

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092923.D
 Acq On : 5 May 2017 10:28
 Operator : SJ/MA
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 05 11:42:52 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	721	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3021	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1344	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3533	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3105	0.40	ng	0.00
33) Perylene-d12	23.69	264	2588	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	313	0.20	ng	0.00
5) Phenol-d6	6.94	99	445	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	393	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	893	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	38	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1298	0.21	ng	0.00
24) Fluoranthene-d10	19.15	212	1580	0.19	ng	0.00
28) Terphenyl-d14	19.74	244	1194	0.22	ng	0.00

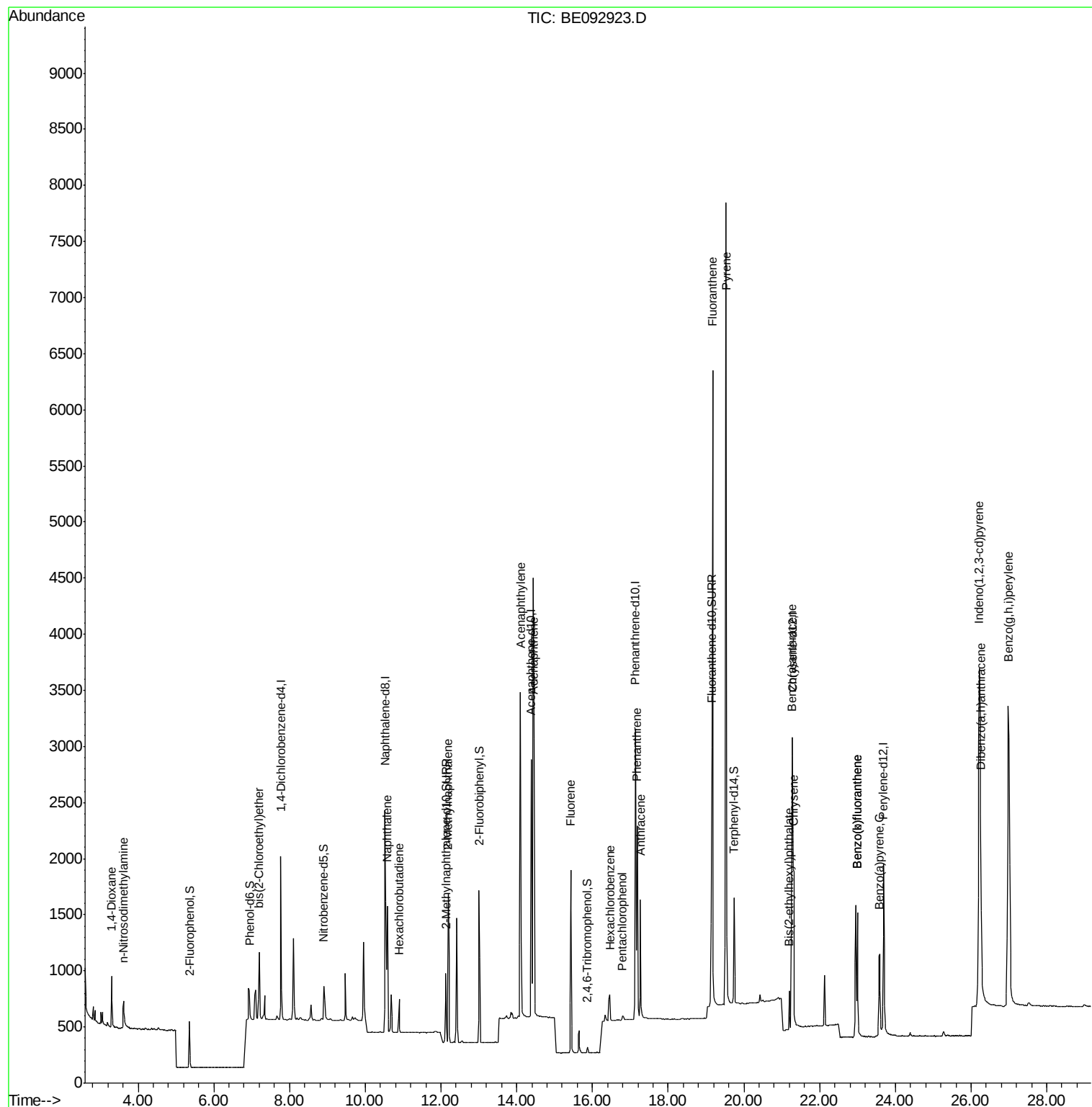
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	279	0.20	ng	99
3) n-Nitrosodimethylamine	3.61	42	197	0.19	ng	# 81
6) bis(2-Chloroethyl)ether	7.20	93	531	0.20	ng	98
9) Naphthalene	10.58	128	1644	0.20	ng	# 91
10) Hexachlorobutadiene	10.89	225	223	0.20	ng	96
12) 2-Methylnaphthalene	12.19	142	985	0.20	ng	97
16) Acenaphthylene	14.10	152	3949	0.18	ng	98
17) Acenaphthene	14.45	154	846	0.20	ng	93
18) Fluorene	15.43	166	1031	0.20	ng	99
20) Hexachlorobenzene	16.46	284	304	0.19	ng	# 100
21) Pentachlorophenol	16.79	266	47	0.17	ng	95
22) Phenanthrene	17.18	178	2036	0.20	ng	97
23) Anthracene	17.27	178	1436	0.18	ng	99
25) Fluoranthene	19.17	202	7795	0.18	ng	# 96
27) Pyrene	19.53	202	8771	0.22	ng	# 100
29) Benzo(a)anthracene	21.27	228	1461	0.20	ng	# 86
30) Chrysene	21.32	228	1913	0.21	ng	# 81
31) Bis(2-ethylhexyl)phthalate	21.20	149	408	0.22	ng	# 94
32) Indeno(1,2,3-cd)pyrene	26.22	276	6811	0.22	ng	100
34) Benzo(b)fluoranthene	22.99	252	1572	0.17	ng	91
35) Benzo(k)fluoranthene	22.99	252	1609	0.17	ng	# 87
36) Benzo(a)pyrene	23.58	252	1321	0.18	ng	# 85
37) Dibenzo(a,h)anthracene	26.25	278	1458	0.18	ng	# 85
38) Benzo(g,h,i)perylene	26.99	276	6484	0.18	ng	# 87

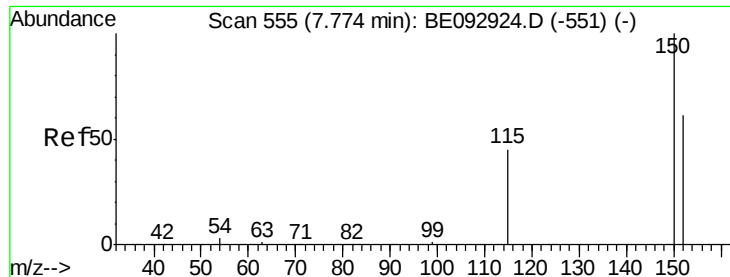
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 05 11:39:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

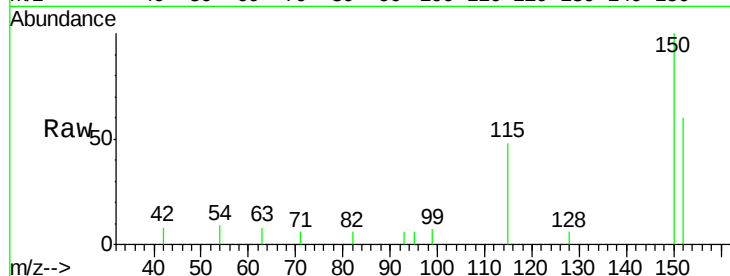
Tgt Ion:152 Resp: 721

Ion Ratio Lower Upper

152 100

150 166.9 129.9 194.9

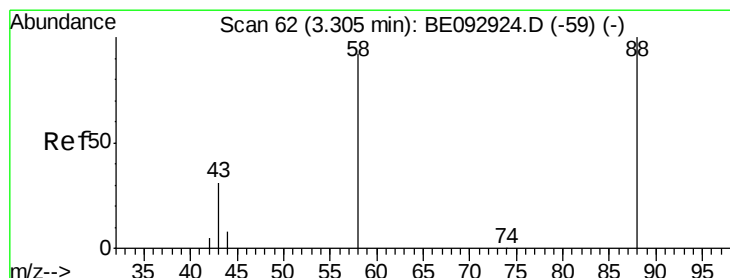
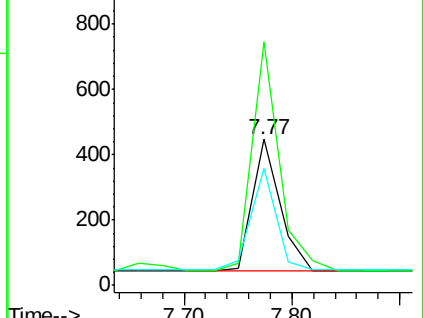
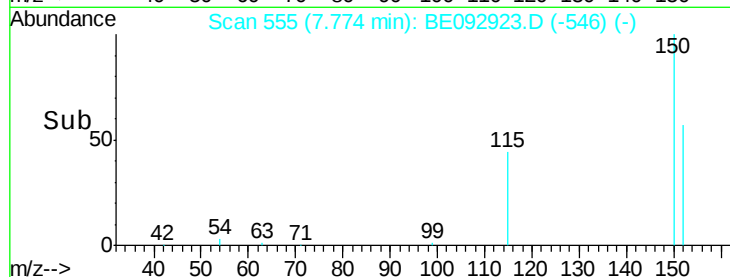
115 80.1 62.6 93.8



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: 0.20 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

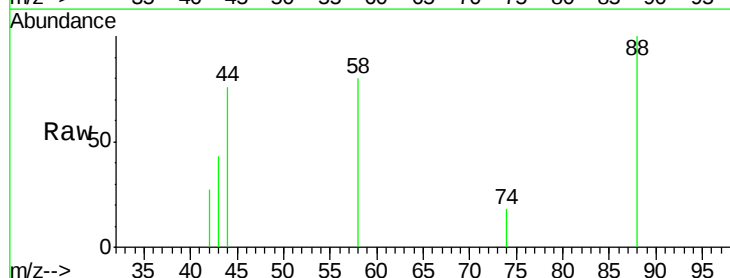
Tgt Ion: 88 Resp: 279

Ion Ratio Lower Upper

88 100

58 79.9 64.9 97.3

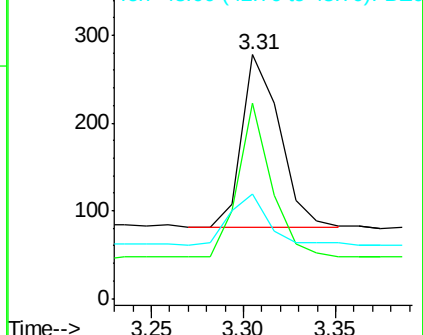
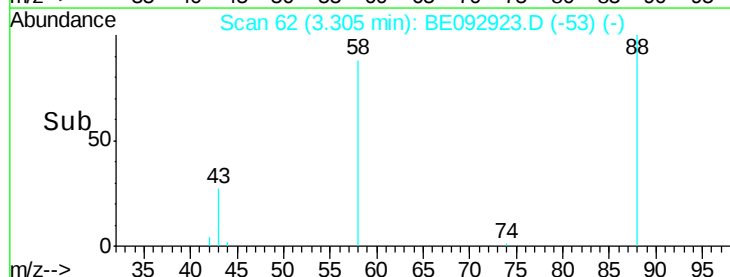
43 32.3 26.6 40.0

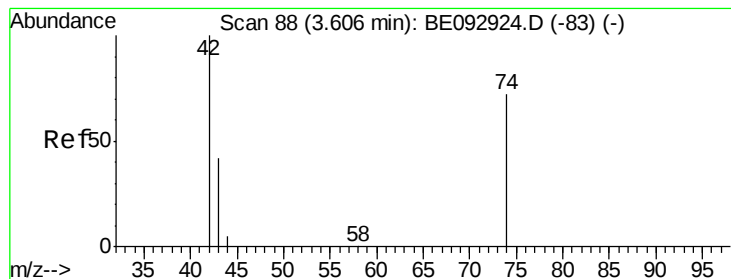


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

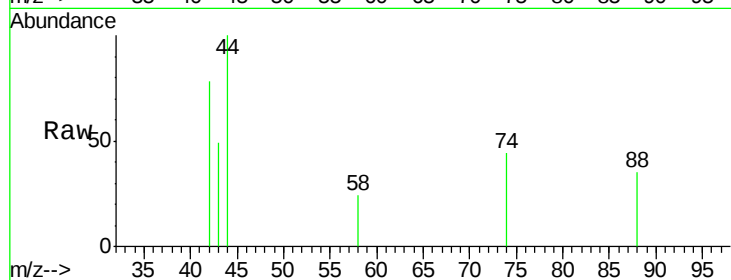
Tgt Ion: 42 Resp: 197

Ion Ratio Lower Upper

42 100

74 117.8 106.6 160.0

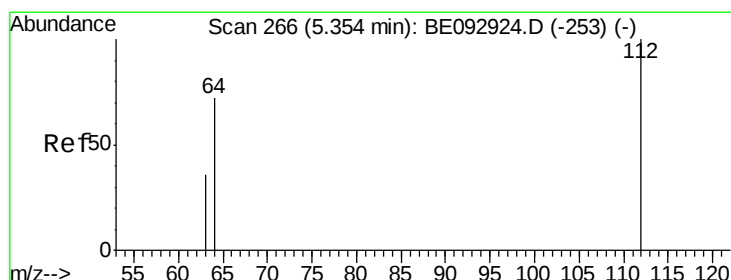
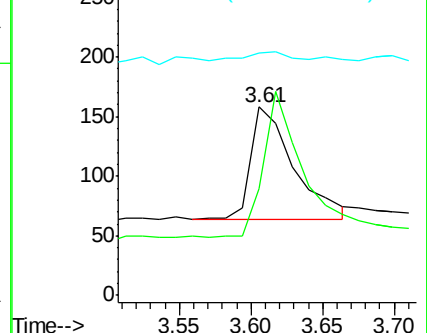
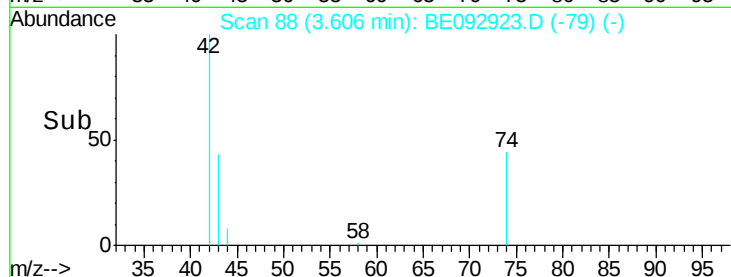
44 9.1 25.7 38.5#



