

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092059.D
 Acq On : 27 Jul 2016 16:28
 Operator : UM/SJ
 Sample : PB92324BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

Quant Time: Jul 28 01:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	14186	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	60467	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	29566	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	86823	5.00	ng	0.00
31) Chrysene-d12	21.76	240	86454	5.00	ng	0.00
40) Perylene-d12	24.15	264	93480	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	19344	6.12	ng	-0.02
5) Phenol-d6	7.35	99	25083	5.95	ng	0.00
9) Nitrobenzene-d5	9.37	82	14237	3.16	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	5555	4.12	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	34935	2.95	ng	0.00
34) Terphenyl-d14	20.20	244	57539	3.57	ng	0.00

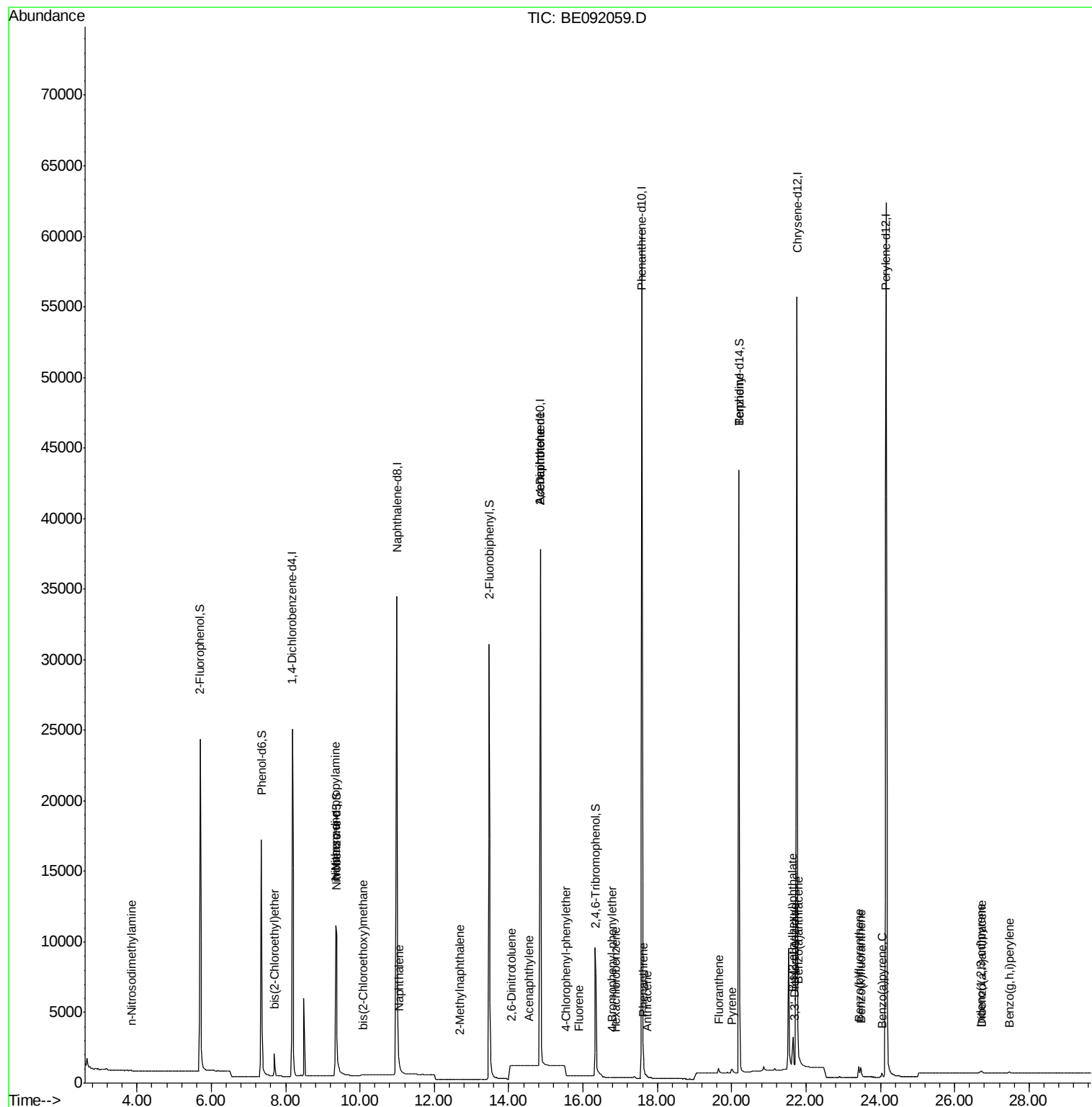
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.87	42	6	0.00	ng	# 6
6) bis(2-Chloroethyl)ether	7.70	93	30	0.01	ng	# 1
7) n-Nitroso-di-n-propylamine	9.35	70	1730	0.51	ng	# 83
10) Nitrobenzene	9.35	77	41	0.01	ng	# 31
11) bis(2-Chloroethoxy)methane	10.07	93	256	0.05	ng	# 51
12) Naphthalene	11.04	128	19	0.00	ng	# 1
14) 2-Methylnaphthalene	12.69	142	11	0.00	ng	# 46
18) Acenaphthylene	14.56	152	11	0.00	ng	# 74
19) 2,6-Dinitrotoluene	14.07	165	1389	0.29	ng	# 100
20) Acenaphthene	14.86	154	130	0.02	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	16734	1.51	ng	# 1
22) Fluorene	15.90	166	6	0.00	ng	# 1
23) 4-Chlorophenyl-phenylether	15.55	204	104	0.02	ng	# 1
25) 4-Bromophenyl-phenylether	16.78	248	1	0.00	ng	# 1
26) Hexachlorobenzene	16.88	284	3	0.00	ng	# 1
28) Phenanthrene	17.63	178	49	0.00	ng	# 69
29) Anthracene	17.72	178	27	0.00	ng	# 80
30) Fluoranthene	19.65	202	546	0.01	ng	# 94
32) Benzdine	20.20	184	853	0.26	ng	# 94
33) Pyrene	20.02	202	667	0.01	ng	# 89
35) Benzo(a)anthracene	21.78	228	2897	0.05	ng	# 91
36) 3,3'-Dichlorobenzidine	21.70	252	7	0.26	ng	# 24
37) Chrysene	21.78	228	3002	Below Cal		# 93
38) Bis(2-ethylhexyl)phthalate	21.64	149	3609	0.11	ng	# 98
39) Indeno(1,2,3-cd)pyrene	26.70	276	480	0.00	ng	# 90
41) Benzo(b)fluoranthene	23.42	252	1275	0.00	ng	# 81
42) Benzo(k)fluoranthene	23.47	252	1190	0.00	ng	# 83
43) Benzo(a)pyrene	24.05	252	518	0.02	ng	# 50
44) Dibenzo(a,h)anthracene	26.74	278	92	0.00	ng	# 1
45) Benzo(g,h,i)perylene	27.47	276	278	0.00	ng	# 1

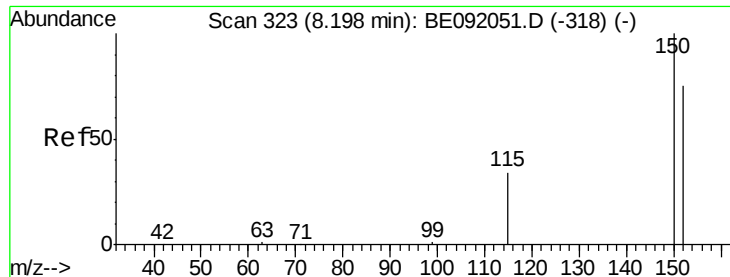
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

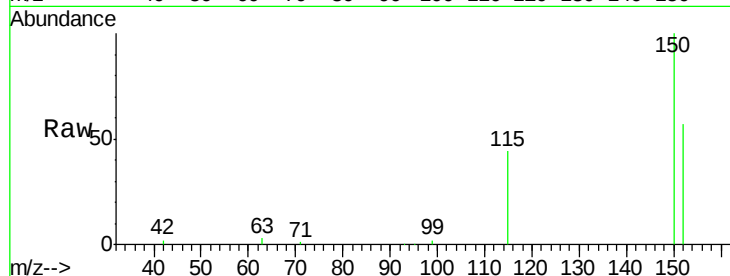
Tgt Ion:152 Resp: 14186

Ion Ratio Lower Upper

152 100

150 173.9 106.0 159.0#

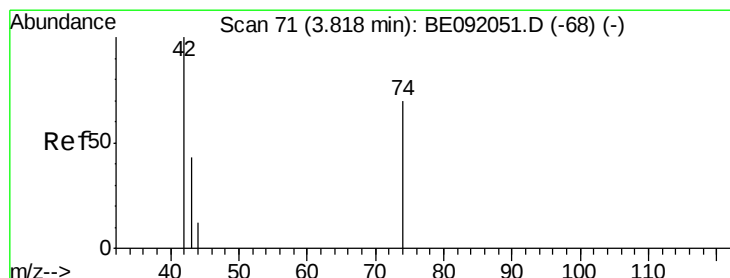
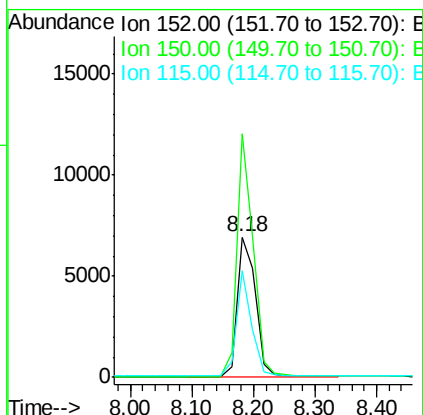
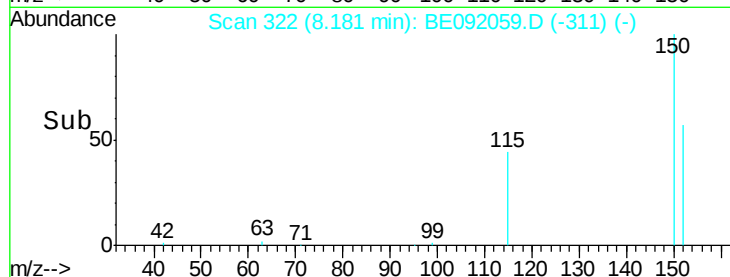
115 76.1 36.9 55.3#



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



#3

n-Nitrosodimethylamine

Concen: 0.00 ng

RT: 3.87 min Scan# 74

Delta R.T. 0.05 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

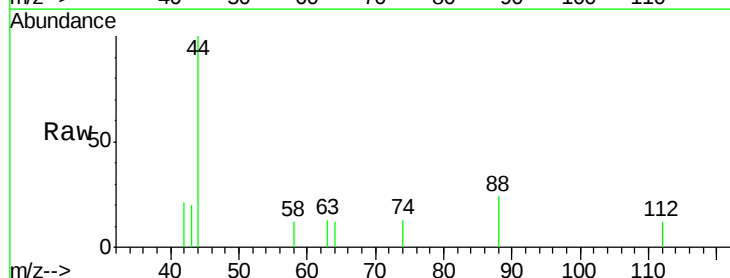
Tgt Ion: 42 Resp: 6

Ion Ratio Lower Upper

42 100

74 0.0 82.8 124.2#

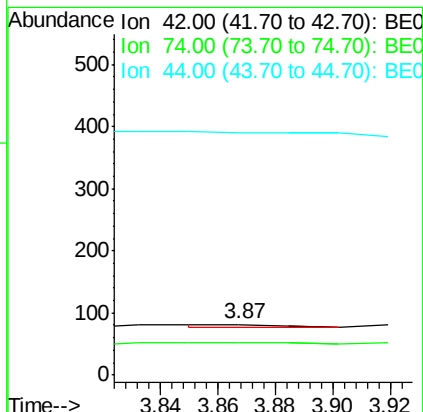
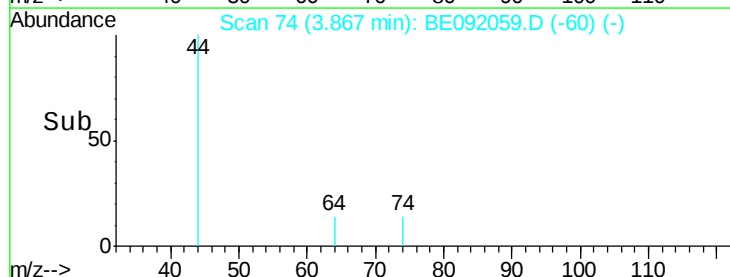
44 0.0 9.0 13.4#

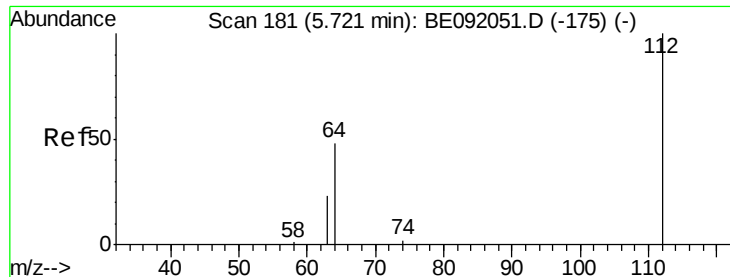


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.12 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

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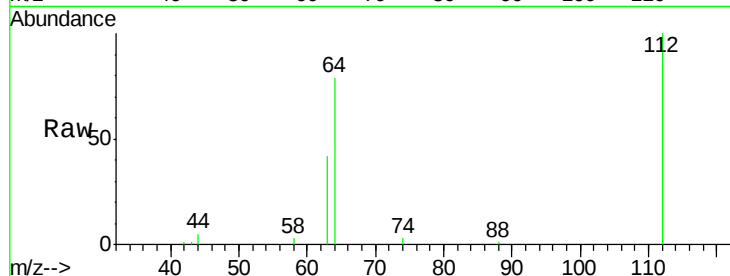
Tgt Ion: 112 Resp: 19344

