

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
 Data File : BE092601.D
 Acq On : 19 Dec 2016 10:37
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 19 15:00:42 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 14:52:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10006	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	49910	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	35351	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	75974	5.00	ng	0.00
24) Chrysene-d12	21.72	240	98049	5.00	ng	0.00
31) Perylene-d12	24.07	264	91361	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	207	0.12	ng	0.01
5) Phenol-d6	7.40	99	304	0.14	ng	0.02
8) Nitrobenzene-d5	9.38	82	390	0.14	ng	0.02
13) 2,4,6-Tribromophenol	16.31	330	122	0.15	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	1483	0.17	ng	0.01
26) Terphenyl-d14	20.17	244	2072	0.18	ng	0.00

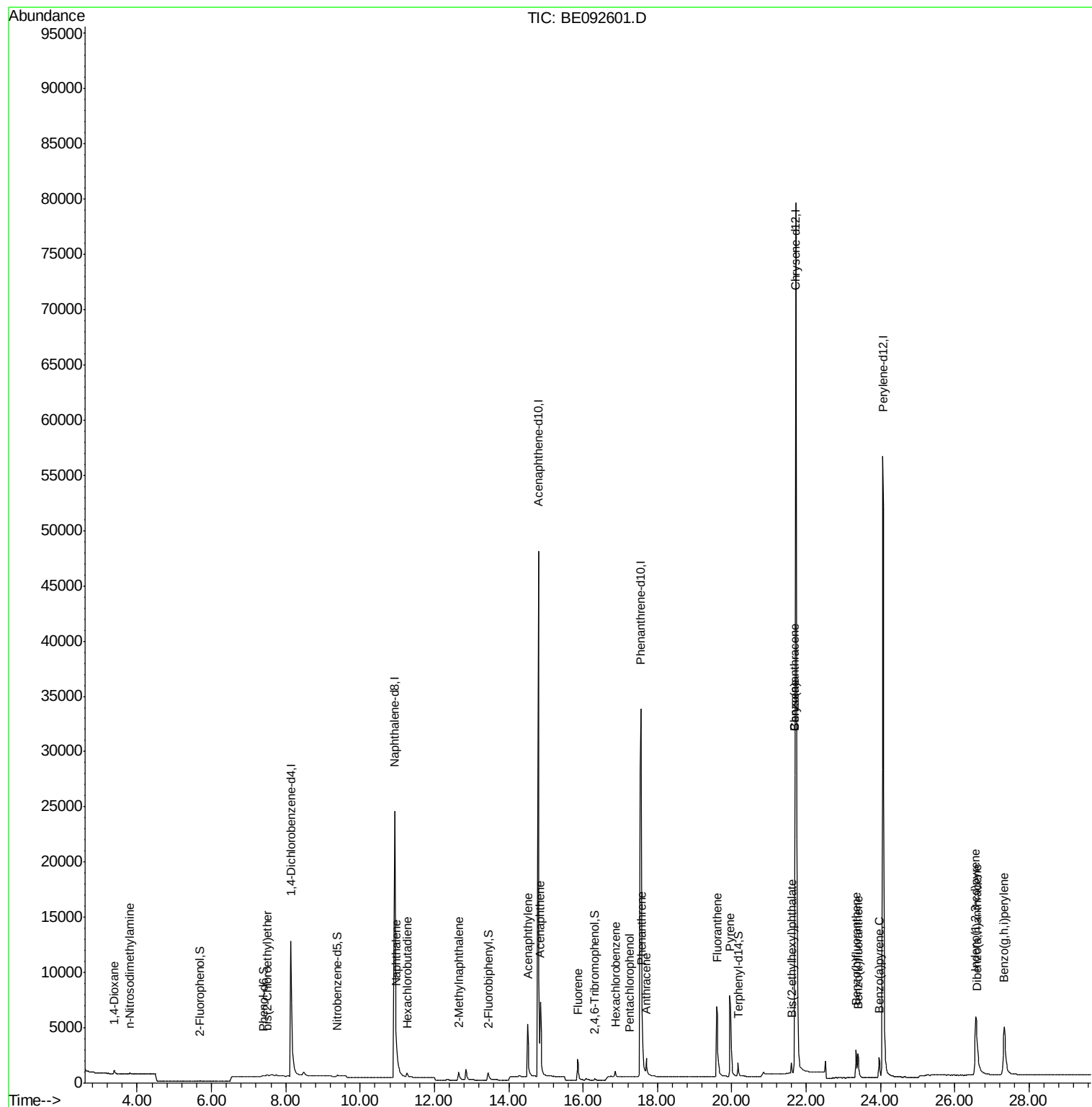
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	307	0.23	ng	91
3) n-Nitrosodimethylamine	3.81	42	164	0.13	ng	# 1
6) bis(2-Chloroethyl)ether	7.50	93	355	0.13	ng	# 17
9) Naphthalene	10.97	128	1882	0.18	ng	# 89
10) Hexachlorobutadiene	11.26	225	297	0.19	ng	96
11) 2-Methylnaphthalene	12.65	142	1103	0.17	ng	97
15) Acenaphthylene	14.51	152	8783	0.18	ng	100
16) Acenaphthene	14.85	154	1556	0.19	ng	93
17) Fluorene	15.85	166	1760	0.18	ng	99
19) Hexachlorobenzene	16.87	284	720	0.24	ng	# 82
20) Pentachlorophenol	17.26	266	68	0.12	ng	# 80
21) Phenanthrene	17.58	178	3399	0.20	ng	96
22) Anthracene	17.69	178	2963	0.19	ng	99
23) Fluoranthene	19.59	202	14346	0.18	ng	99
25) Pyrene	19.95	202	15043	0.19	ng	100
27) Benzo(a)anthracene	21.70	228	35219	0.38	ng	# 89
28) Chrysene	21.70	228	35378	0.42	ng	# 70
29) Bis(2-ethylhexyl)phthalate	21.61	149	1278	0.21	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.56	276	15545	0.17	ng	99
32) Benzo(b)fluoranthene	23.35	252	3499	0.16	ng	96
33) Benzo(k)fluoranthene	23.39	252	4028	0.17	ng	98
34) Benzo(a)pyrene	23.96	252	3283	0.16	ng	95
35) Dibenzo(a,h)anthracene	26.60	278	3087	0.15	ng	# 90
36) Benzo(g,h,i)perylene	27.33	276	14026	0.16	ng	93

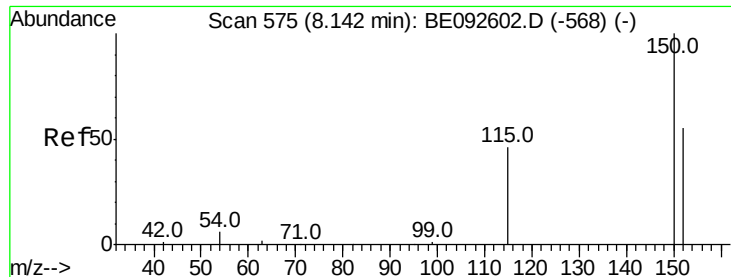
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 19 14:52:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

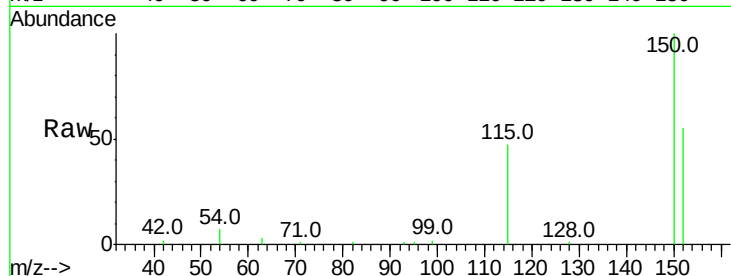
Tot Ion:152 Resp: 10006

Ion Ratio Lower Upper

152 100

150 182.6 106.0 159.0#

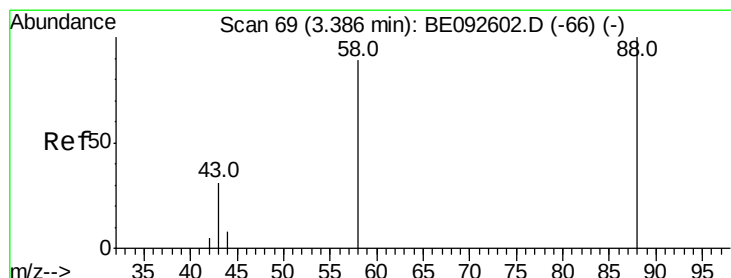
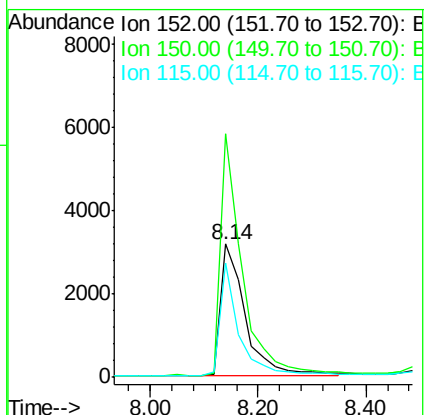
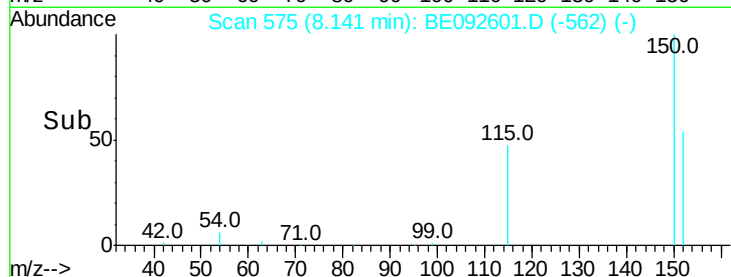
115 86.1 31.2 46.8#



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: 0.23 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

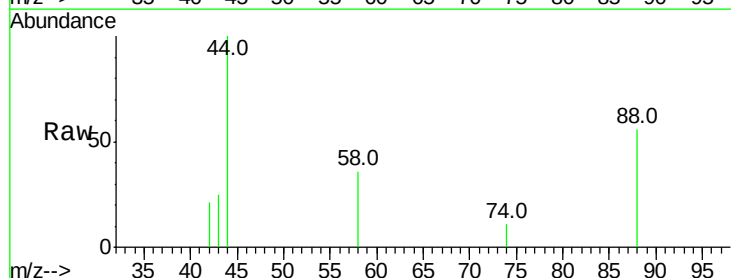
Tgt Ion: 88 Resp: 307

Ion Ratio Lower Upper

88 100

58 68.4 63.6 95.4

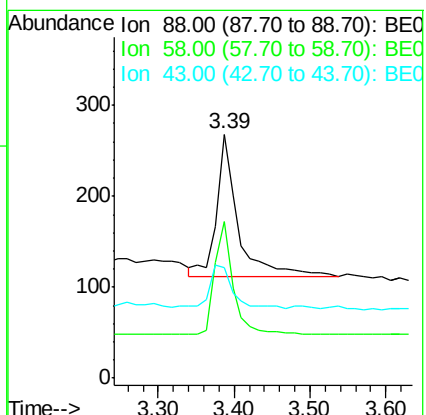
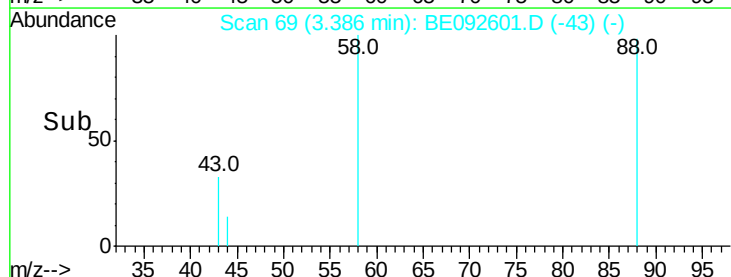
43 35.2 28.0 42.0

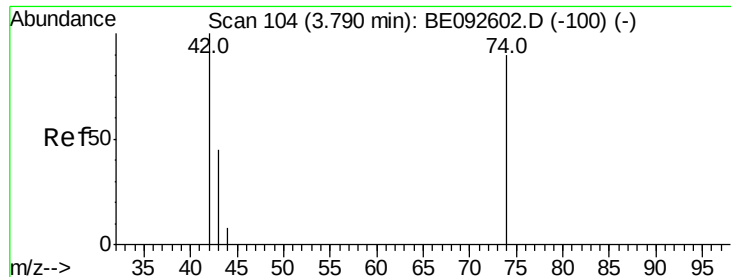


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.02 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

