

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092107.D
 Acq On : 2 Aug 2016 12:09
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 02 13:47:42 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 13:43:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	11043	5.00	ng	0.01
6) Naphthalene-d8	10.99	136	50253	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	28810	5.00	ng	0.00
16) Phenanthrene-d10	17.58	188	64963	5.00	ng	0.00
22) Chrysene-d12	21.75	240	79923	5.00	ng	0.00
28) Perylene-d12	24.14	264	82648	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	545	0.15	ng	0.00
5) Phenol-d6	7.35	99	796	0.18	ng	0.00
7) Nitrobenzene-d5	9.35	82	906	0.21	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	172	0.08	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	1839	0.16	ng	0.00
24) Terphenyl-d14	20.21	244	2342	0.19	ng	0.00

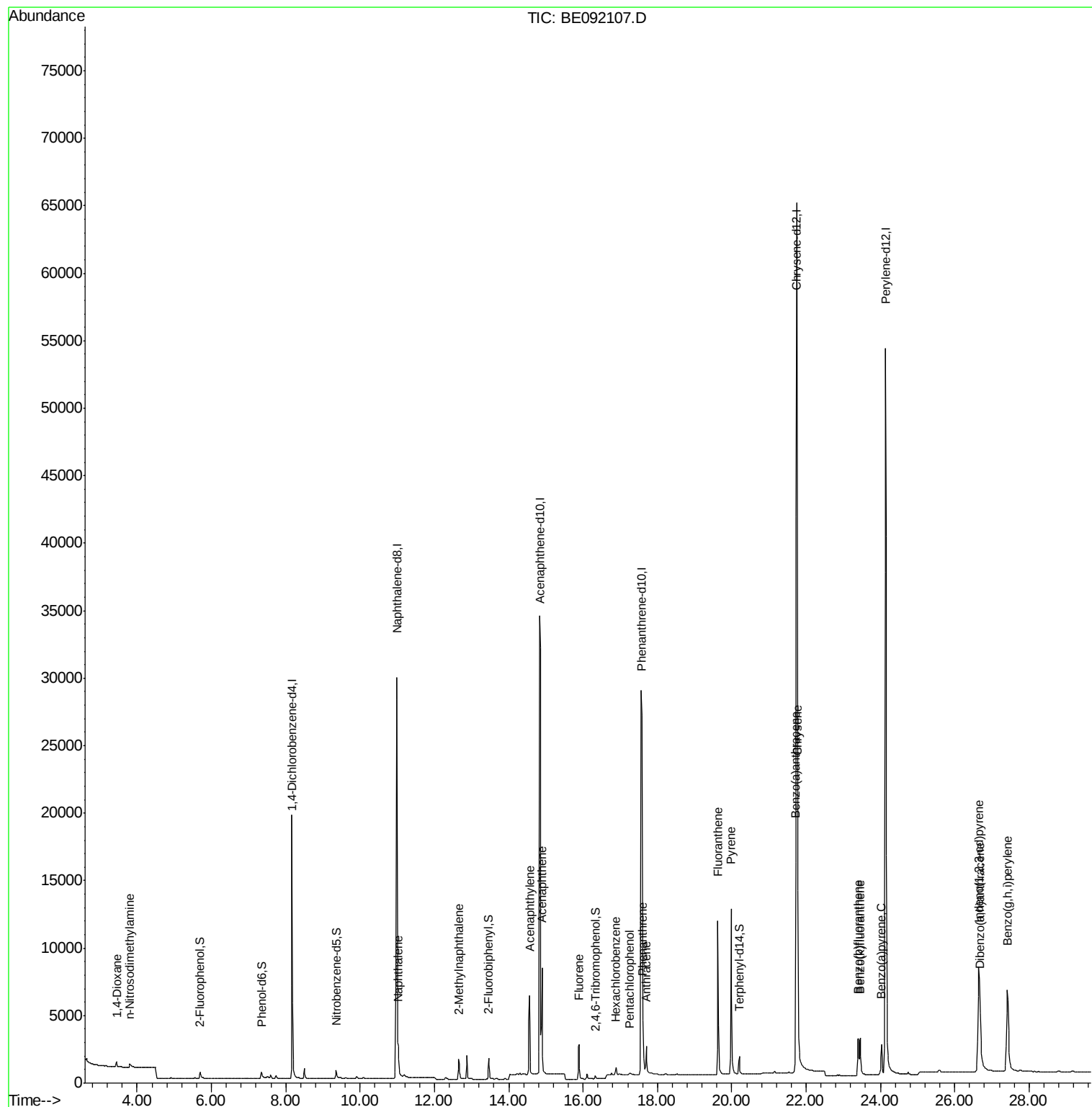
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	346	0.22	ng	95
3) n-Nitrosodimethylamine	3.80	42	348	0.17	ng	# 93
8) Naphthalene	11.03	128	2436	0.21	ng	98
9) 2-Methylnaphthalene	12.65	142	1456	0.19	ng	# 87
13) Acenaphthylene	14.56	152	9618	0.15	ng	98
14) Acenaphthene	14.90	154	1712	0.19	ng	# 95
15) Fluorene	15.89	166	2011	0.15	ng	99
17) Hexachlorobenzene	16.89	284	633	0.29	ng	# 61
18) Pentachlorophenol	17.26	266	151	0.38	ng	93
19) Phenanthrene	17.60	178	3780	0.22	ng	99
20) Anthracene	17.70	178	3037	0.23	ng	100
21) Fluoranthene	19.63	202	15366	0.30	ng	97
23) Pvrene	19.99	202	16849	0.19	ng	99
25) Benzo(a)anthracene	21.72	228	17499	0.81	ng	# 90
26) Chrysene	21.77	228	17905	0.94	ng	# 79
27) Indeno(1,2,3-cd)pyrene	26.65	276	19398	0.23	ng	100
29) Benzo(b)fluoranthene	23.40	252	4848	0.21	ng	# 91
30) Benzo(k)fluoranthene	23.46	252	4148	0.18	ng	# 94
31) Benzo(a)pvrene	24.02	252	4123	0.19	ng	# 90
32) Dibenzo(a,h)anthracene	26.68	278	3849	0.19	ng	94
33) Benzo(g,h,i)perylene	27.42	276	16930	0.20	ng	97

(#) = 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# 480

Delta R.T. 0.01 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

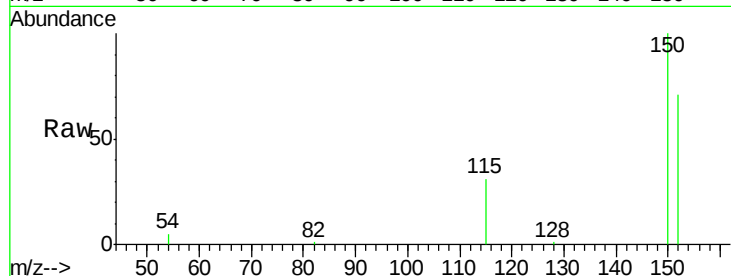
Tot Ion:152 Resp: 11043

Ion Ratio Lower Upper

152 100

150 141.1 106.0 159.0

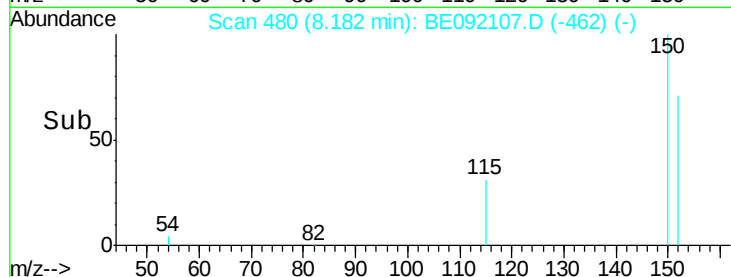
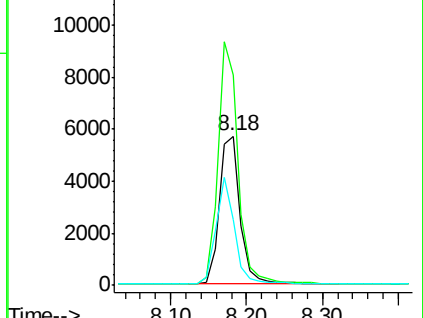
115 43.9 36.9 55.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.22 ng

RT: 3.45 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

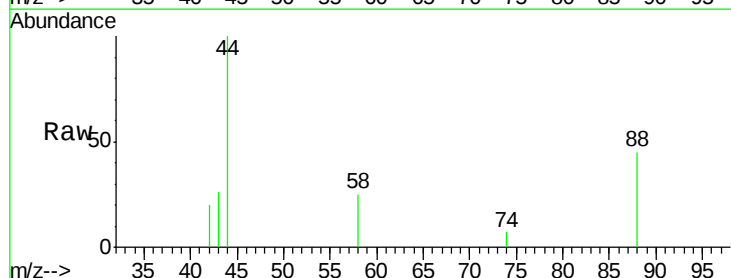
Tgt Ion: 88 Resp: 346

Ion Ratio Lower Upper

88 100

58 73.7 62.1 93.1

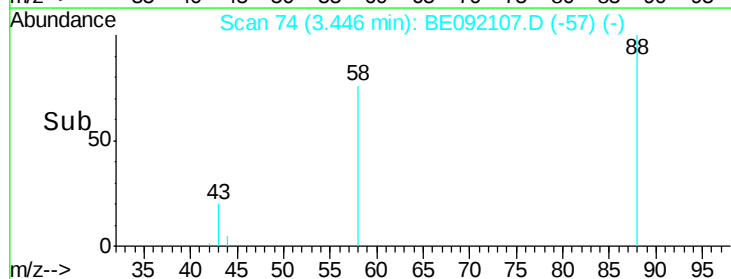
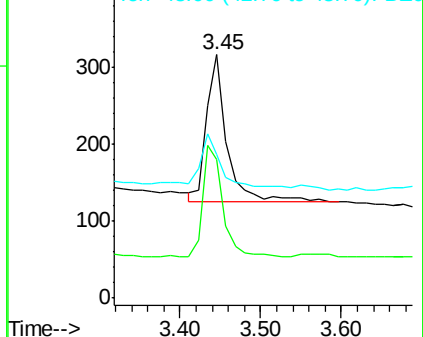
43 36.7 27.2 40.8