Ion Ratio Lower Upper

112 100

64 68.2 55.9 83.9

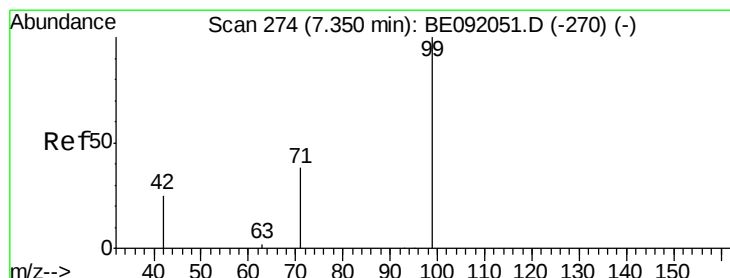
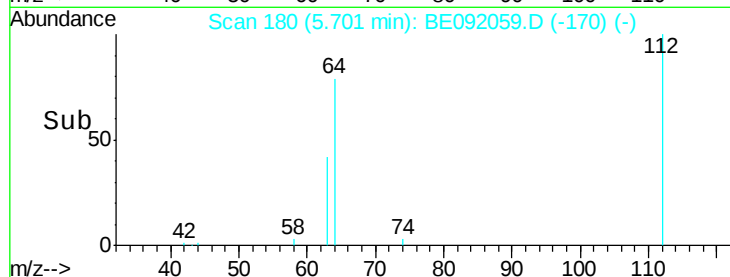
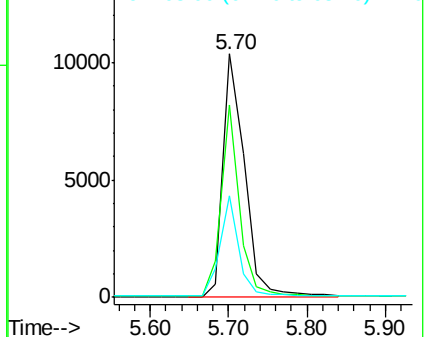
63 36.8 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 5.95 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

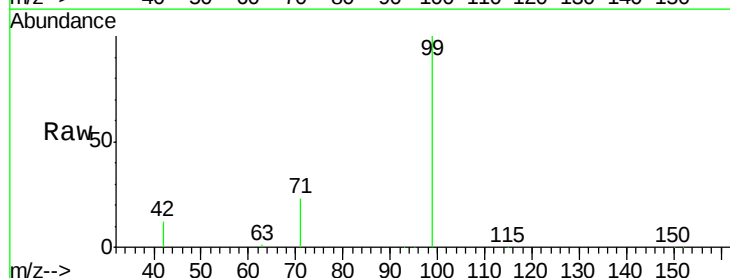
Tgt Ion: 99 Resp: 25083

Ion Ratio Lower Upper

99 100

42 26.7 22.4 33.6

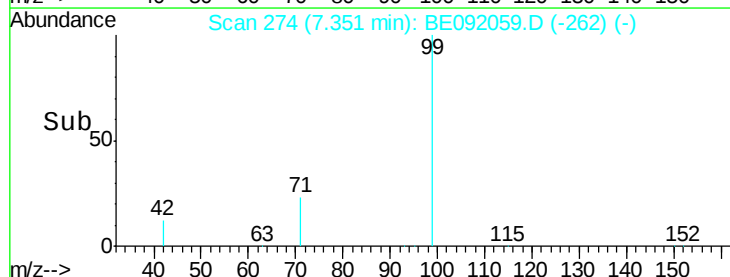
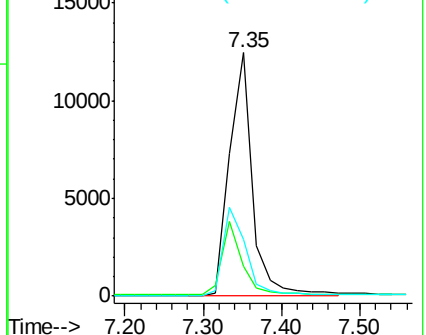
71 36.1 28.9 43.3

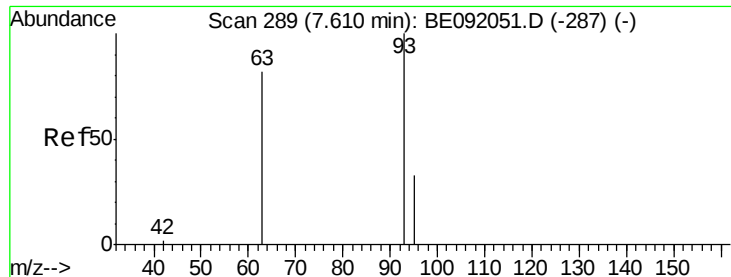


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 7.70 min Scan# 294

Delta R.T. 0.09 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

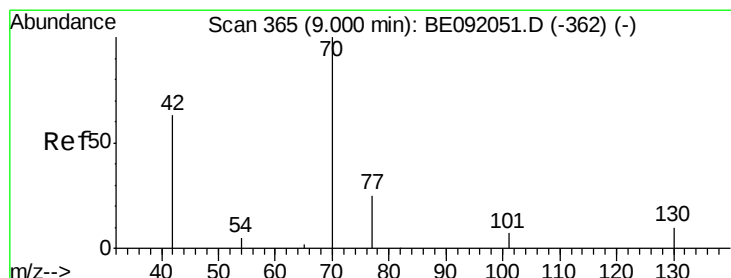
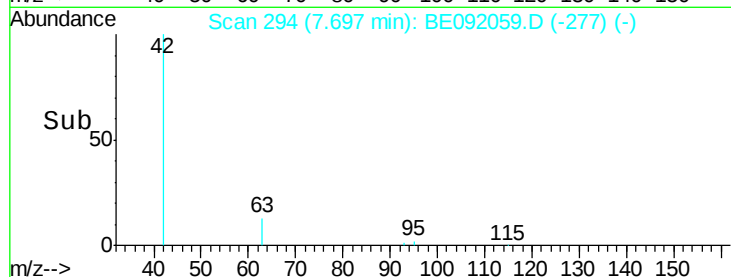
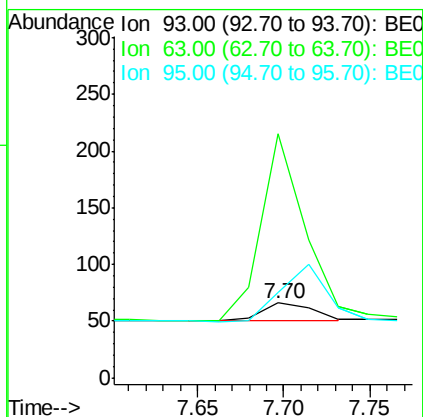
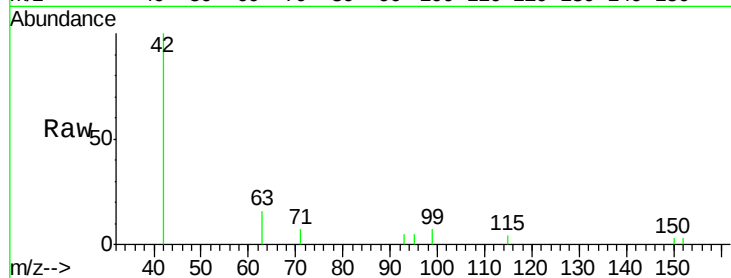
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

63 953.3 64.4 96.6#

95 313.3 25.8 38.8#



#7

n-Nitroso-di-n-propylamine

Concen: 0.51 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.35 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Tgt Ion: 70 Resp: 1730

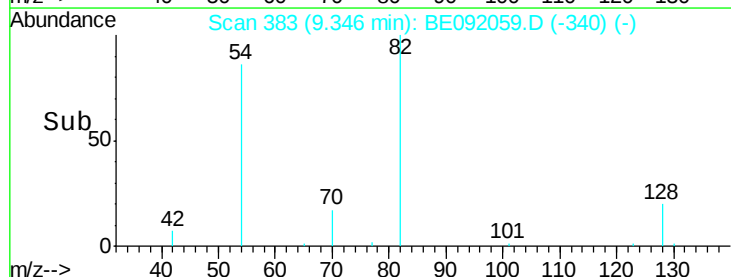
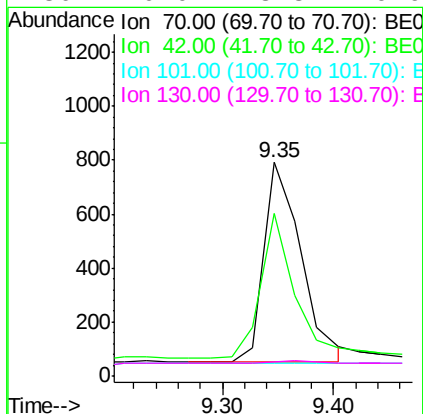
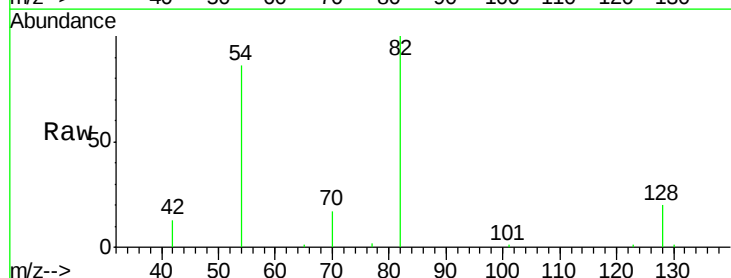
Ion Ratio Lower Upper

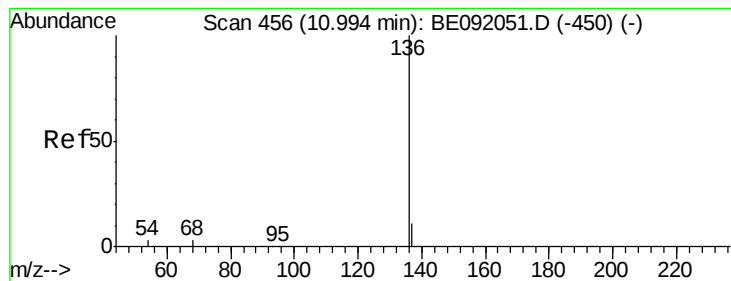
70 100

42 65.1 60.2 90.4

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

Tgt Ion:136 Resp: 60467

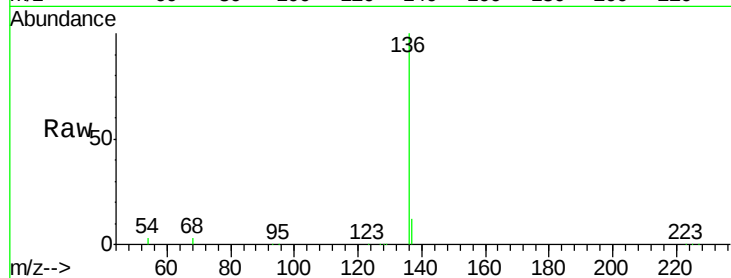
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 3.4 2.7 4.1

68 2.7 2.2 3.4

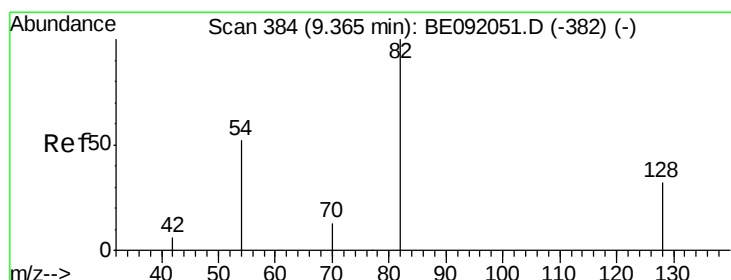
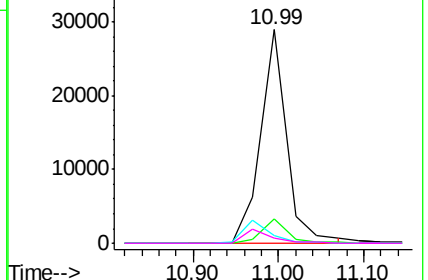
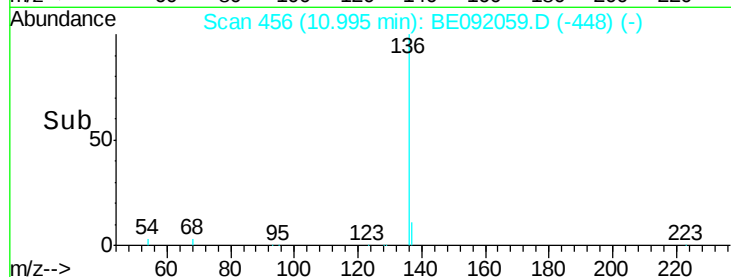


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#9

Nitrobenzene-d5

Concen: 3.16 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

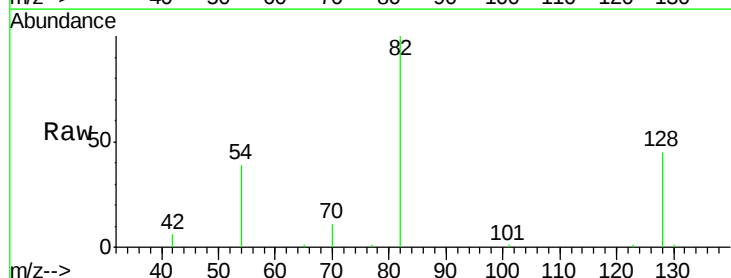
Tgt Ion: 82 Resp: 14237

Ion Ratio Lower Upper

82 100

128 45.0 33.0 49.4

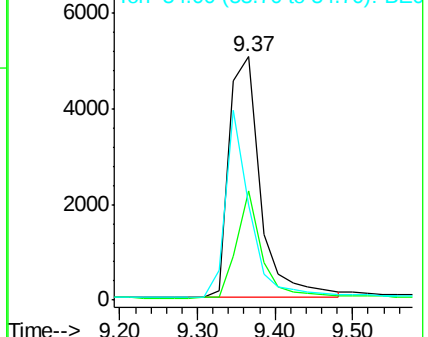
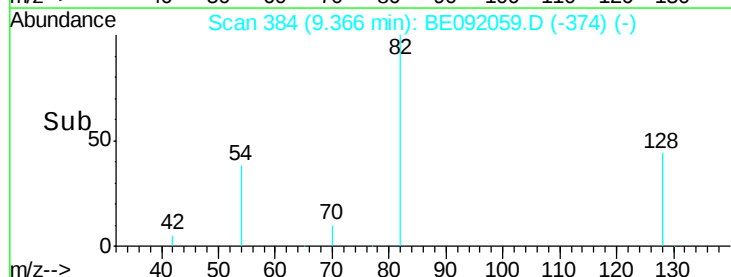
54 38.8 42.6 63.8#

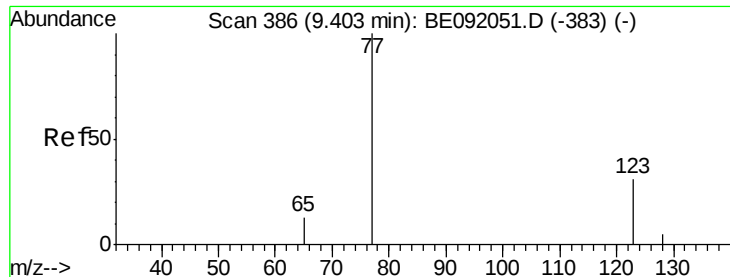


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Nitrobenzene

Concen: 0.01 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.06 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

