

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072716\
 Data File : BE092053.D
 Acq On : 27 Jul 2016 12:38
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jul 27 13:41:21 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 12:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9516	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	44051	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	19979	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	61904	5.00	ng	0.00
31) Chrysene-d12	21.76	240	62393	5.00	ng	0.00
40) Perylene-d12	24.15	264	65196	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	3235	1.61	ng	0.00
5) Phenol-d6	7.35	99	4367	1.54	ng	0.00
9) Nitrobenzene-d5	9.35	82	4837	1.34	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	1193	1.90	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	12525	1.49	ng	0.00
34) Terphenyl-d14	20.20	244	17075	1.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	1986	1.30	ng	91
3) n-Nitrosodimethylamine	3.80	42	2712	1.84	ng	# 88
6) bis(2-Chloroethyl)ether	7.61	93	4432	1.70	ng	94
7) n-Nitroso-di-n-propylamine	9.00	70	3682	1.76	ng	98
10) Nitrobenzene	9.40	77	5304	1.88	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	6296	1.95	ng	94
12) Naphthalene	11.04	128	14786	1.43	ng	96
13) Hexachlorobutadiene	11.32	225	2279	1.46	ng	# 99
14) 2-Methylnaphthalene	12.66	142	9991	1.58	ng	97
18) Acenaphthylene	14.56	152	84495	1.72	ng	99
19) 2,6-Dinitrotoluene	14.44	165	9910	2.09	ng	# 100
20) Acenaphthene	14.92	154	8139	1.38	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	12283	3.03	ng	# 1
22) Fluorene	15.90	166	13882	1.59	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	6807	1.52	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	3982	1.49	ng	99
26) Hexachlorobenzene	16.90	284	4095	1.47	ng	98
27) Pentachlorophenol	17.25	266	1026	2.48	ng	# 86
28) Phenanthrene	17.63	178	24449	1.45	ng	100
29) Anthracene	17.72	178	22552	1.58	ng	100
30) Fluoranthene	19.63	202	112523	1.56	ng	99
32) Benzidine	19.81	184	5041	2.42	ng	# 75
33) Pyrene	19.99	202	128406	1.72	ng	99
35) Benzo(a)anthracene	21.73	228	71586	1.86	ng	97
36) 3,3'-Dichlorobenzidine	21.67	252	9107	2.76	ng	# 93
37) Chrysene	21.73	228	72179	1.68	ng	97
38) Bis(2-ethylhexyl)phthalate	21.64	149	86428	1.12	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.65	276	115098	1.71	ng	99
41) Benzo(b)fluoranthene	23.41	252	28438	0.91	ng	97
42) Benzo(k)fluoranthene	23.46	252	28891	0.97	ng	96
43) Benzo(a)pyrene	24.04	252	25208	1.22	ng	95
44) Dibenzo(a,h)anthracene	26.68	278	23637	1.68	ng	# 94
45) Benzo(g,h,i)perylene	27.43	276	96519	1.60	ng	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

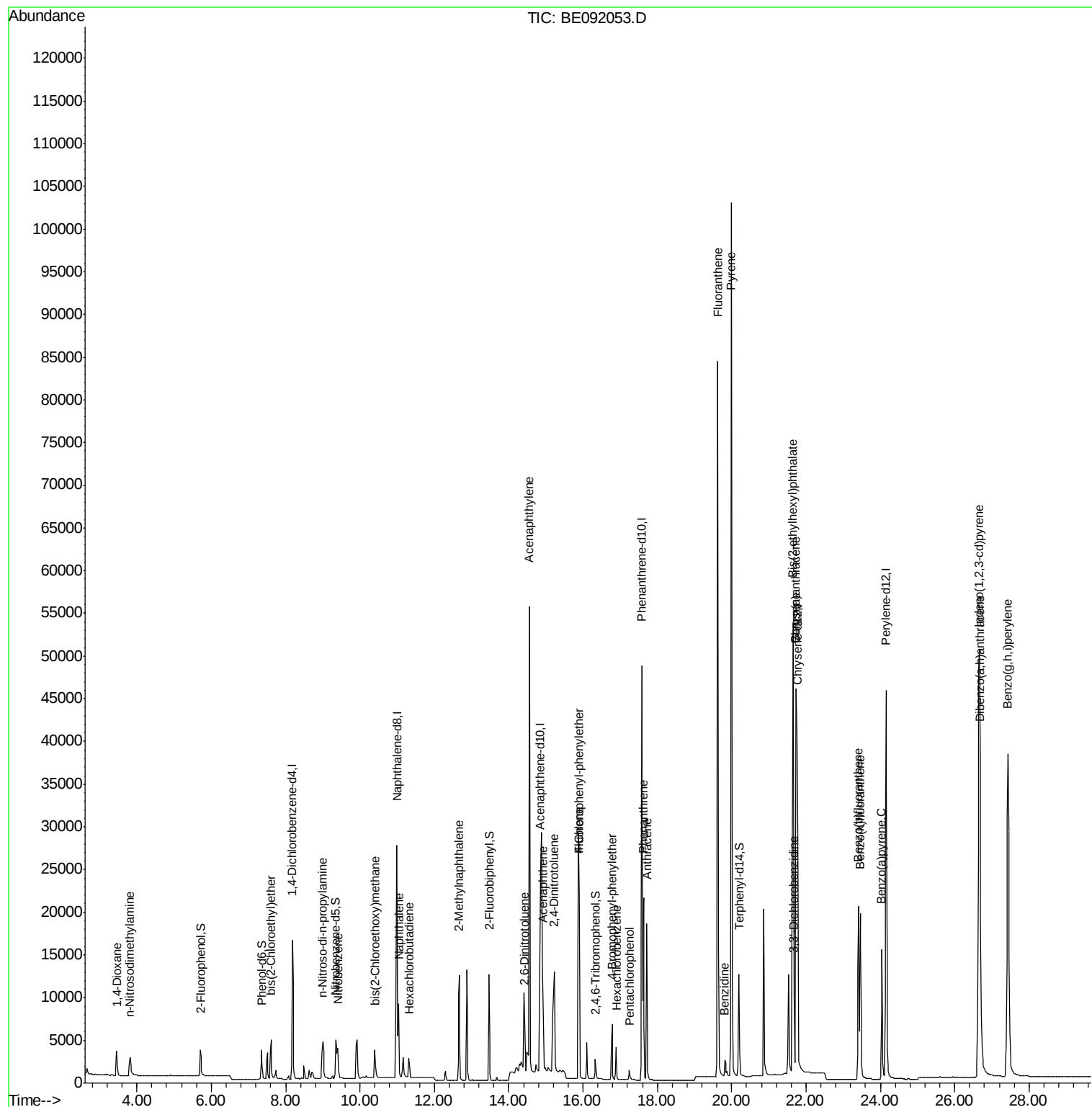
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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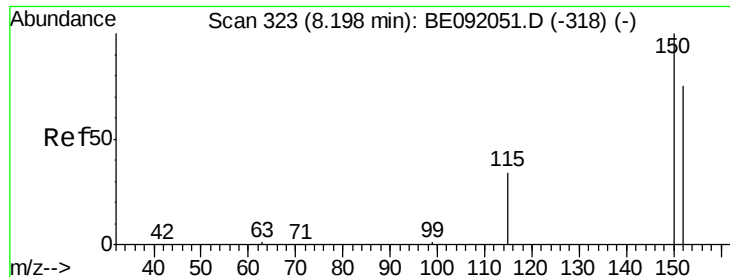
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

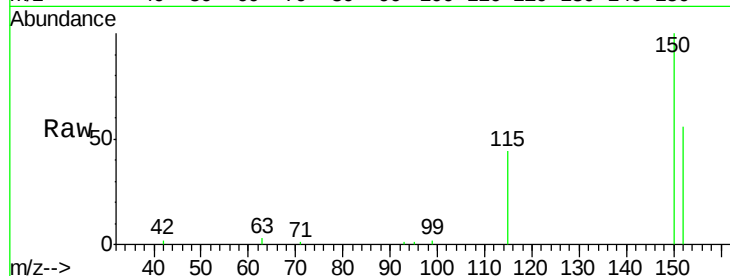
Tgt Ion:152 Resp: 9516

Ion Ratio Lower Upper

152 100

150 180.0 106.0 159.0#

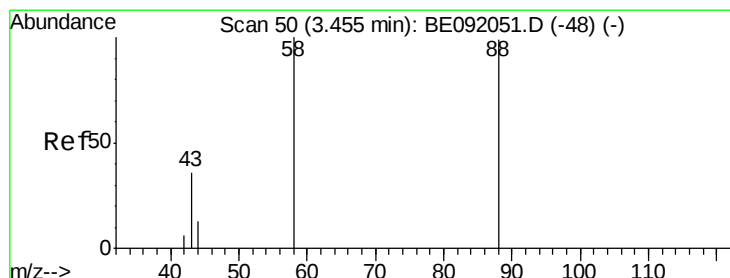
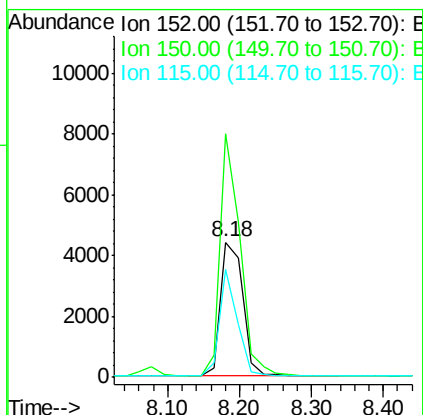
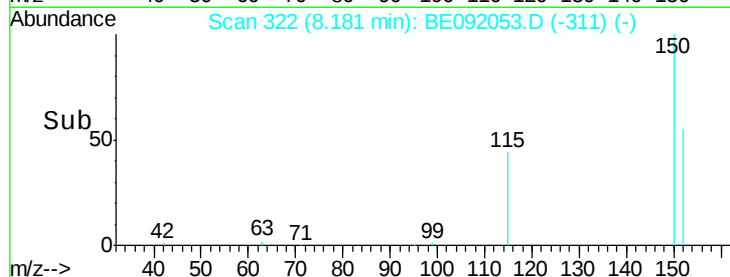
115 79.9 36.9 55.3#



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



#2

1,4-Dioxane

Concen: 1.30 ng

RT: 3.45 min Scan# 50

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

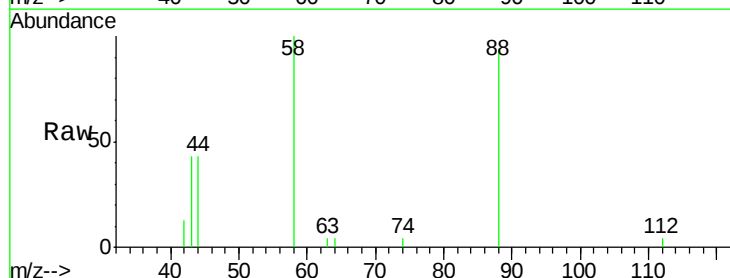
Tgt Ion: 88 Resp: 1986

Ion Ratio Lower Upper

88 100

58 86.5 62.1 93.1

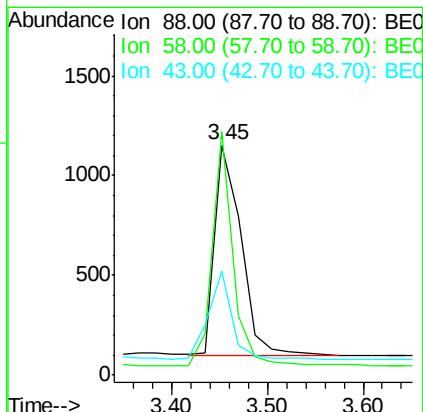
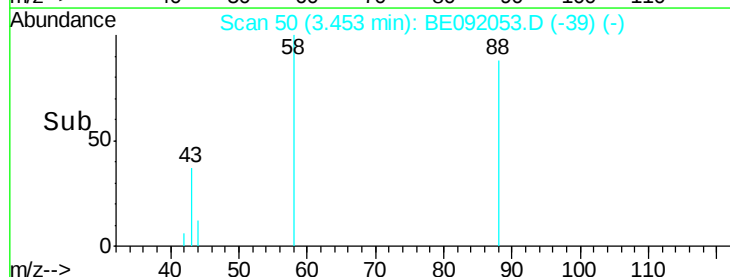
43 37.1 27.2 40.8

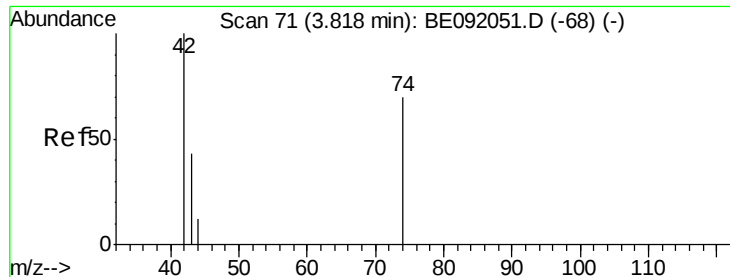


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.84 ng

RT: 3.80 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

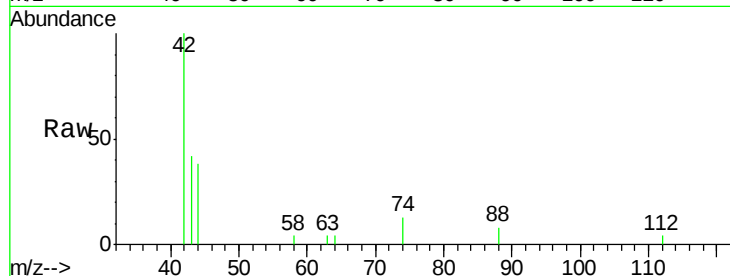
Tgt Ion: 42 Resp: 2712

Ion Ratio Lower Upper

42 100

74 91.2 82.8 124.2

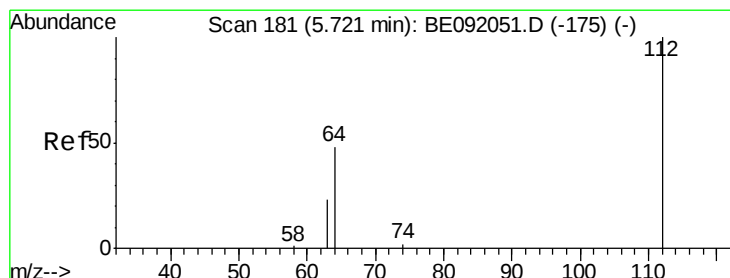
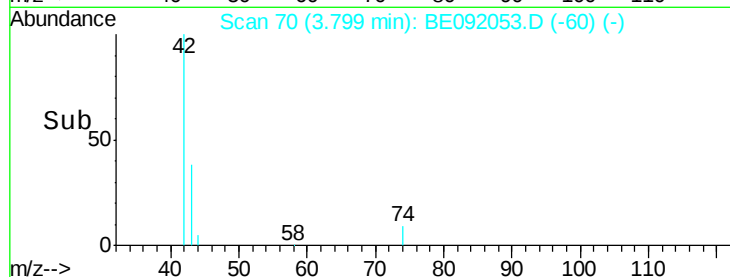
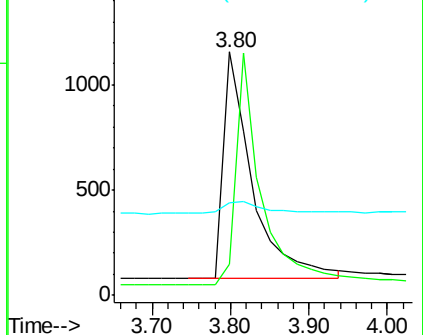
44 7.2 9.0 13.4#



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: 1.61 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

