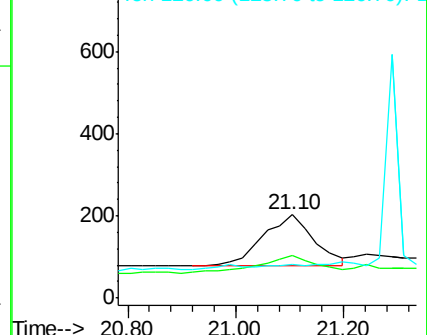
126 40.1 12.6 18.8#

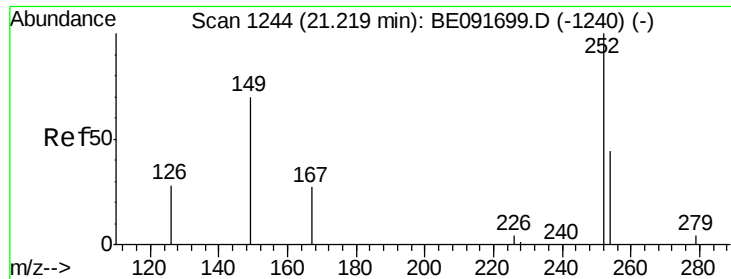


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

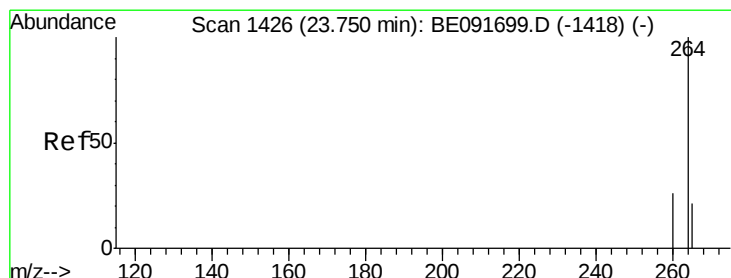
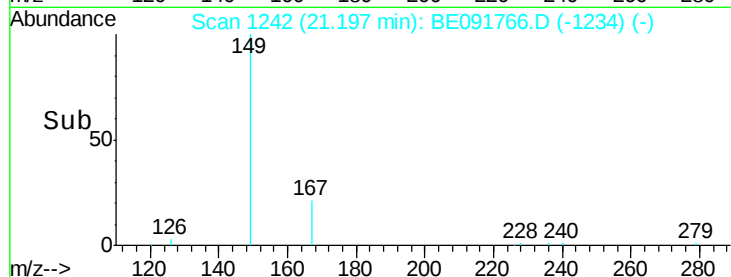
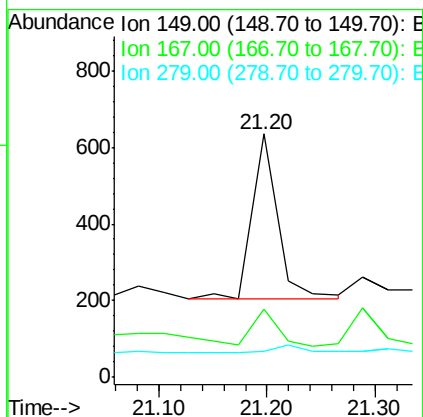
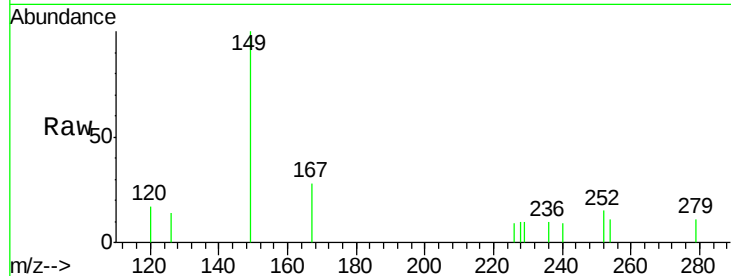




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

Instrument :
 BNA_E
 ClientSampleId :
 PB90364BL

Tgt Ion:149 Resp: 706
 Ion Ratio Lower Upper
 149 100
 167 21.5 19.5 29.3
 279 0.0 10.0 15.0#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BE091766.D
 Acq: 10 May 2016 21:07

Tgt Ion:264 Resp: 314457
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.0 30.0
 265 22.6 17.5 26.3

