

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092927.D
 Acq On : 5 May 2017 12:55
 Operator : SJ/MA
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: May 05 13:49:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 11:39:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3036	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1514	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3635	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4025	0.40	ng	0.00
33) Perylene-d12	23.70	264	2708	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	5363	3.49	ng	0.00
5) Phenol-d6	6.94	99	7663	3.58	ng	0.00
8) Nitrobenzene-d5	8.90	82	7167	3.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	14628	3.27	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	920	3.68	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	20461	2.94	ng	0.00
24) Fluoranthene-d10	19.15	212	28067	3.22	ng	0.00
28) Terphenyl-d14	19.74	244	21100	3.02	ng	0.00

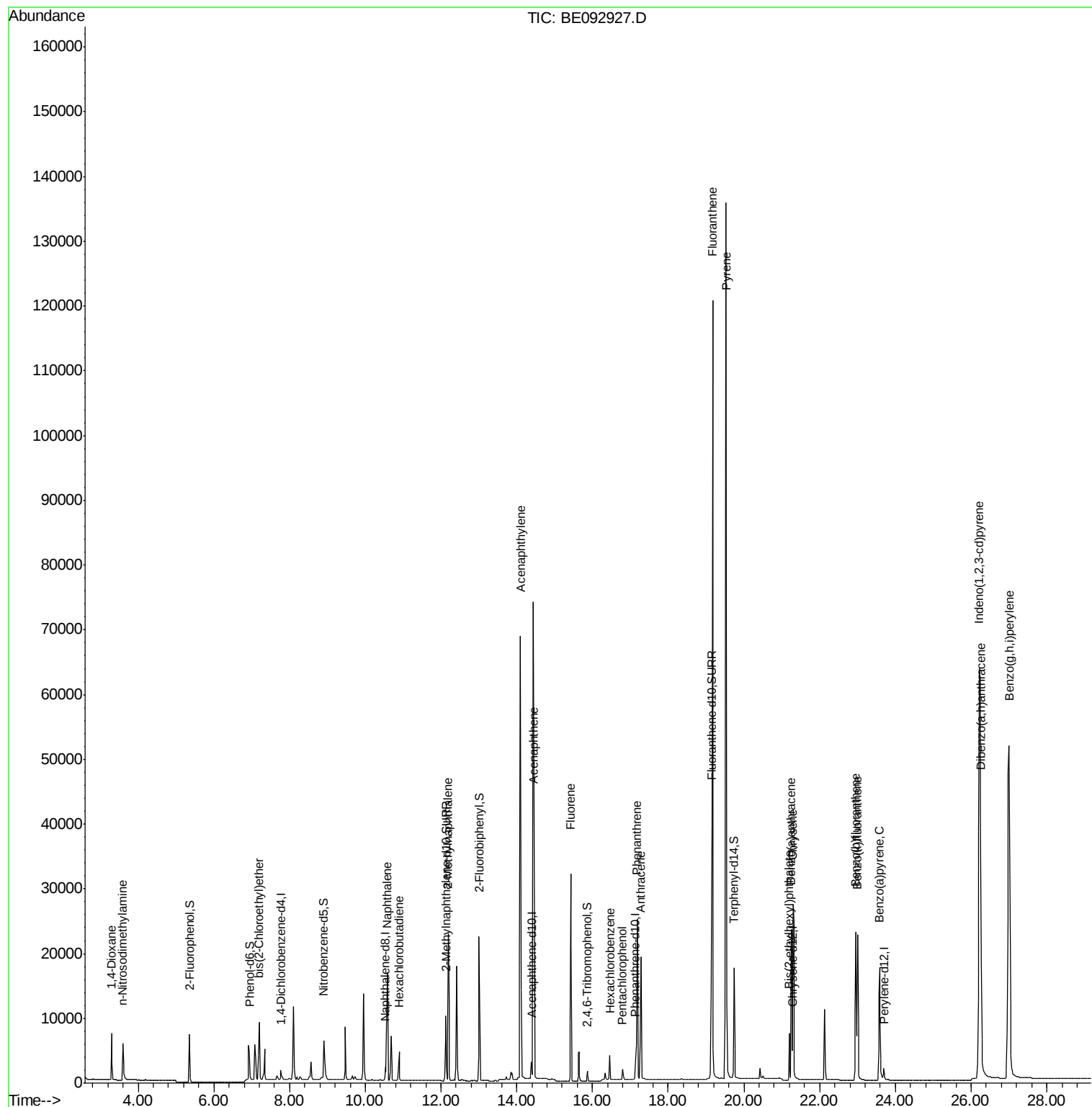
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	4301	3.17	ng	97
3) n-Nitrosodimethylamine	3.59	42	3743	3.64	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	8295	3.19	ng	98
9) Naphthalene	10.58	128	25619	3.17	ng	# 83
10) Hexachlorobutadiene	10.89	225	3520	3.13	ng	95
12) 2-Methylnaphthalene	12.19	142	16491	3.30	ng	# 94
16) Acenaphthylene	14.10	152	89100	3.66	ng	99
17) Acenaphthene	14.45	154	15224	3.18	ng	95
18) Fluorene	15.43	166	18786	3.22	ng	98
20) Hexachlorobenzene	16.47	284	4965	3.08	ng	# 100
21) Pentachlorophenol	16.79	266	1205	4.13	ng	# 70
22) Phenanthrene	17.18	178	31186	2.96	ng	99
23) Anthracene	17.27	178	26359	3.27	ng	99
25) Fluoranthene	19.17	202	153819	3.39	ng	# 99
27) Pyrene	19.53	202	163726	3.11	ng	# 100
29) Benzo(a)anthracene	21.25	228	32159	3.43	ng	# 85
30) Chrysene	21.30	228	36693	3.06	ng	# 88
31) Bis(2-ethylhexyl)phthalate	21.20	149	7928	3.27	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.22	276	133645	3.40	ng	100
34) Benzo(b)fluoranthene	22.95	252	31163	3.28	ng	# 79
35) Benzo(k)fluoranthene	22.99	252	33751	3.49	ng	# 75
36) Benzo(a)pyrene	23.58	252	26648	3.47	ng	# 69
37) Dibenzo(a,h)anthracene	26.25	278	30267	3.54	ng	# 71
38) Benzo(g,h,i)perylene	27.00	276	122132	3.29	ng	# 75

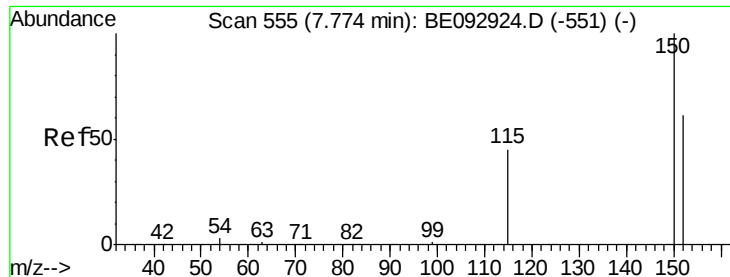
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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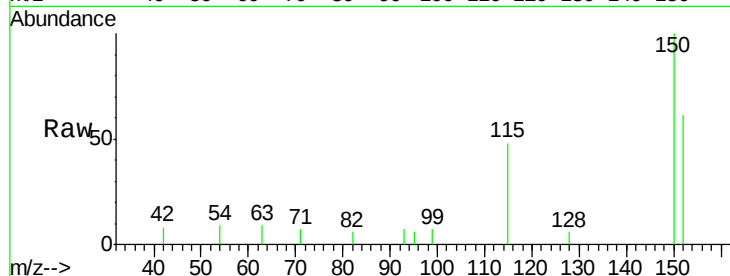


#1

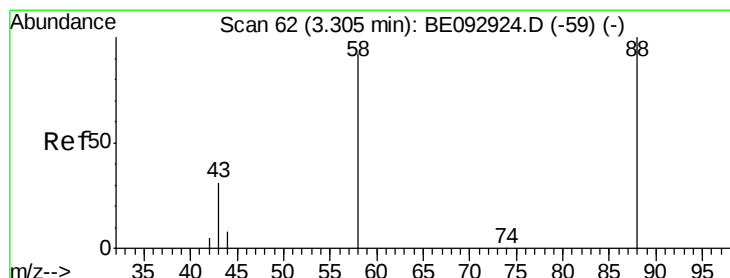
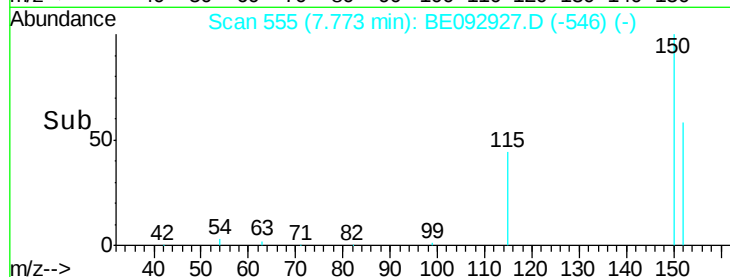
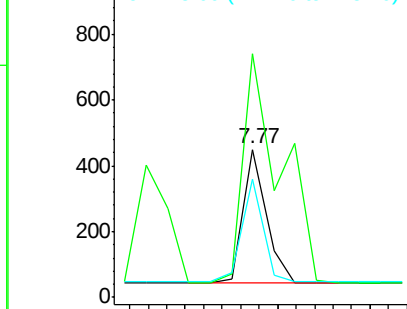
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 164.8 129.9 194.9
115 79.7 62.6 93.8



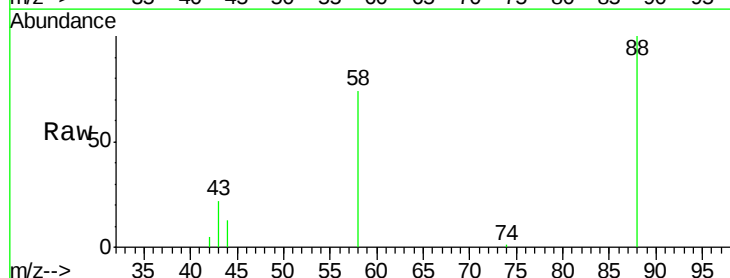
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



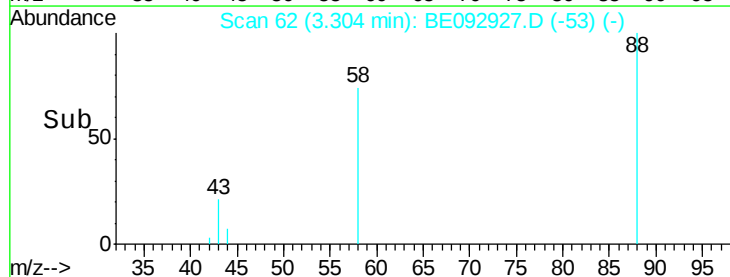
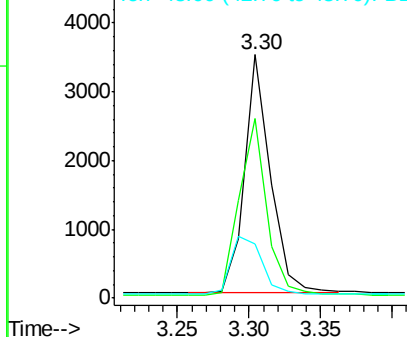
#2

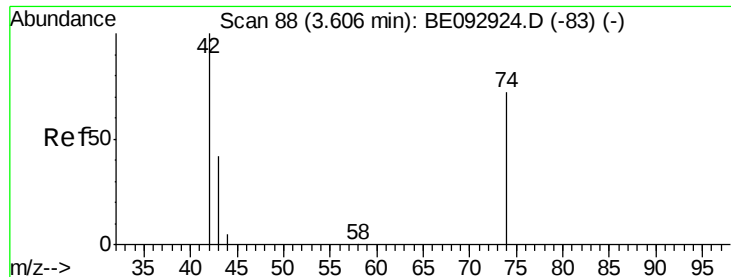
1,4-Dioxane
Concen: 3.17 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Tgt Ion: 88 Resp: 4301
Ion Ratio Lower Upper
88 100
58 79.1 64.9 97.3
43 29.7 26.6 40.0



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: 3.64 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

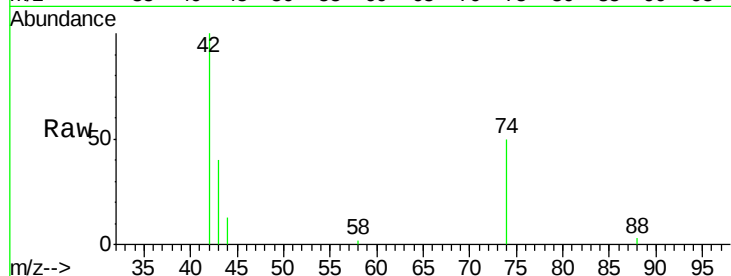
Tgt Ion: 42 Resp: 3743

Ion Ratio Lower Upper

42 100

74 123.2 106.6 160.0

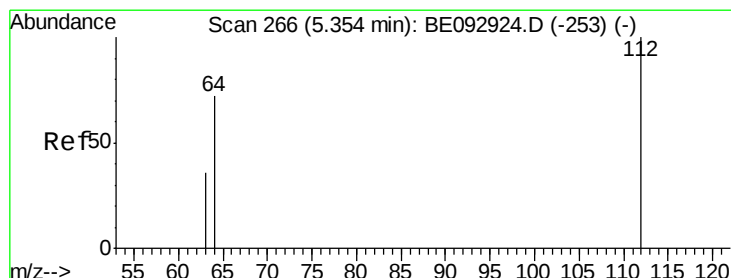
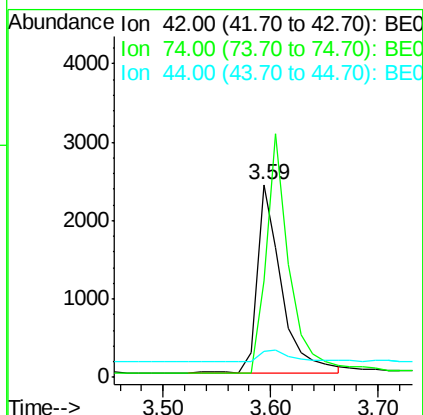
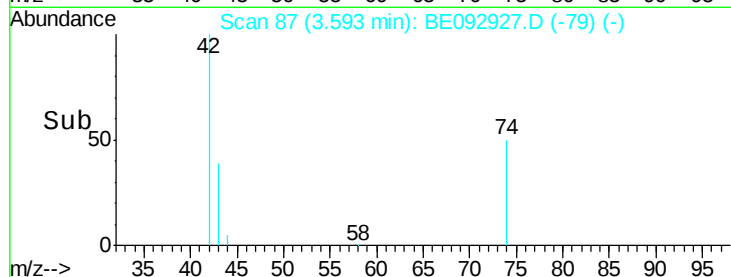
44 6.9 25.7 38.5#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 3.49 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