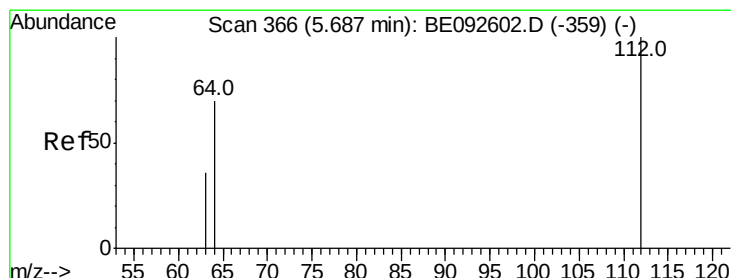
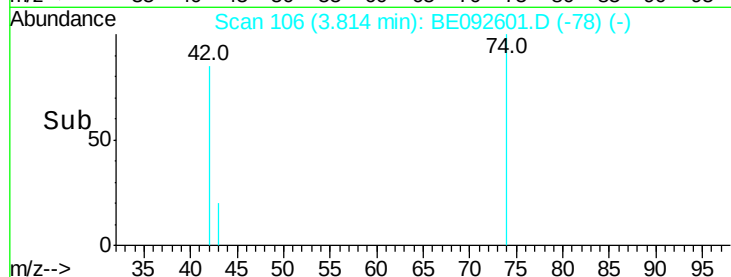
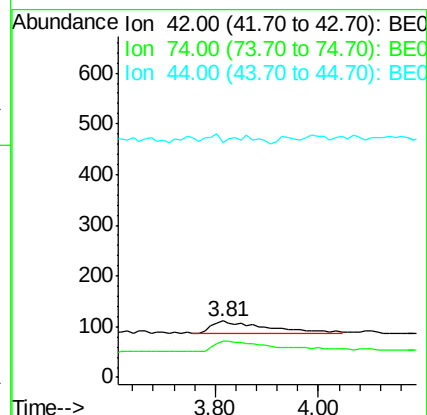
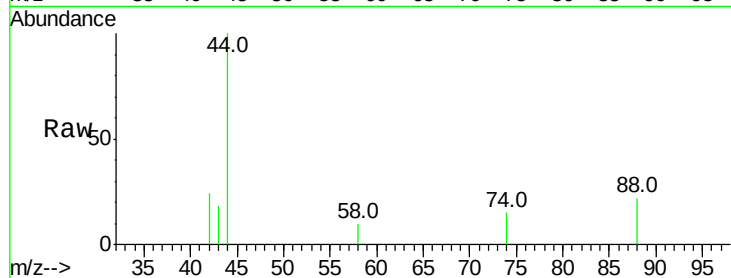
Tot Ion: 42 Resp: 164

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

44 15.2 5.1 7.7#



#4

2-Fluorophenol

Concen: 0.12 ng

RT: 5.70 min Scan# 368

Delta R.T. 0.01 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

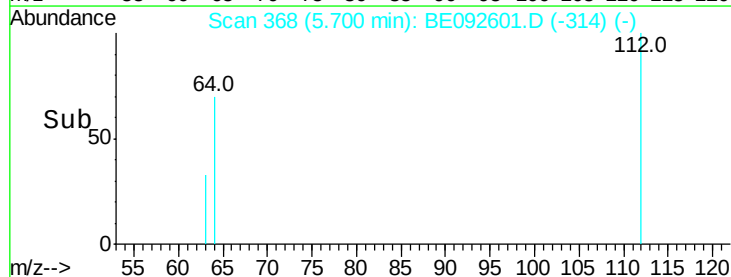
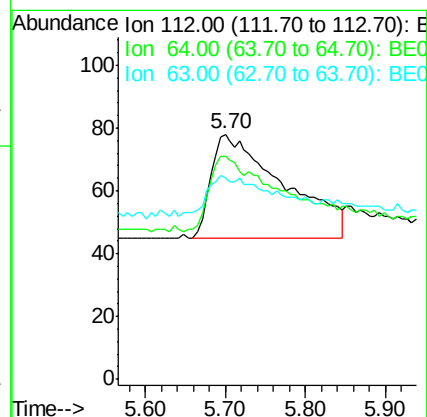
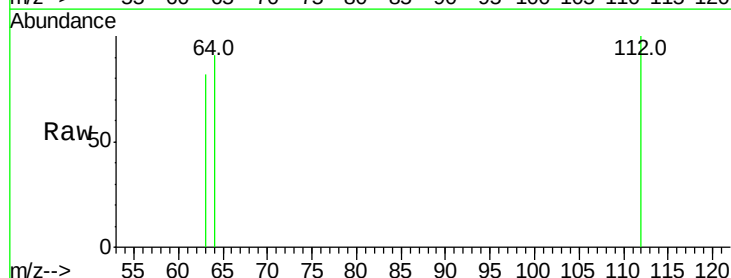
Tgt Ion: 112 Resp: 207

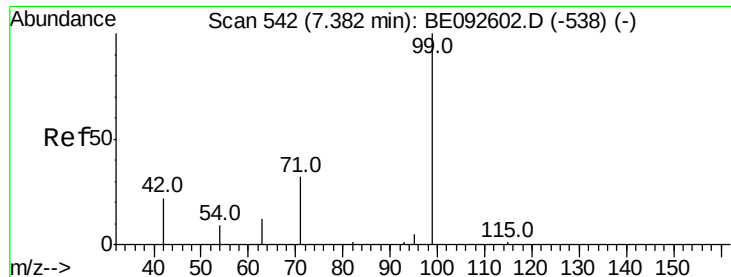
Ion Ratio Lower Upper

112 100

64 78.3 53.5 80.3

63 33.3 27.9 41.9





#5

Phenol-d6

Concen: 0.14 ng

RT: 7.40 min Scan# 543

Delta R.T. 0.02 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

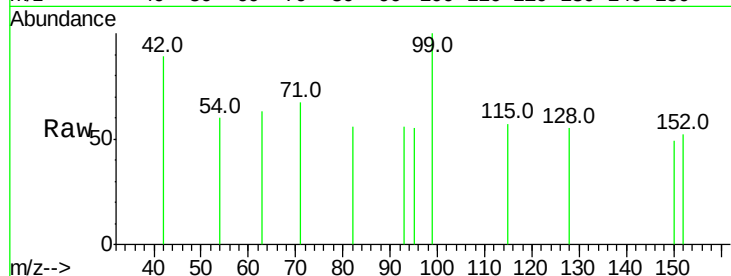
Tot Ion: 99 Resp: 304

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 41.4 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

Time-->

7.20 7.30 7.40 7.50 7.60

7.40

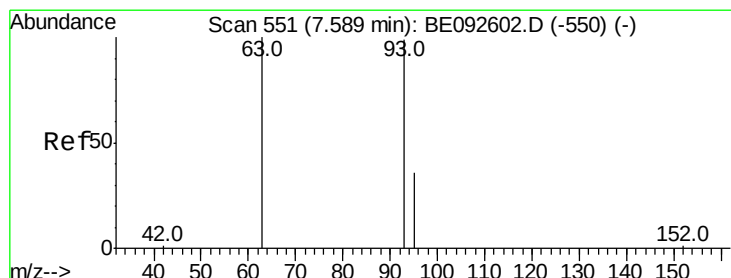
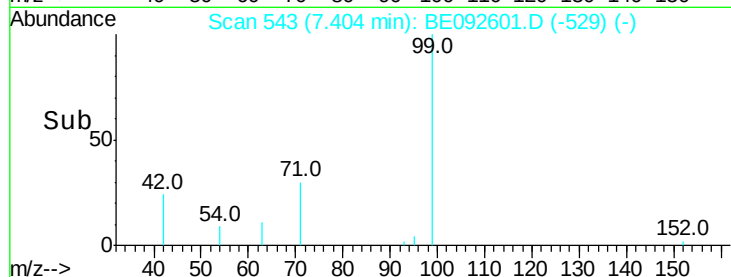
80

60

40

20

0



#6

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 7.50 min Scan# 547

Delta R.T. -0.09 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

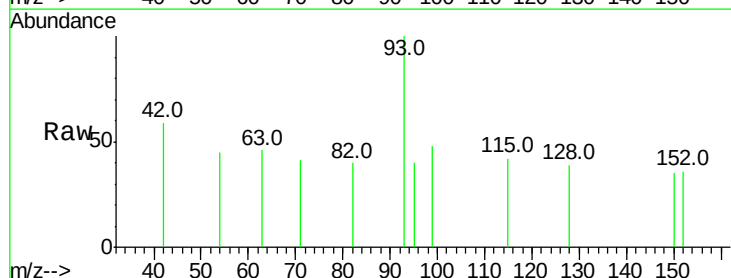
Tgt Ion: 93 Resp: 355

Ion Ratio Lower Upper

93 100

63 3.4 71.6 107.4#

95 0.0 24.0 36.0#



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

Time-->

7.30 7.40 7.50 7.60

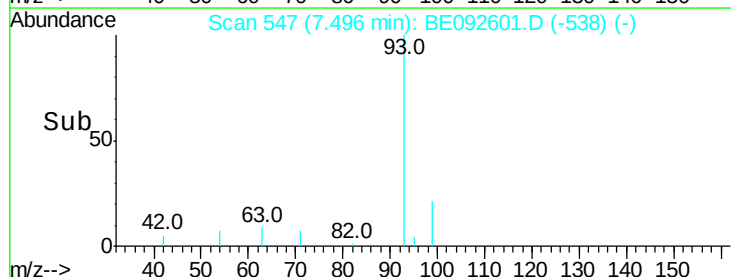
7.50

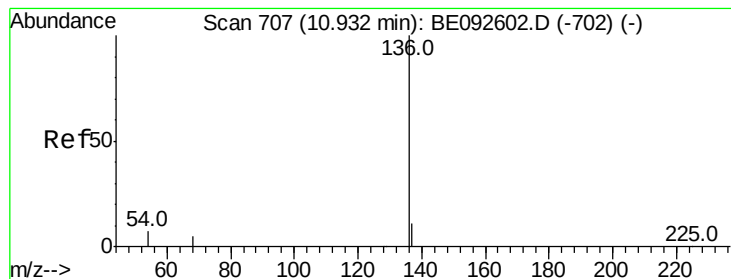
150

100

50

0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 49910

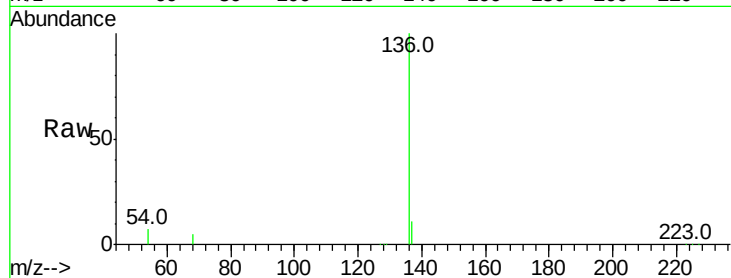
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 6.9 9.6 14.4#

68 5.0 6.7 10.1#

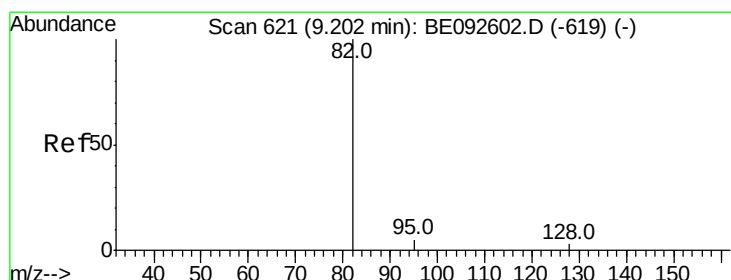
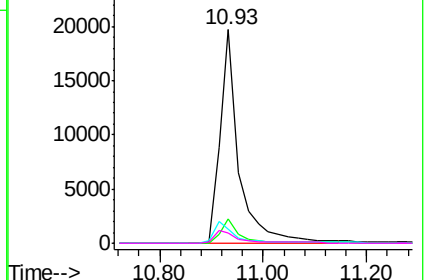
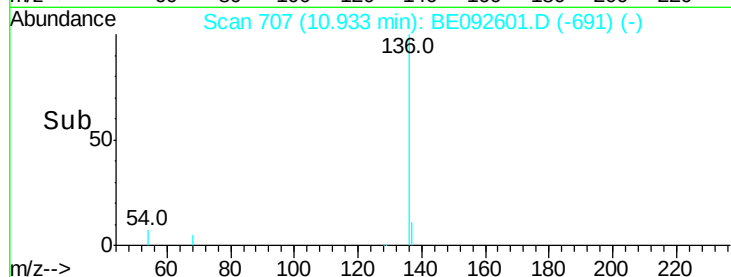