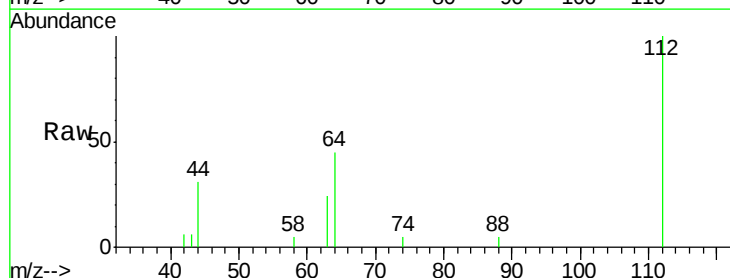
Tgt Ion: 112 Resp: 3235

Ion Ratio Lower Upper

112 100

64 68.7 55.9 83.9

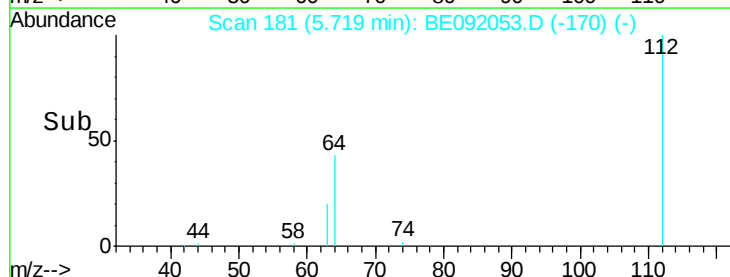
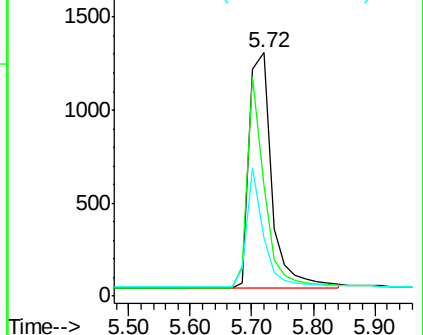
63 37.8 31.1 46.7

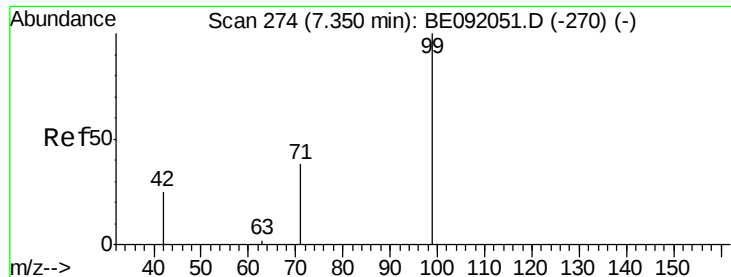


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.54 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

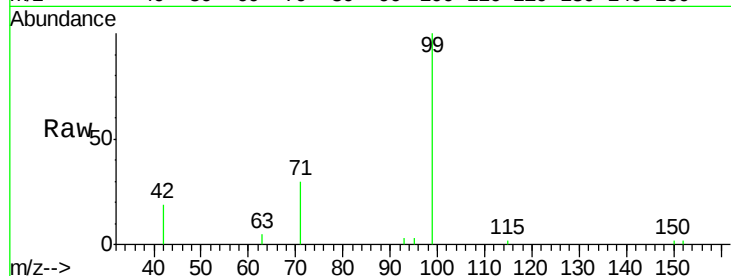
Tgt Ion: 99 Resp: 4367

Ion Ratio Lower Upper

99 100

42 27.4 22.4 33.6

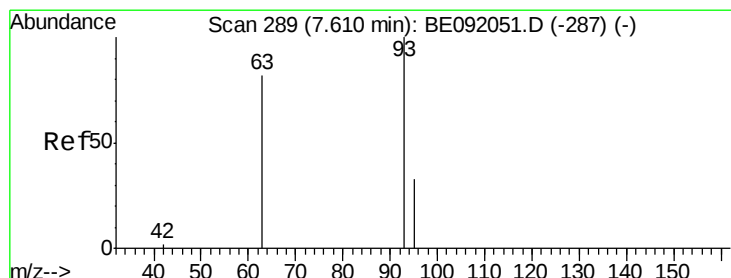
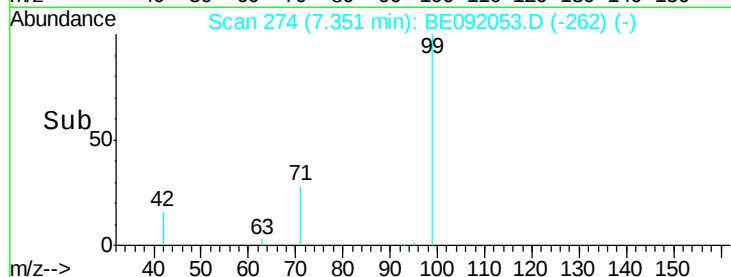
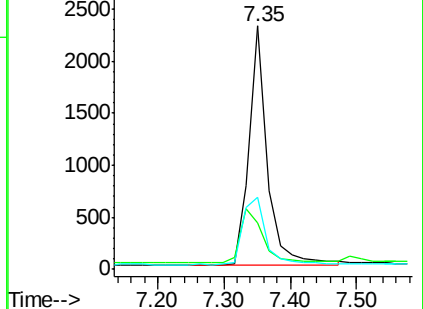
71 35.3 28.9 43.3



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: 1.70 ng

RT: 7.61 min Scan# 289

Delta R.T. 0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

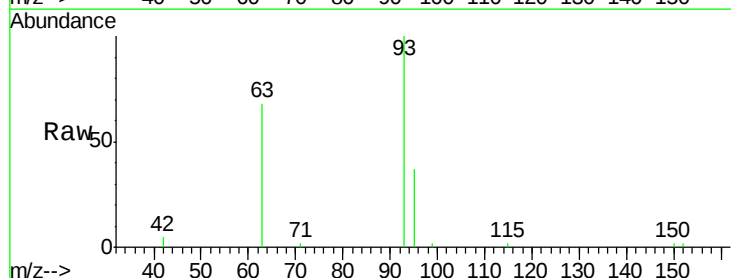
Tgt Ion: 93 Resp: 4432

Ion Ratio Lower Upper

93 100

63 87.5 64.4 96.6

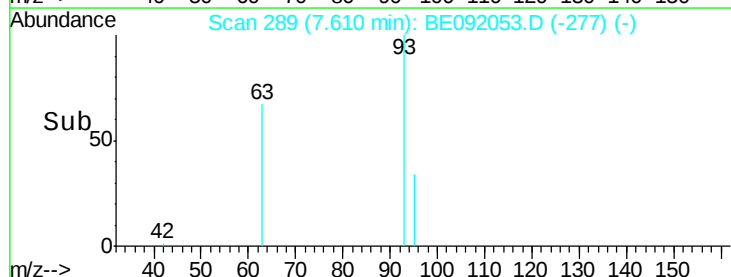
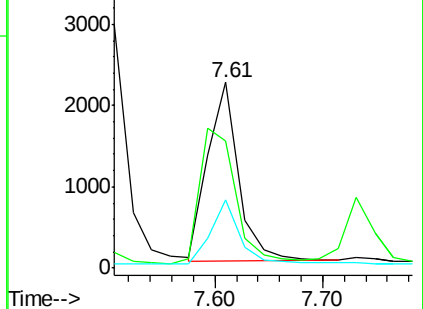
95 33.9 25.8 38.8

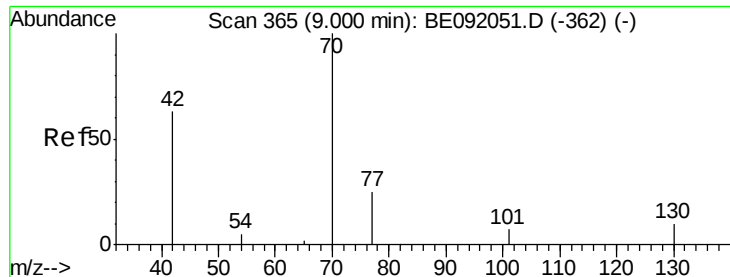


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 1.76 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion: 70 Resp: 3682

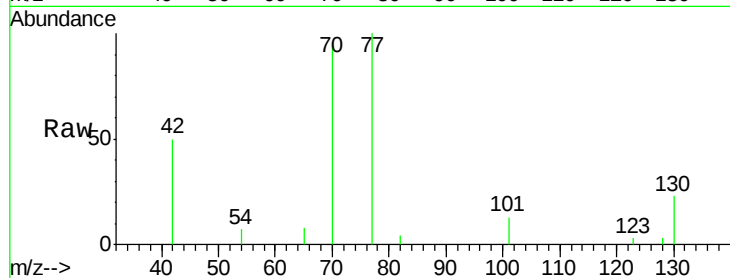
Ion Ratio Lower Upper

70 100

42 76.9 60.2 90.4

101 8.0 6.8 10.2

130 16.0 13.3 19.9

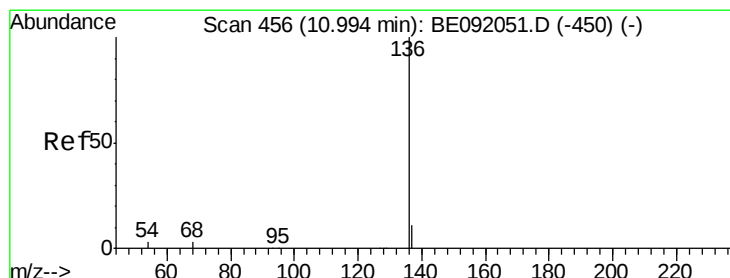
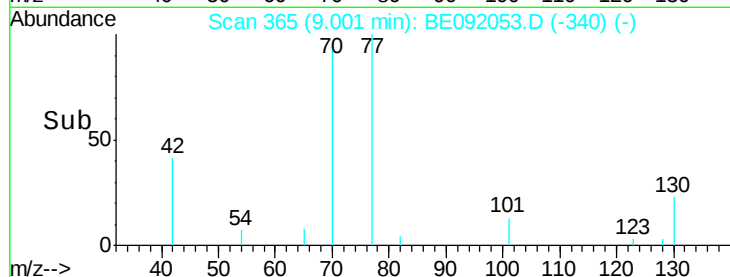
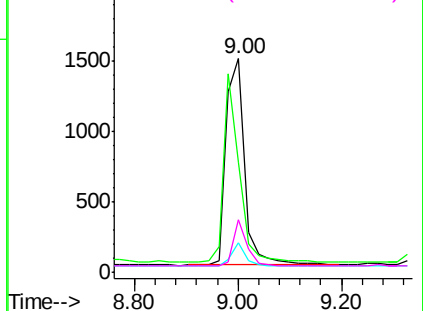


Abundance Ion 70.00 (69.70 to 70.70): BE0

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: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion: 136 Resp: 44051

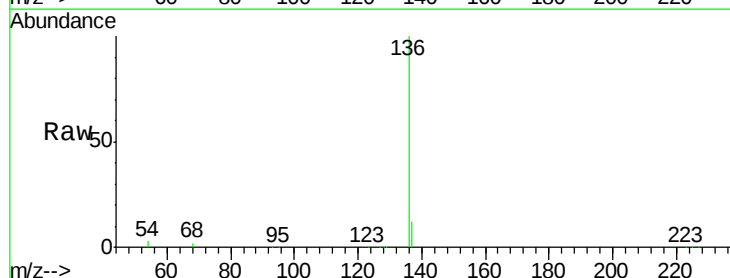
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 2.8 2.7 4.1

68 2.3 2.2 3.4

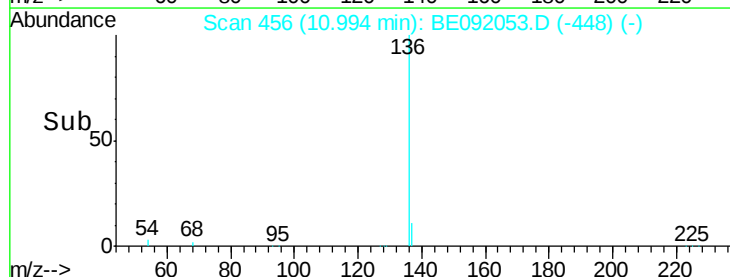
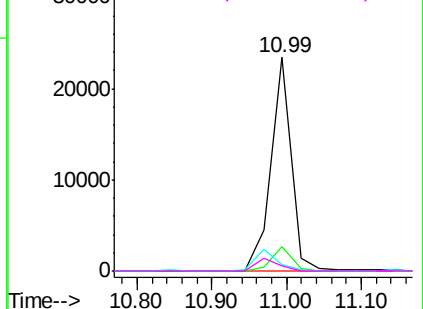


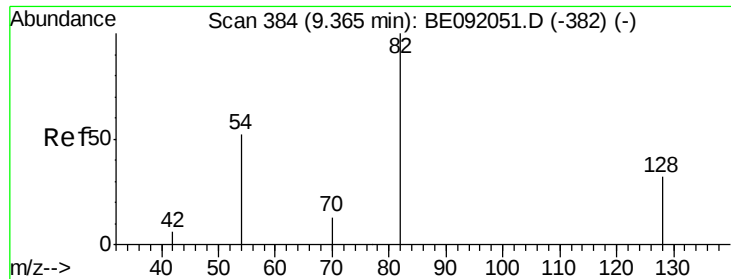
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 1.34 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

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ClientSampleId :

SSTDICC1.6

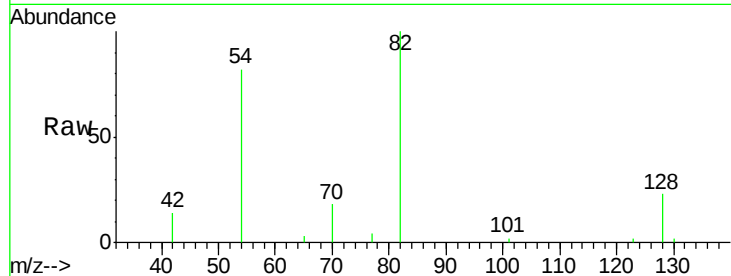
Tgt Ion: 82 Resp: 4837

Ion Ratio Lower Upper

82 100

128 22.7 33.0 49.4#

54 82.4 42.6 63.8#

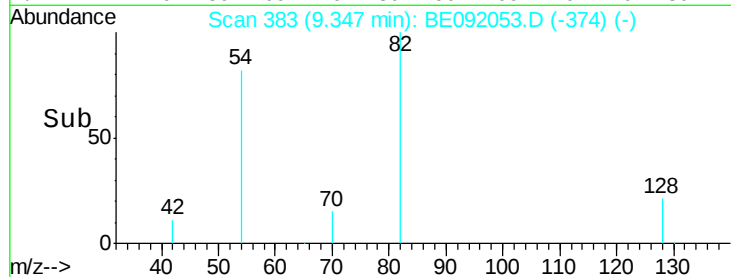


Abundance Ion 82.00 (81.70 to 82.70): BE0

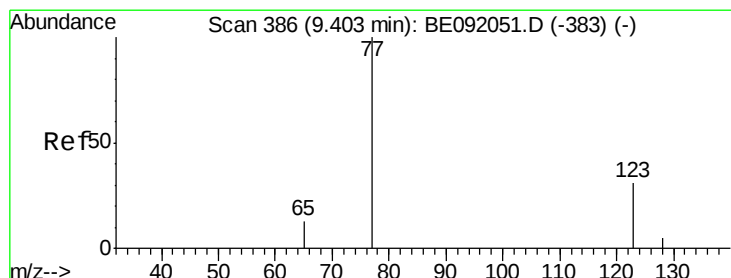
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#10