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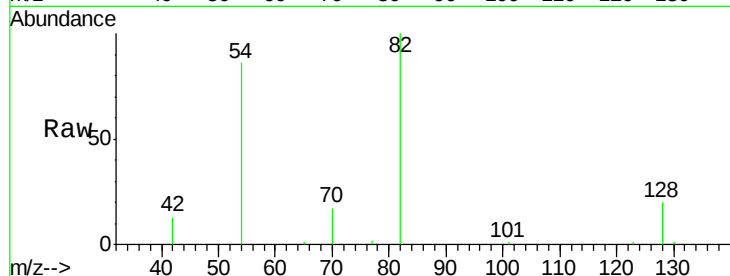
Tgt Ion: 77 Resp: 41

Ion Ratio Lower Upper

77 100

123 0.0 29.9 44.9#

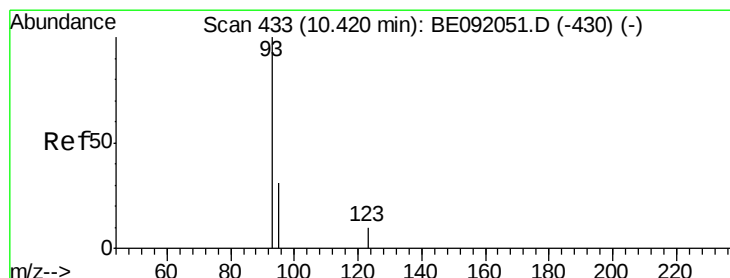
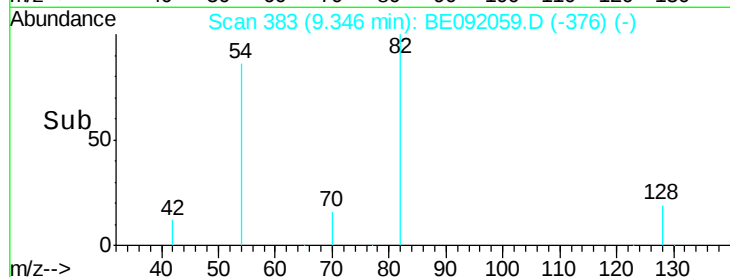
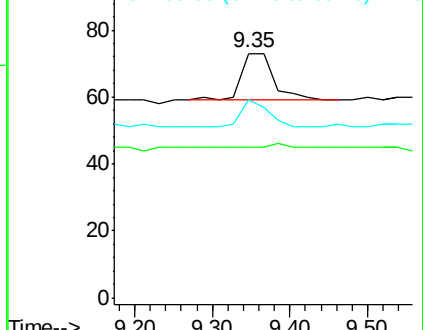
65 48.8 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#11

bis(2-Chloroethoxy)methane

Concen: 0.05 ng

RT: 10.07 min Scan# 419

Delta R.T. -0.35 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

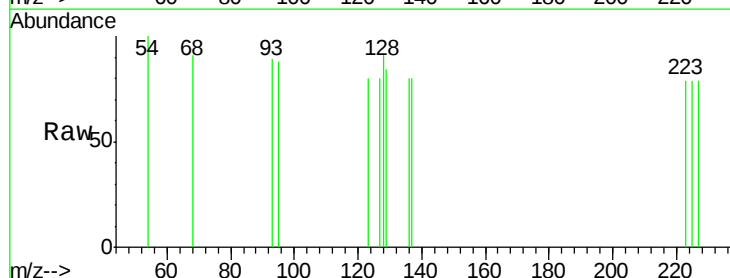
Tgt Ion: 93 Resp: 256

Ion Ratio Lower Upper

93 100

95 0.0 25.0 37.6#

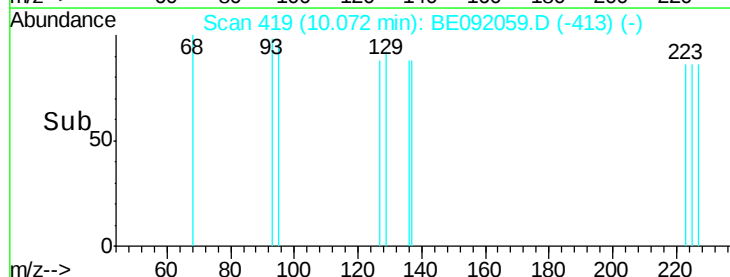
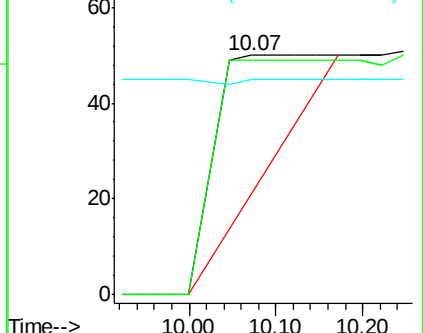
123 0.4 7.8 11.8#

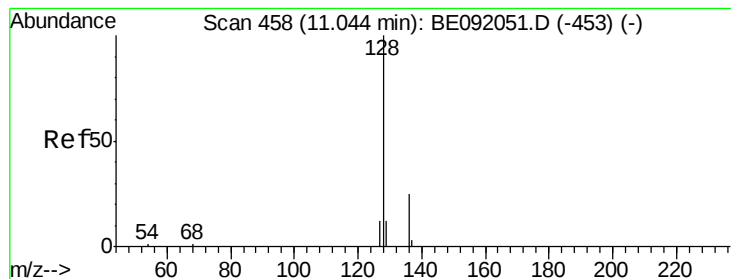


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0





#12

Naphthalene

Concen: 0.00 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

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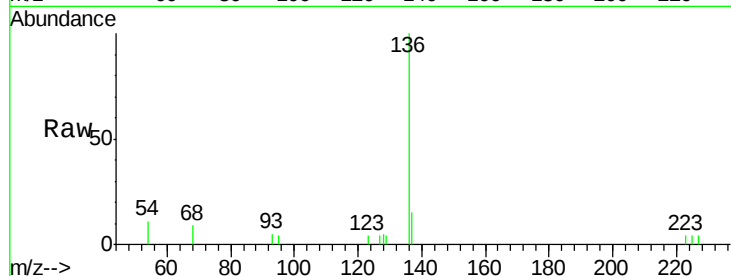
Tgt Ion:128 Resp: 19

Ion Ratio Lower Upper

128 100

129 87.3 11.1 16.7#

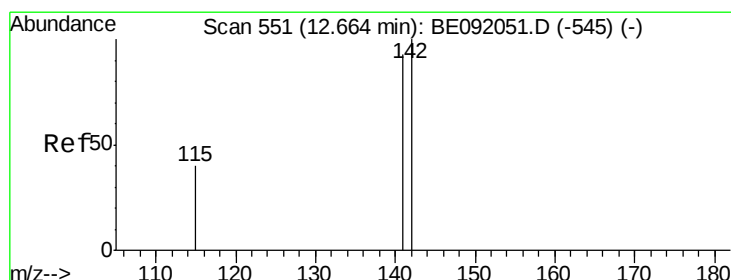
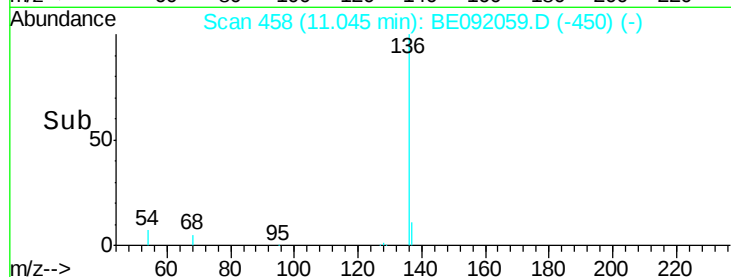
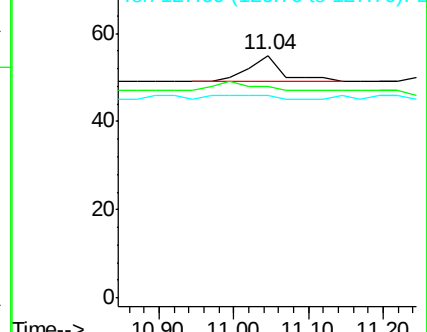
127 83.6 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#14

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.69 min Scan# 553

Delta R.T. 0.02 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

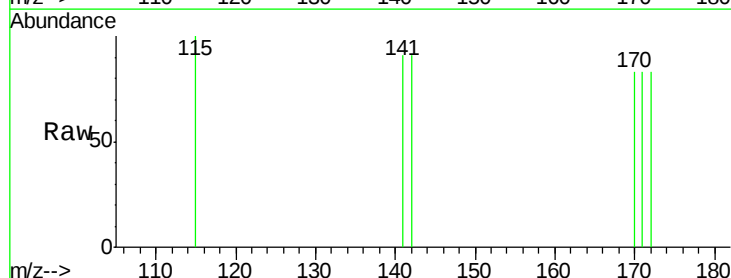
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 100.0 65.1 97.7#

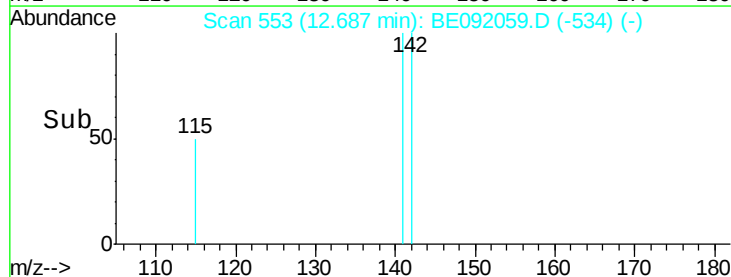
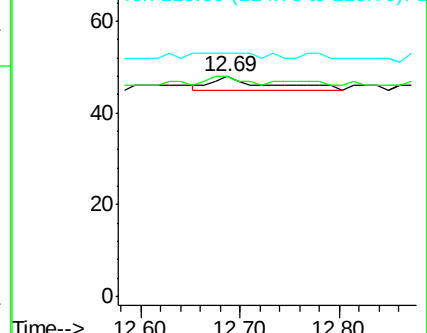
115 110.4 27.0 40.4#

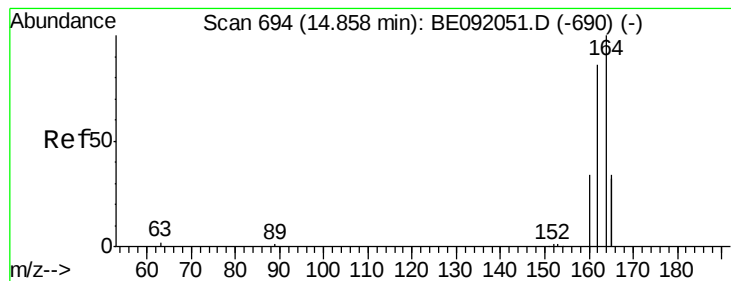


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

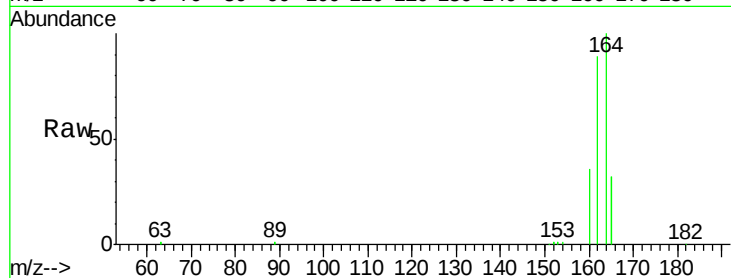
Tgt Ion:164 Resp: 29566

Ion Ratio Lower Upper

164 100

162 89.0 69.5 104.3

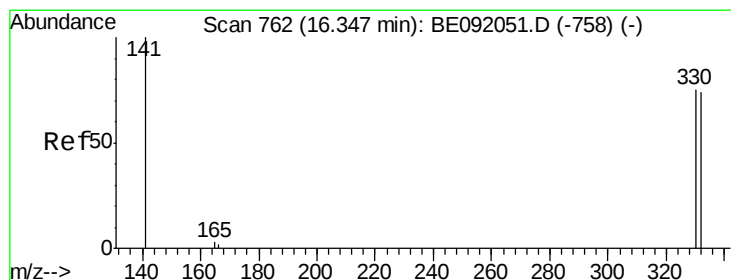
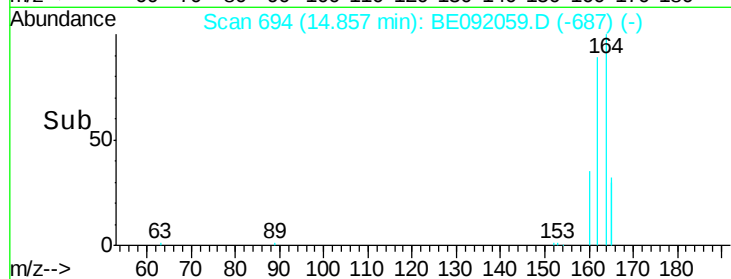
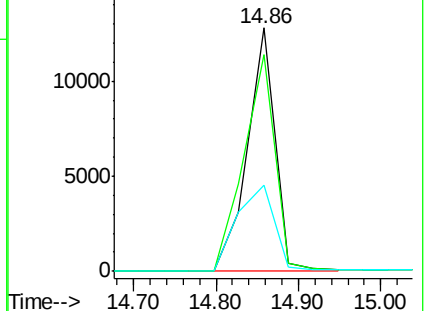
160 35.6 27.6 41.4



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



#16

2,4,6-Tribromophenol

Concen: 4.12 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

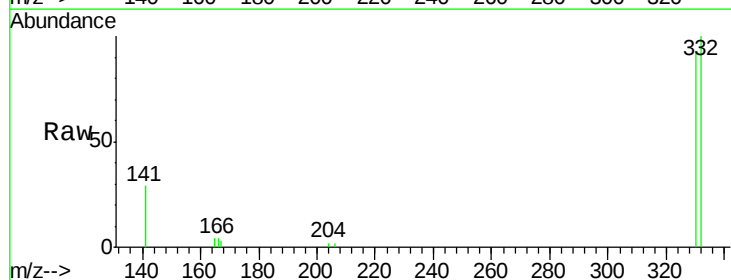
Tgt Ion:330 Resp: 5555

Ion Ratio Lower Upper

330 100

332 97.9 74.2 111.4

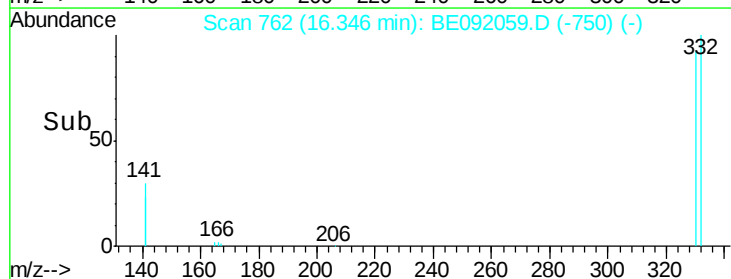
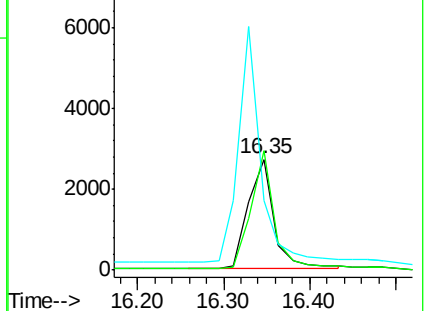
141 185.3 139.8 209.8