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: 0.20 ng

RT: 5.35 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

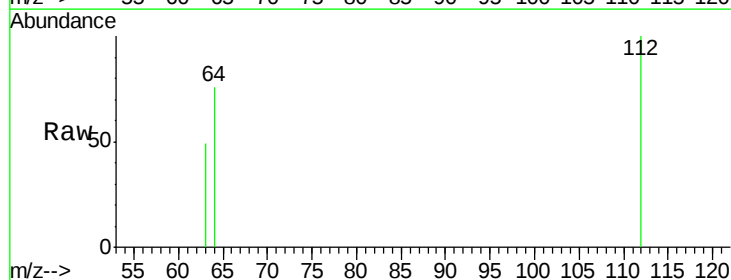
Tgt Ion: 112 Resp: 313

Ion Ratio Lower Upper

112 100

64 69.0 52.6 79.0

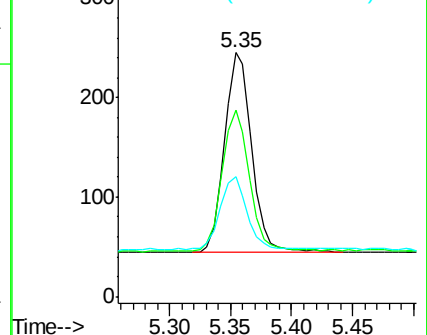
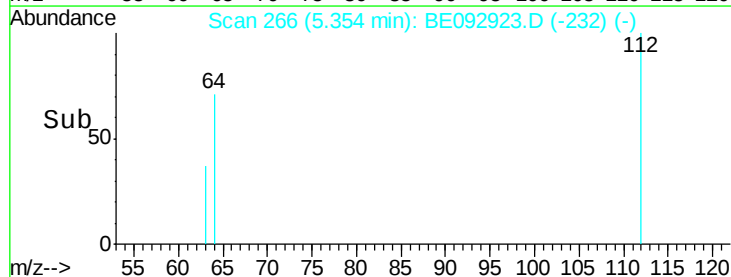
63 35.8 29.0 43.4

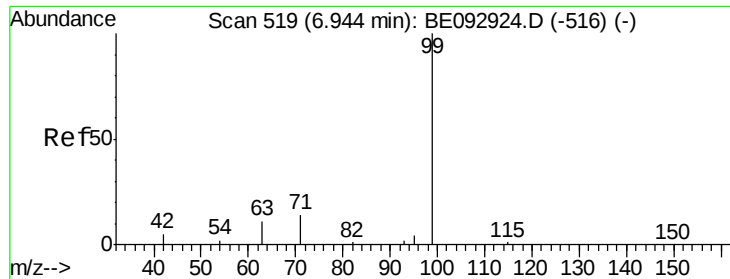


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.20 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

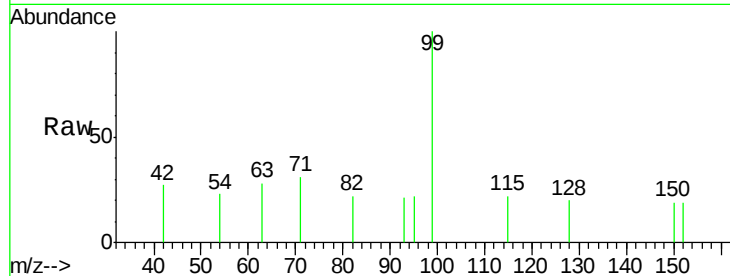
Tgt Ion: 99 Resp: 445

Ion Ratio Lower Upper

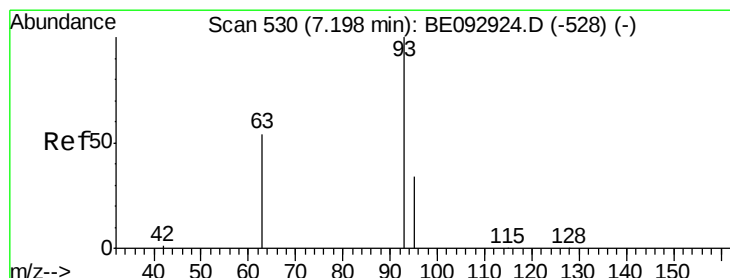
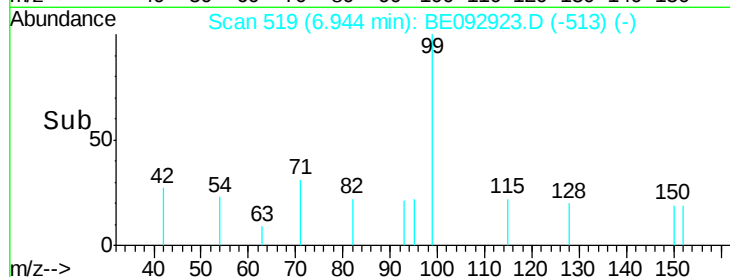
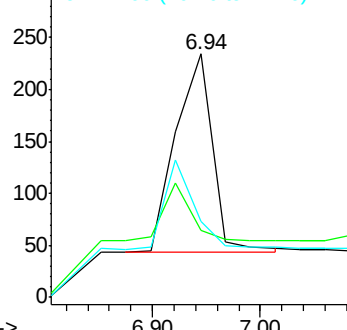
99 100

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: 0.20 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

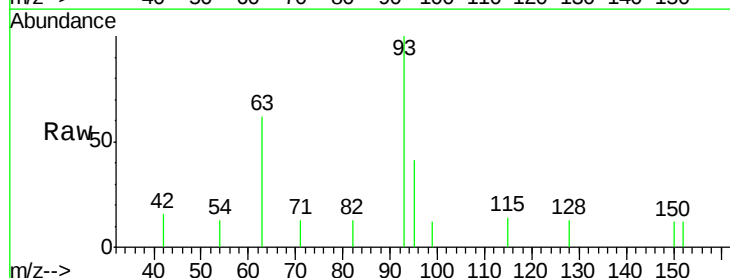
Tgt Ion: 93 Resp: 531

Ion Ratio Lower Upper

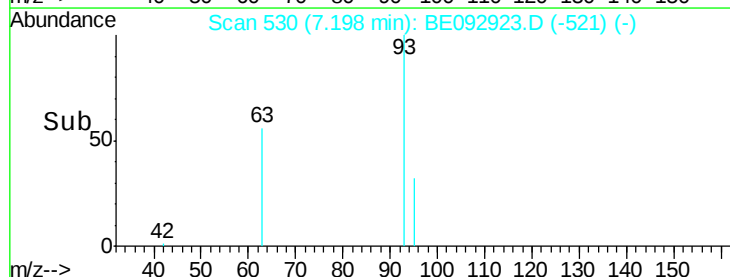
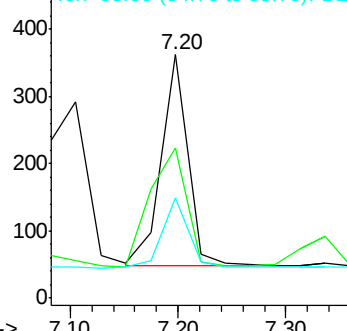
93 100

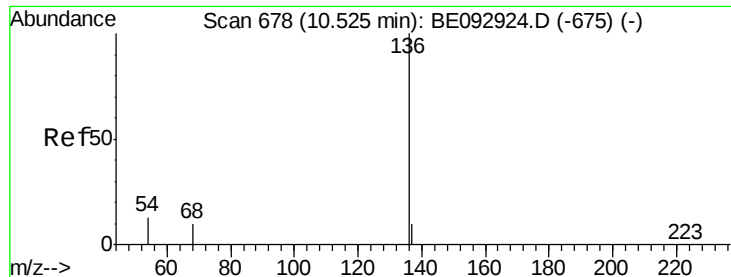
63 77.8 61.2 91.8

95 33.3 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: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 3021

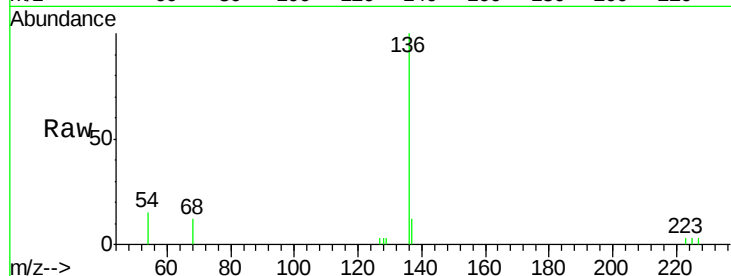
Ion Ratio Lower Upper

136 100

137 12.5 10.4 15.6

54 14.9 12.6 18.8

68 12.5 10.7 16.1

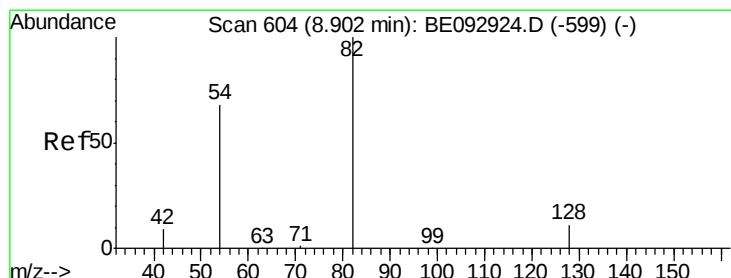
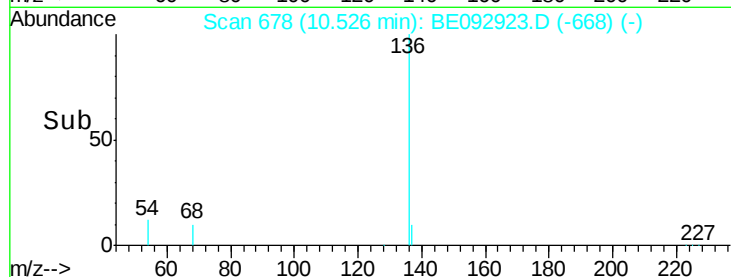
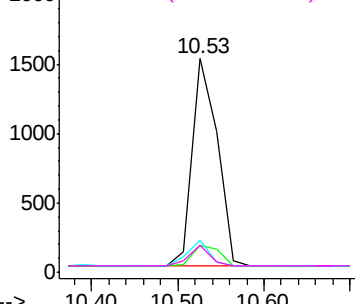


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.20 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

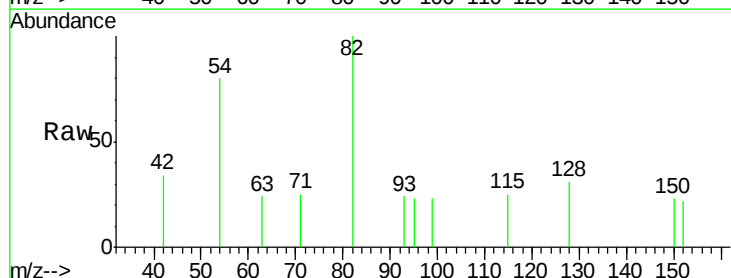
Tgt Ion: 82 Resp: 393

Ion Ratio Lower Upper

82 100

128 30.5 35.3 52.9#

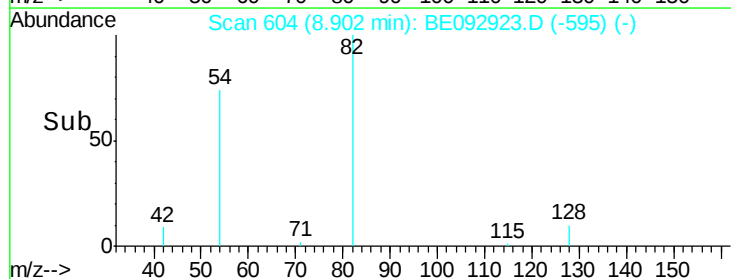
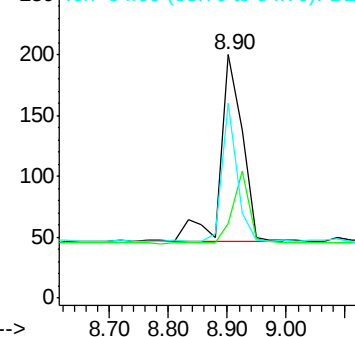
54 80.0 65.1 97.7

