

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090216\
 Data File : BE092342.D
 Acq On : 2 Sep 2016 14:22
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Sep 02 16:28:06 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 16:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10236	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	46088	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	28752	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	68061	5.00	ng	0.00
24) Chrysene-d12	21.75	240	88796	5.00	ng	0.00
31) Perylene-d12	24.10	264	97414	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	262	0.10	ng	0.00
5) Phenol-d6	7.36	99	328	0.09	ng	0.00
8) Nitrobenzene-d5	9.36	82	370	0.11	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	94	0.08	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	1038	0.12	ng	0.00
26) Terphenyl-d14	20.19	244	1643	0.13	ng	0.02

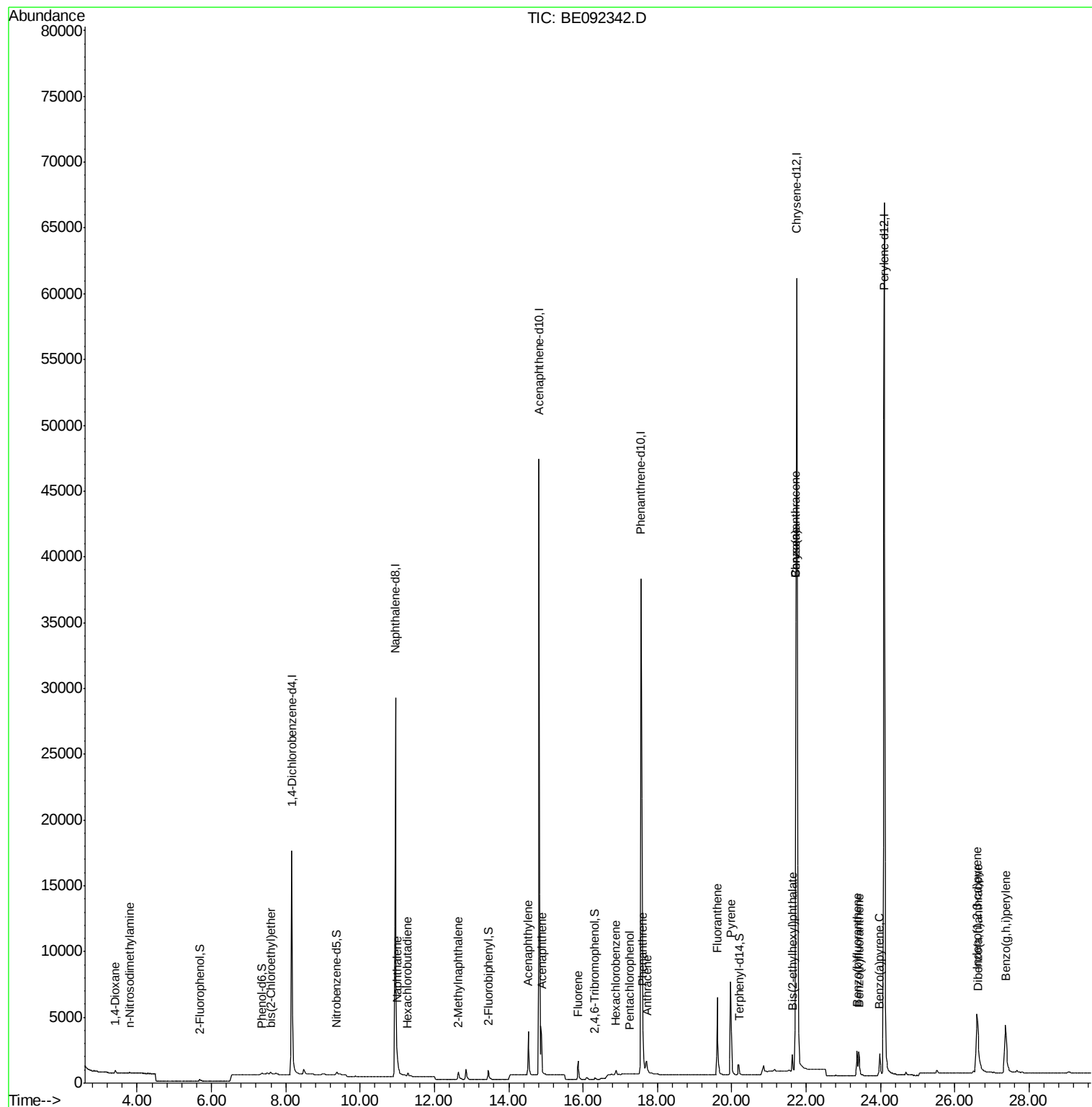
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	204	0.14	ng	89
3) n-Nitrosodimethylamine	3.80	42	126	0.08	ng	# 91
6) bis(2-Chloroethyl)ether	7.59	93	245	0.08	ng	# 97
9) Naphthalene	10.99	128	1226	0.12	ng	# 86
10) Hexachlorobutadiene	11.28	225	187	0.12	ng	97
11) 2-Methylnaphthalene	12.64	142	756	0.11	ng	95
15) Acenaphthylene	14.52	152	5511	0.11	ng	100
16) Acenaphthene	14.88	154	1016	0.13	ng	88
17) Fluorene	15.87	166	1133	0.11	ng	99
19) Hexachlorobenzene	16.89	284	395	0.13	ng	# 62
20) Pentachlorophenol	17.26	266	69	0.07	ng	# 83
21) Phenanthrene	17.60	178	2444	0.15	ng	# 99
22) Anthracene	17.72	178	1815	0.11	ng	99
23) Fluoranthene	19.61	202	9659	0.12	ng	98
25) Pyrene	19.97	202	10514	0.13	ng	99
27) Benzo(a)anthracene	21.72	228	11084	0.11	ng	# 81
28) Chrysene	21.72	228	11084	0.13	ng	# 63
29) Bis(2-ethylhexyl)phthalate	21.63	149	1523	0.16	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.60	276	12106	0.12	ng	97
32) Benzo(b)fluoranthene	23.37	252	2761	0.10	ng	# 92
33) Benzo(k)fluoranthene	23.42	252	2942	0.11	ng	# 94
34) Benzo(a)pyrene	23.98	252	2760	0.11	ng	# 83
35) Dibenzo(a,h)anthracene	26.63	278	2445	0.10	ng	# 88
36) Benzo(g,h,i)perylene	27.37	276	10771	0.11	ng	92

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

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QLast Update : Fri Sep 02 16:14:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

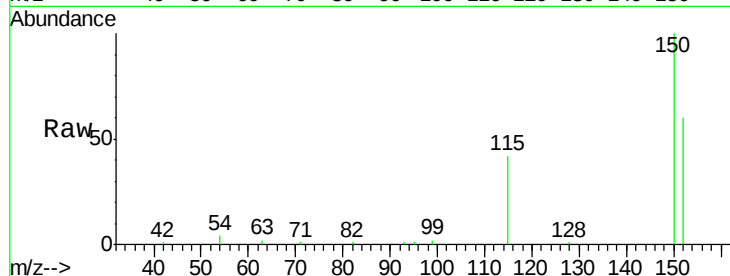
Tgt Ion: 152 Resp: 10236

Ion Ratio Lower Upper

152 100

150 167.2 106.0 159.0#

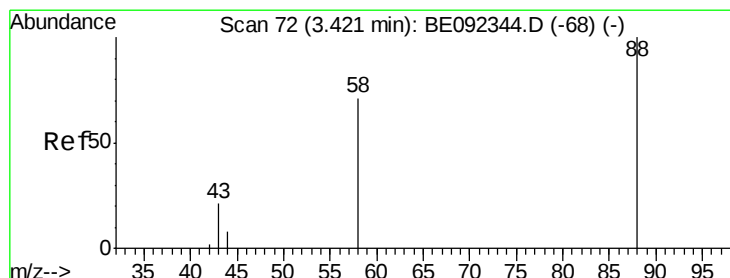
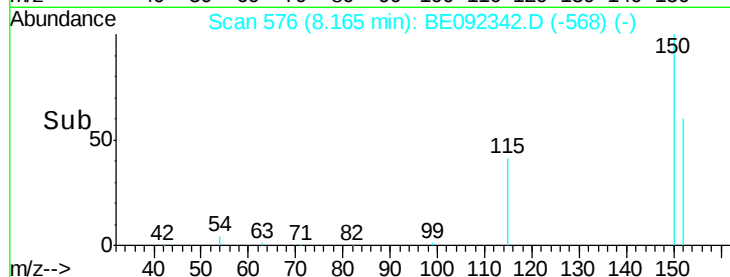
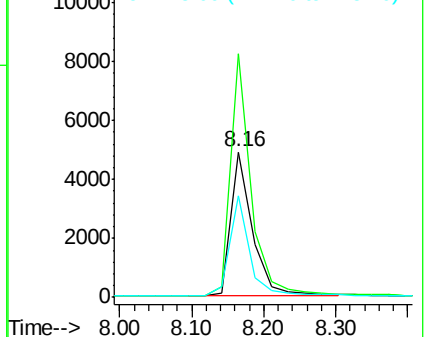
115 69.6 31.2 46.8#



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: 0.14 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

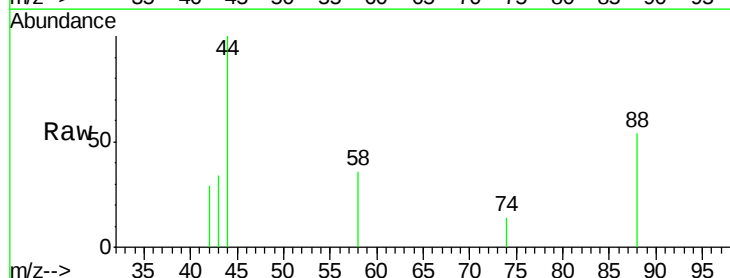
Tgt Ion: 88 Resp: 204

Ion Ratio Lower Upper

88 100

58 66.2 63.6 95.4

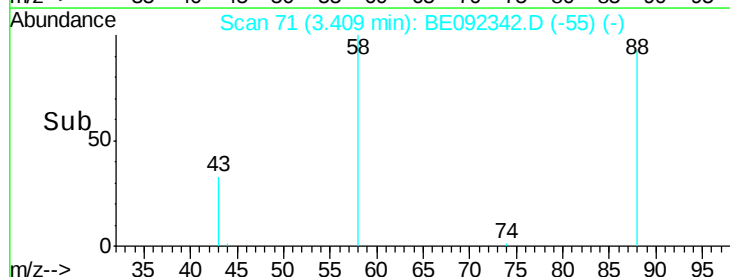
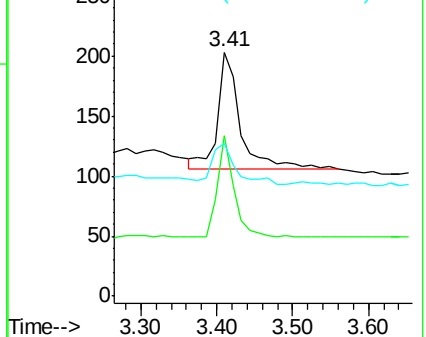
43 35.3 28.0 42.0