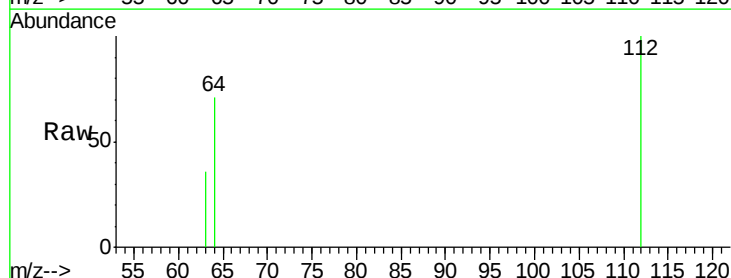
Tgt Ion: 112 Resp: 5363

Ion Ratio Lower Upper

112 100

64 69.9 52.6 79.0

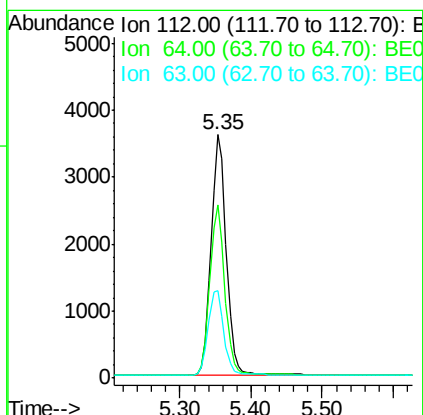
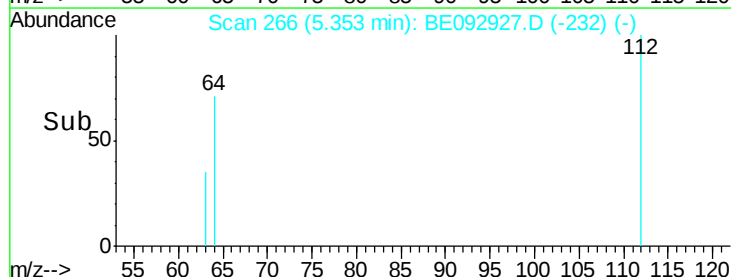
63 36.0 29.0 43.4

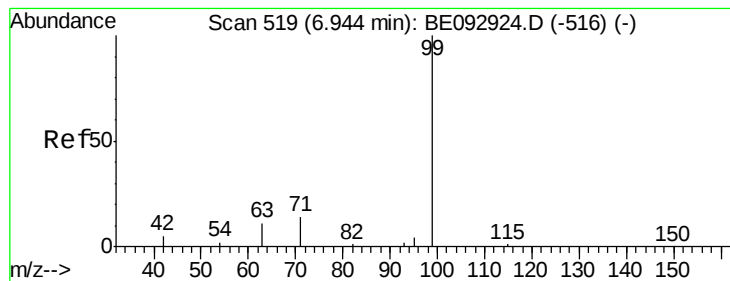


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.58 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

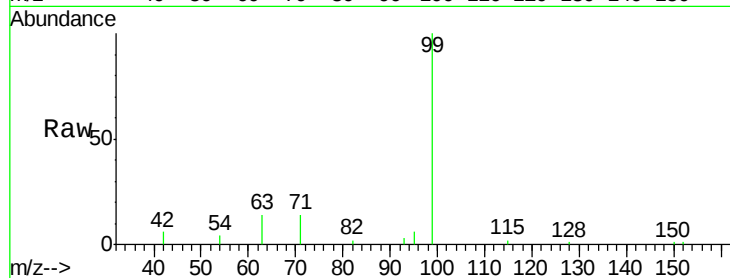
Tgt Ion: 99 Resp: 7663

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

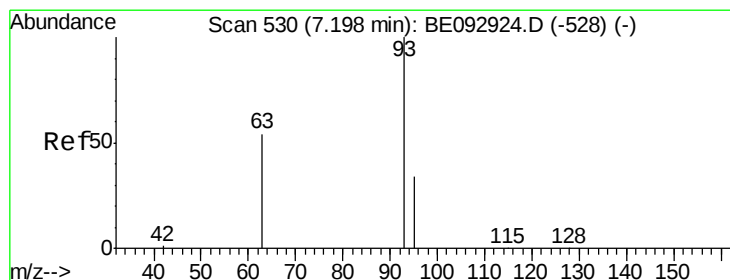
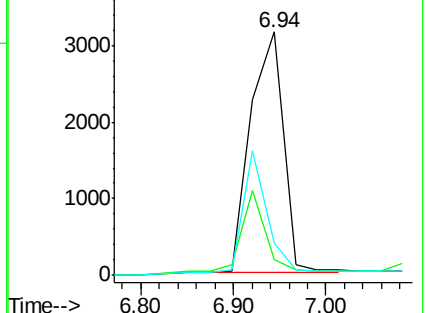
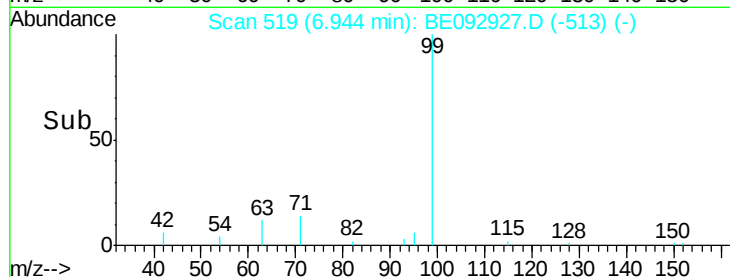
71 0.0 0.0 0.0



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: 3.19 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

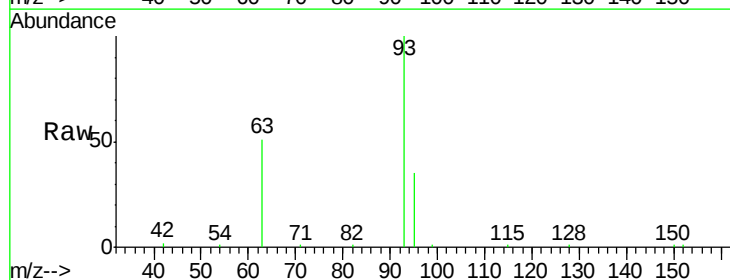
Tgt Ion: 93 Resp: 8295

Ion Ratio Lower Upper

93 100

63 78.5 61.2 91.8

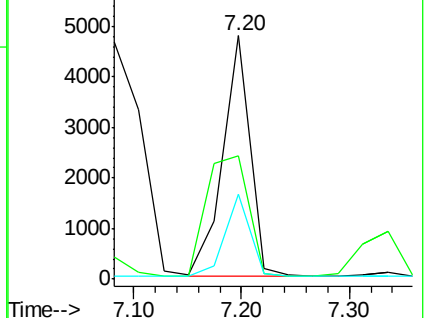
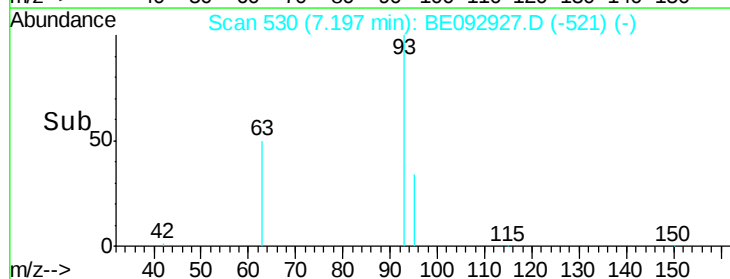
95 32.0 25.5 38.3

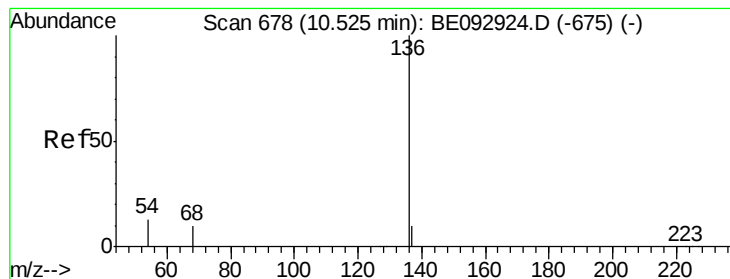


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 3036

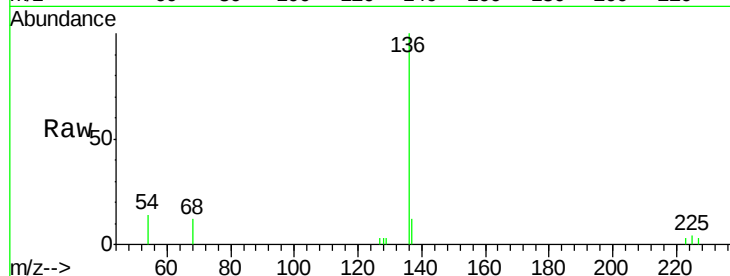
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 14.2 12.6 18.8

68 11.9 10.7 16.1

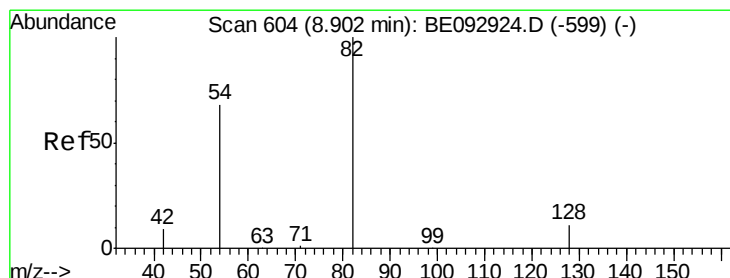
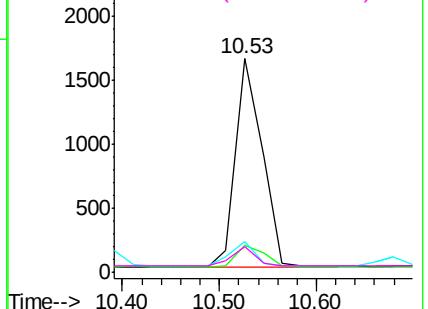
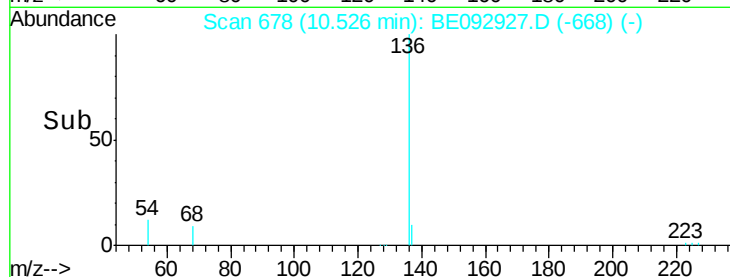


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.54 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

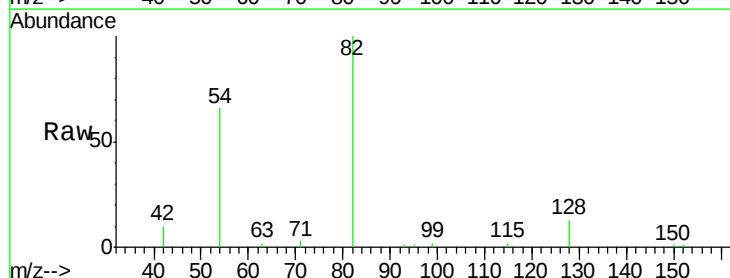
Tgt Ion: 82 Resp: 7167

Ion Ratio Lower Upper

82 100

128 13.1 35.3 52.9#

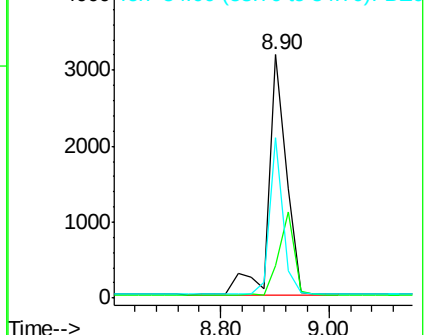
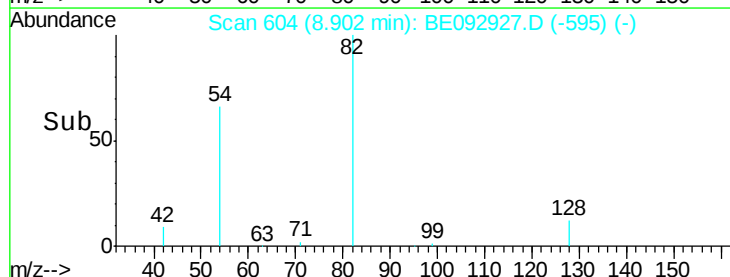
54 66.1 65.1 97.7

