

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072716\
 Data File : BE092056.D
 Acq On : 27 Jul 2016 14:32
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Quant Time: Jul 27 15:13:01 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 14:34:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	10244	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	48308	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	22792	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	66512	5.00	ng	0.00
31) Chrysene-d12	21.76	240	69615	5.00	ng	0.00
40) Perylene-d12	24.15	264	68097	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	26705	12.00	ng	-0.02
5) Phenol-d6	7.35	99	38093	12.44	ng	0.00
9) Nitrobenzene-d5	9.35	82	38213	10.55	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	11727	14.19	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	85921	9.37	ng	0.00
34) Terphenyl-d14	20.20	244	120107	8.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	12728	8.68	ng	93
3) n-Nitrosodimethylamine	3.80	42	19747	11.63	ng	# 97
6) bis(2-Chloroethyl)ether	7.59	93	32217	11.06	ng	94
7) n-Nitroso-di-n-propylamine	8.98	70	29402	12.27	ng	97
10) Nitrobenzene	9.38	77	42480	12.37	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	46780	11.88	ng	98
12) Naphthalene	11.04	128	101601	9.56	ng	# 94
13) Hexachlorobutadiene	11.32	225	15198	9.47	ng	# 100
14) 2-Methylnaphthalene	12.66	142	70241	10.28	ng	97
18) Acenaphthylene	14.56	152	628642	10.80	ng	98
19) 2,6-Dinitrotoluene	14.44	165	88650	14.40	ng	# 100
20) Acenaphthene	14.92	154	59033	9.57	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	142676	18.75	ng	# 1
22) Fluorene	15.90	166	97595	9.98	ng	99
23) 4-Chlorophenyl-phenylether	15.88	204	45193	9.32	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	27163	9.81	ng	100
26) Hexachlorobenzene	16.90	284	27114	9.46	ng	98
27) Pentachlorophenol	17.23	266	14353	20.93	ng	# 82
28) Phenanthrene	17.63	178	160230	9.37	ng	99
29) Anthracene	17.72	178	163231	10.61	ng	100
30) Fluoranthene	19.63	202	804285	10.42	ng	99
32) Benzidine	19.81	184	95481	25.55	ng	# 71
33) Pyrene	19.99	202	863303	9.81	ng	100
35) Benzo(a)anthracene	21.73	228	453663	12.90	ng	97
36) 3,3'-Dichlorobenzidine	21.67	252	93211	16.17	ng	# 87
37) Chrysene	21.73	228	455957	13.49	ng	97
38) Bis(2-ethylhexyl)phthalate	21.64	149	680440	9.26	ng	# 99
39) Indeno(1,2,3-cd)pyrene	26.67	276	782476	9.80	ng	99
41) Benzo(b)fluoranthene	23.41	252	179284	7.32	ng	98
42) Benzo(k)fluoranthene	23.46	252	185008	7.73	ng	95
43) Benzo(a)pyrene	24.04	252	172966	9.25	ng	94
44) Dibenzo(a,h)anthracene	26.68	278	162817	10.74	ng	# 93
45) Benzo(g,h,i)perylene	27.43	276	666610	10.55	ng	95

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QLast Update : Wed Jul 27 14:34:06 2016
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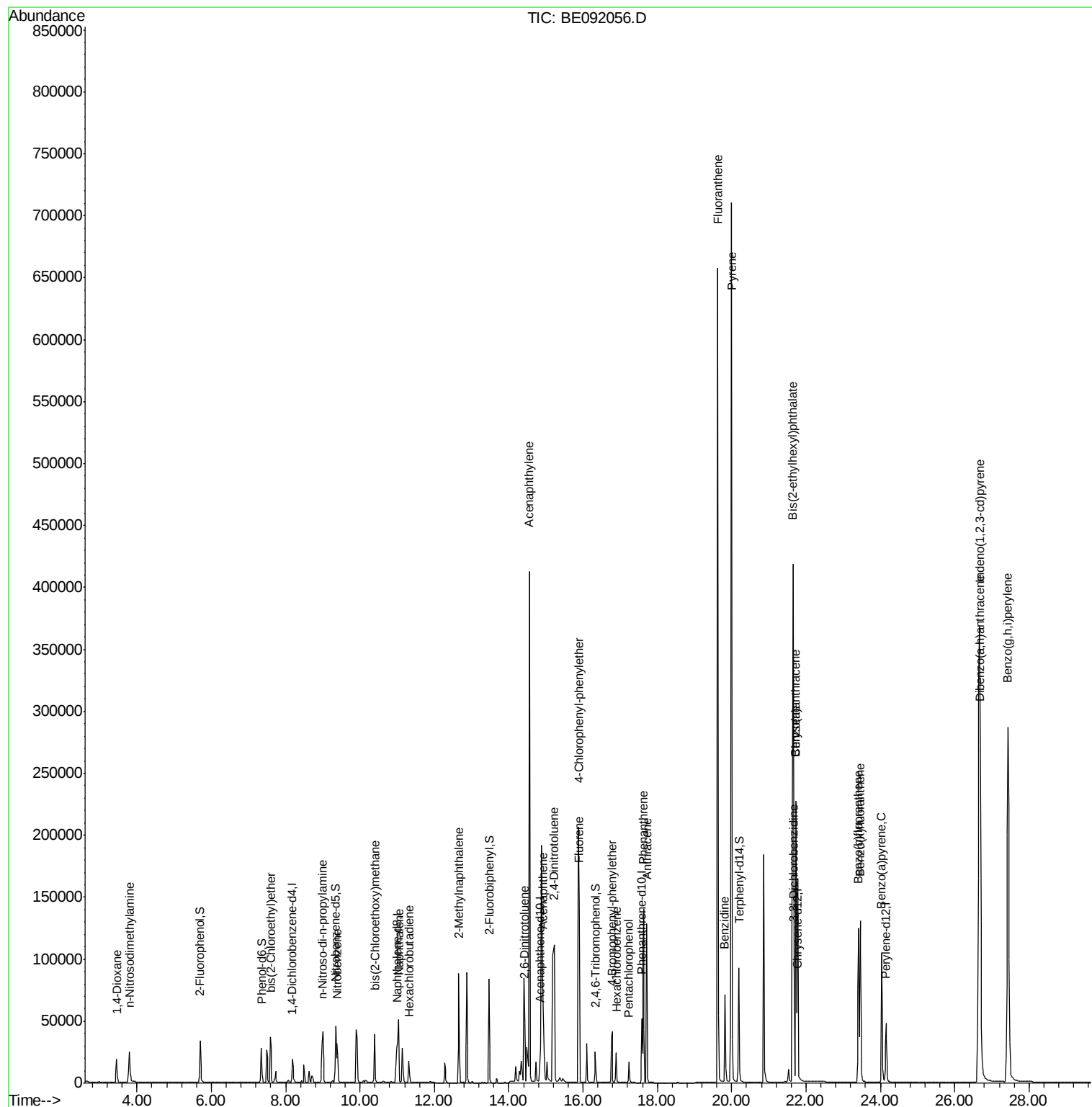
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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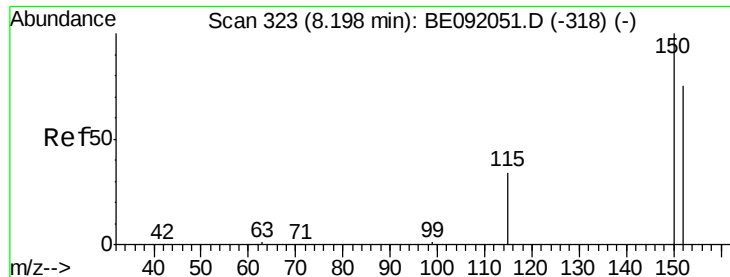
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

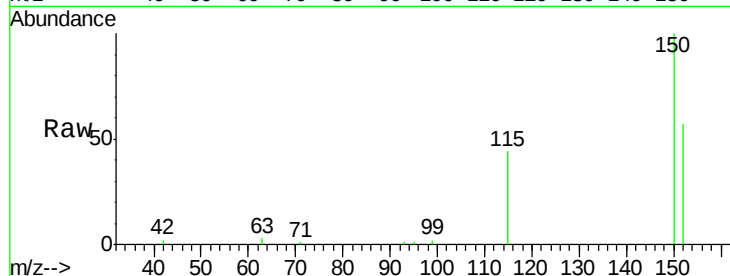
Tgt Ion:152 Resp: 10244

Ion Ratio Lower Upper

152 100

150 175.2 106.0 159.0#

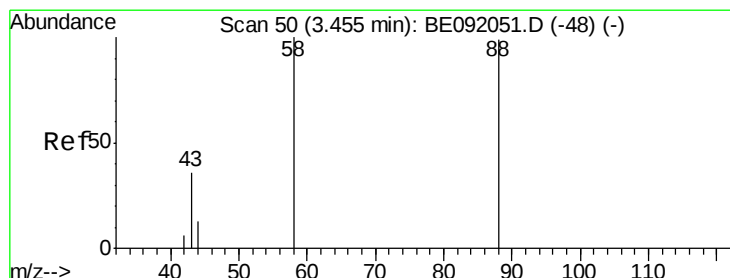
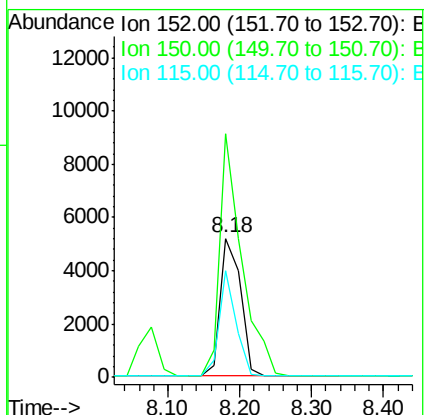
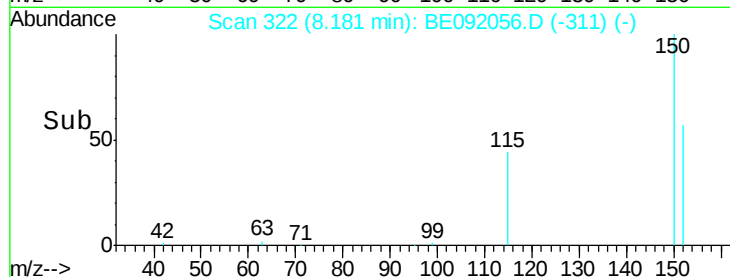
115 77.0 36.9 55.3#



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: 8.68 ng

RT: 3.45 min Scan# 50

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

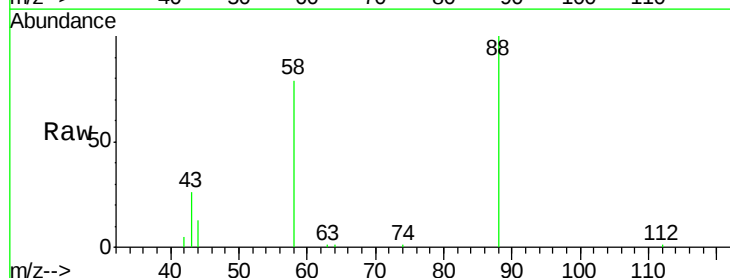
Tgt Ion: 88 Resp: 12728

Ion Ratio Lower Upper

88 100

58 84.6 62.1 93.1

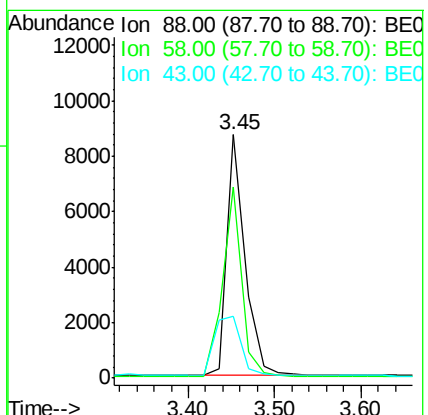
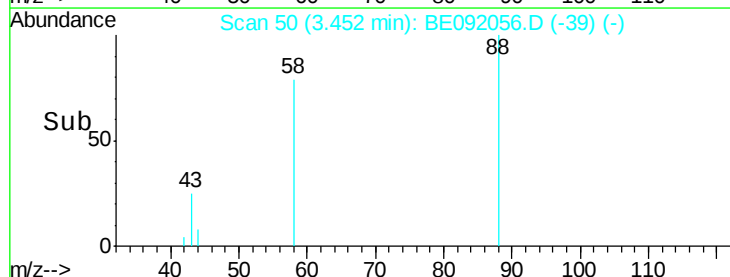
43 36.6 27.2 40.8

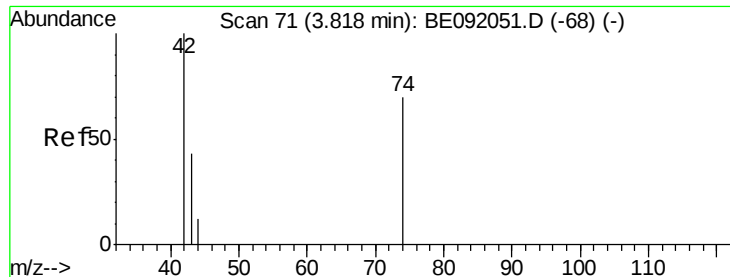


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 11.63 ng

RT: 3.80 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

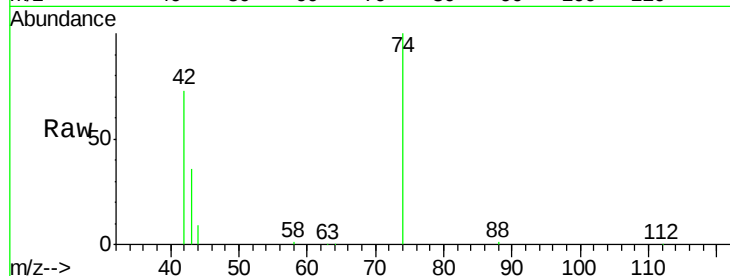
Tgt Ion: 42 Resp: 19747

Ion Ratio Lower Upper

42 100

74 105.0 82.8 124.2

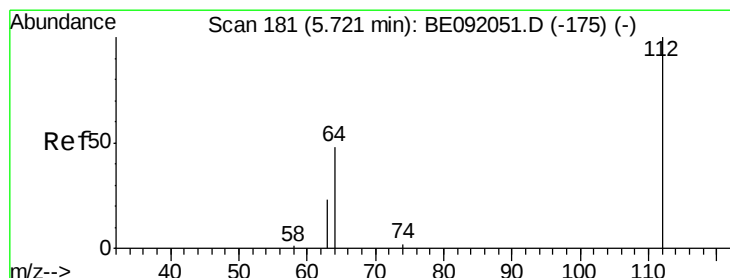
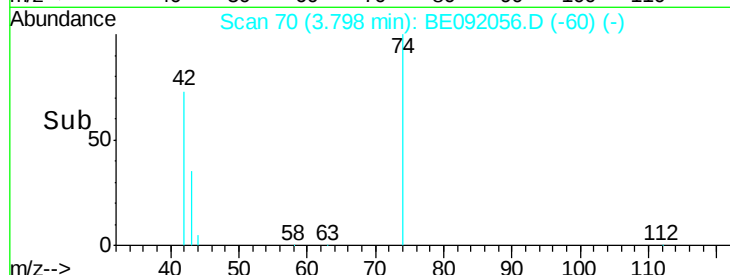
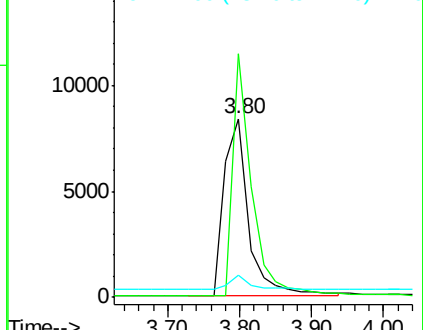
44 5.8 9.0 13.4#



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: 12.00 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