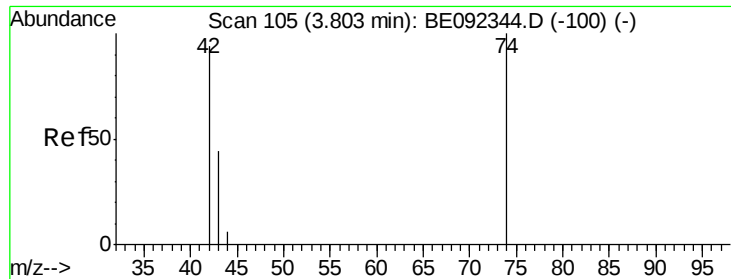


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.80 min Scan# 105

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

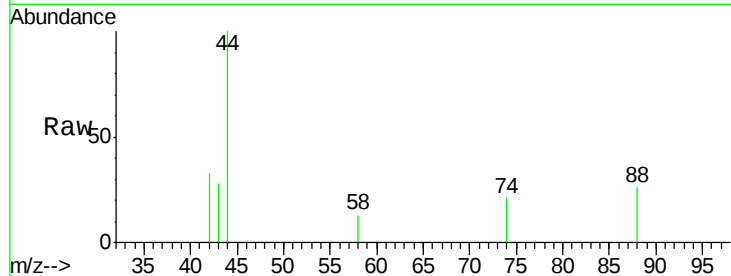
Tgt Ion: 42 Resp: 126

Ion Ratio Lower Upper

42 100

74 116.7 86.0 129.0

44 0.0 5.1 7.7#

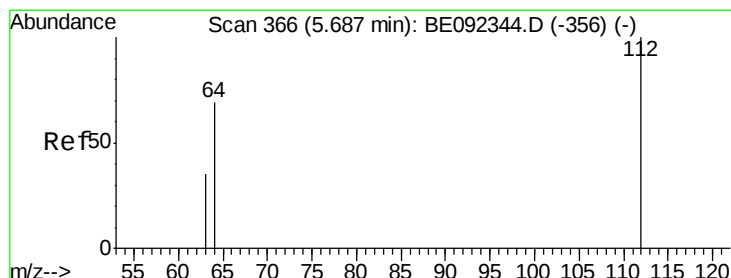
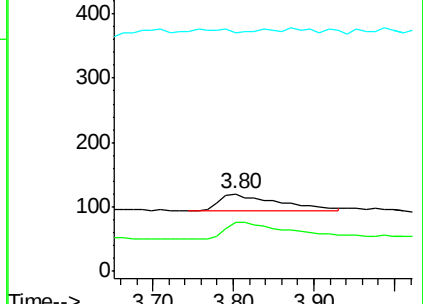
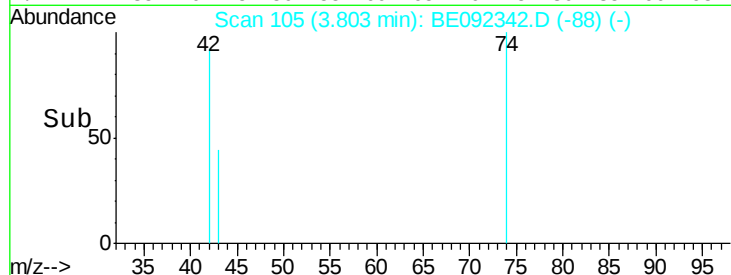


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.10 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.01 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

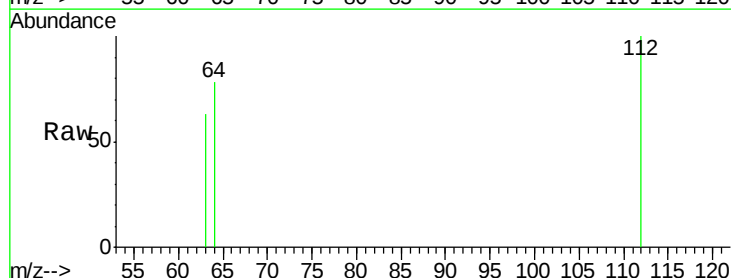
Tgt Ion: 112 Resp: 262

Ion Ratio Lower Upper

112 100

64 65.3 53.5 80.3

63 34.4 27.9 41.9

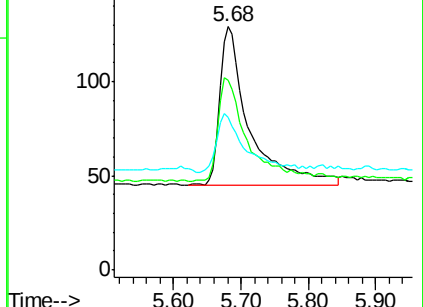
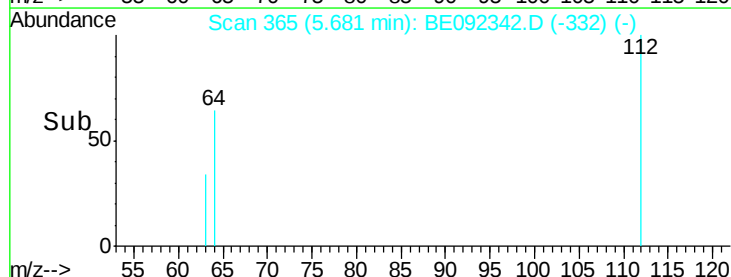


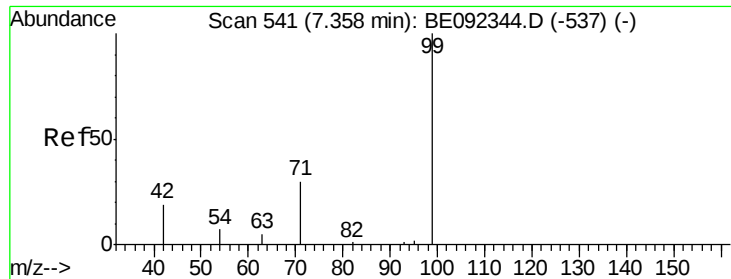
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.09 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

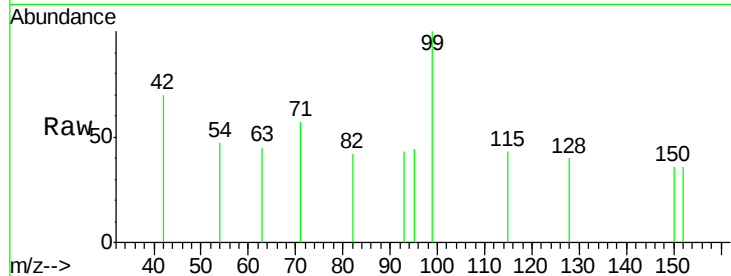
Tgt Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

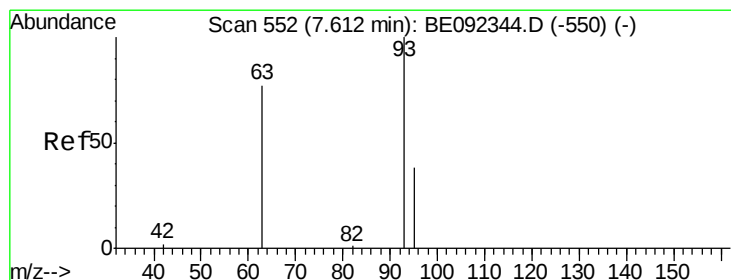
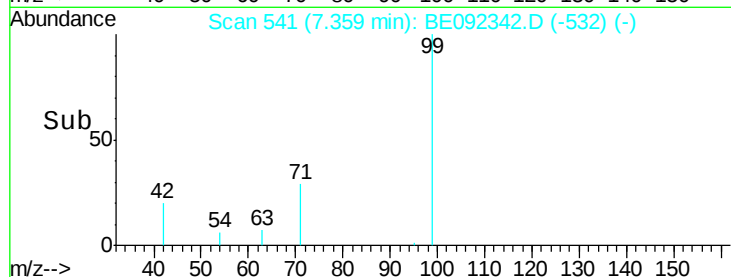
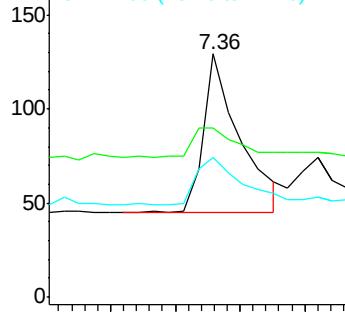
71 36.6 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

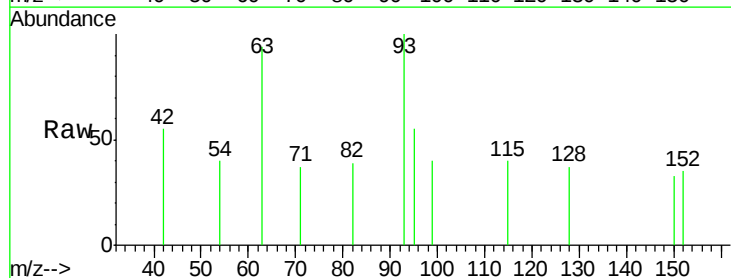
Tgt Ion: 93 Resp: 245

Ion Ratio Lower Upper

93 100

63 92.7 71.6 107.4

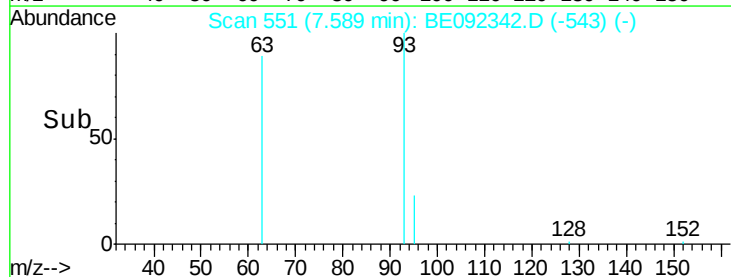
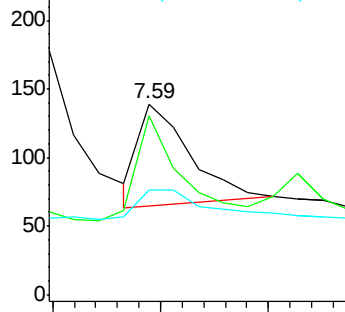
95 38.8 0.0 0.0#

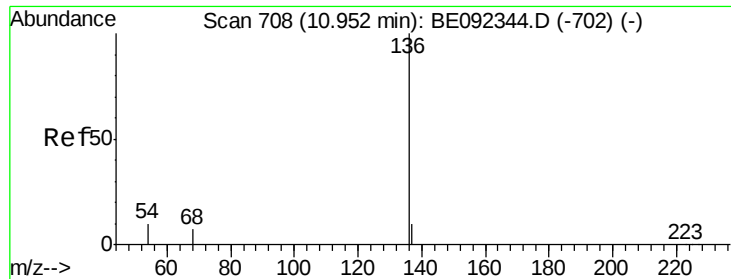


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 46088

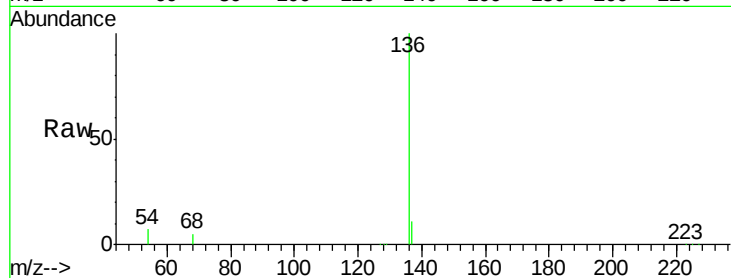
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 6.6 9.6 14.4#