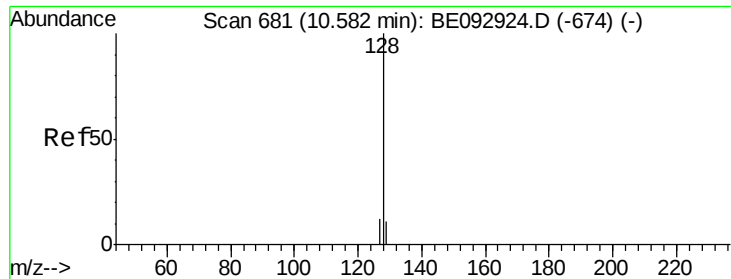


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.17 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

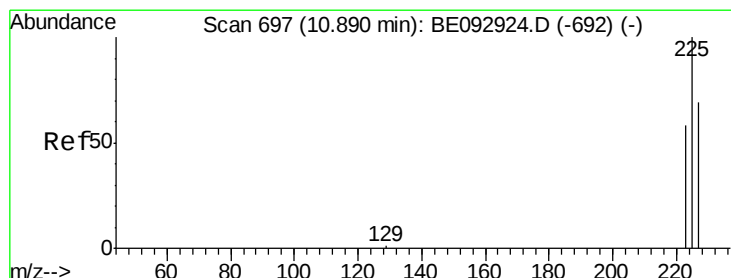
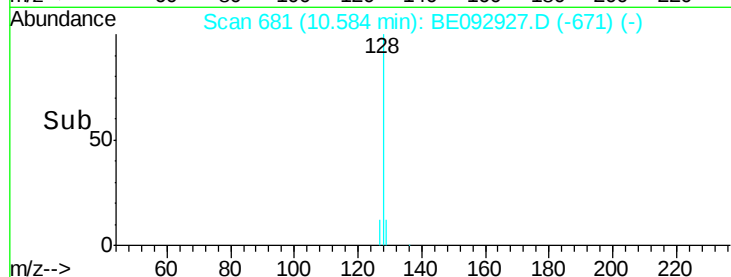
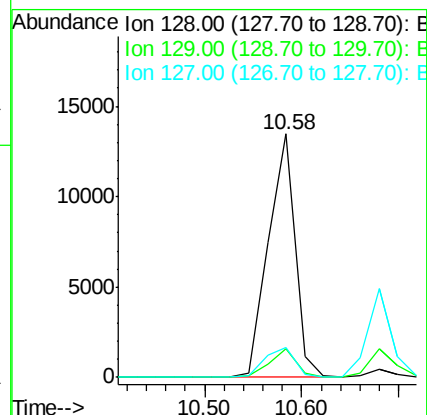
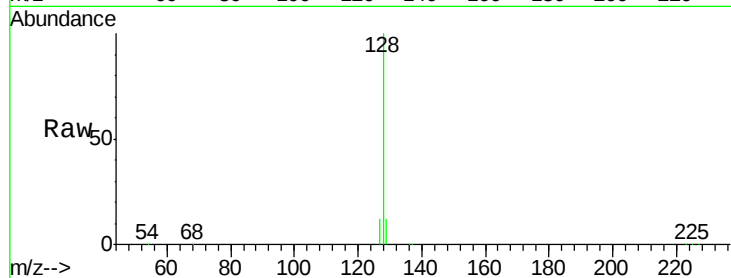
Tgt Ion:128 Resp: 25619

Ion Ratio Lower Upper

128 100

129 12.0 15.8 23.8#

127 12.0 16.0 24.0#



#10

Hexachlorobutadiene

Concen: 3.13 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

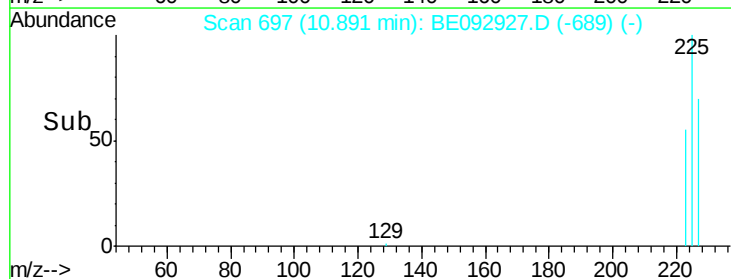
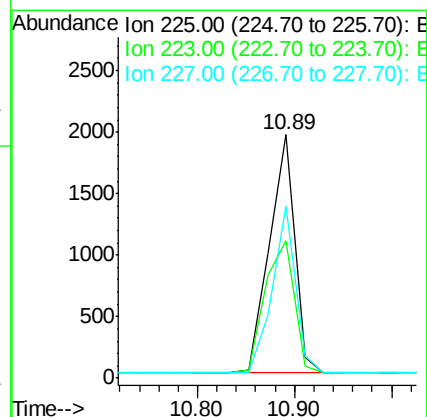
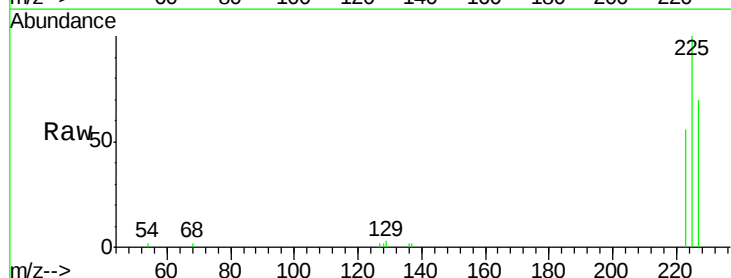
Tgt Ion:225 Resp: 3520

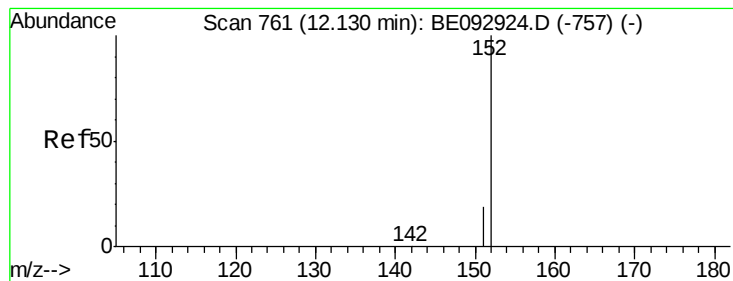
Ion Ratio Lower Upper

225 100

223 63.2 55.4 83.2

227 64.2 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 3.27 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

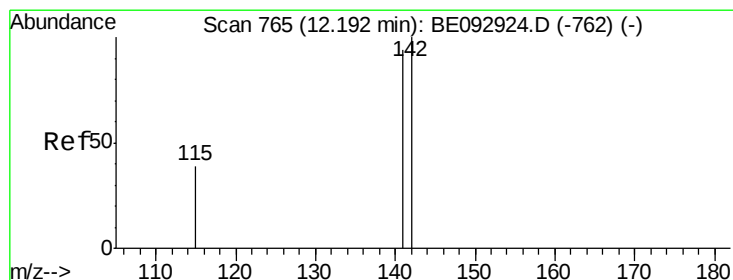
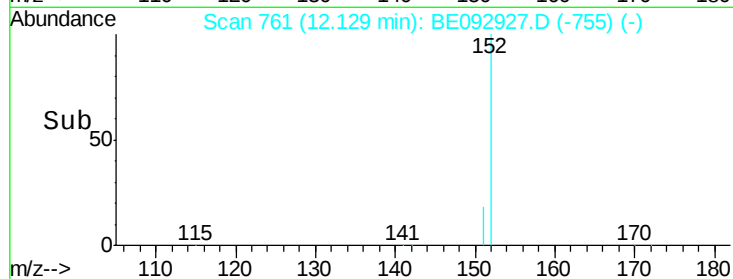
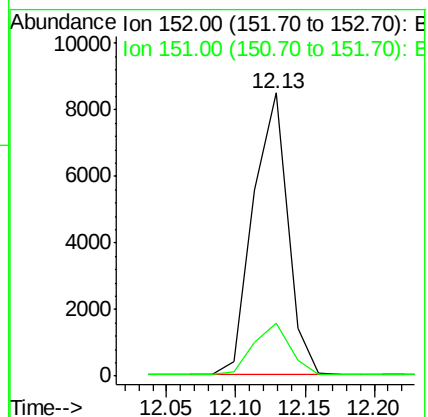
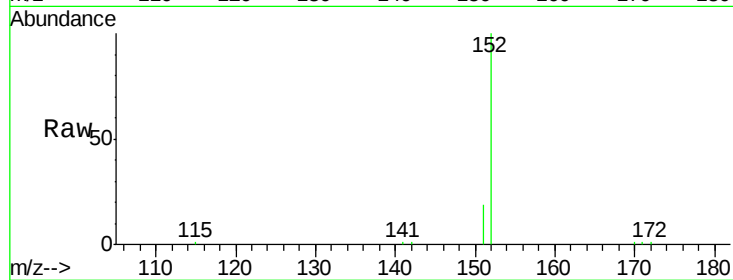
SSTDICC3.2

Tgt Ion:152 Resp: 14628

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5



#12

2-Methylnaphthalene

Concen: 3.30 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

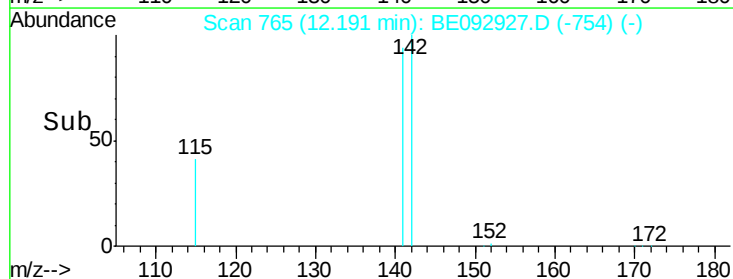
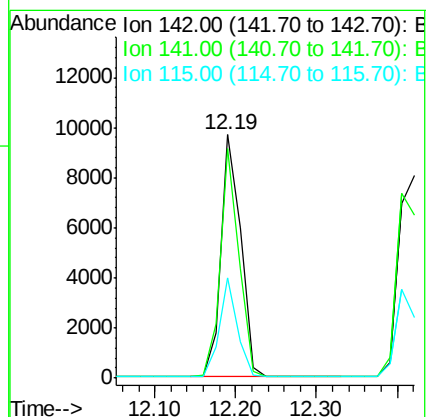
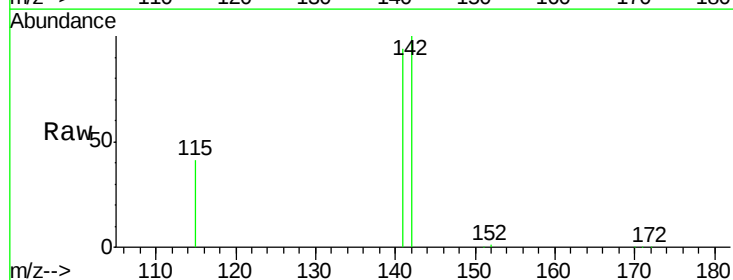
Tgt Ion:142 Resp: 16491

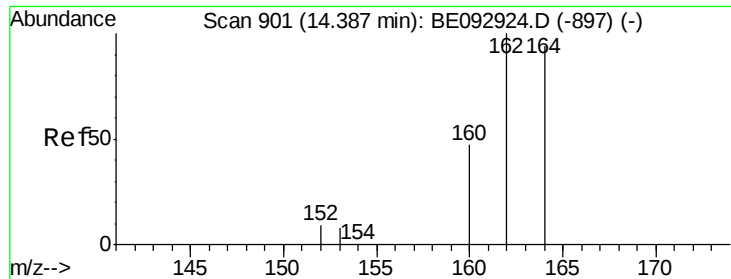
Ion Ratio Lower Upper

142 100

141 94.5 76.0 114.0

115 41.1 41.6 62.4#

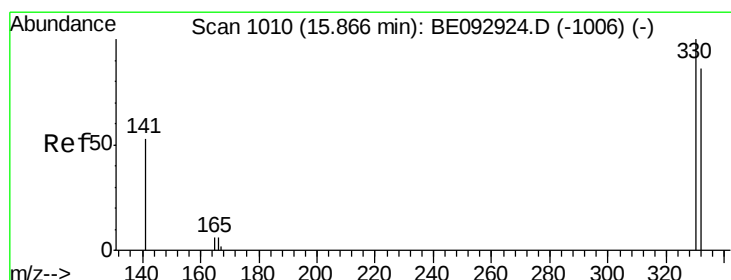
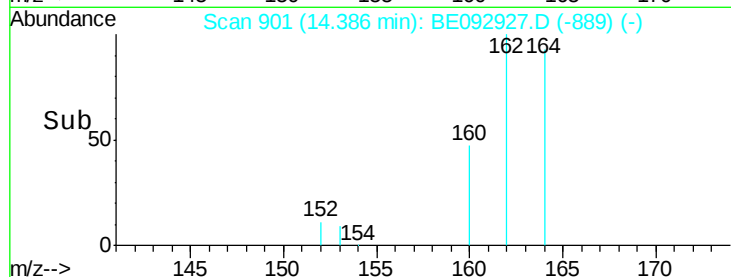
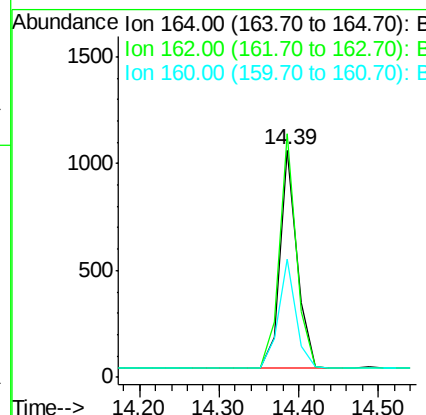
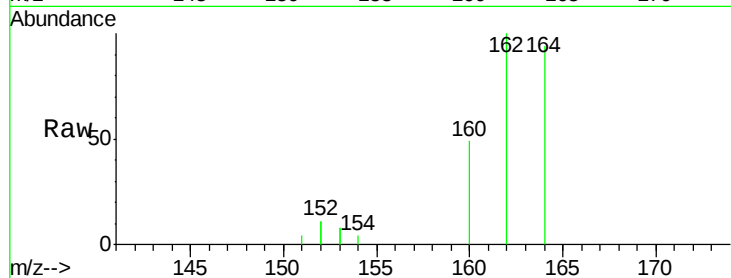