Nitrobenzene

Concen: 1.88 ng

RT: 9.40 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

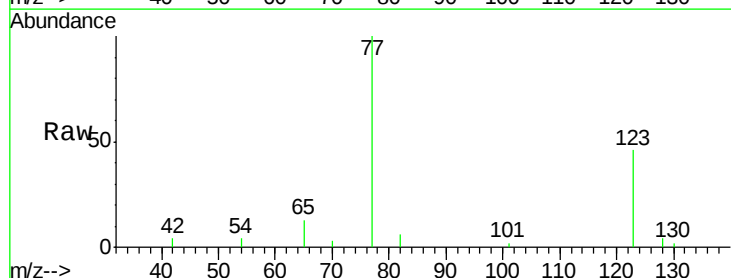
Tgt Ion: 77 Resp: 5304

Ion Ratio Lower Upper

77 100

123 36.9 29.9 44.9

65 14.0 11.4 17.0

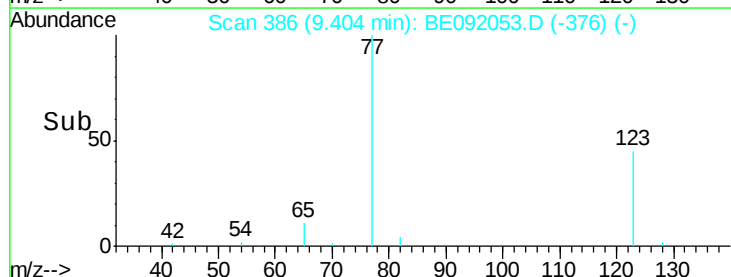


Abundance Ion 77.00 (76.70 to 77.70): BE0

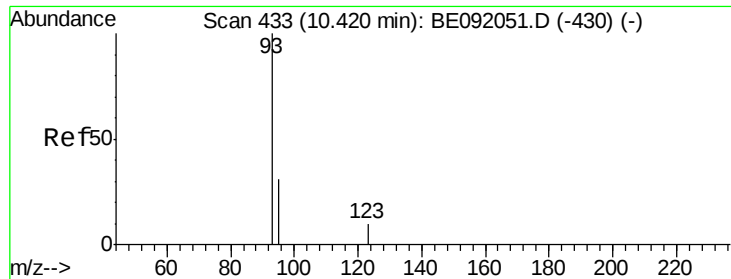
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



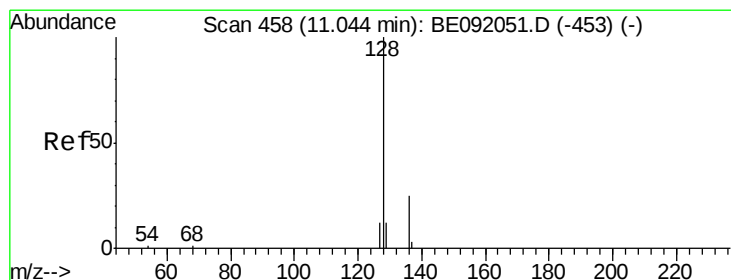
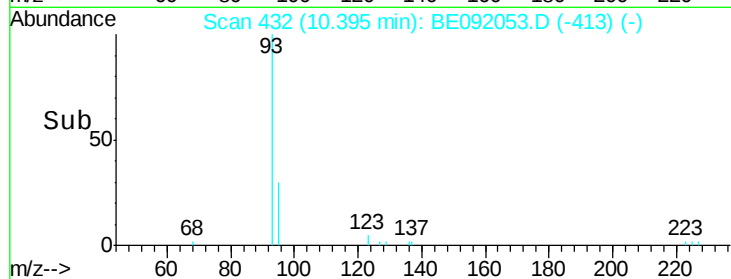
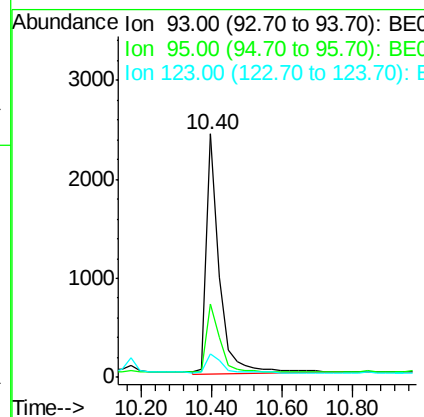
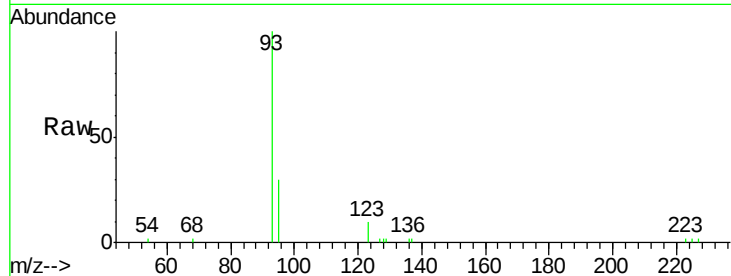
Time-->



#11
bis(2-Chloroethoxy)methane
Concen: 1.95 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.03 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

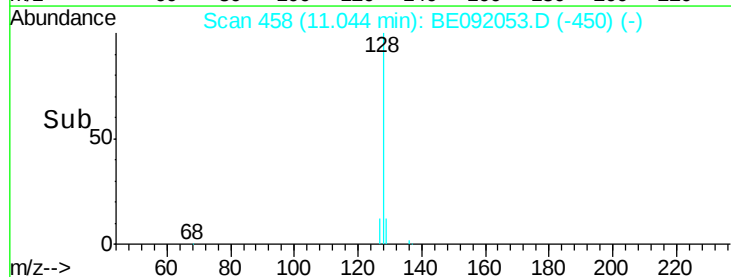
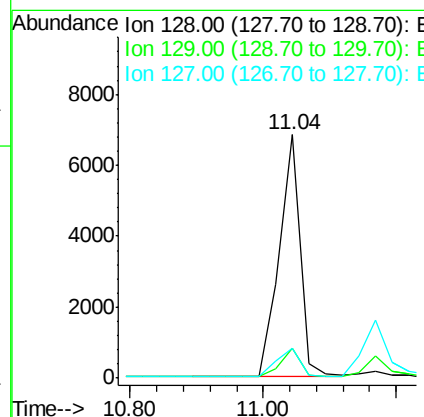
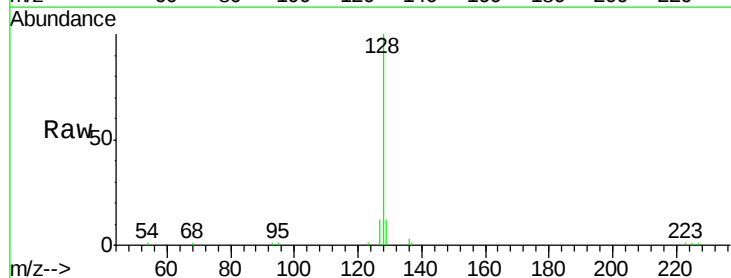
Instrument :
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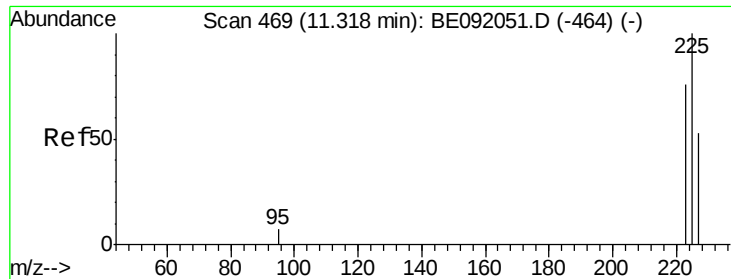
Tgt Ion: 93 Resp: 6296
Ion Ratio Lower Upper
93 100
95 35.8 25.0 37.6
123 9.4 7.8 11.8



#12
Naphthalene
Concen: 1.43 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 128 Resp: 14786
Ion Ratio Lower Upper
128 100
129 12.4 11.1 16.7
127 12.1 11.3 16.9

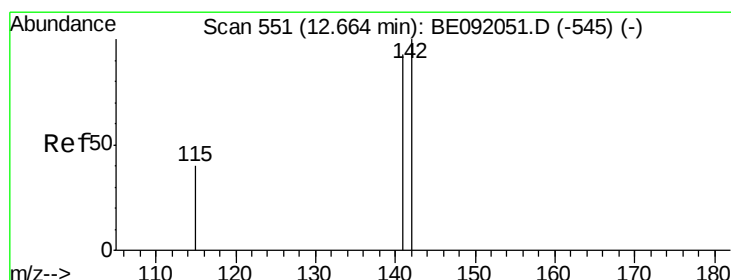
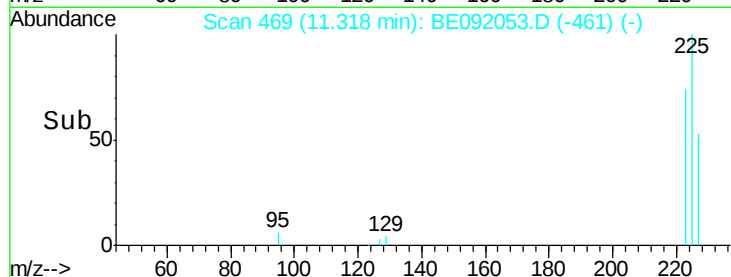
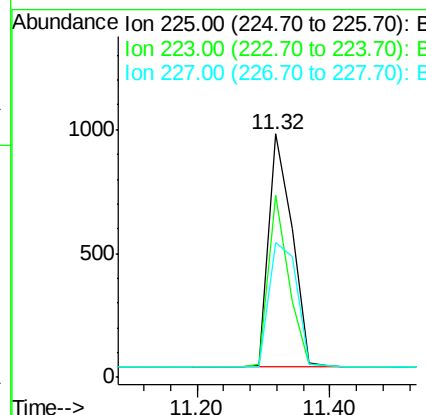
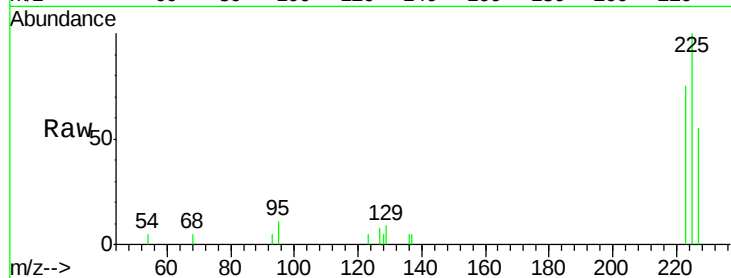




#13
Hexachlorobutadiene
Concen: 1.46 ng
RT: 11.32 min Scan# 469
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

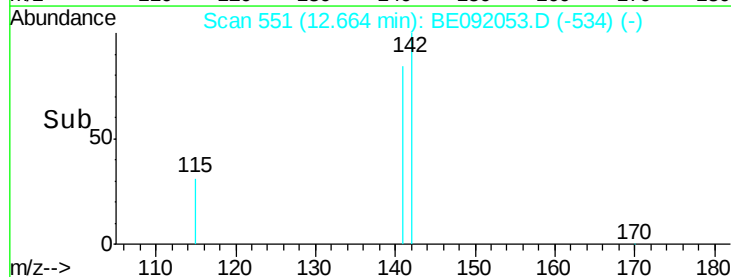
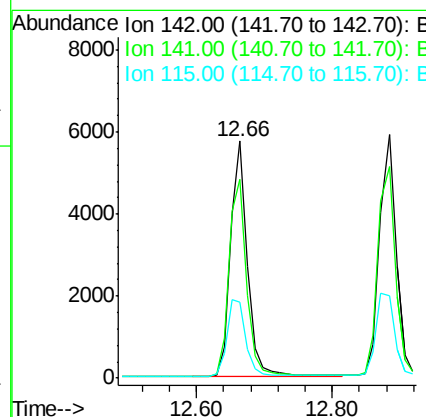
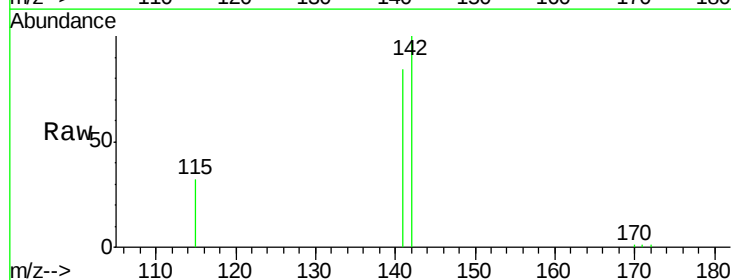
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

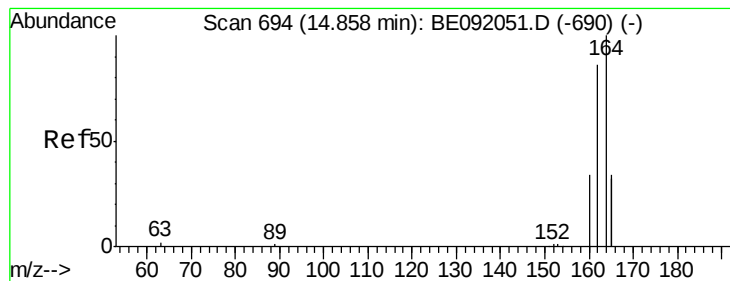
Tgt Ion: 225 Resp: 2279
Ion Ratio Lower Upper
225 100
223 63.8 51.9 77.9
227 63.2 0.0 0.0#



#14
2-Methylnaphthalene
Concen: 1.58 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 142 Resp: 9991
Ion Ratio Lower Upper
142 100
141 83.8 65.1 97.7
115 32.1 27.0 40.4





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

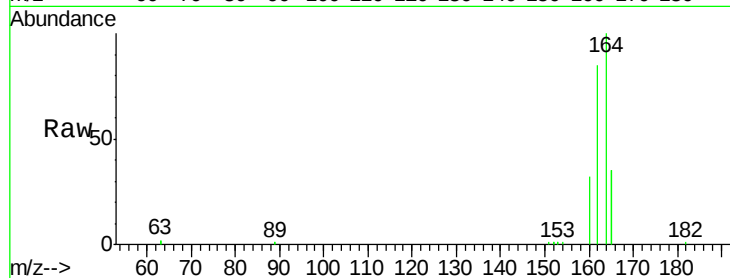
Tgt Ion:164 Resp: 19979

Ion Ratio Lower Upper

164 100

162 85.1 69.5 104.3

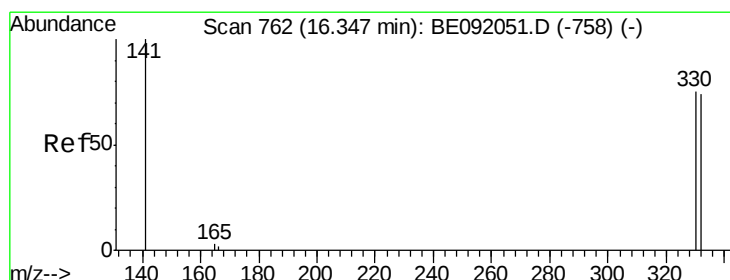
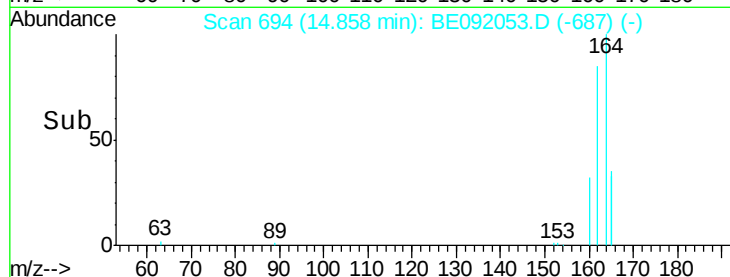
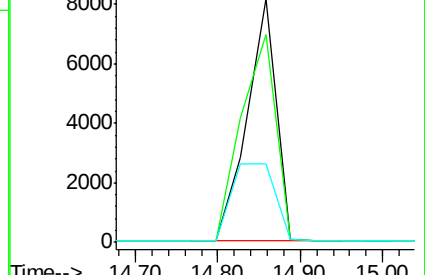
160 32.3 27.6 41.4