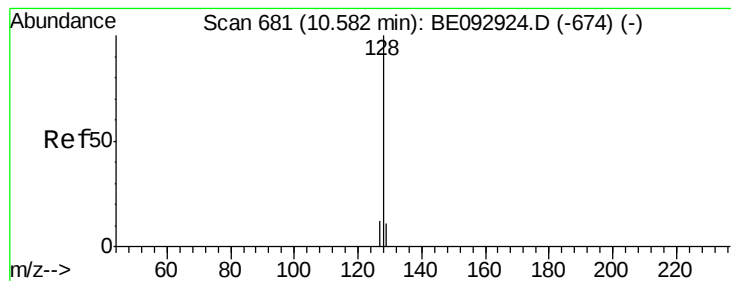


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.20 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

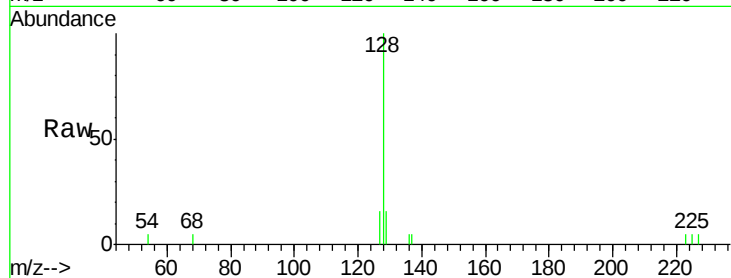
Tgt Ion:128 Resp: 1644

Ion Ratio Lower Upper

128 100

129 15.6 15.8 23.8#

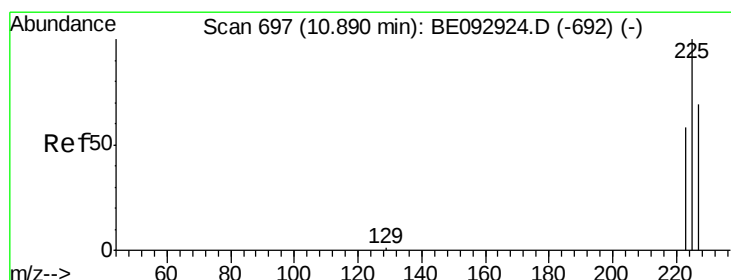
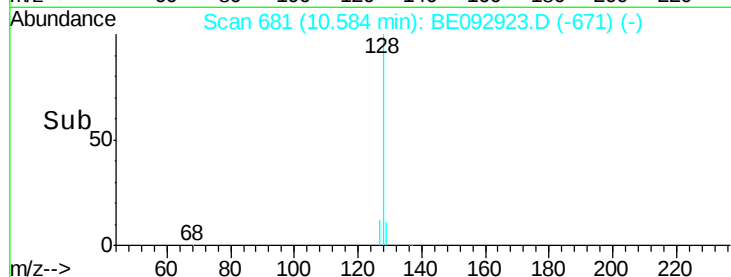
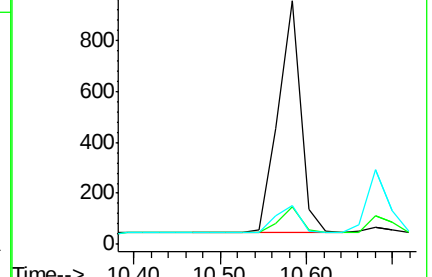
127 16.0 16.0 24.0



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

Hexachlorobutadiene

Concen: 0.20 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

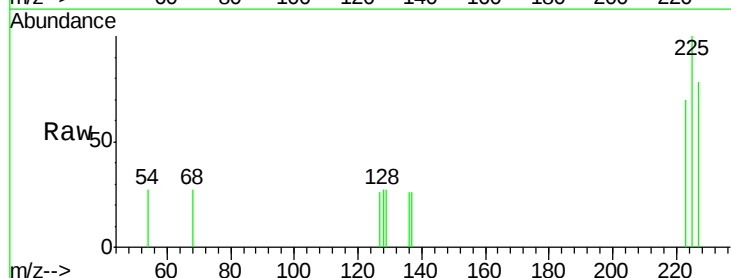
Tgt Ion:225 Resp: 223

Ion Ratio Lower Upper

225 100

223 66.8 55.4 83.2

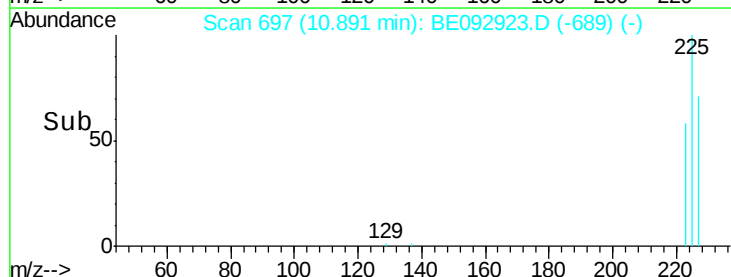
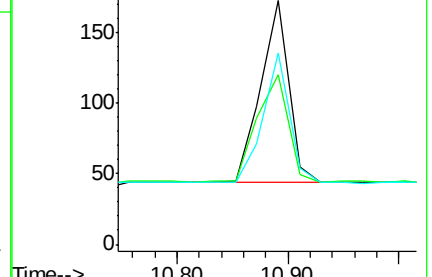
227 69.5 52.2 78.4

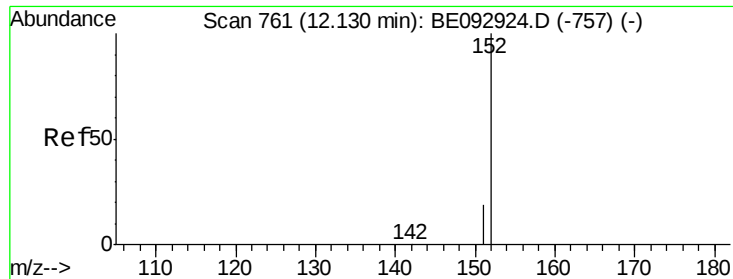


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

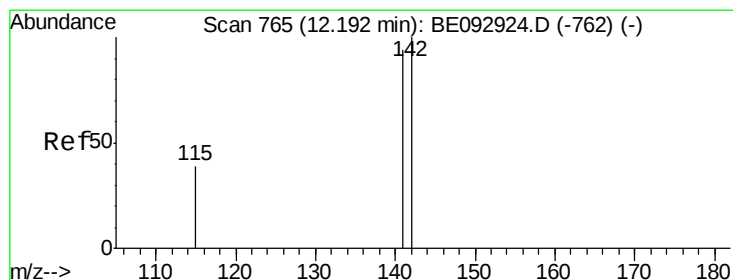
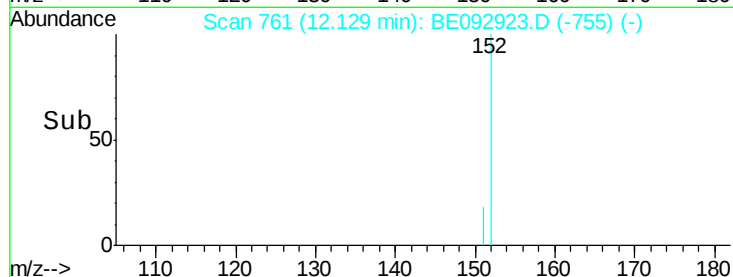
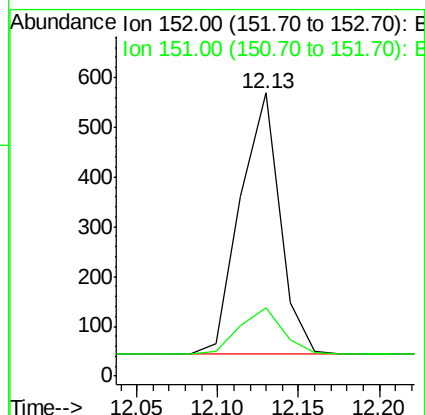
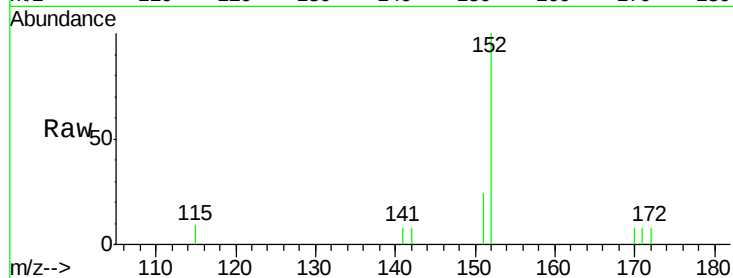




#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

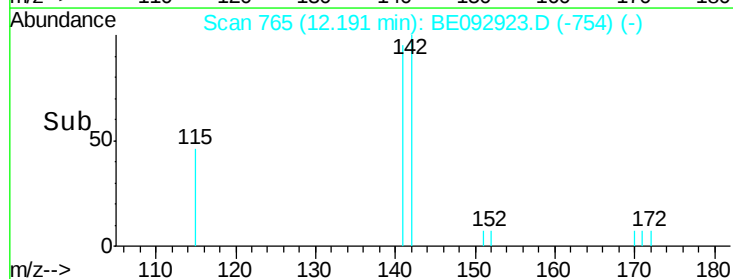
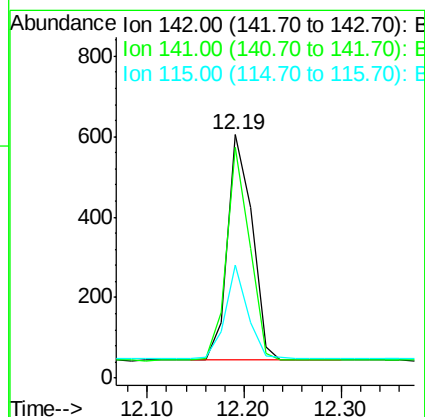
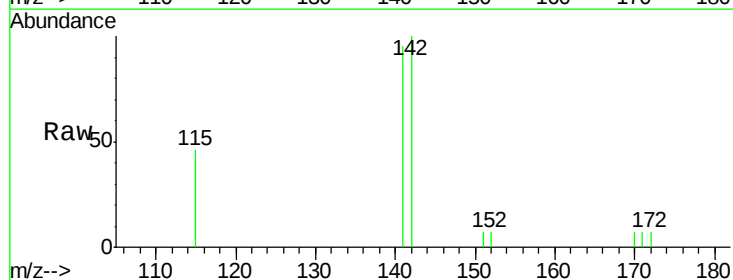
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

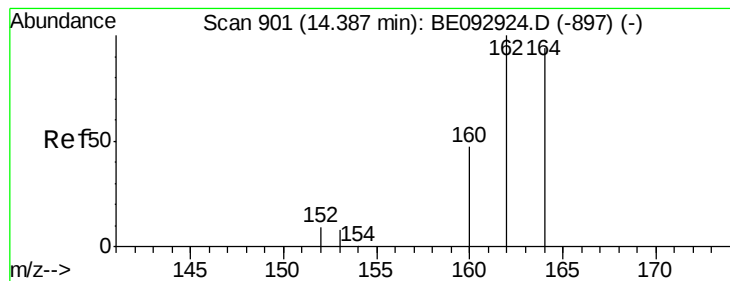
Tgt Ion:152 Resp: 893
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5



#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:142 Resp: 985
Ion Ratio Lower Upper
142 100
141 95.0 76.0 114.0
115 46.4 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: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

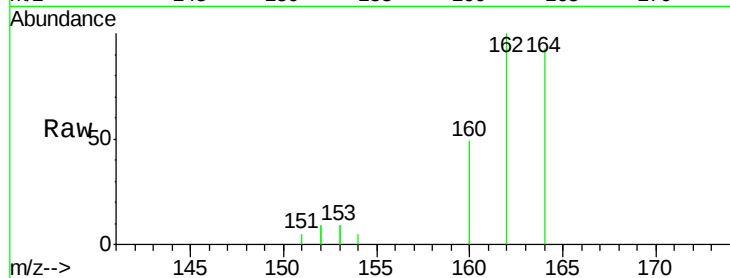
Tgt Ion:164 Resp: 1344

Ion Ratio Lower Upper

164 100

162 107.0 86.6 130.0

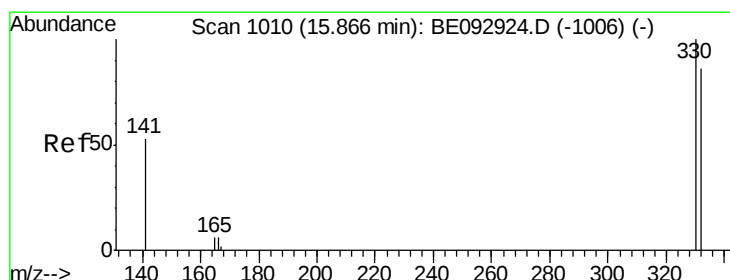
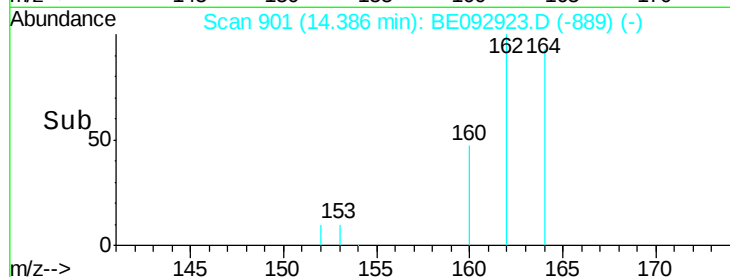
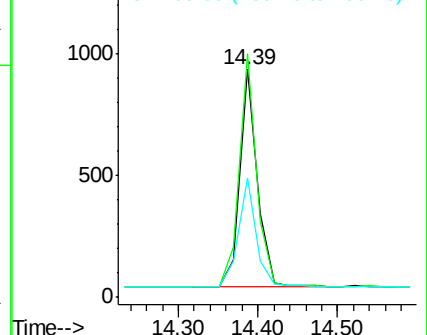
160 52.3 44.5 66.7