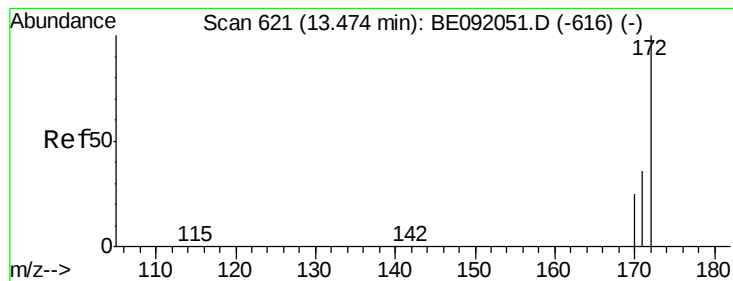


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

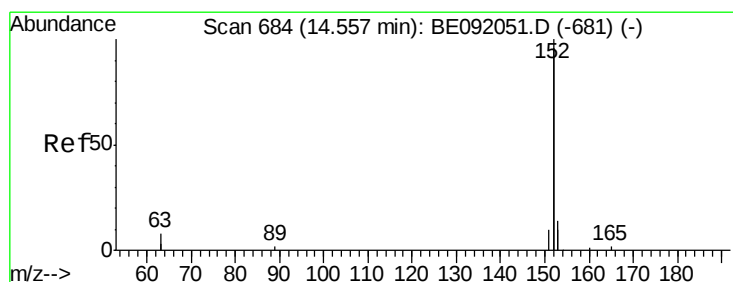
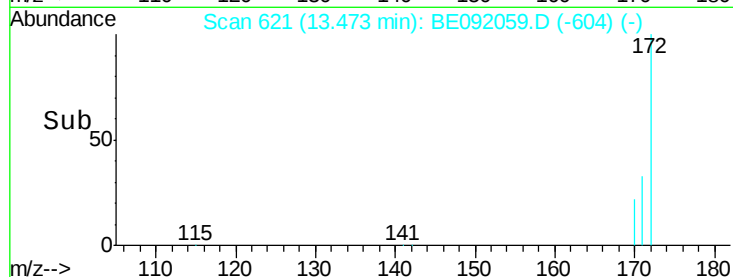
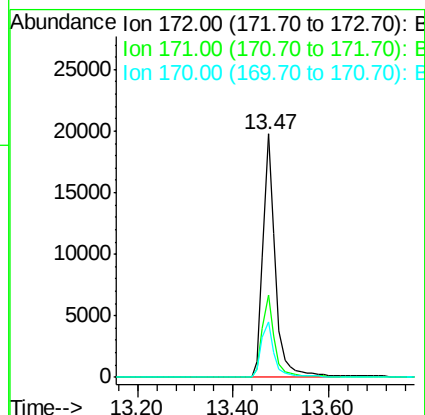
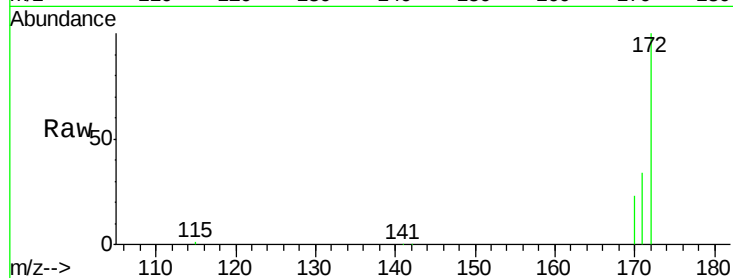




#17
2-Fluorobiphenyl
Concen: 2.95 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.00 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

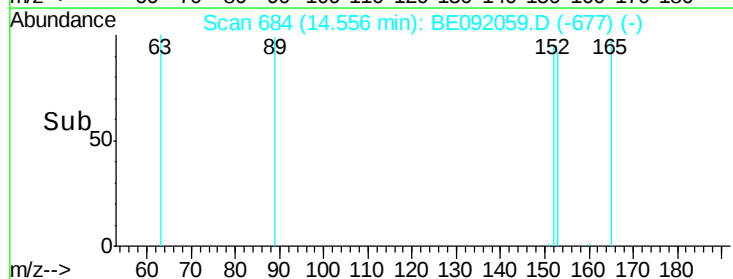
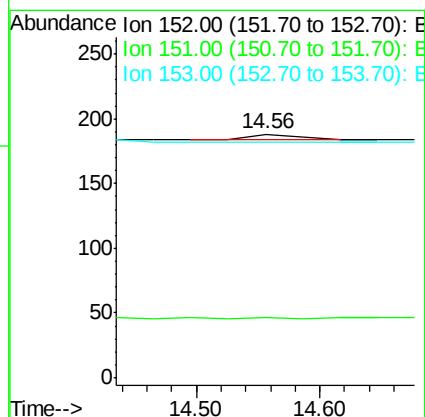
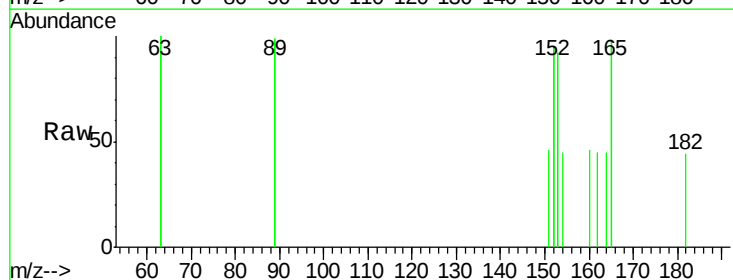
Instrument :
BNA_E
ClientSampleId :
PB92324BL

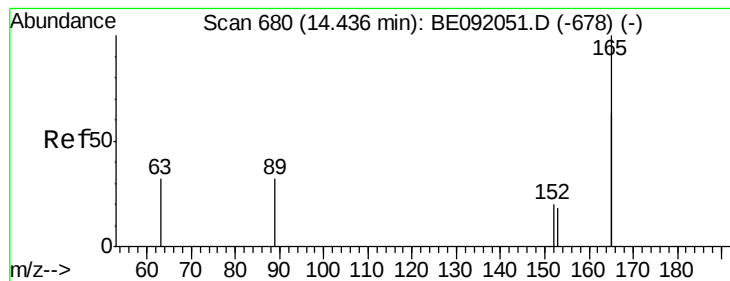
Tgt Ion:172 Resp: 34935
Ion Ratio Lower Upper
172 100
171 33.7 30.3 45.5
170 22.6 21.6 32.4



#18
Acenaphthylene
Concen: 0.00 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

Tgt Ion:152 Resp: 11
Ion Ratio Lower Upper
152 100
151 0.0 4.0 6.0#
153 0.0 9.6 14.4#





#19

2,6-Dinitrotoluene

Concen: 0.29 ng

RT: 14.07 min Scan# 668

Delta R.T. -0.36 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

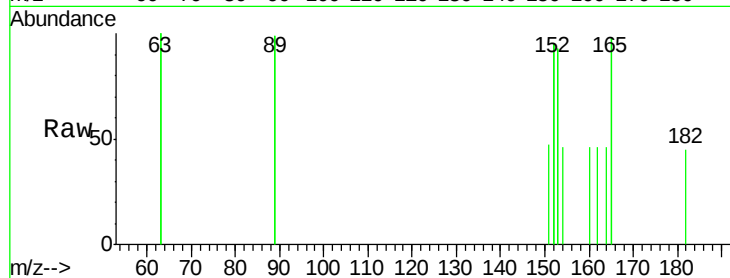
Tgt Ion:165 Resp: 1389

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 0.0 0.0

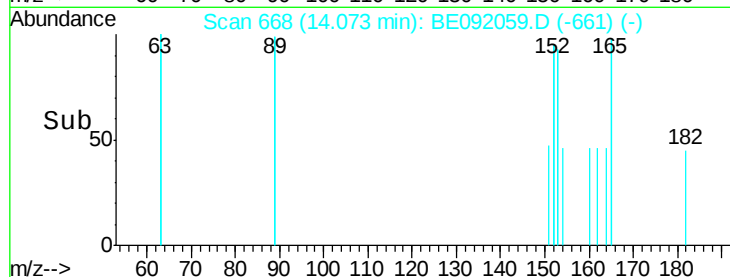


Abundance Ion 165.00 (164.70 to 165.70): E

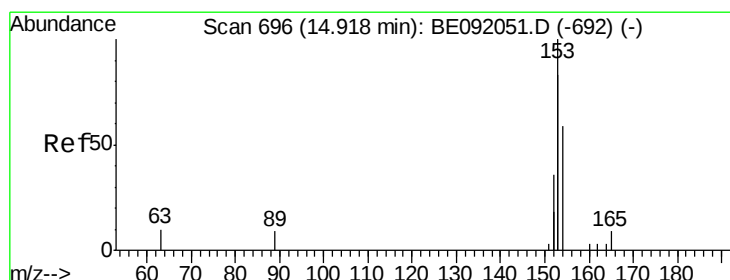
Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Time-->



Time-->



#20

Acenaphthene

Concen: 0.02 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.06 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

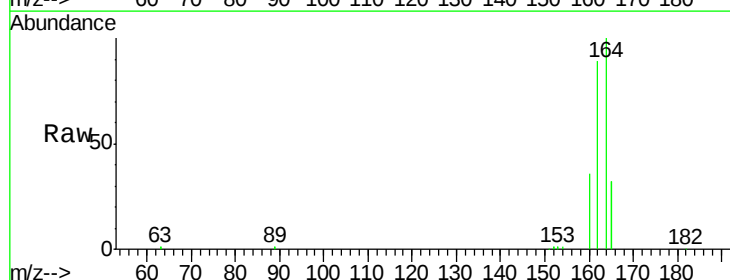
Tgt Ion:154 Resp: 130

Ion Ratio Lower Upper

154 100

153 47.7 345.1 517.7#

152 0.0 0.0 0.0

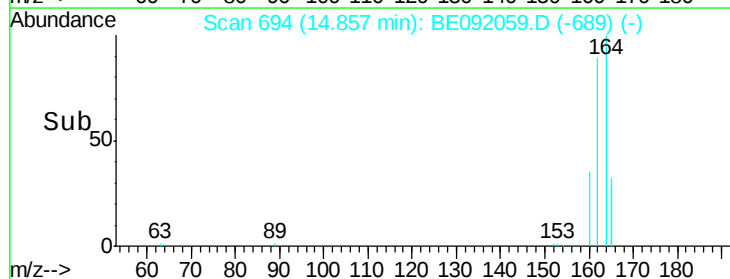


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

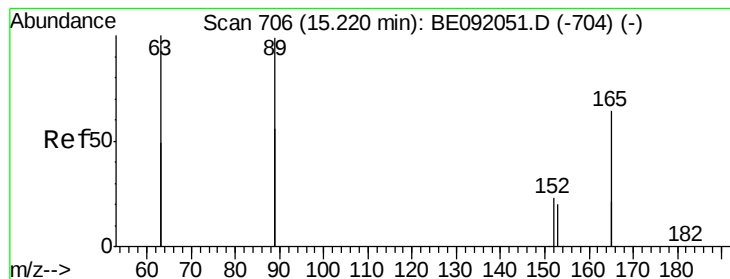
Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->

Time-->



#21

2,4-Dinitrotoluene

Concen: 1.51 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

Tgt Ion:165 Resp: 16734

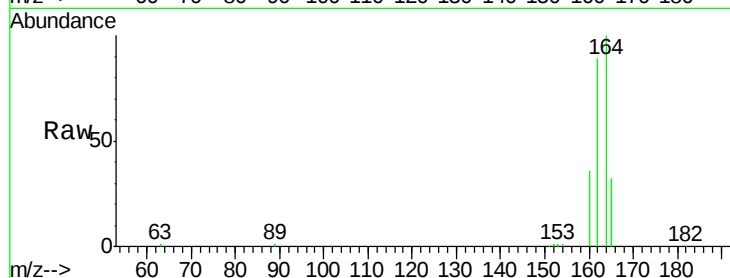
Ion Ratio Lower Upper

165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.0 0.0 0.0

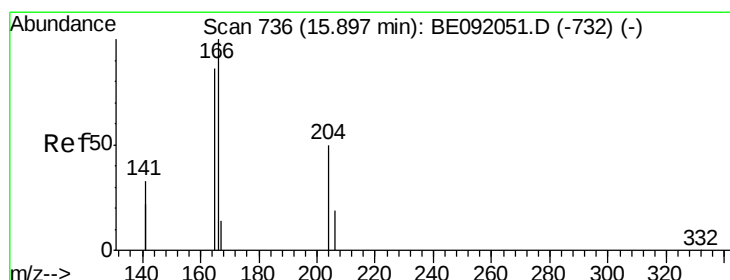
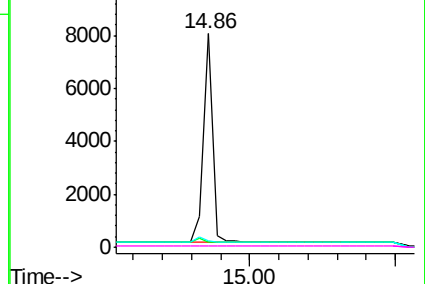
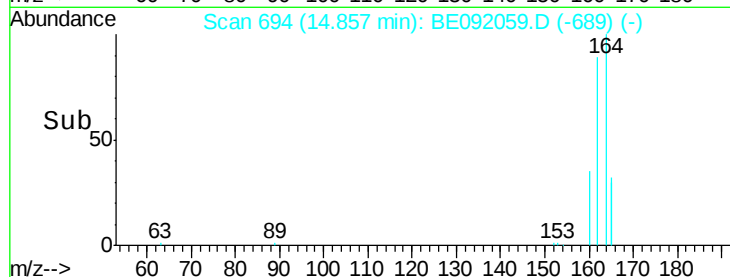