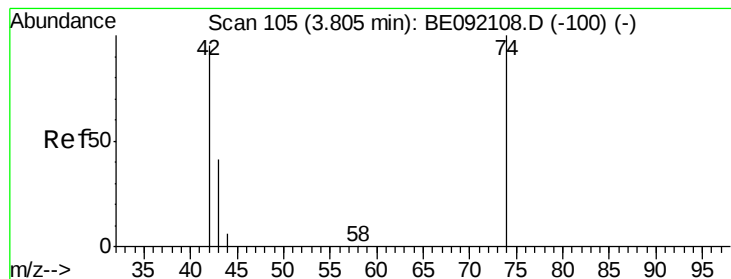


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.17 ng

RT: 3.80 min Scan# 105

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

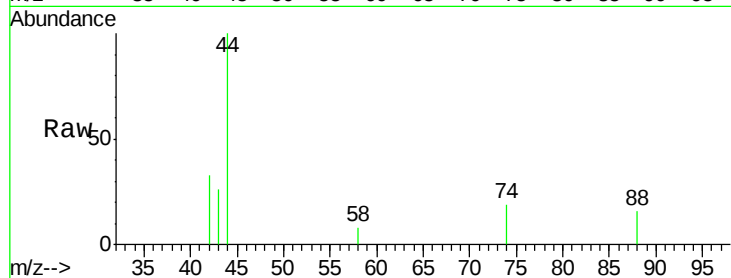
Tot Ion: 42 Resp: 348

Ion Ratio Lower Upper

42 100

74 107.8 82.8 124.2

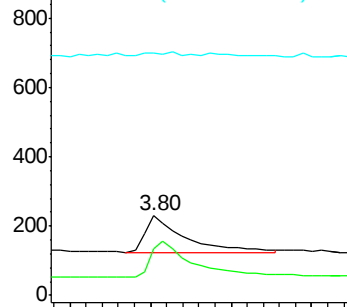
44 0.0 9.0 13.4#



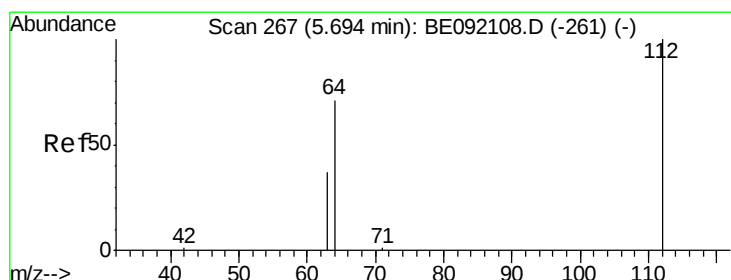
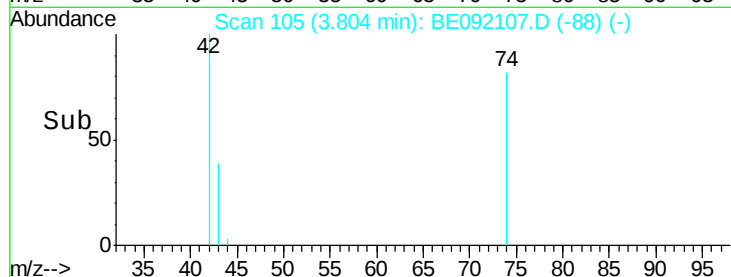
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.15 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

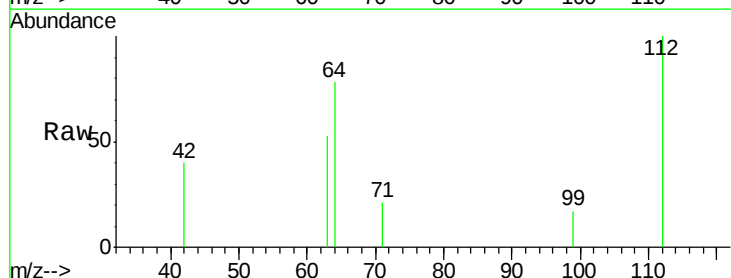
Tgt Ion: 112 Resp: 545

Ion Ratio Lower Upper

112 100

64 66.6 55.9 83.9

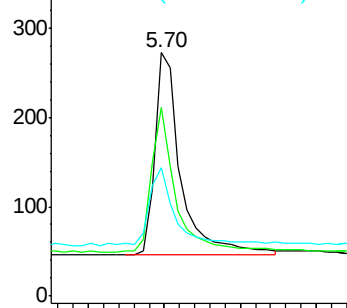
63 38.2 31.1 46.7



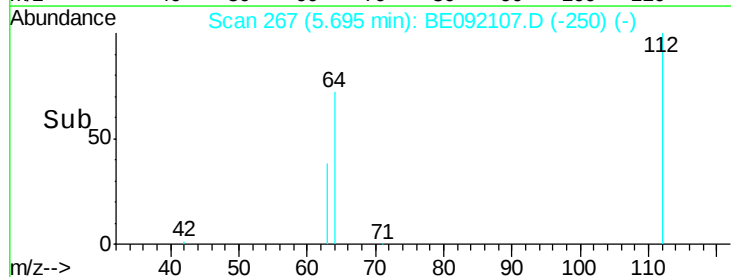
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.18 ng

RT: 7.35 min Scan# 410

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

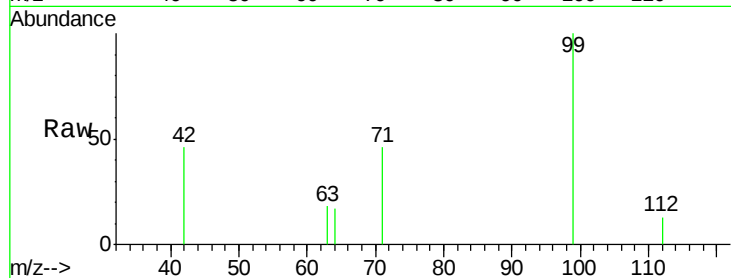
Tot Ion: 99 Resp: 796

Ion Ratio Lower Upper

99 100

42 26.1 22.4 33.6

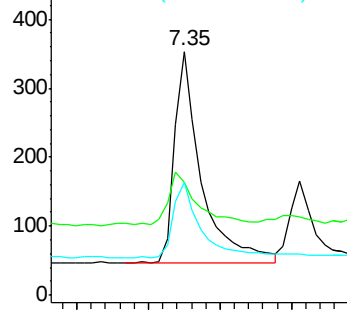
71 38.1 28.9 43.3



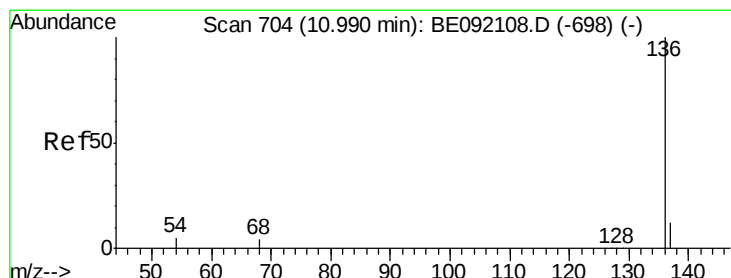
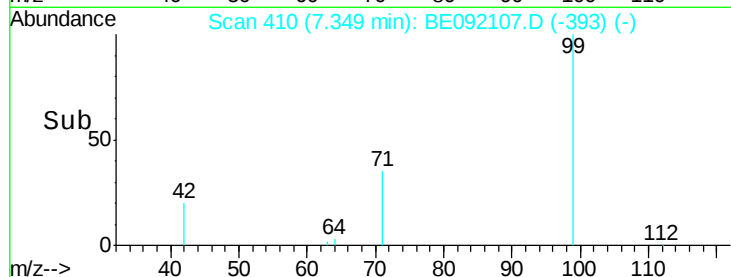
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.20 7.30 7.40 7.50



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Tgt Ion: 136 Resp: 50253

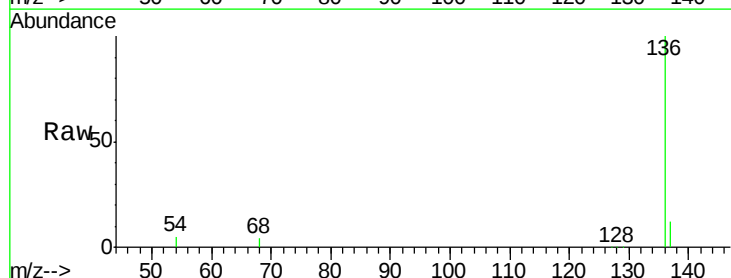
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 5.1 2.7 4.1#

68 4.1 2.2 3.4#

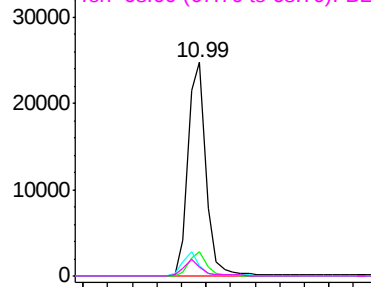


Abundance Ion 136.00 (135.70 to 136.70): E

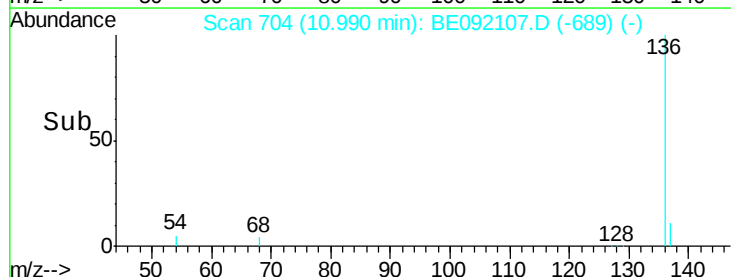
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.80 11.00 11.20





#7

Nitrobenzene-d5

Concen: 0.21 ng

RT: 9.35 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

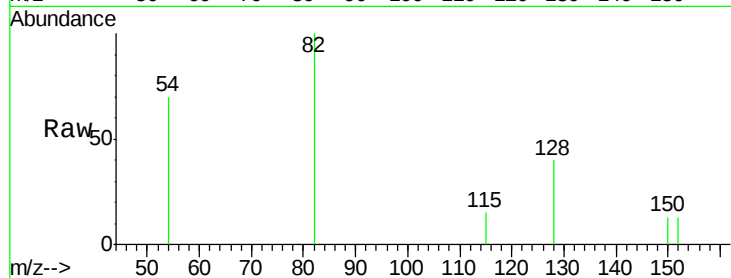
Tot Ion: 82 Resp: 906

Ion Ratio Lower Upper

82 100

128 40.4 33.0 49.4

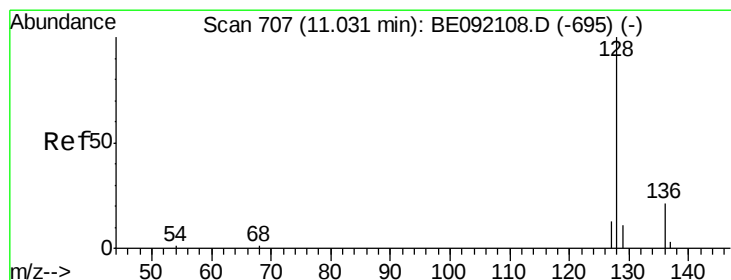
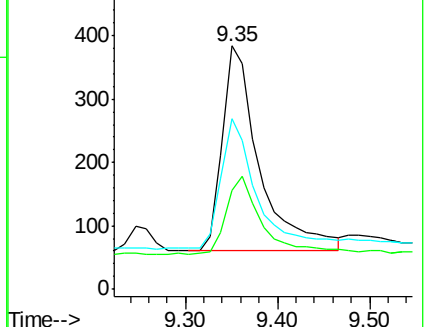
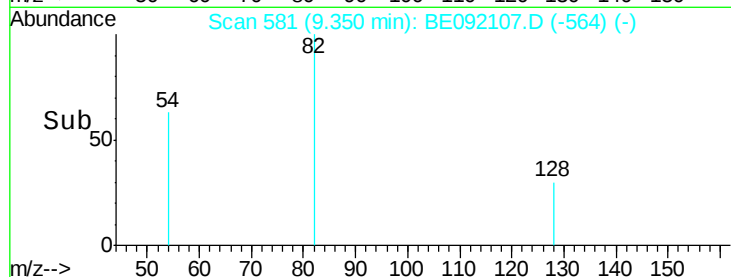
54 70.1 42.6 63.8#