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: 1.90 ng

RT: 16.33 min Scan# 761

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

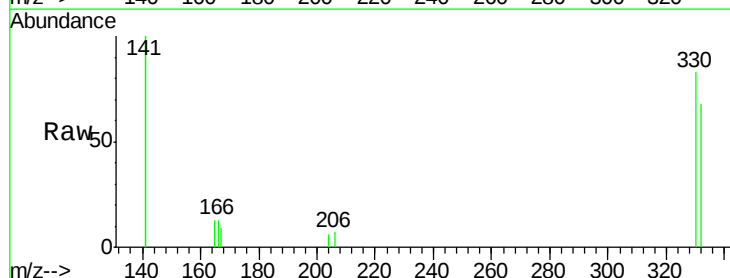
Tgt Ion:330 Resp: 1193

Ion Ratio Lower Upper

330 100

332 96.2 74.2 111.4

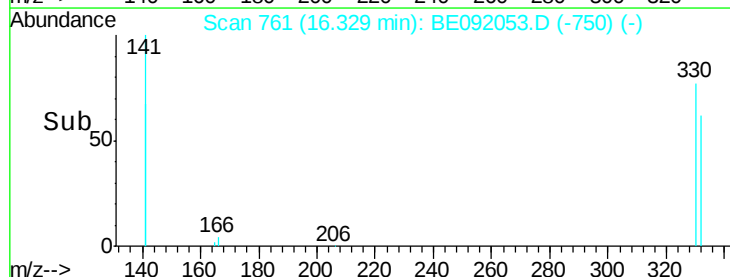
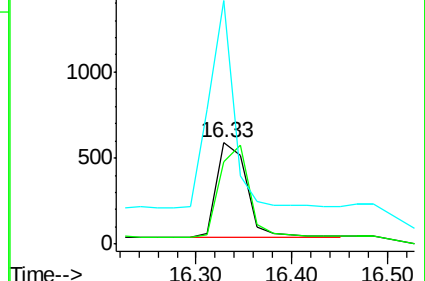
141 182.6 139.8 209.8

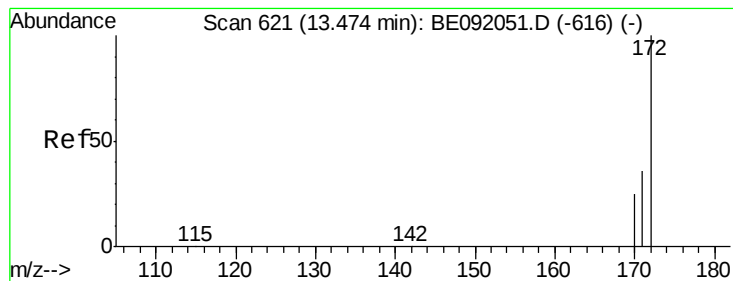


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

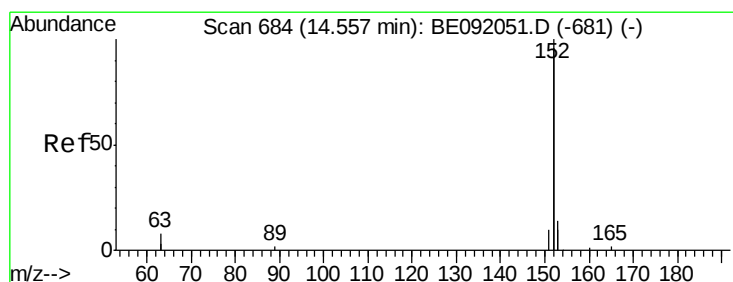
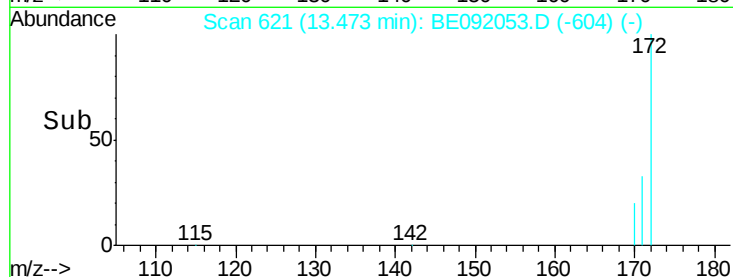
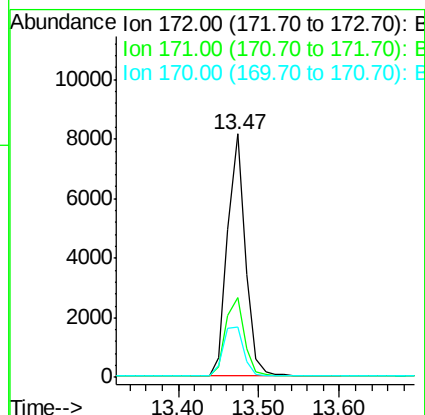
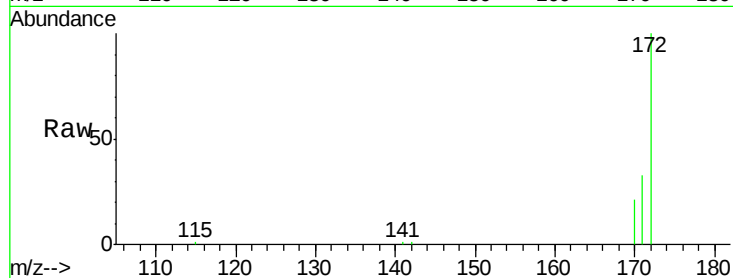




#17
 2-Fluorobiphenyl
 Concen: 1.49 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

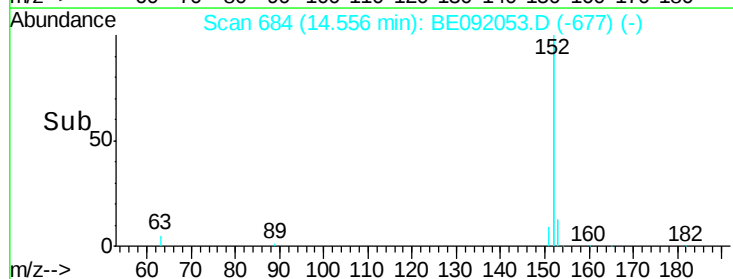
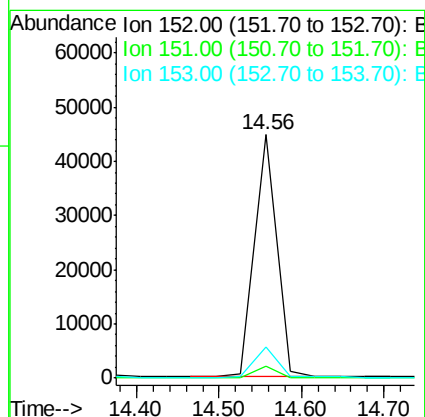
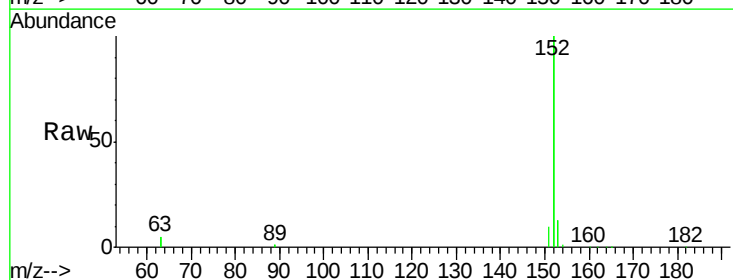
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

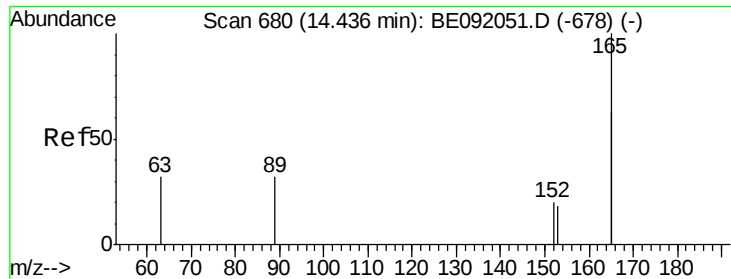
Tgt Ion:172 Resp: 12525
 Ion Ratio Lower Upper
 172 100
 171 33.0 30.3 45.5
 170 20.8 21.6 32.4#



#18
 Acenaphthylene
 Concen: 1.72 ng
 RT: 14.56 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Tgt Ion:152 Resp: 84495
 Ion Ratio Lower Upper
 152 100
 151 4.7 4.0 6.0
 153 12.6 9.6 14.4

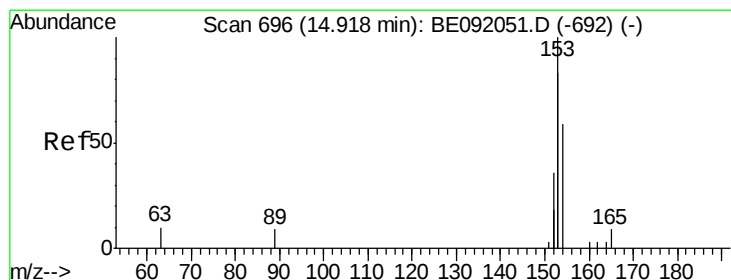
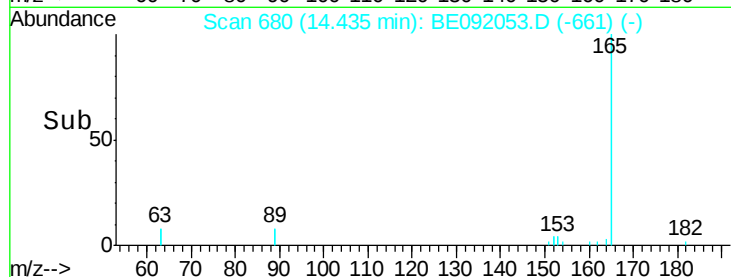
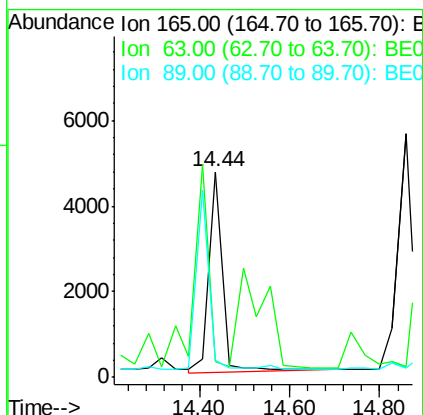
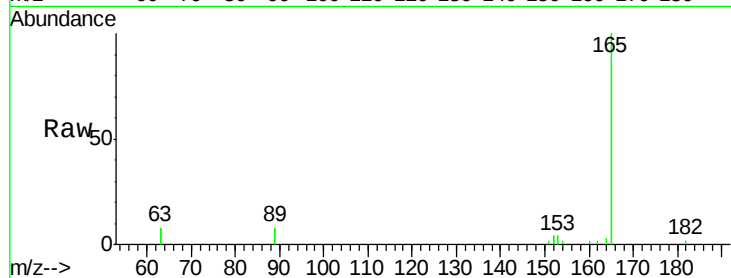




#19
2,6-Dinitrotoluene
Concen: 2.09 ng
RT: 14.44 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

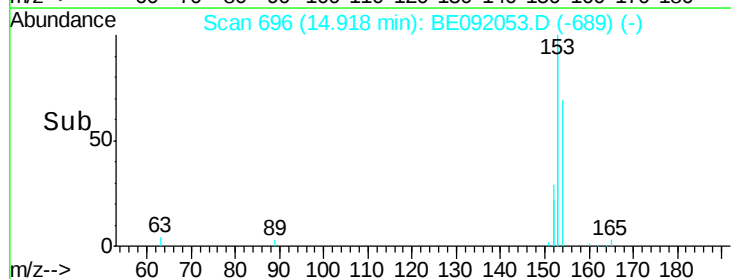
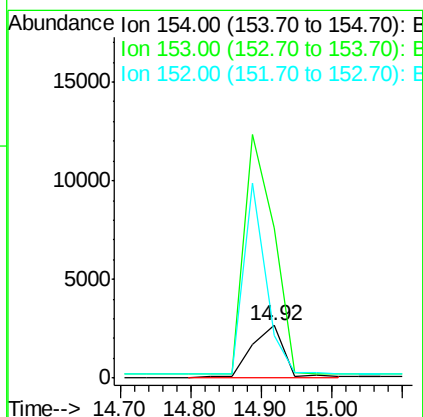
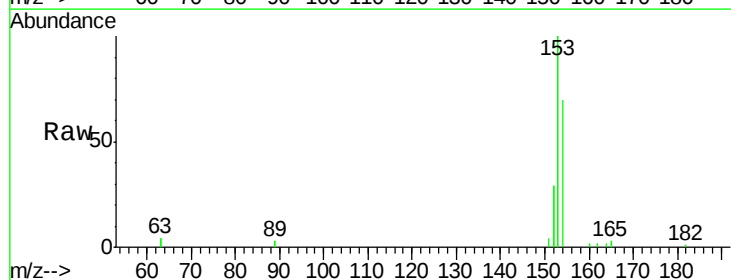
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

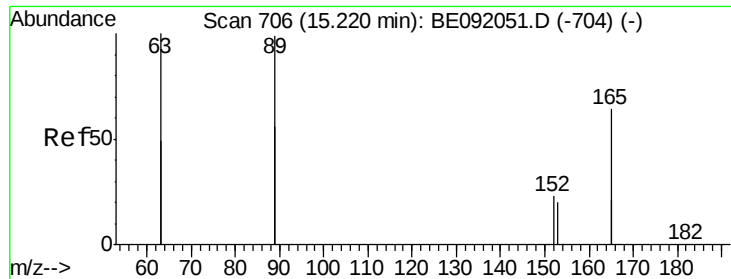
Tgt Ion:165 Resp: 9910
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 0.0 0.0



#20
Acenaphthene
Concen: 1.38 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion:154 Resp: 8139
Ion Ratio Lower Upper
154 100
153 0.0 345.1 517.7#
152 0.0 0.0 0.0

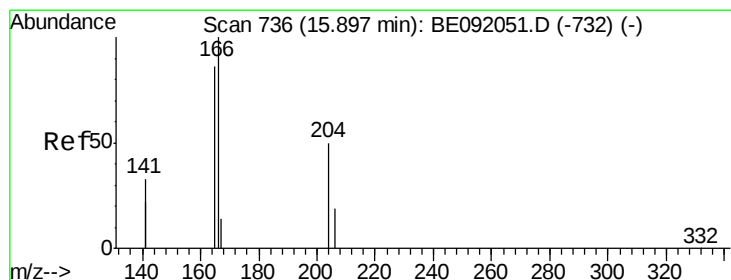
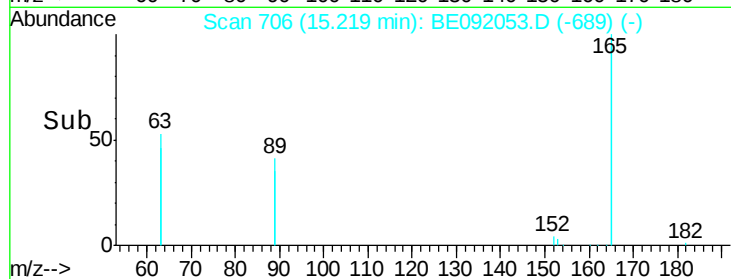
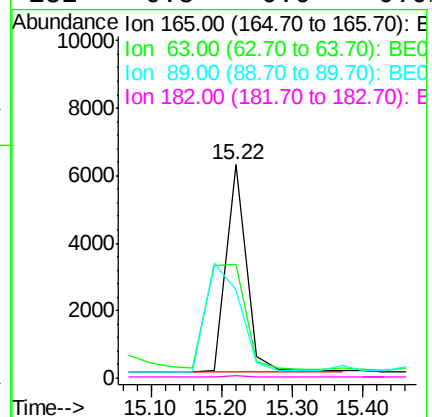
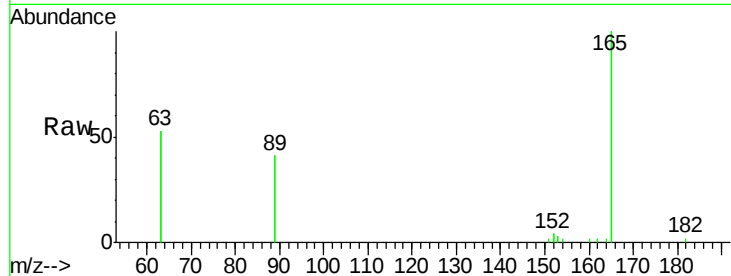