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

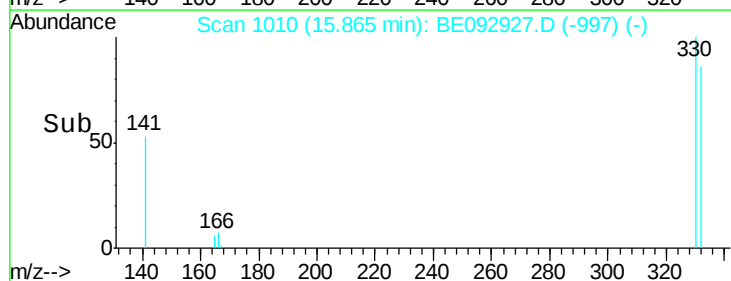
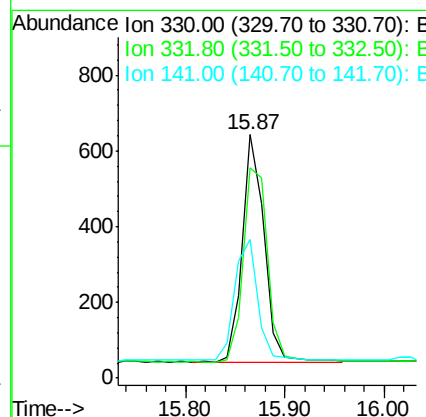
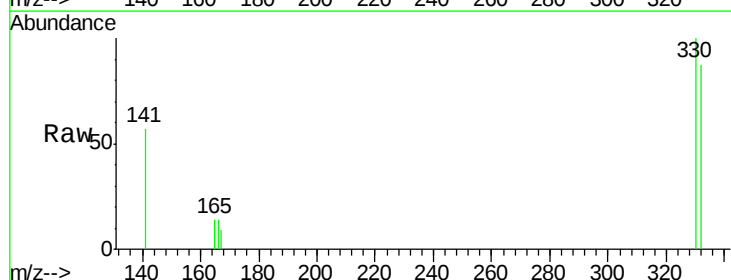
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

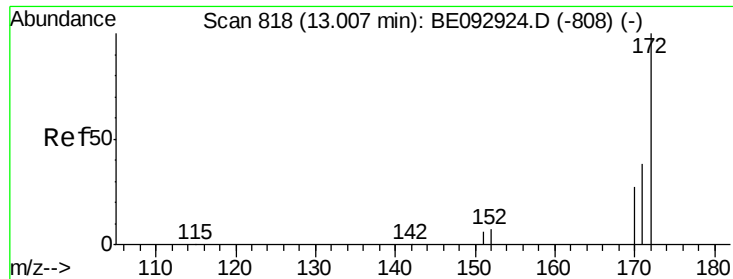
Tgt Ion:164 Resp: 1514
Ion Ratio Lower Upper
164 100
162 106.9 86.6 130.0
160 52.0 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 3.68 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Tgt Ion:330 Resp: 920
Ion Ratio Lower Upper
330 100
332 95.7 69.1 103.7
141 56.0 54.6 81.8

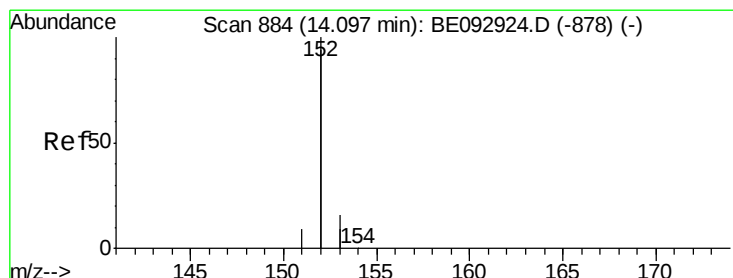
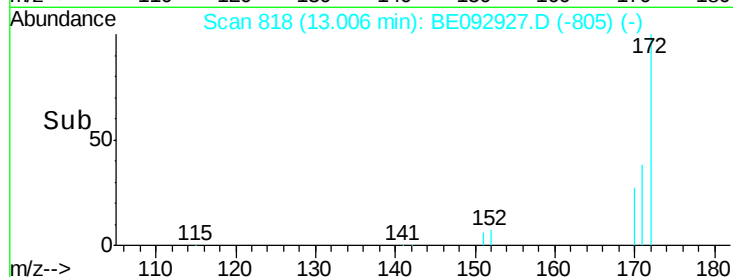
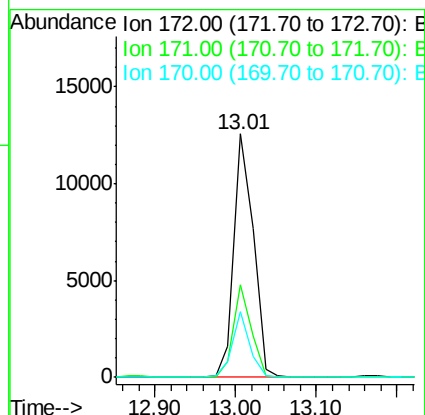
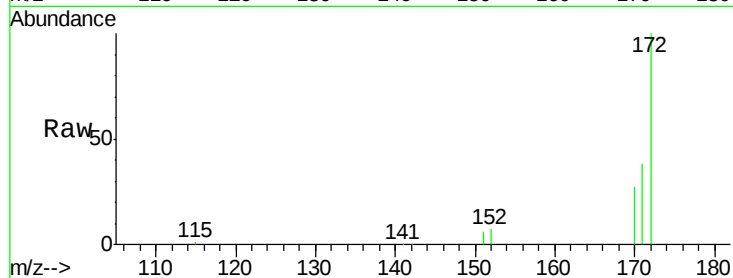




#15
2-Fluorobiphenyl
Concen: 2.94 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

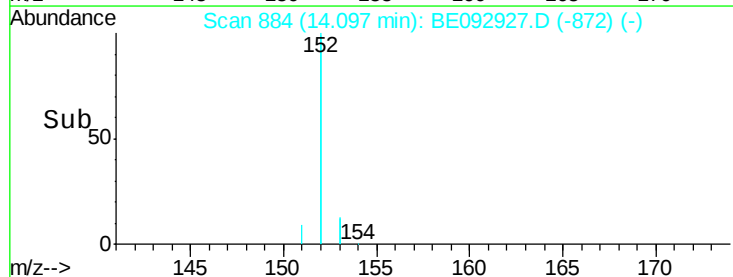
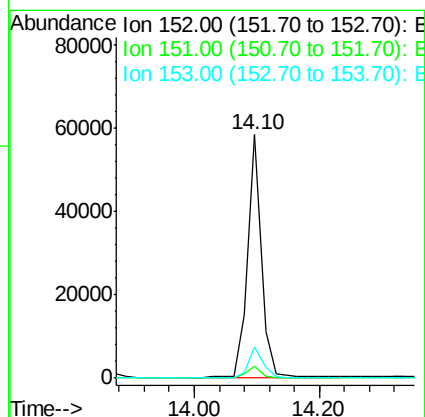
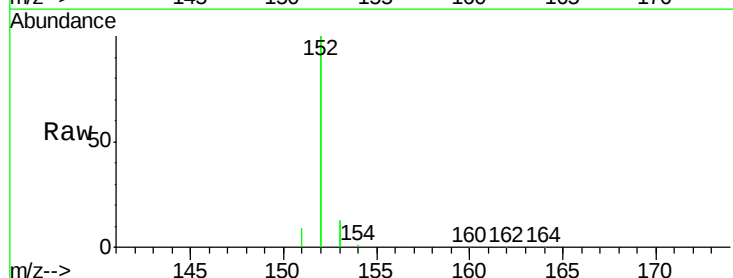
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

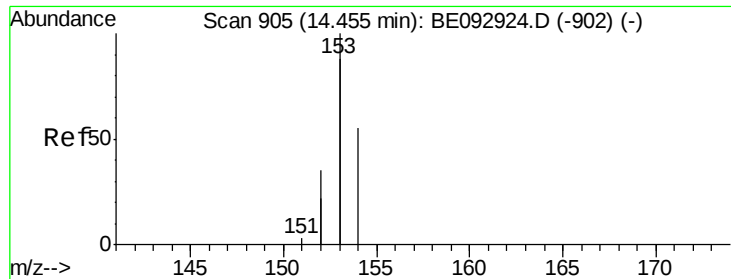
Tgt Ion:172 Resp: 20461
Ion Ratio Lower Upper
172 100
171 38.1 35.8 53.6
170 27.1 28.5 42.7#



#16
Acenaphthylene
Concen: 3.66 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Tgt Ion:152 Resp: 89100
Ion Ratio Lower Upper
152 100
151 4.9 3.8 5.8
153 13.0 10.0 15.0

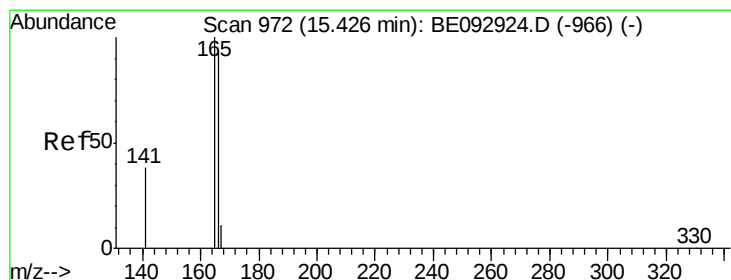
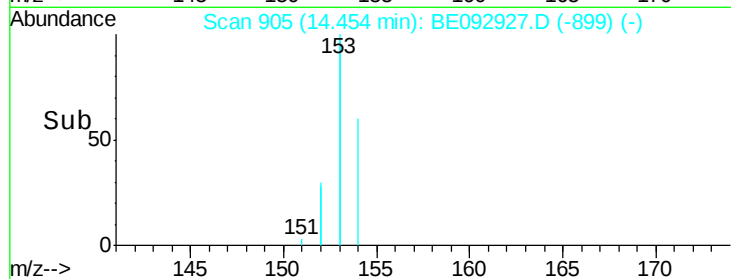
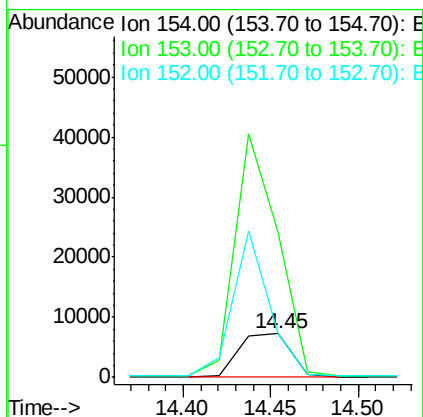
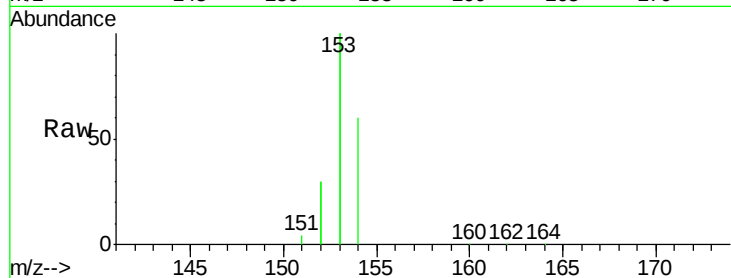




#17
Acenaphthene
Concen: 3.18 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

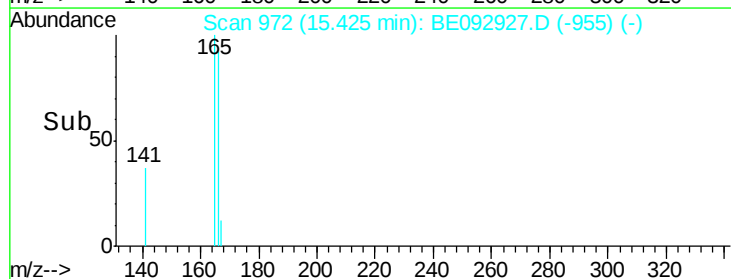
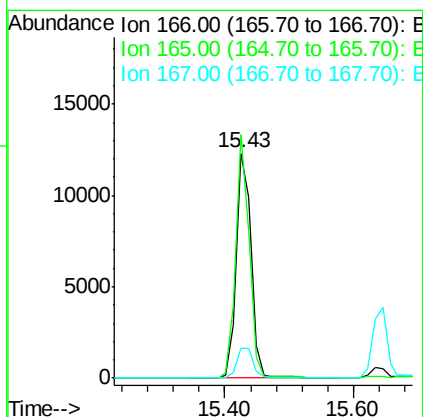
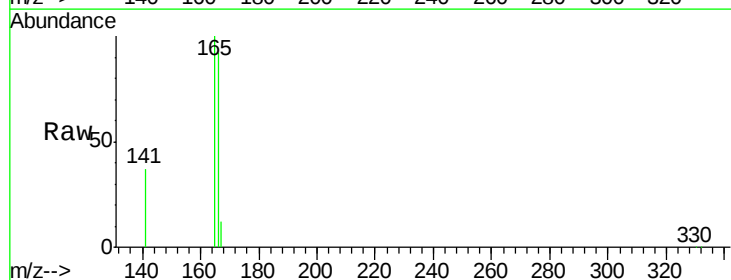
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