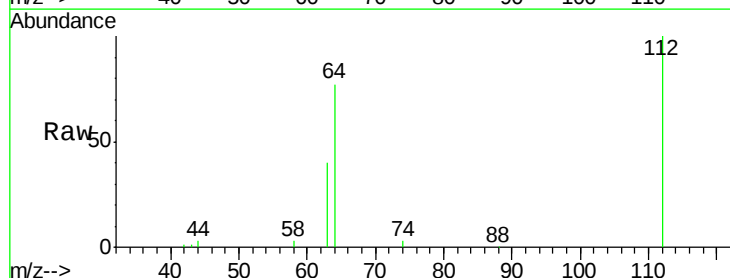
Tgt Ion: 112 Resp: 26705

Ion Ratio Lower Upper

112 100

64 68.1 55.9 83.9

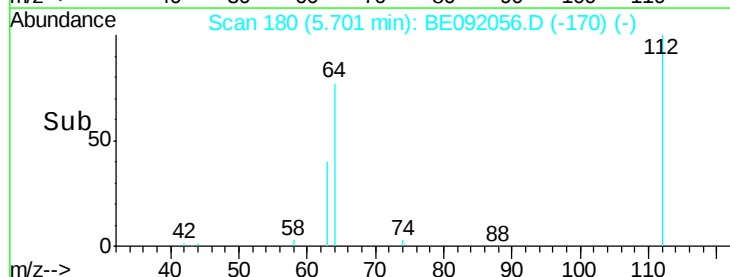
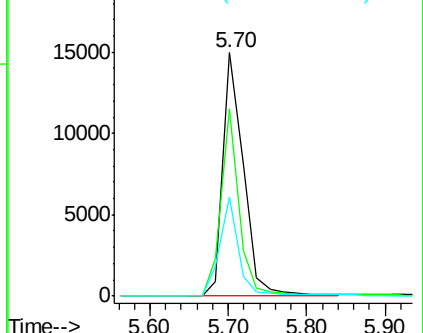
63 36.9 31.1 46.7

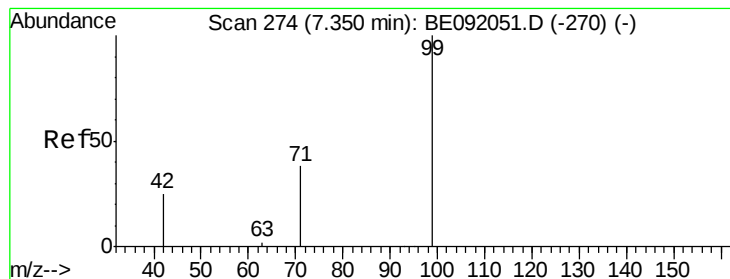


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 12.44 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

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SSTDICC010

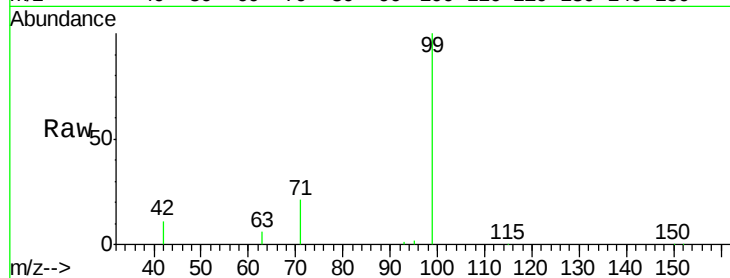
Tgt Ion: 99 Resp: 38093

Ion Ratio Lower Upper

99 100

42 27.1 22.4 33.6

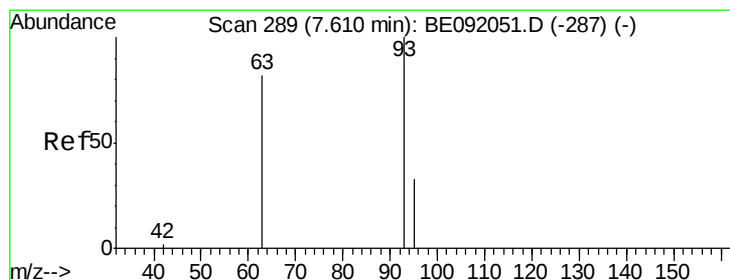
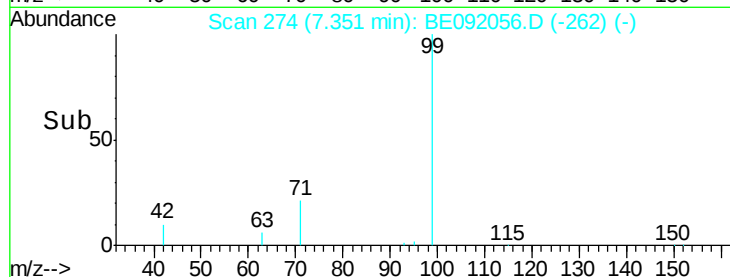
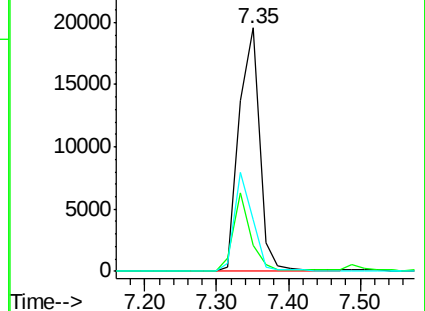
71 36.0 28.9 43.3



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: 11.06 ng

RT: 7.59 min Scan# 288

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

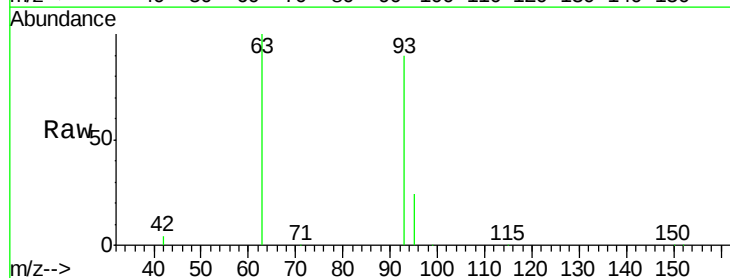
Tgt Ion: 93 Resp: 32217

Ion Ratio Lower Upper

93 100

63 87.5 64.4 96.6

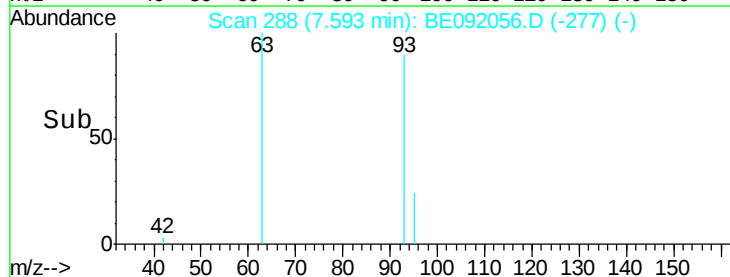
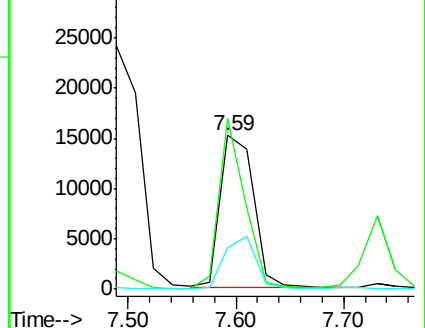
95 32.5 25.8 38.8

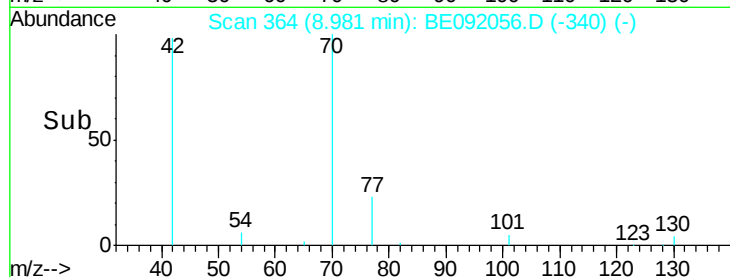
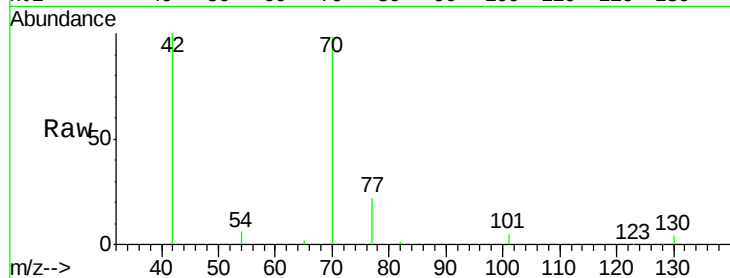
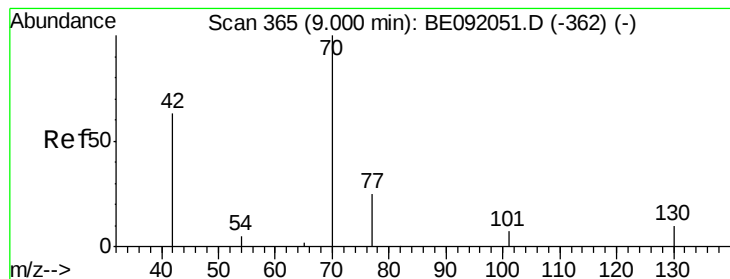


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 12.27 ng

RT: 8.98 min Scan# 364

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 29402

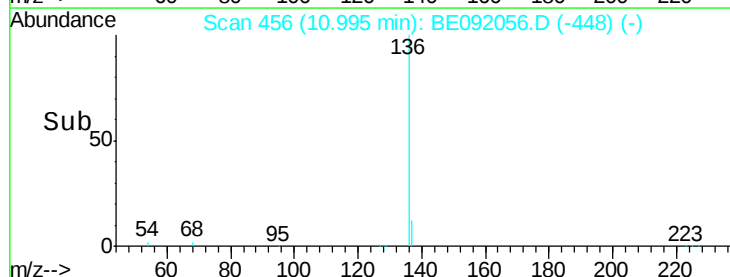
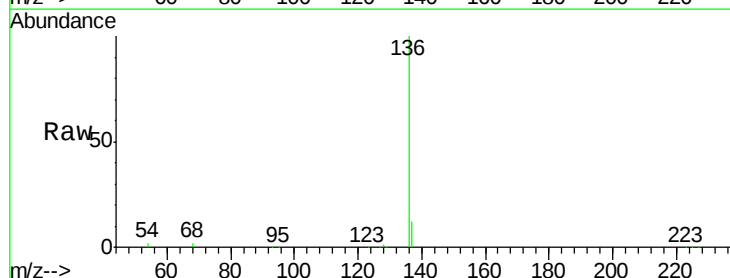
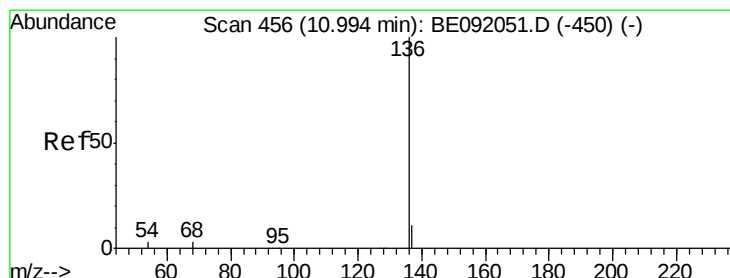
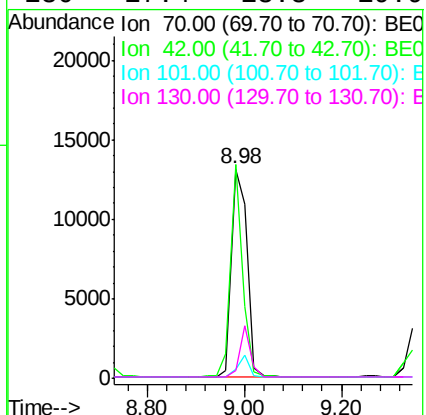
Ion Ratio Lower Upper

70 100

42 78.7 60.2 90.4

101 8.4 6.8 10.2

130 17.4 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: BE092056.D

Acq: 27 Jul 2016 14:32

Tgt Ion: 136 Resp: 48308

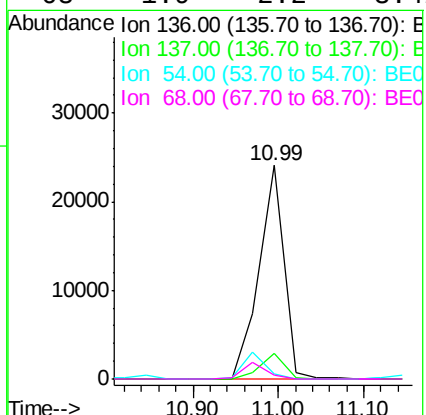
Ion Ratio Lower Upper

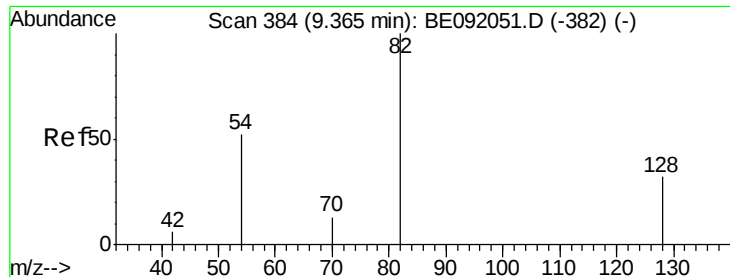
136 100

137 11.9 9.1 13.7

54 2.1 2.7 4.1#

68 1.9 2.2 3.4#





#9

Nitrobenzene-d5

Concen: 10.55 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

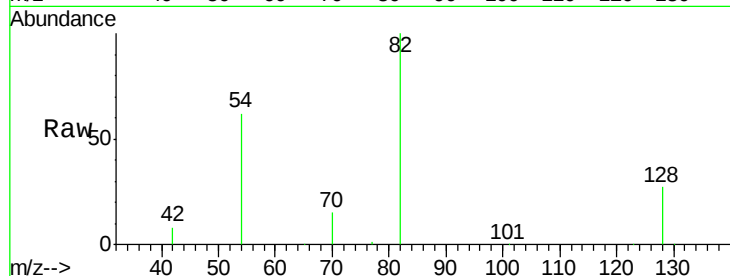
Tgt Ion: 82 Resp: 38213

Ion Ratio Lower Upper

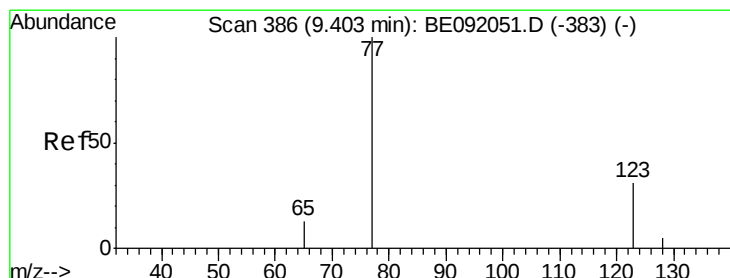
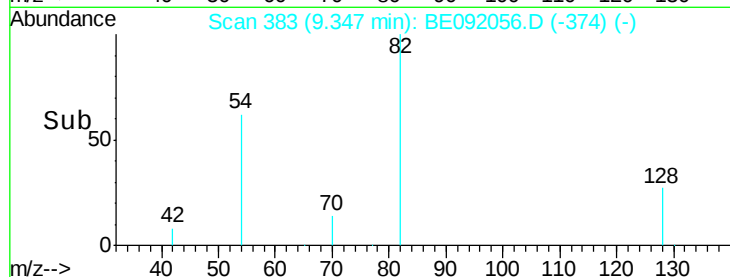
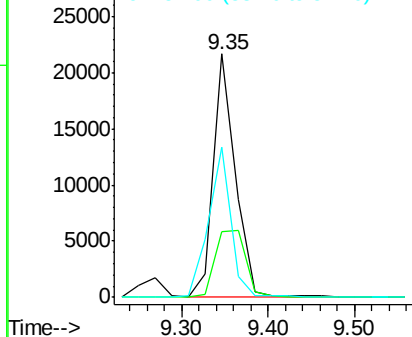
82 100