68 5.1 6.7 10.1#

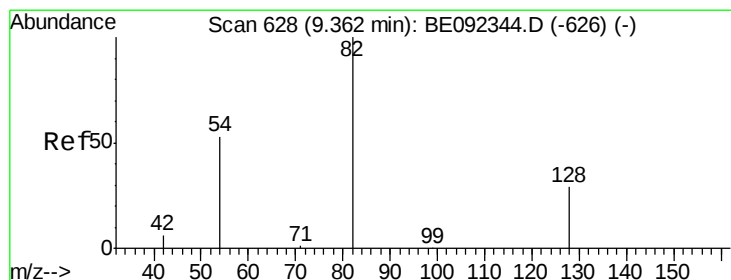
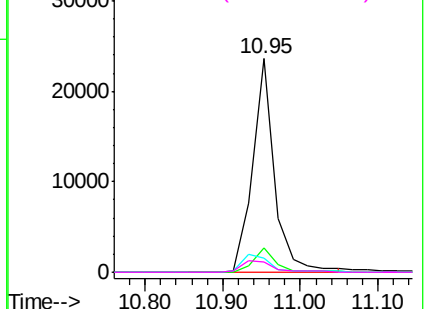
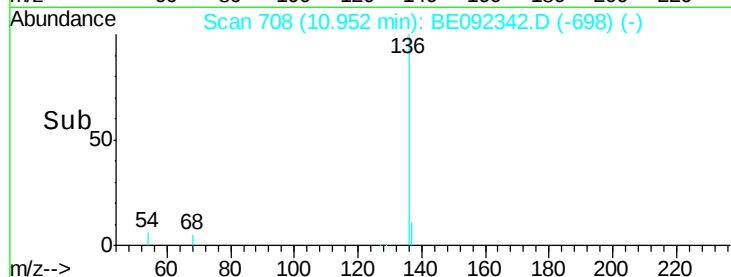


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.11 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

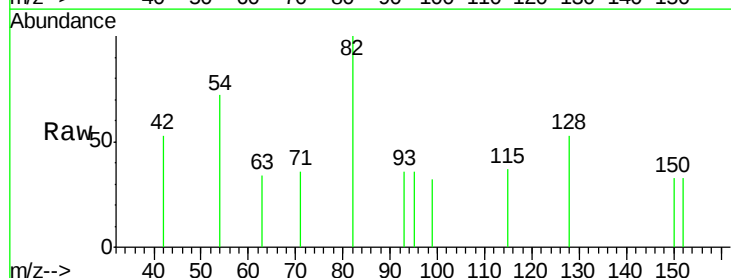
Tgt Ion: 82 Resp: 370

Ion Ratio Lower Upper

82 100

128 53.4 39.0 58.4

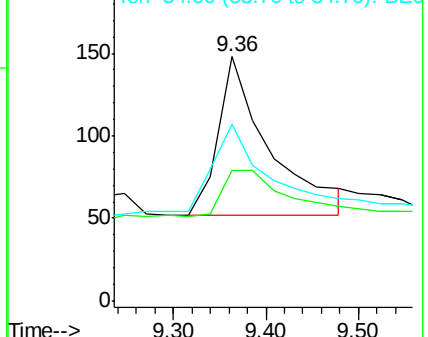
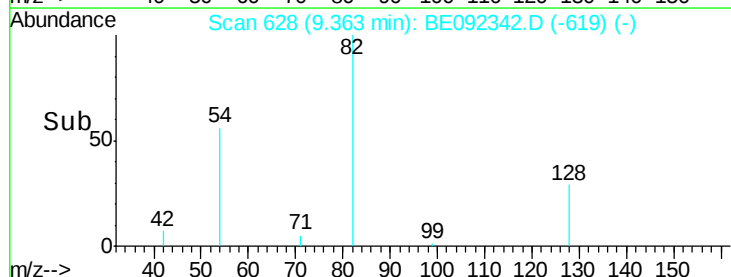
54 72.3 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

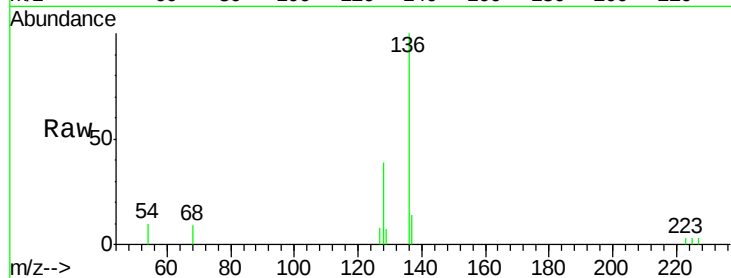
Tgt Ion:128 Resp: 1226

Ion Ratio Lower Upper

128 100

129 18.3 11.2 16.8#

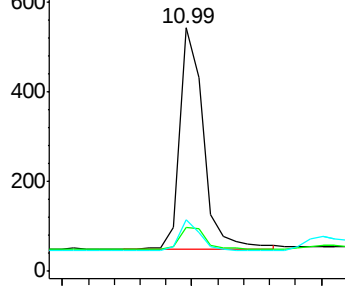
127 21.4 11.6 17.4#



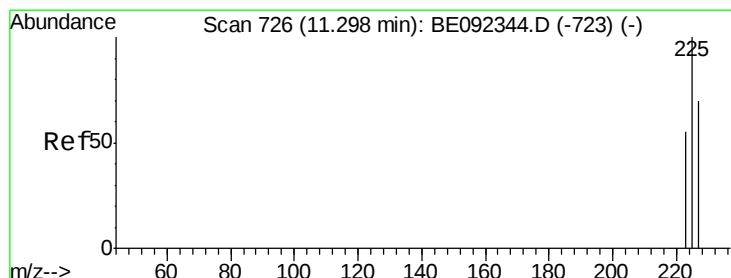
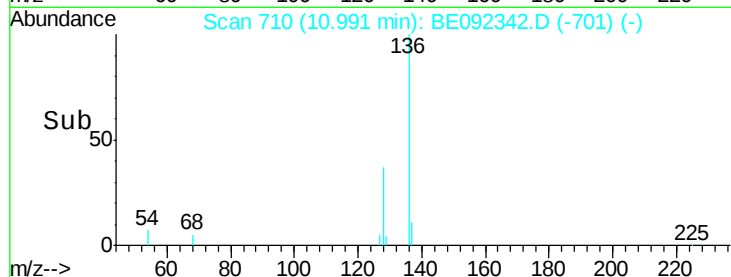
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.80 11.00 11.20



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

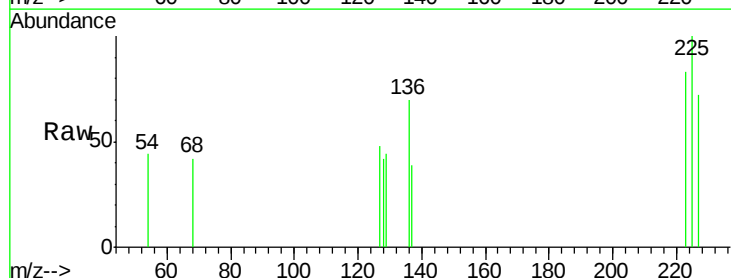
Tgt Ion:225 Resp: 187

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

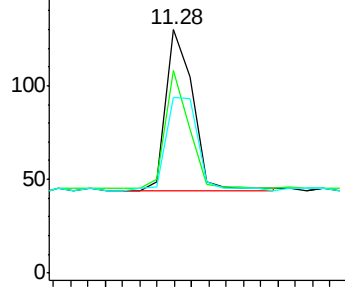
227 67.9 51.4 77.0



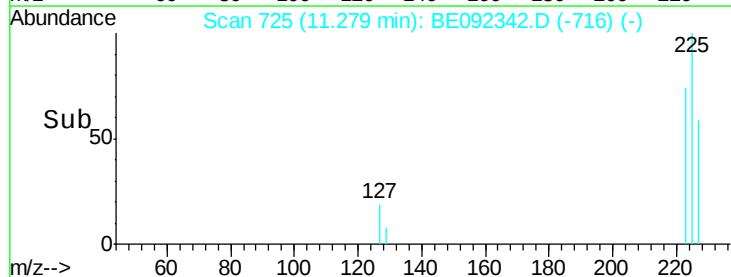
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 11.20 11.30 11.40





#11

2-Methylnaphthalene

Concen: 0.11 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

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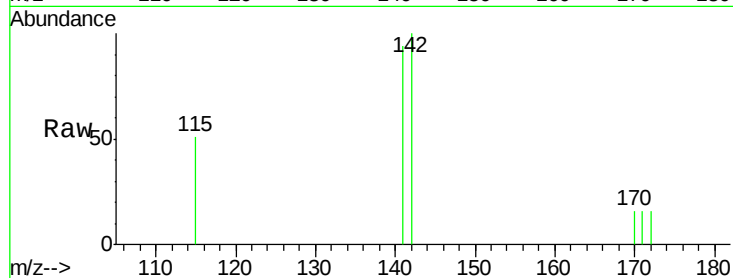
Tgt Ion:142 Resp: 756

Ion Ratio Lower Upper

142 100

141 93.7 73.7 110.5

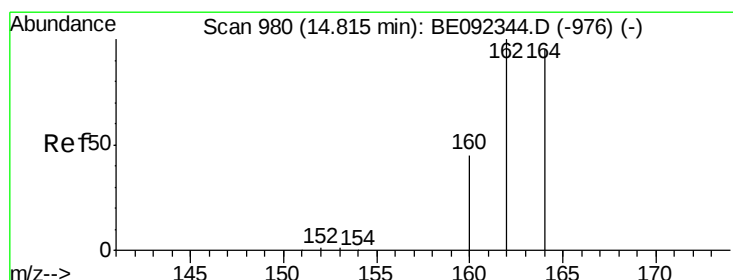
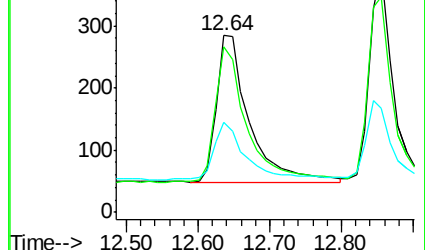
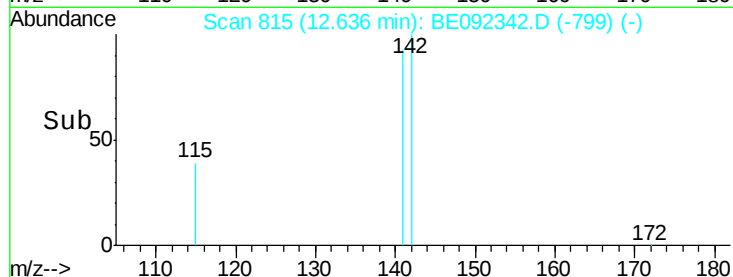
115 50.9 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

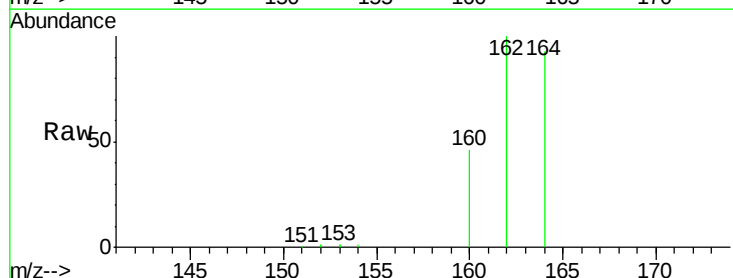
Tgt Ion:164 Resp: 28752

Ion Ratio Lower Upper

164 100

162 107.6 71.4 107.0#

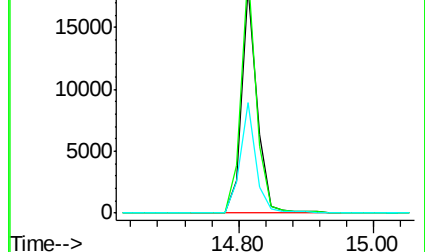
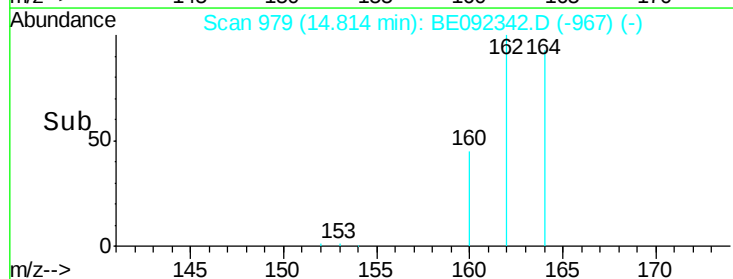
160 49.0 27.4 41.2#