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



#14

2,4,6-Tribromophenol

Concen: 0.17 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

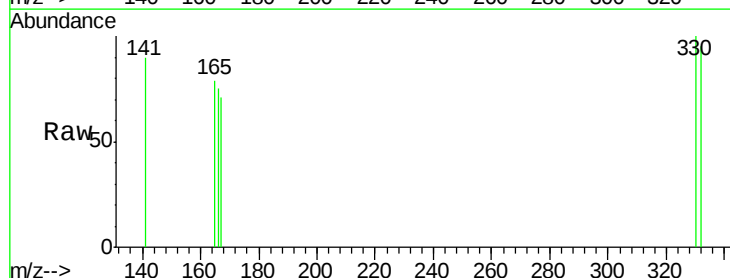
Tgt Ion:330 Resp: 38

Ion Ratio Lower Upper

330 100

332 94.7 69.1 103.7

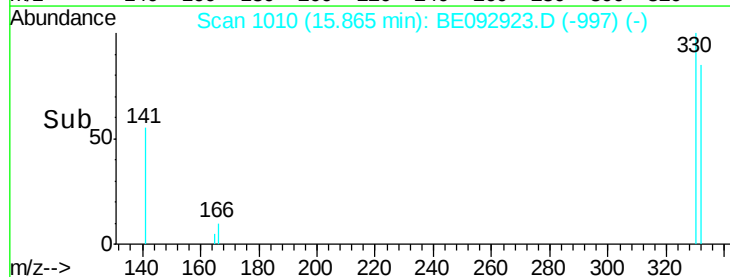
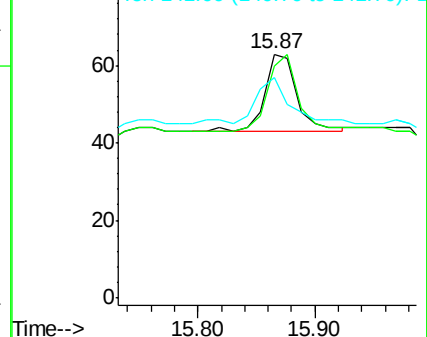
141 65.8 54.6 81.8

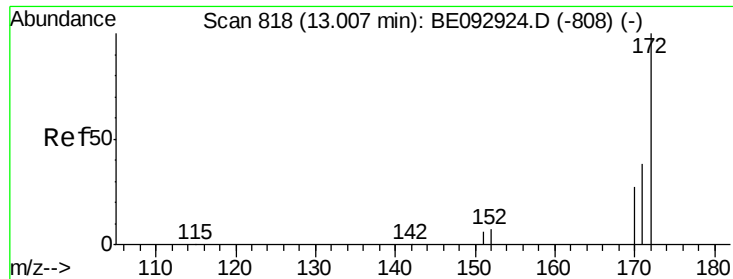


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

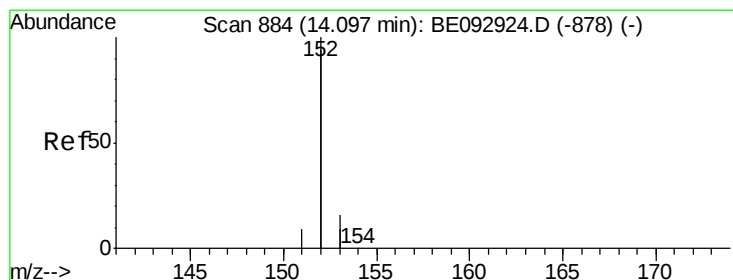
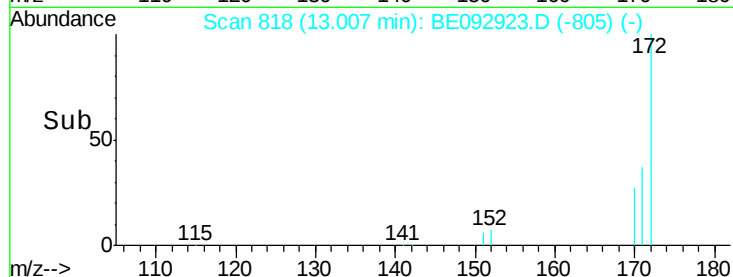
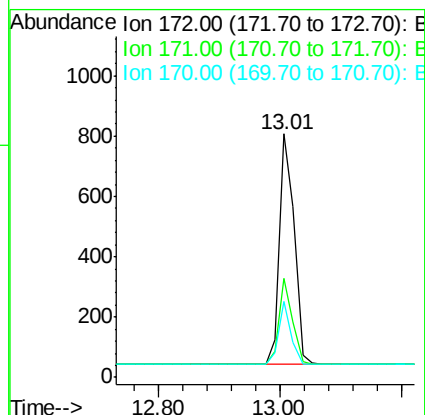
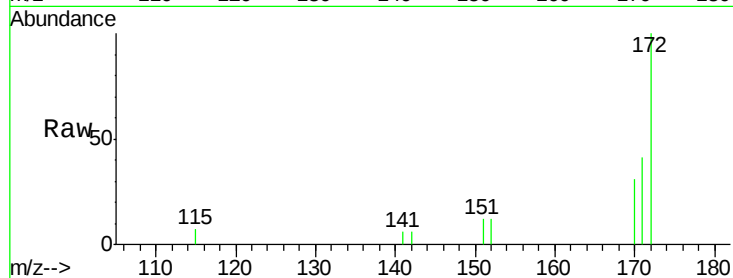




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

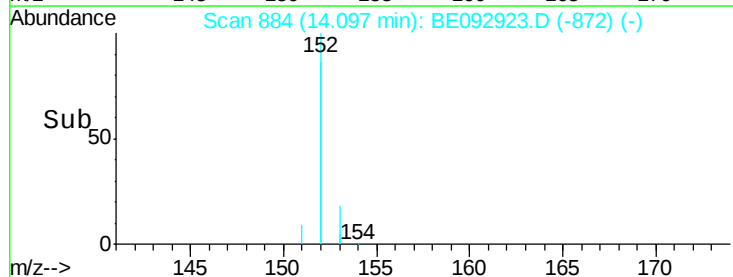
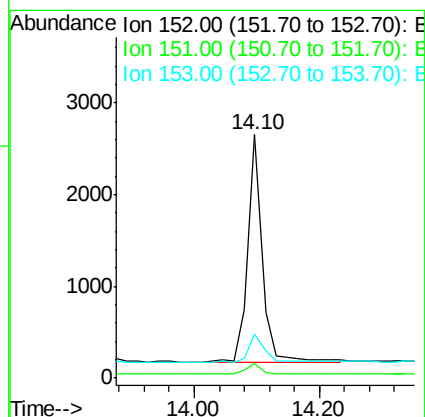
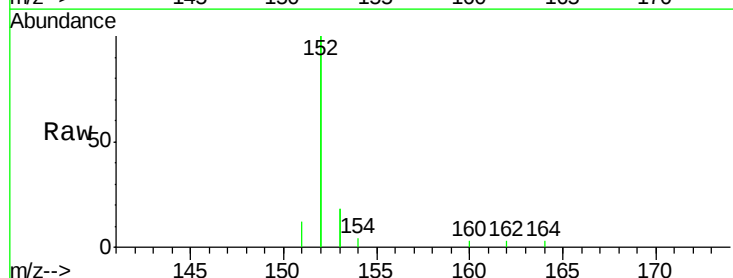
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

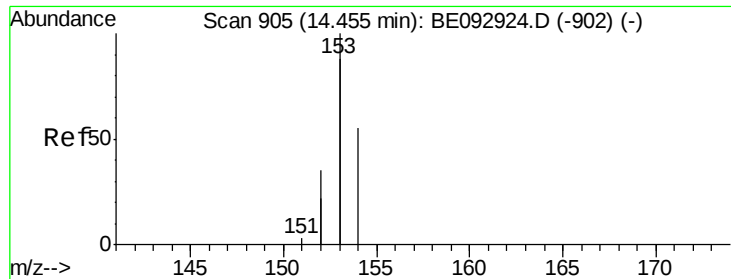
Tgt Ion:172 Resp: 1298
Ion Ratio Lower Upper
172 100
171 40.8 35.8 53.6
170 31.1 28.5 42.7



#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:152 Resp: 3949
Ion Ratio Lower Upper
152 100
151 5.0 3.8 5.8
153 13.6 10.0 15.0

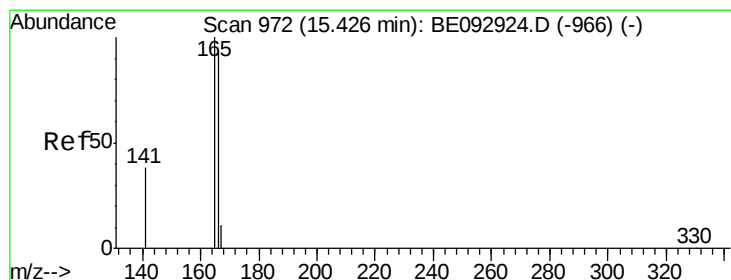
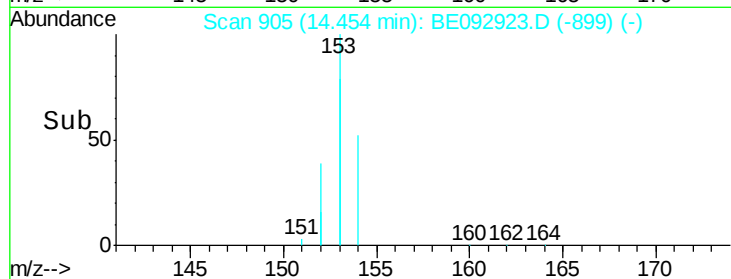
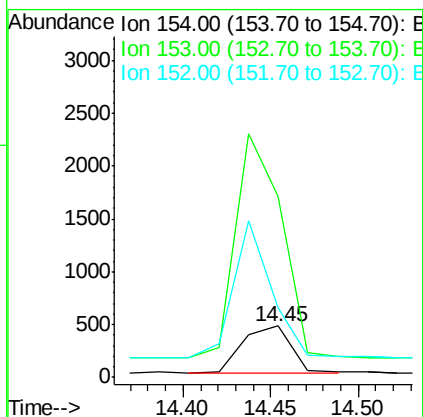
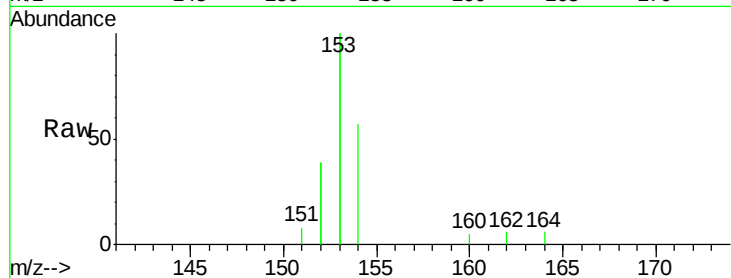




#17
Acenaphthene
Concen: 0.20 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

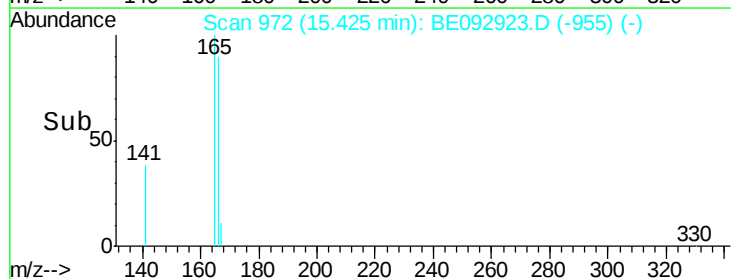
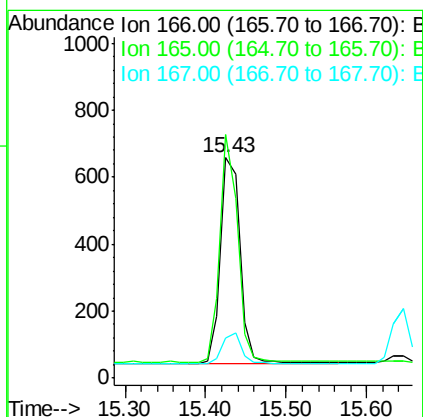
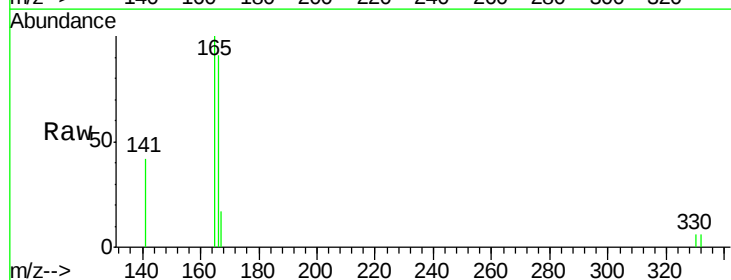
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