Abundance Ion 82.00 (81.70 to 82.70): BE092107.D (-564) (-)

Ion 128.00 (127.70 to 128.70): BE092107.D (-564) (-)

Ion 54.00 (53.70 to 54.70): BE092107.D (-564) (-)



#8

Naphthalene

Concen: 0.21 ng

RT: 11.03 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

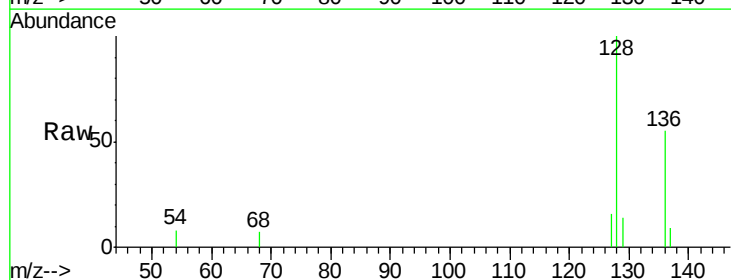
Tgt Ion: 128 Resp: 2436

Ion Ratio Lower Upper

128 100

129 14.3 11.1 16.7

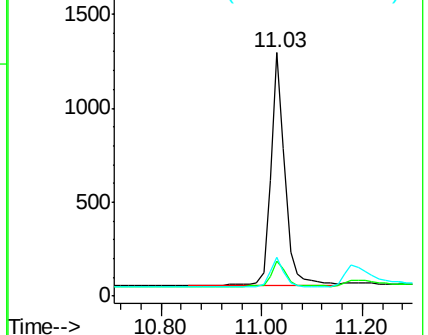
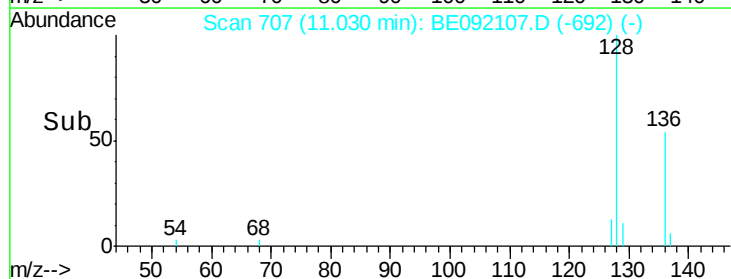
127 15.7 11.3 16.9

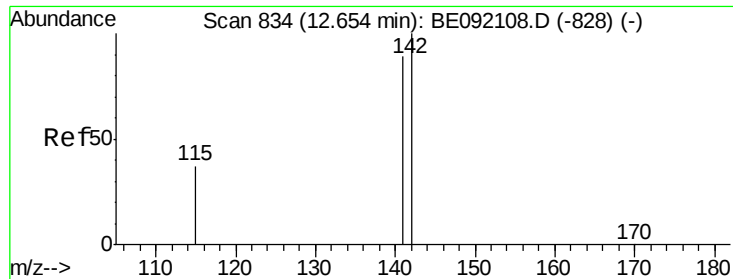


Abundance Ion 128.00 (127.70 to 128.70): BE092107.D (-692) (-)

Ion 129.00 (128.70 to 129.70): BE092107.D (-692) (-)

Ion 127.00 (126.70 to 127.70): BE092107.D (-692) (-)





#9

2-Methylnaphthalene

Concen: 0.19 ng

RT: 12.65 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

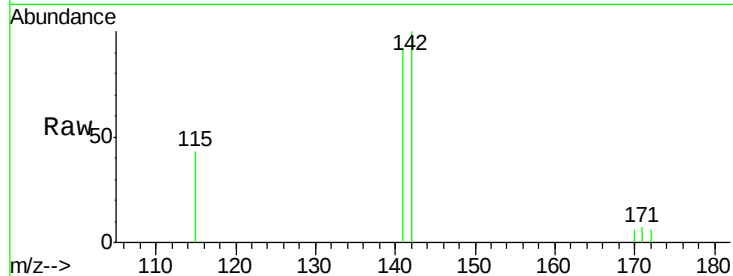
Tot Ion:142 Resp: 1456

Ion Ratio Lower Upper

142 100

141 91.7 65.1 97.7

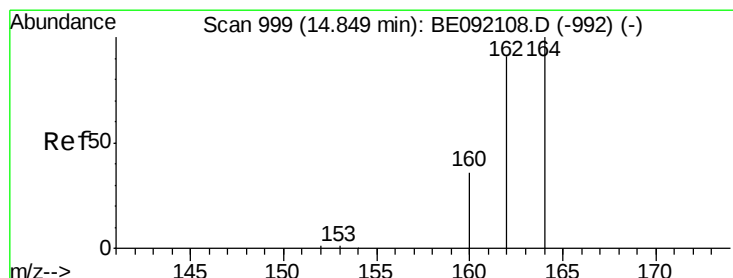
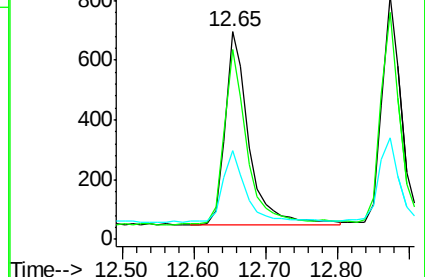
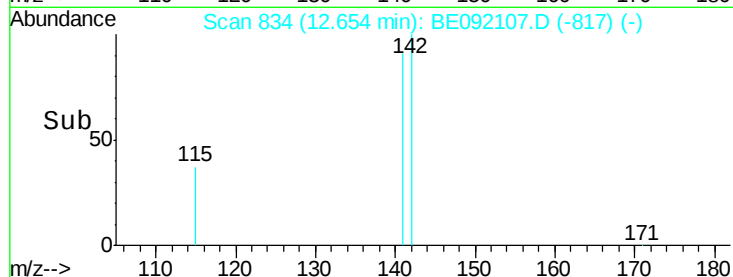
115 42.7 27.0 40.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.85 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

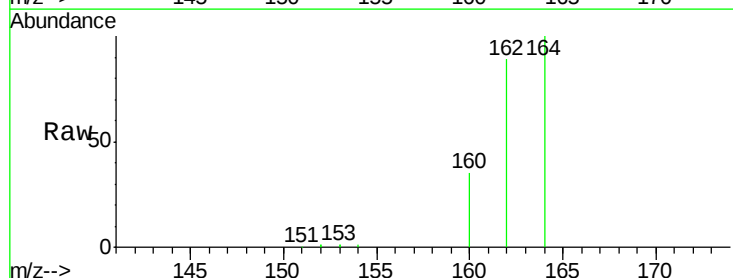
Tgt Ion:164 Resp: 28810

Ion Ratio Lower Upper

164 100

162 88.7 69.5 104.3

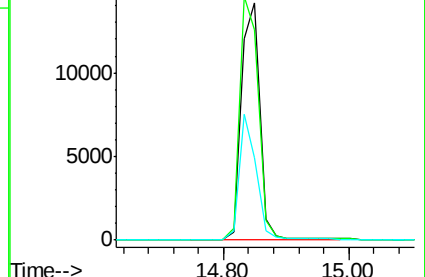
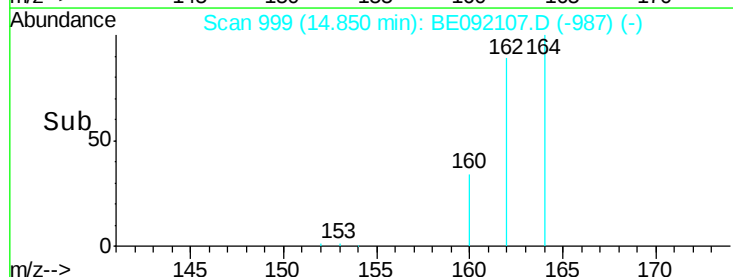
160 34.6 27.6 41.4

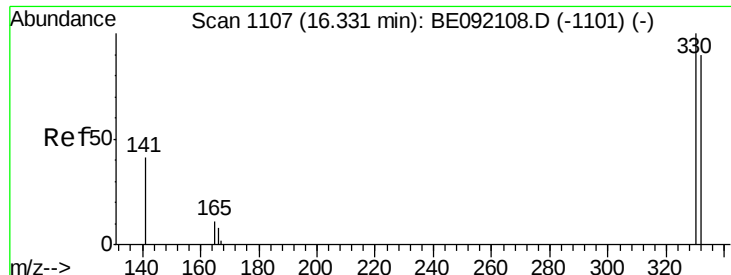


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

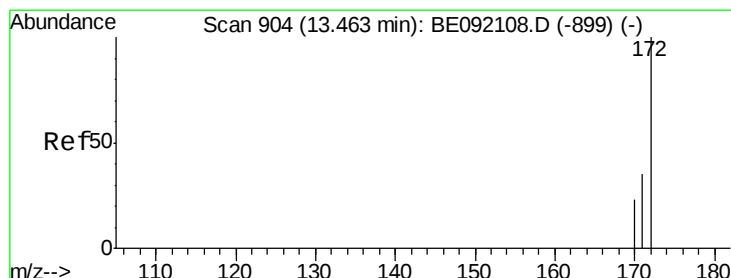
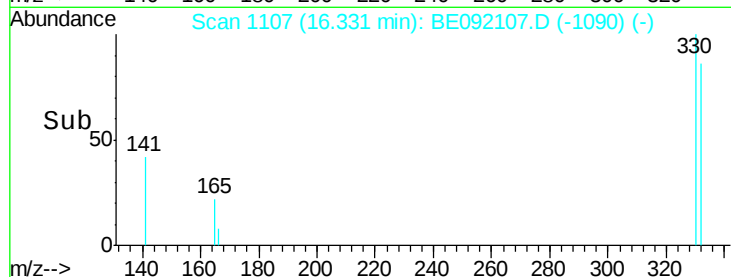
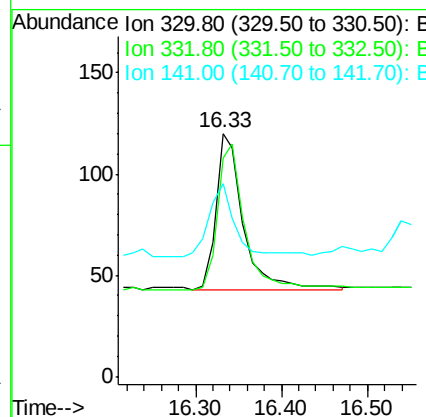
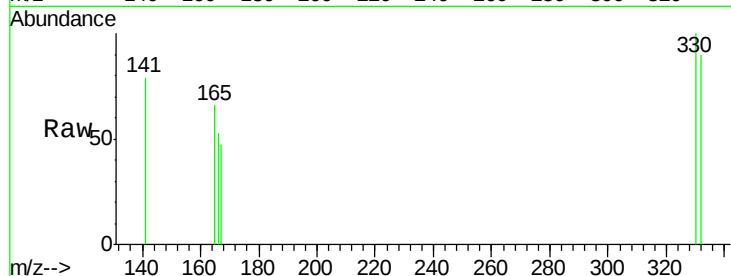