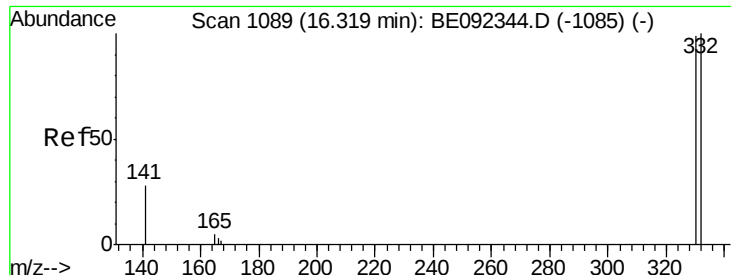


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

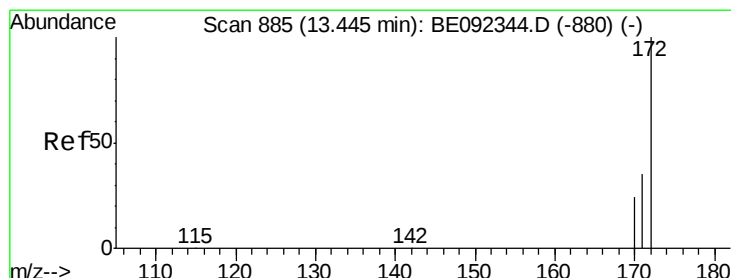
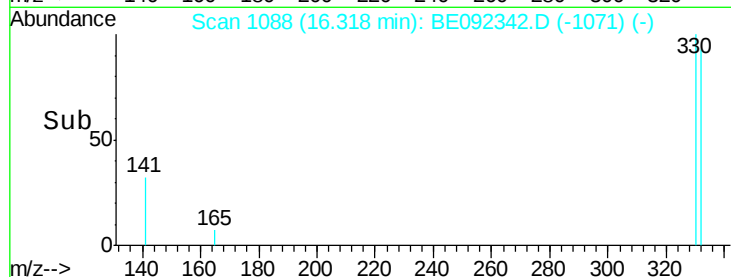
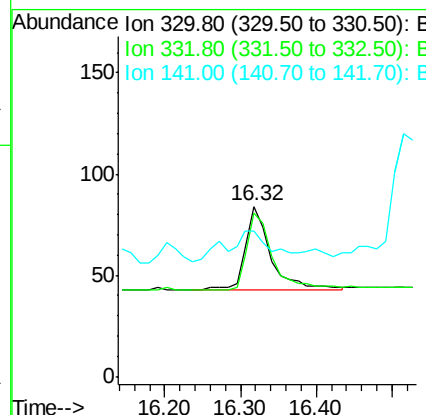
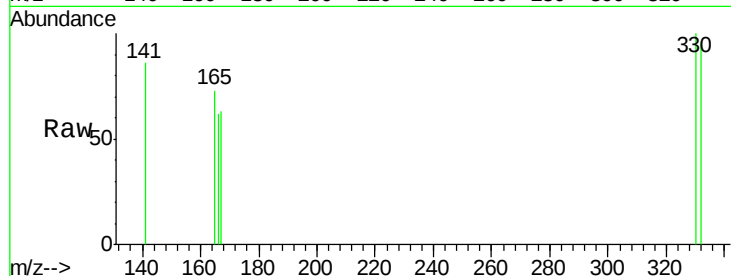




#13
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 16.32 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

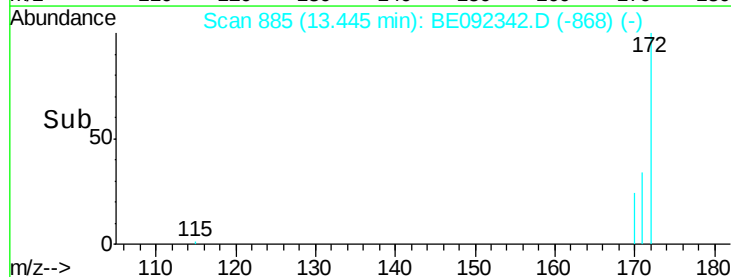
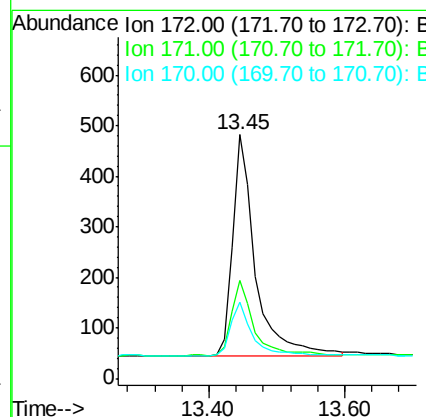
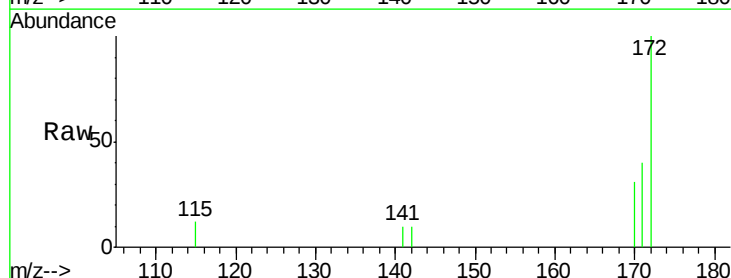
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

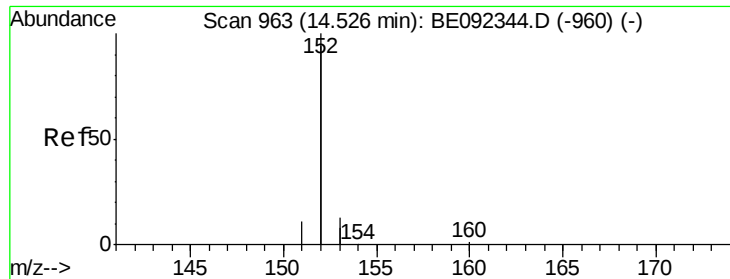
Tgt Ion:330 Resp: 94
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.0
 141 42.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.12 ng
 RT: 13.45 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

Tgt Ion:172 Resp: 1038
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.1 45.1
 170 31.1 21.8 32.6





#15

Acenaphthylene

Concen: 0.11 ng

RT: 14.52 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

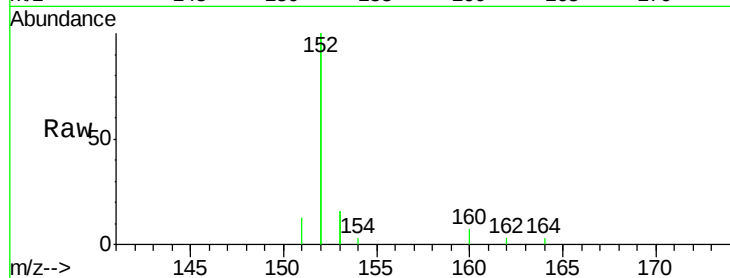
Tgt Ion:152 Resp: 5511

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6

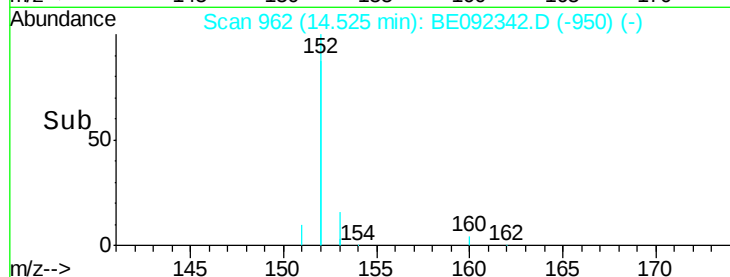


Abundance Ion 152.00 (151.70 to 152.70): E

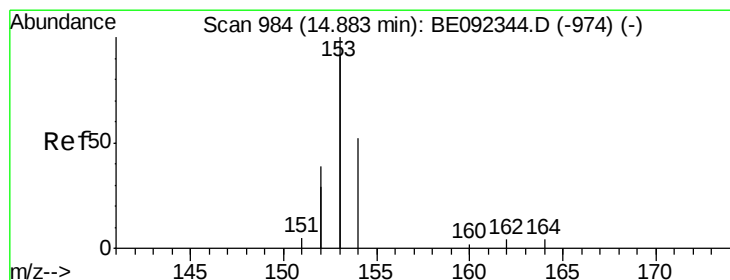
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



Time-->



#16

Acenaphthene

Concen: 0.13 ng

RT: 14.88 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

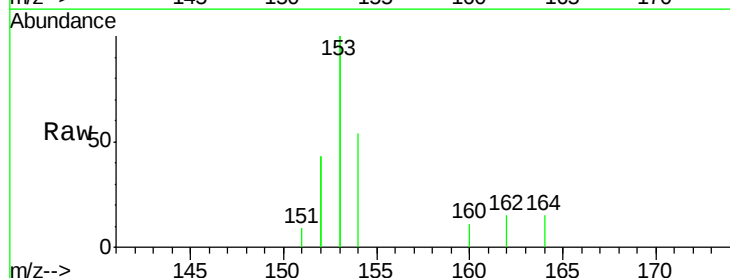
Tgt Ion:154 Resp: 1016

Ion Ratio Lower Upper

154 100

153 403.0 350.8 526.2

152 202.0 171.1 256.7

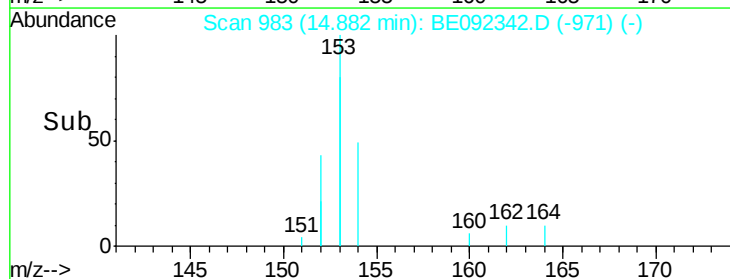


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#17

Fluorene

Concen: 0.11 ng

RT: 15.87 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

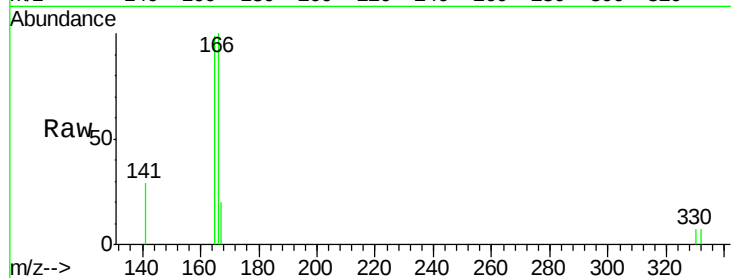
Tgt Ion:166 Resp: 1133

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

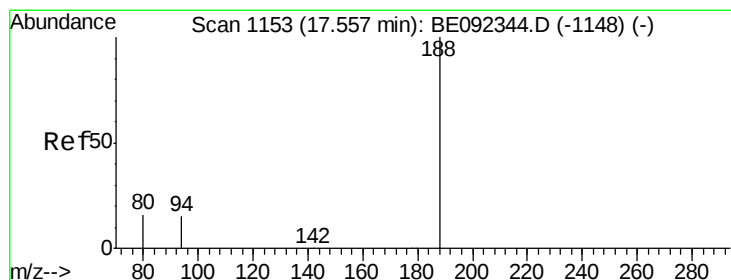
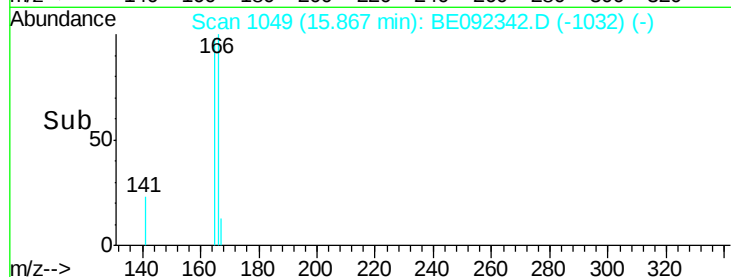
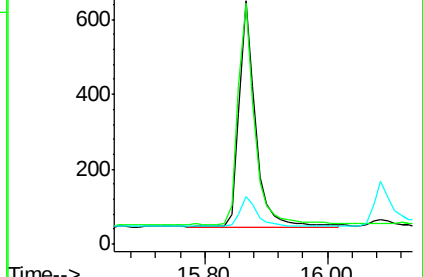
167 14.4 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