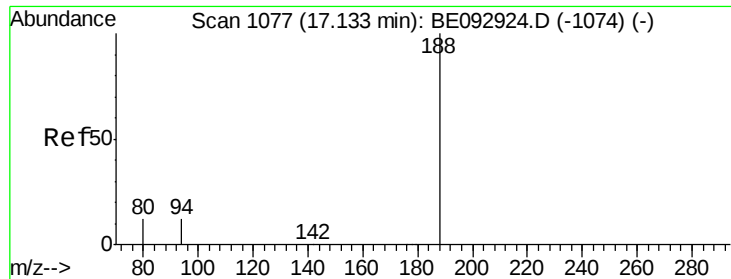
Tgt Ion:154 Resp: 846
Ion Ratio Lower Upper
154 100
153 463.4 355.6 533.4
152 233.5 177.8 266.8



#18
Fluorene
Concen: 0.20 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion:166 Resp: 1031
Ion Ratio Lower Upper
166 100
165 100.4 80.7 121.1
167 14.4 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

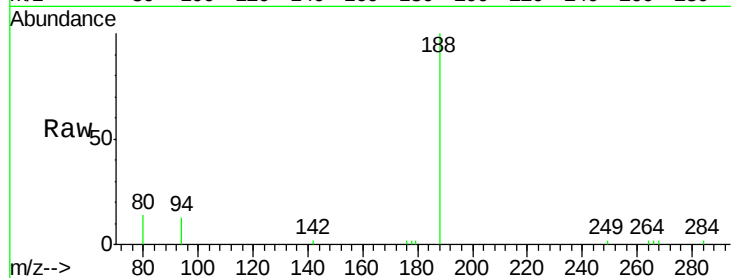
Tgt Ion:188 Resp: 3533

Ion Ratio Lower Upper

188 100

94 13.4 10.2 15.4

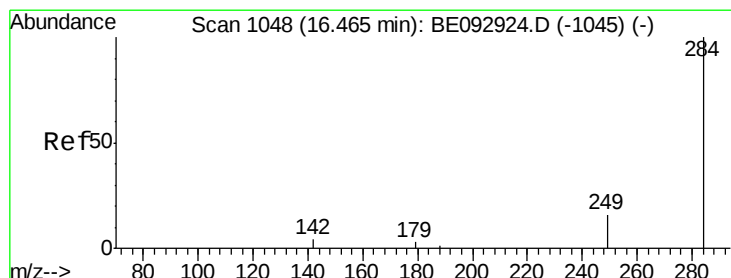
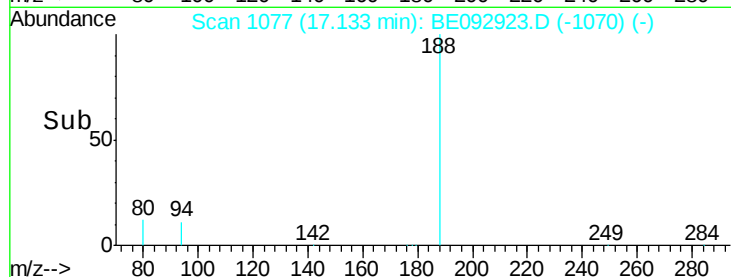
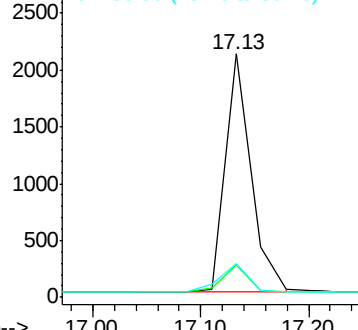
80 13.7 10.6 15.8



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: 0.19 ng

RT: 16.46 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

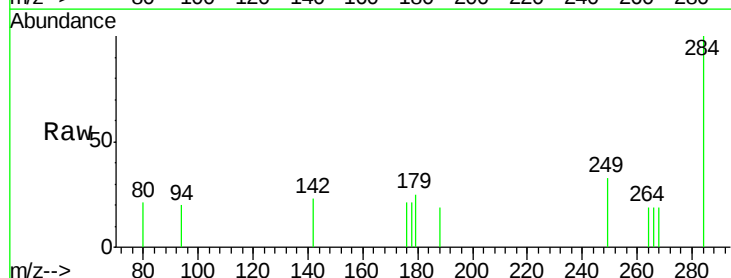
Tgt Ion:284 Resp: 304

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

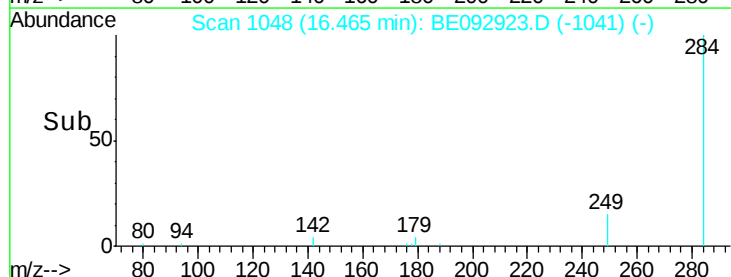
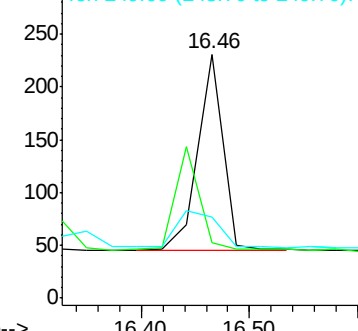
249 0.0 0.0 0.0

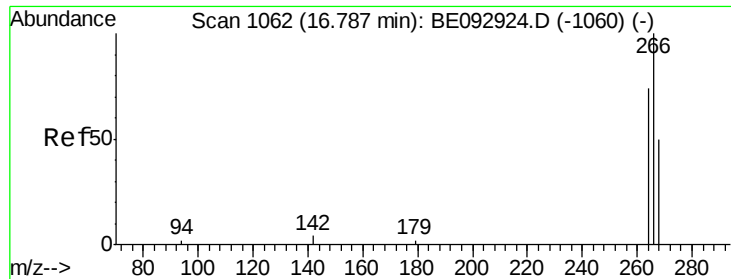


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

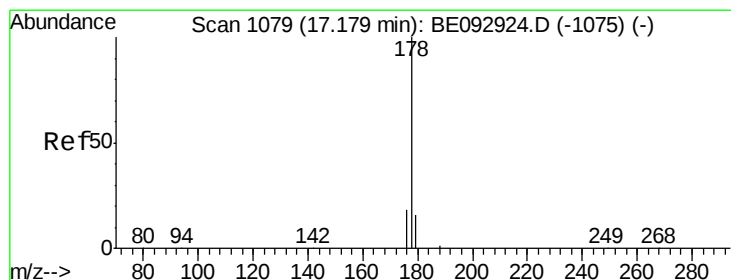
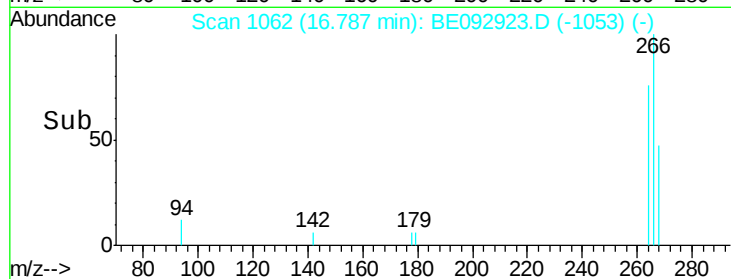
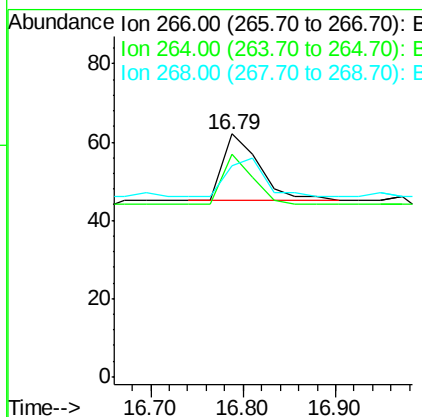
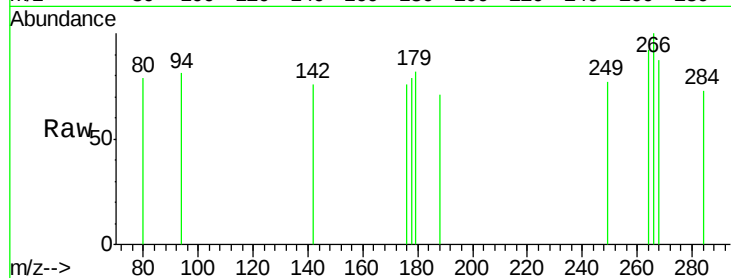




#21
 Pentachlorophenol
 Concen: 0.17 ng
 RT: 16.79 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

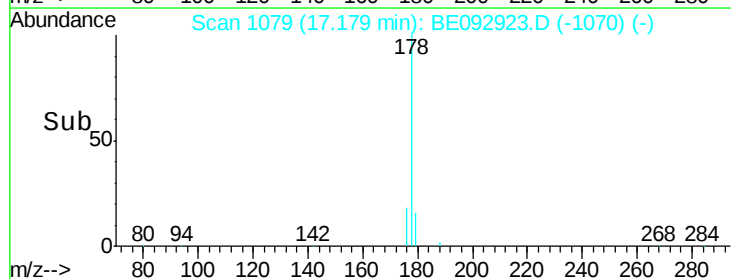
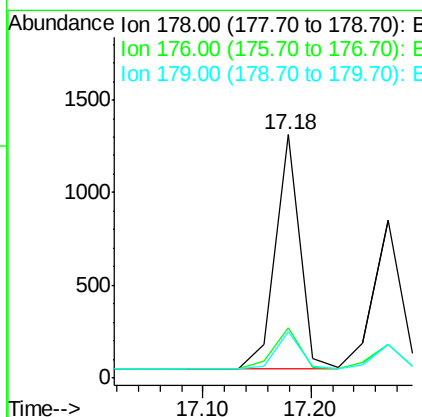
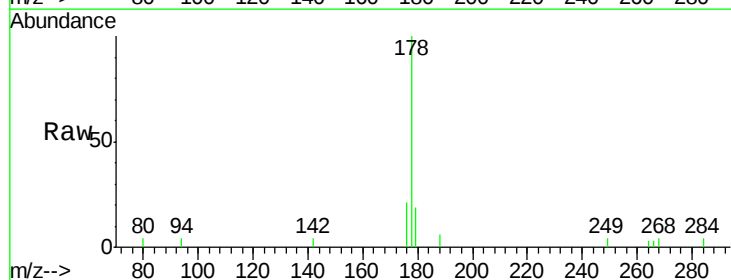
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

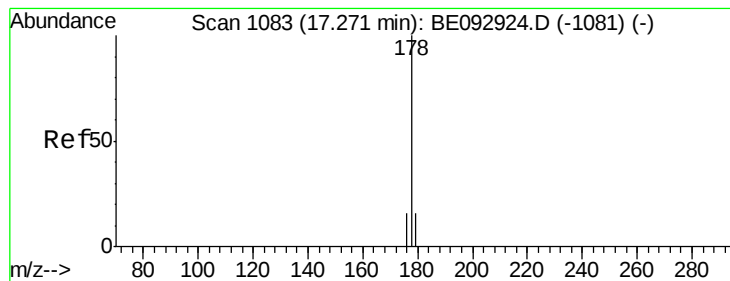
Tgt Ion: 266 Resp: 47
 Ion Ratio Lower Upper
 266 100
 264 91.9 75.4 113.2
 268 87.1 75.4 113.2



#22
 Phenanthrene
 Concen: 0.20 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

Tgt Ion: 178 Resp: 2036
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.2 21.4
 179 15.6 13.6 20.4