#11
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092107.D
 Acq: 2 Aug 2016 12:09

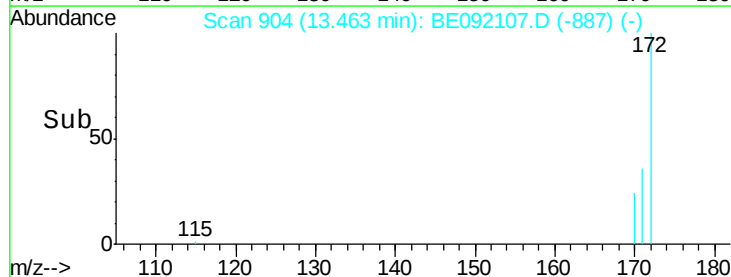
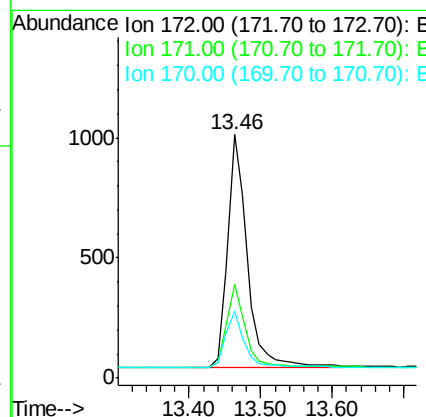
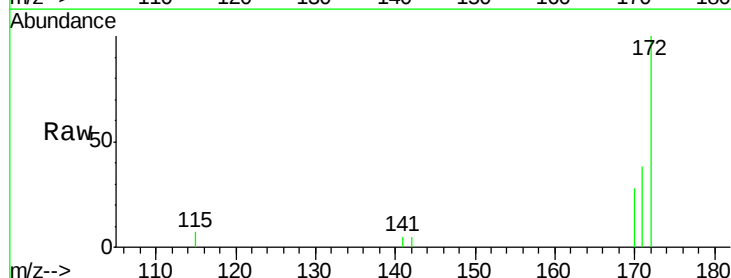
Instrument :
 BNA_E
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 SSTDICC0.2

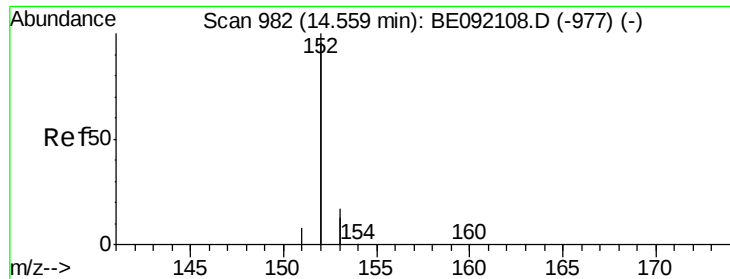
Tot Ion:330 Resp: 172
 Ion Ratio Lower Upper
 330 100
 332 91.9 74.2 111.4
 141 43.0 139.8 209.8#



#12
 2-Fluorobiphenyl
 Concen: 0.16 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092107.D
 Acq: 2 Aug 2016 12:09

Tgt Ion:172 Resp: 1839
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.3 45.5
 170 27.6 21.6 32.4





#13

Acenaphthylene

Concen: 0.15 ng

RT: 14.56 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

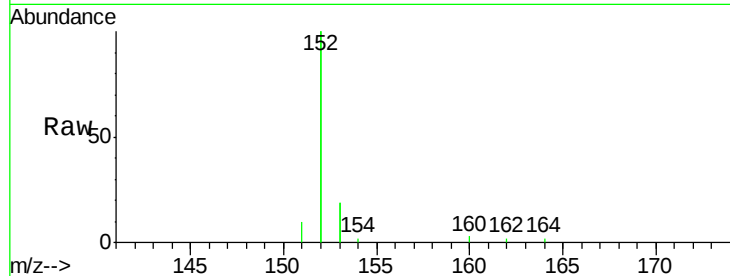
Tot Ion:152 Resp: 9618

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

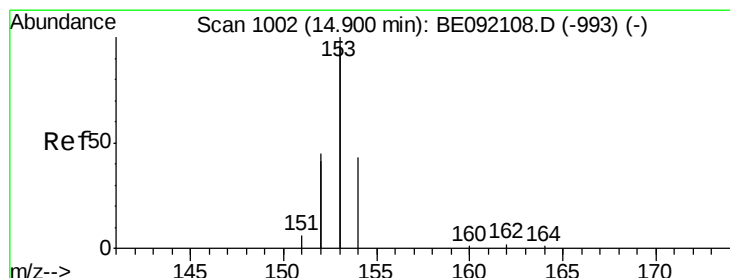
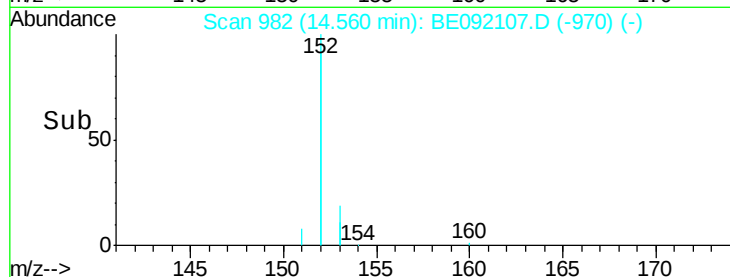
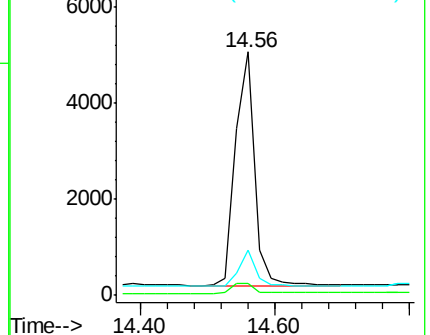
153 13.1 9.6 14.4



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



#14

Acenaphthene

Concen: 0.19 ng

RT: 14.90 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

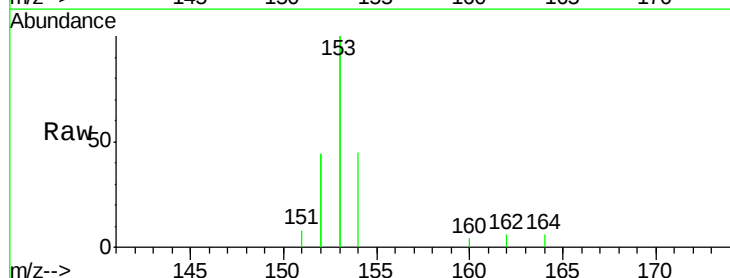
Tgt Ion:154 Resp: 1712

Ion Ratio Lower Upper

154 100

153 418.9 345.1 517.7

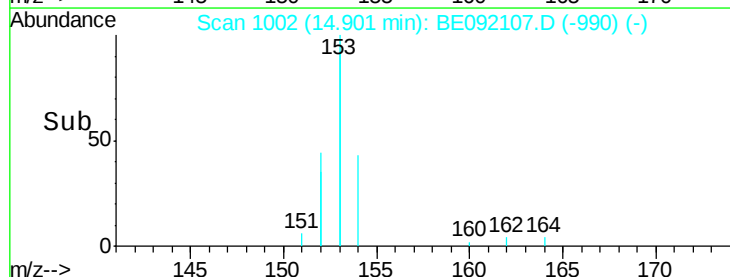
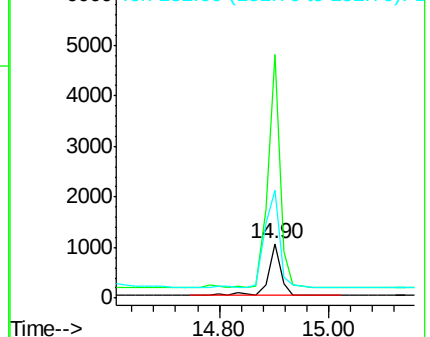
152 209.2 0.0 0.0#

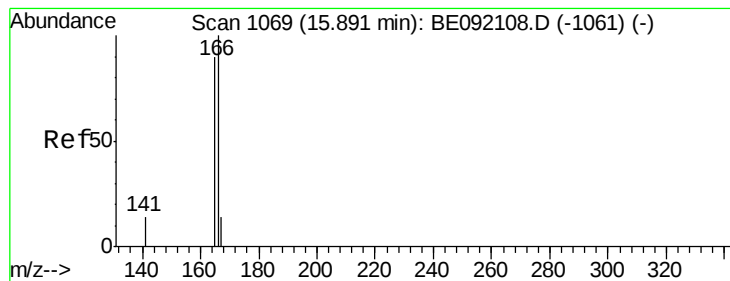


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.15 ng

RT: 15.89 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

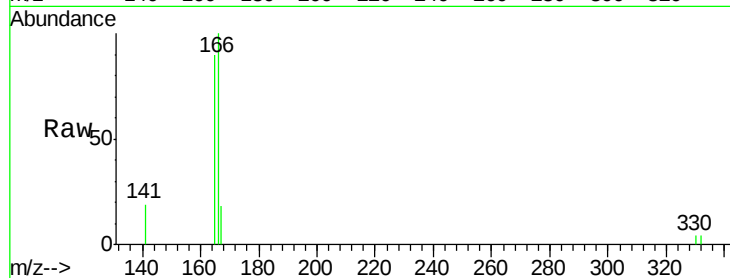
Tot Ion:166 Resp: 2011

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

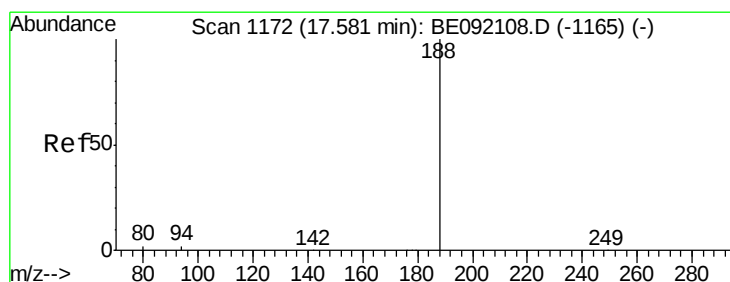
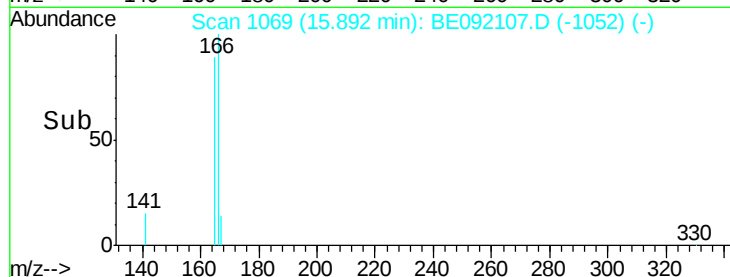
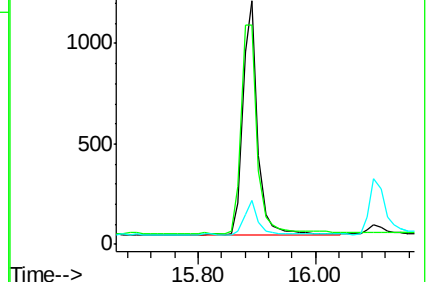
167 13.6 11.1 16.7