128 26.7 33.0 49.4#

54 61.7 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



#10

Nitrobenzene

Concen: 12.37 ng

RT: 9.38 min Scan# 385

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

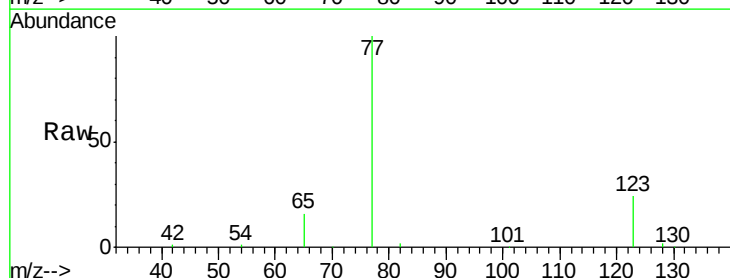
Tgt Ion: 77 Resp: 42480

Ion Ratio Lower Upper

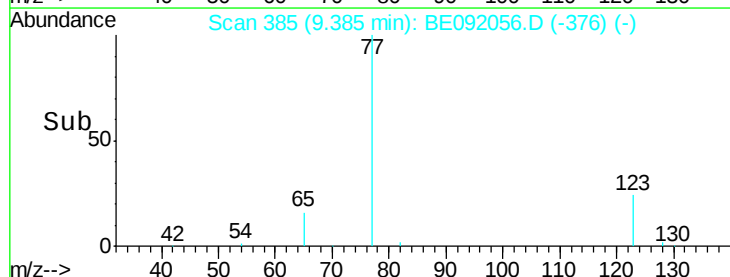
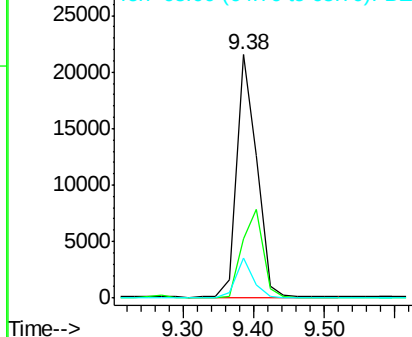
77 100

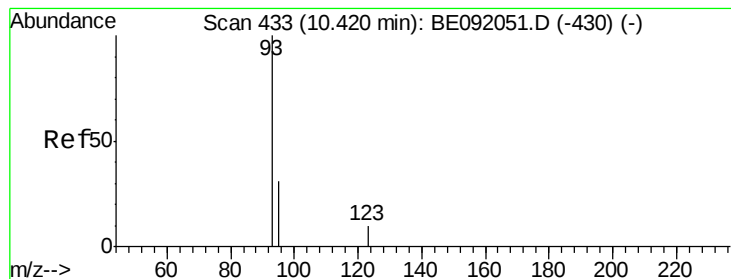
123 38.5 29.9 44.9

65 14.2 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: 11.88 ng

RT: 10.40 min Scan# 432

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

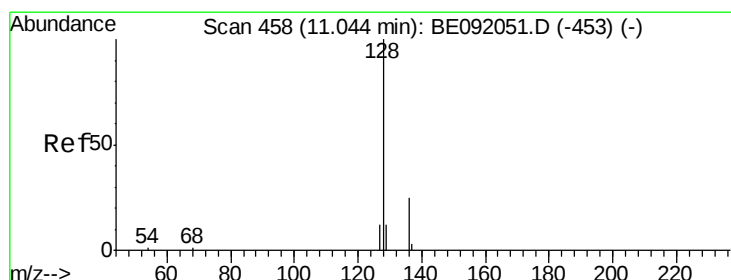
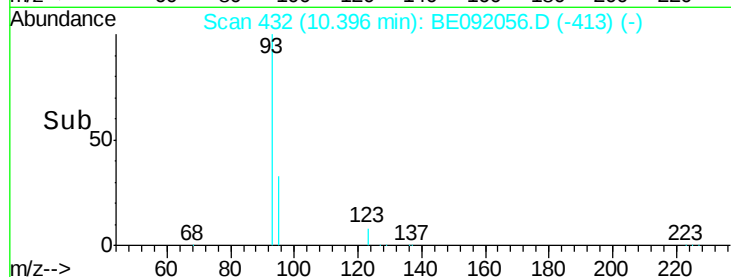
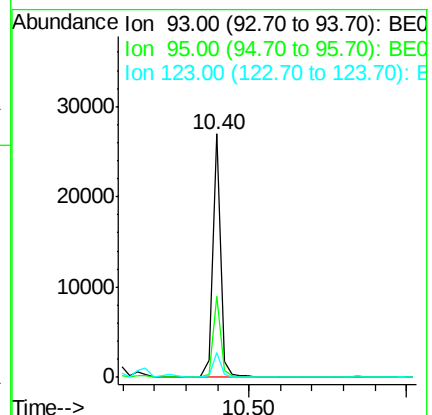
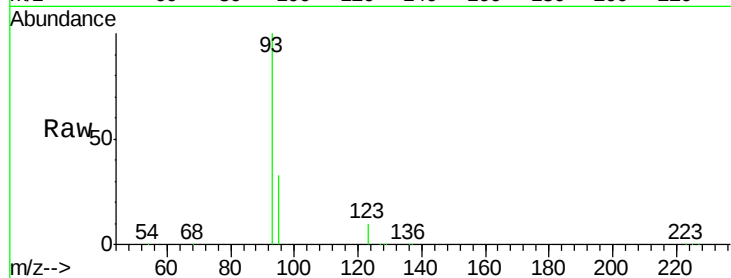
Tgt Ion: 93 Resp: 46780

Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.6

123 10.2 7.8 11.8



#12

Naphthalene

Concen: 9.56 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

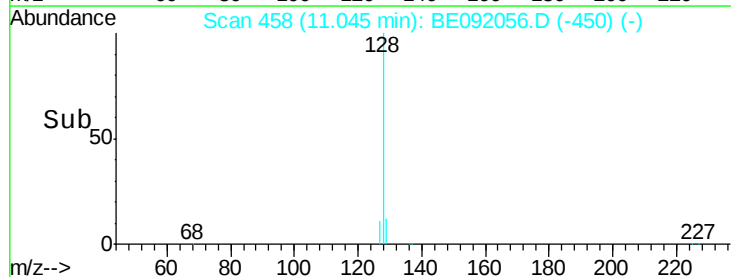
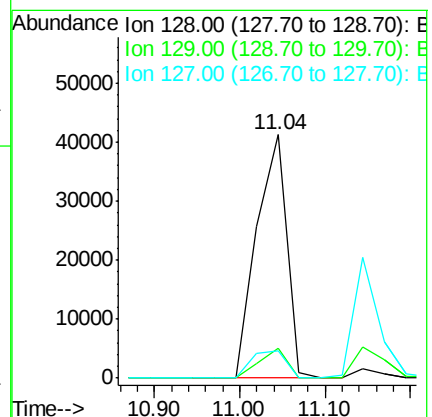
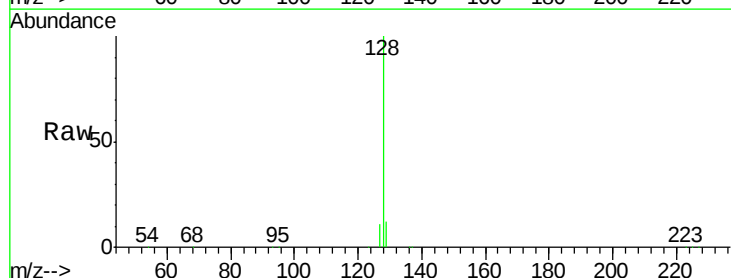
Tgt Ion: 128 Resp: 101601

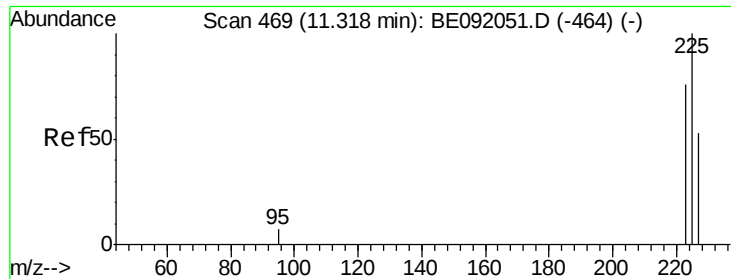
Ion Ratio Lower Upper

128 100

129 12.4 11.1 16.7

127 11.1 11.3 16.9#

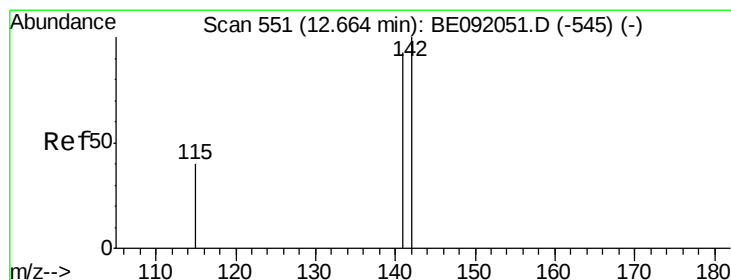
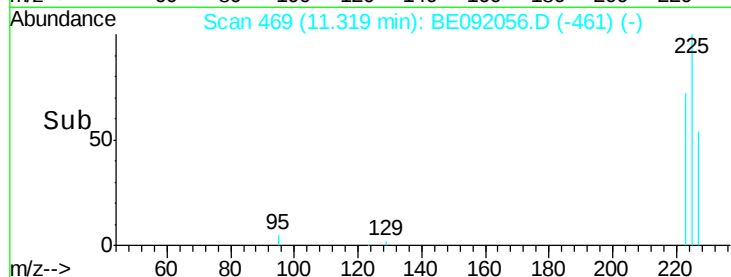
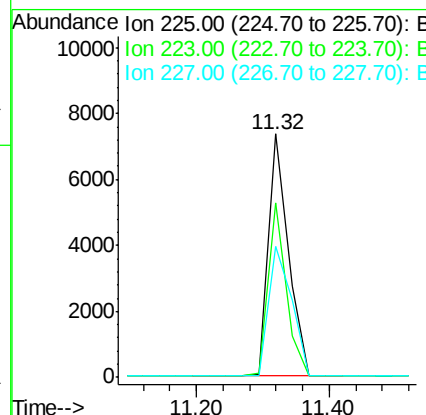
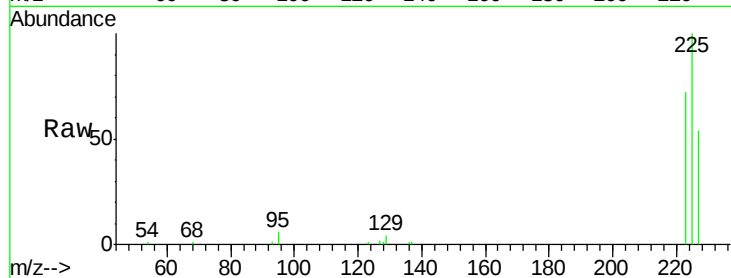




#13
Hexachlorobutadiene
Concen: 9.47 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

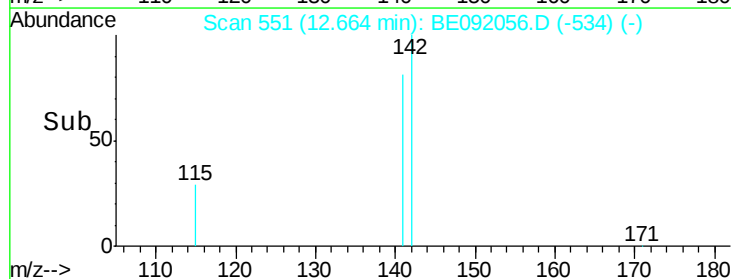
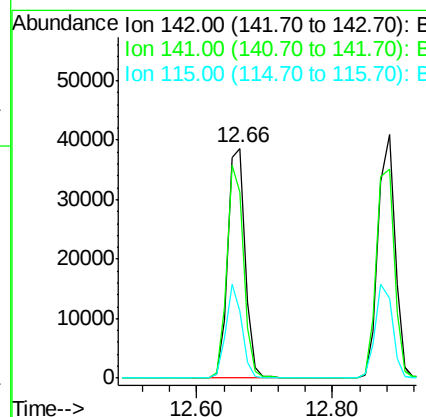
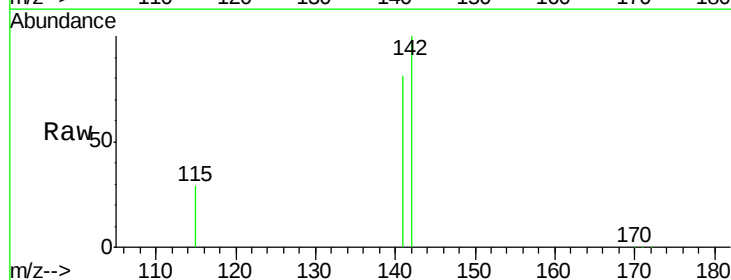
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

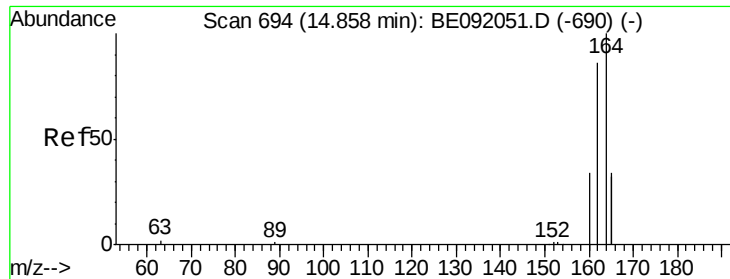
Tgt Ion: 225 Resp: 15198
Ion Ratio Lower Upper
225 100
223 64.7 51.9 77.9
227 62.0 0.0 0.0#



#14
2-Methylnaphthalene
Concen: 10.28 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

Tgt Ion: 142 Resp: 70241
Ion Ratio Lower Upper
142 100
141 80.7 65.1 97.7
115 29.2 27.0 40.4

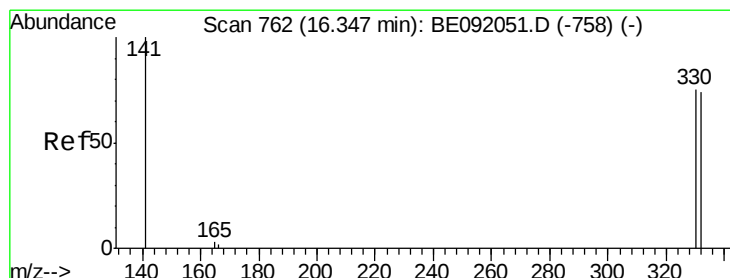
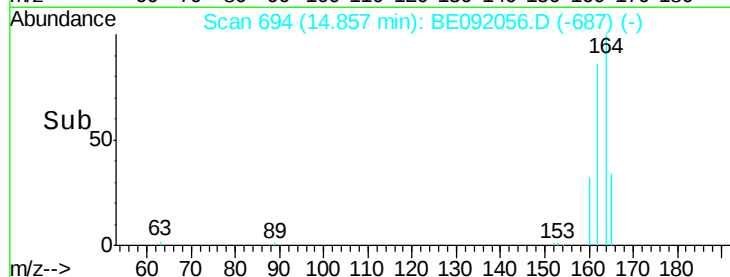
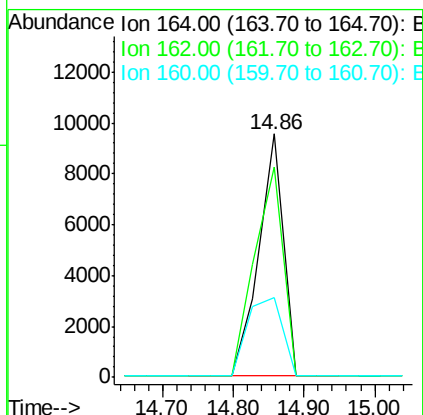
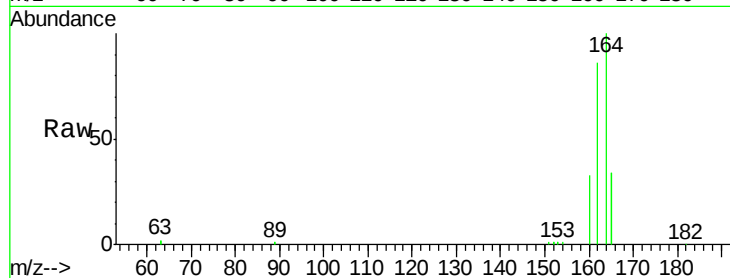