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.14 ng

RT: 9.38 min Scan# 629

Delta R.T. 0.02 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

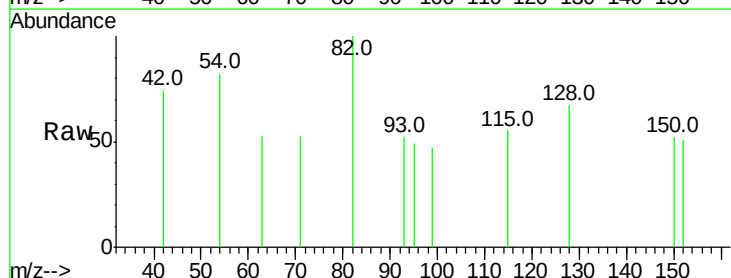
Tgt Ion: 82 Resp: 390

Ion Ratio Lower Upper

82 100

128 67.3 39.0 58.4#

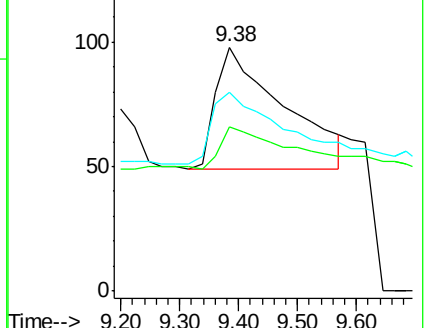
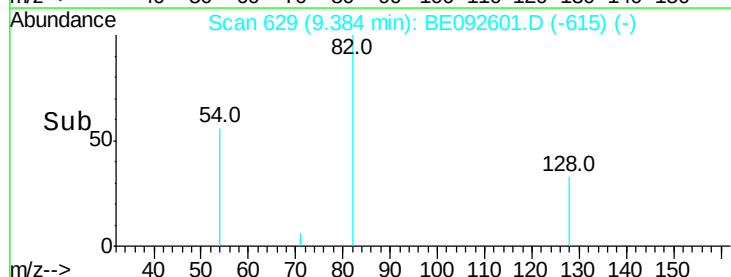
54 81.6 44.8 67.2#

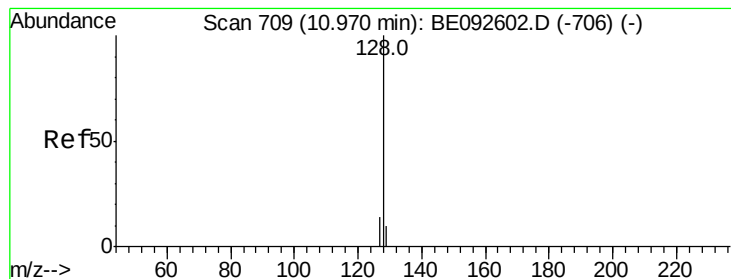


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.18 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

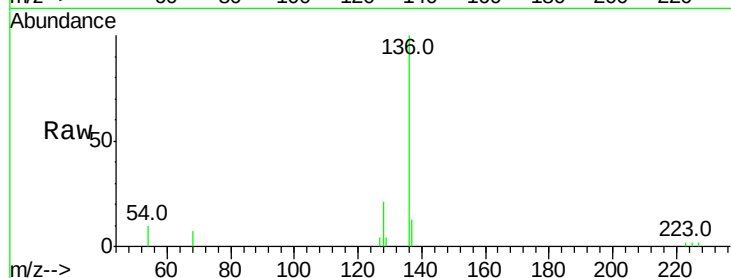
Tot Ion:128 Resp: 1882

Ion Ratio Lower Upper

128 100

129 17.4 11.2 16.8#

127 19.8 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

10.97

600

400

200

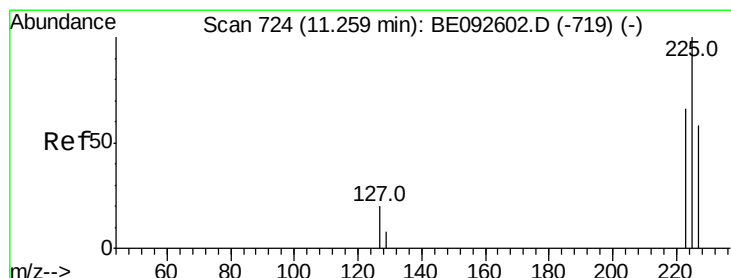
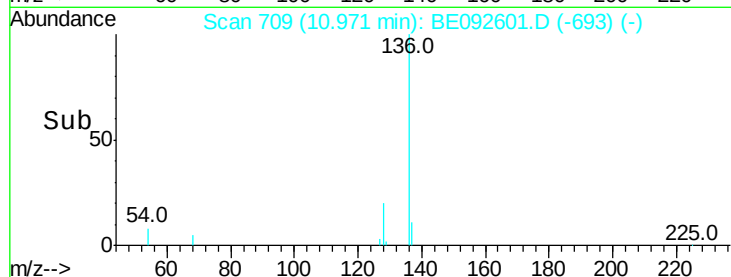
0

Time-->

10.80

11.00

11.20



#10

Hexachlorobutadiene

Concen: 0.19 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

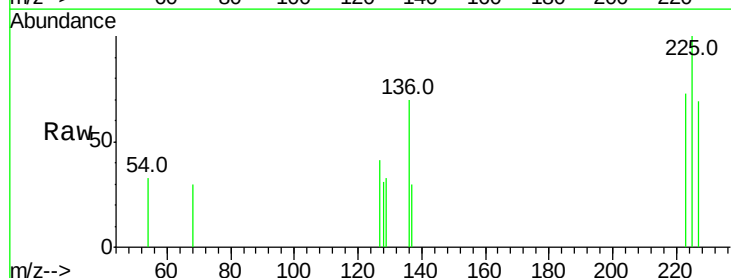
Tgt Ion:225 Resp: 297

Ion Ratio Lower Upper

225 100

223 60.6 50.6 76.0

227 61.3 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

11.26

250

200

150

100

50

0

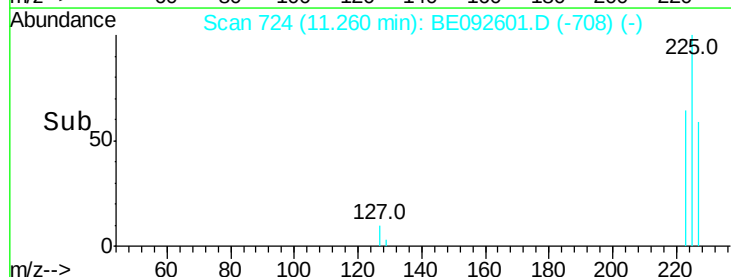
Time-->

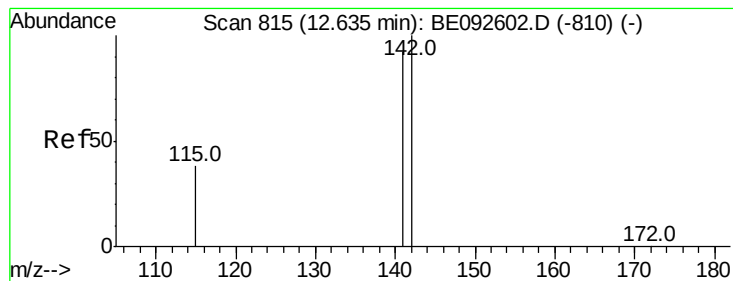
11.00

11.20

11.40

11.60





#11

2-Methylnaphthalene

Concen: 0.17 ng

RT: 12.65 min Scan# 816

Delta R.T. 0.01 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

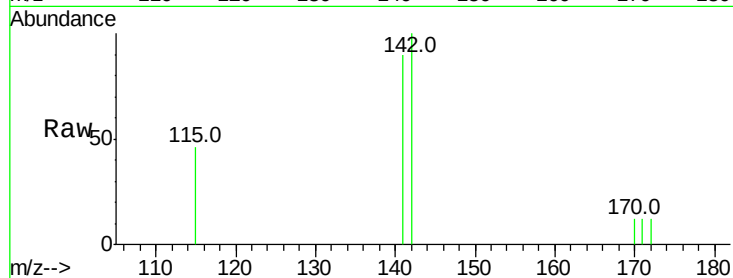
Tot Ion:142 Resp: 1103

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

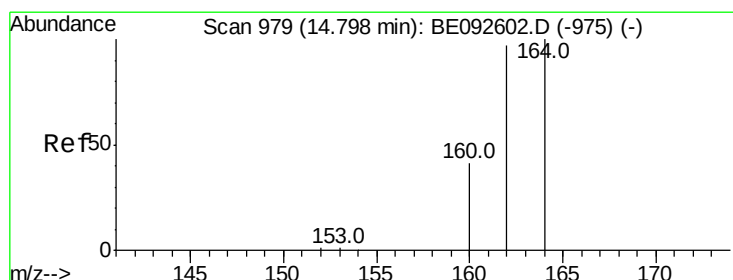
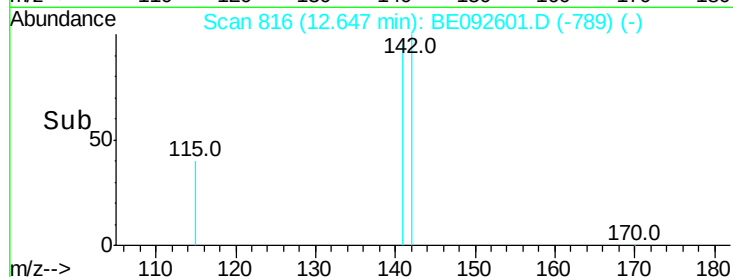
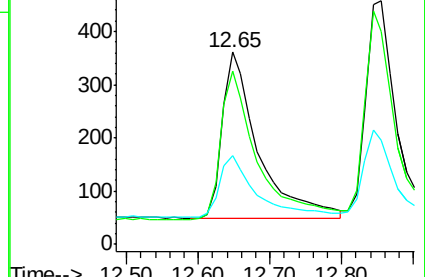
115 46.3 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

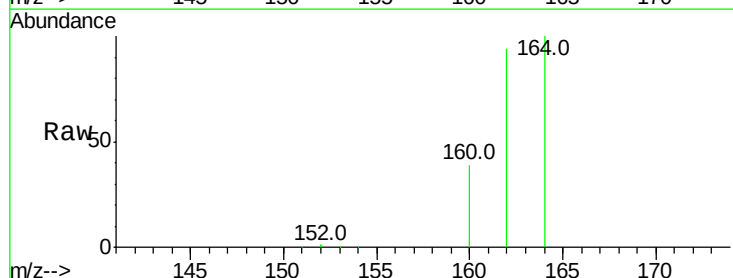
Tgt Ion:164 Resp: 35351

Ion Ratio Lower Upper

164 100

162 94.0 71.4 107.0

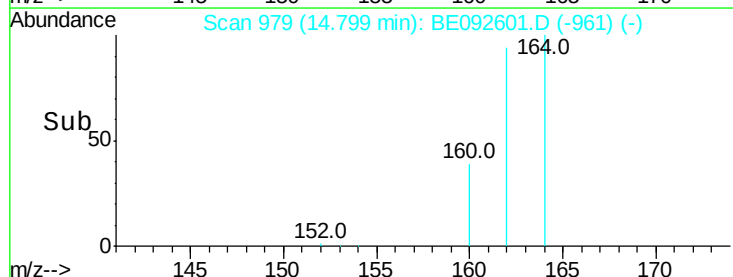
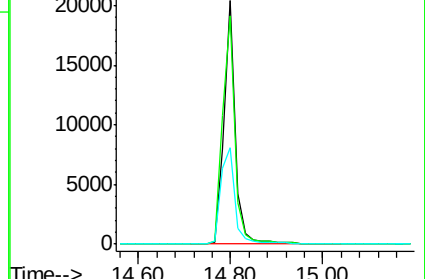
160 39.4 27.4 41.2