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

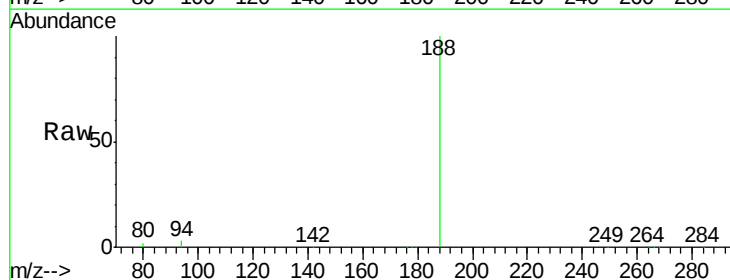
Tgt Ion:188 Resp: 64963

Ion Ratio Lower Upper

188 100

94 2.9 3.9 5.9#

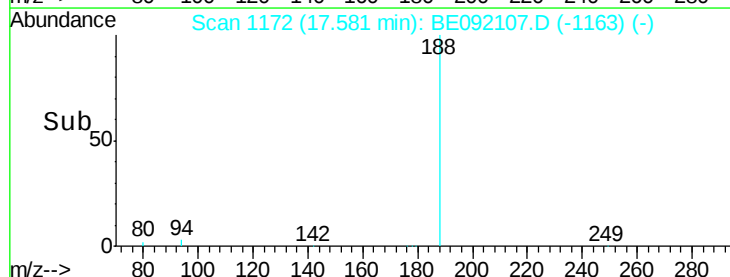
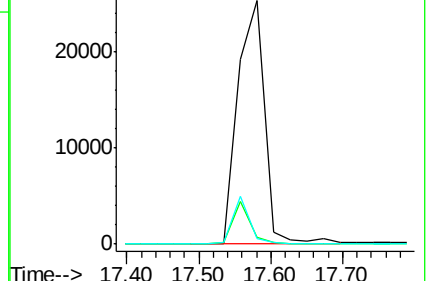
80 2.3 3.4 5.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

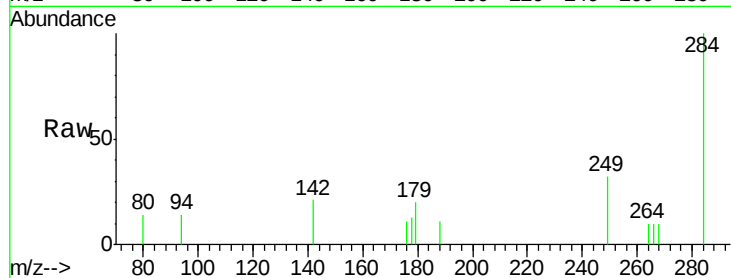




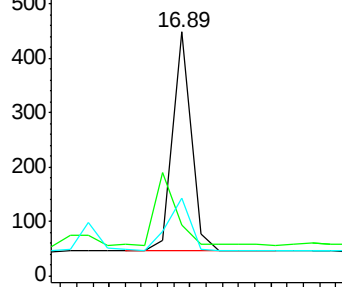
#17
Hexachlorobenzene
Concen: 0.29 ng
RT: 16.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BE092107.D
Acq: 2 Aug 2016 12:09

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

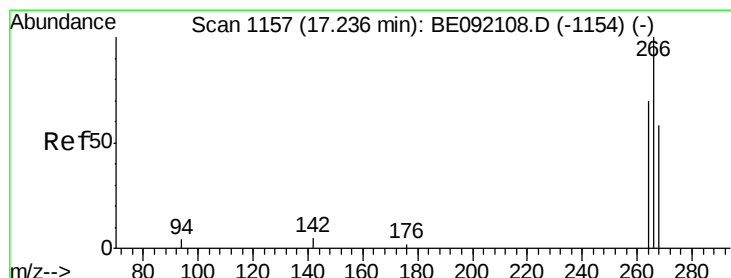
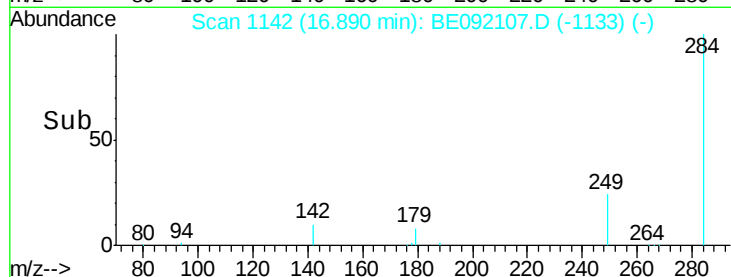
Tot Ion:284 Resp: 633
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 29.2 25.4 38.0



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

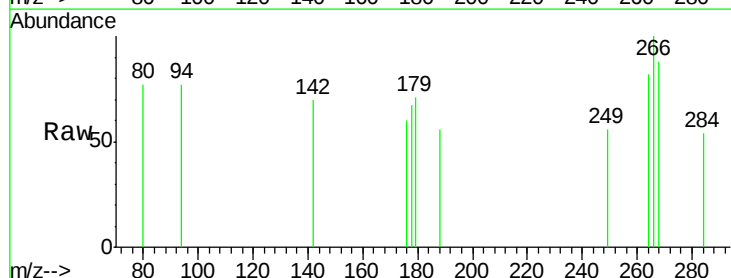


Time-->

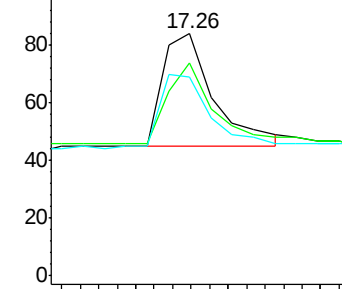


#18
Pentachlorophenol
Concen: 0.38 ng
RT: 17.26 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BE092107.D
Acq: 2 Aug 2016 12:09

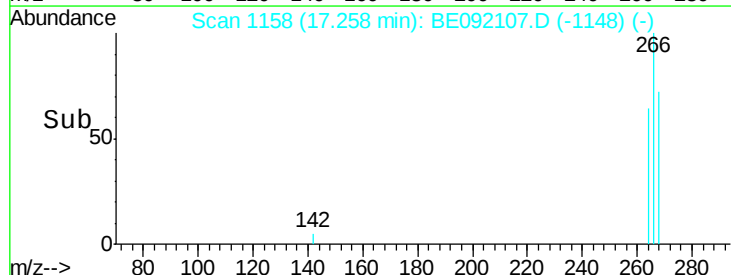
Tgt Ion:266 Resp: 151
Ion Ratio Lower Upper
266 100
268 88.1 62.7 94.1
264 82.1 63.5 95.3

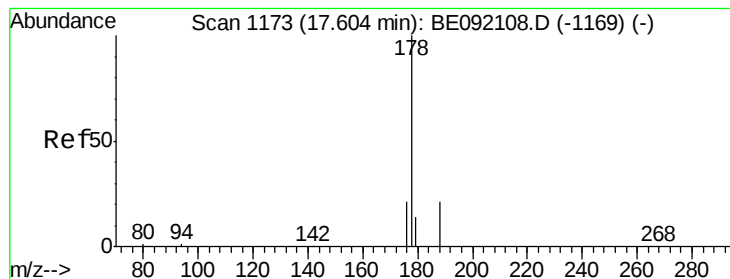


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#19

Phenanthrene

Concen: 0.22 ng

RT: 17.60 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

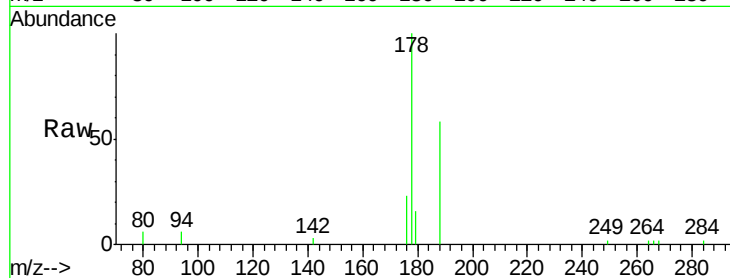
Tot Ion:178 Resp: 3780

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

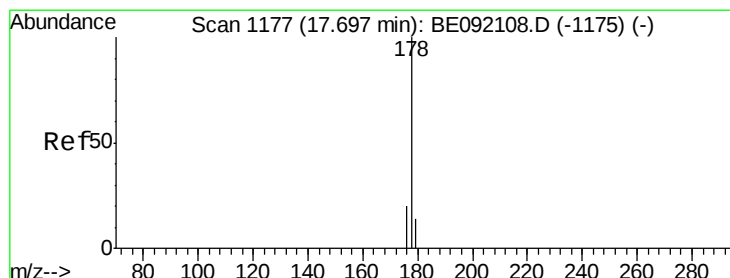
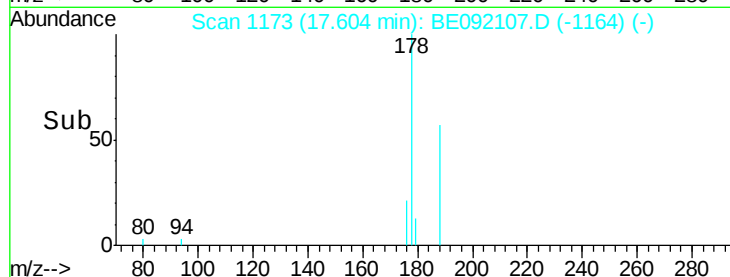
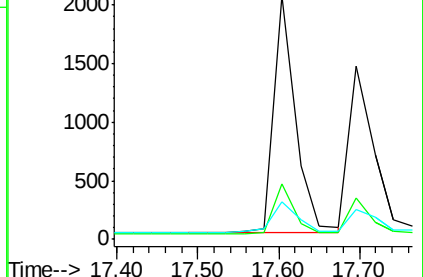
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#20