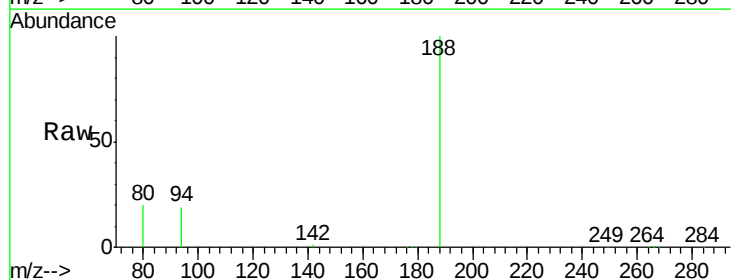
Tgt Ion:188 Resp: 68061

Ion Ratio Lower Upper

188 100

94 19.0 3.2 4.8#

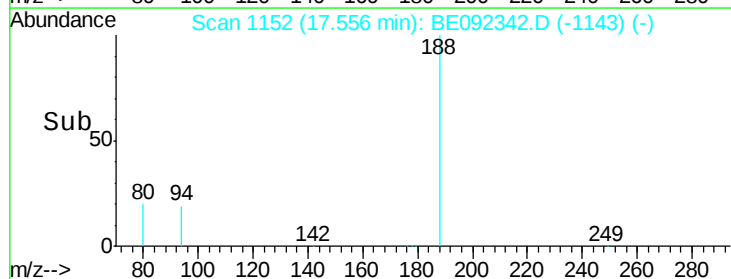
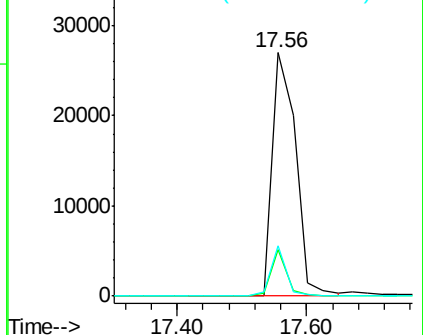
80 20.5 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

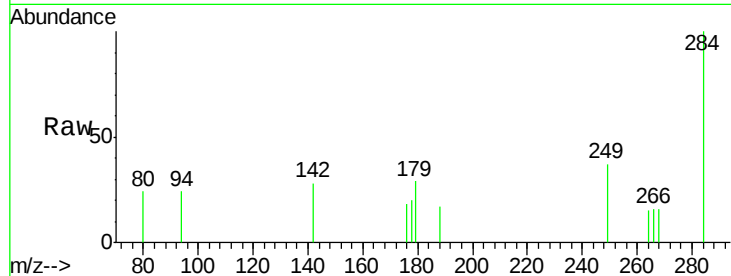




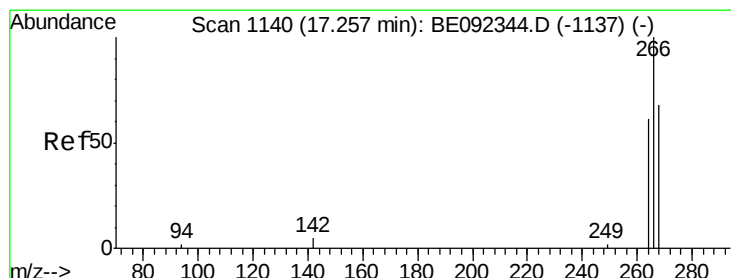
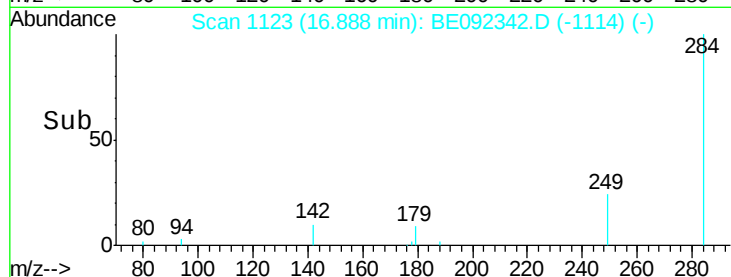
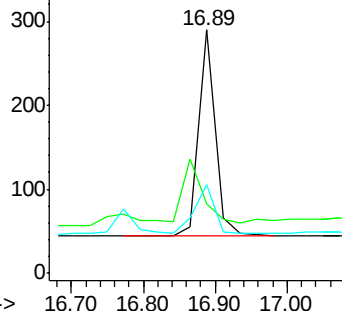
#19
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092342.D
Acq: 2 Sep 2016 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	26.8	27.9	41.9#

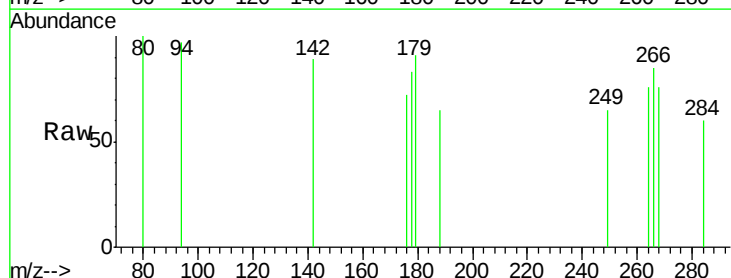


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

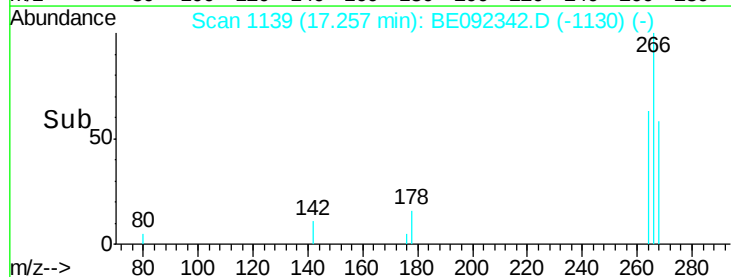
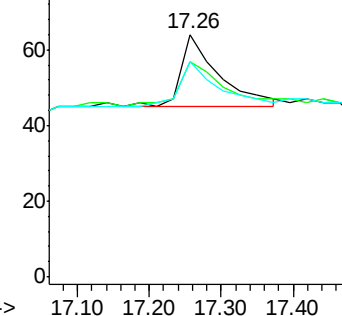


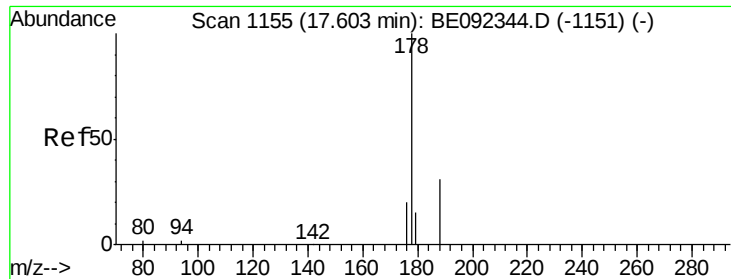
#20
Pentachlorophenol
Concen: 0.07 ng
RT: 17.26 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092342.D
Acq: 2 Sep 2016 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	89.1	62.5	93.7
264	89.1	57.2	85.8#



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





#21

Phenanthrene

Concen: 0.15 ng

RT: 17.60 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

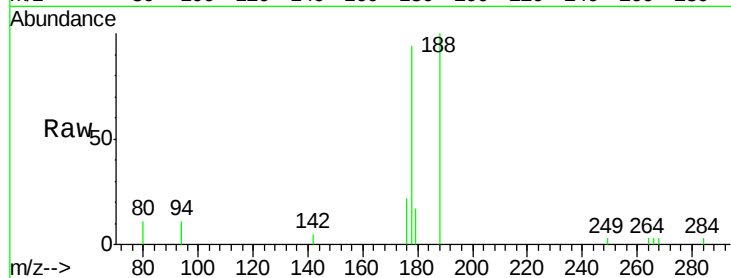
Tgt Ion:178 Resp: 2444

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

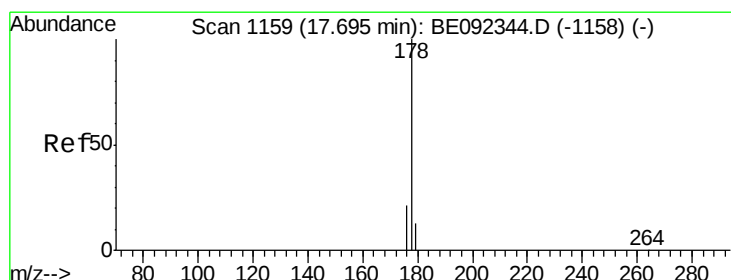
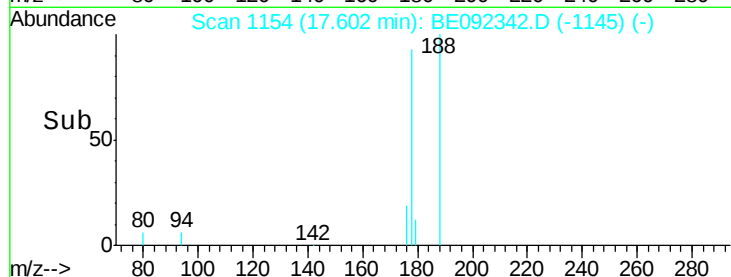
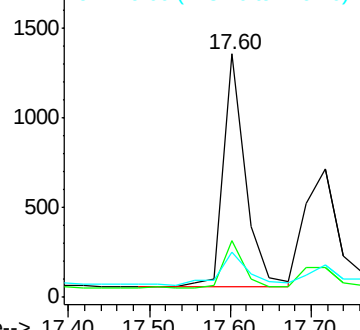
179 18.2 0.0 0.0#



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



#22

Anthracene

Concen: 0.11 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

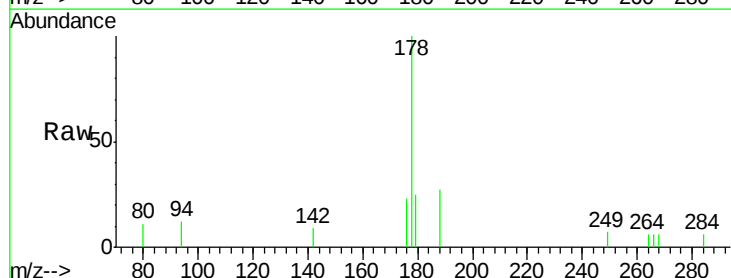
Tgt Ion:178 Resp: 1815

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

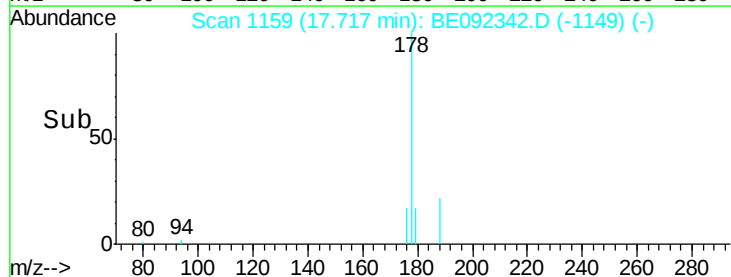
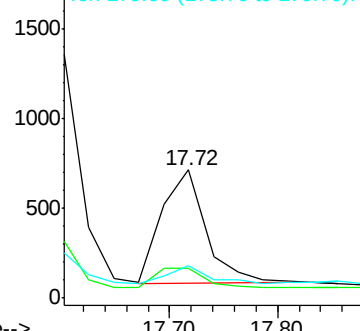
179 15.5 12.2 18.2