#21
2,4-Dinitrotoluene
Concen: 3.03 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

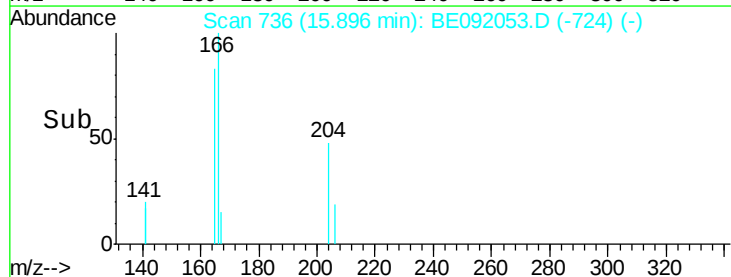
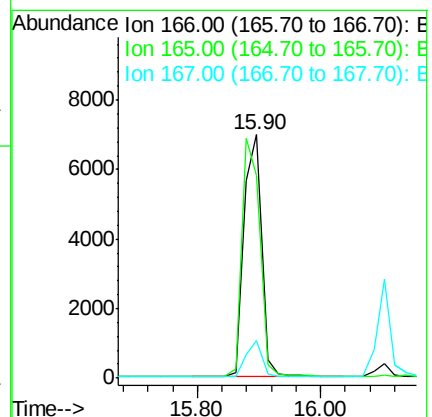
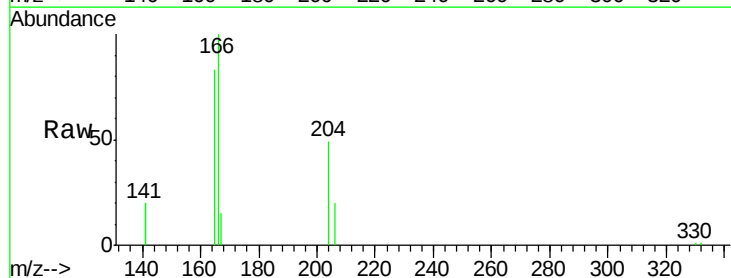
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

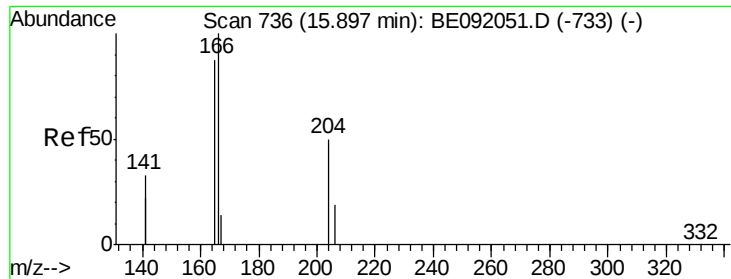
Tgt Ion:165 Resp: 12283
Ion Ratio Lower Upper
165 100
63 96.5 324.0 486.0#
89 0.0 308.4 462.6#
182 0.5 0.0 0.0#



#22
Fluorene
Concen: 1.59 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion:166 Resp: 13882
Ion Ratio Lower Upper
166 100
165 100.1 78.6 118.0
167 13.2 11.1 16.7

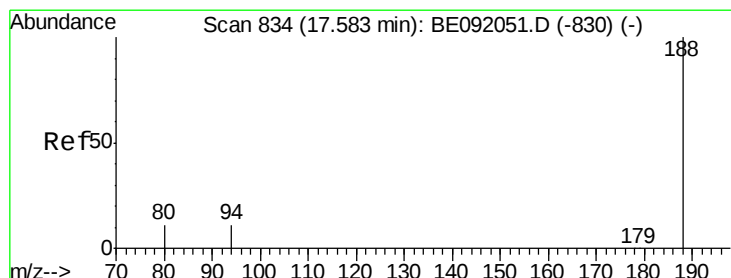
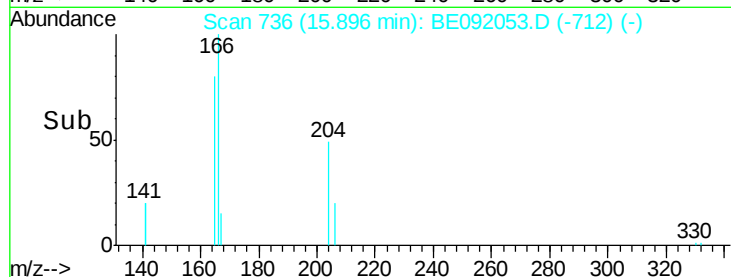
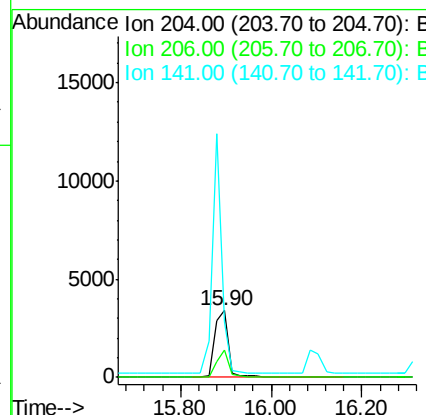
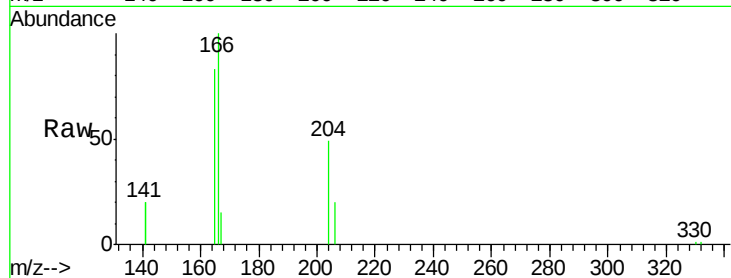




#23
4-Chlorophenyl-phenylether
Concen: 1.52 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

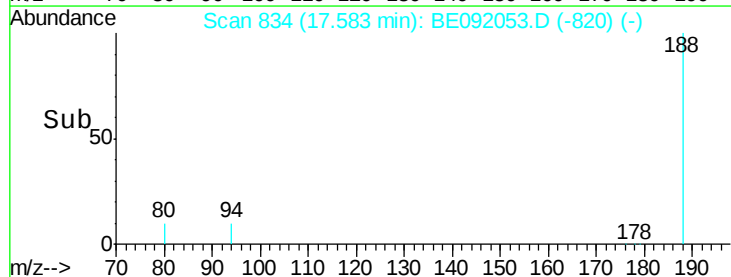
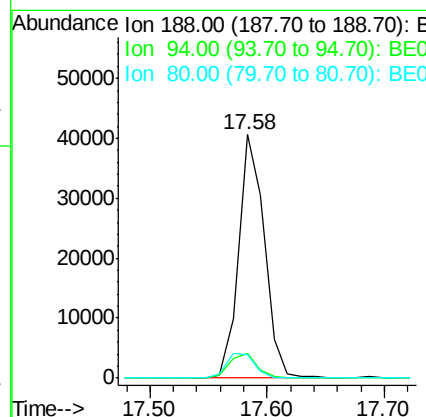
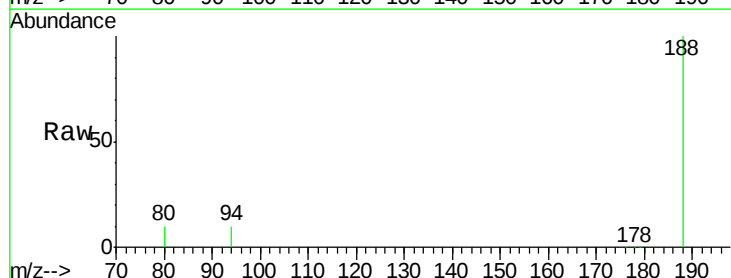
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

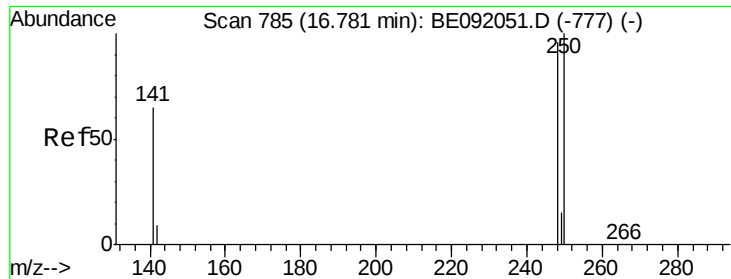
Tgt Ion:204 Resp: 6807
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 256.0 198.5 297.7



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion:188 Resp: 61904
Ion Ratio Lower Upper
188 100
94 10.0 3.9 5.9#
80 9.9 3.4 5.0#





#25

4-Bromophenyl-phenylether

Concen: 1.49 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

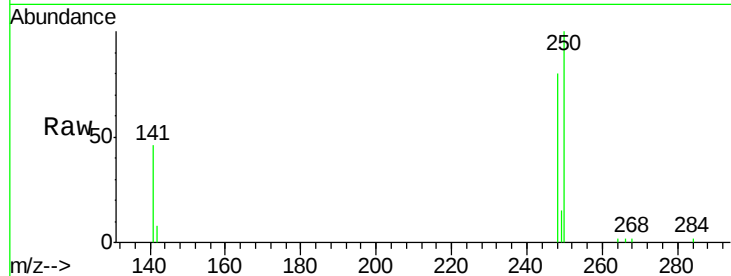
Tgt Ion:248 Resp: 3982

Ion Ratio Lower Upper

248 100

250 100.1 79.6 119.4

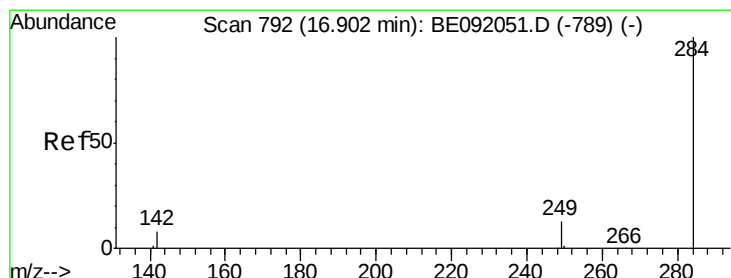
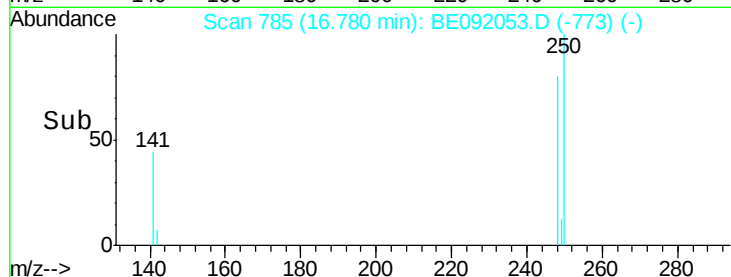
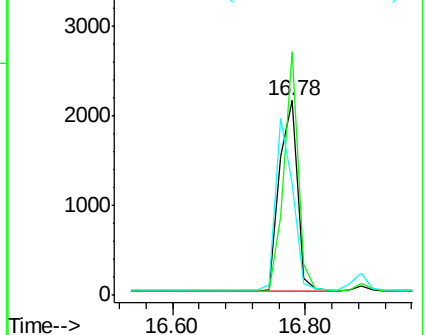
141 85.5 68.7 103.1



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



#26

Hexachlorobenzene

Concen: 1.47 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

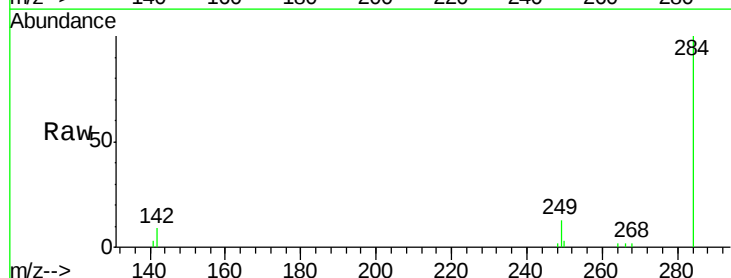
Tgt Ion:284 Resp: 4095

Ion Ratio Lower Upper

284 100

142 42.7 33.3 49.9

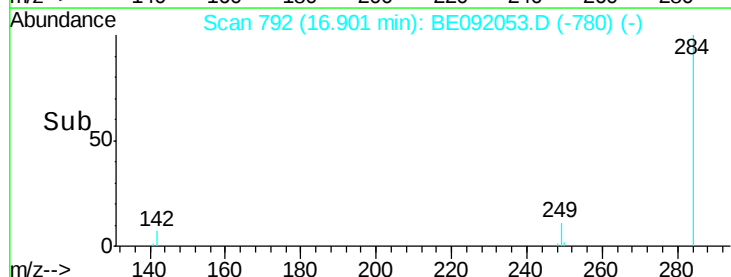
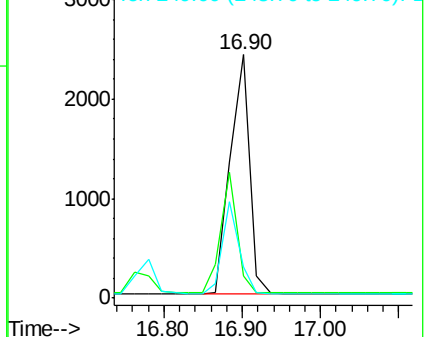
249 33.0 25.4 38.0

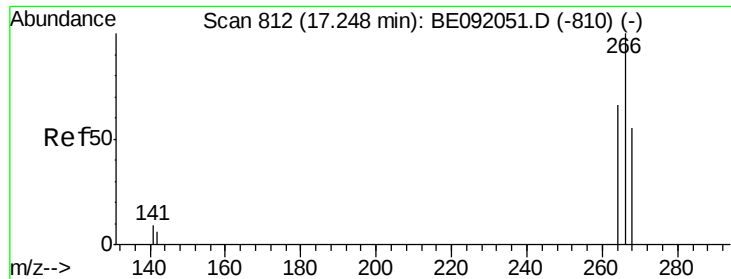


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 2.48 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

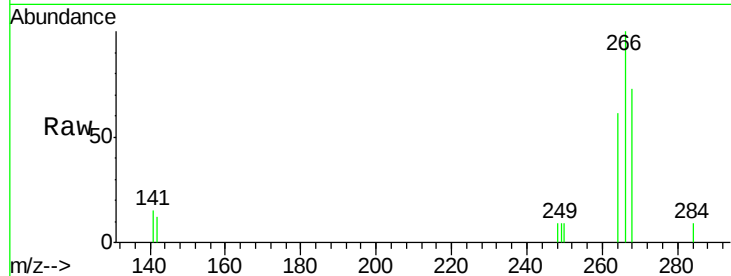
Tgt Ion:266 Resp: 1026

Ion Ratio Lower Upper

266 100

268 72.8 62.7 94.1

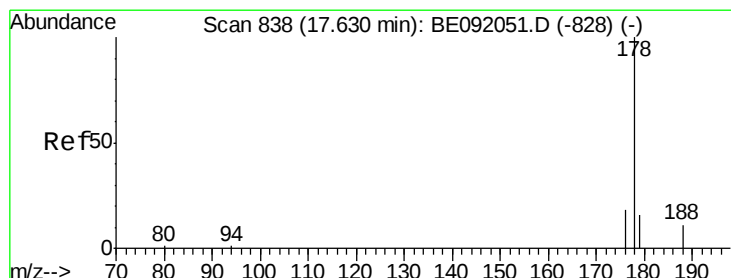
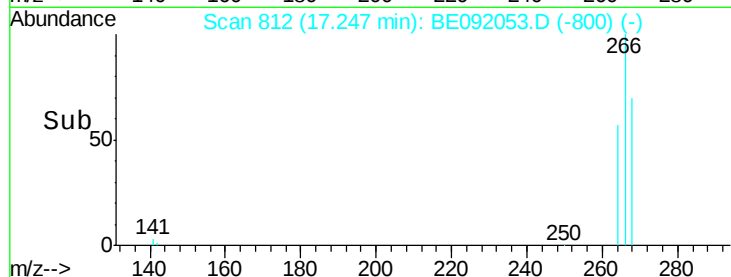
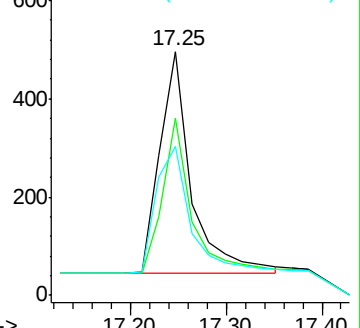
264 60.9 63.5 95.3#