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

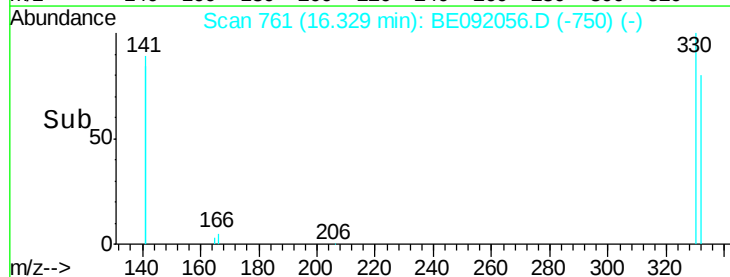
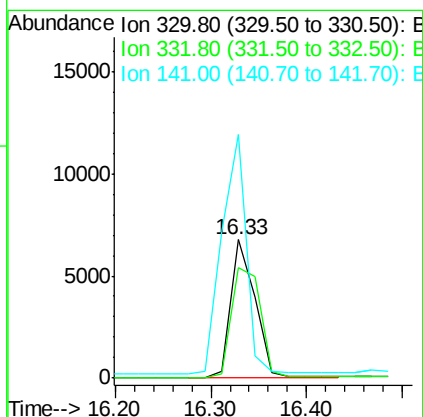
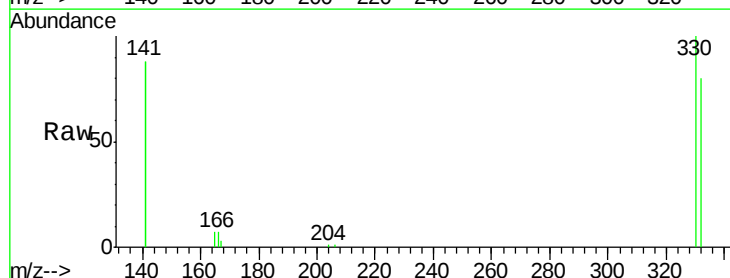
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

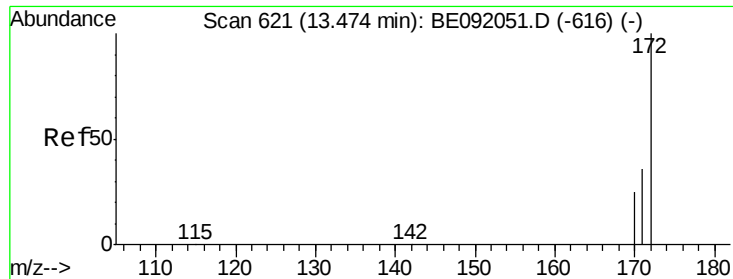
Tgt Ion:164 Resp: 22792
Ion Ratio Lower Upper
164 100
162 86.3 69.5 104.3
160 32.5 27.6 41.4



#16
2,4,6-Tribromophenol
Concen: 14.19 ng
RT: 16.33 min Scan# 761
Delta R.T. -0.02 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

Tgt Ion:330 Resp: 11727
Ion Ratio Lower Upper
330 100
332 95.8 74.2 111.4
141 177.4 139.8 209.8

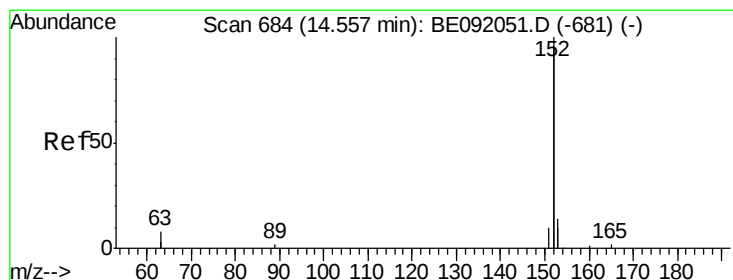
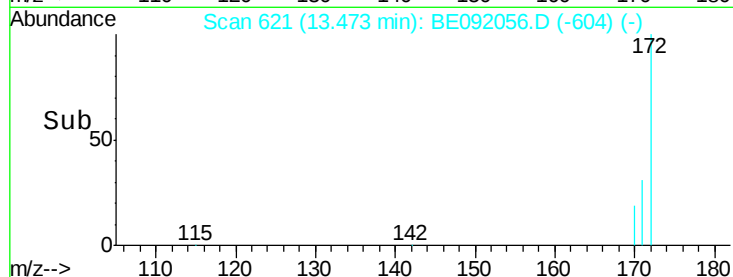
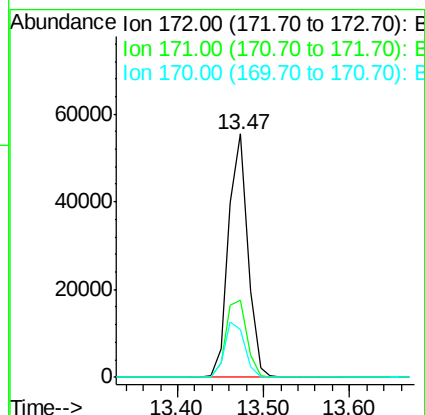
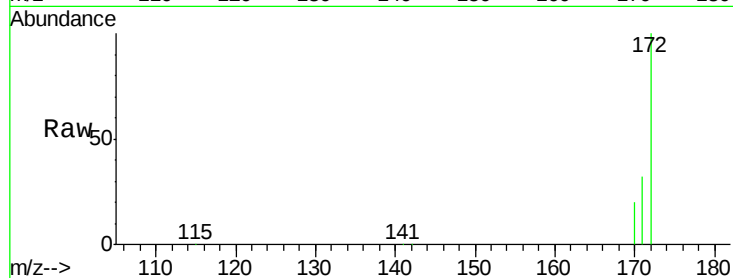




#17
 2-Fluorobiphenyl
 Concen: 9.37 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

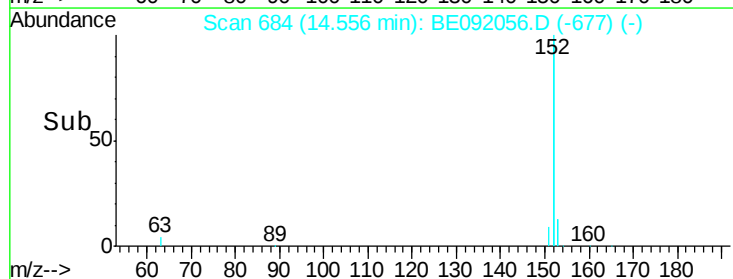
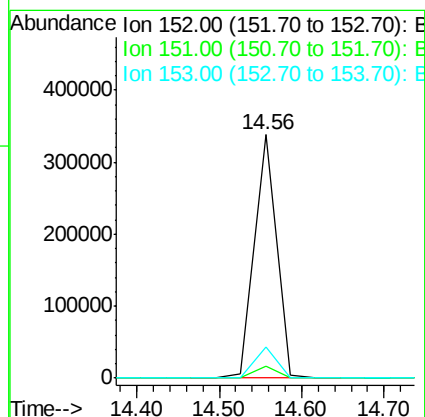
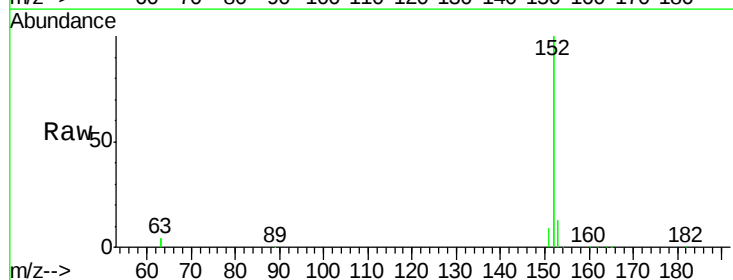
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

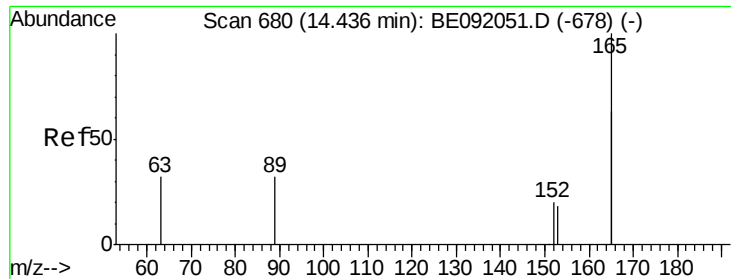
Tgt Ion:172 Resp: 85921
 Ion Ratio Lower Upper
 172 100
 171 31.7 30.3 45.5
 170 19.5 21.6 32.4#



#18
 Acenaphthylene
 Concen: 10.80 ng
 RT: 14.56 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

Tgt Ion:152 Resp: 628642
 Ion Ratio Lower Upper
 152 100
 151 4.7 4.0 6.0
 153 12.7 9.6 14.4

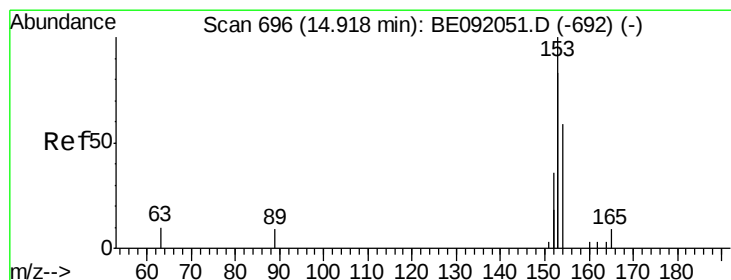
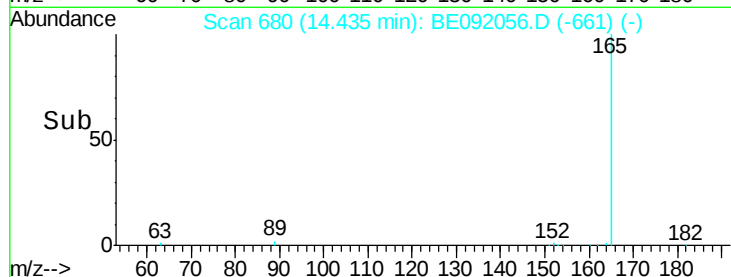
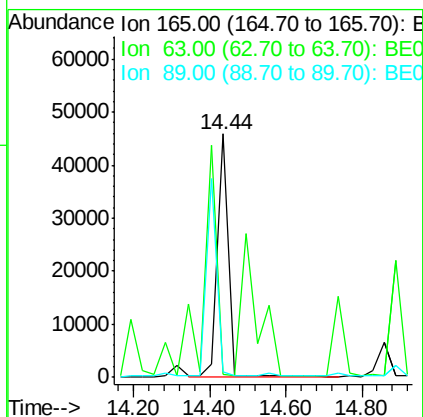
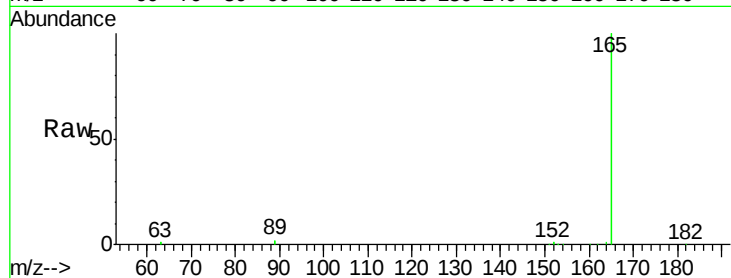




#19
2,6-Dinitrotoluene
Concen: 14.40 ng
RT: 14.44 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

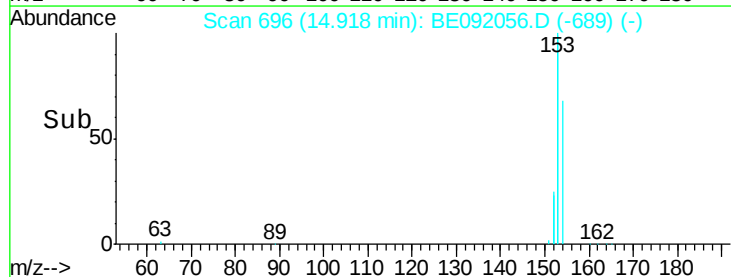
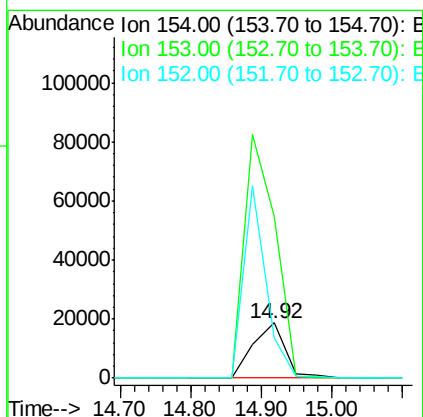
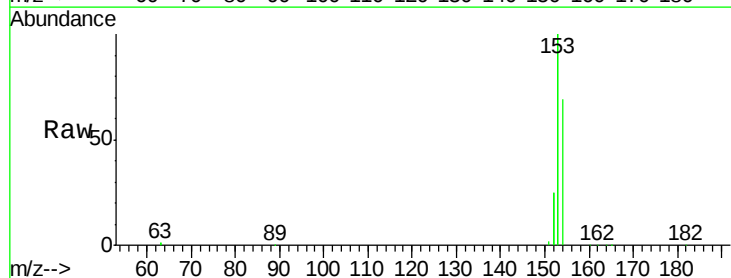
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

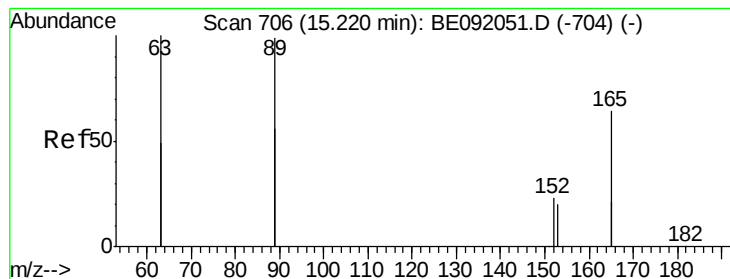
Tgt Ion:165 Resp: 88650
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 0.0 0.0



#20
Acenaphthene
Concen: 9.57 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

Tgt Ion:154 Resp: 59033
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: 18.75 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 142676

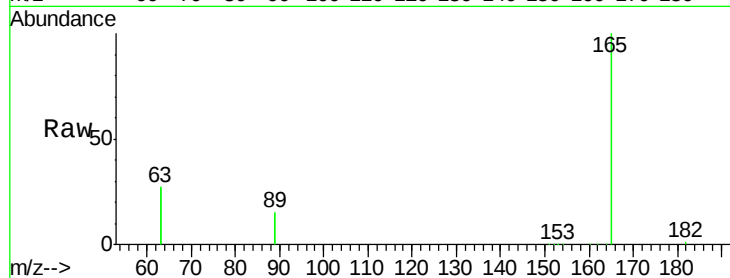
Ion Ratio Lower Upper

165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.5 0.0 0.0#



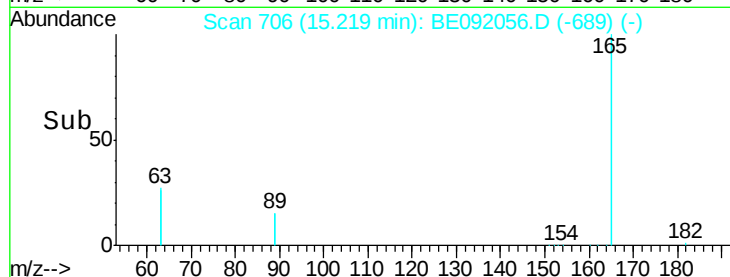
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