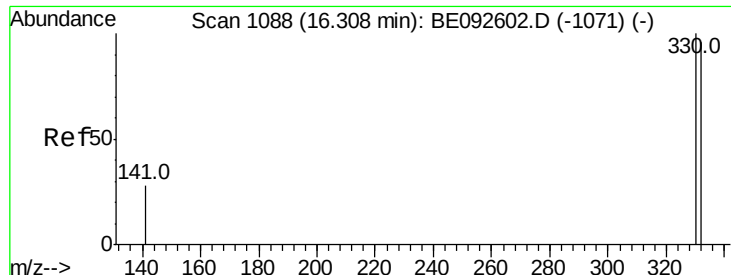


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

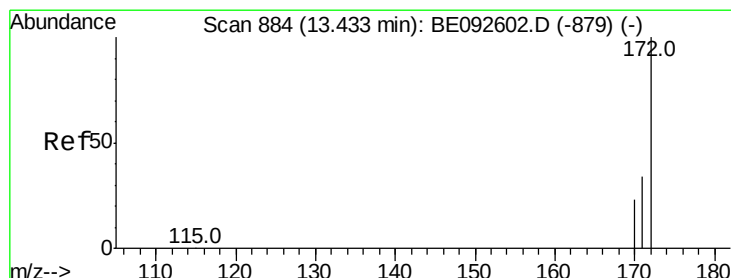
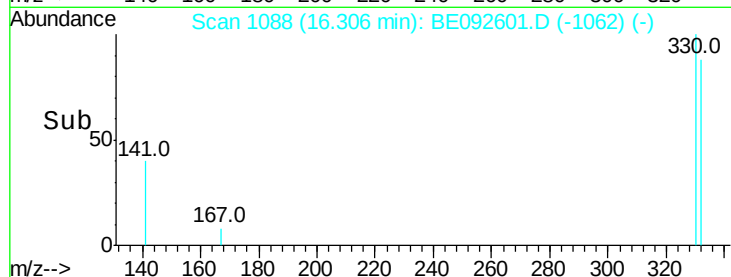
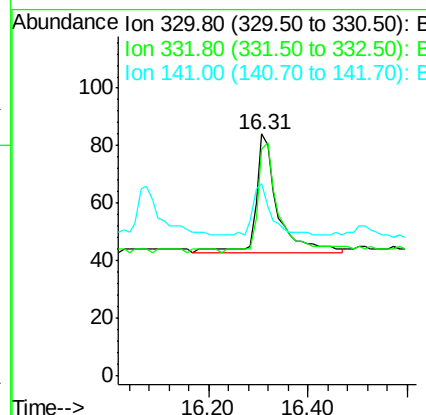
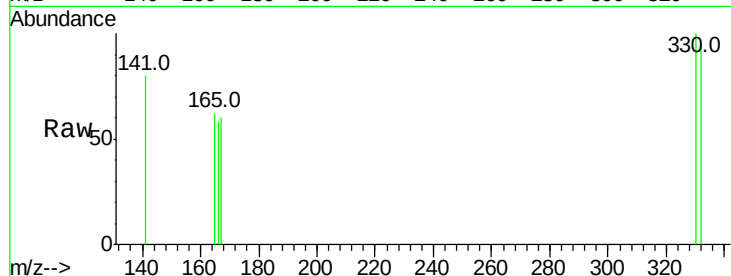




#13
 2,4,6-Tribromophenol
 Concen: 0.15 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BE092601.D
 Acq: 19 Dec 2016 10:37

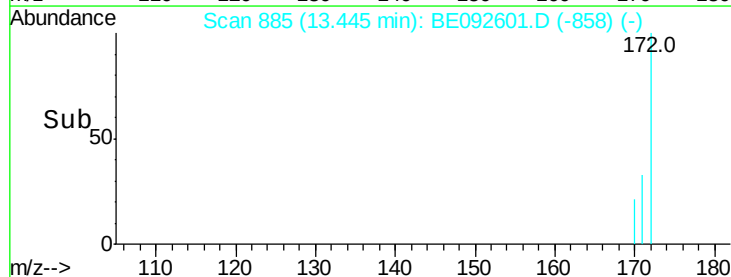
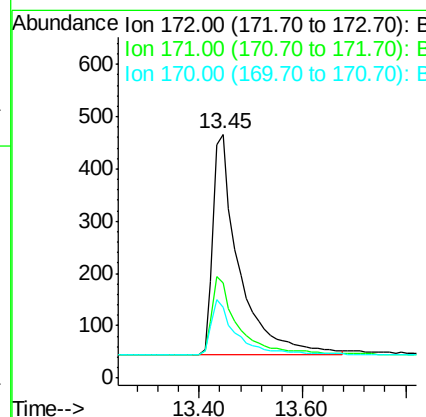
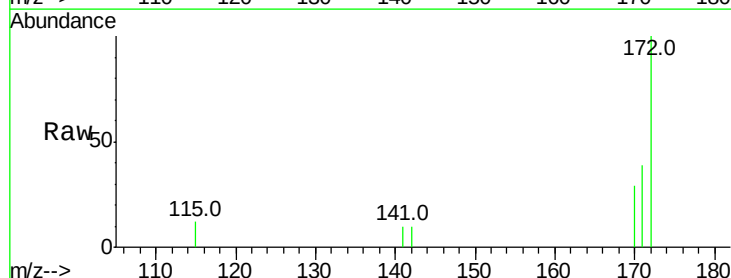
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

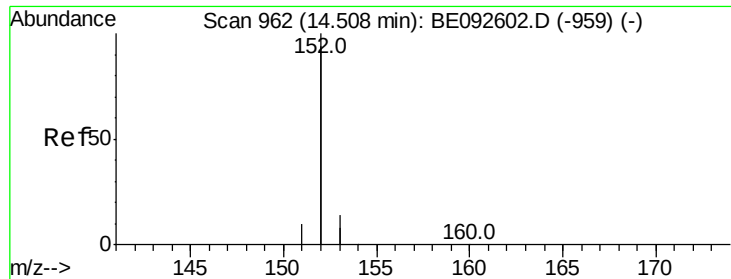
Tot Ion:330 Resp: 122
 Ion Ratio Lower Upper
 330 100
 332 88.5 75.4 113.0
 141 36.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.17 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BE092601.D
 Acq: 19 Dec 2016 10:37

Tgt Ion:172 Resp: 1483
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.1 45.1
 170 29.0 21.8 32.6





#15

Acenaphthylene

Concen: 0.18 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

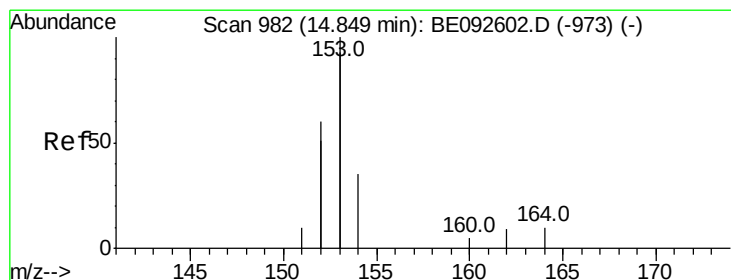
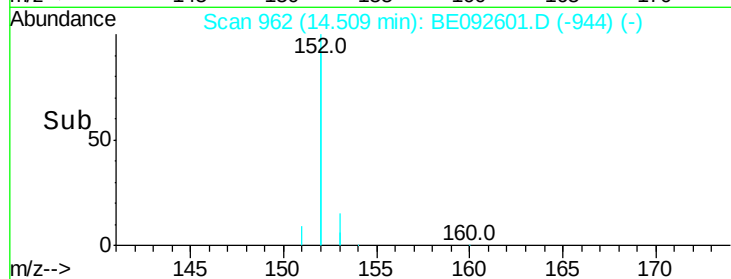
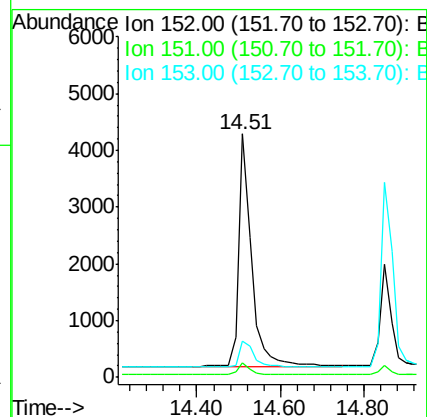
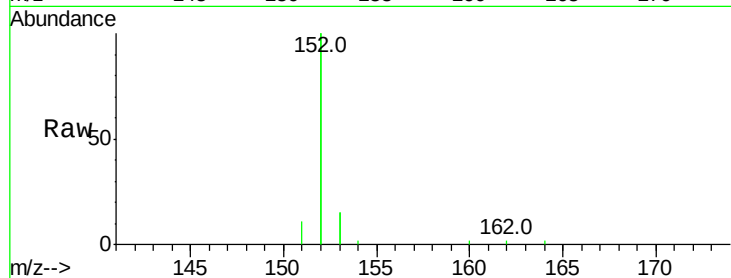
Tot Ion:152 Resp: 8783

Ion Ratio Lower Upper

152 100

151 4.7 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 0.19 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

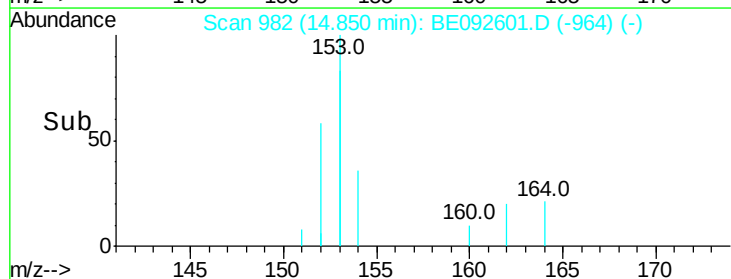
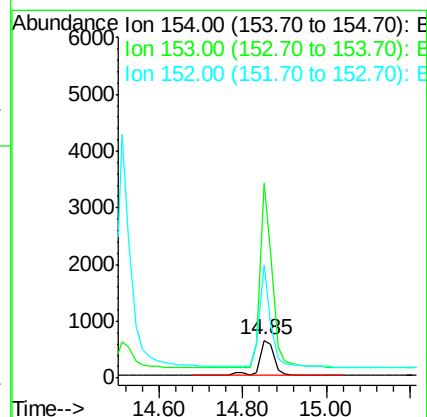
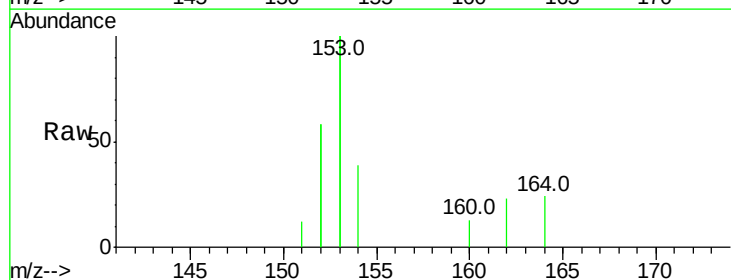
Tgt Ion:154 Resp: 1556

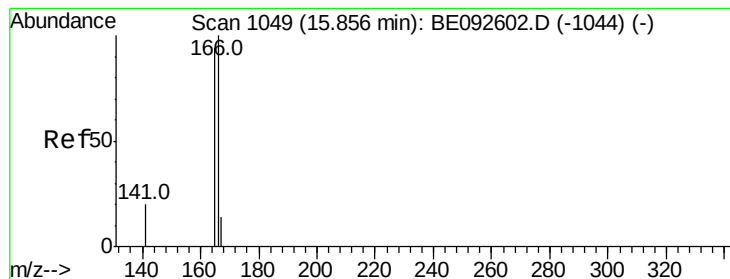
Ion Ratio Lower Upper

154 100

153 416.8 350.8 526.2

152 219.2 171.1 256.7





#17

Fluorene

Concen: 0.18 ng

RT: 15.85 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

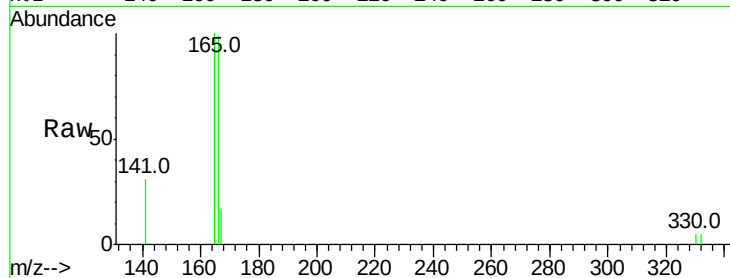
Tot Ion:166 Resp: 1760

Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.4

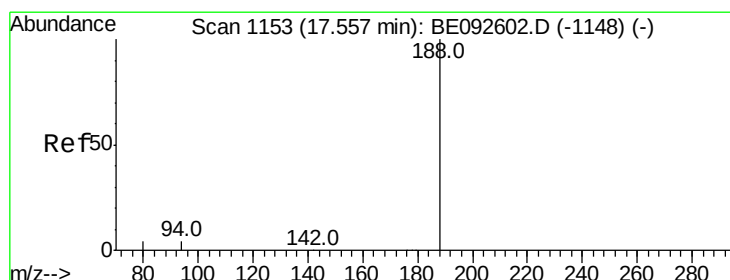
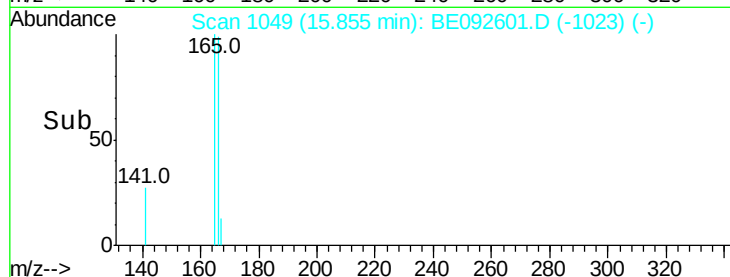
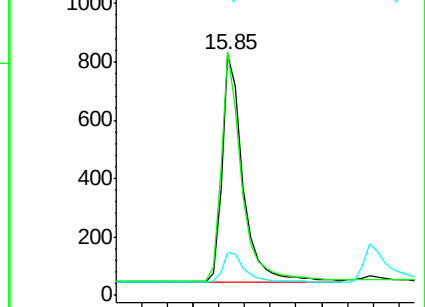
167 13.2 11.0 16.4