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



#28

Phenanthrene

Concen: 1.45 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

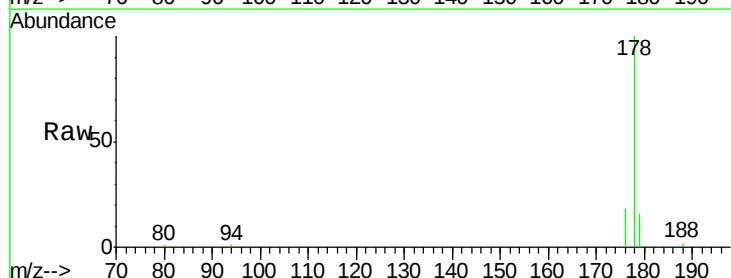
Tgt Ion:178 Resp: 24449

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

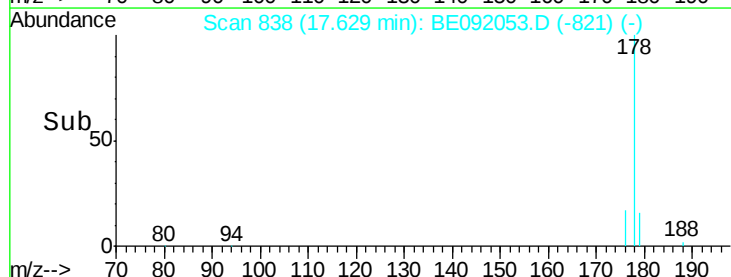
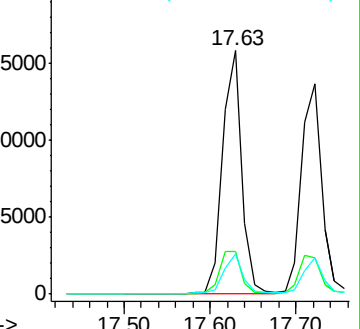
179 15.6 12.7 19.1

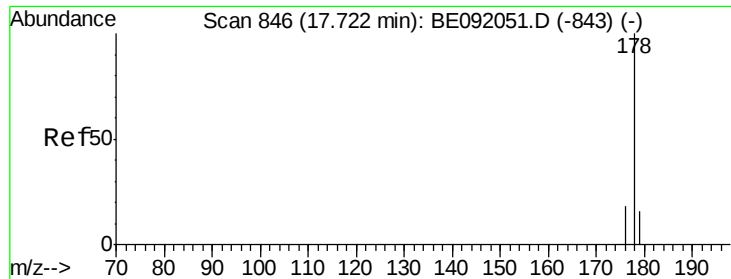


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 1.58 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

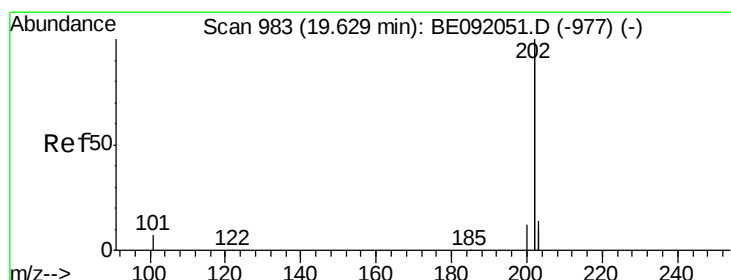
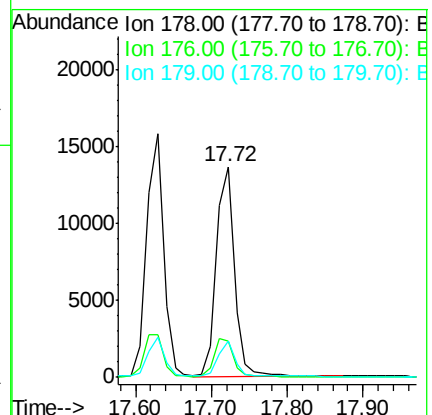
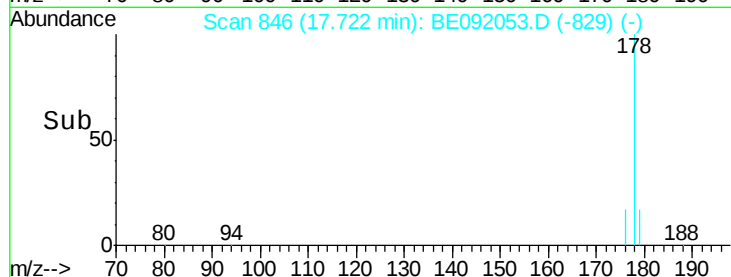
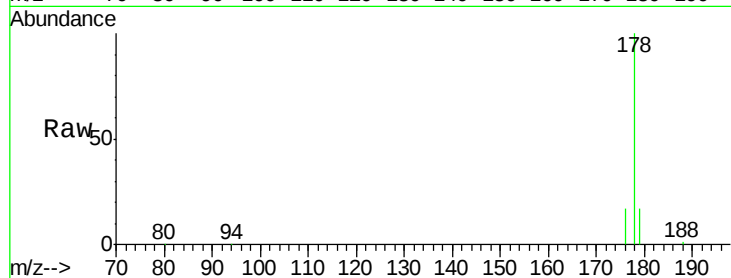
Tgt Ion:178 Resp: 22552

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.4 12.2 18.4



#30

Fluoranthene

Concen: 1.56 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

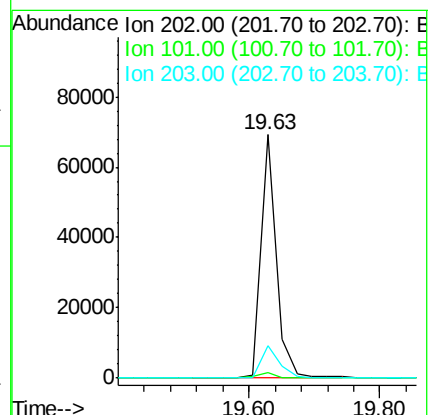
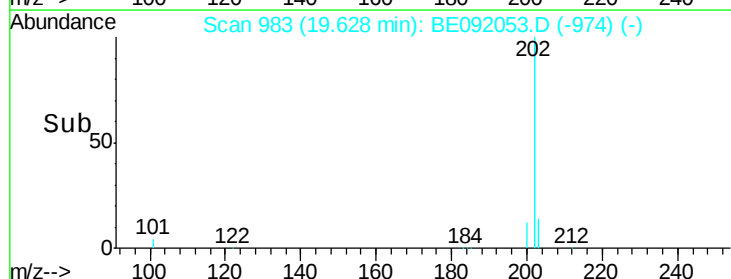
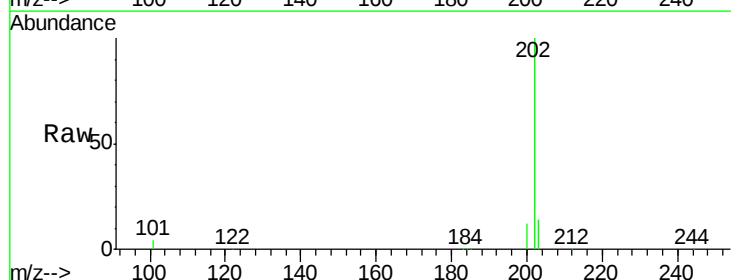
Tgt Ion:202 Resp: 112523

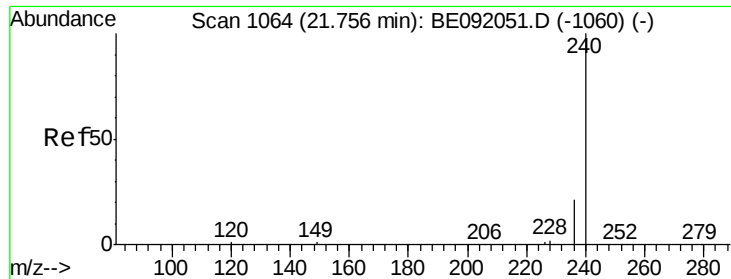
Ion Ratio Lower Upper

202 100

101 2.5 2.2 3.2

203 15.8 13.0 19.4





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

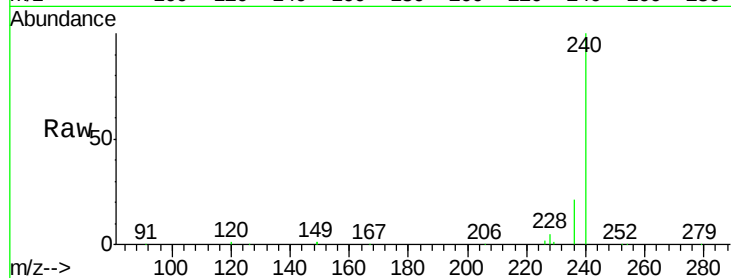
Tgt Ion:240 Resp: 62393

Ion Ratio Lower Upper

240 100

120 0.8 0.6 1.0

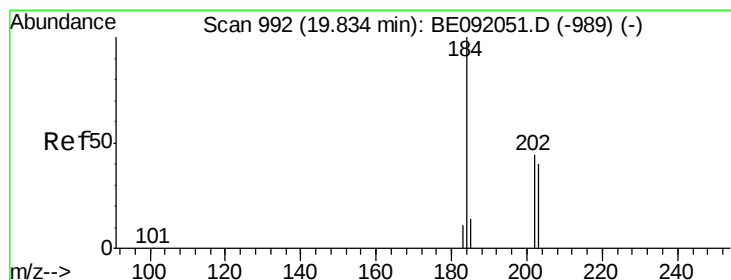
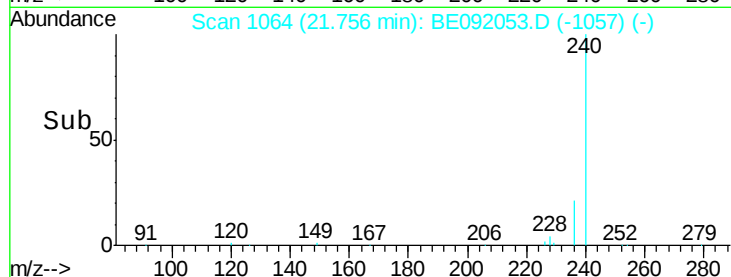
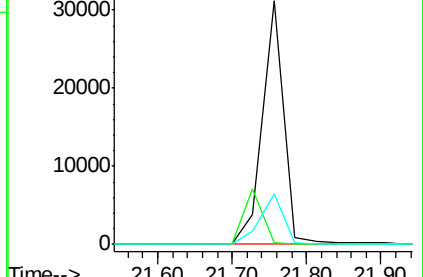
236 20.8 18.2 27.4



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



#32

Benzidine

Concen: 2.42 ng

RT: 19.81 min Scan# 991

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

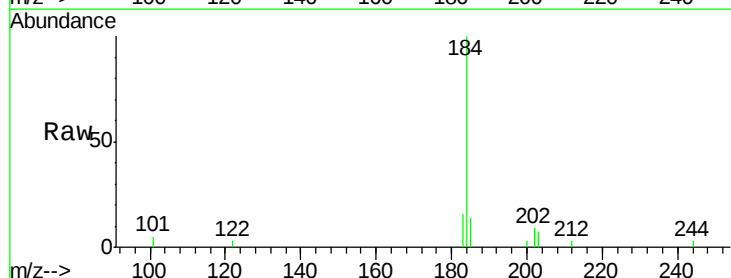
Tgt Ion:184 Resp: 5041

Ion Ratio Lower Upper

184 100

185 14.5 23.8 35.6#

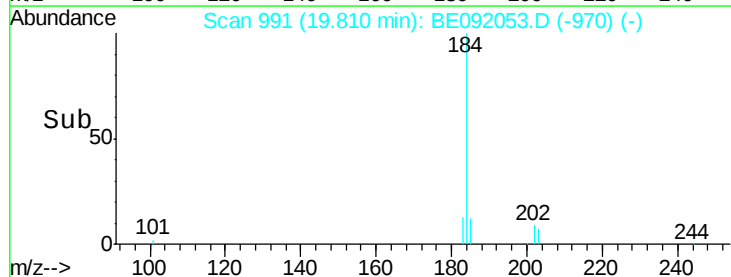
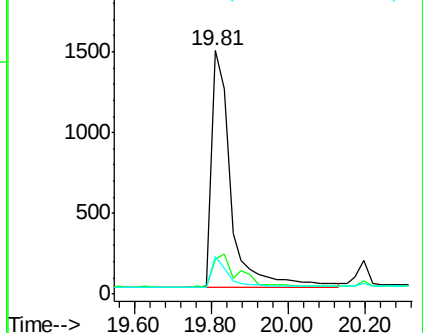
183 15.6 20.7 31.1#

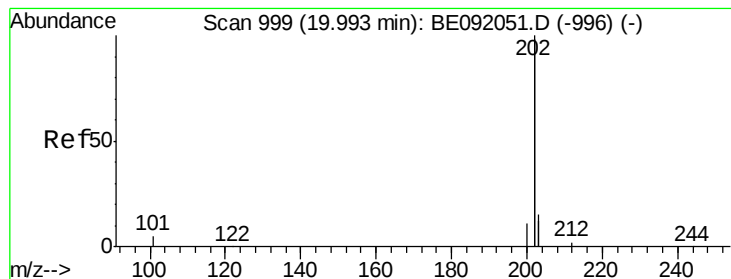


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 1.72 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

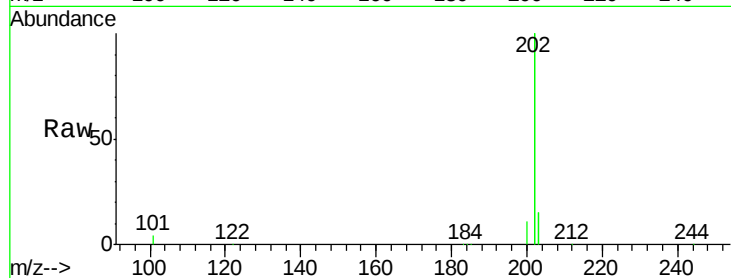
Tgt Ion:202 Resp: 128406

Ion Ratio Lower Upper

202 100

200 5.2 4.4 6.6

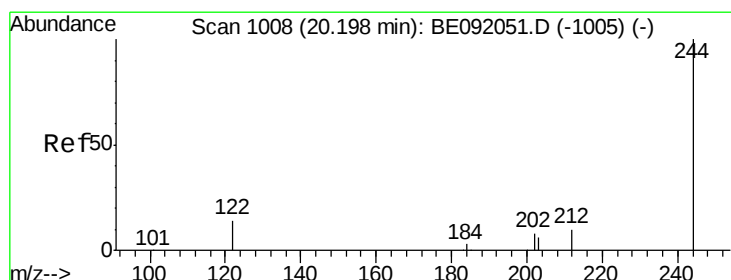
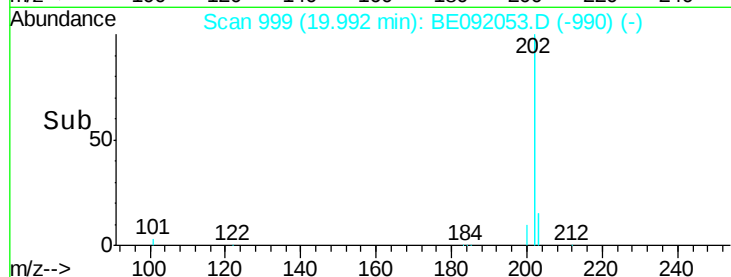
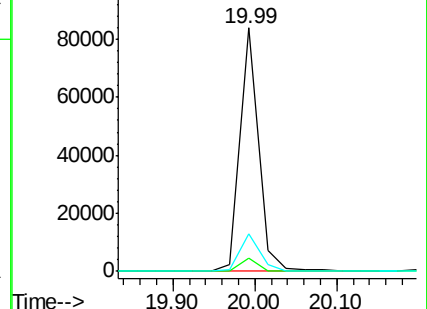
203 16.5 13.4 20.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 1.32 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