Anthracene

Concen: 0.23 ng

RT: 17.70 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

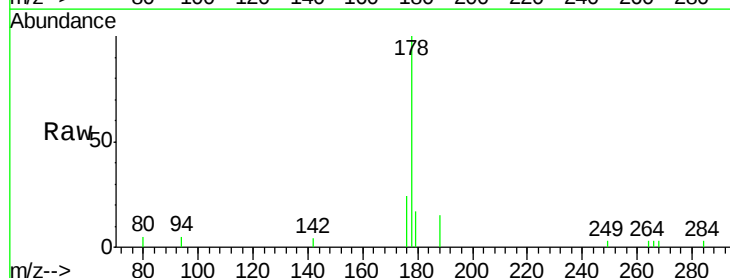
Tgt Ion:178 Resp: 3037

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

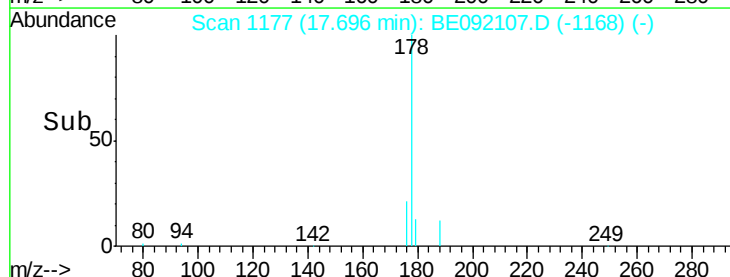
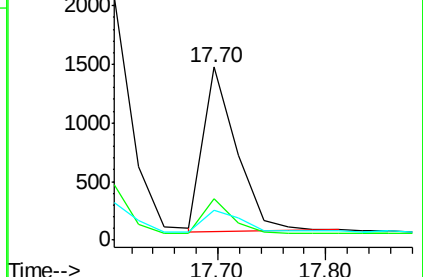
179 15.1 12.2 18.4



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





#21

Fluoranthene

Concen: 0.30 ng

RT: 19.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

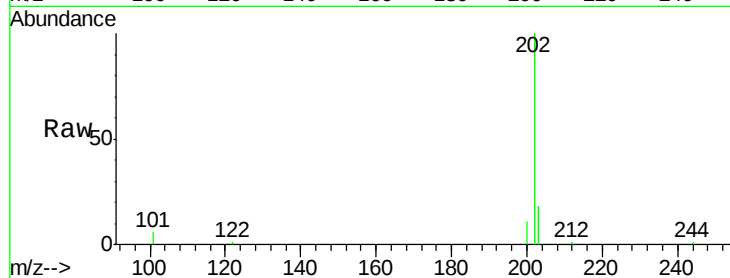
Tot Ion:202 Resp: 15366

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.2

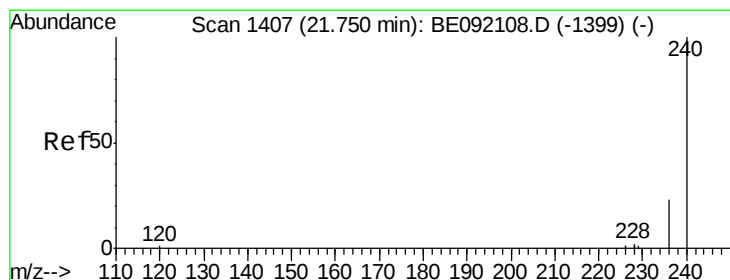
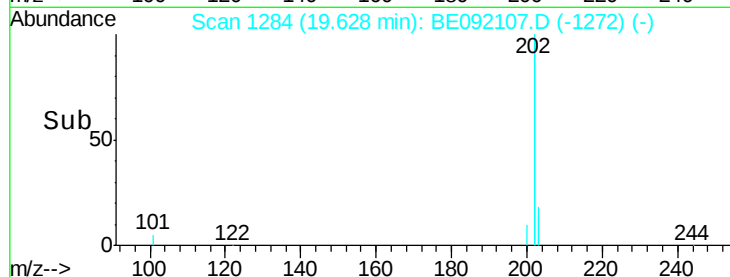
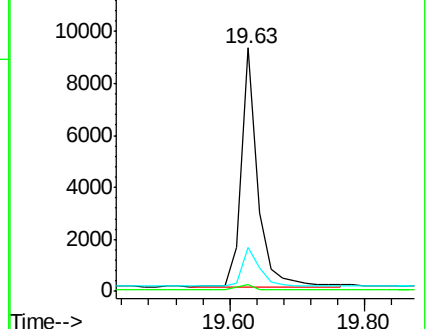
203 17.6 13.0 19.4



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

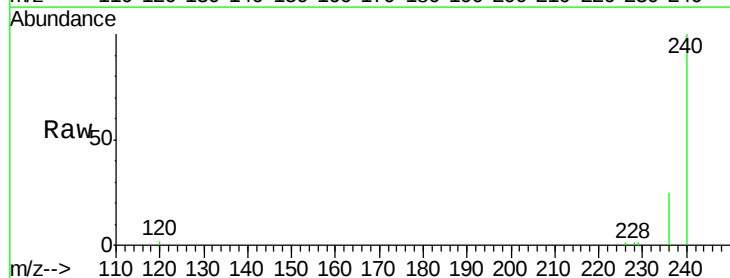
Tgt Ion:240 Resp: 79923

Ion Ratio Lower Upper

240 100

120 2.1 0.6 1.0#

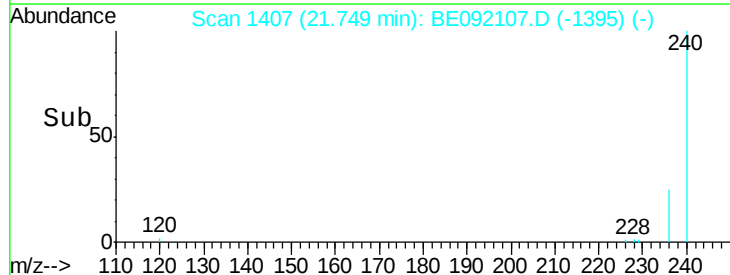
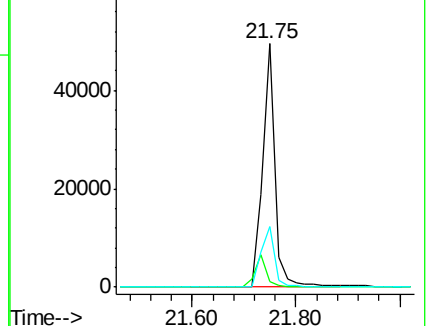
236 24.7 18.2 27.4

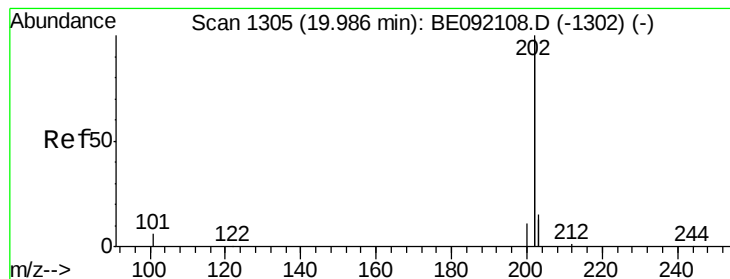


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pvrene

Concen: 0.19 ng

RT: 19.99 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

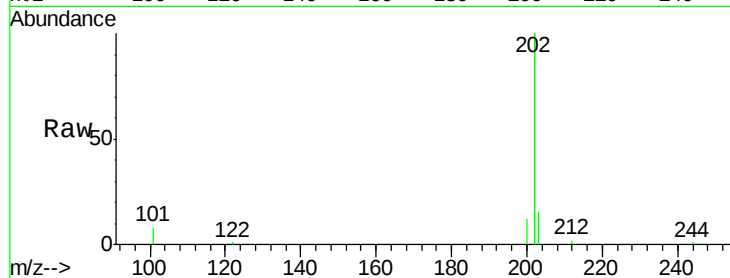
Tot Ion:202 Resp: 16849

Ion Ratio Lower Upper

202 100

200 5.3 4.4 6.6

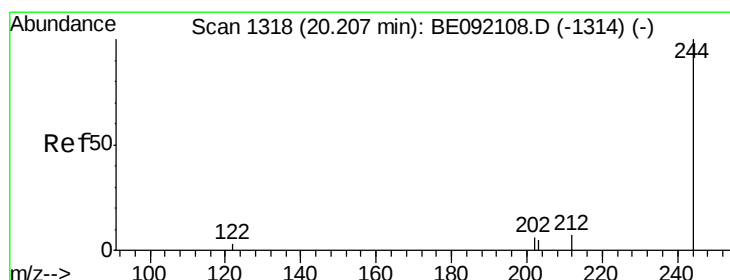
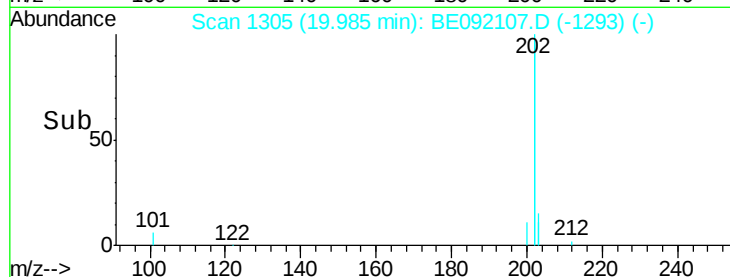
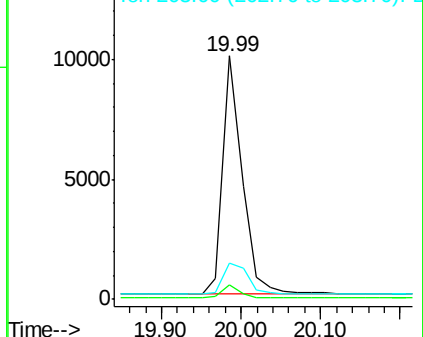
203 17.2 13.4 20.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 0.19 ng

RT: 20.21 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

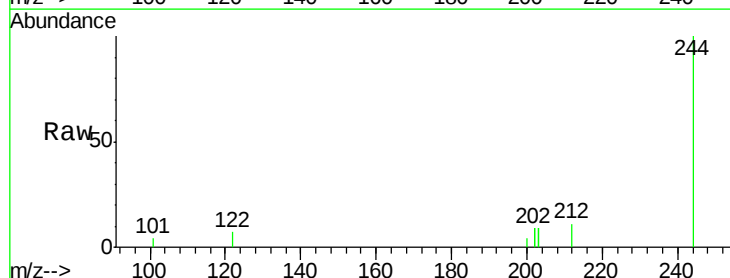
Tgt Ion:244 Resp: 2342

Ion Ratio Lower Upper

244 100

212 10.6 9.1 13.7

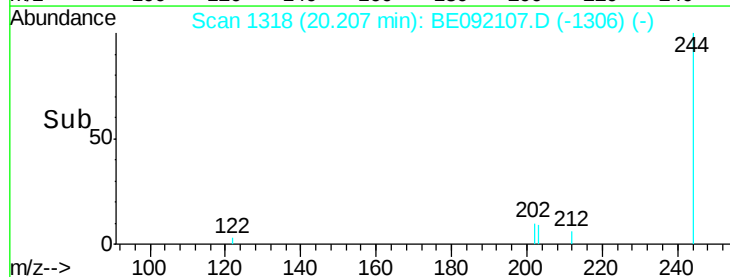
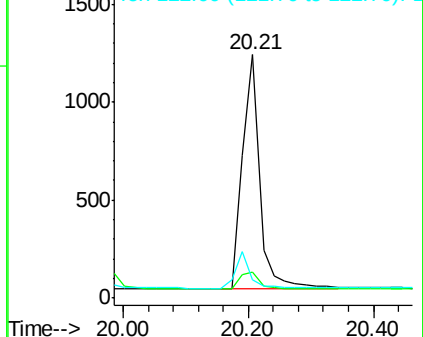
122 7.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Benzo(a)anthracene