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# 1153

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

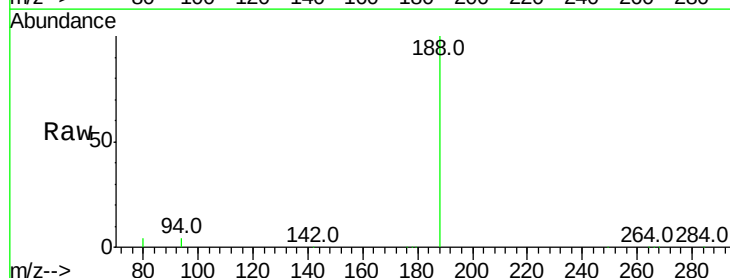
Tgt Ion:188 Resp: 75974

Ion Ratio Lower Upper

188 100

94 4.2 3.2 4.8

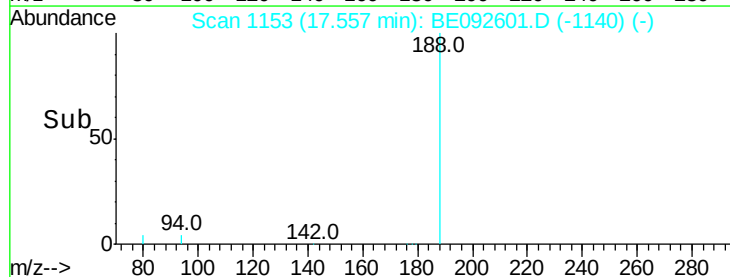
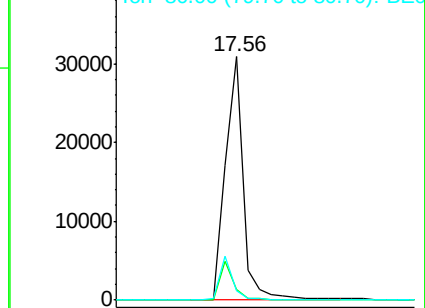
80 3.7 2.6 3.8

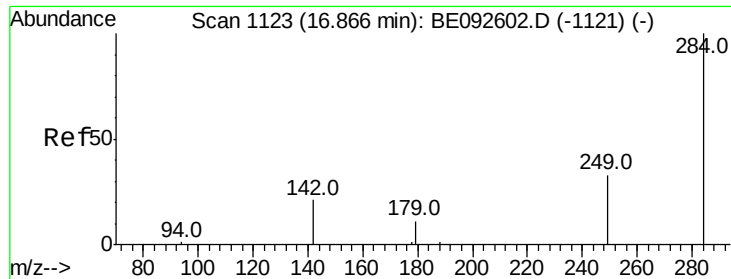


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Hexachlorobenzene

Concen: 0.24 ng

RT: 16.87 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

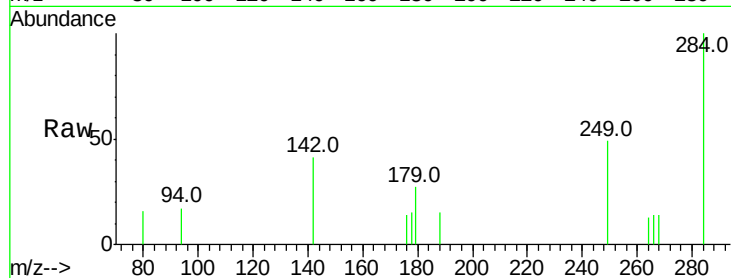
Tot Ion:284 Resp: 720

Ion Ratio Lower Upper

284 100

142 39.9 29.1 43.7

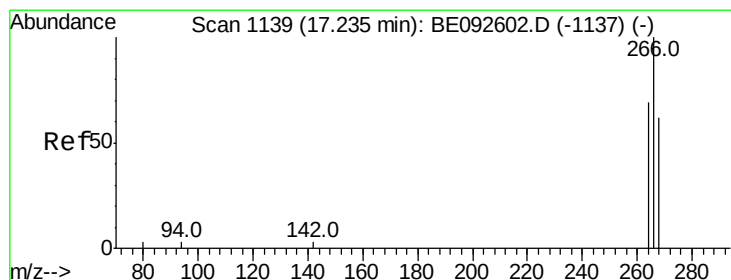
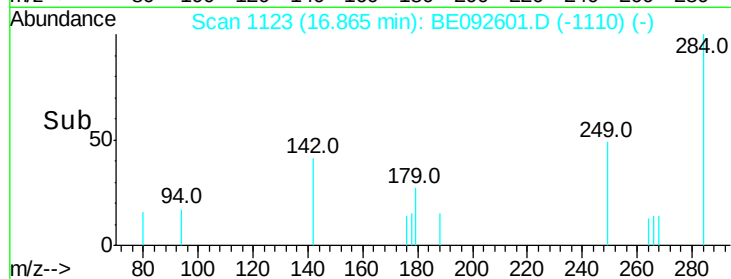
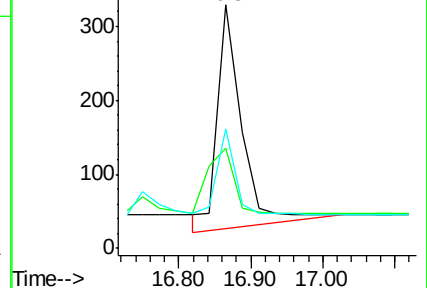
249 52.4 27.9 41.9#



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: 0.12 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

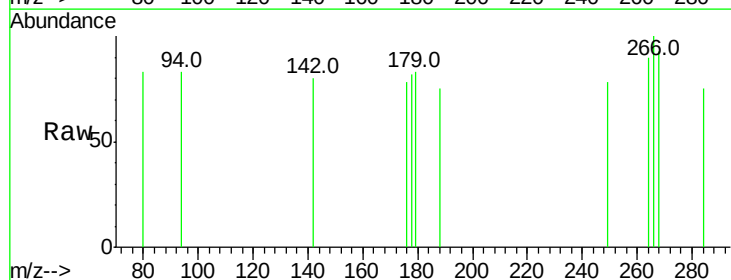
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

268 93.3 62.5 93.7

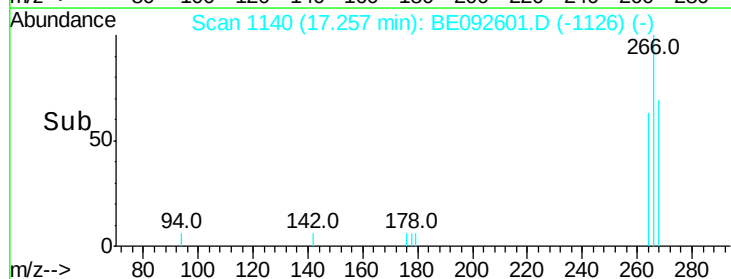
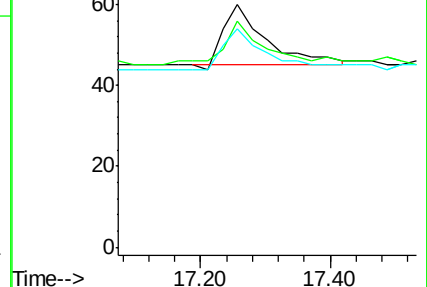
264 90.0 57.2 85.8#

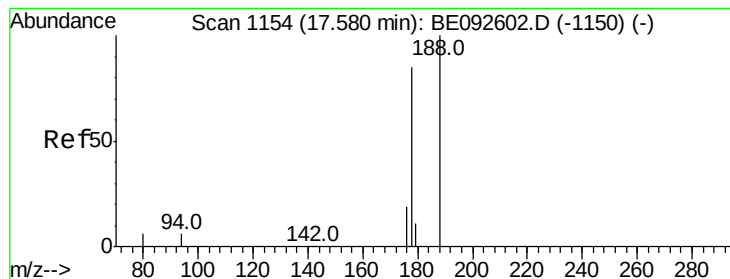


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.20 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

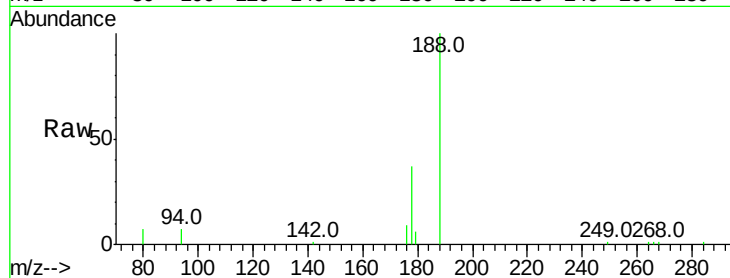
Tot Ion:178 Resp: 3399

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

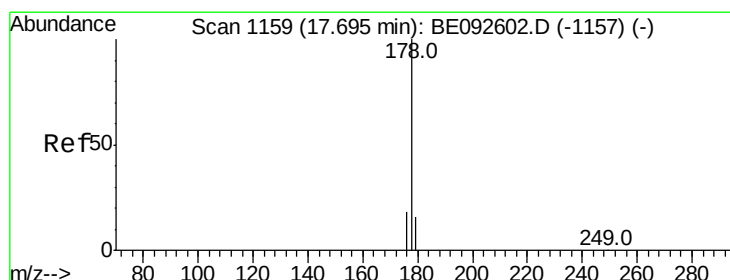
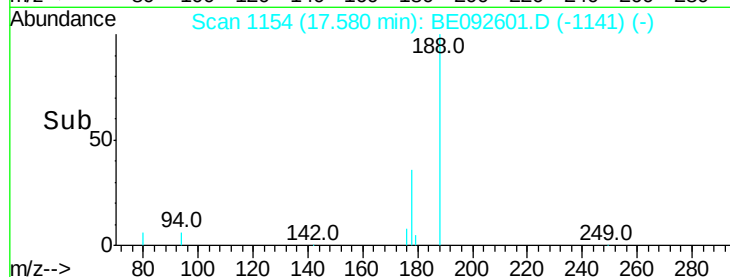
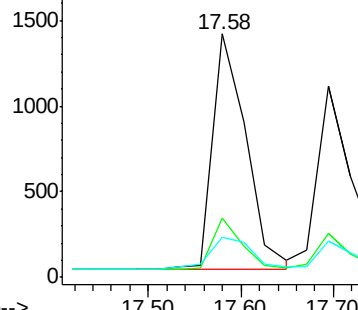
179 16.7 16.0 24.0



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: 0.19 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