Abundance Ion 165.00 (164.70 to 165.70): E

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



#22

Fluorene

Concen: 0.00 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

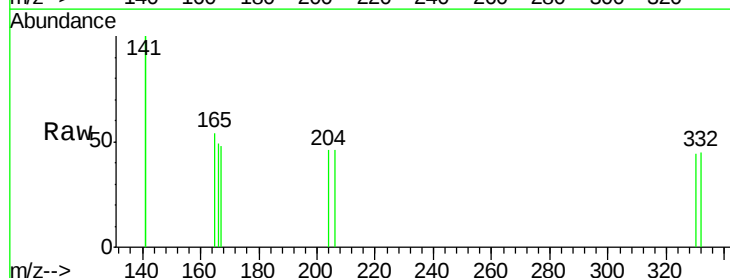
Tgt Ion:166 Resp: 6

Ion Ratio Lower Upper

166 100

165 200.0 78.6 118.0#

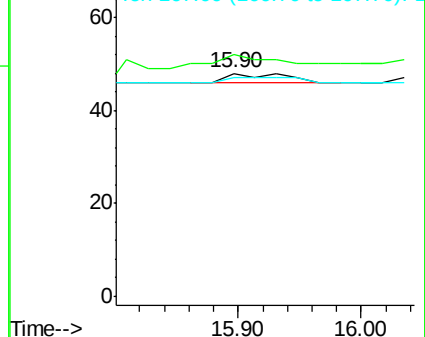
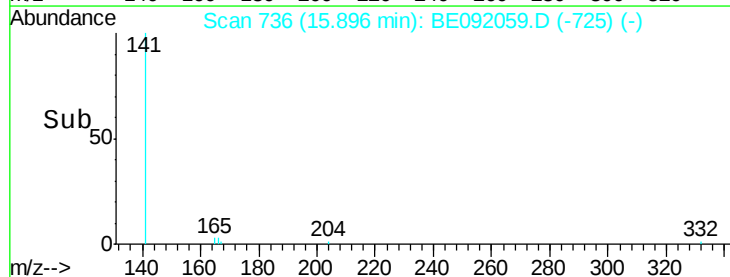
167 150.0 11.1 16.7#

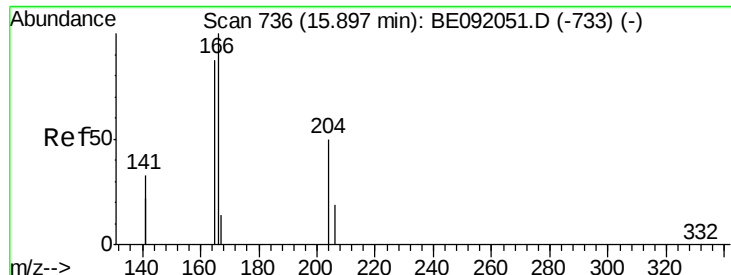


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.02 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleID :

PB92324BL

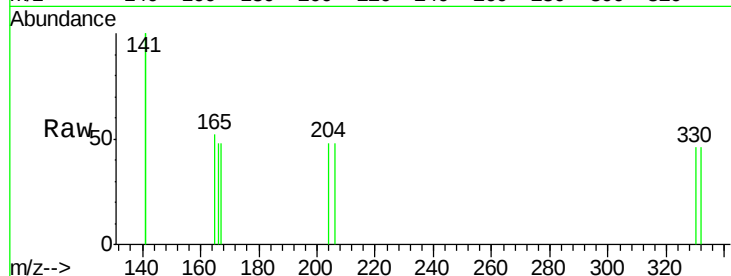
Tgt Ion:204 Resp: 104

Ion Ratio Lower Upper

204 100

206 100.0 27.0 40.4#

141 0.0 198.5 297.7#

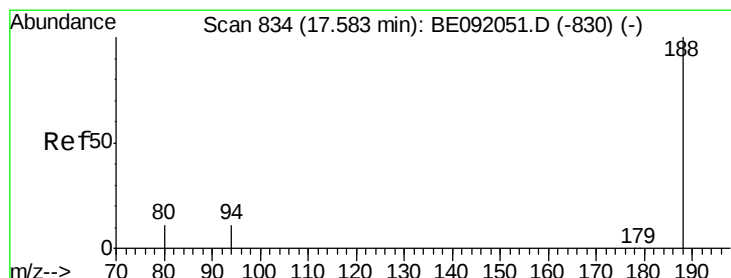
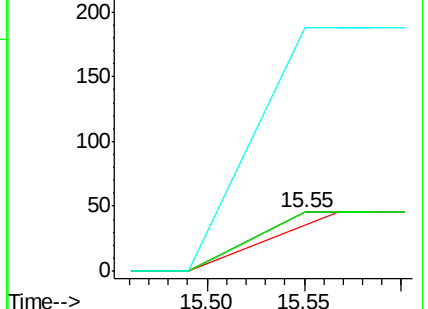
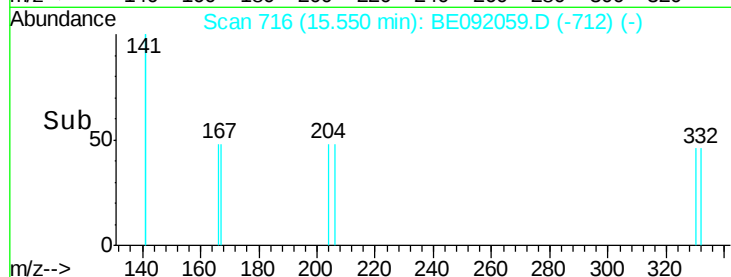


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

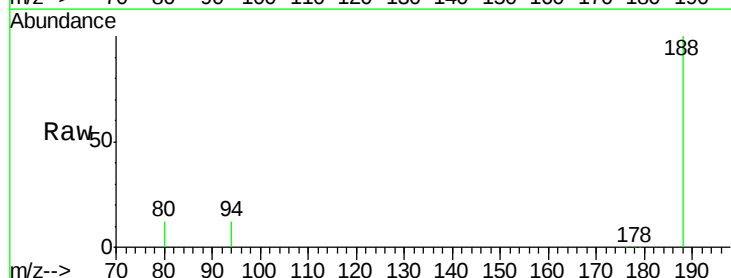
Tgt Ion:188 Resp: 86823

Ion Ratio Lower Upper

188 100

94 11.9 3.9 5.9#

80 12.2 3.4 5.0#

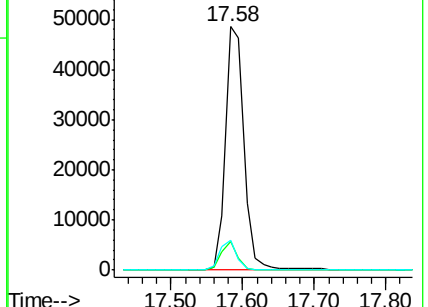
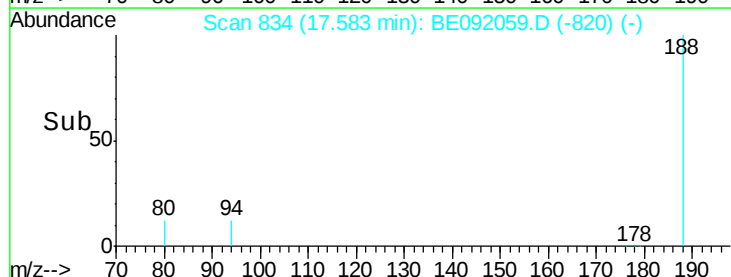


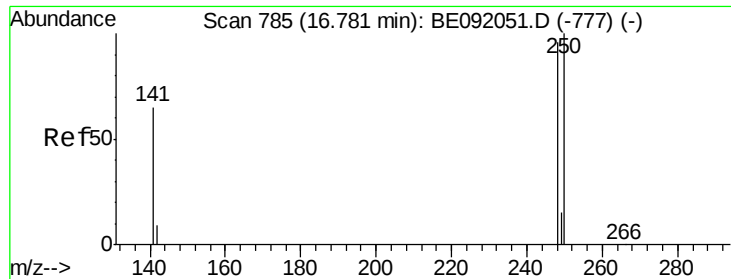
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->





#25

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

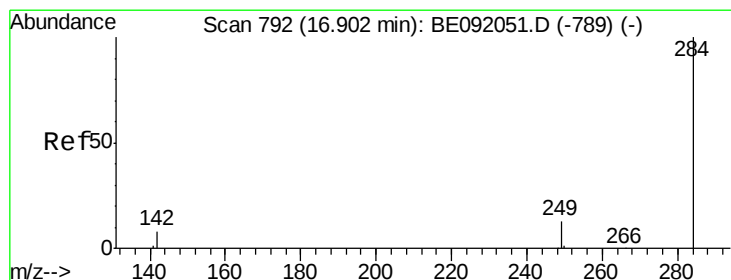
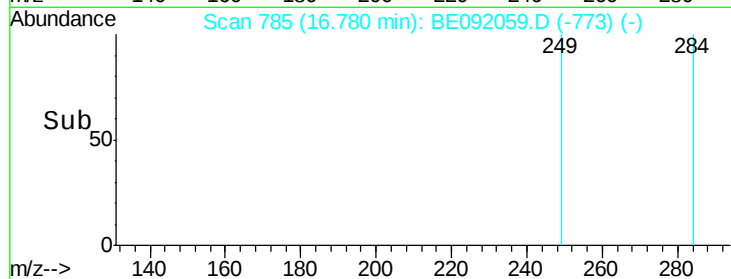
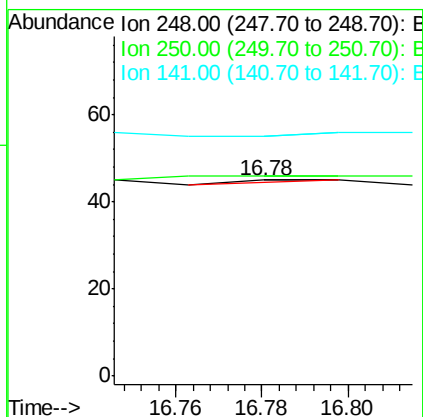
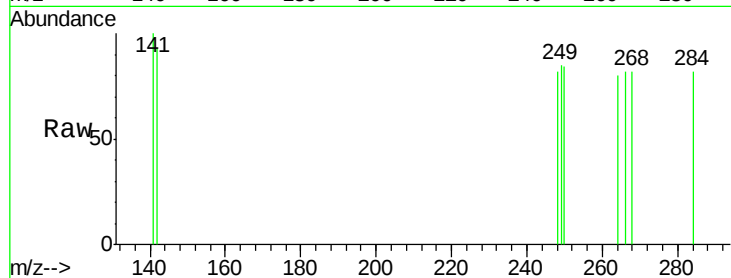
Instrument :

BNA_E

ClientSampleId :

PB92324BL

Tgt Ion:	248	Resp:	1
Ion	Ratio	Lower	Upper
248	100		
250	600.0	79.6	119.4#
141	0.0	68.7	103.1#



#26

Hexachlorobenzene

Concen: 0.00 ng

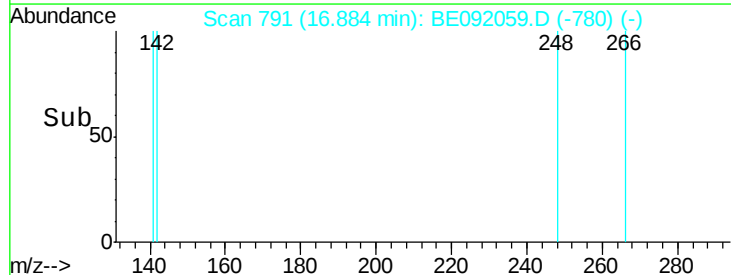
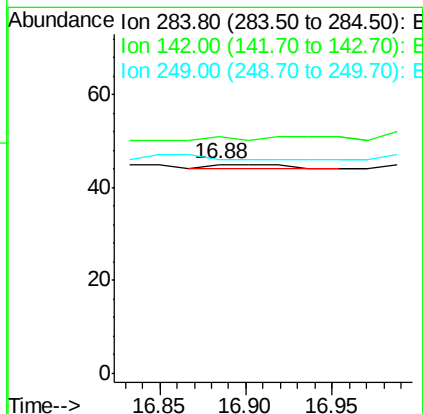
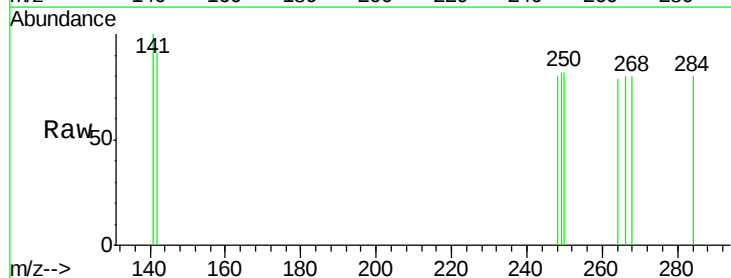
RT: 16.88 min Scan# 791

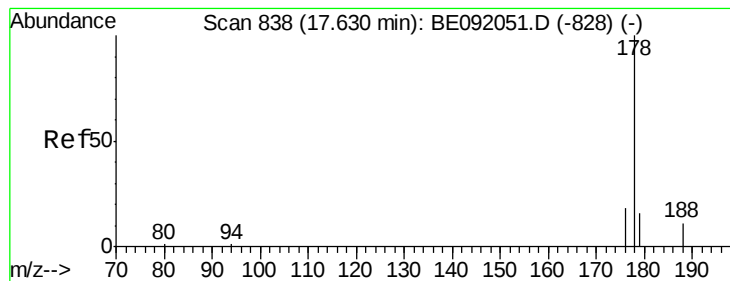
Delta R.T. -0.02 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	133.3	33.3	49.9#
249	0.0	25.4	38.0#