#23

Anthracene

Concen: 0.18 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

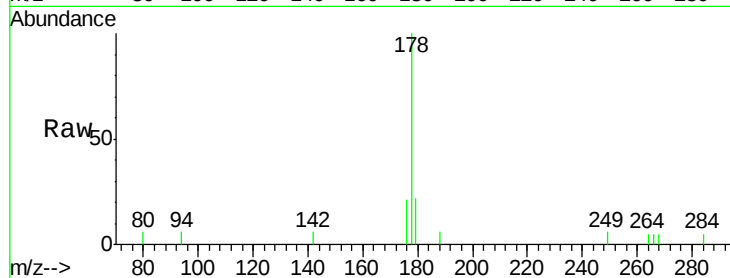
Tgt Ion:178 Resp: 1436

Ion Ratio Lower Upper

178 100

176 17.7 14.7 22.1

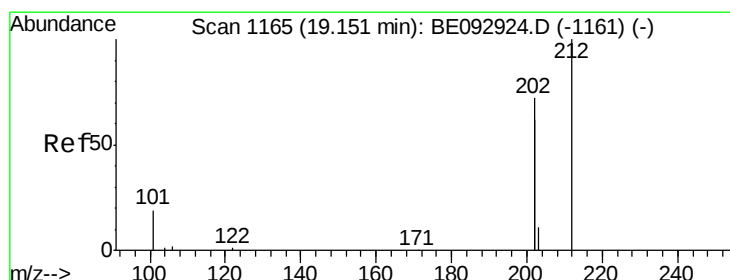
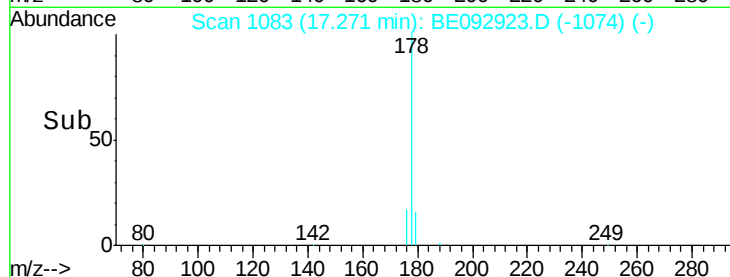
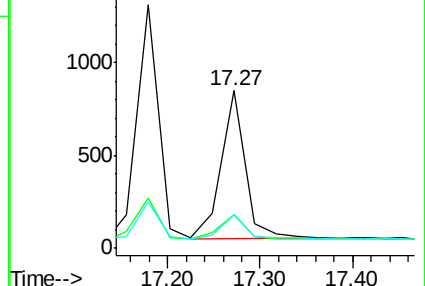
179 15.7 12.8 19.2



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: 0.19 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

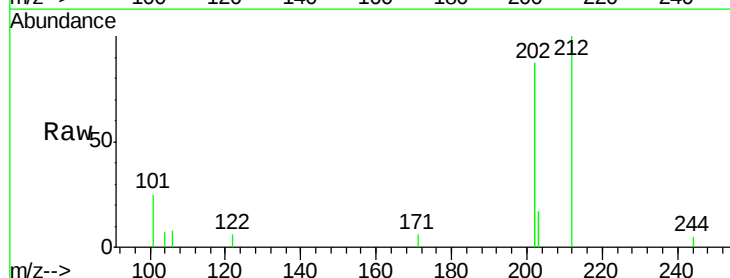
Tgt Ion:212 Resp: 1580

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

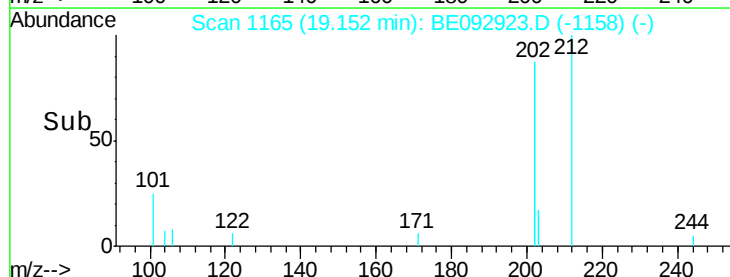
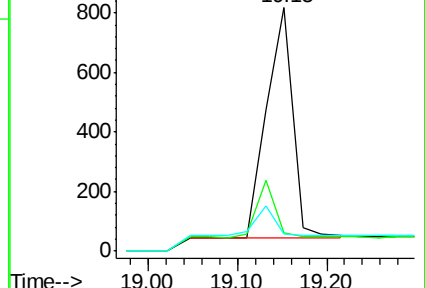
104 0.0 0.0 0.0

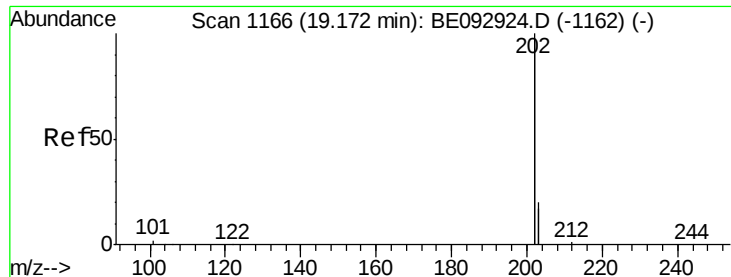


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.18 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

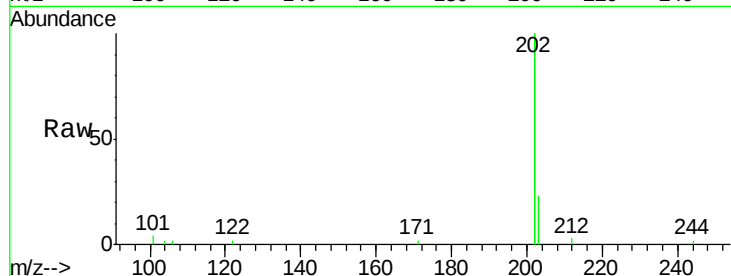
Tgt Ion:202 Resp: 7795

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

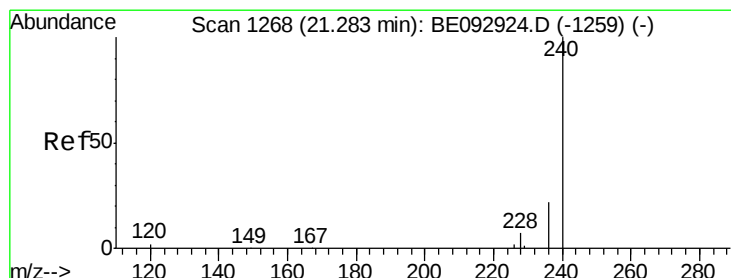
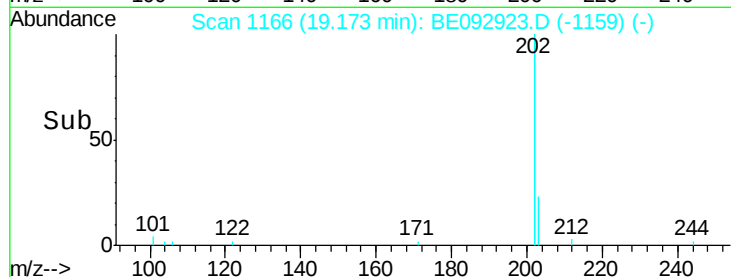
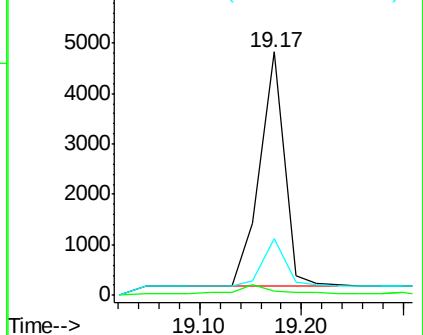
203 17.5 15.3 22.9



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: BE092923.D

Acq: 5 May 2017 10:28

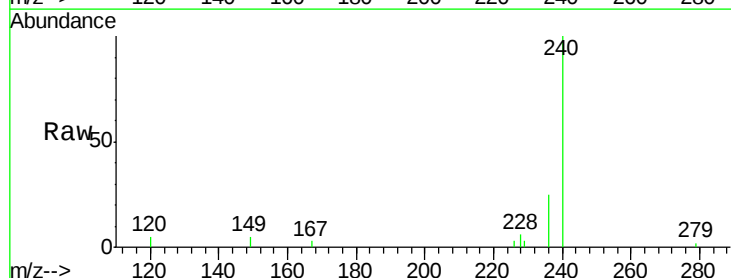
Tgt Ion:240 Resp: 3105

Ion Ratio Lower Upper

240 100

120 4.9 4.6 6.8

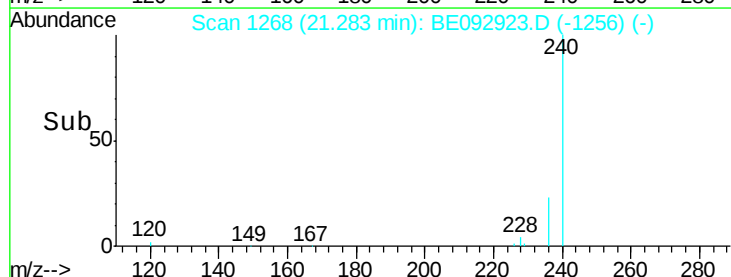
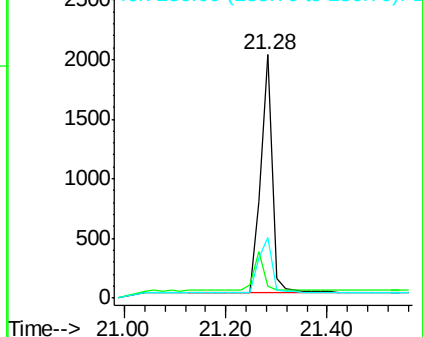
236 24.6 19.8 29.8

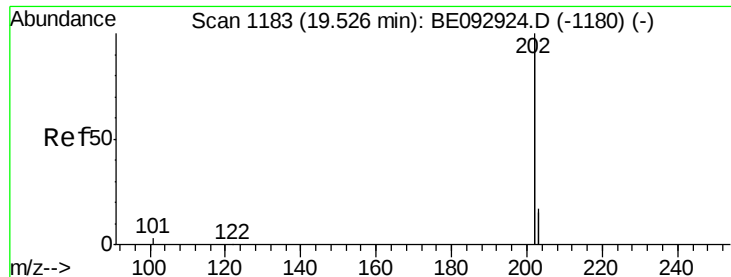


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

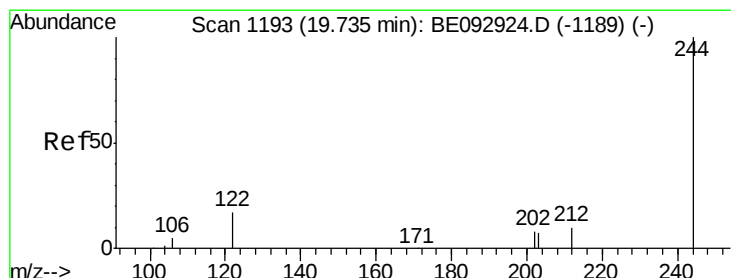
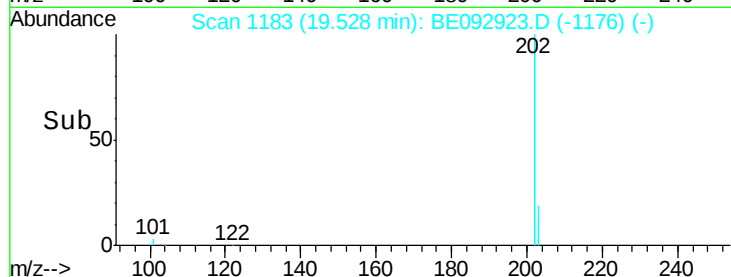
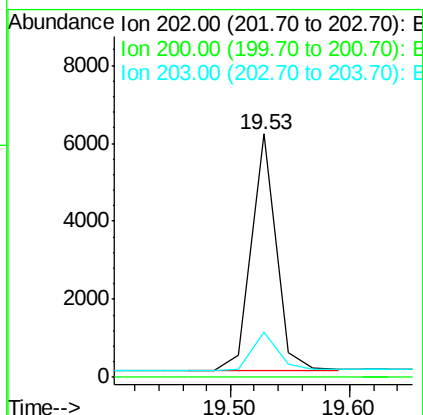
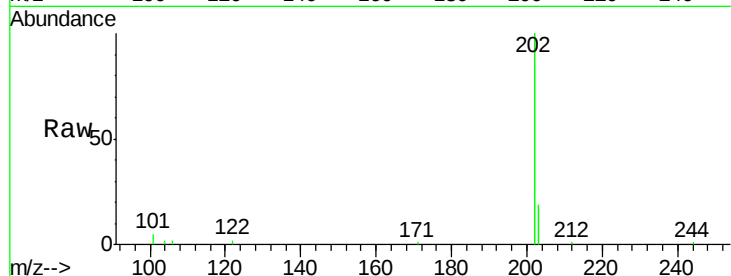




#27
 Pyrene
 Concen: 0.22 ng
 RT: 19.53 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