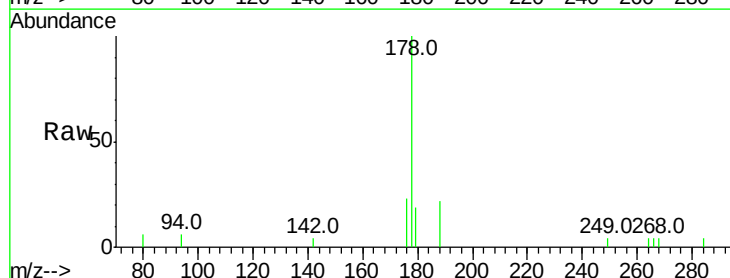
Tgt Ion:178 Resp: 2963

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

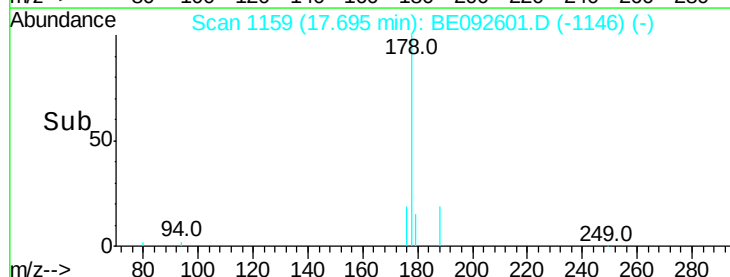
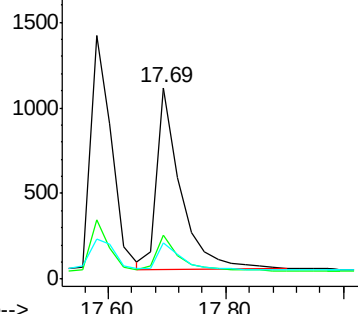
179 16.1 12.2 18.2

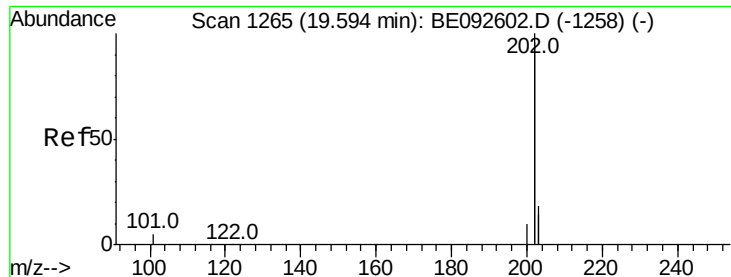


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.18 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

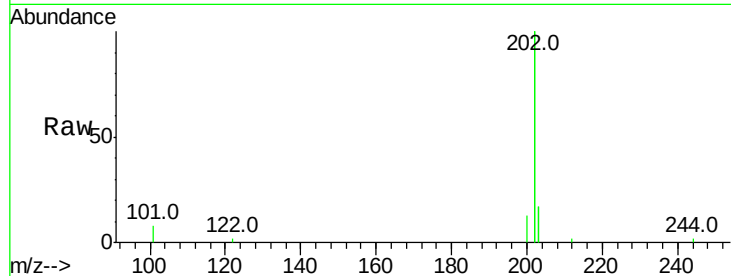
Tot Ion:202 Resp: 14346

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

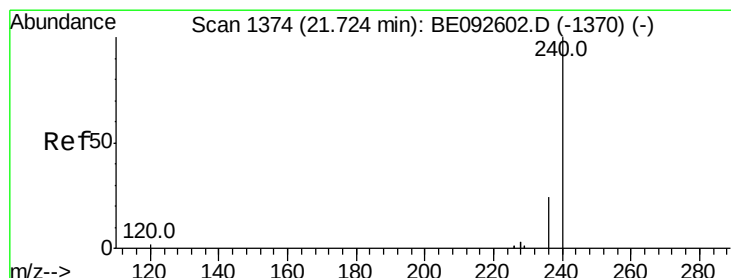
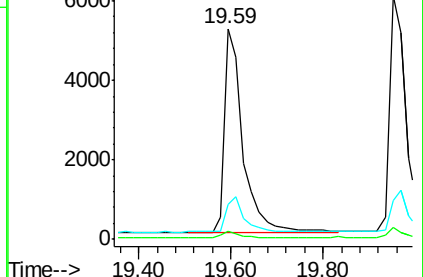
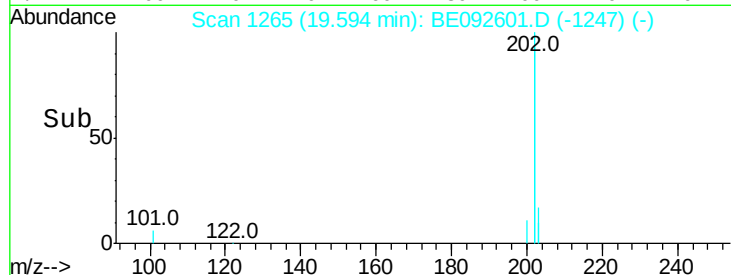
203 17.6 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

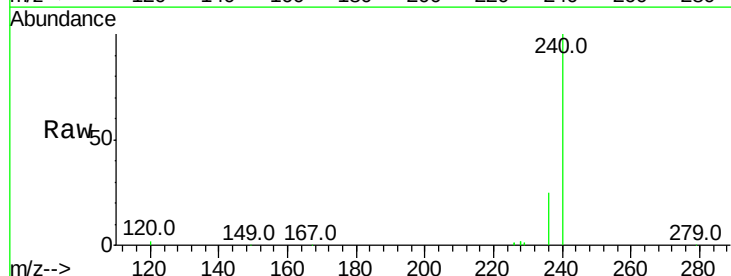
Tgt Ion:240 Resp: 98049

Ion Ratio Lower Upper

240 100

120 1.8 2.6 4.0#

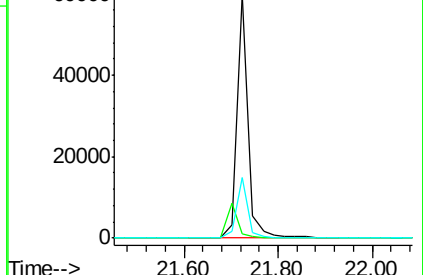
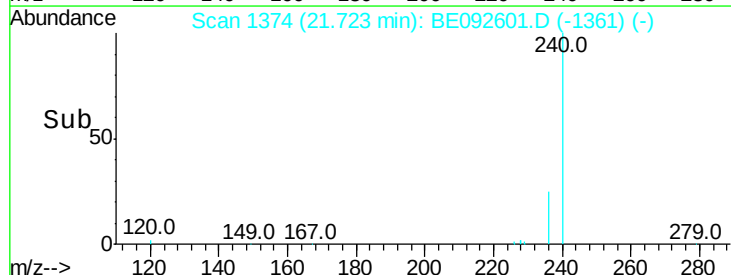
236 25.1 24.6 37.0

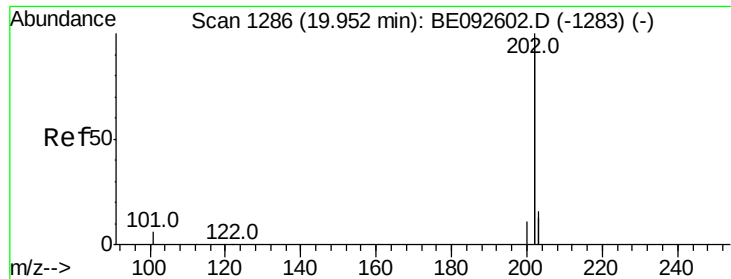


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.19 ng

RT: 19.95 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

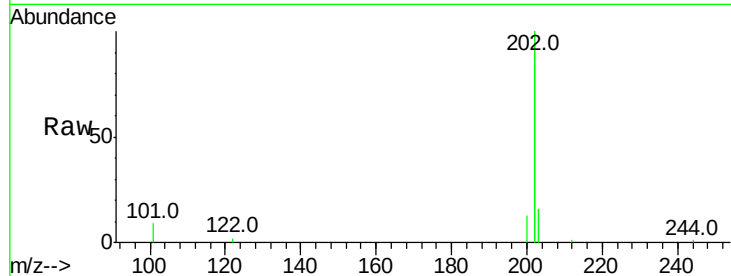
Tot Ion:202 Resp: 15043

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

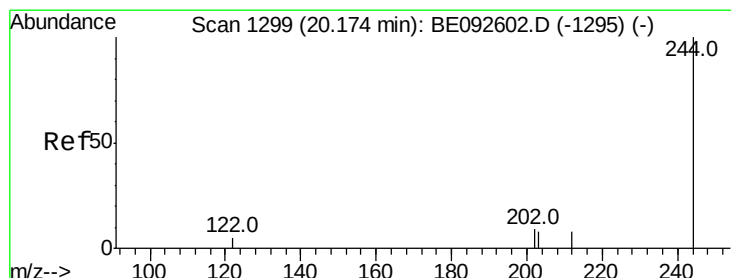
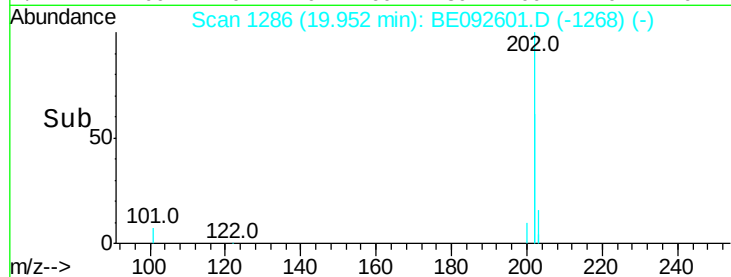
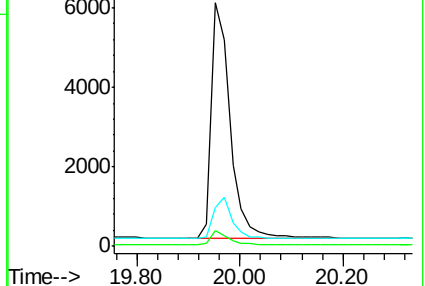
203 17.5 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.18 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

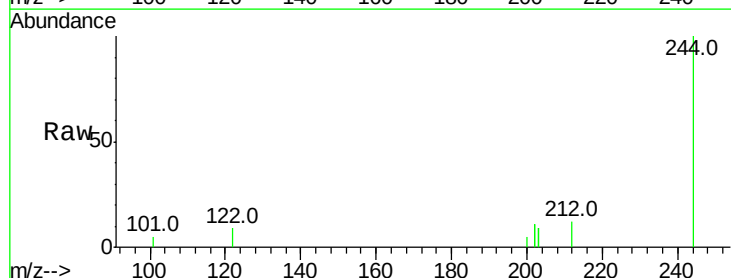
Tgt Ion:244 Resp: 2072

Ion Ratio Lower Upper

244 100

212 11.7 6.7 10.1#

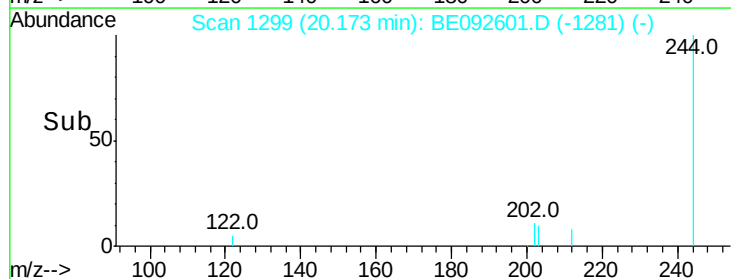
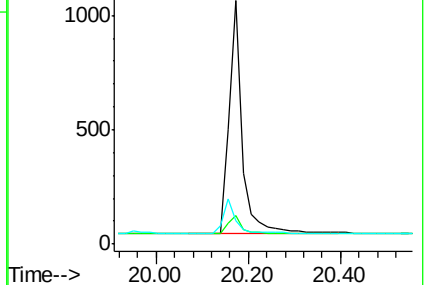
122 9.4 3.6 5.4#