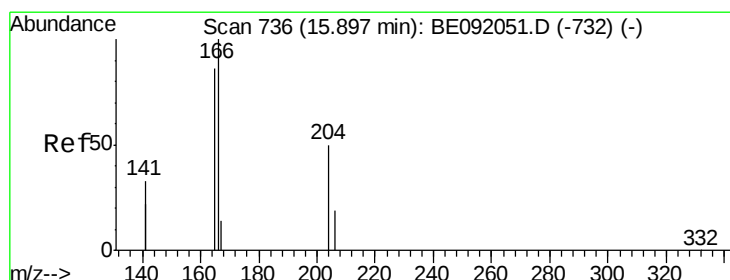
Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#22

Fluorene

Concen: 9.98 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

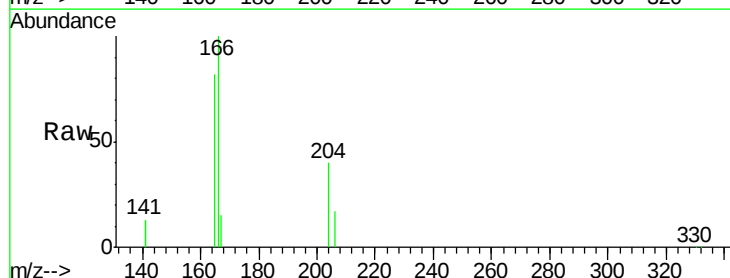
Tgt Ion:166 Resp: 97595

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

167 13.7 11.1 16.7

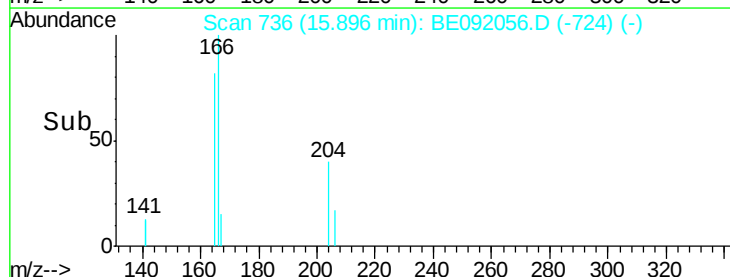


Abundance Ion 166.00 (165.70 to 166.70): E

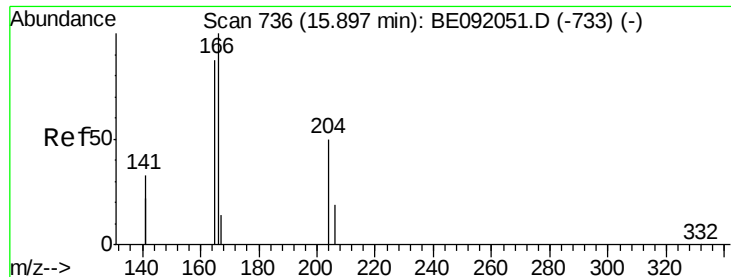
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#23

4-Chlorophenyl-phenylether

Concen: 9.32 ng

RT: 15.88 min Scan# 735

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

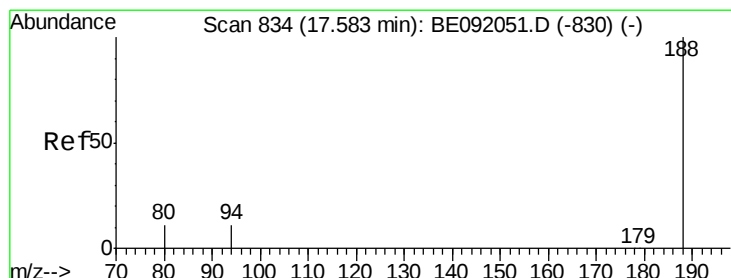
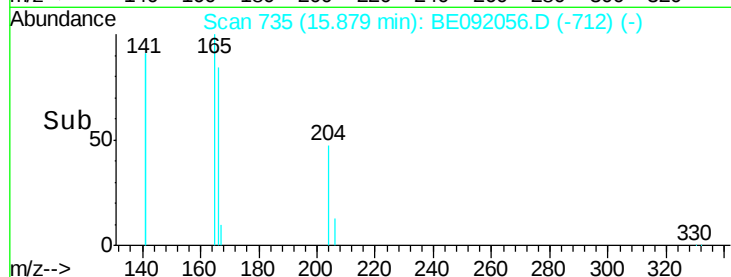
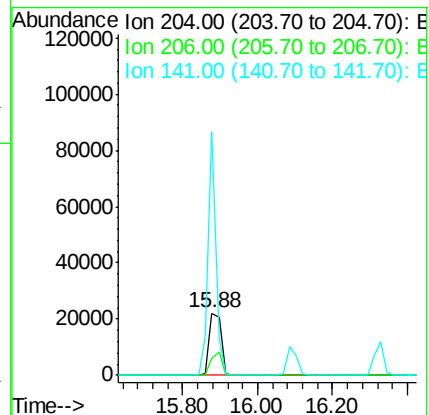
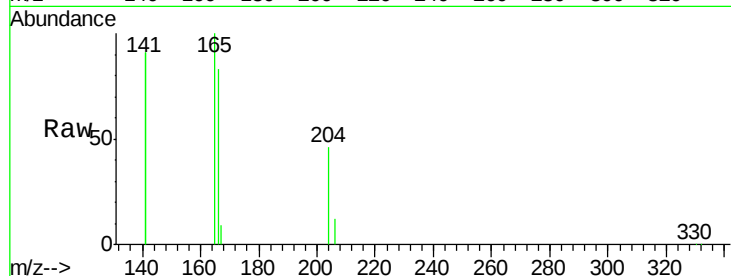
Tgt Ion:204 Resp: 45193

Ion Ratio Lower Upper

204 100

206 33.8 27.0 40.4

141 260.3 198.5 297.7



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

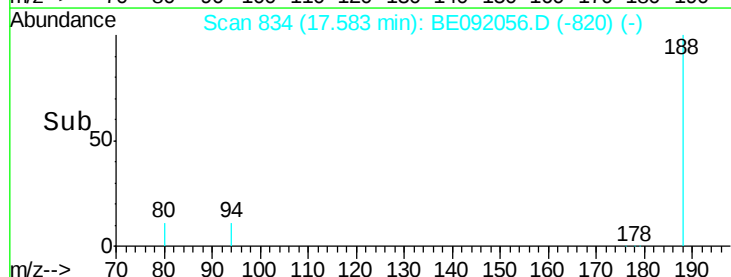
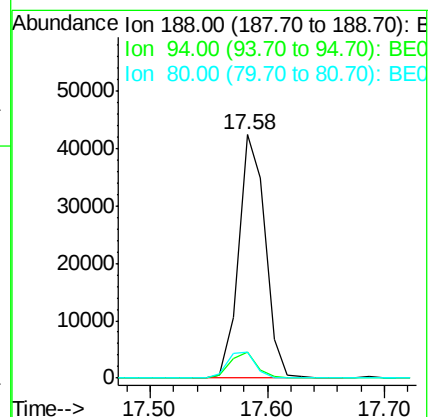
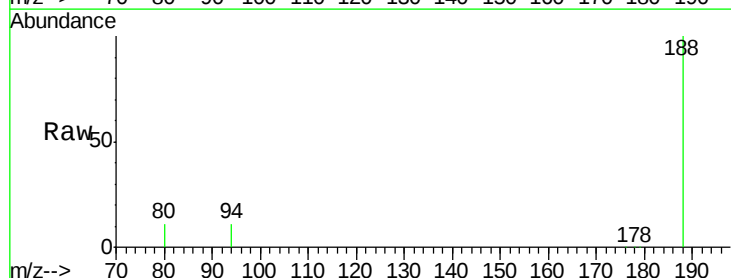
Tgt Ion:188 Resp: 66512

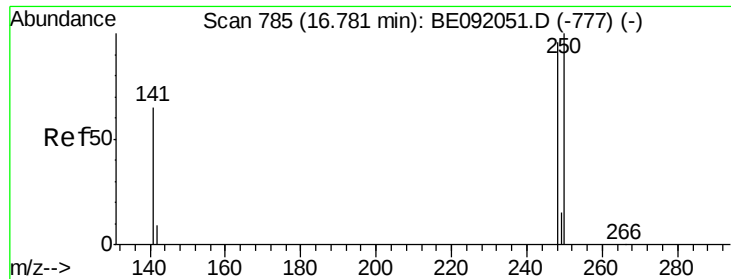
Ion Ratio Lower Upper

188 100

94 10.9 3.9 5.9#

80 10.9 3.4 5.0#

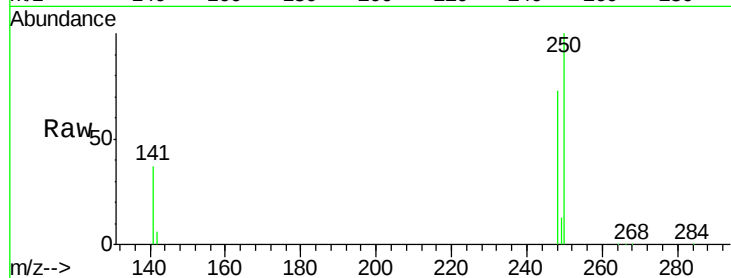




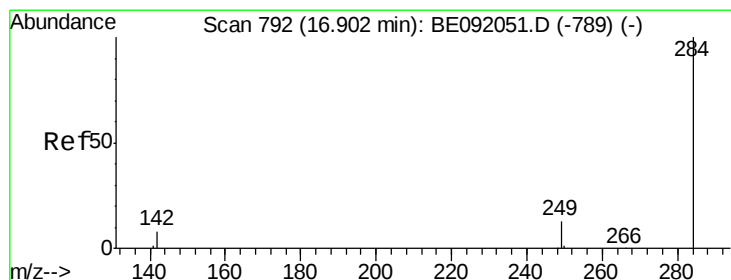
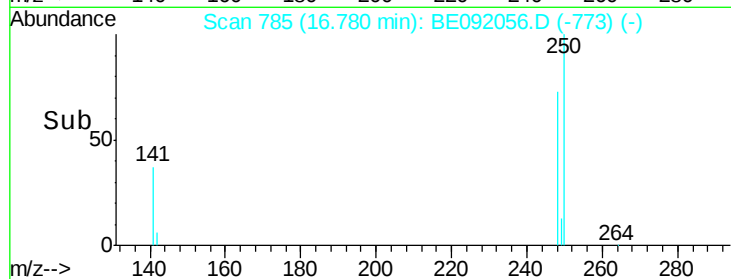
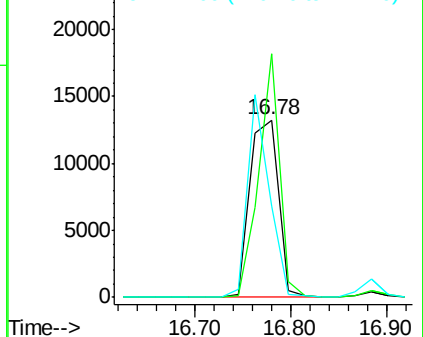
#25
4-Bromophenyl-phenylether
Concen: 9.81 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 27163
Ion Ratio Lower Upper
248 100
250 99.7 79.6 119.4
141 86.3 68.7 103.1

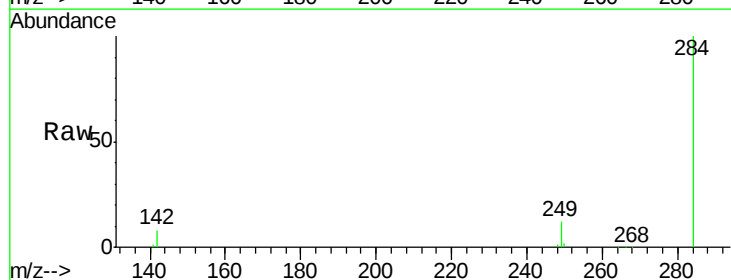


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

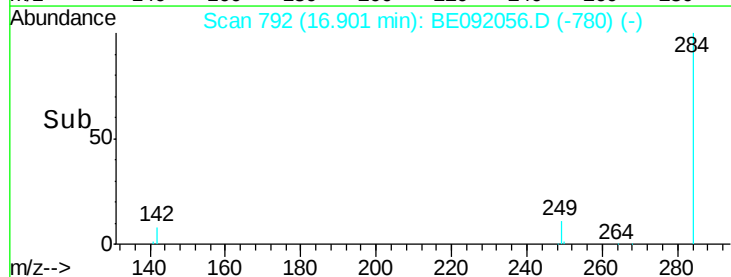
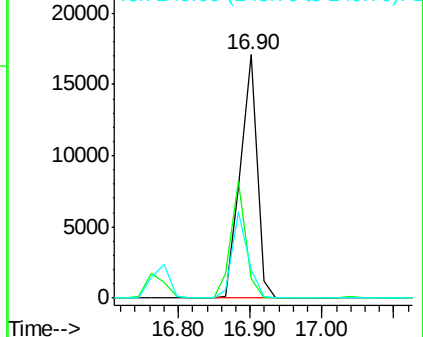


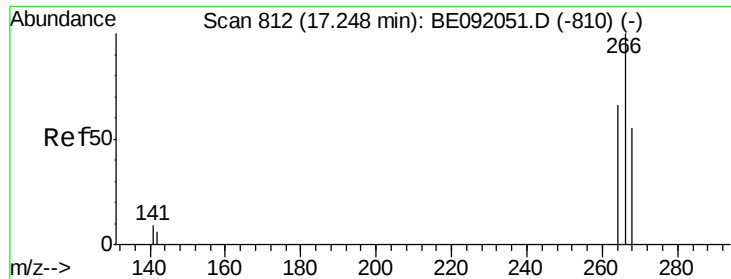
#26
Hexachlorobenzene
Concen: 9.46 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092056.D
Acq: 27 Jul 2016 14:32

Tgt Ion:284 Resp: 27114
Ion Ratio Lower Upper
284 100
142 42.5 33.3 49.9
249 32.8 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: 20.93 ng

RT: 17.23 min Scan# 811

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

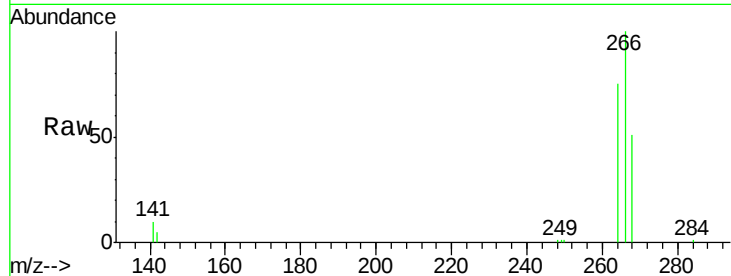
Tgt Ion:266 Resp: 14353

Ion Ratio Lower Upper

266 100

268 51.2 62.7 94.1#

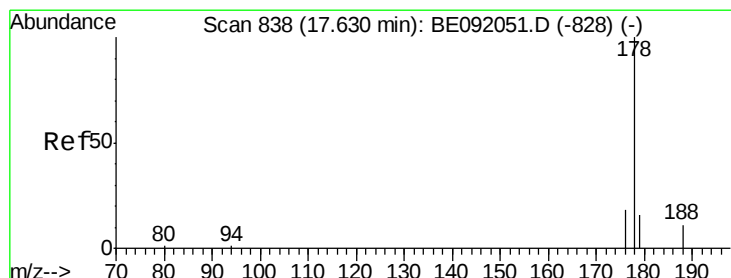
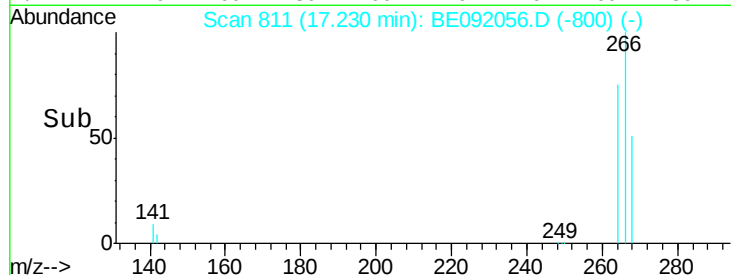
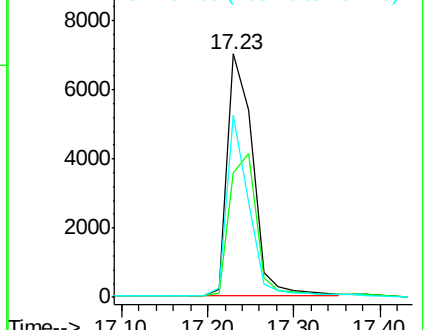
264 75.0 63.5 95.3