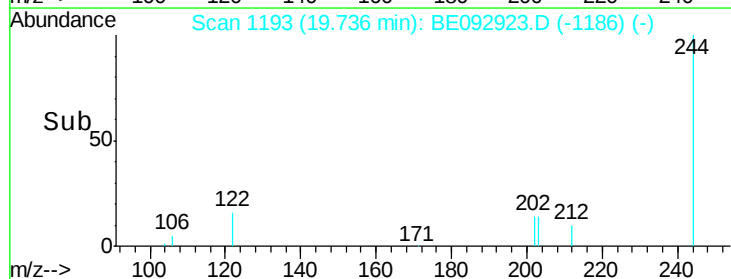
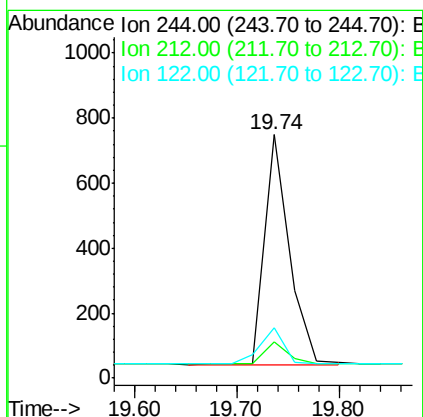
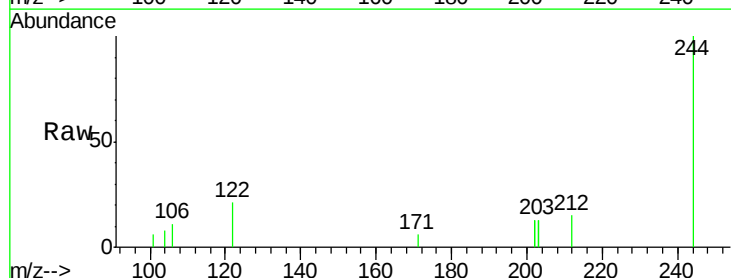
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

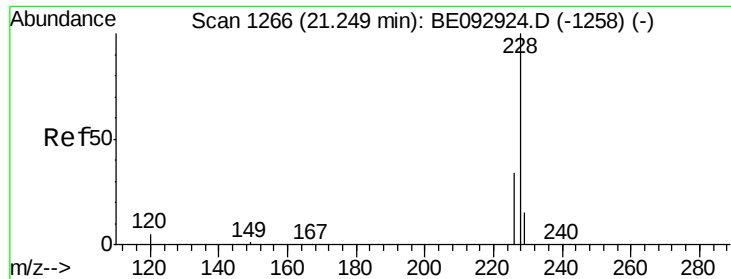
Tgt Ion: 202 Resp: 8771
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 17.1 13.5 20.3



#28
 Terphenyl-d14
 Concen: 0.22 ng
 RT: 19.74 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

Tgt Ion: 244 Resp: 1194
 Ion Ratio Lower Upper
 244 100
 212 15.0 18.4 27.6#
 122 21.0 23.3 34.9#





#29

Benzo(a)anthracene

Concen: 0.20 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

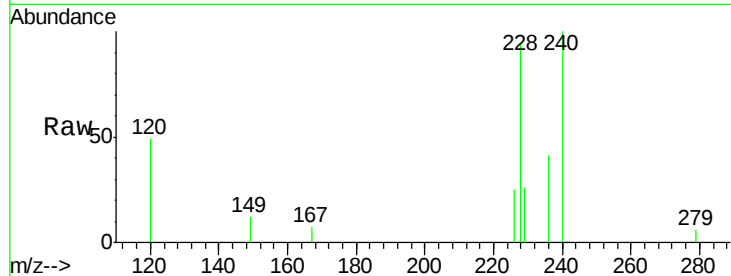
Tgt Ion:228 Resp: 1461

Ion Ratio Lower Upper

228 100

226 26.1 32.0 48.0#

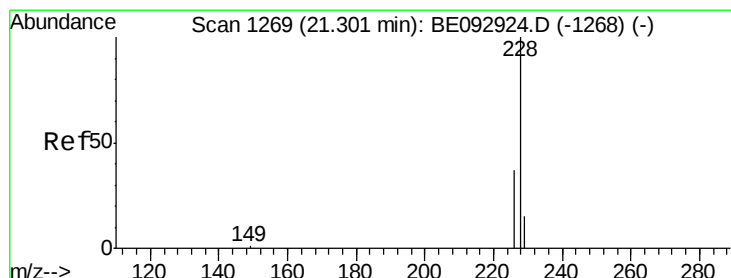
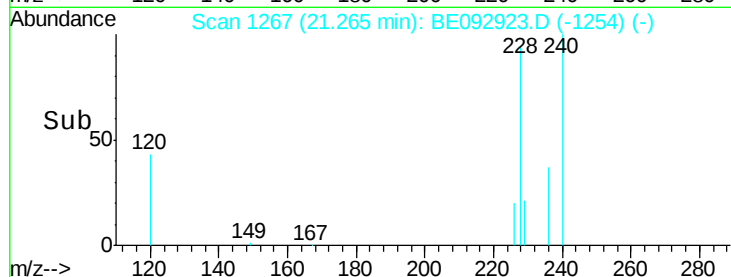
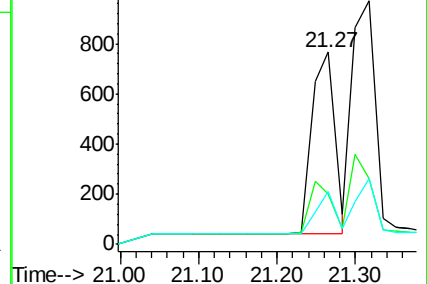
229 27.3 21.4 32.0



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: 0.21 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

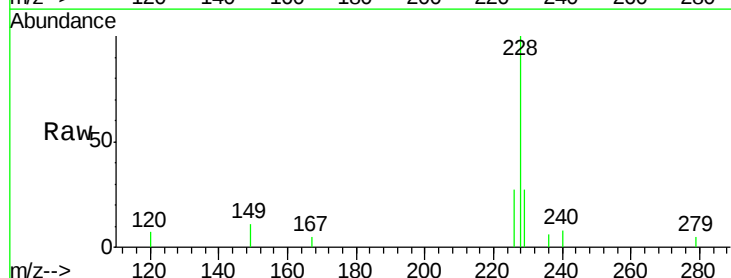
Tgt Ion:228 Resp: 1913

Ion Ratio Lower Upper

228 100

226 26.9 34.2 51.2#

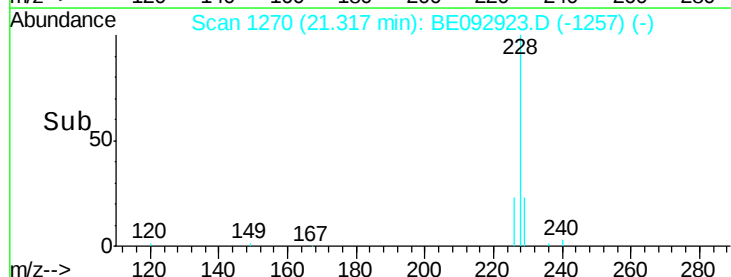
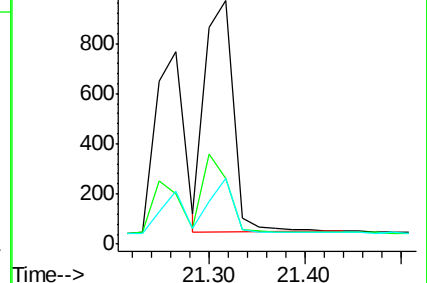
229 26.8 18.6 28.0

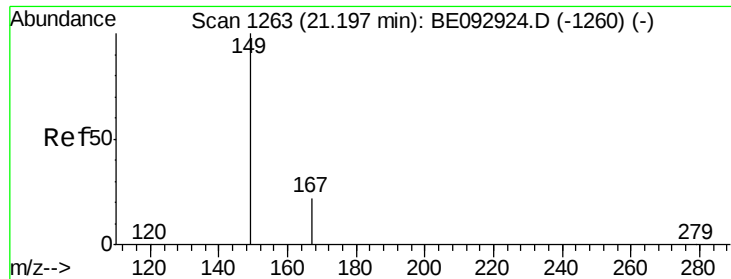


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

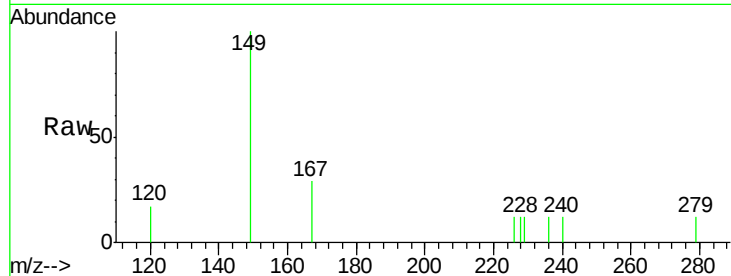




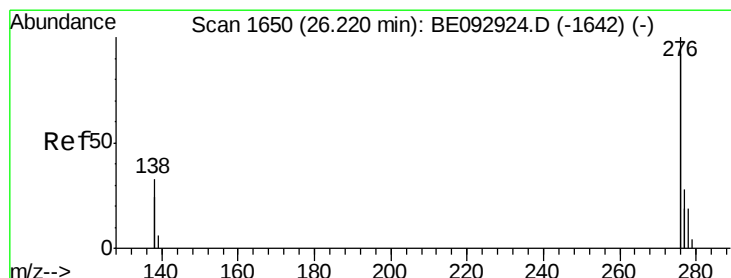
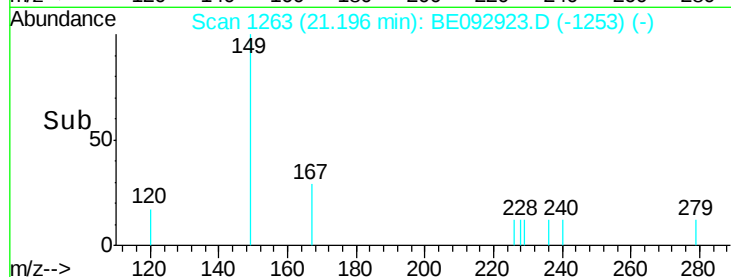
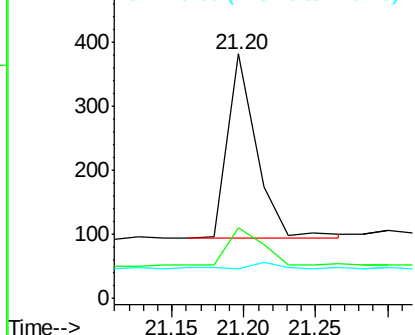
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 149 Resp: 408
 Ion Ratio Lower Upper
 149 100
 167 23.0 20.9 31.3
 279 0.0 0.0 0.0

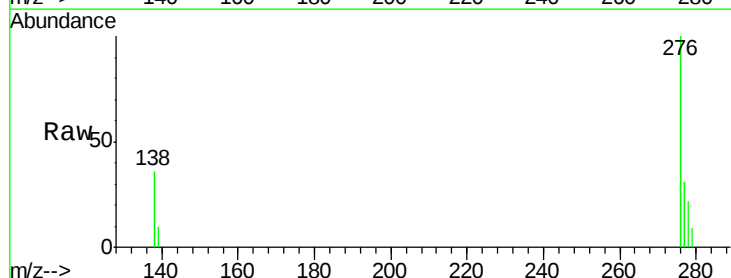


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

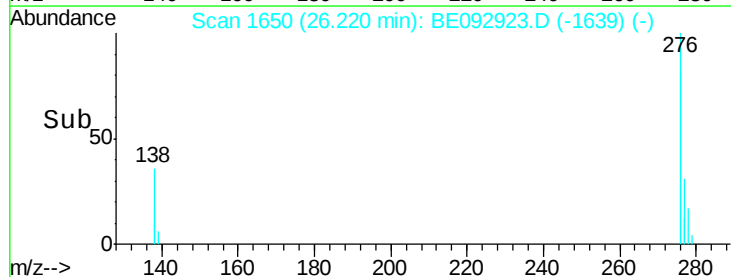
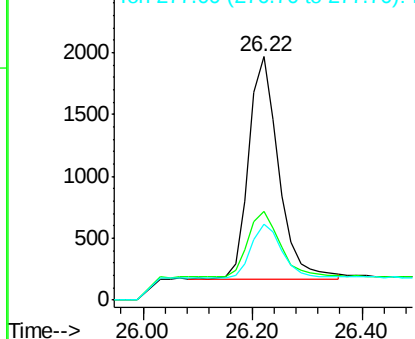


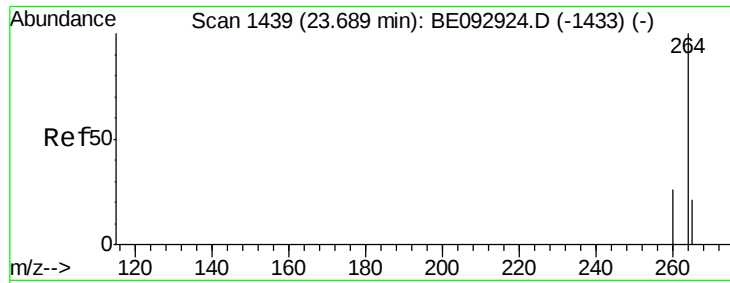
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.22 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BE092923.D
 Acq: 5 May 2017 10:28

Tgt Ion: 276 Resp: 6811
 Ion Ratio Lower Upper
 276 100
 138 32.2 25.8 38.6
 277 25.3 20.2 30.4