#28

Phenanthrene

Concen: 0.00 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

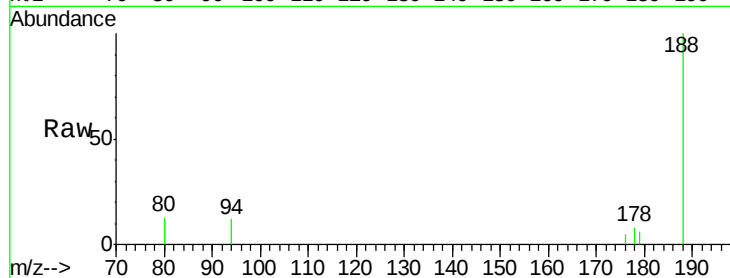
Tgt Ion:178 Resp: 49

Ion Ratio Lower Upper

178 100

176 30.6 15.4 23.0#

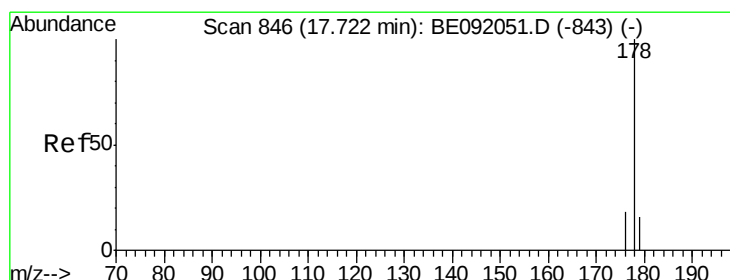
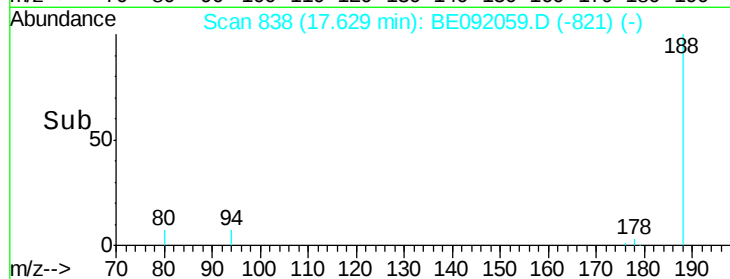
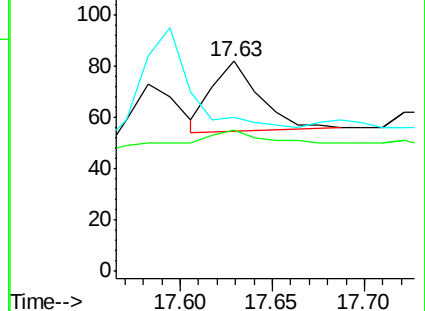
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#29

Anthracene

Concen: 0.00 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

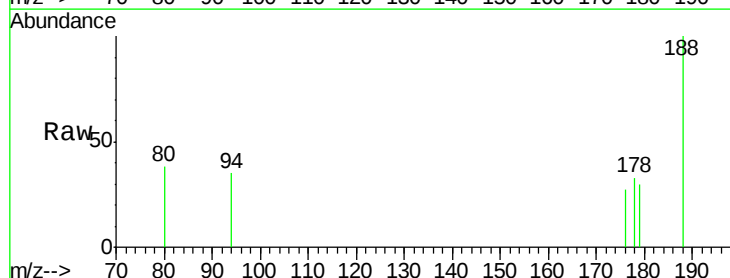
Tgt Ion:178 Resp: 27

Ion Ratio Lower Upper

178 100

176 22.2 15.2 22.8

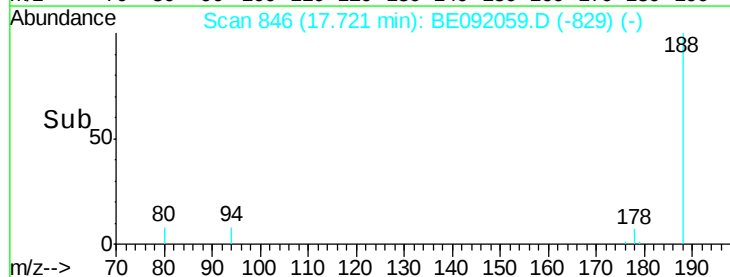
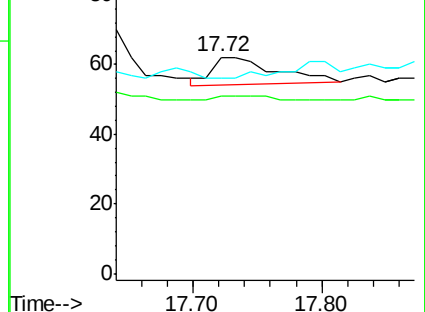
179 0.0 12.2 18.4#

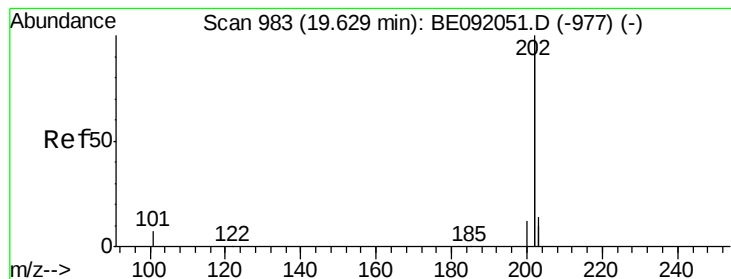


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#30

Fluoranthene

Concen: 0.01 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.02 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

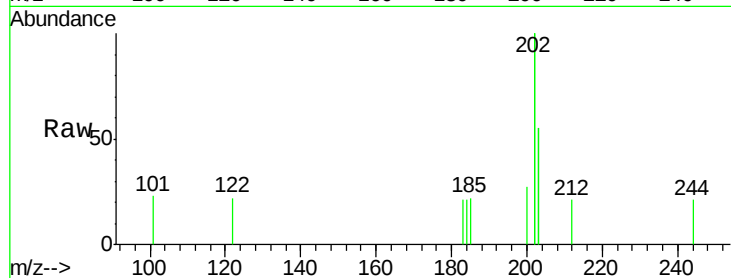
Tgt Ion:202 Resp: 546

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.2#

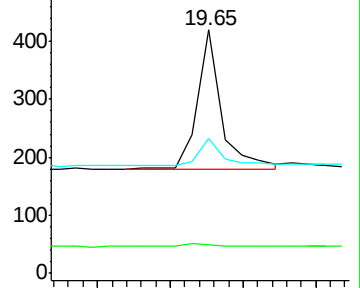
203 18.5 13.0 19.4



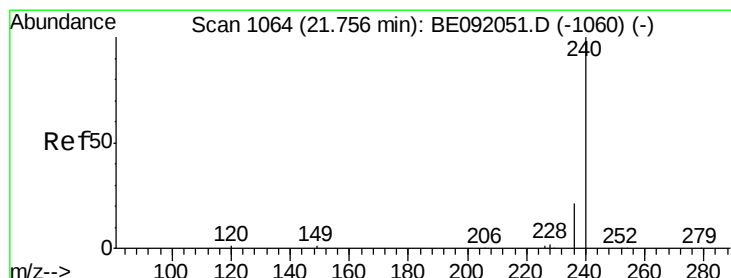
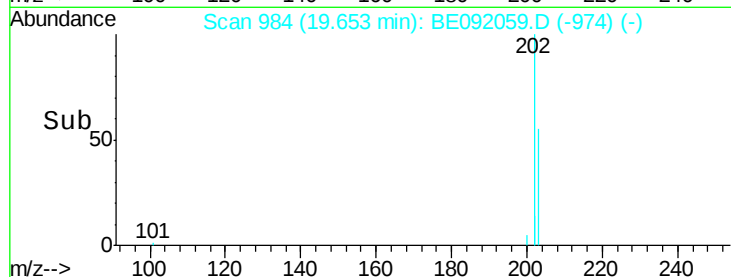
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

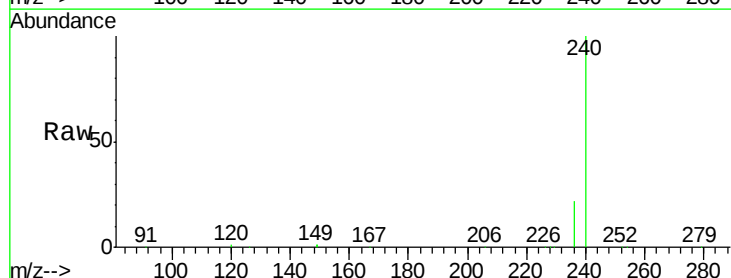
Tgt Ion:240 Resp: 86454

Ion Ratio Lower Upper

240 100

120 0.8 0.6 1.0

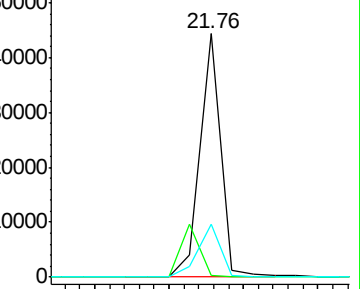
236 21.7 18.2 27.4



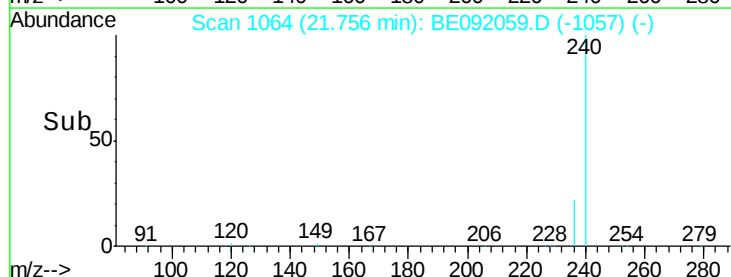
Abundance Ion 240.00 (239.70 to 240.70): E

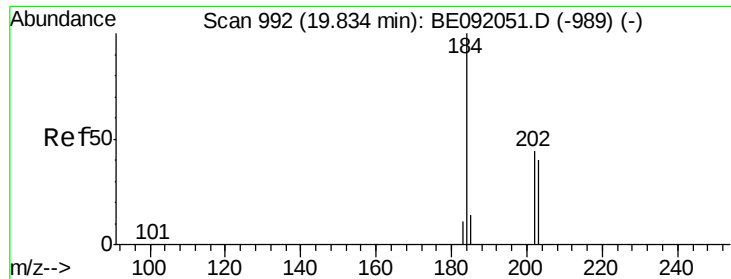
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

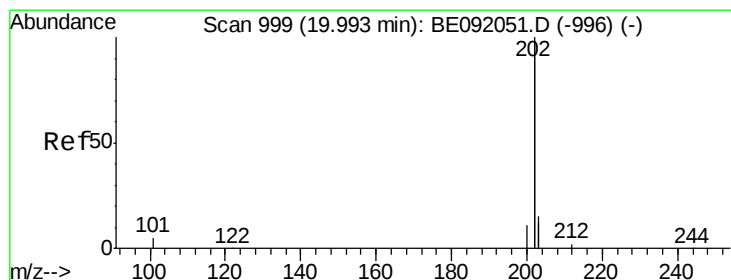
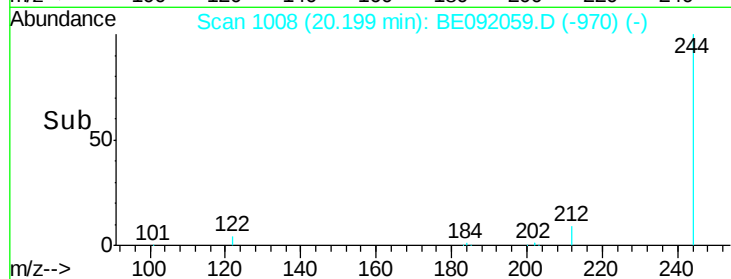
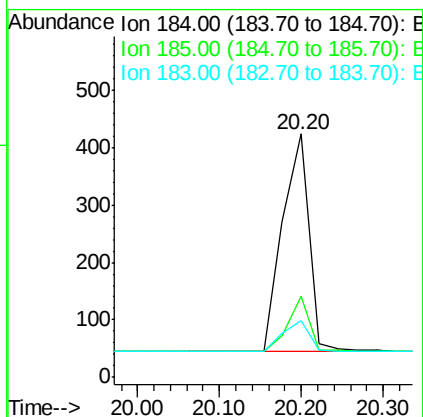
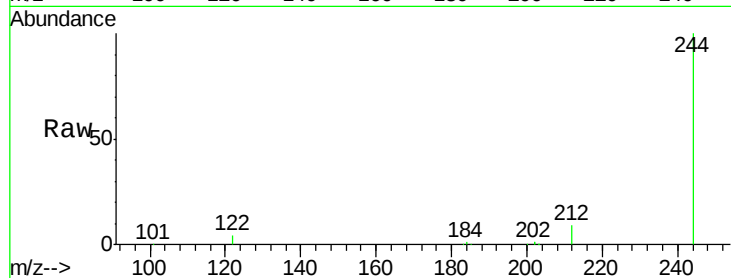




#32
Benzidine
Concen: 0.26 ng
RT: 20.20 min Scan# 1008
Delta R.T. 0.37 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

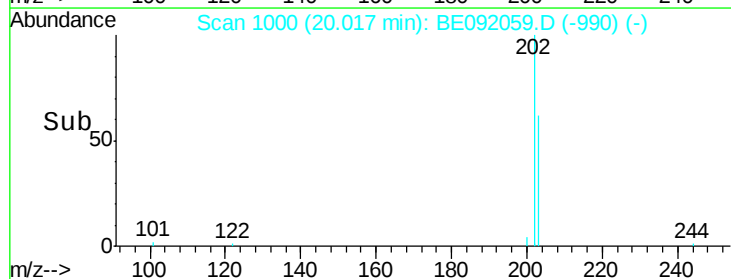
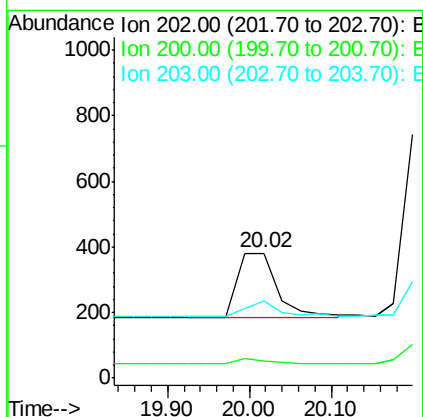
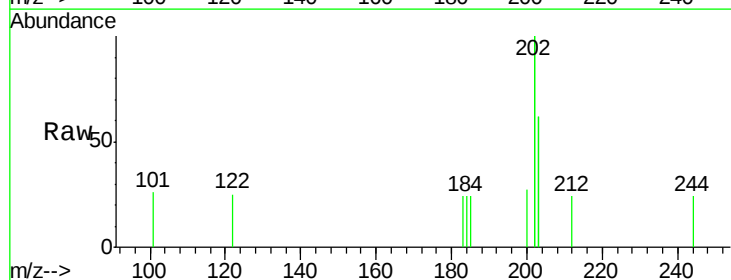
Instrument :
BNA_E
ClientSampleId :
PB92324BL

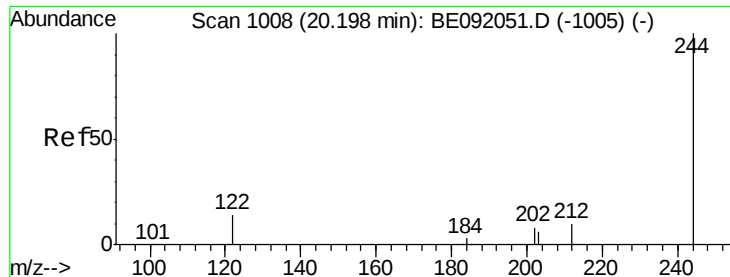
Tgt Ion:184 Resp: 853
Ion Ratio Lower Upper
184 100
185 33.0 23.8 35.6
183 23.1 20.7 31.1