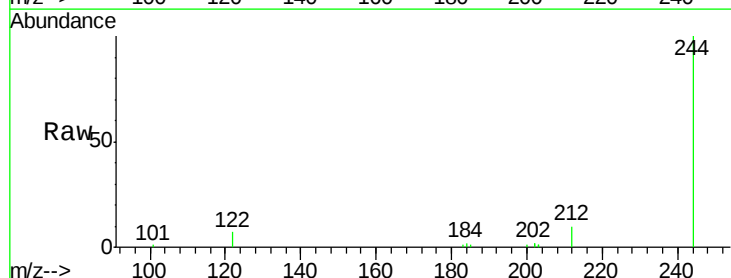
Tgt Ion:244 Resp: 17075

Ion Ratio Lower Upper

244 100

212 10.3 9.1 13.7

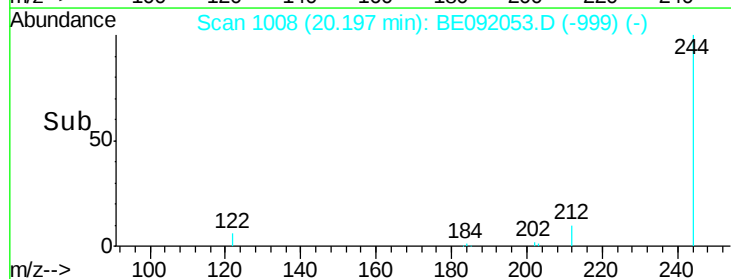
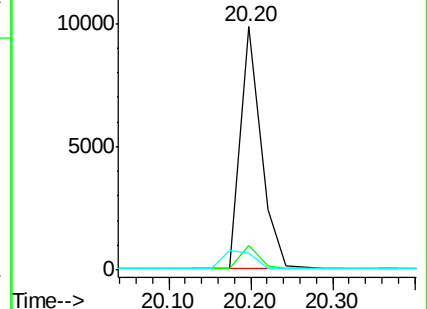
122 7.0 11.0 16.4#

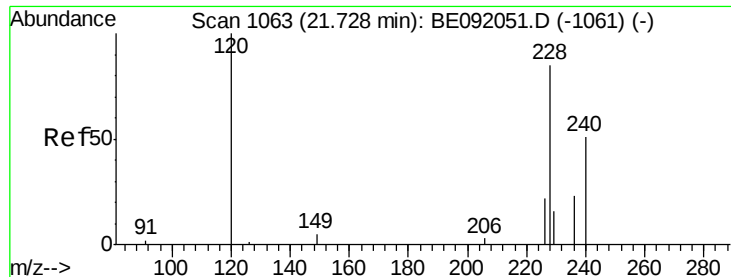


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 1.86 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

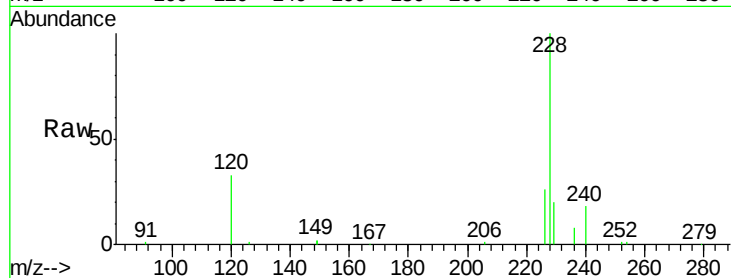
Tgt Ion:228 Resp: 71586

Ion Ratio Lower Upper

228 100

226 26.1 22.1 33.1

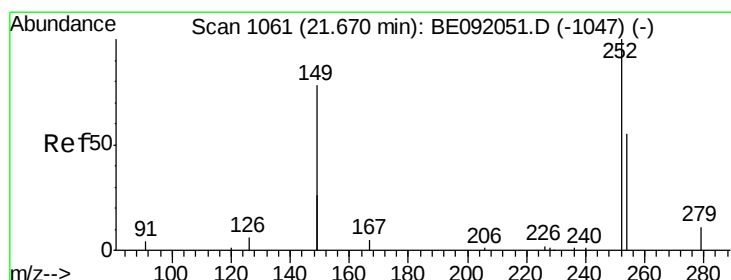
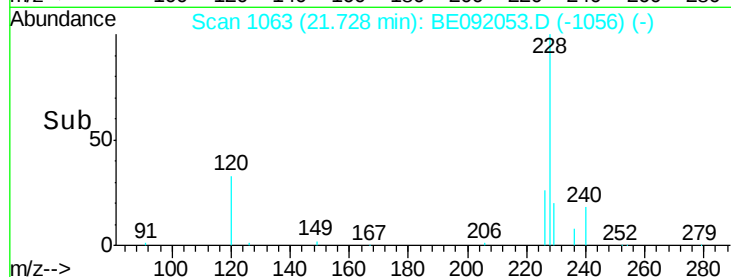
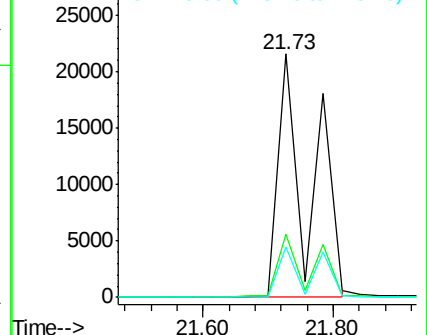
229 20.4 15.1 22.7



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: 2.76 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

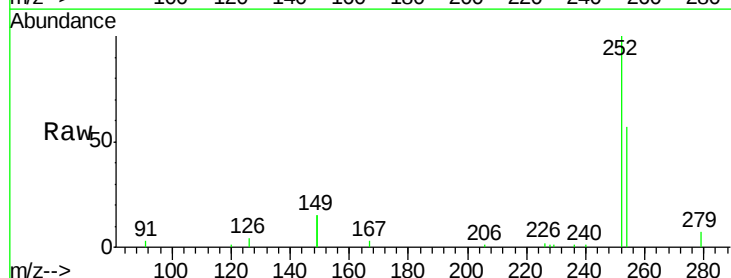
Tgt Ion:252 Resp: 9107

Ion Ratio Lower Upper

252 100

254 57.1 44.2 66.2

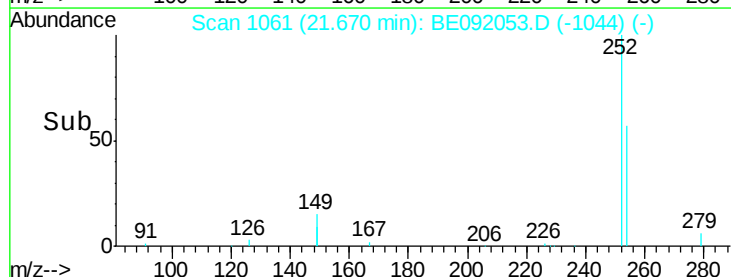
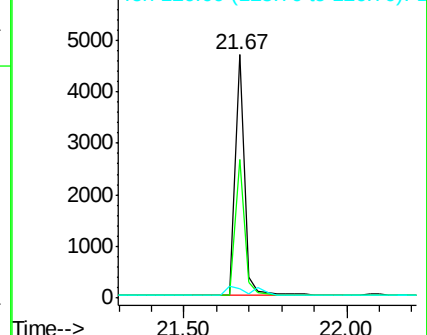
126 3.7 10.6 15.8#

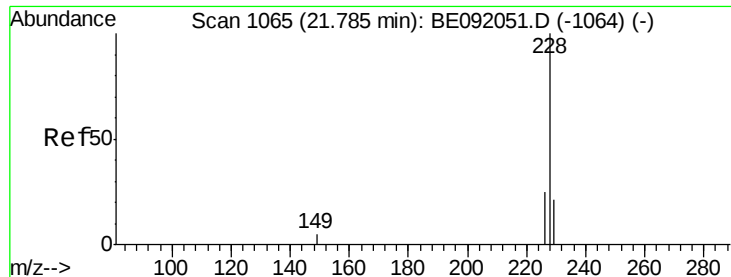


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 1.68 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

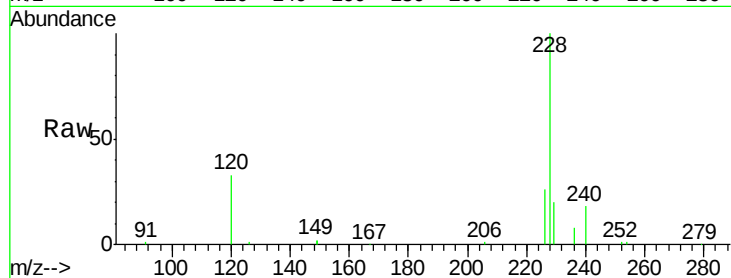
Tgt Ion:228 Resp: 72179

Ion Ratio Lower Upper

228 100

226 26.1 22.3 33.5

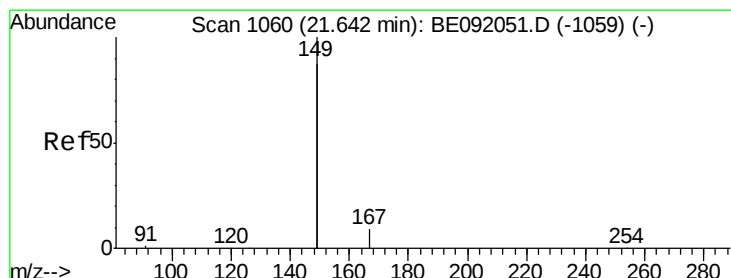
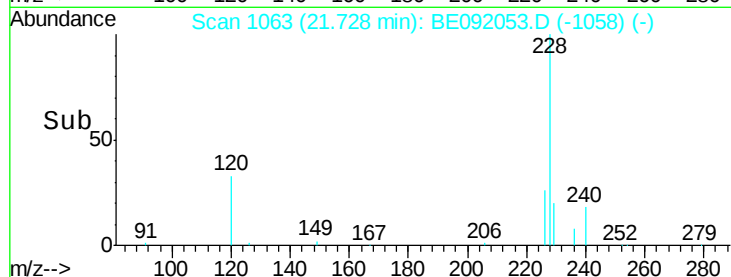
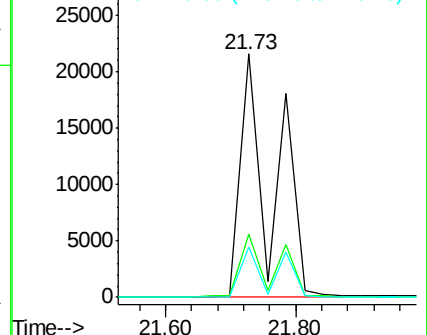
229 20.4 16.9 25.3



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: 1.12 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

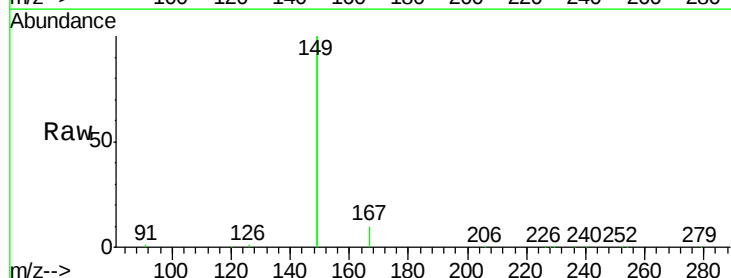
Tgt Ion:149 Resp: 86428

Ion Ratio Lower Upper

149 100

167 4.9 3.8 5.6

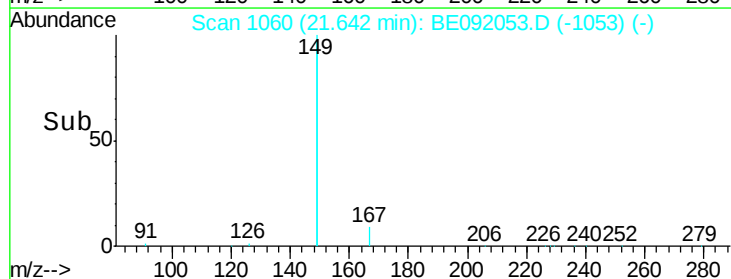
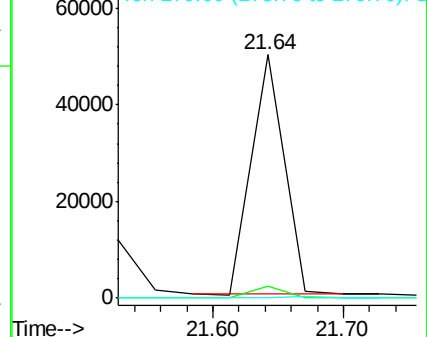
279 0.0 0.0 0.0

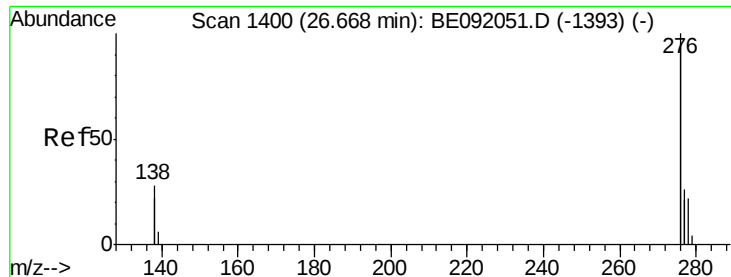


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.71 ng

RT: 26.65 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

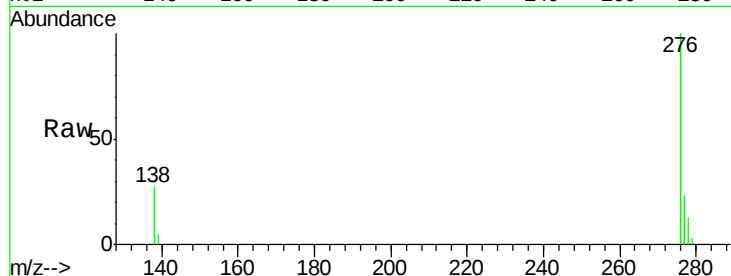
Tgt Ion: 276 Resp: 115098

Ion Ratio Lower Upper

276 100

138 27.1 21.2 31.8

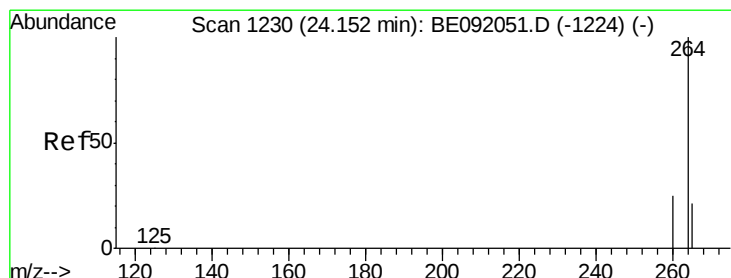
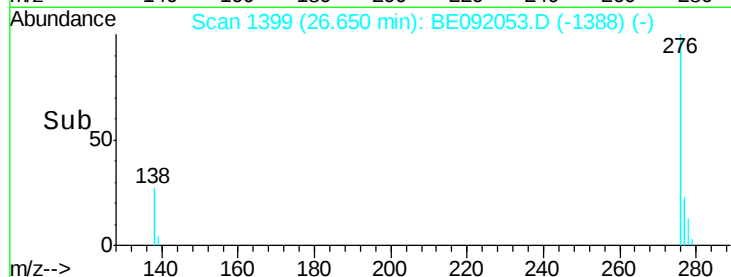
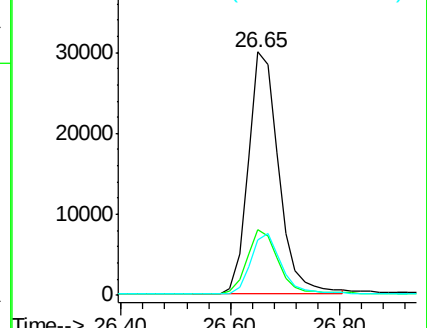
277 24.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