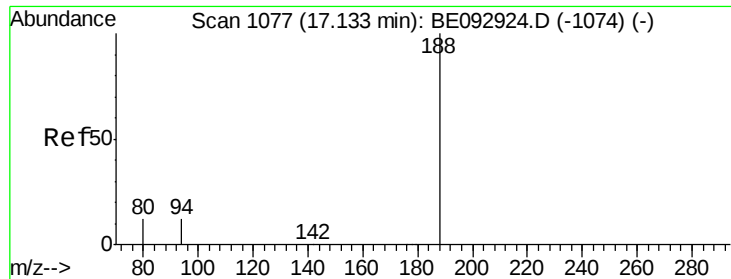
Tgt Ion:154 Resp: 15224
Ion Ratio Lower Upper
154 100
153 454.2 355.6 533.4
152 232.5 177.8 266.8



#18
Fluorene
Concen: 3.22 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Tgt Ion:166 Resp: 18786
Ion Ratio Lower Upper
166 100
165 99.1 80.7 121.1
167 14.1 11.3 16.9

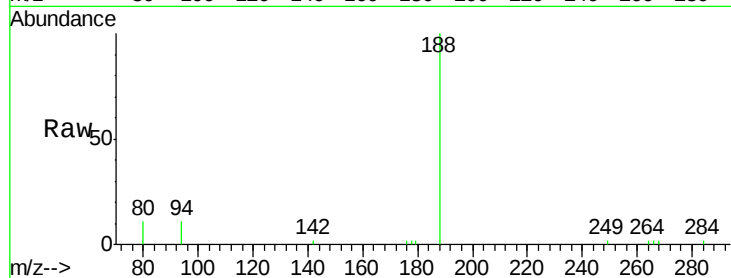




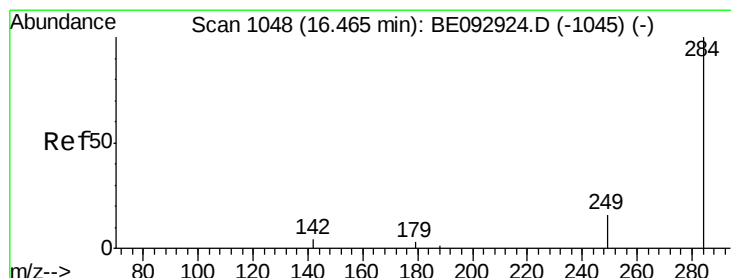
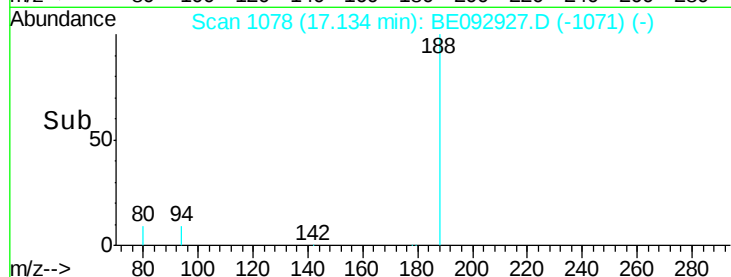
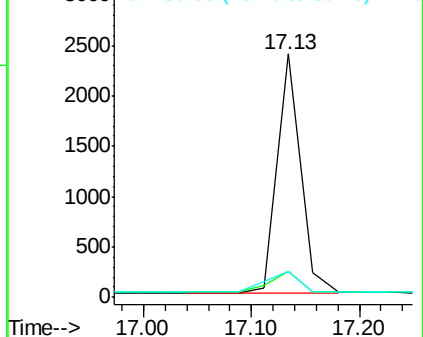
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 3635
Ion Ratio Lower Upper
188 100
94 10.9 10.2 15.4
80 10.6 10.6 15.8#

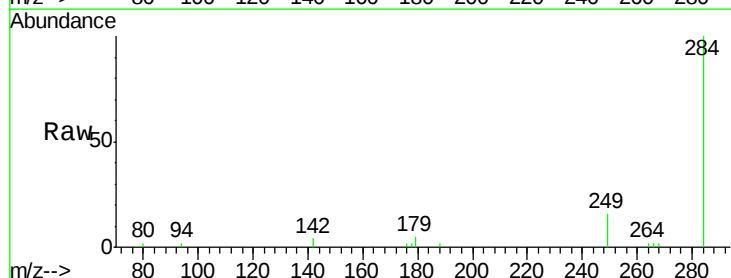


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

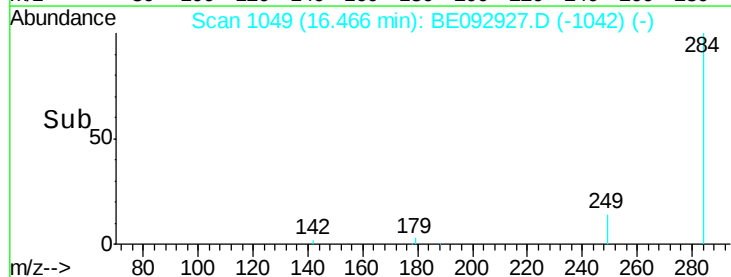
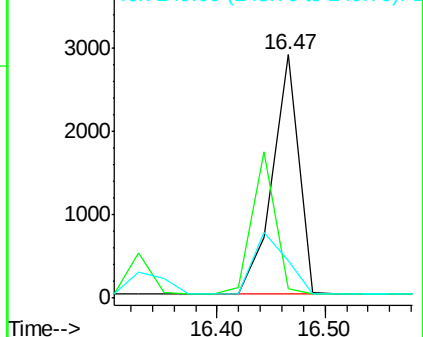


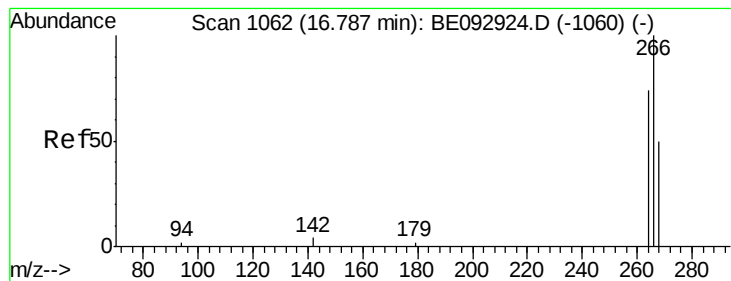
#20
Hexachlorobenzene
Concen: 3.08 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092927.D
Acq: 5 May 2017 12:55

Tgt Ion:284 Resp: 4965
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



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





#21

Pentachlorophenol

Concen: 4.13 ng

RT: 16.79 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

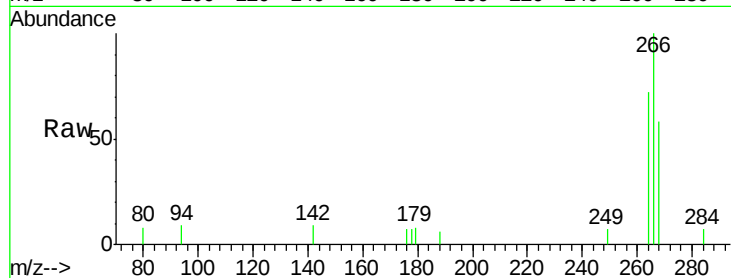
Tgt Ion:266 Resp: 1205

Ion Ratio Lower Upper

266 100

264 71.7 75.4 113.2#

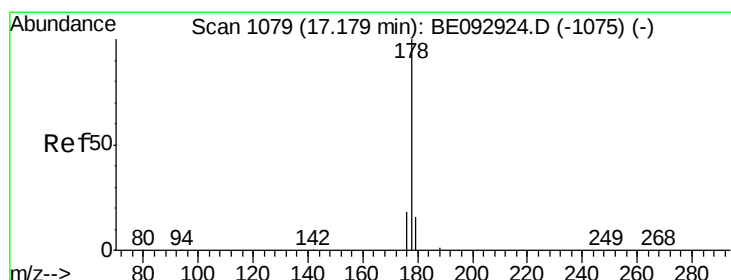
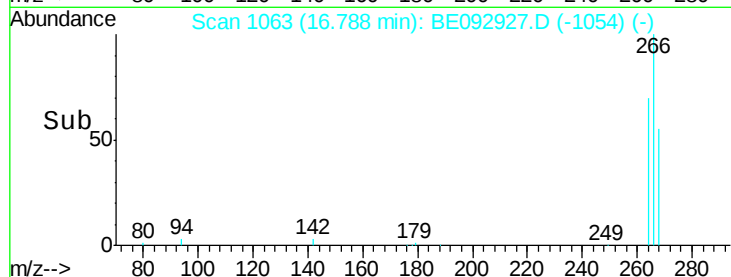
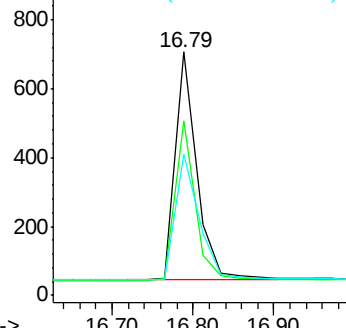
268 58.0 75.4 113.2#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22

Phenanthrene

Concen: 2.96 ng

RT: 17.18 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

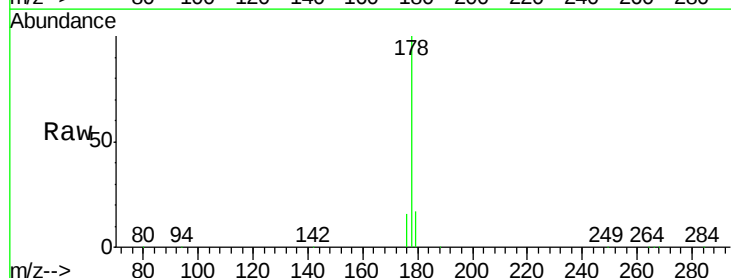
Tgt Ion:178 Resp: 31186

Ion Ratio Lower Upper

178 100

176 17.9 14.2 21.4

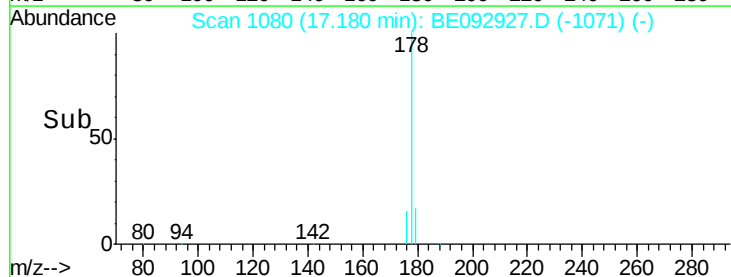
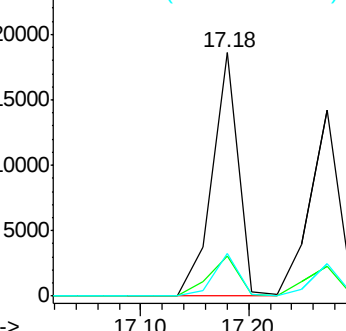
179 16.2 13.6 20.4

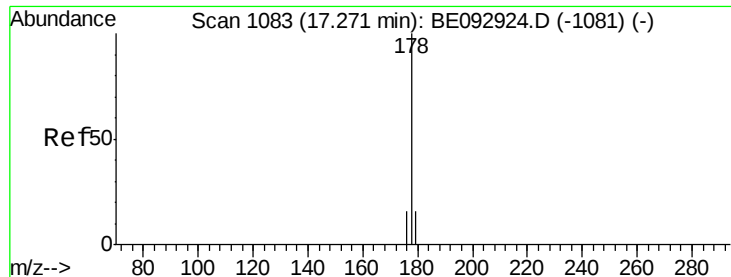


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.27 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