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: 9.37 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

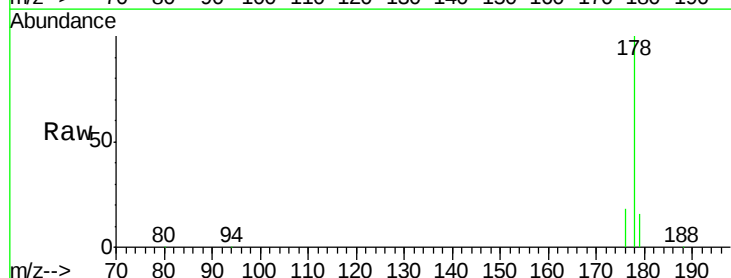
Tgt Ion:178 Resp: 160230

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

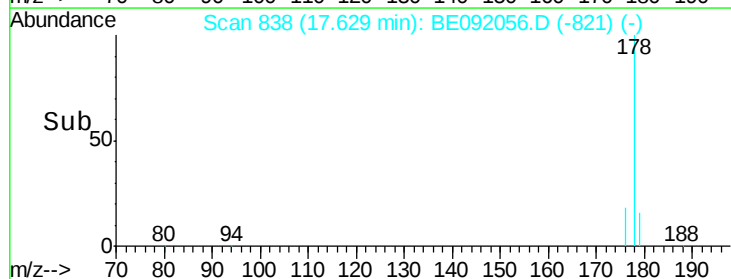
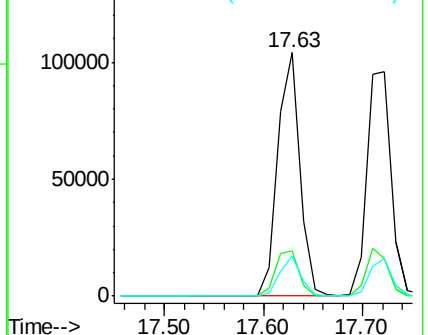
179 15.5 12.7 19.1

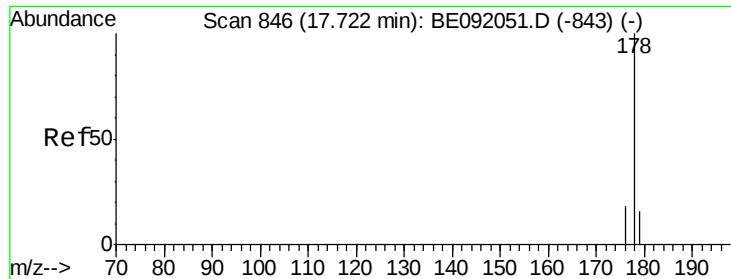


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 10.61 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

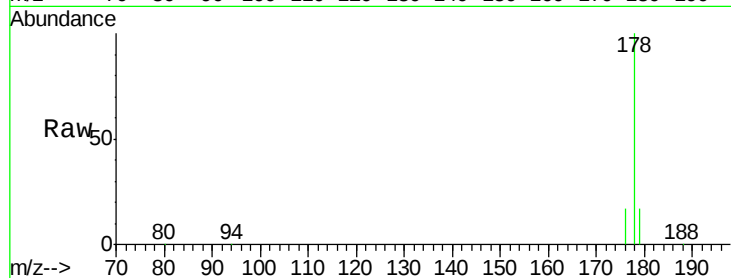
Tgt Ion:178 Resp: 163231

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

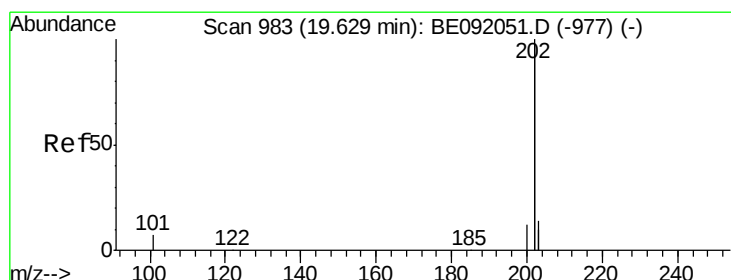
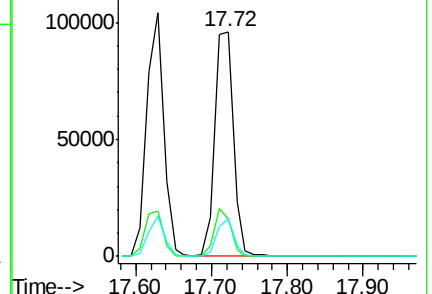
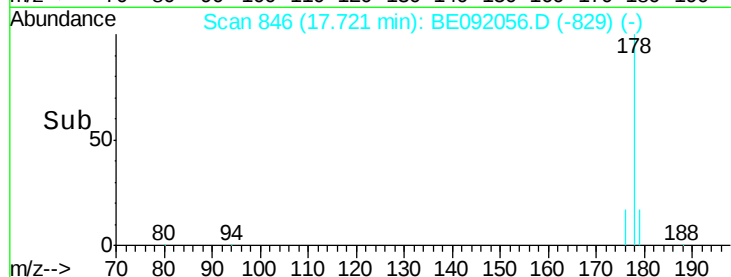
179 15.3 12.2 18.4



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: 10.42 ng

RT: 19.63 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

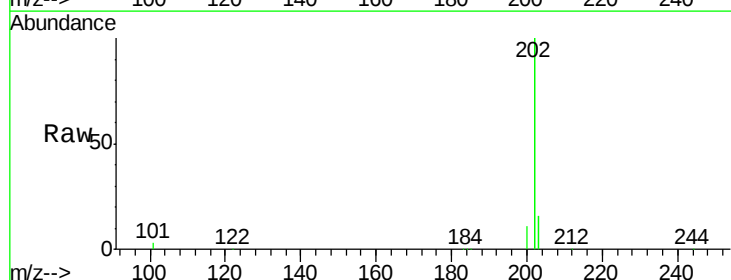
Tgt Ion:202 Resp: 804285

Ion Ratio Lower Upper

202 100

101 2.3 2.2 3.2

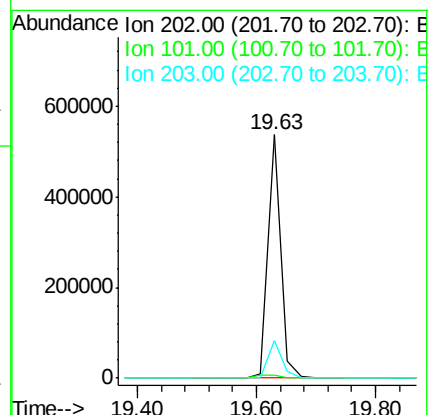
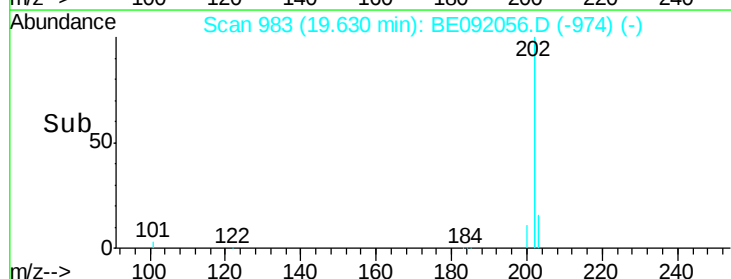
203 16.7 13.0 19.4

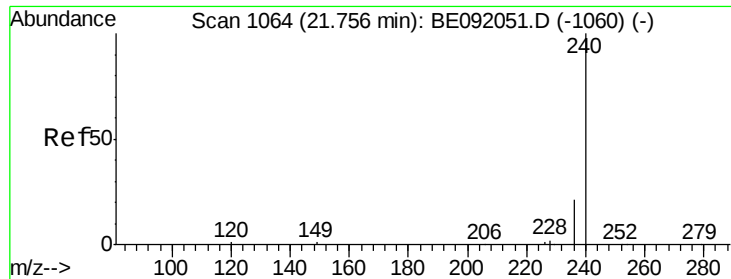


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

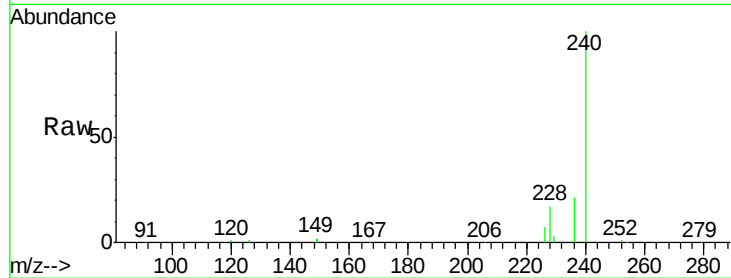
Tgt Ion:240 Resp: 69615

Ion Ratio Lower Upper

240 100

120 0.7 0.6 1.0

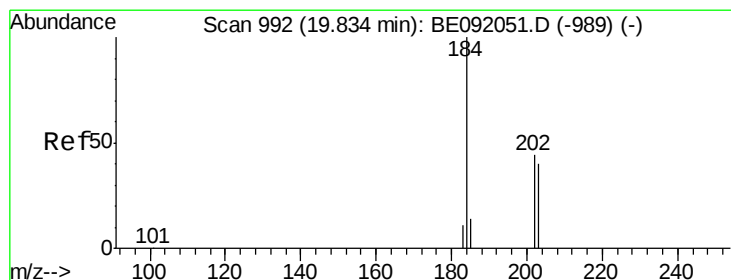
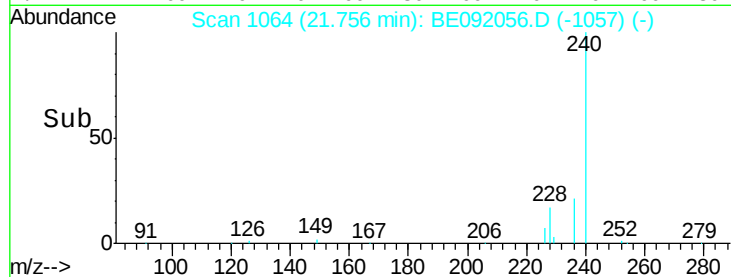
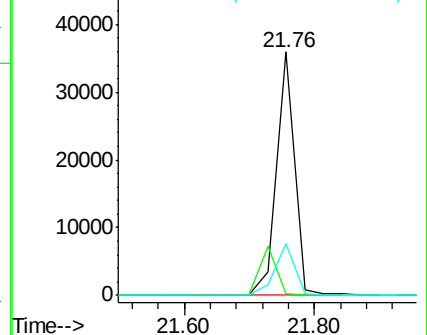
236 21.4 18.2 27.4



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: 25.55 ng

RT: 19.81 min Scan# 991

Delta R.T. -0.02 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

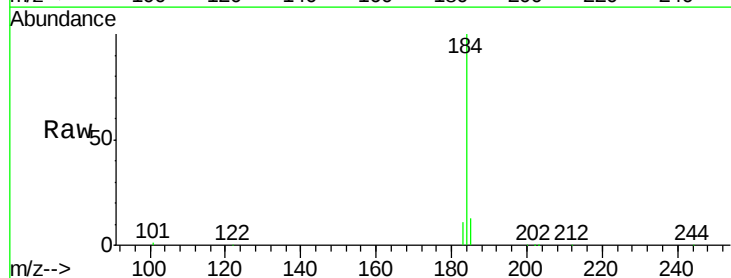
Tgt Ion:184 Resp: 95481

Ion Ratio Lower Upper

184 100

185 13.3 23.8 35.6#

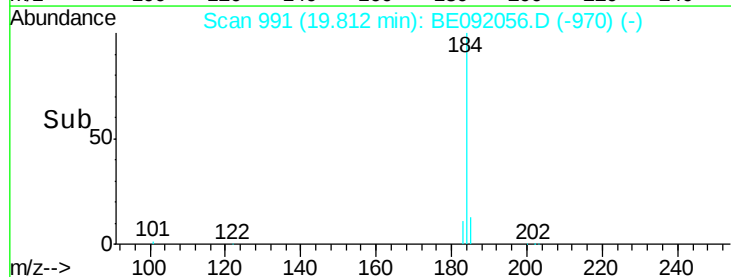
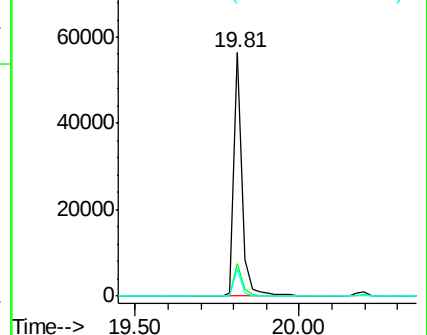
183 11.4 20.7 31.1#

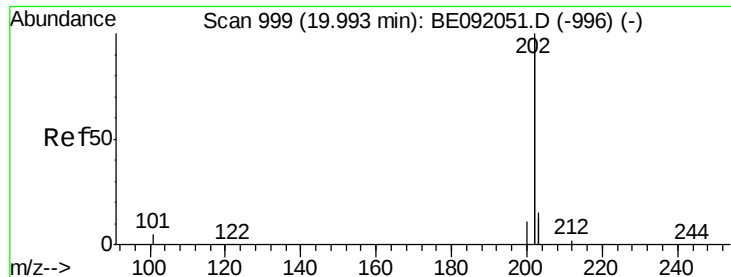


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

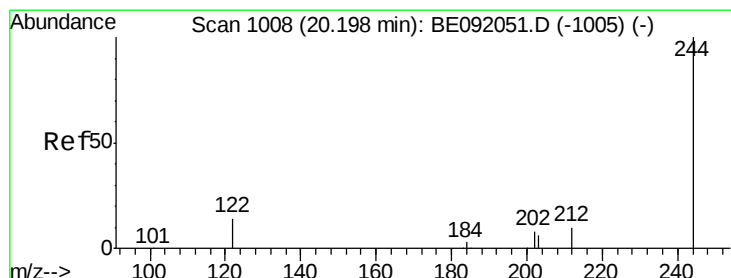
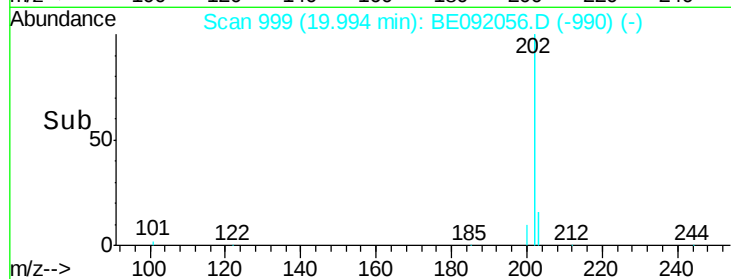
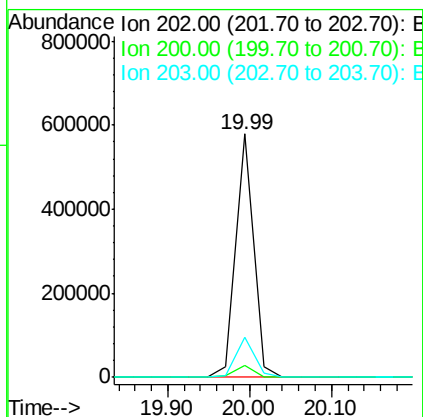
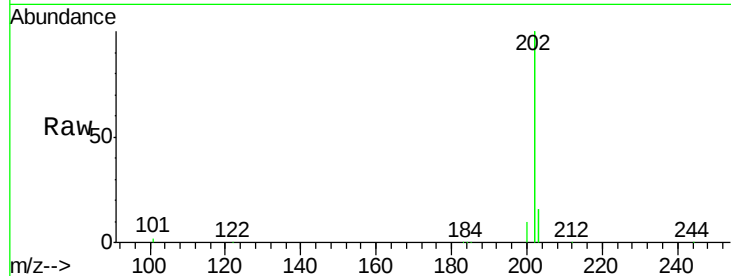