Concen: 0.81 ng

RT: 21.72 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

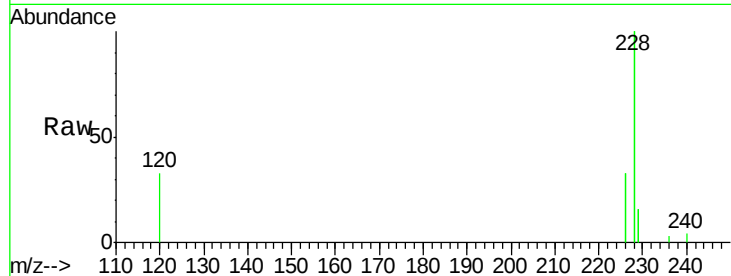
Tot Ion:228 Resp: 17499

Ion Ratio Lower Upper

228 100

226 33.4 22.1 33.1#

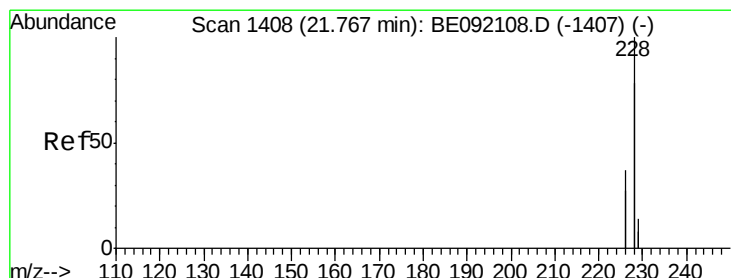
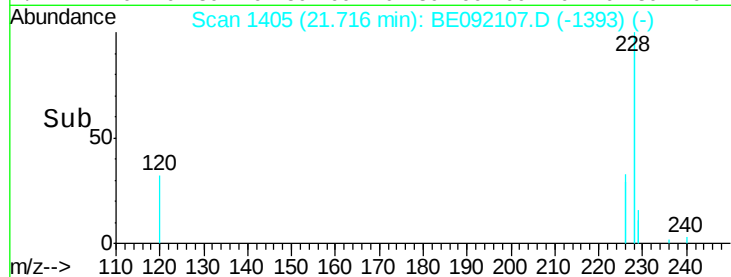
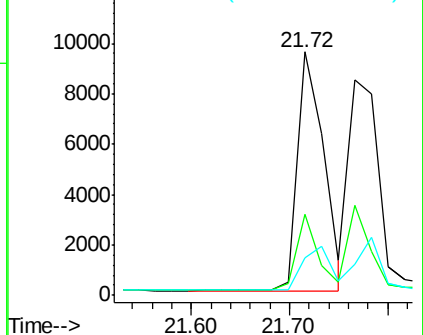
229 15.7 15.1 22.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#26

Chrysene

Concen: 0.94 ng

RT: 21.77 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

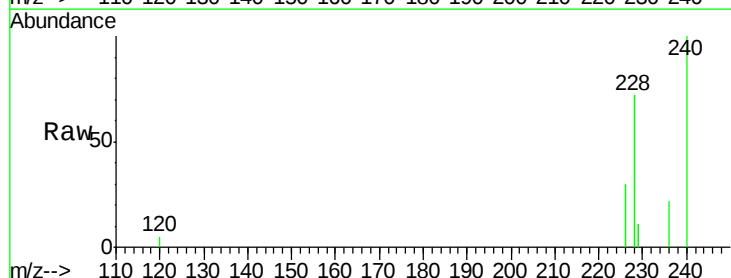
Tgt Ion:228 Resp: 17905

Ion Ratio Lower Upper

228 100

226 41.9 22.3 33.5#

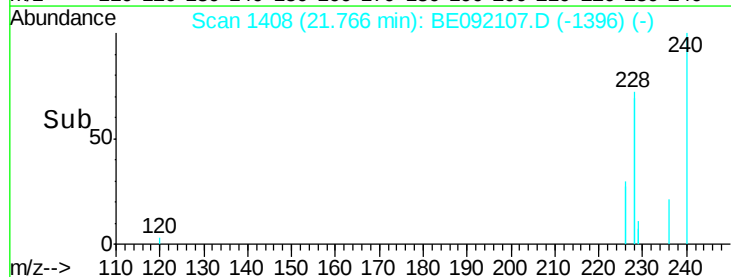
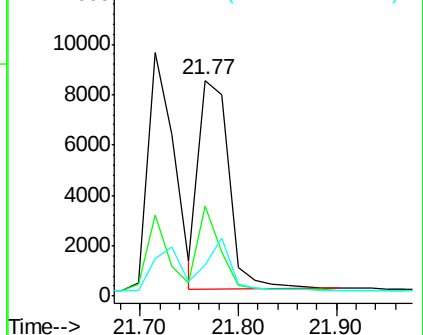
229 14.7 16.9 25.3#



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

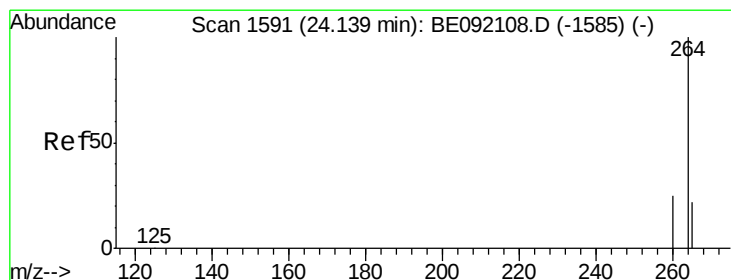
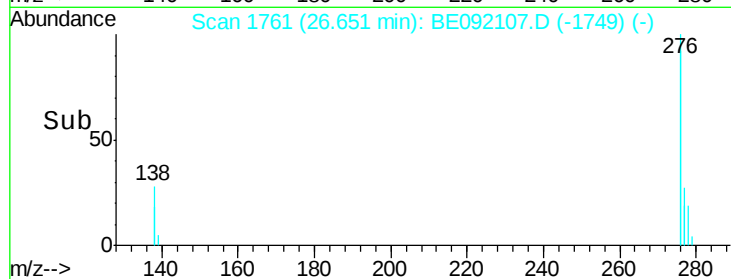
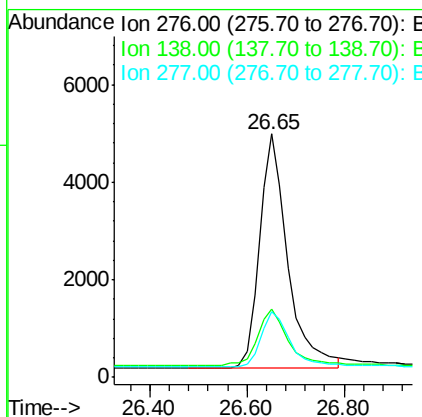
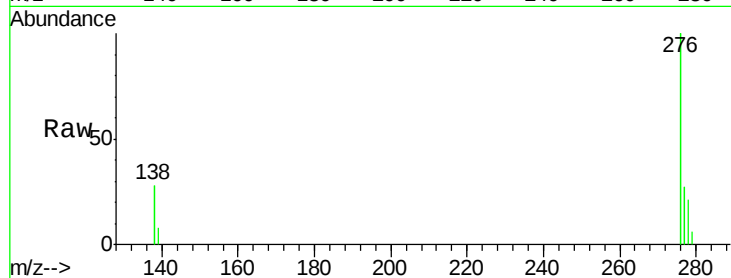




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng
RT: 26.65 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BE092107.D
Acq: 2 Aug 2016 12:09

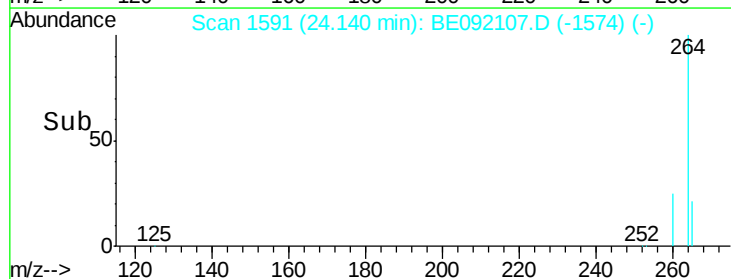
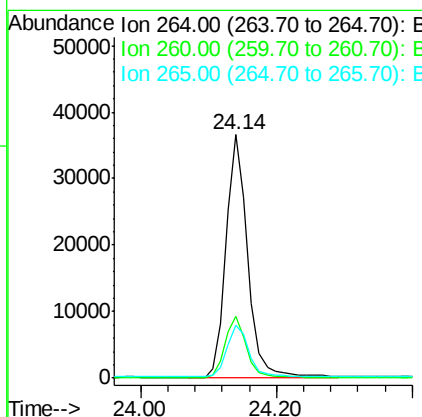
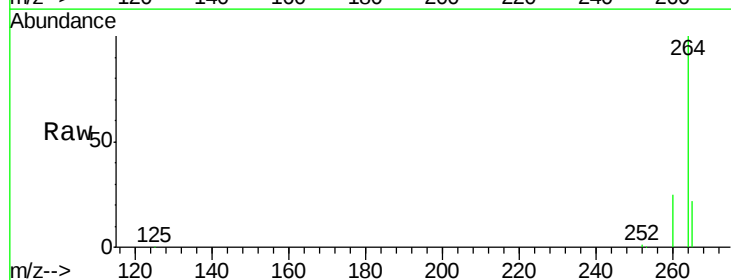
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

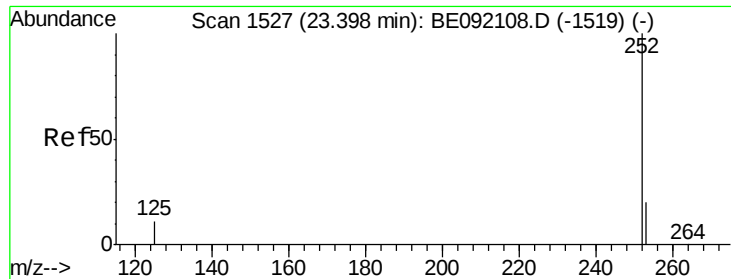
Tot Ion:276 Resp: 19398
Ion Ratio Lower Upper
276 100
138 26.5 21.2 31.8
277 24.7 19.8 29.8



#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092107.D
Acq: 2 Aug 2016 12:09

Tgt Ion:264 Resp: 82648
Ion Ratio Lower Upper
264 100
260 25.5 20.8 31.2
265 21.7 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 0.21 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