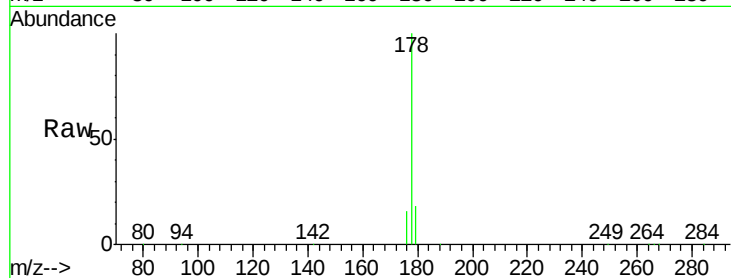
Tgt Ion:178 Resp: 26359

Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

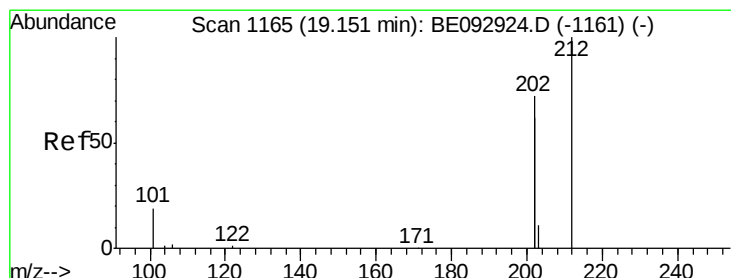
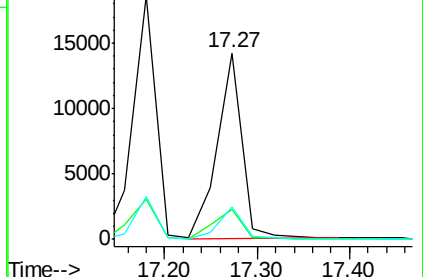
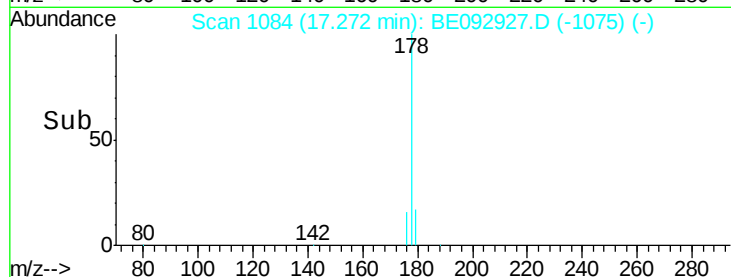
179 16.1 12.8 19.2



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



#24

Fluoranthene-d10

Concen: 3.22 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

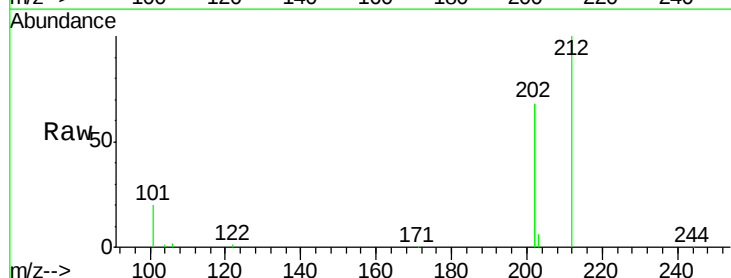
Tgt Ion:212 Resp: 28067

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

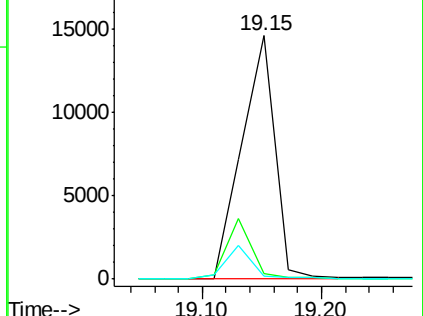
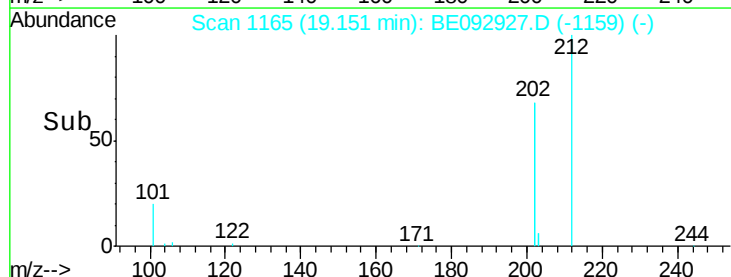
104 0.0 0.0 0.0

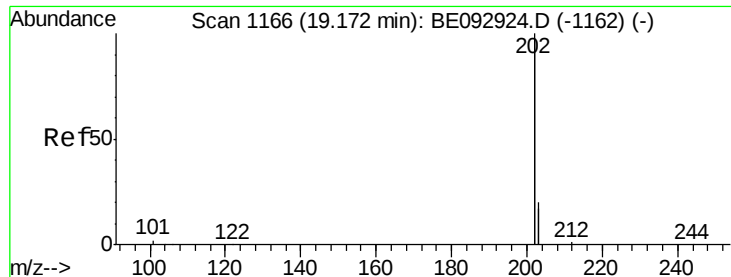


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 3.39 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

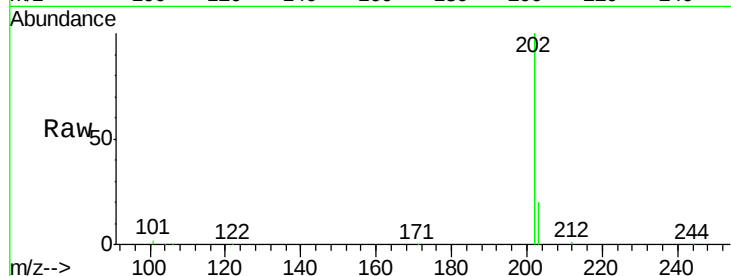
Tgt Ion:202 Resp: 153819

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

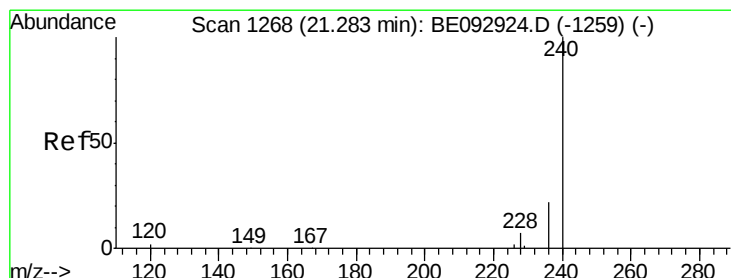
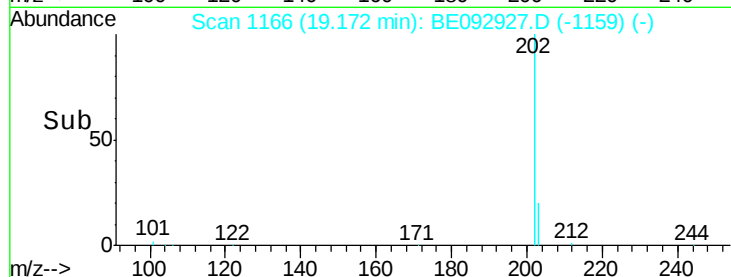
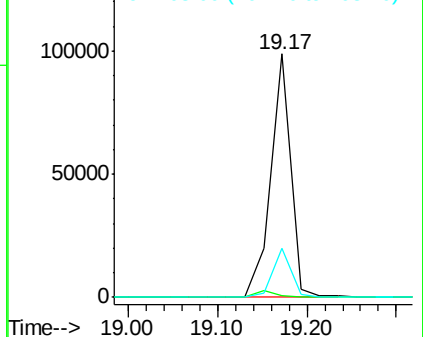
203 18.8 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

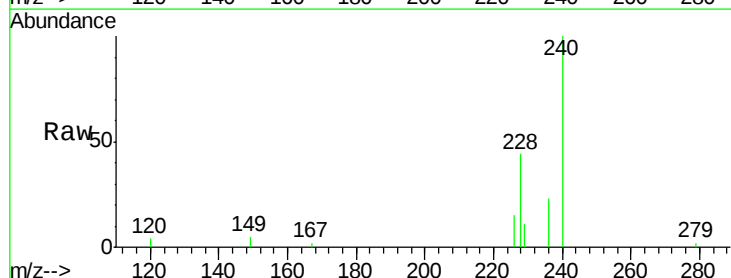
Tgt Ion:240 Resp: 4025

Ion Ratio Lower Upper

240 100

120 4.2 4.6 6.8#

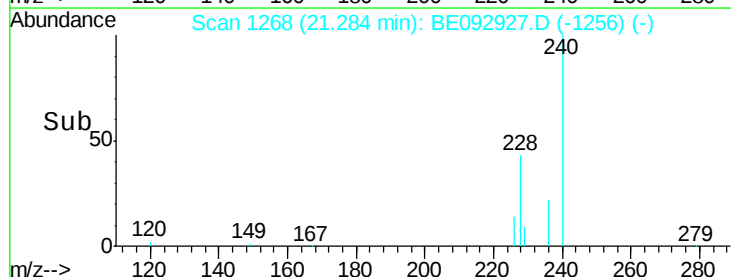
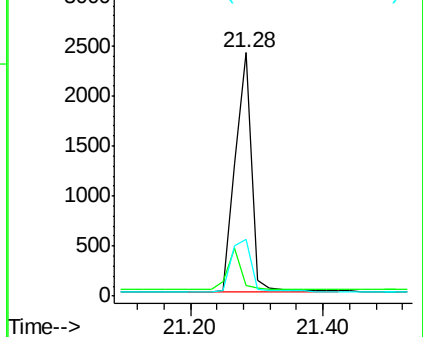
236 23.1 19.8 29.8

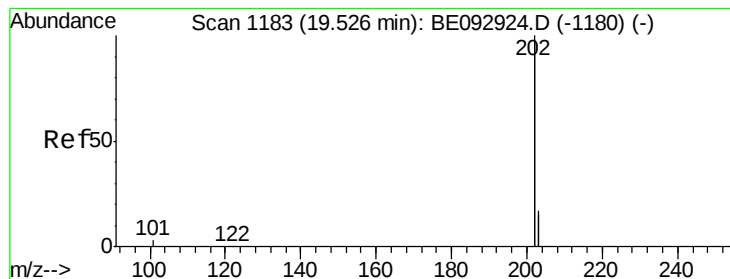


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 3.11 ng

RT: 19.53 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

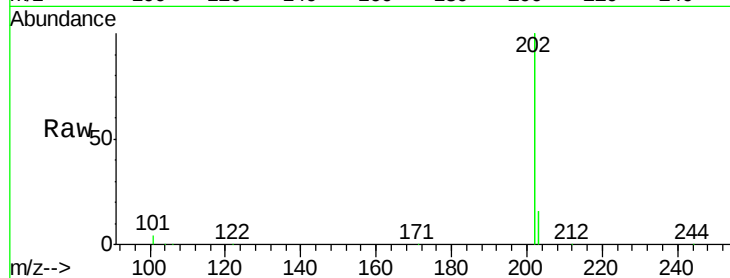
Tgt Ion:202 Resp: 163726

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

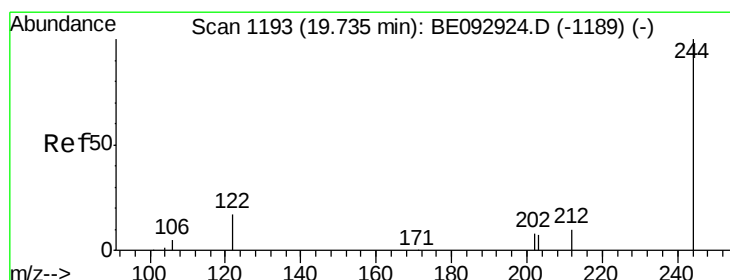
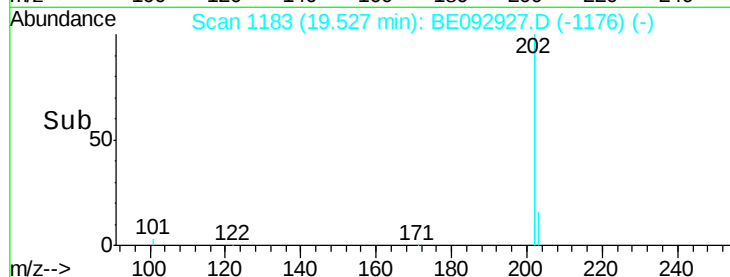
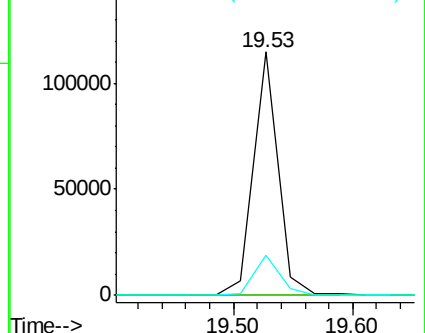
203 17.0 13.5 20.3



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



#28

Terphenyl-d14

Concen: 3.02 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

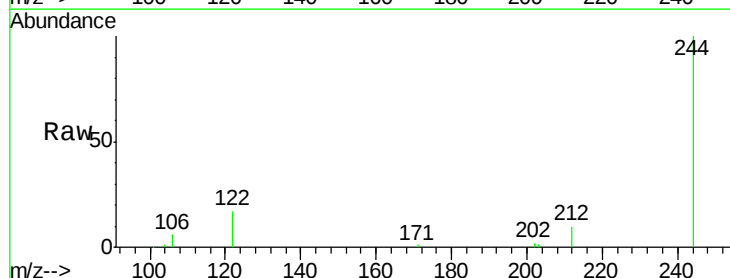
Tgt Ion:244 Resp: 21100

Ion Ratio Lower Upper

244 100

212 10.4 18.4 27.6#

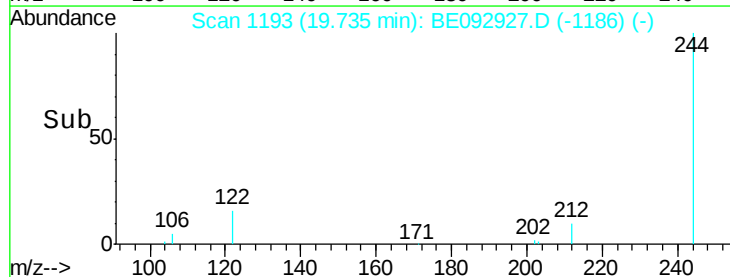
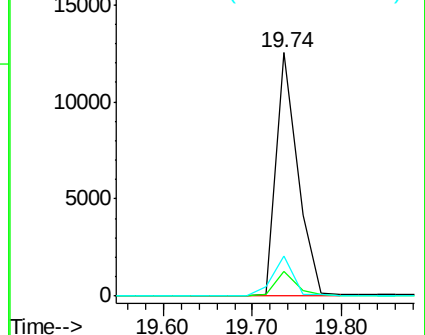
122 16.6 23.3 34.9#