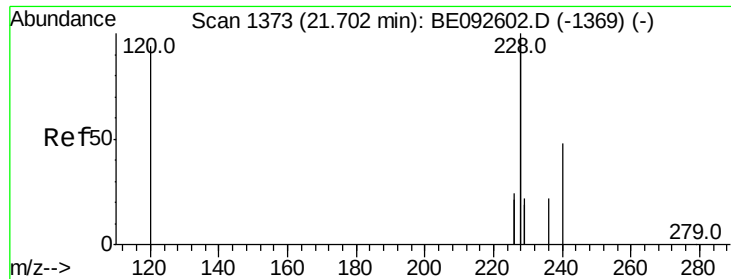


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

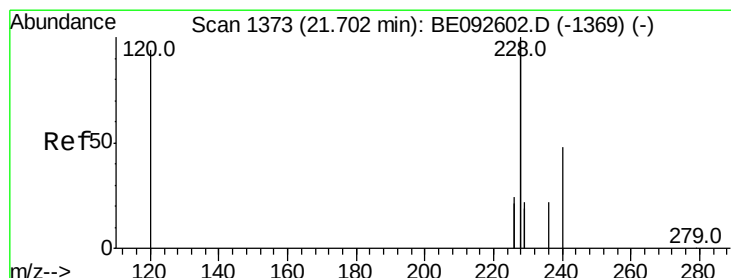
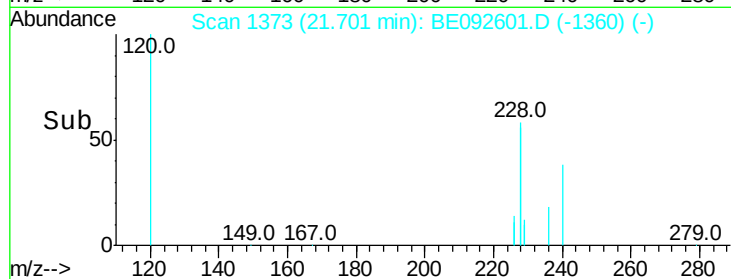
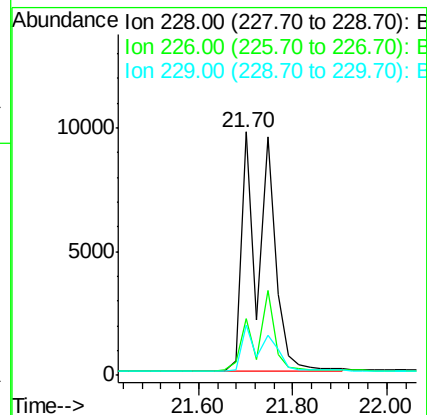
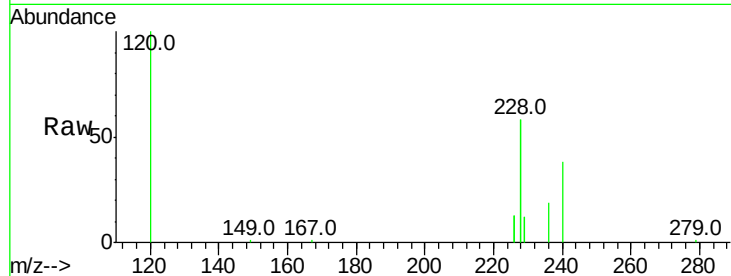




#27
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092601.D
Acq: 19 Dec 2016 10:37

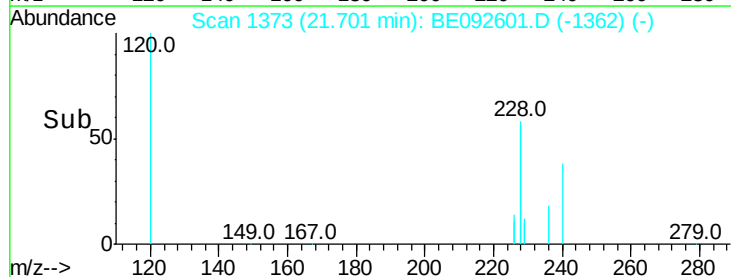
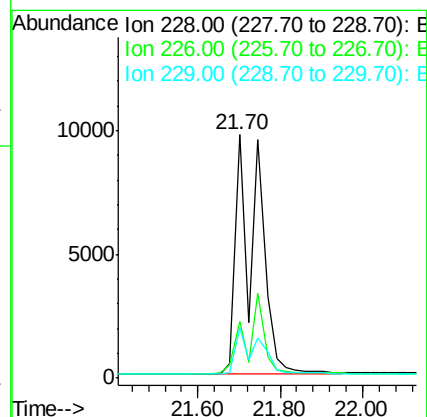
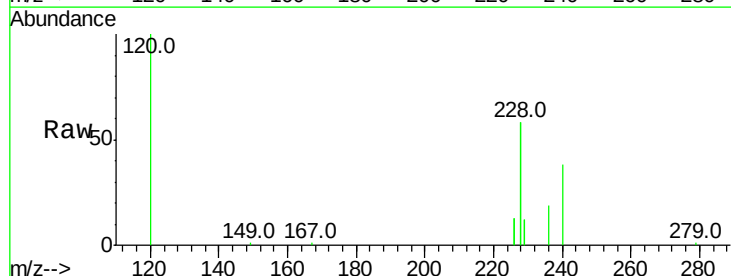
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

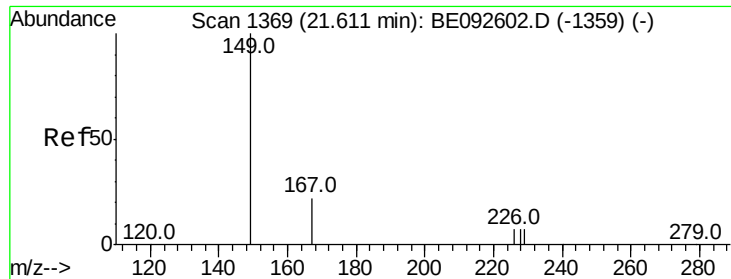
Tot Ion:228 Resp: 35219
Ion Ratio Lower Upper
228 100
226 23.4 23.6 35.4#
229 20.9 13.3 19.9#



#28
Chrysene
Concen: 0.42 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092601.D
Acq: 19 Dec 2016 10:37

Tgt Ion:228 Resp: 35378
Ion Ratio Lower Upper
228 100
226 23.4 36.3 54.5#
229 20.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

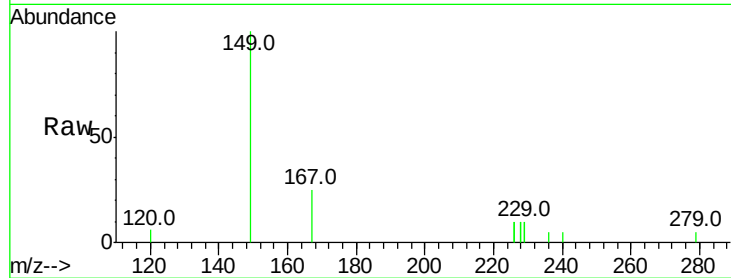
Tot Ion:149 Resp: 1278

Ion Ratio Lower Upper

149 100

167 22.1 16.0 24.0

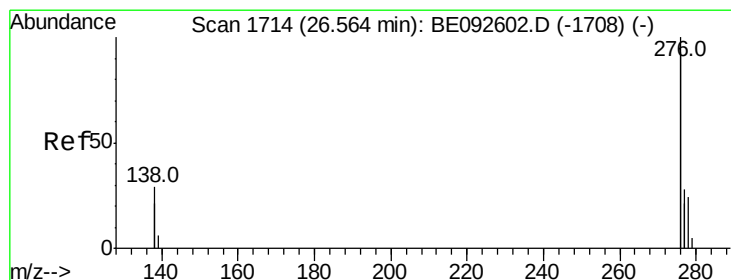
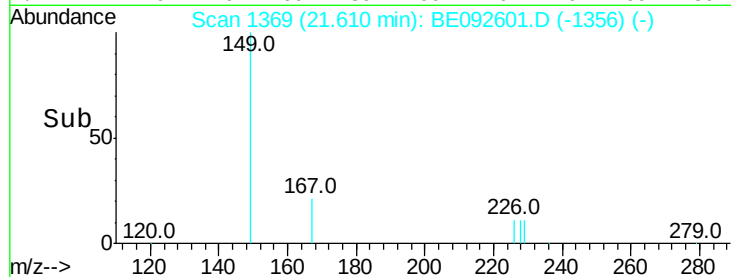
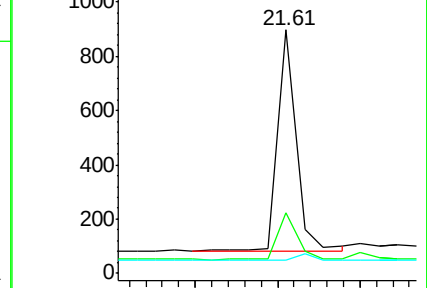
279 0.0 16.0 24.0#



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: 0.17 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

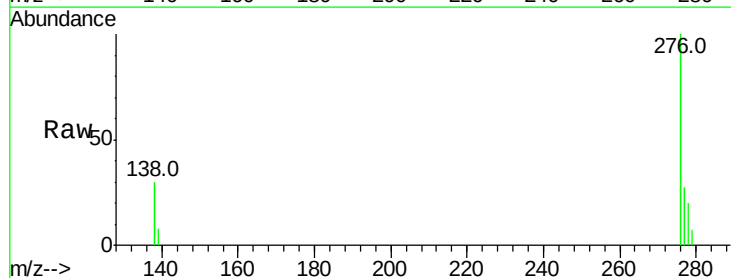
Tgt Ion:276 Resp: 15545

Ion Ratio Lower Upper

276 100

138 26.5 20.3 30.5

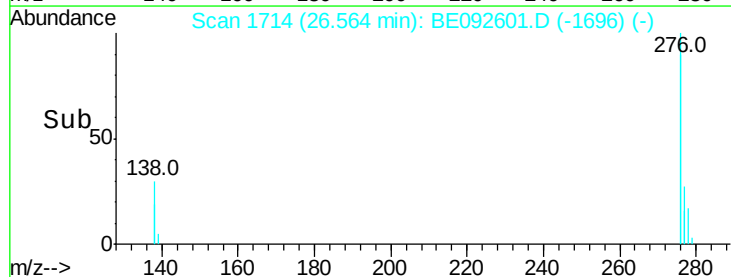
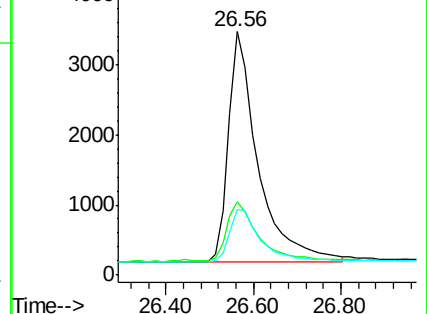
277 24.5 19.7 29.5

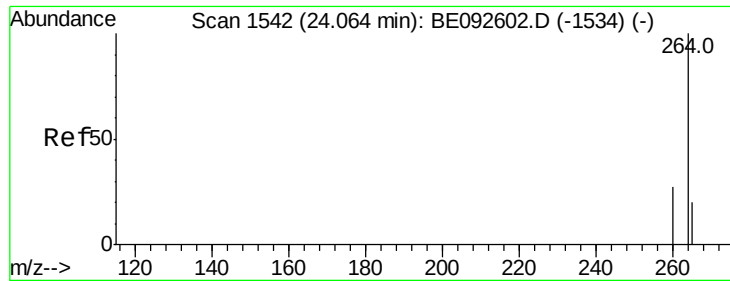


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

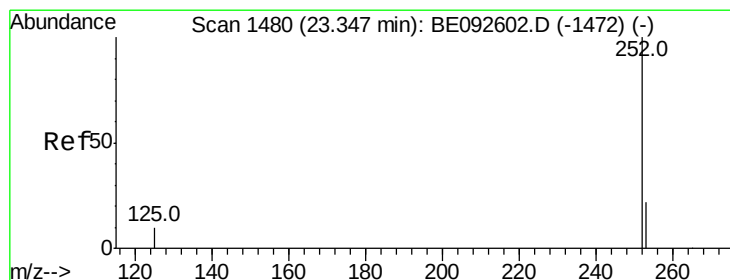
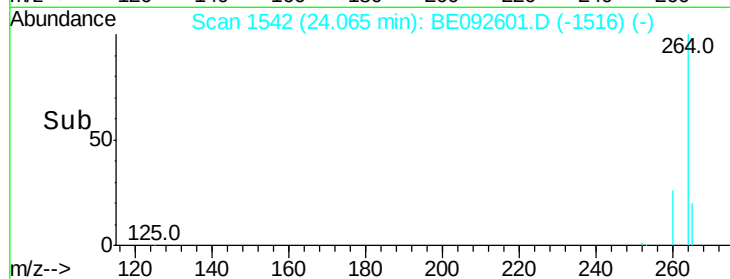
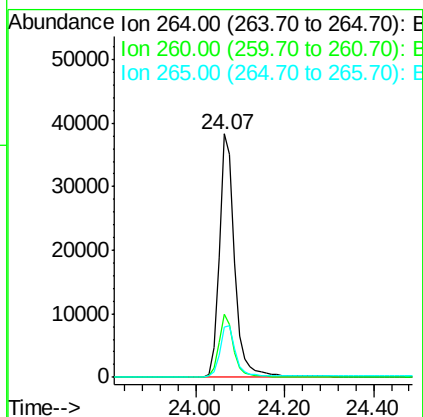
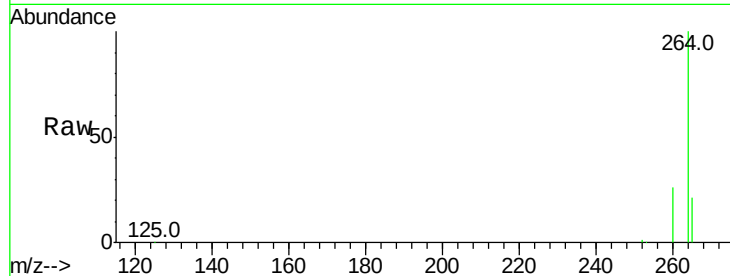