#33
Pyrene
Concen: 0.01 ng
RT: 20.02 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

Tgt Ion:202 Resp: 667
Ion Ratio Lower Upper
202 100
200 0.0 4.4 6.6#
203 20.5 13.4 20.0#





#34

Terphenyl-d14

Concen: 3.57 ng

RT: 20.20 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

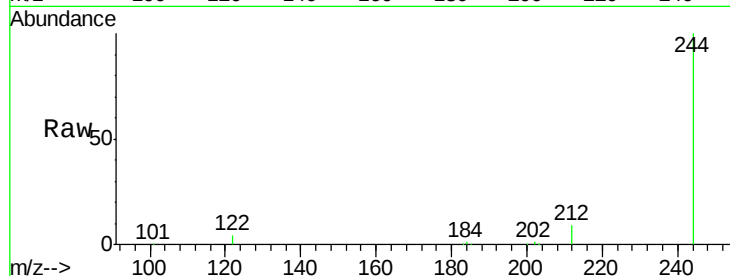
Tgt Ion:244 Resp: 57539

Ion Ratio Lower Upper

244 100

212 9.3 9.1 13.7

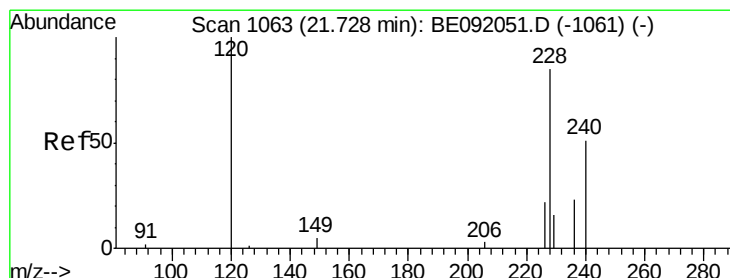
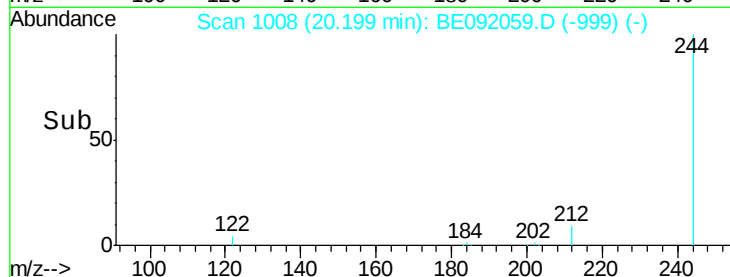
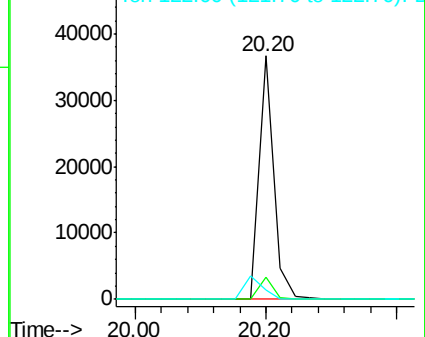
122 4.0 11.0 16.4#



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



#35

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

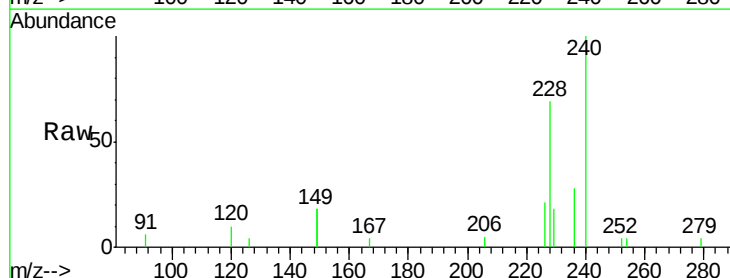
Tgt Ion:228 Resp: 2897

Ion Ratio Lower Upper

228 100

226 30.5 22.1 33.1

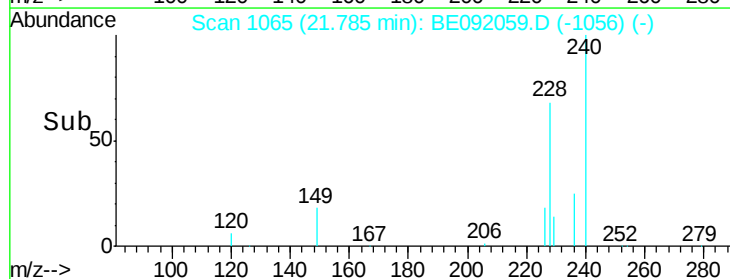
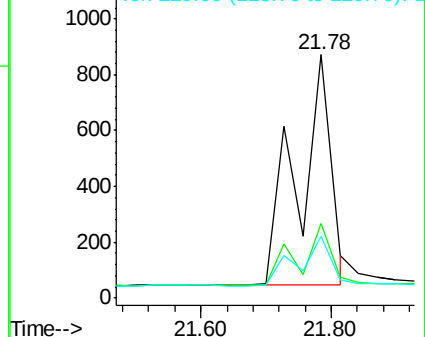
229 25.3 15.1 22.7#

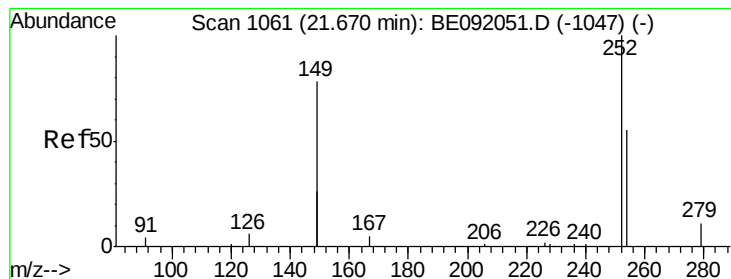


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#36

3,3'-Dichlorobenzidine

Concen: 0.26 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

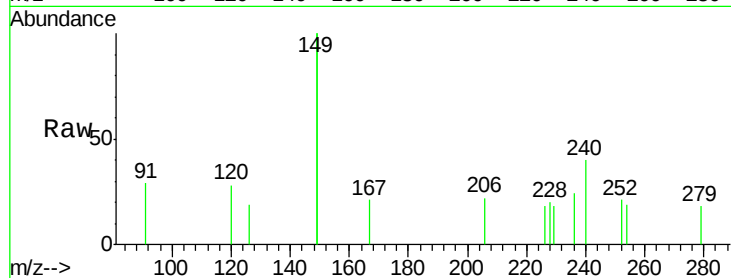
Instrument :

BNA_E

ClientSampleId :

PB92324BL

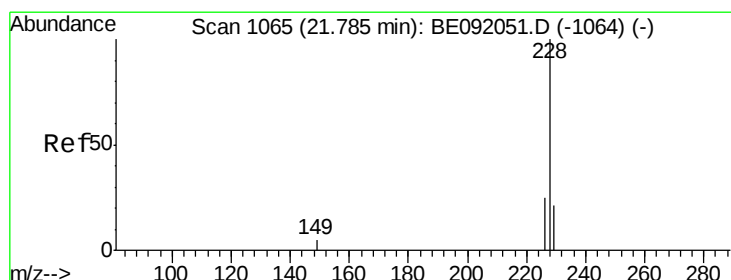
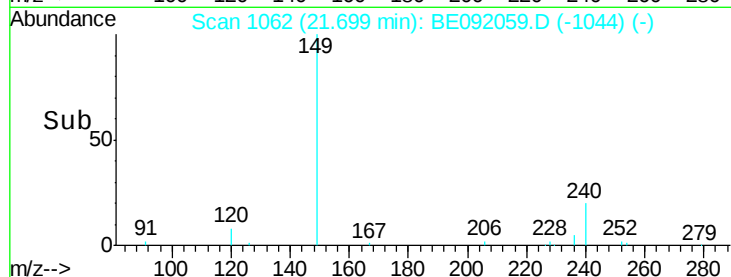
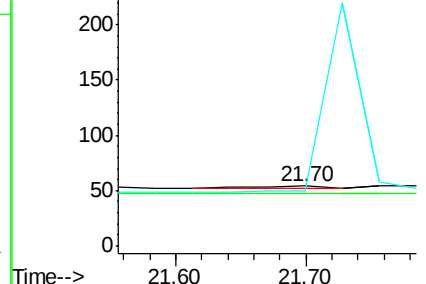
Tgt Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
254	88.9	44.2	66.2#
126	92.6	10.6	15.8#



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



#37

Chrysene

Concen: Below Cal

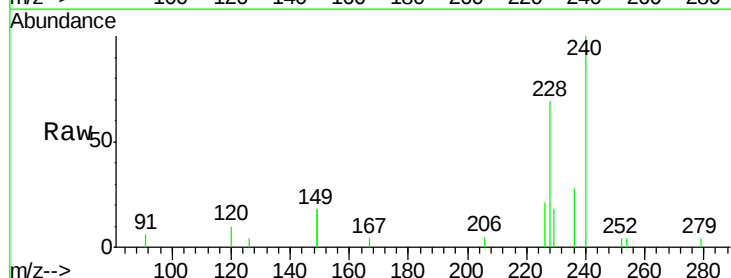
RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

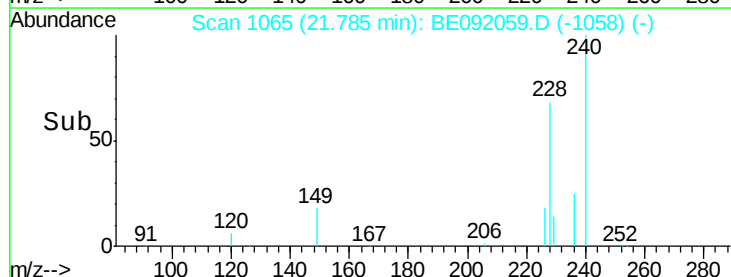
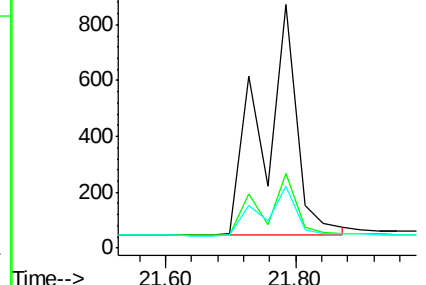
Tgt Ion:	228	Resp:	3002
Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	25.3	16.9	25.3#

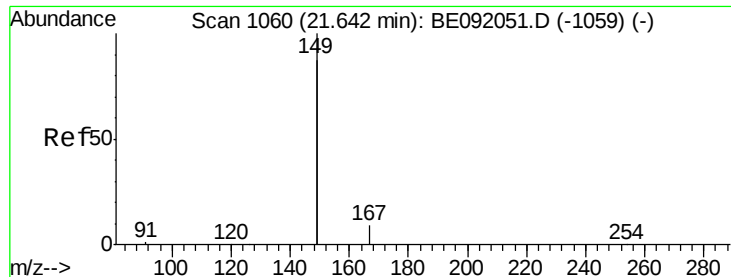


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

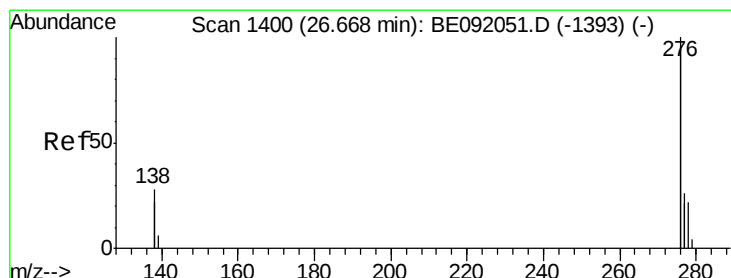
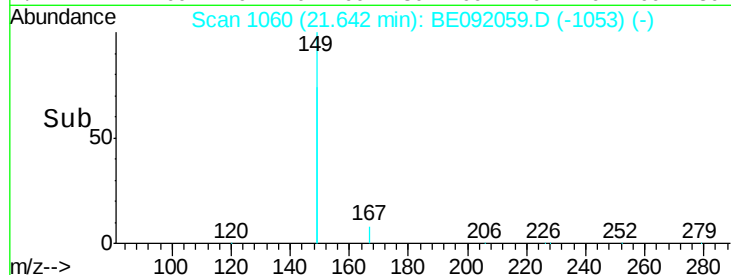
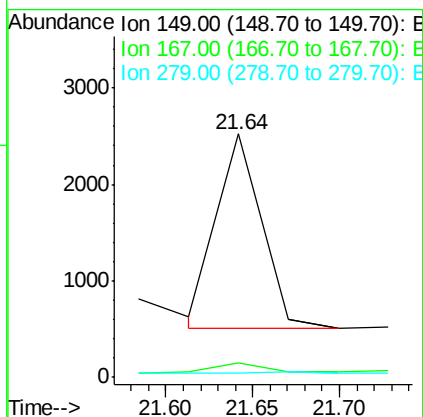
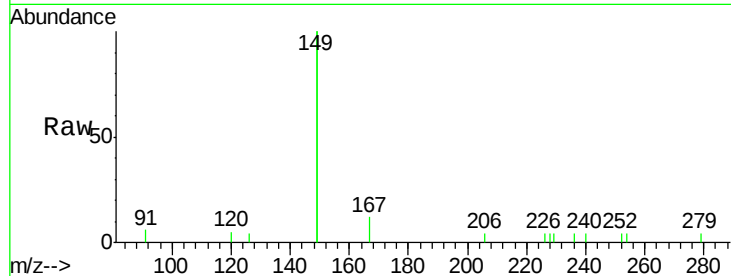




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

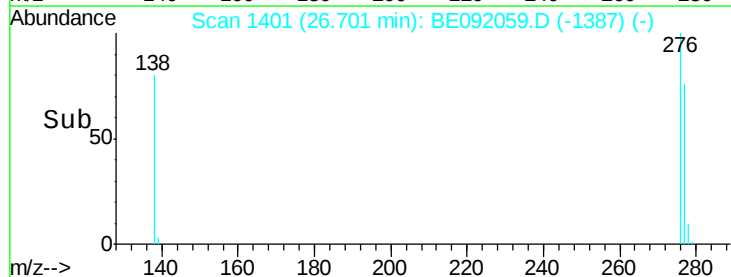
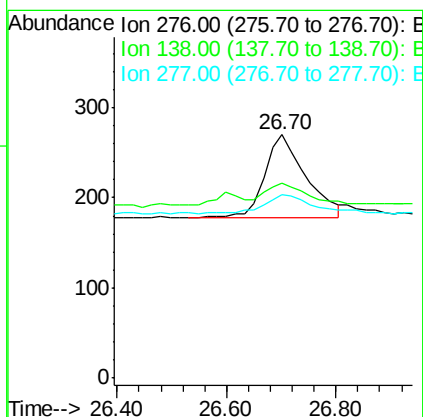
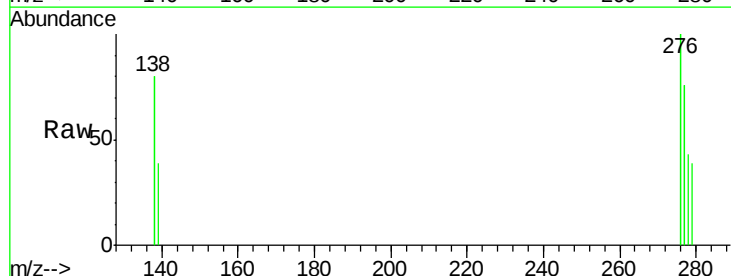
Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