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





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

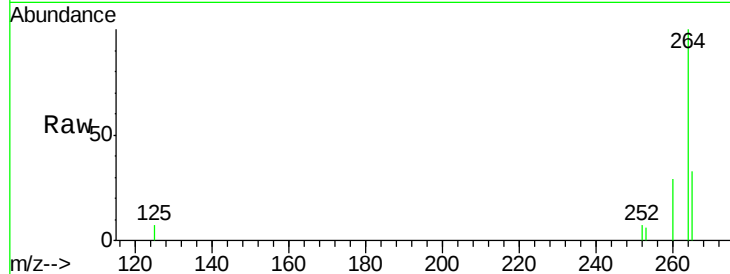
Tgt Ion:264 Resp: 2588

Ion Ratio Lower Upper

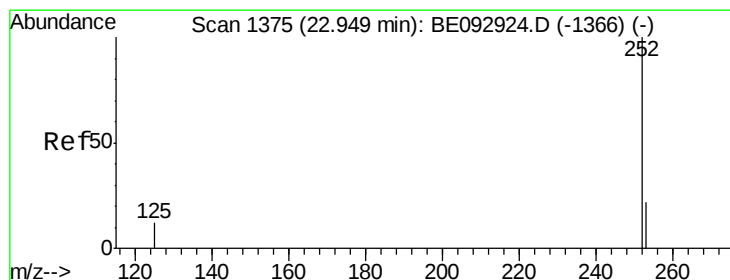
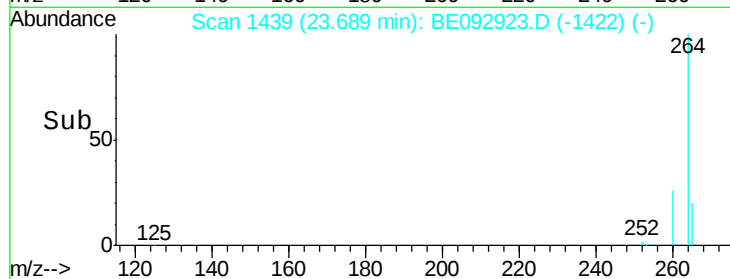
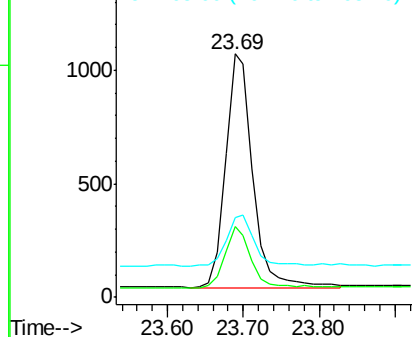
264 100

260 29.3 23.5 35.3

265 32.8 27.2 40.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#34

Benzo(b)fluoranthene

Concen: 0.17 ng

RT: 22.99 min Scan# 1379

Delta R.T. 0.05 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

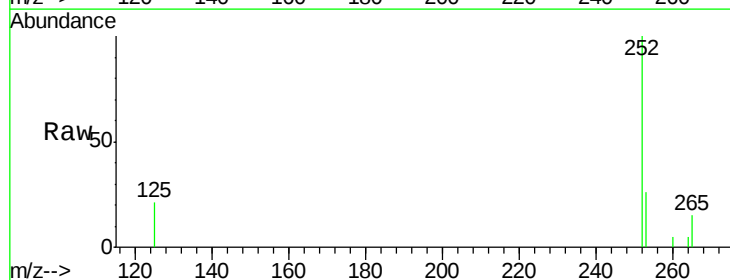
Tgt Ion:252 Resp: 1572

Ion Ratio Lower Upper

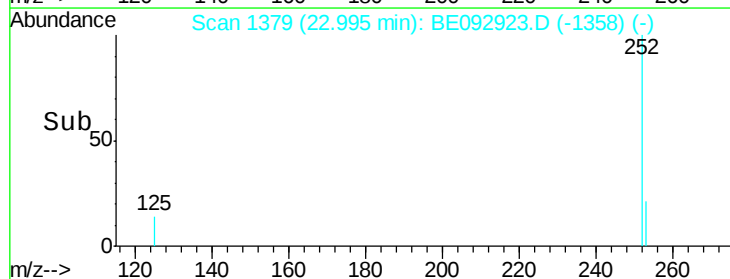
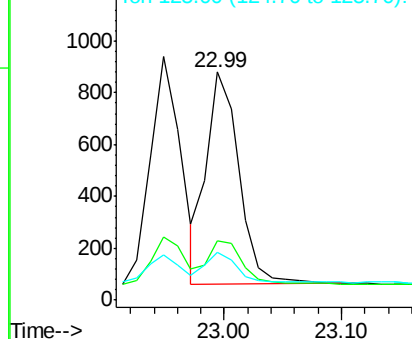
252 100

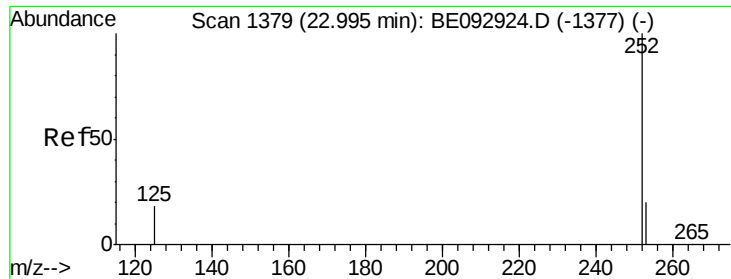
253 26.1 24.7 37.1

125 21.0 20.3 30.5



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

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 22.99 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

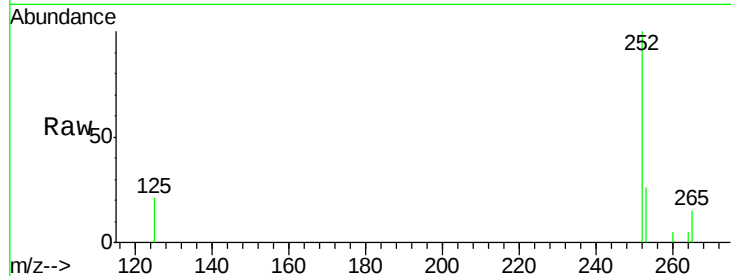
Tgt Ion:252 Resp: 1609

Ion Ratio Lower Upper

252 100

253 26.1 25.8 38.8

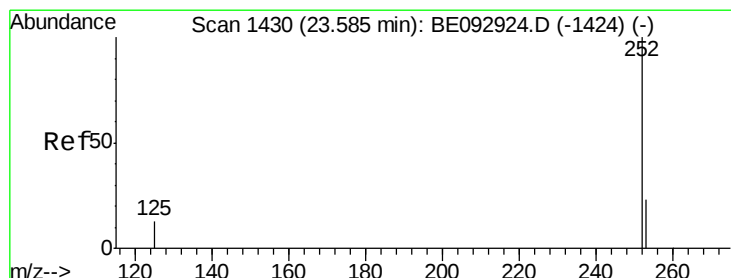
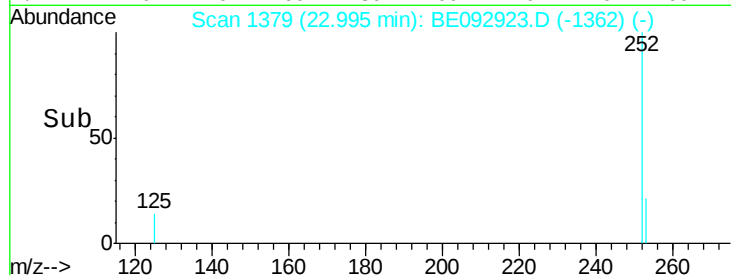
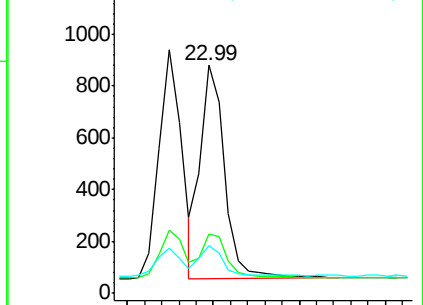
125 21.0 22.9 34.3#



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: 0.18 ng

RT: 23.58 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE092923.D

Acq: 5 May 2017 10:28

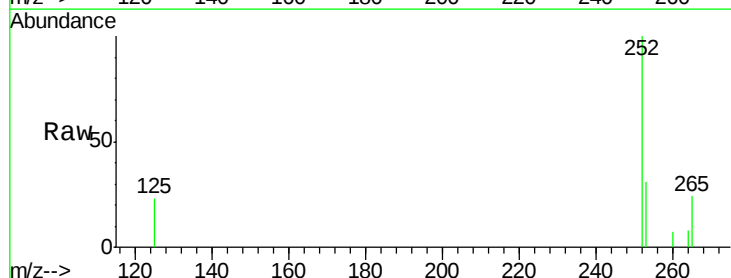
Tgt Ion:252 Resp: 1321

Ion Ratio Lower Upper

252 100

253 31.0 31.3 46.9#

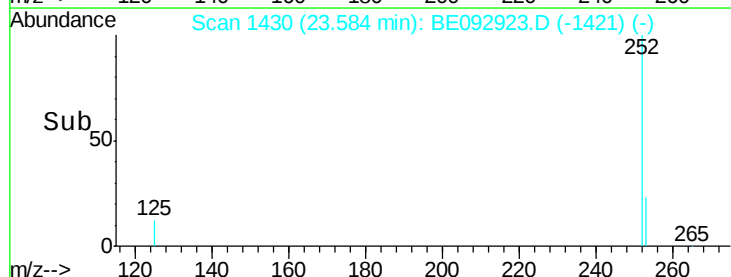
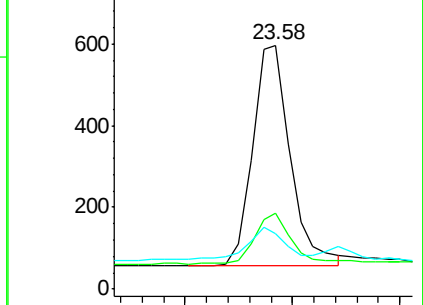
125 22.8 26.4 39.6#

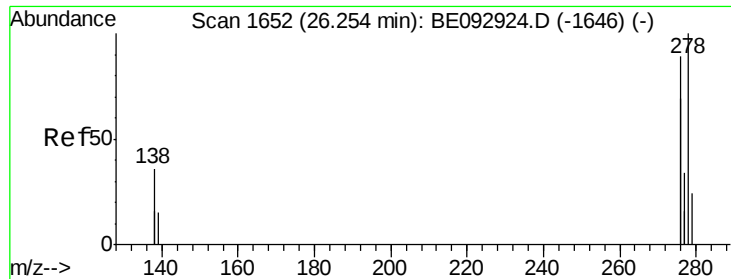


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



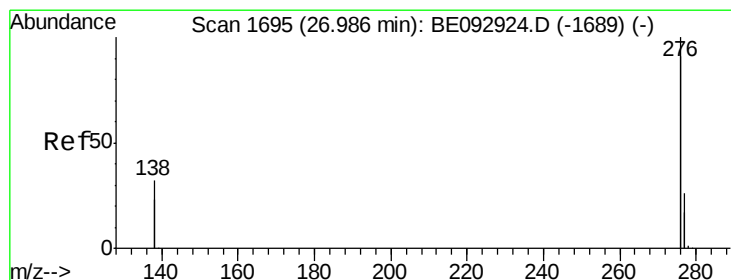
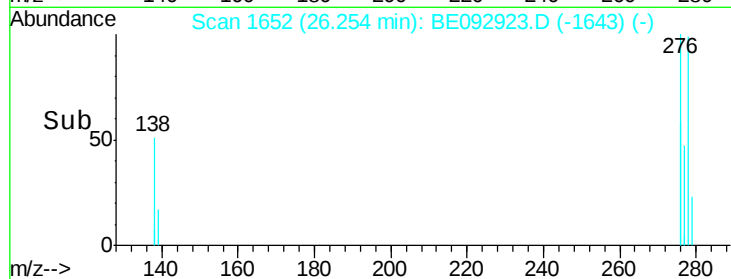
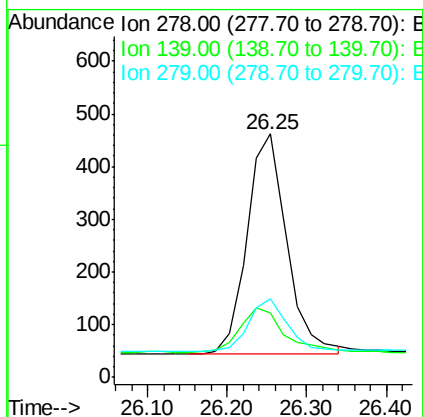
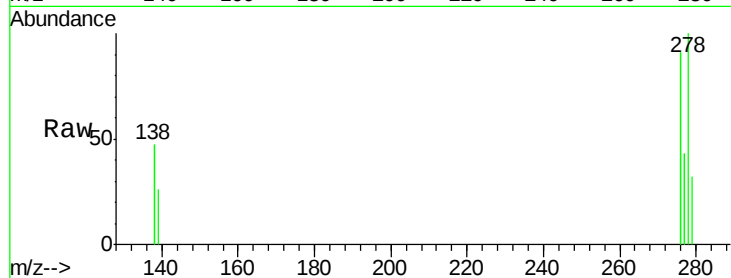


#37
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 278 Resp: 1458

Ion	Ratio	Lower	Upper
278	100		
139	26.4	27.4	41.2#
279	32.0	33.3	49.9#



#38
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 26.99 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE092923.D
Acq: 5 May 2017 10:28

Tgt Ion: 276 Resp: 6484

Ion	Ratio	Lower	Upper
276	100		
277	29.3	29.9	44.9#
138	35.0	34.6	51.8