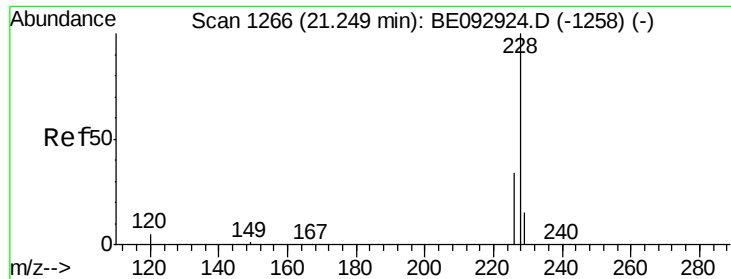


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 3.43 ng

RT: 21.25 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

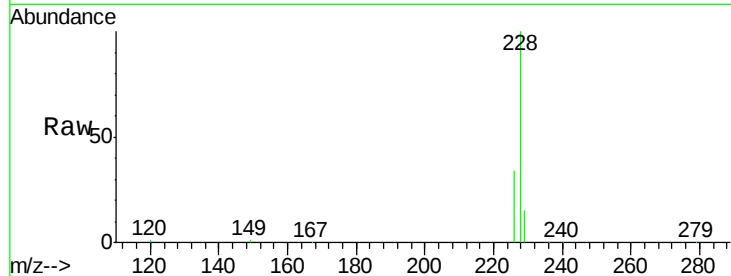
Tgt Ion:228 Resp: 32159

Ion Ratio Lower Upper

228 100

226 34.0 32.0 48.0

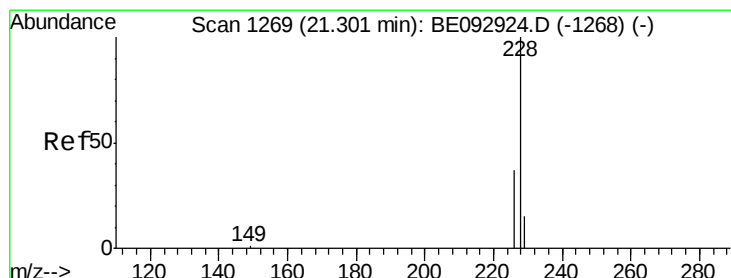
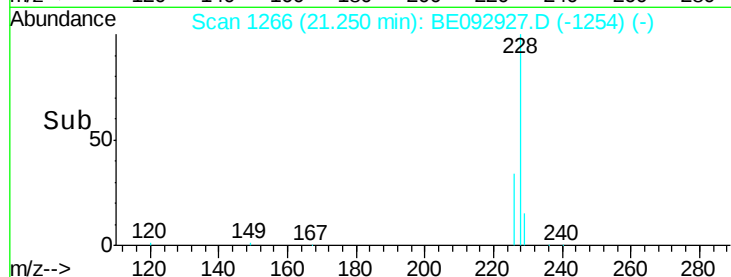
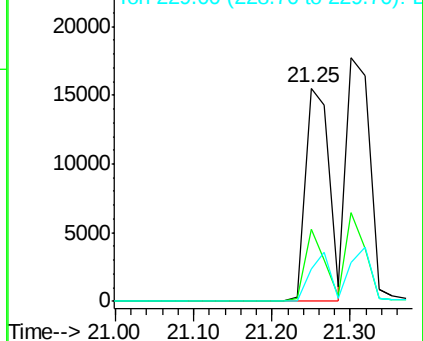
229 15.4 21.4 32.0#



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



#30

Chrysene

Concen: 3.06 ng

RT: 21.30 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

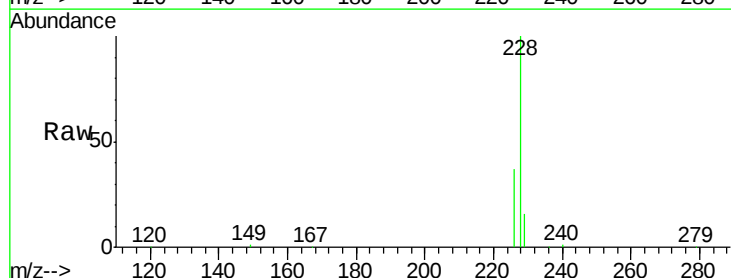
Tgt Ion:228 Resp: 36693

Ion Ratio Lower Upper

228 100

226 36.6 34.2 51.2

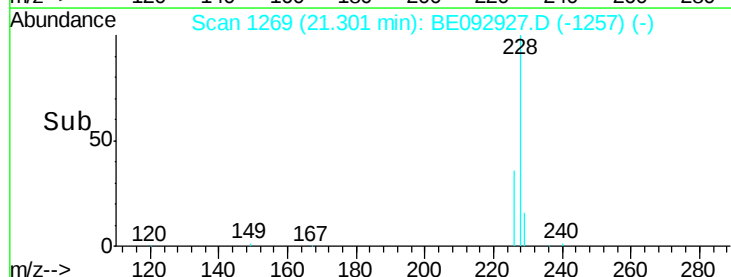
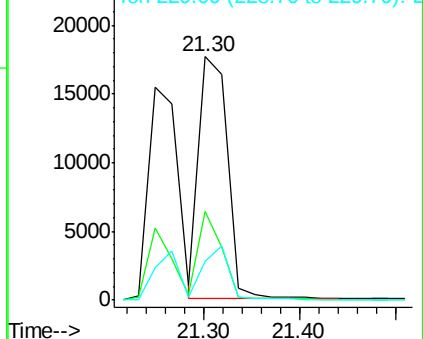
229 15.9 18.6 28.0#

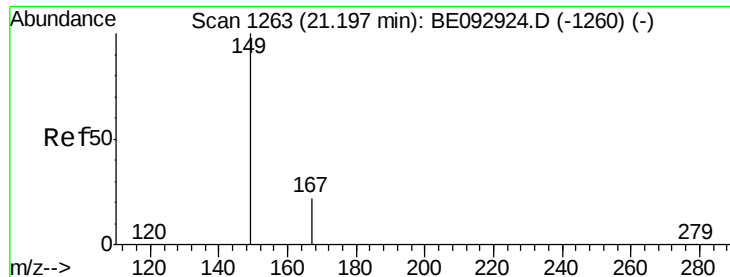


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

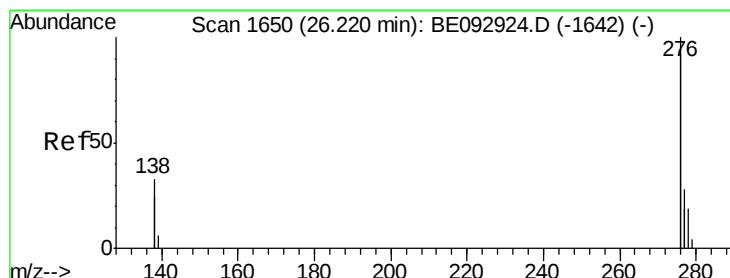
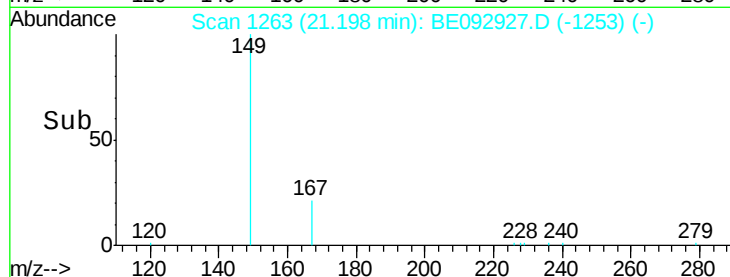
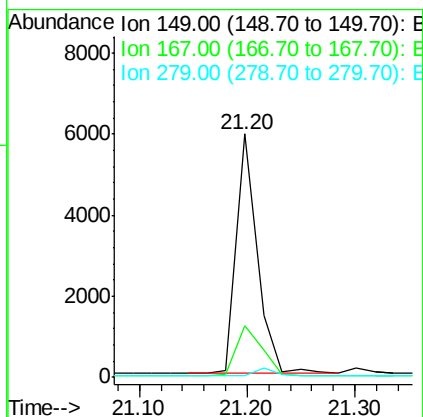
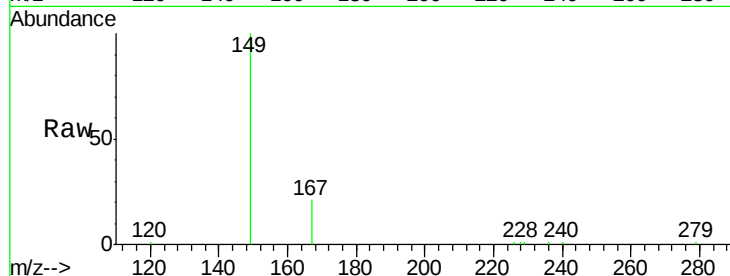




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 3.27 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092927.D
 Acq: 5 May 2017 12:55

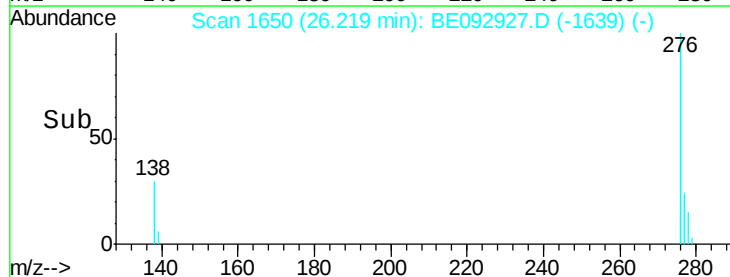
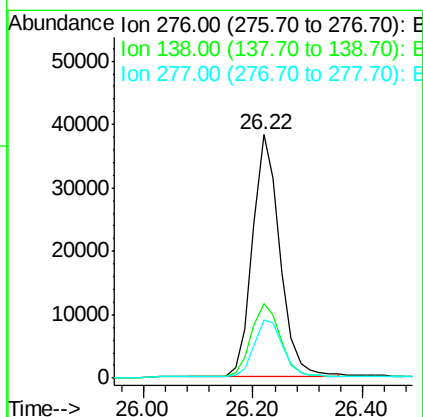
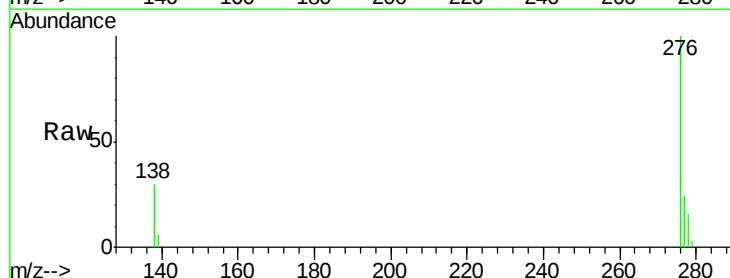
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

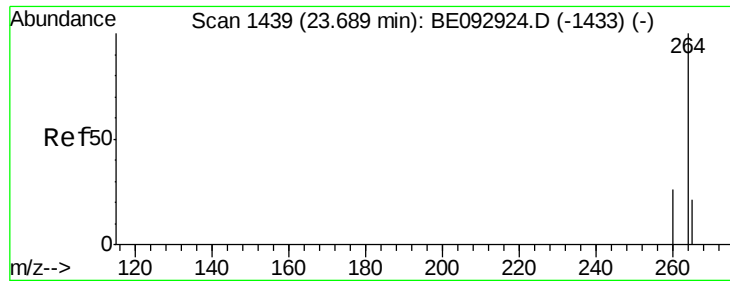
Tgt Ion: 149 Resp: 7928
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.9 31.3
 279 2.8 0.0 0.0#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 3.40 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092927.D
 Acq: 5 May 2017 12:55

Tgt Ion: 276 Resp: 133645
 Ion Ratio Lower Upper
 276 100
 138 32.3 25.8 38.6
 277 25.0 20.2 30.4

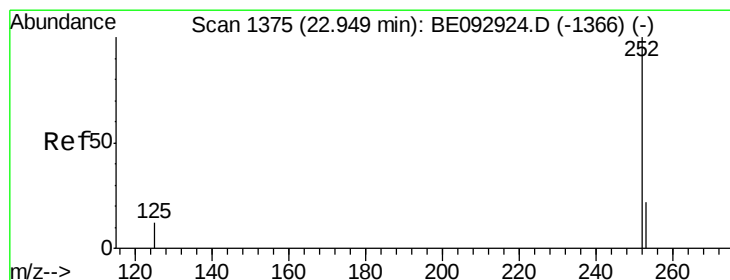
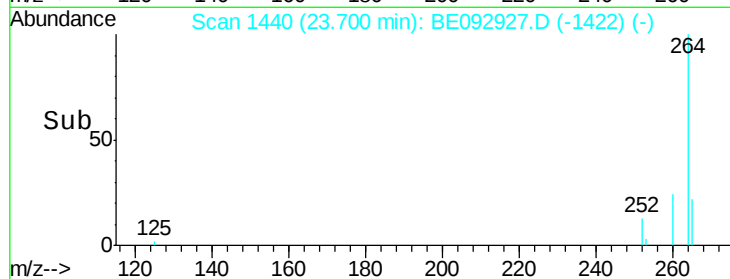
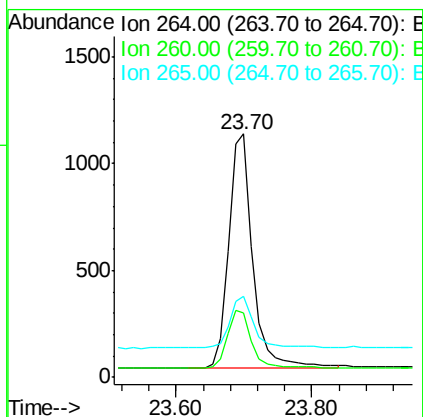
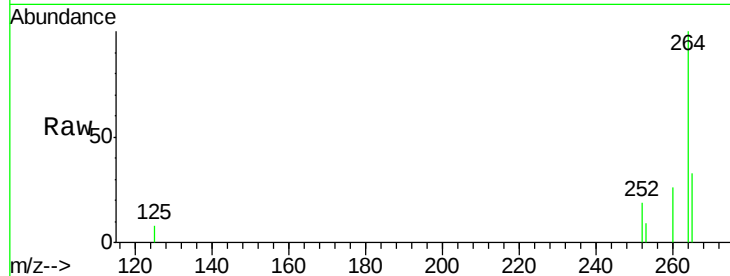