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092601.D
Acq: 19 Dec 2016 10:37

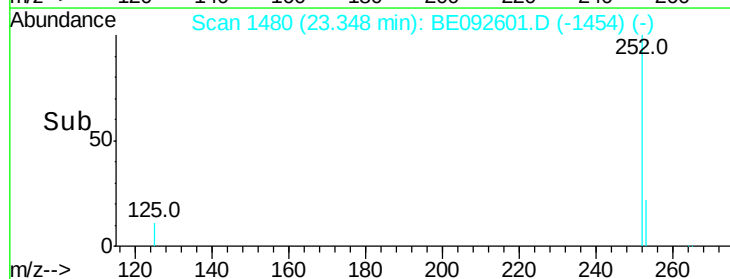
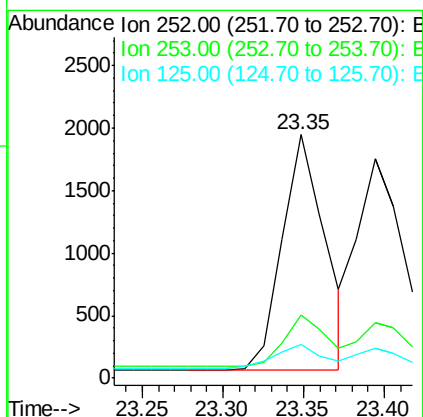
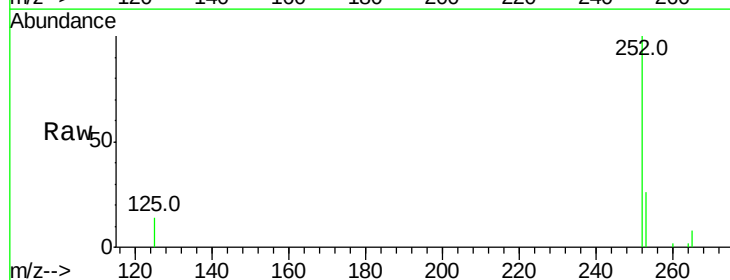
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

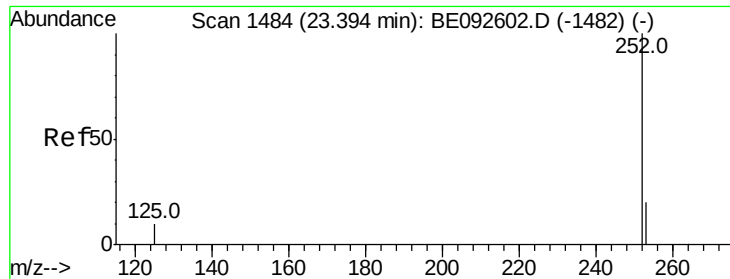
Tot Ion:264 Resp: 91361
Ion Ratio Lower Upper
264 100
260 26.1 20.1 30.1
265 20.6 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092601.D
Acq: 19 Dec 2016 10:37

Tgt Ion:252 Resp: 3499
Ion Ratio Lower Upper
252 100
253 26.1 18.7 28.1
125 13.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

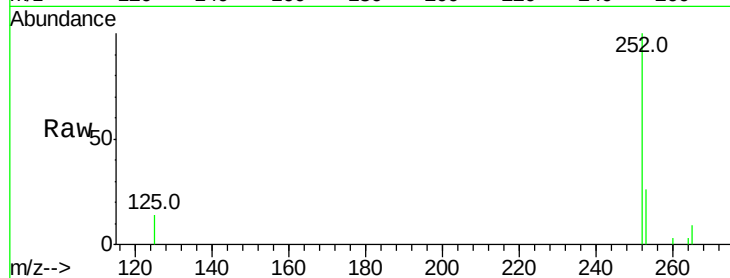
Tot Ion:252 Resp: 4028

Ion Ratio Lower Upper

252 100

253 25.5 20.3 30.5

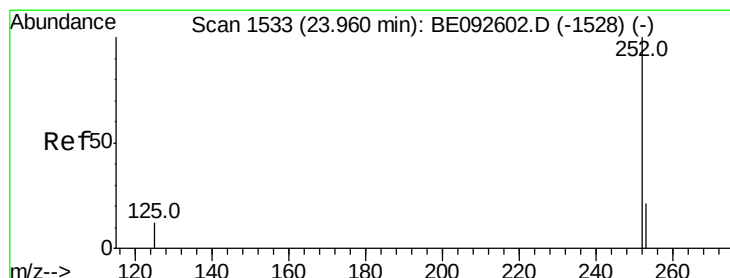
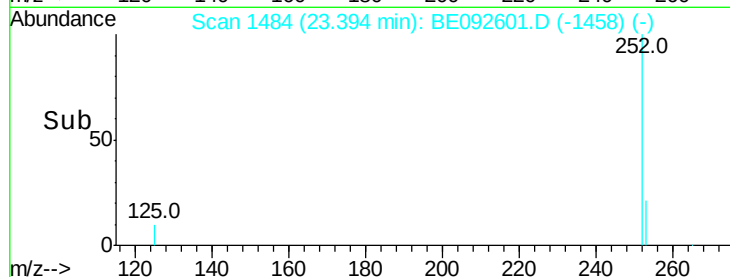
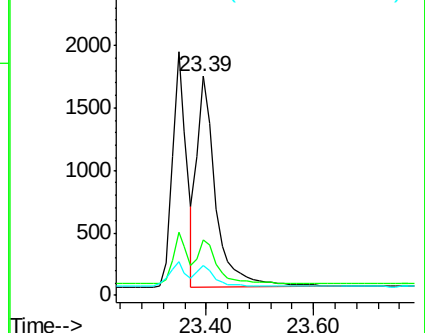
125 13.9 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 0.16 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

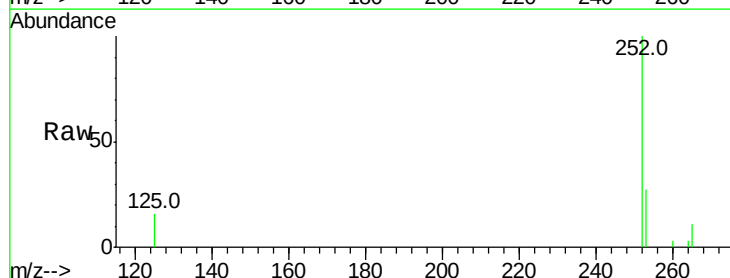
Tgt Ion:252 Resp: 3283

Ion Ratio Lower Upper

252 100

253 26.9 19.0 28.6

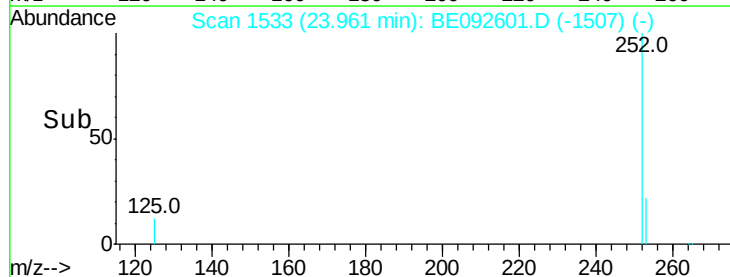
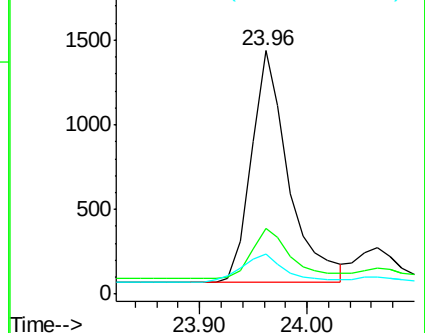
125 16.3 11.8 17.8

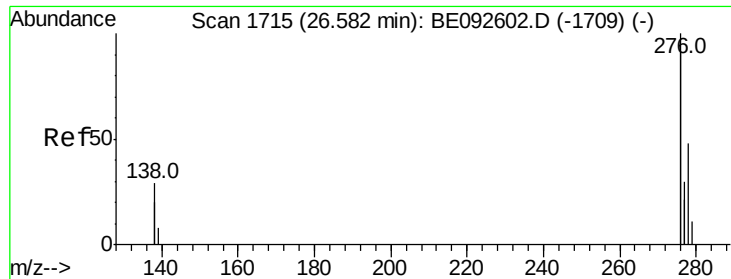


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.15 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

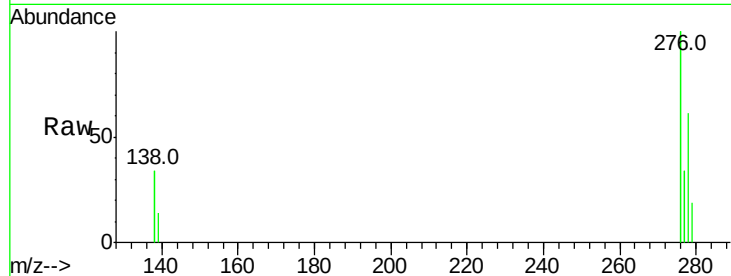
Tot Ion:278 Resp: 3087

Ion Ratio Lower Upper

278 100

139 23.4 13.8 20.8#

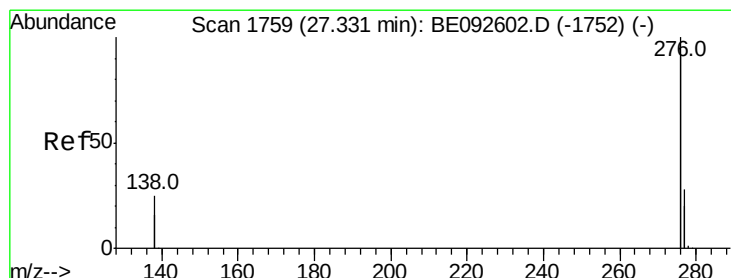
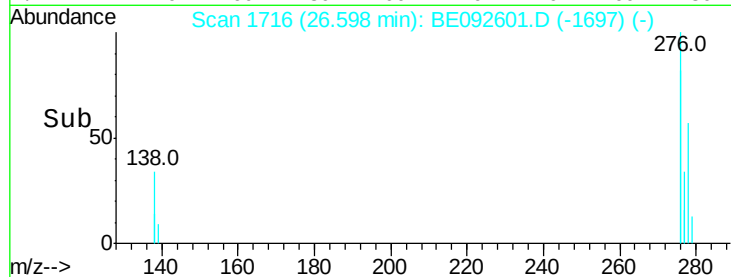
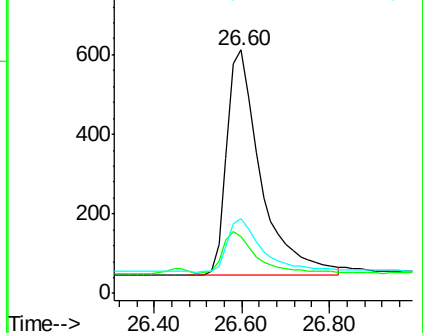
279 30.7 21.4 32.2



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: 0.16 ng

RT: 27.33 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BE092601.D

Acq: 19 Dec 2016 10:37

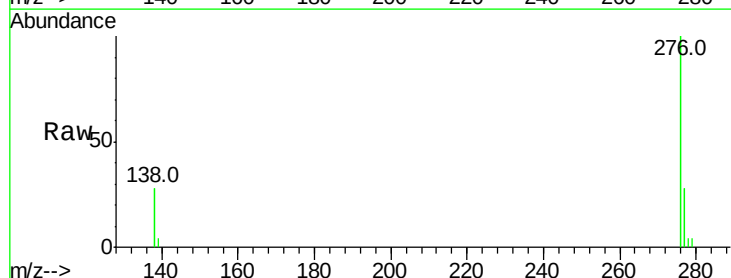
Tgt Ion:276 Resp: 14026

Ion Ratio Lower Upper

276 100

277 28.0 19.8 29.8

138 28.5 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