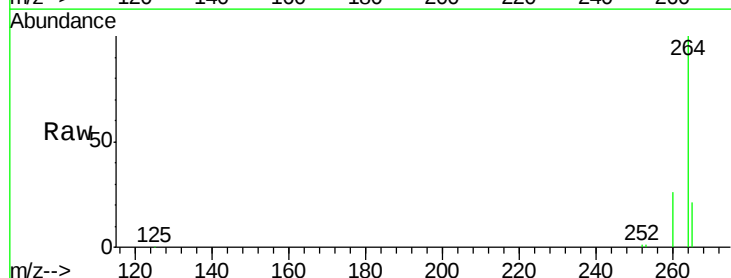
Tgt Ion: 264 Resp: 65196

Ion Ratio Lower Upper

264 100

260 25.5 20.8 31.2

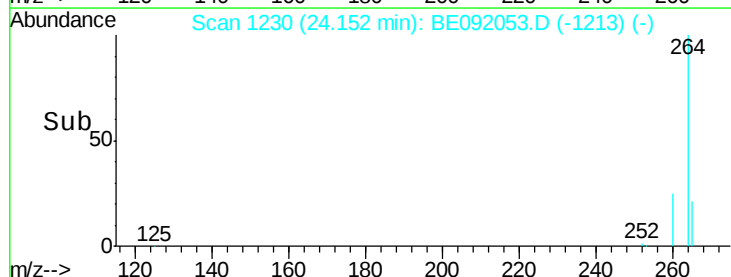
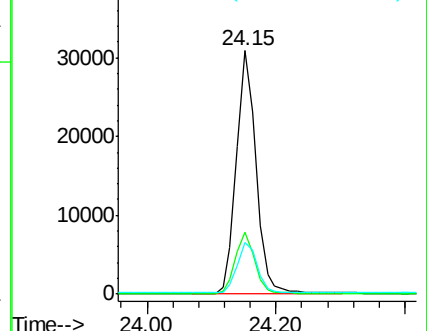
265 21.5 16.6 25.0

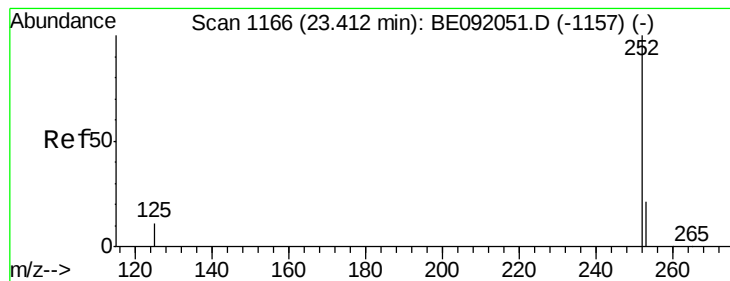


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.91 ng

RT: 23.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

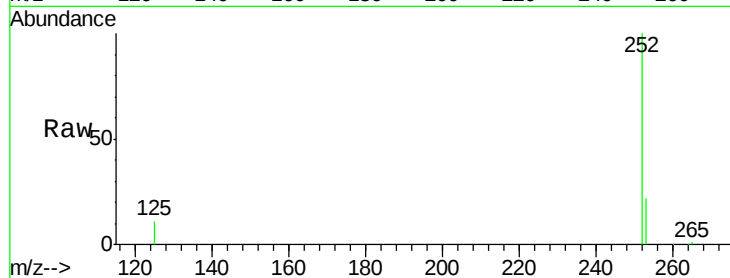
Tgt Ion:252 Resp: 28438

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.6 10.2 15.2

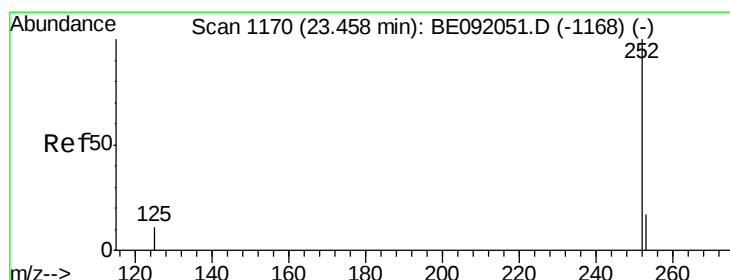
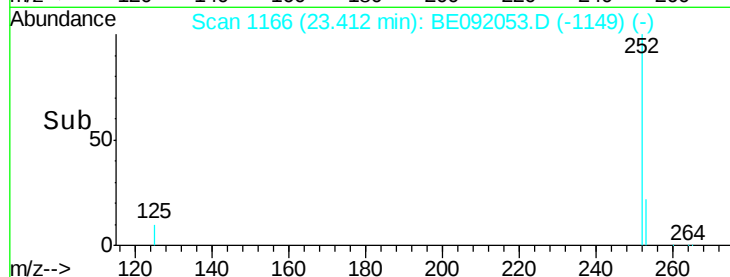
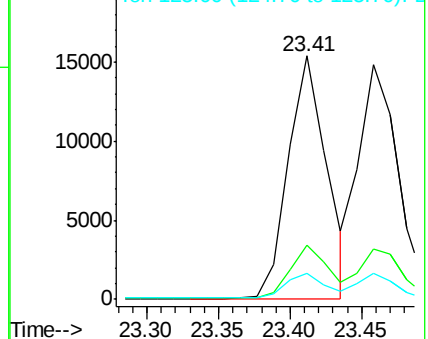


Abundance

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: 0.97 ng

RT: 23.46 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

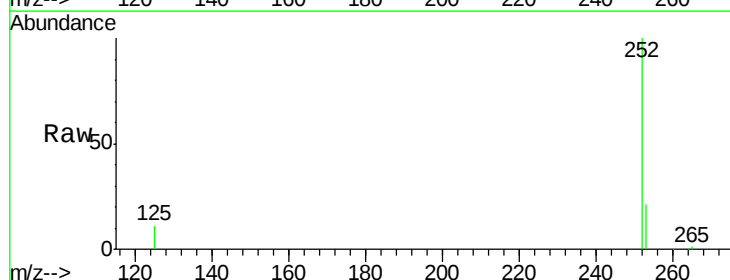
Tgt Ion:252 Resp: 28891

Ion Ratio Lower Upper

252 100

253 21.4 19.4 29.0

125 11.2 8.9 13.3

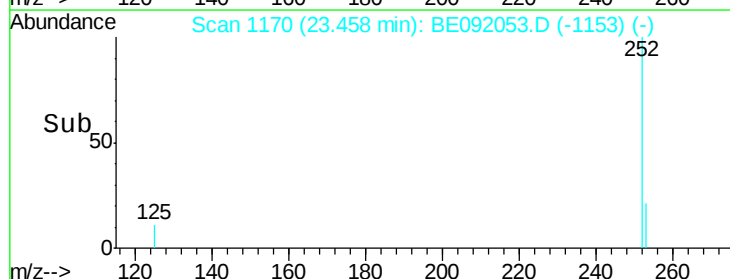
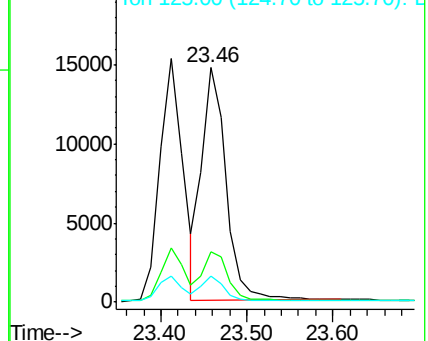


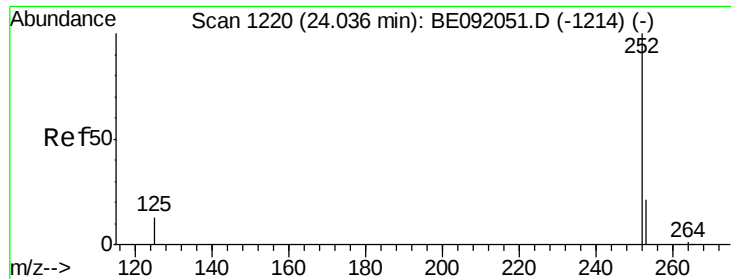
Abundance

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





#43

Benzo(a)pyrene

Concen: 1.22 ng

RT: 24.04 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

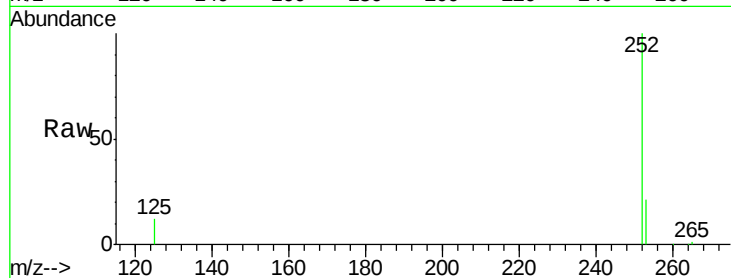
Tgt Ion: 252 Resp: 25208

Ion Ratio Lower Upper

252 100

253 21.3 19.8 29.8

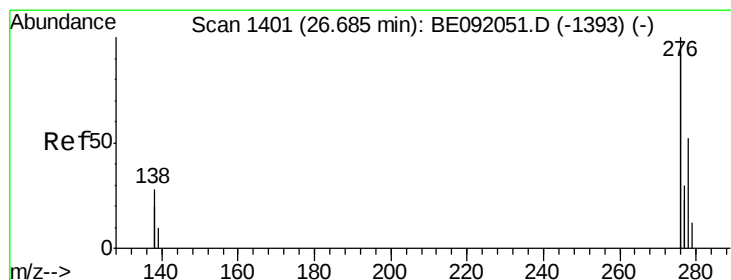
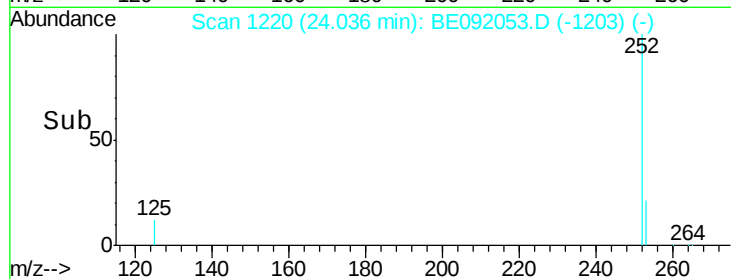
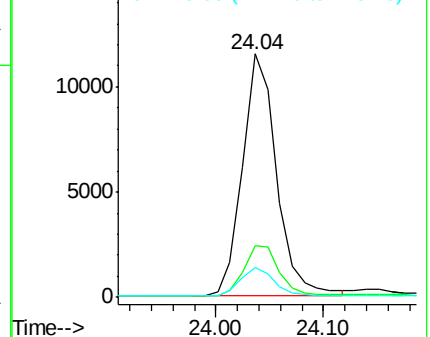
125 12.3 10.4 15.6



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



#44

Dibenzo(a,h)anthracene

Concen: 1.68 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

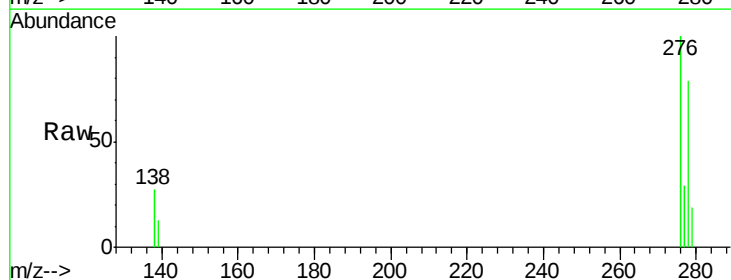
Tgt Ion: 278 Resp: 23637

Ion Ratio Lower Upper

278 100

139 16.5 16.7 25.1#

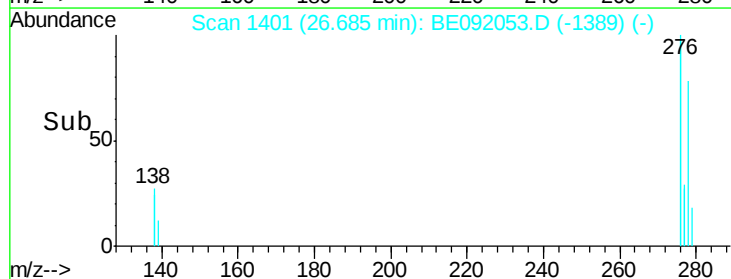
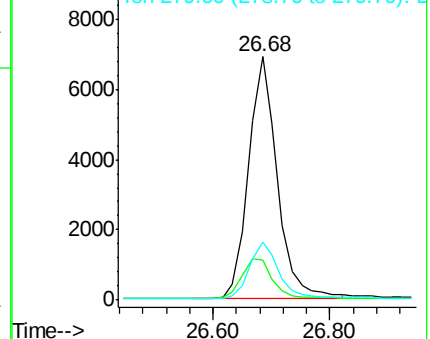
279 24.1 20.3 30.5

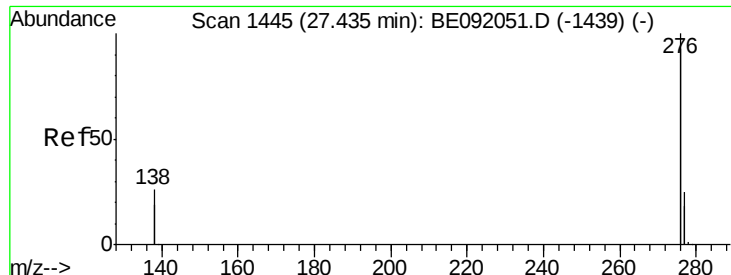


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 1.60 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092053.D

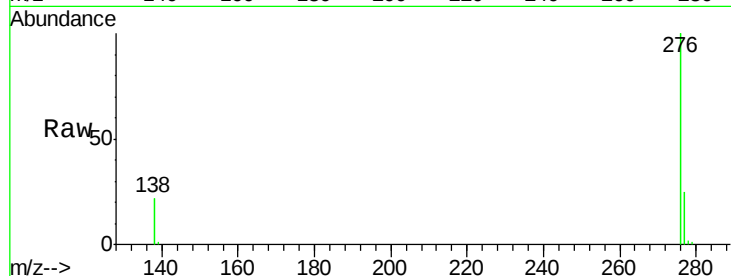
Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



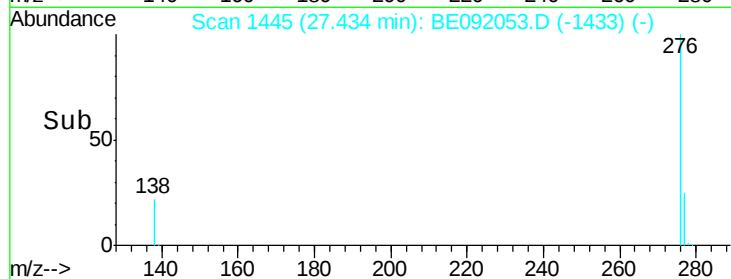
Tgt Ion: 276 Resp: 96519

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 22.3 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