#33
 Pyrene
 Concen: 9.81 ng
 RT: 19.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

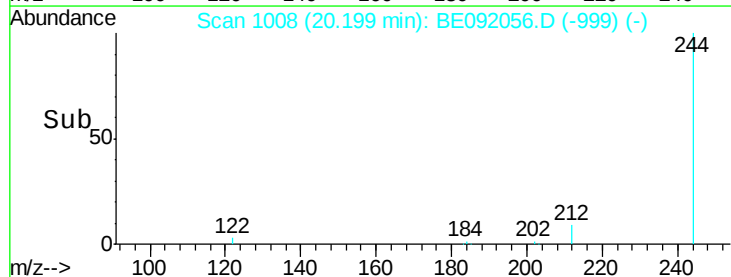
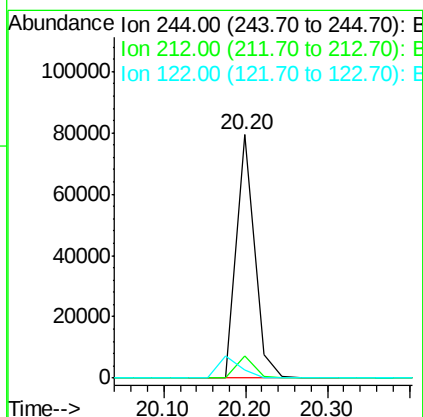
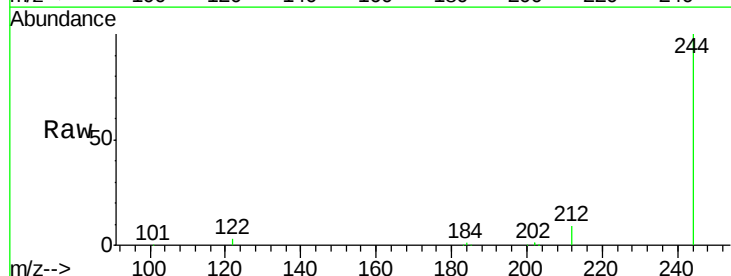
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

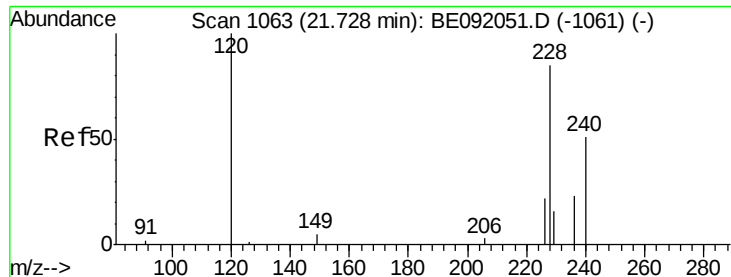
Tgt Ion: 202 Resp: 863303
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.4 6.6
 203 16.8 13.4 20.0



#34
 Terphenyl-d14
 Concen: 8.84 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

Tgt Ion: 244 Resp: 120107
 Ion Ratio Lower Upper
 244 100
 212 9.3 9.1 13.7
 122 3.2 11.0 16.4#





#35

Benzo(a)anthracene

Concen: 12.90 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

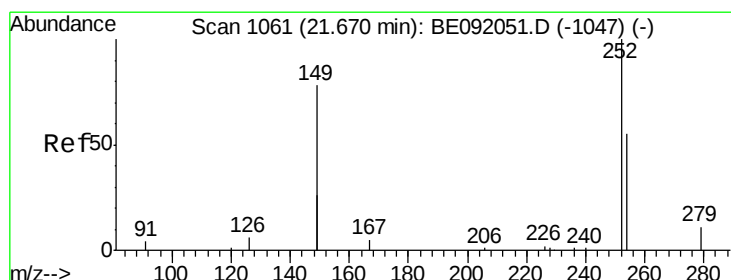
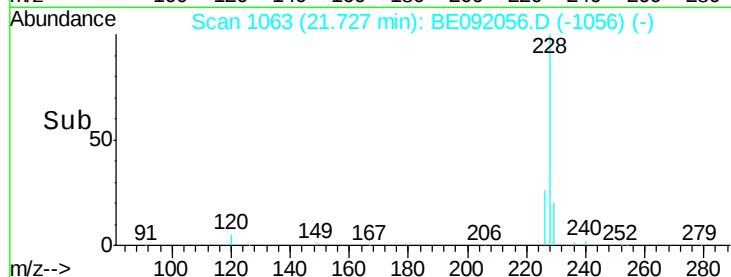
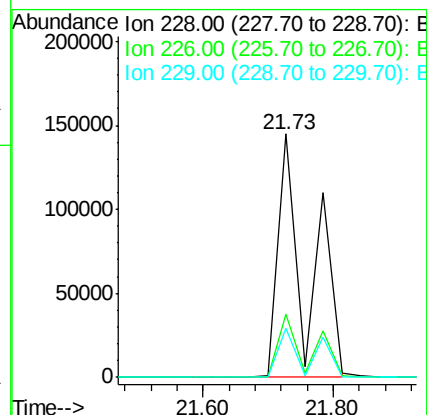
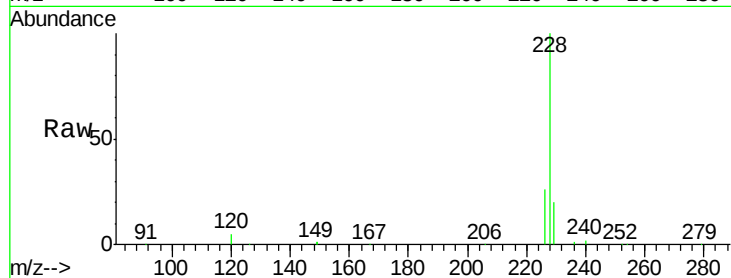
Tgt Ion:228 Resp: 453663

Ion Ratio Lower Upper

228 100

226 25.8 22.1 33.1

229 20.2 15.1 22.7



#36

3,3'-Dichlorobenzidine

Concen: 16.17 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

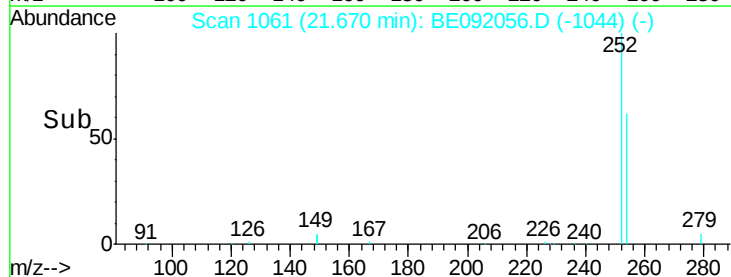
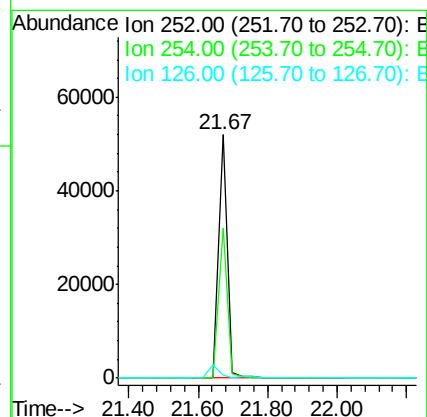
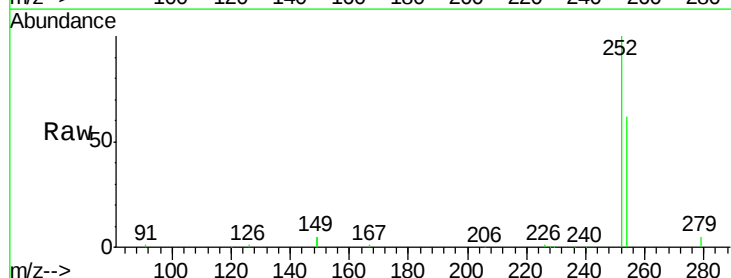
Tgt Ion:252 Resp: 93211

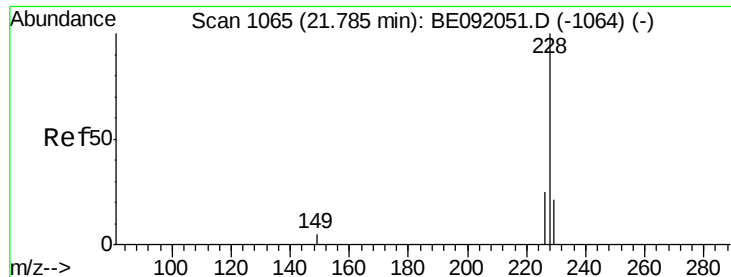
Ion Ratio Lower Upper

252 100

254 61.8 44.2 66.2

126 1.3 10.6 15.8#





#37

Chrysene

Concen: 13.49 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

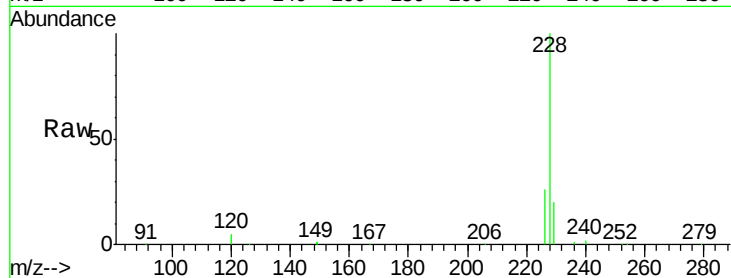
Tgt Ion:228 Resp: 455957

Ion Ratio Lower Upper

228 100

226 25.8 22.3 33.5

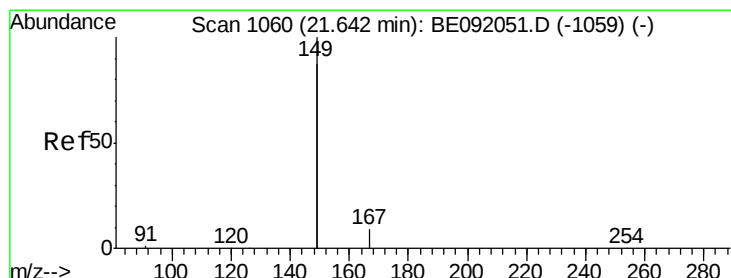
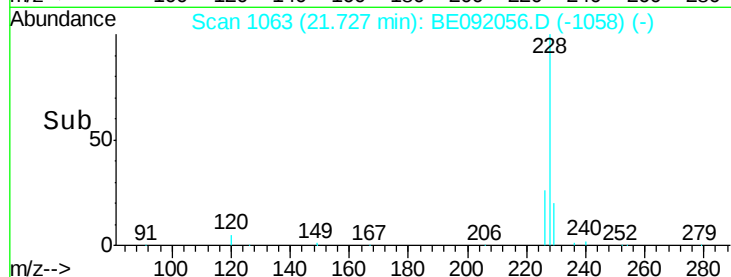
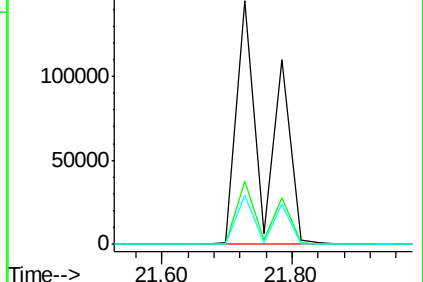
229 20.2 16.9 25.3



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: 9.26 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

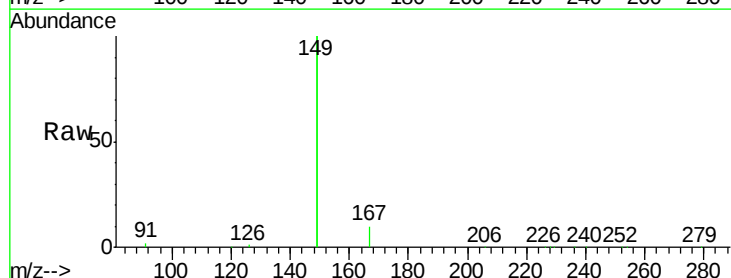
Tgt Ion:149 Resp: 680440

Ion Ratio Lower Upper

149 100

167 5.0 3.8 5.6

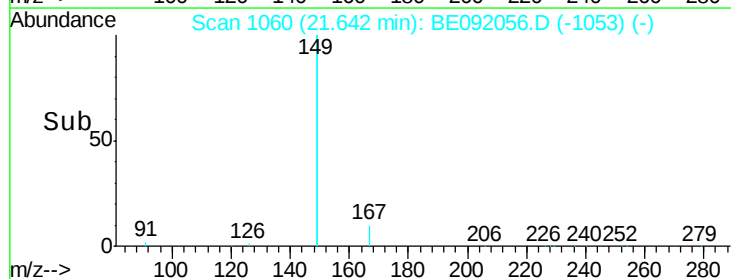
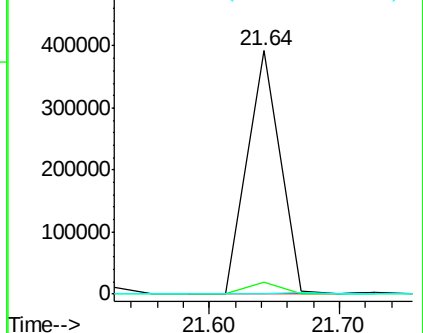
279 0.0 0.0 0.0

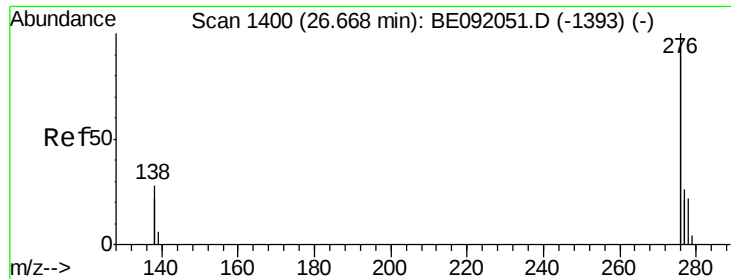


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

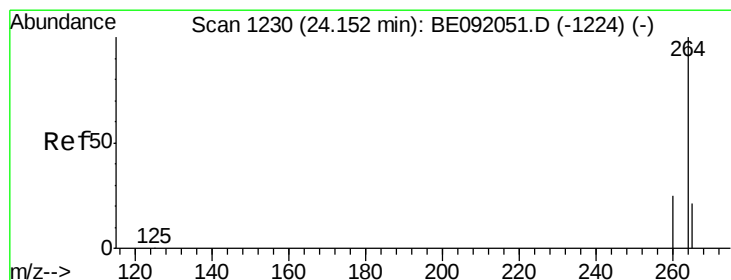
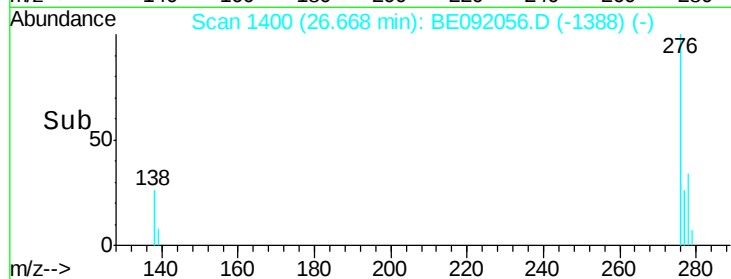
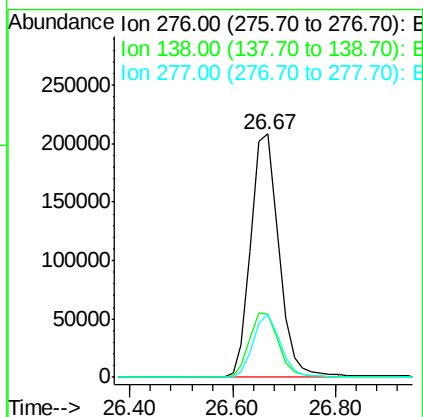
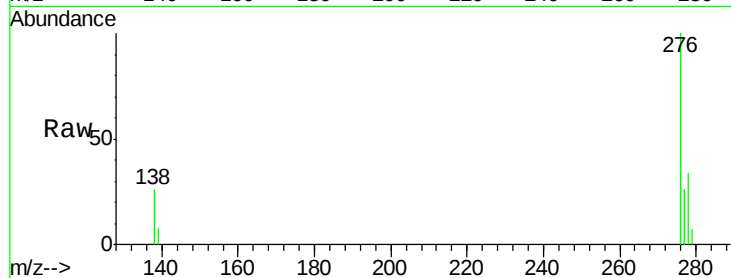