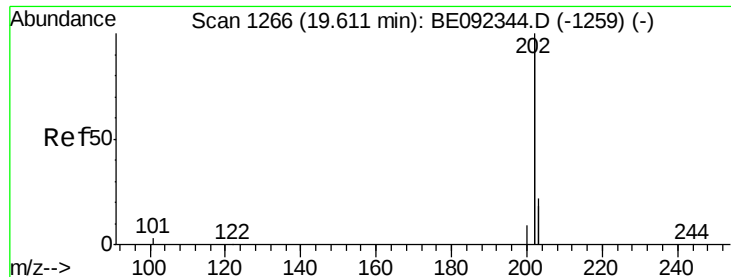


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

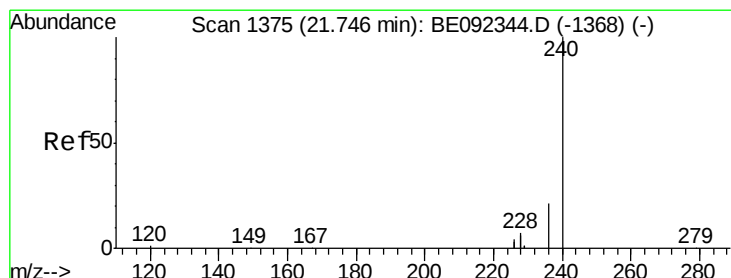
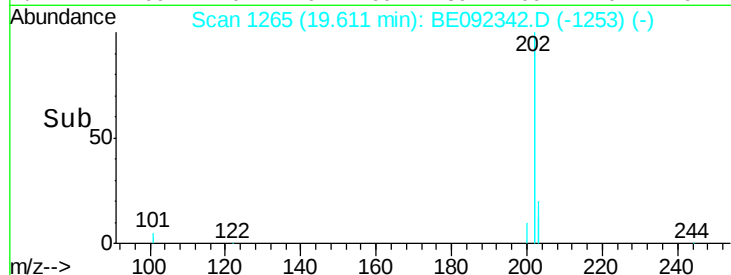
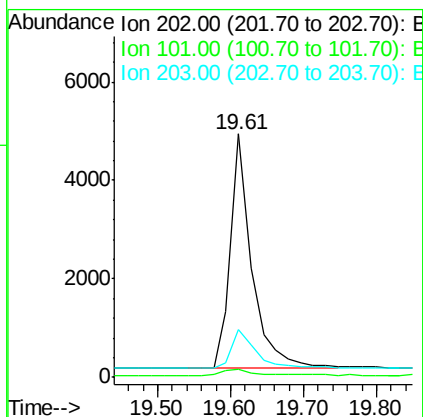
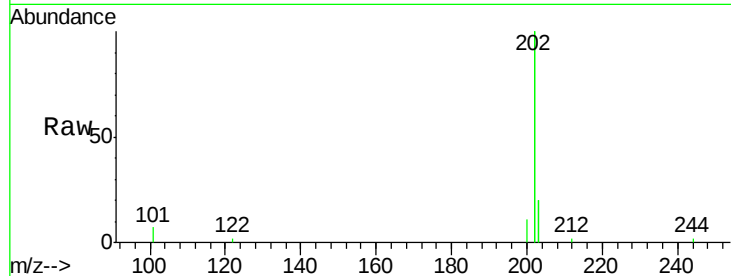




#23
 Fluoranthene
 Concen: 0.12 ng
 RT: 19.61 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

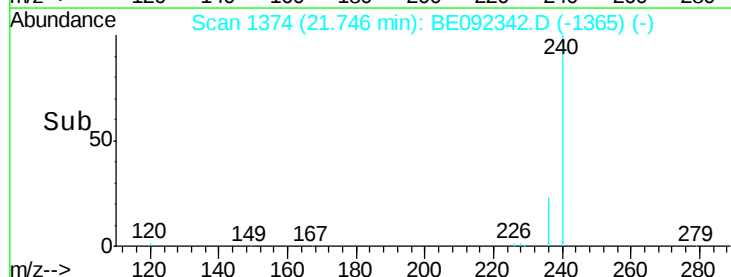
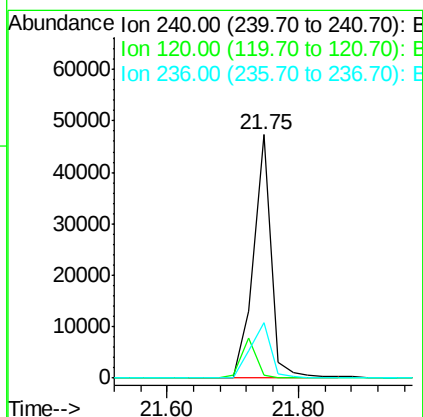
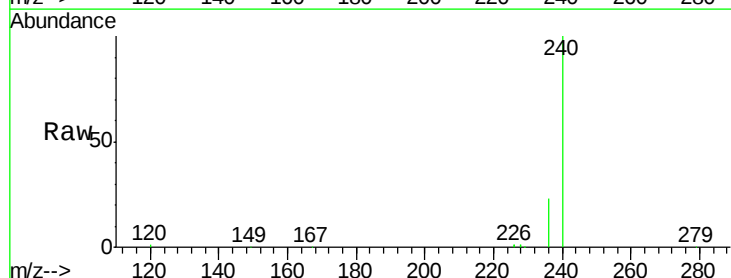
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 202 Resp: 9659
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.9 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

Tgt Ion: 240 Resp: 88796
 Ion Ratio Lower Upper
 240 100
 120 1.2 2.6 4.0#
 236 22.8 24.6 37.0#

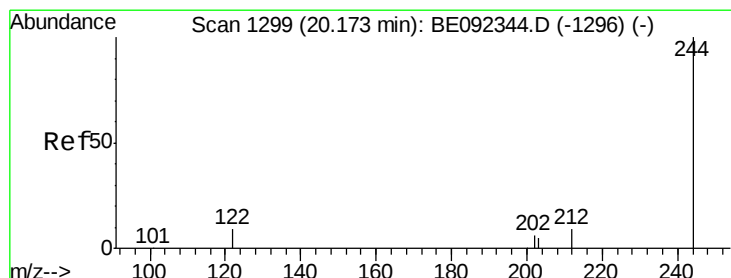
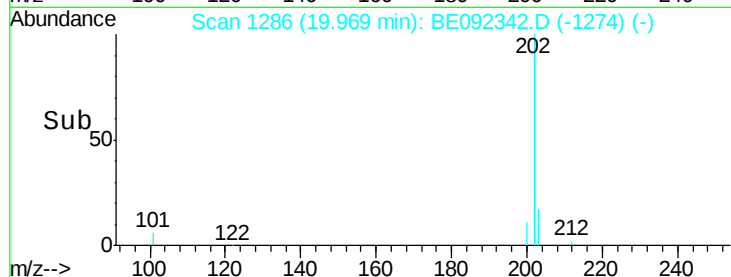
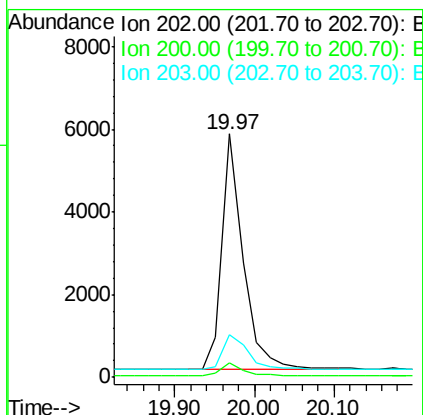
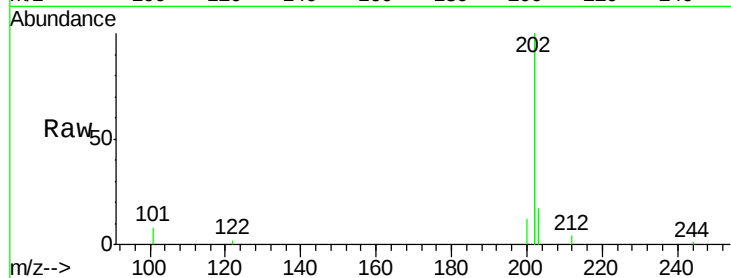




#25
 Pyrene
 Concen: 0.13 ng
 RT: 19.97 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

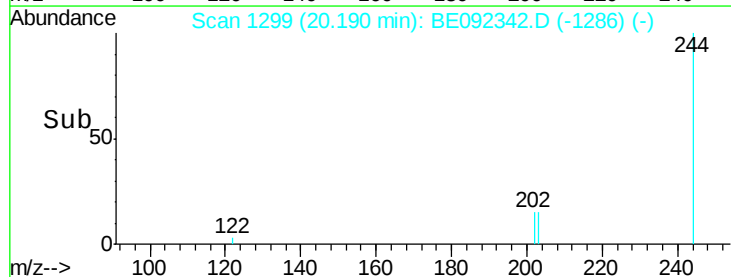
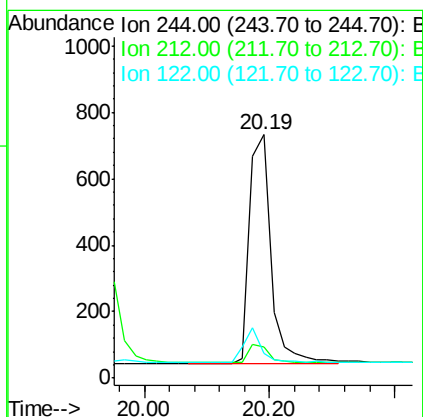
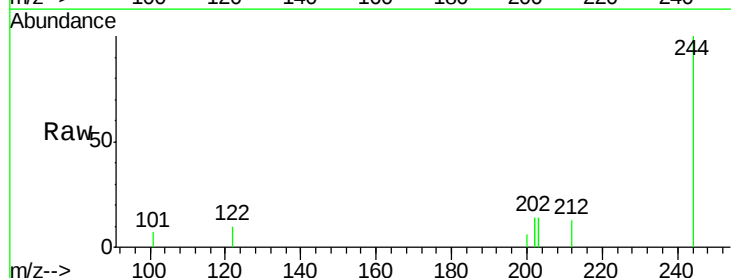
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 202 Resp: 10514
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.1 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.13 ng
 RT: 20.19 min Scan# 1299
 Delta R.T. 0.02 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

Tgt Ion: 244 Resp: 1643
 Ion Ratio Lower Upper
 244 100
 212 13.0 6.7 10.1#
 122 10.2 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