#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BE092927.D
 Acq: 5 May 2017 12:55

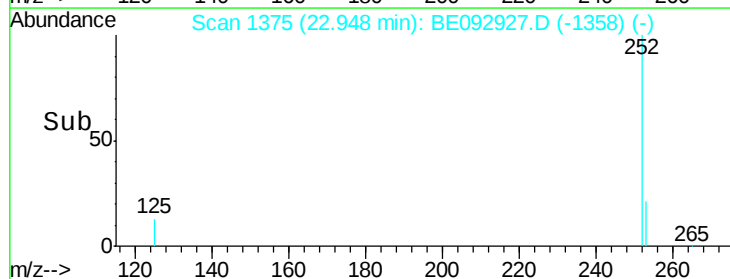
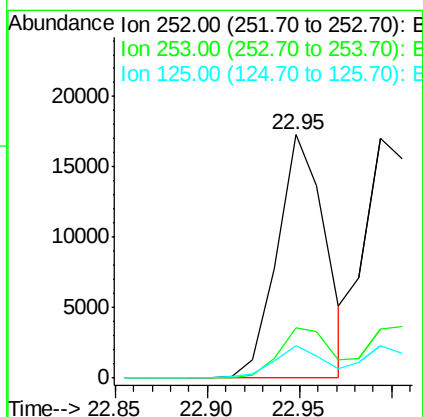
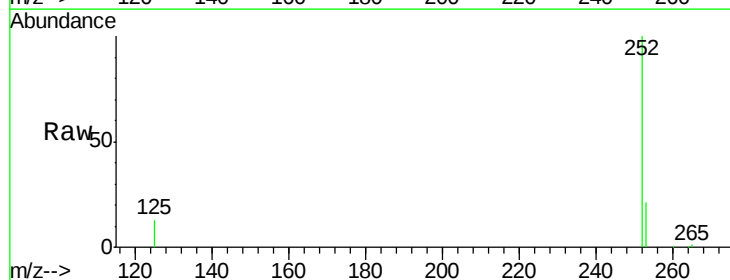
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

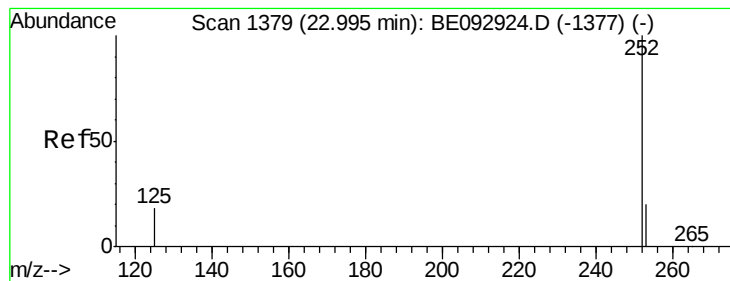
Tgt Ion: 264 Resp: 2708
 Ion Ratio Lower Upper
 264 100
 260 26.5 23.5 35.3
 265 33.3 27.2 40.8



#34
 Benzo(b)fluoranthene
 Concen: 3.28 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092927.D
 Acq: 5 May 2017 12:55

Tgt Ion: 252 Resp: 31163
 Ion Ratio Lower Upper
 252 100
 253 20.8 24.7 37.1#
 125 13.2 20.3 30.5#





#35

Benzo(k)fluoranthene

Concen: 3.49 ng

RT: 22.99 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

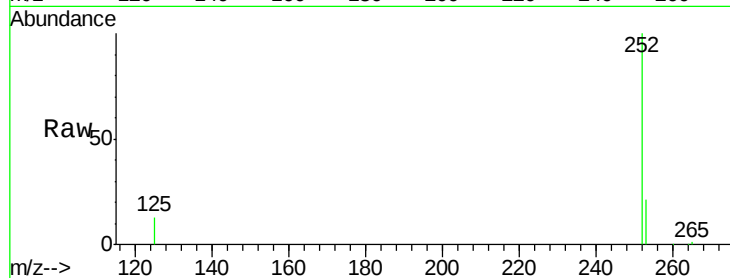
Tgt Ion:252 Resp: 33751

Ion Ratio Lower Upper

252 100

253 20.6 25.8 38.8#

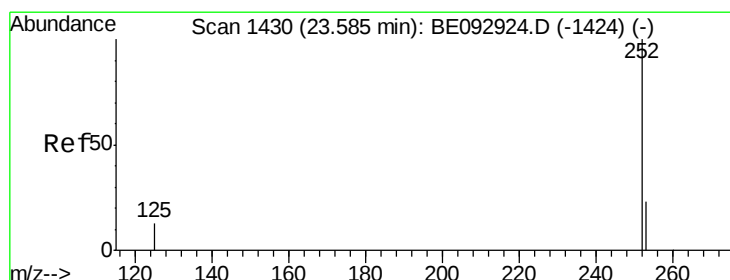
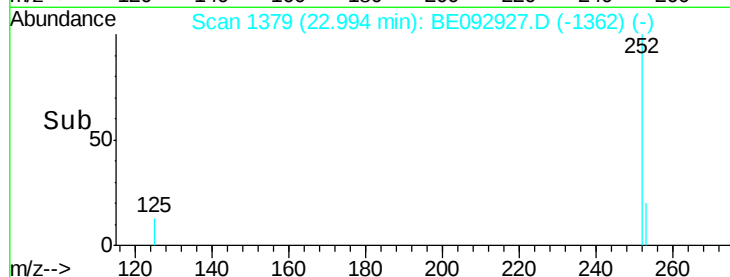
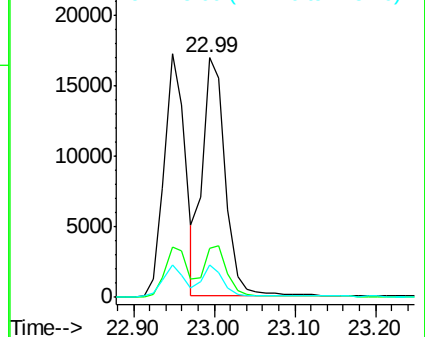
125 13.4 22.9 34.3#



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



#36

Benzo(a)pyrene

Concen: 3.47 ng

RT: 23.58 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

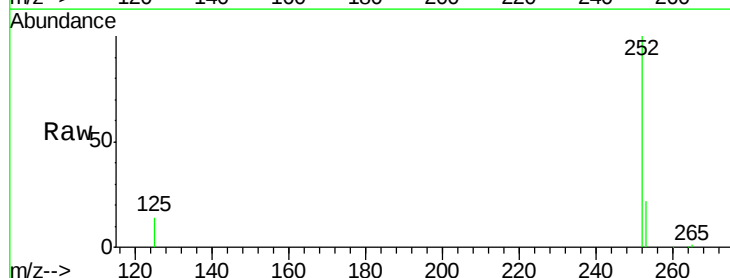
Tgt Ion:252 Resp: 26648

Ion Ratio Lower Upper

252 100

253 22.4 31.3 46.9#

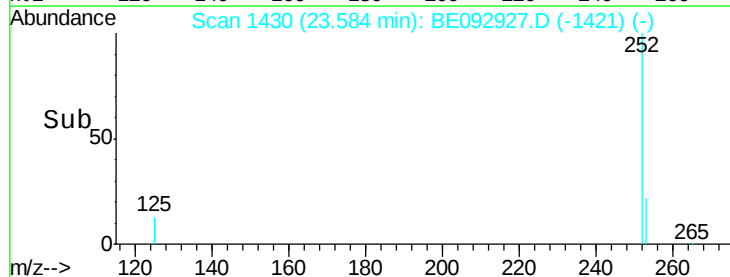
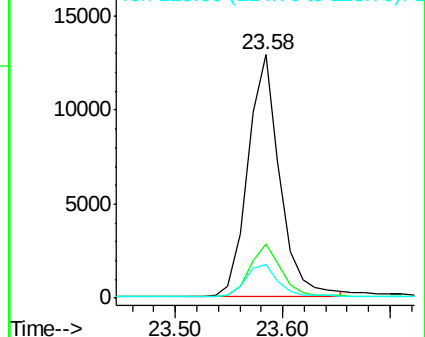
125 13.6 26.4 39.6#

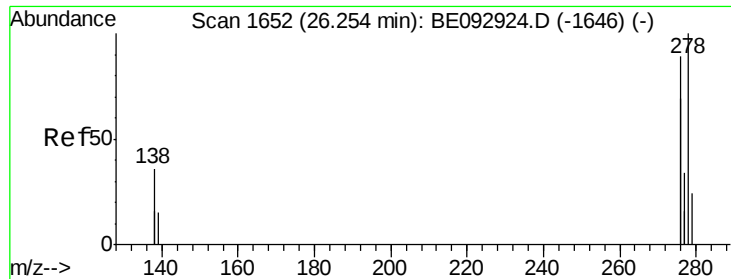


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 3.54 ng

RT: 26.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

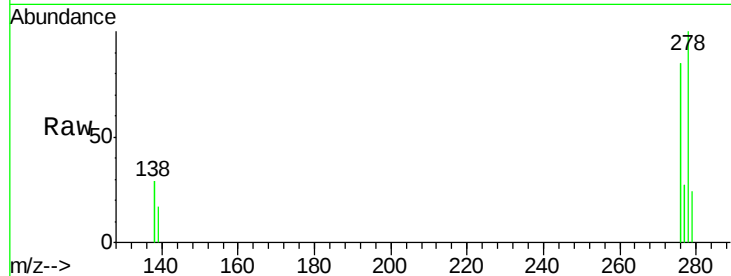
Tgt Ion: 278 Resp: 30267

Ion Ratio Lower Upper

278 100

139 16.8 27.4 41.2#

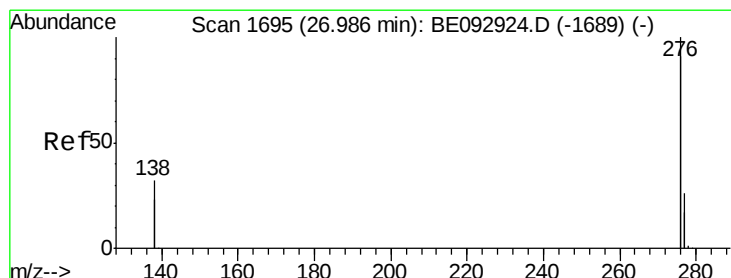
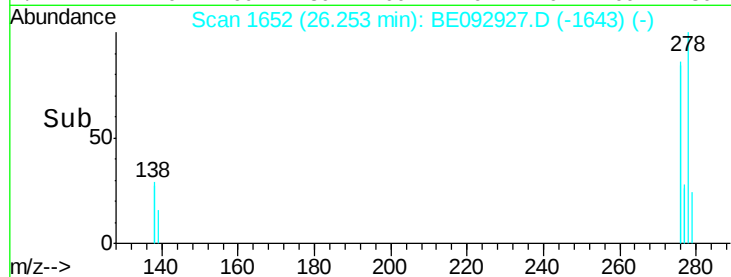
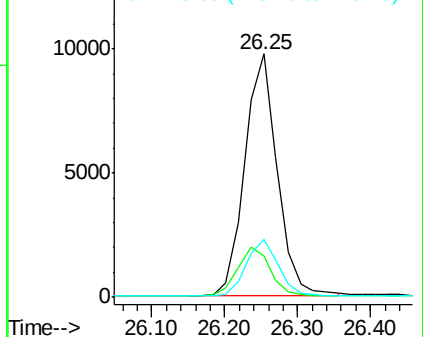
279 23.9 33.3 49.9#



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



#38

Benzo(g,h,i)perylene

Concen: 3.29 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092927.D

Acq: 5 May 2017 12:55

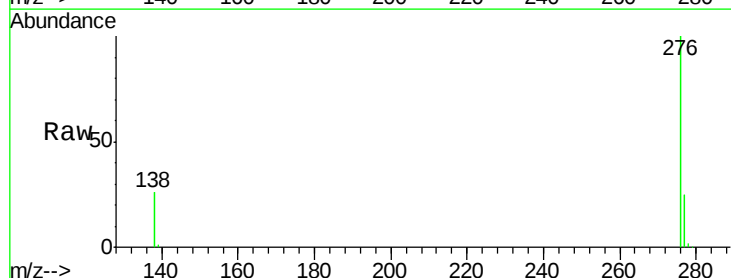
Tgt Ion: 276 Resp: 122132

Ion Ratio Lower Upper

276 100

277 24.7 29.9 44.9#

138 25.6 34.6 51.8#



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