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 9.80 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

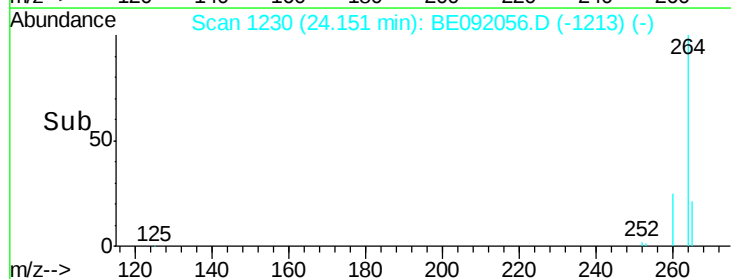
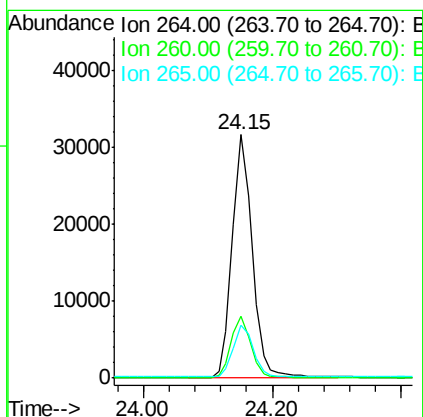
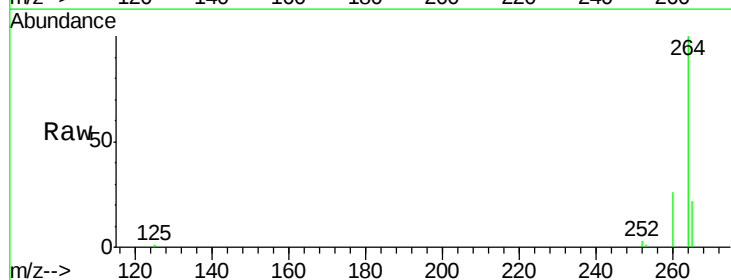
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

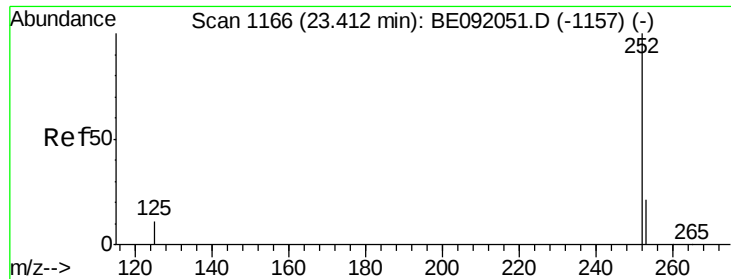
Tgt Ion: 276 Resp: 782476
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.2 31.8
 277 24.9 19.8 29.8



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BE092056.D
 Acq: 27 Jul 2016 14:32

Tgt Ion: 264 Resp: 68097
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.8 31.2
 265 21.6 16.6 25.0





#41

Benzo(b)fluoranthene

Concen: 7.32 ng

RT: 23.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

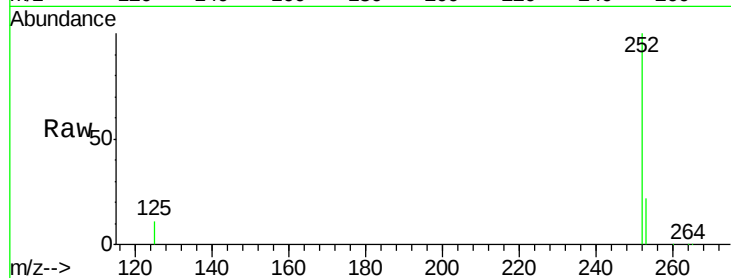
Tgt Ion:252 Resp: 179284

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

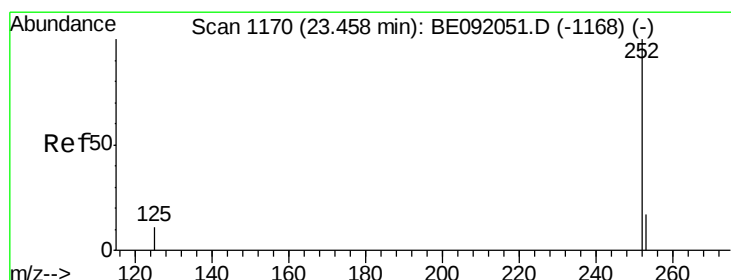
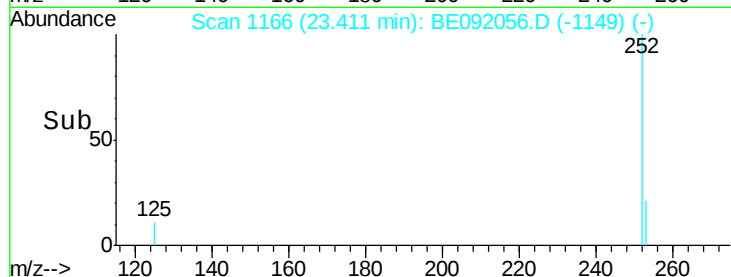
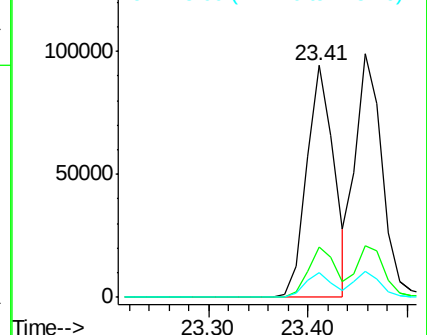
125 10.6 10.2 15.2



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: 7.73 ng

RT: 23.46 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

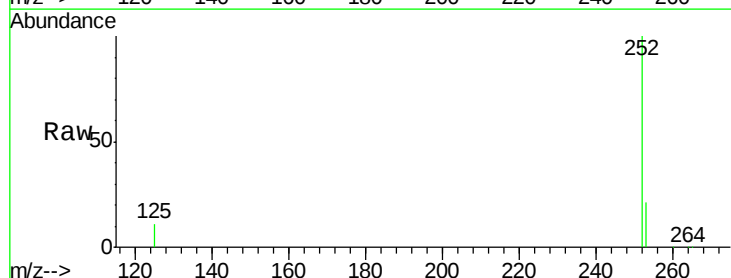
Tgt Ion:252 Resp: 185008

Ion Ratio Lower Upper

252 100

253 21.1 19.4 29.0

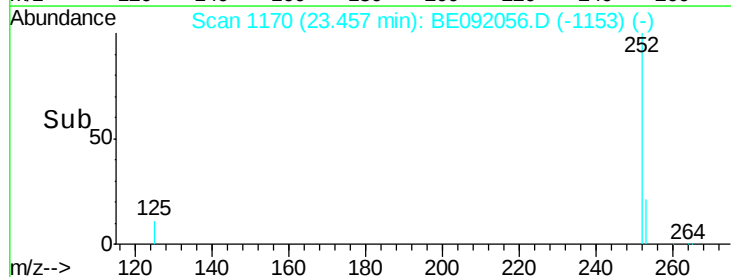
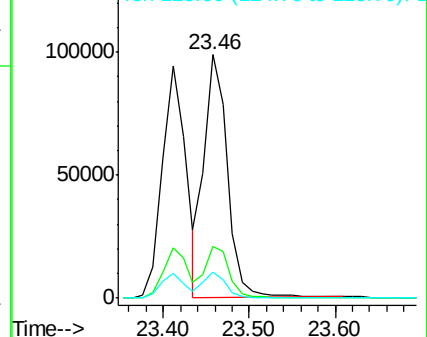
125 10.9 8.9 13.3

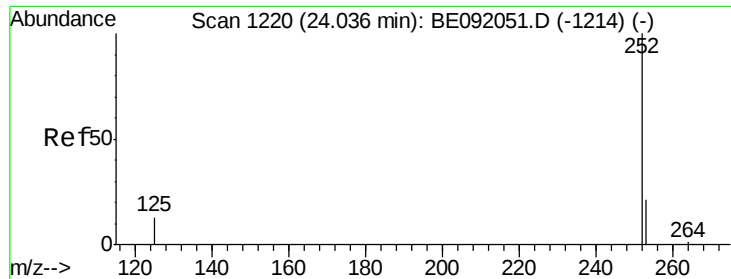


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 9.25 ng

RT: 24.04 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

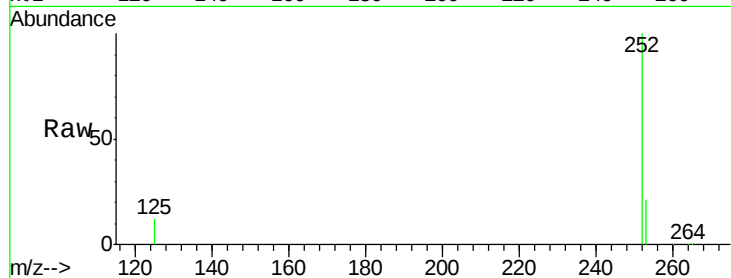
Tgt Ion:252 Resp: 172966

Ion Ratio Lower Upper

252 100

253 21.0 19.8 29.8

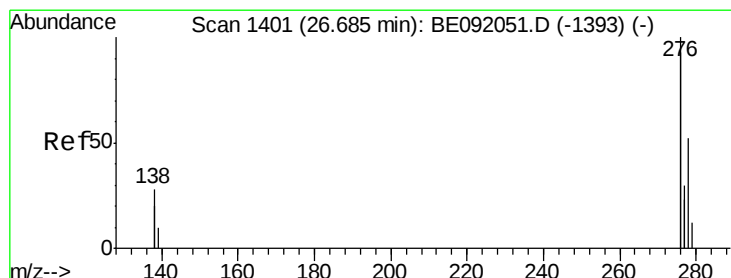
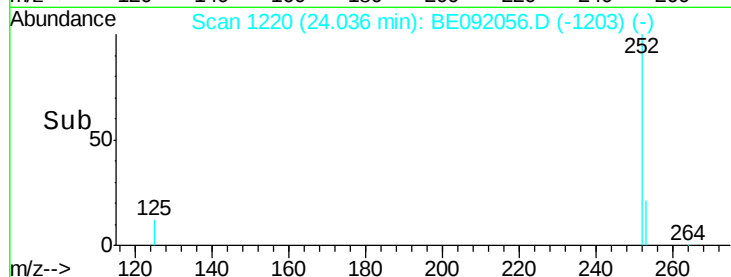
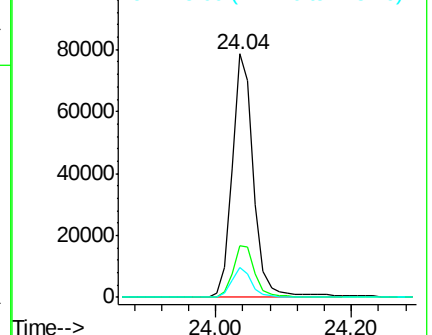
125 12.0 10.4 15.6



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: 10.74 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092056.D

Acq: 27 Jul 2016 14:32

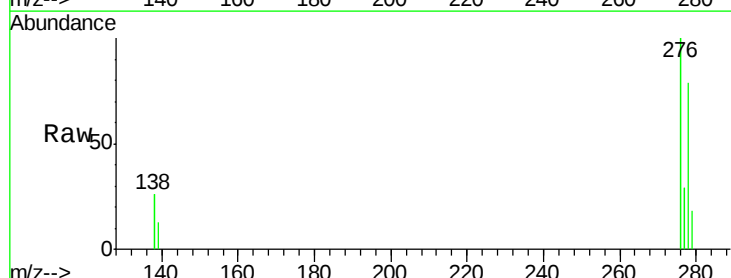
Tgt Ion:278 Resp: 162817

Ion Ratio Lower Upper

278 100

139 16.4 16.7 25.1#

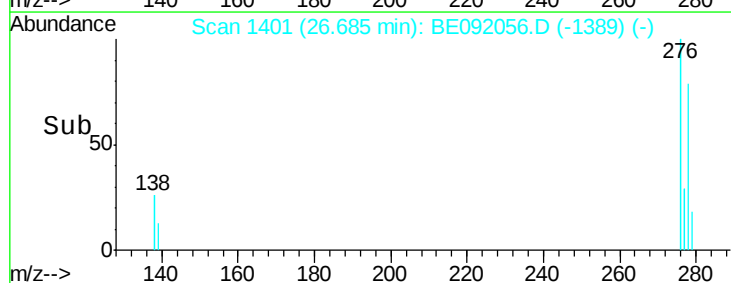
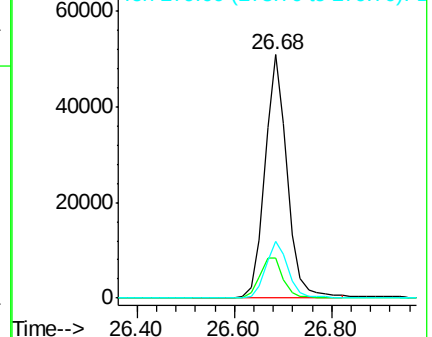
279 23.3 20.3 30.5

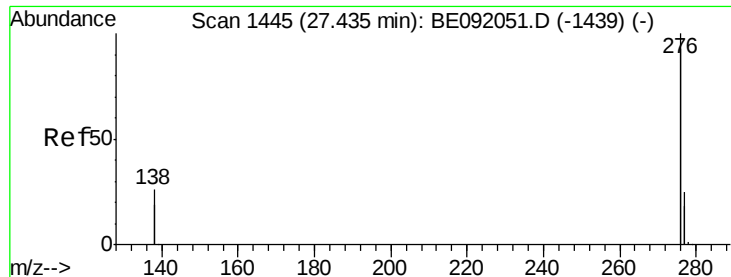


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.55 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092056.D

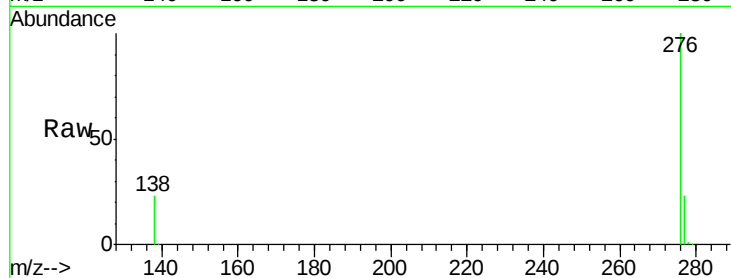
Acq: 27 Jul 2016 14:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 666610

Ion Ratio Lower Upper

276 100

277 22.8 19.5 29.3

138 22.8 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