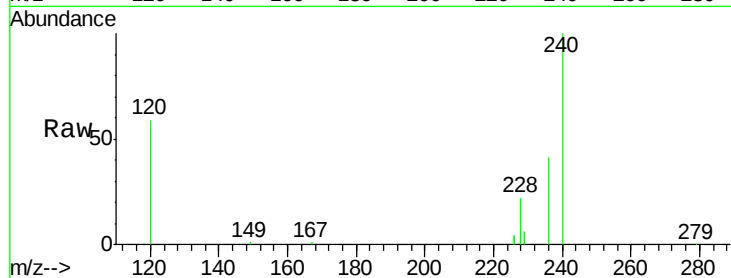
Tgt Ion:228 Resp: 11084

Ion Ratio Lower Upper

228 100

226 20.4 23.6 35.4#

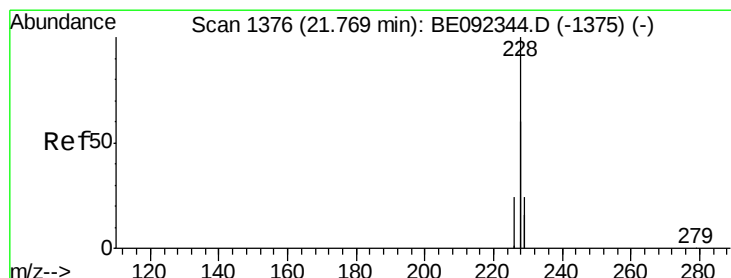
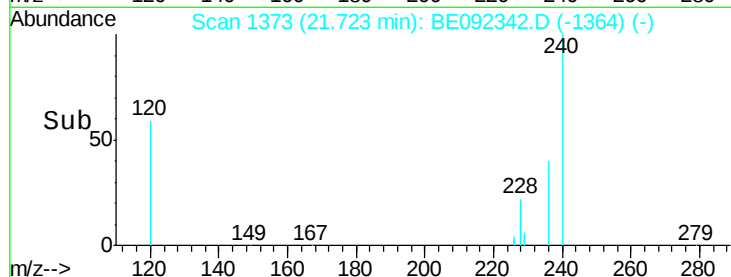
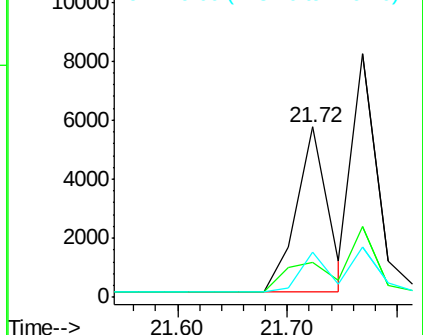
229 26.8 13.3 19.9#



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



#28

Chrysene

Concen: 0.13 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

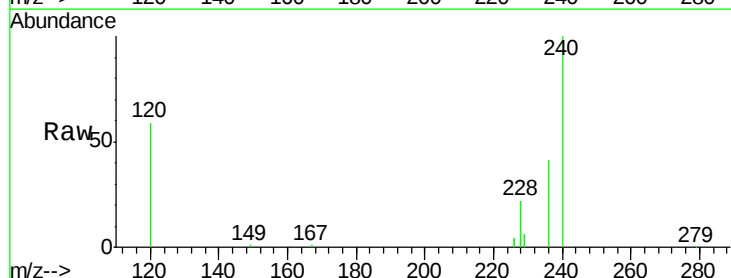
Tgt Ion:228 Resp: 11084

Ion Ratio Lower Upper

228 100

226 20.4 36.3 54.5#

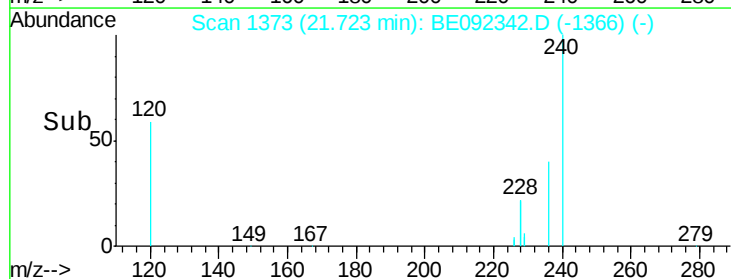
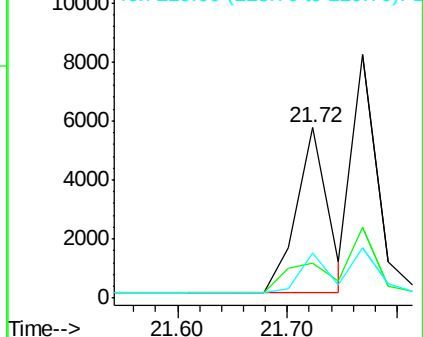
229 26.8 10.6 16.0#

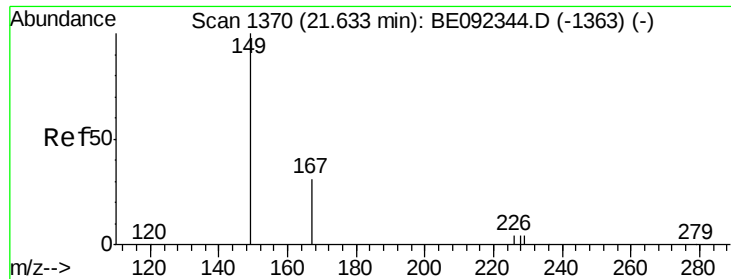


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.63 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

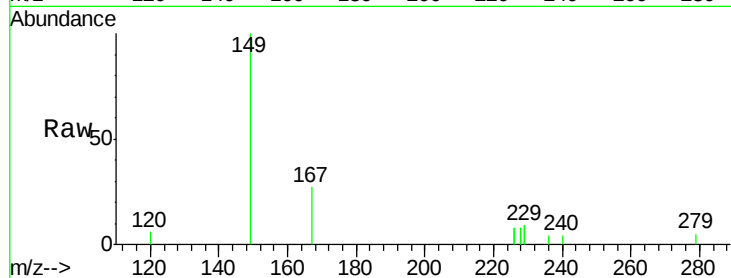
Tgt Ion:149 Resp: 1523

Ion Ratio Lower Upper

149 100

167 24.4 16.0 24.0#

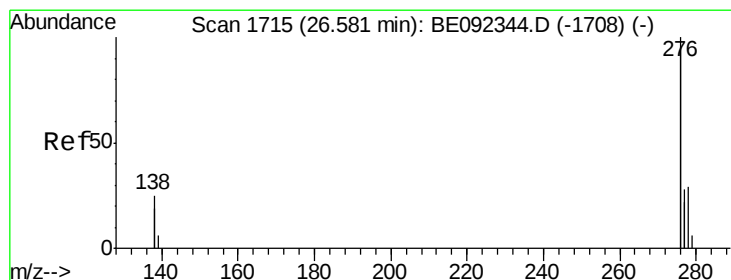
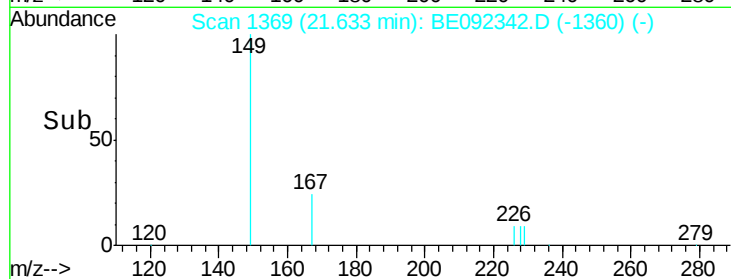
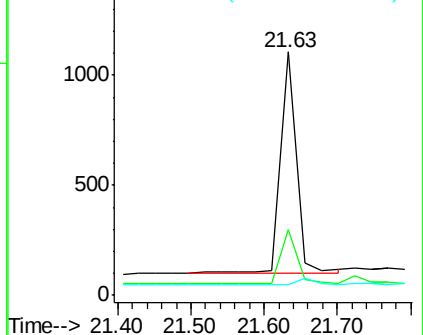
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng

RT: 26.60 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

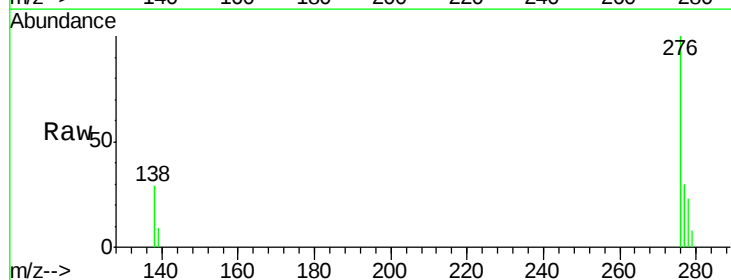
Tgt Ion:276 Resp: 12106

Ion Ratio Lower Upper

276 100

138 28.2 20.3 30.5

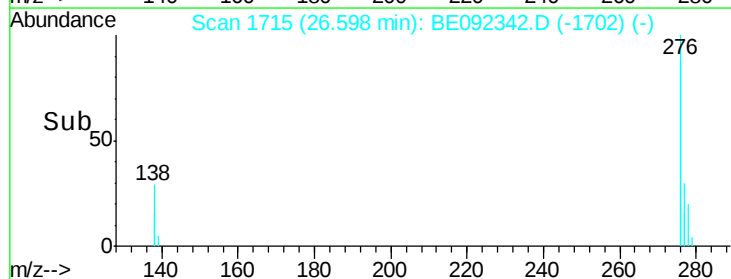
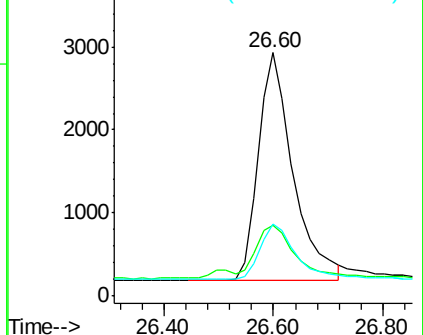
277 24.6 19.7 29.5

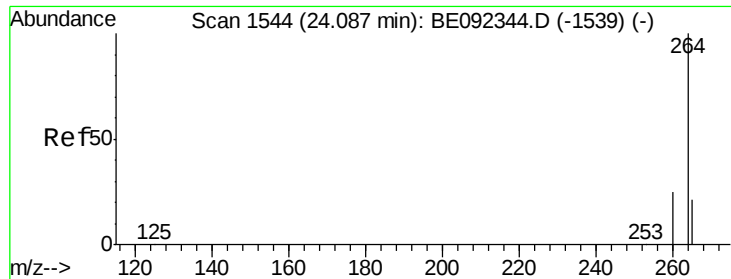


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

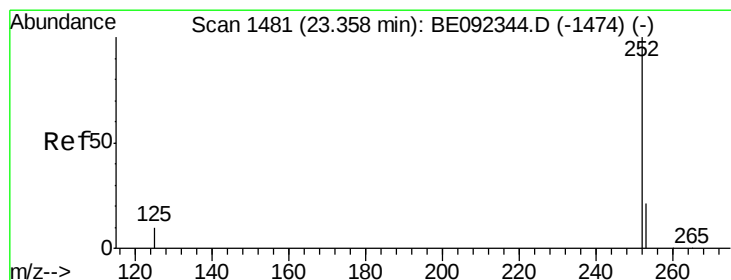
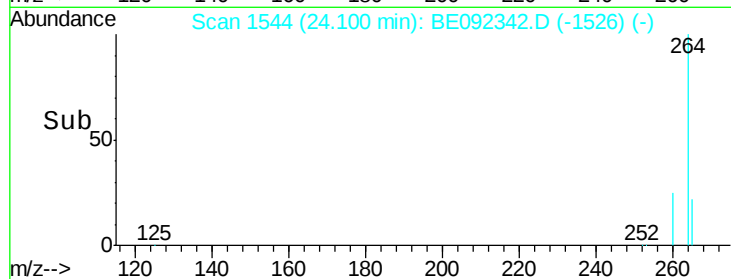
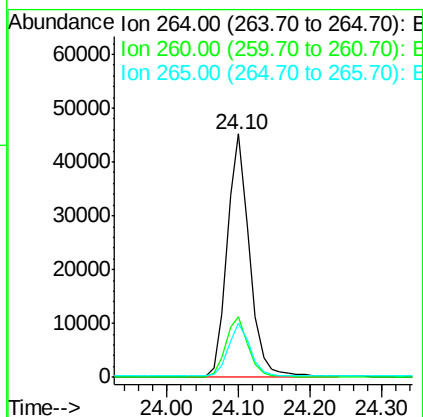
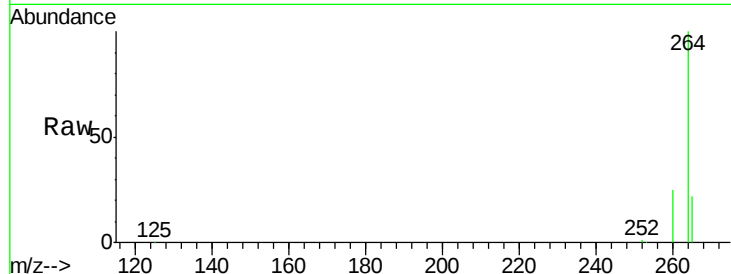