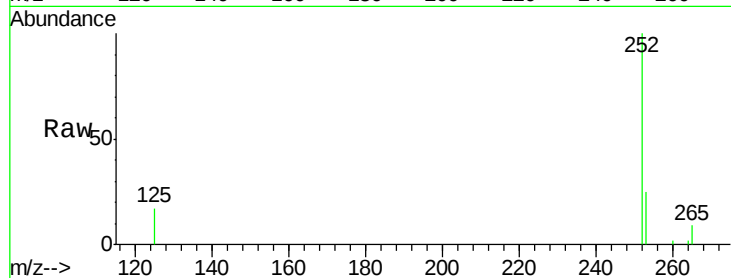
Tot Ion:252 Resp: 4848

Ion Ratio Lower Upper

252 100

253 25.0 17.4 26.0

125 17.1 10.2 15.2#

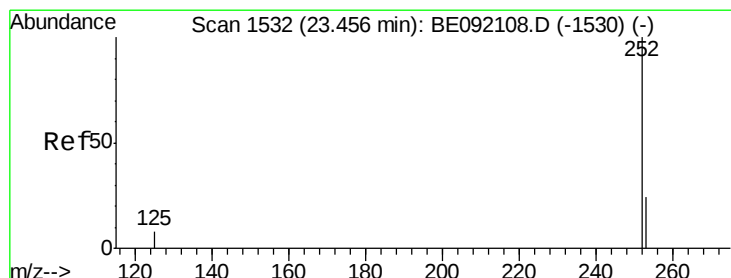
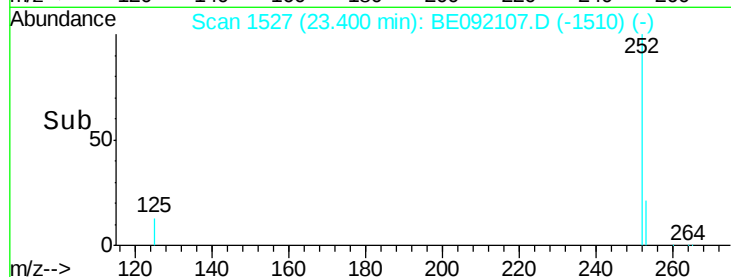
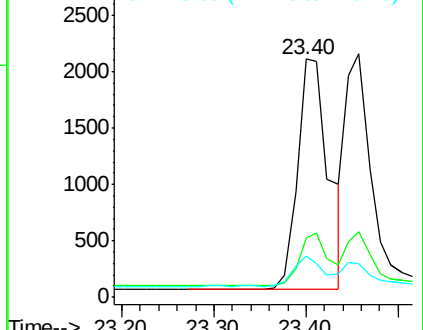


Abundance

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



#30

Benzo(k)fluoranthene

Concen: 0.18 ng

RT: 23.46 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

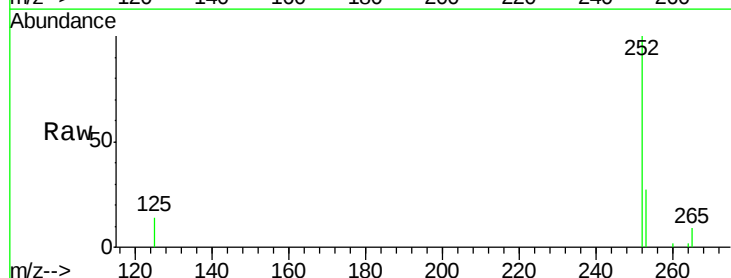
Tgt Ion:252 Resp: 4148

Ion Ratio Lower Upper

252 100

253 26.9 19.4 29.0

125 13.9 8.9 13.3#

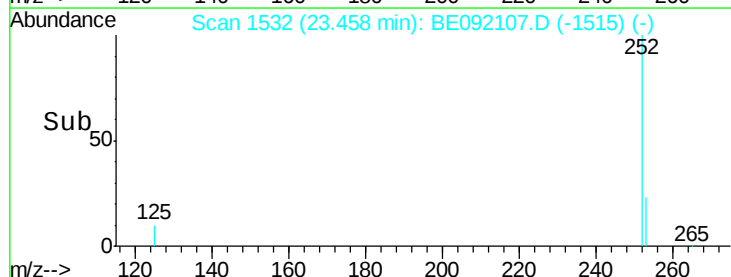
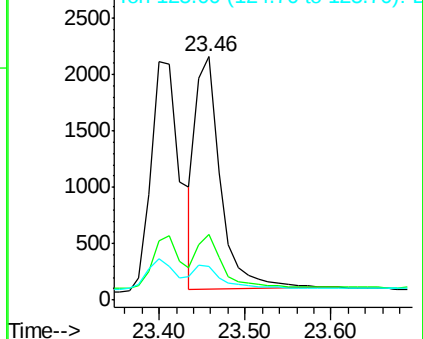


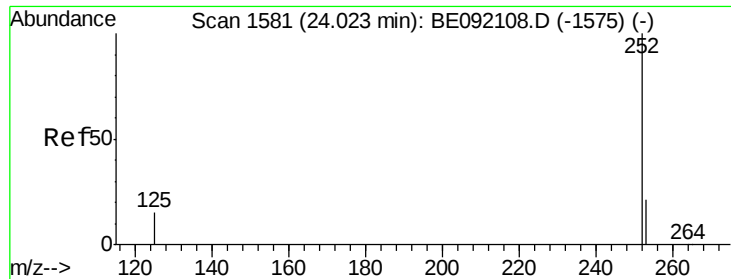
Abundance

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





#31

Benzo(a)pyrene

Concen: 0.19 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

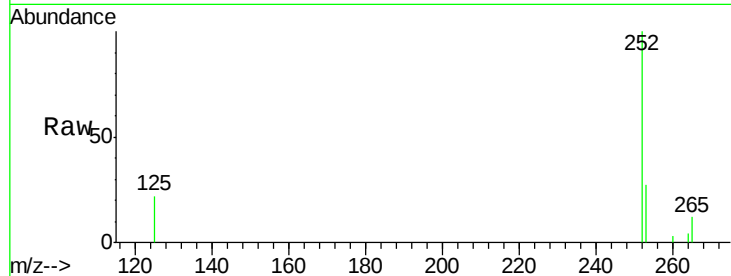
Tot Ion:252 Resp: 4123

Ion Ratio Lower Upper

252 100

253 26.5 19.8 29.8

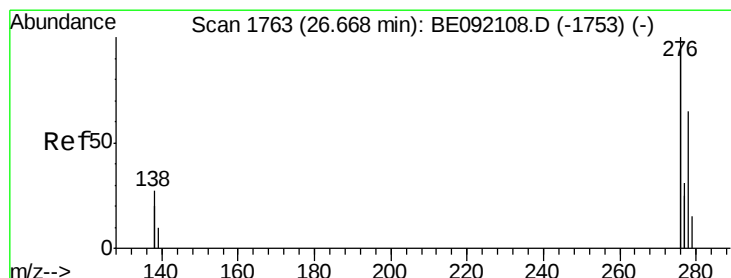
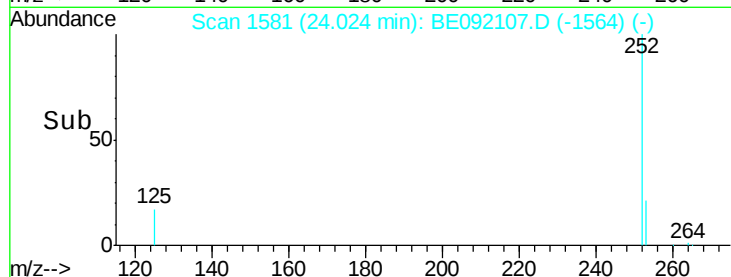
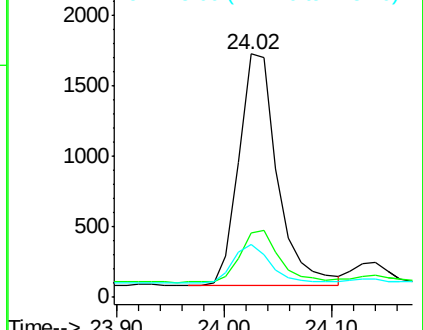
125 21.7 10.4 15.6#



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



#32

Dibenzo(a,h)anthracene

Concen: 0.19 ng

RT: 26.68 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

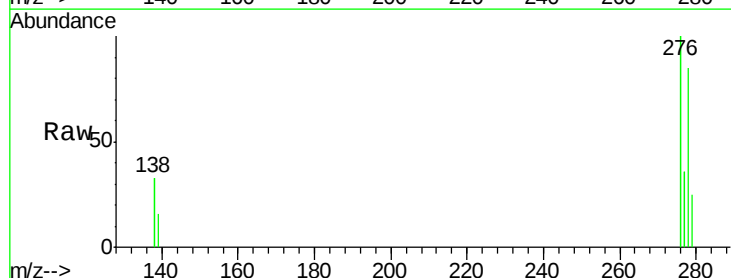
Tgt Ion:278 Resp: 3849

Ion Ratio Lower Upper

278 100

139 19.0 16.7 25.1

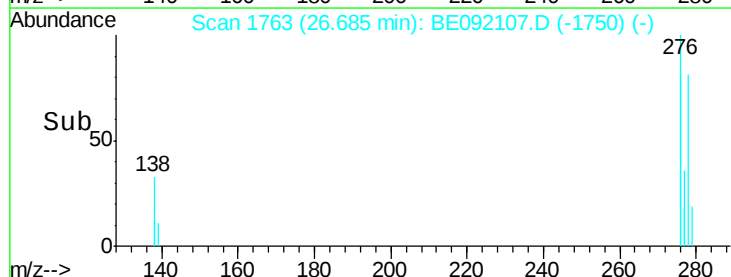
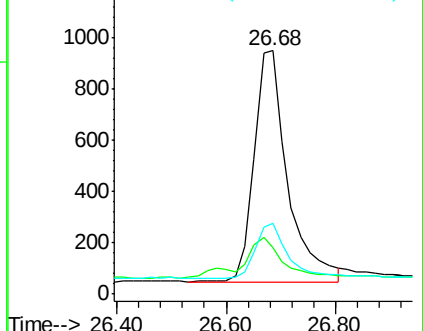
279 29.2 20.3 30.5

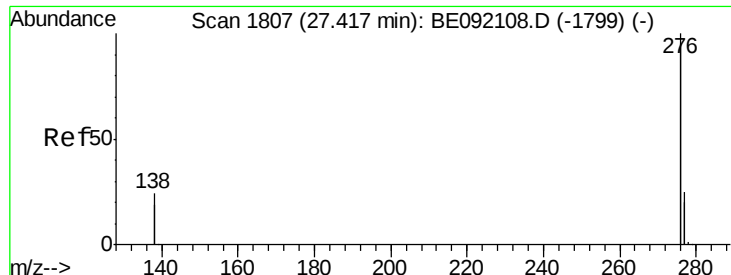


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(a,h,i)perylene

Concen: 0.20 ng

RT: 27.42 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE092107.D

Acq: 2 Aug 2016 12:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

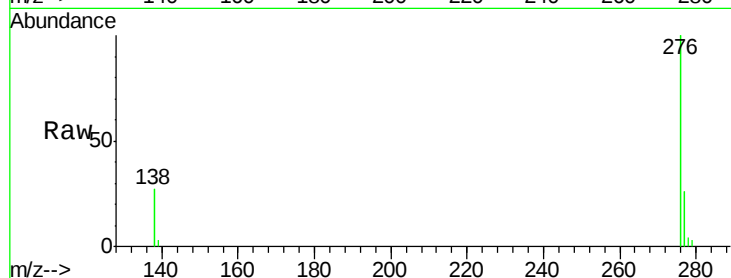
Tot Ion: 276 Resp: 16930

Ion Ratio Lower Upper

276 100

277 26.4 19.5 29.3

138 27.3 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