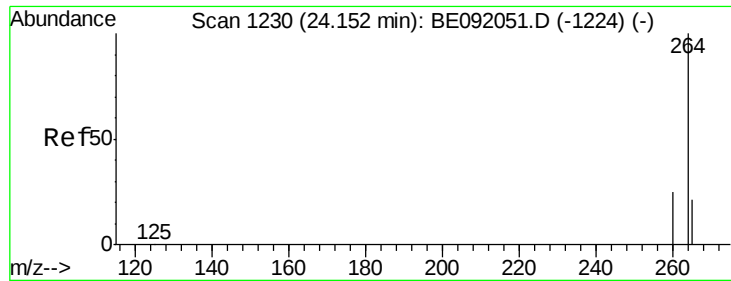
Tgt Ion:149 Resp: 3609
 Ion Ratio Lower Upper
 149 100
 167 5.3 3.8 5.6
 279 0.0 0.0 0.0



#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 26.70 min Scan# 1401
 Delta R.T. 0.03 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Tgt Ion:276 Resp: 480
 Ion Ratio Lower Upper
 276 100
 138 19.2 21.2 31.8#
 277 27.3 19.8 29.8





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampled :

PB92324BL

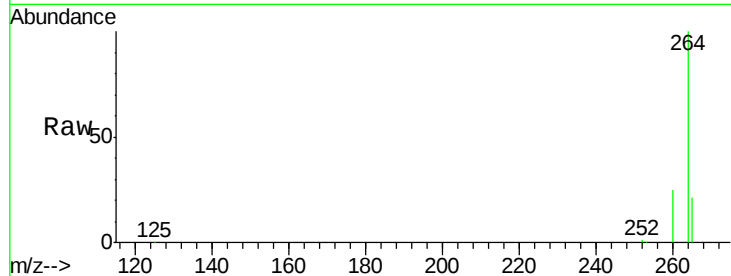
Tgt Ion:264 Resp: 93480

Ion Ratio Lower Upper

264 100

260 25.2 20.8 31.2

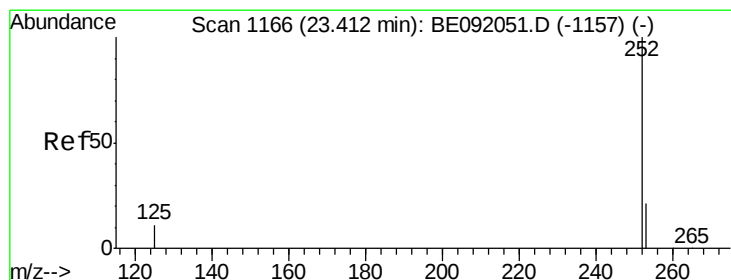
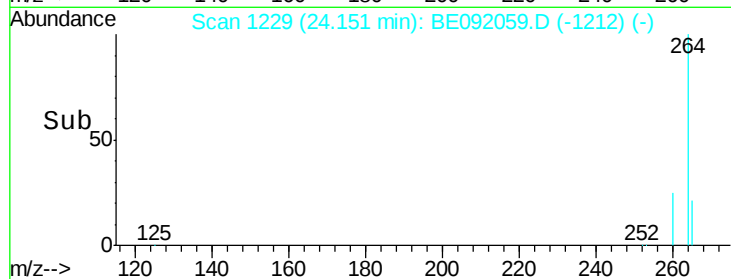
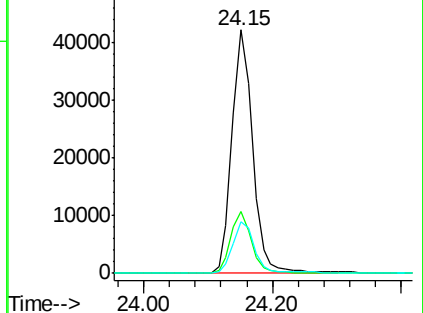
265 21.2 16.6 25.0



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



#41

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.42 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

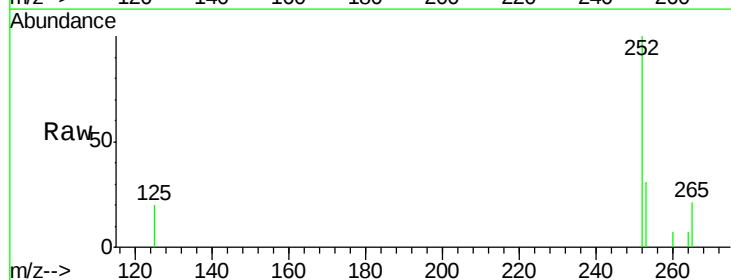
Tgt Ion:252 Resp: 1275

Ion Ratio Lower Upper

252 100

253 31.4 17.4 26.0#

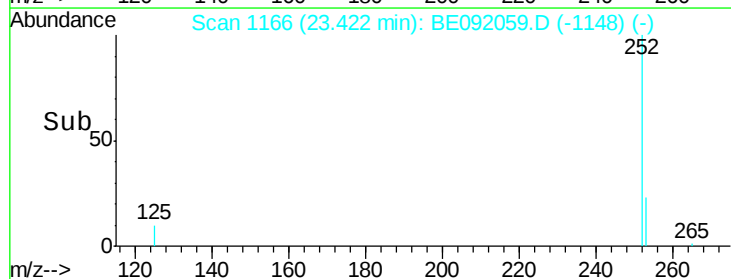
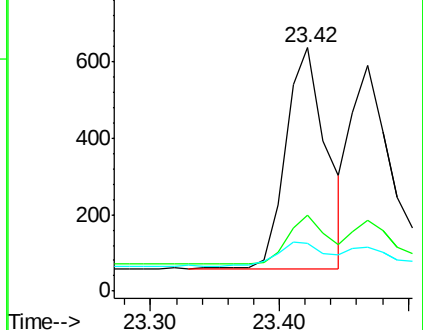
125 19.6 10.2 15.2#

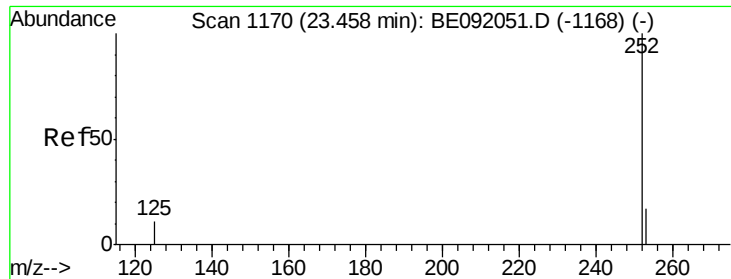


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#42

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.47 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

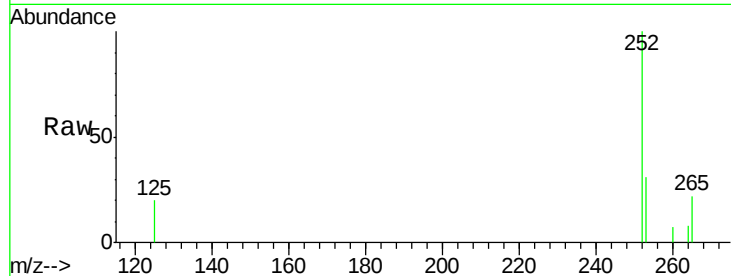
Tgt Ion: 252 Resp: 1190

Ion Ratio Lower Upper

252 100

253 31.4 19.4 29.0#

125 19.7 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.47

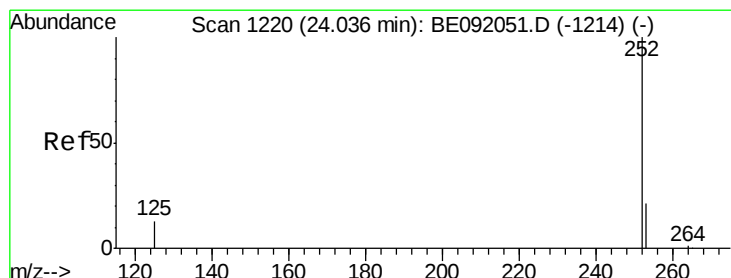
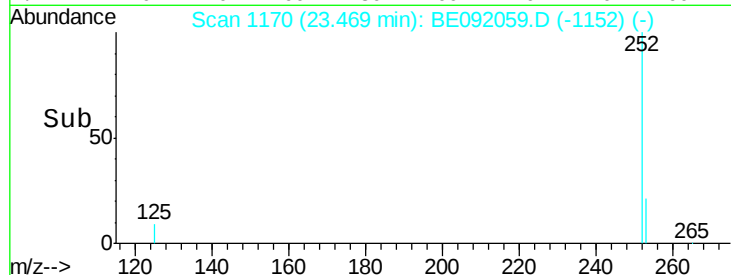
200

400

600

800

Time-->



#43

Benzo(a)pyrene

Concen: 0.02 ng

RT: 24.05 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

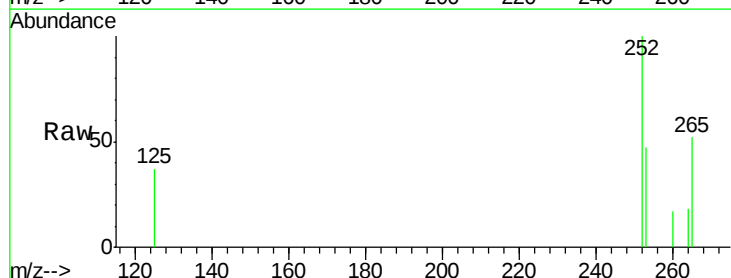
Tgt Ion: 252 Resp: 518

Ion Ratio Lower Upper

252 100

253 46.7 19.8 29.8#

125 37.4 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

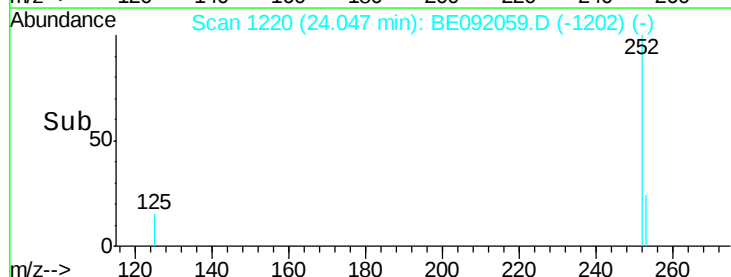
24.05

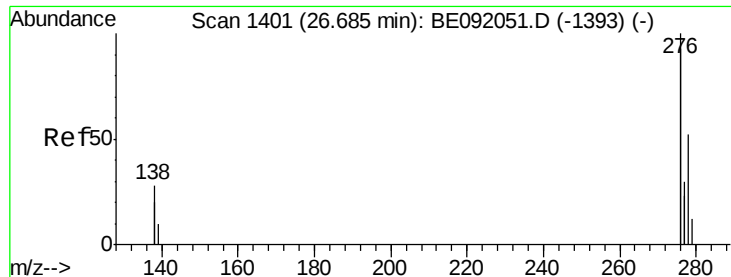
100

200

300

Time-->





#44

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.74 min Scan# 1403

Delta R.T. 0.05 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

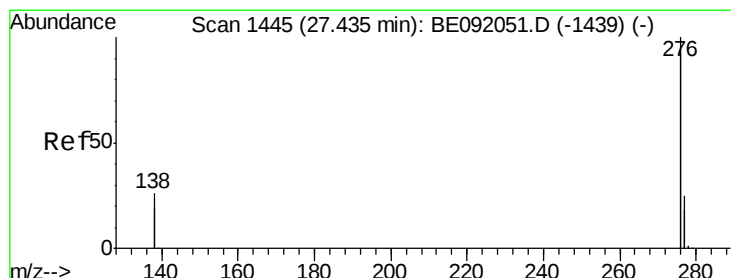
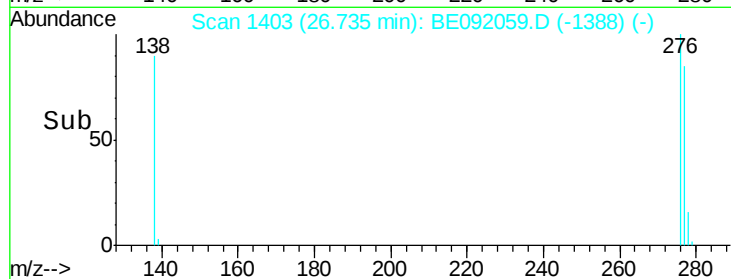
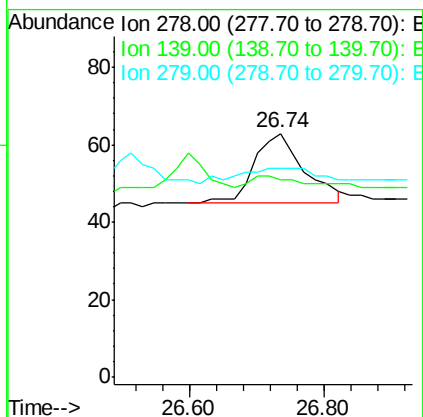
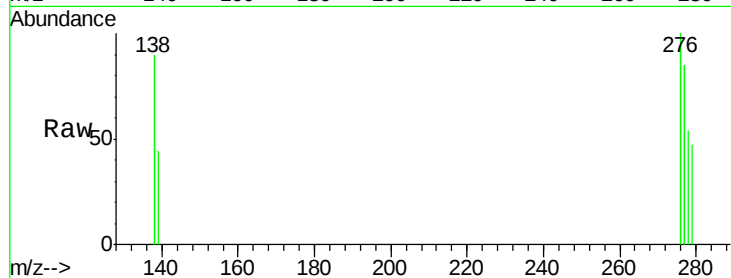
Tgt Ion: 278 Resp: 92

Ion Ratio Lower Upper

278 100

139 81.0 16.7 25.1#

279 85.7 20.3 30.5#



#45

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 27.47 min Scan# 1446

Delta R.T. 0.03 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Tgt Ion: 276 Resp: 278

Ion Ratio Lower Upper

276 100

277 84.5 19.5 29.3#

138 87.9 20.8 31.2#