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.10 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

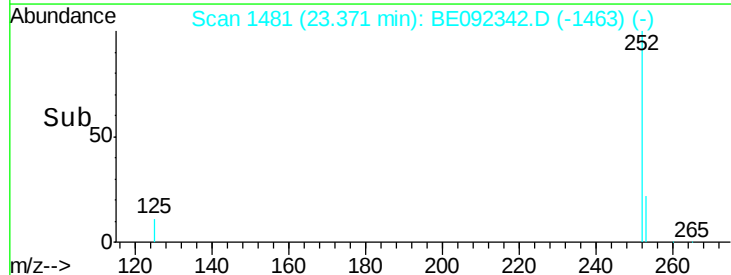
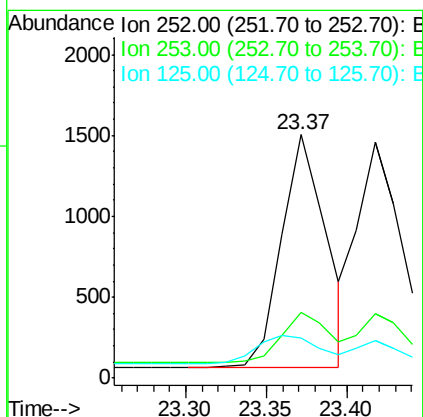
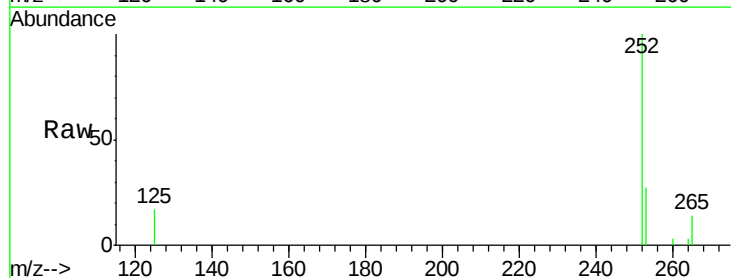
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 264 Resp: 97414
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.2 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.10 ng
 RT: 23.37 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BE092342.D
 Acq: 2 Sep 2016 14:22

Tgt Ion: 252 Resp: 2761
 Ion Ratio Lower Upper
 252 100
 253 27.0 18.7 28.1
 125 16.7 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 23.42 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

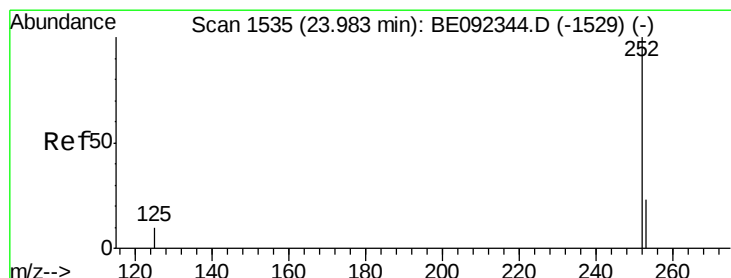
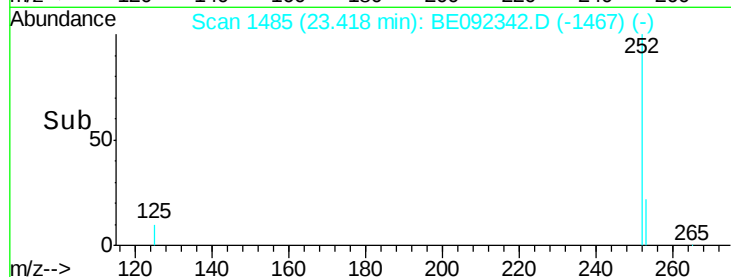
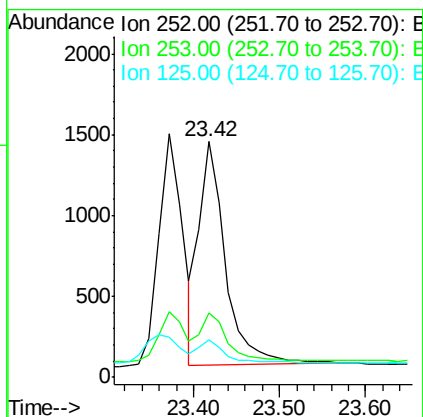
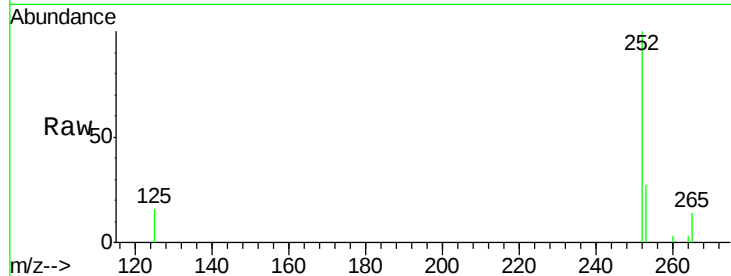
Tgt Ion:252 Resp: 2942

Ion Ratio Lower Upper

252 100

253 27.4 20.3 30.5

125 15.7 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.98 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

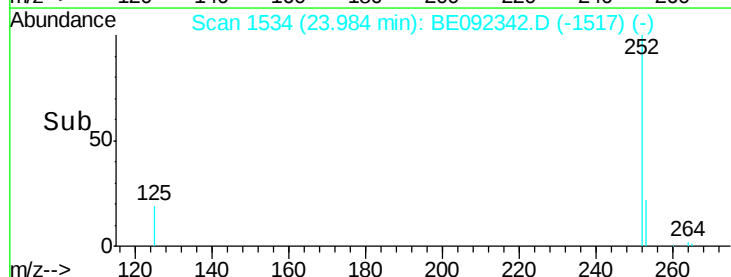
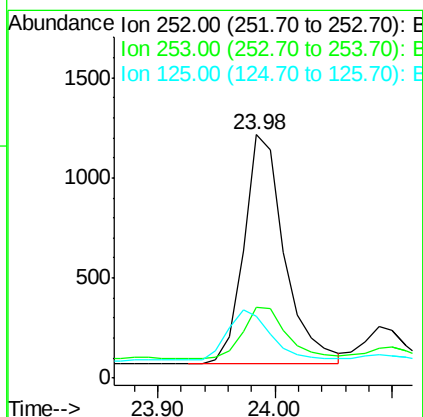
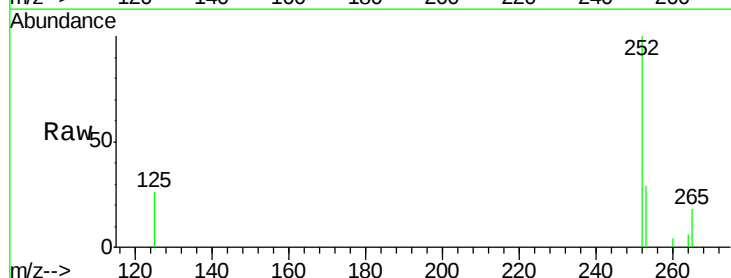
Tgt Ion:252 Resp: 2760

Ion Ratio Lower Upper

252 100

253 28.9 19.0 28.6#

125 25.7 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.63 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

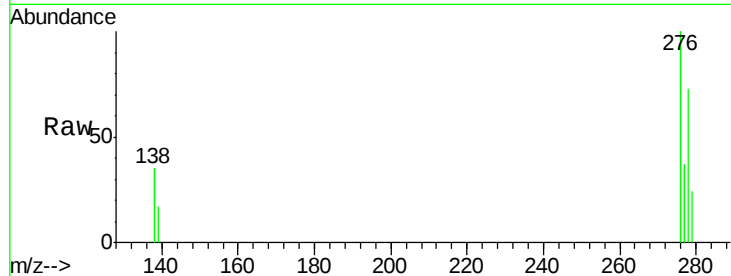
Tgt Ion: 278 Resp: 2445

Ion Ratio Lower Upper

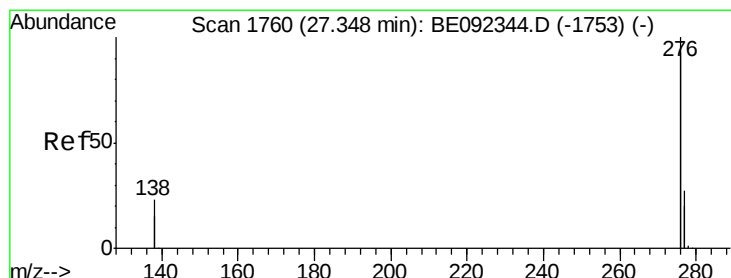
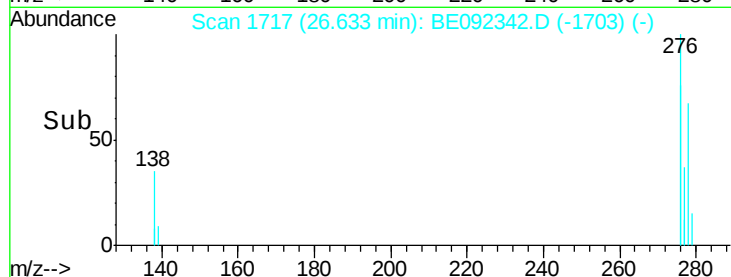
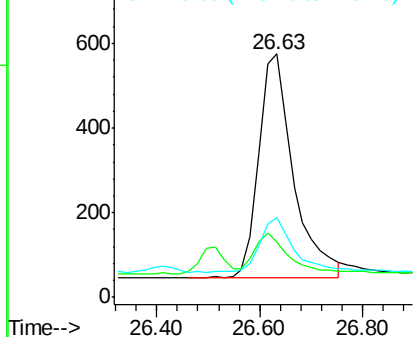
278 100

139 22.8 13.8 20.8#

279 32.9 21.4 32.2#



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



#36

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 27.37 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BE092342.D

Acq: 2 Sep 2016 14:22

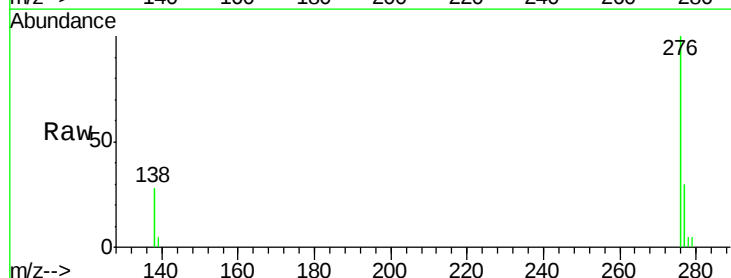
Tgt Ion: 276 Resp: 10771

Ion Ratio Lower Upper

276 100

277 29.7 19.8 29.8

138 28.2 19.8 29.6



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

