

Data File : BE092920.D
Acq On : 27 Apr 2017 18:29
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 28 04:06:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	668	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2778	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1291	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3295	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3293	0.40	ng	0.00
33) Perylene-d12	23.69	264	3163	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	560	0.39	ng	0.00
5) Phenol-d6	6.94	99	774	0.38	ng	0.00
8) Nitrobenzene-d5	8.90	82	719	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1547	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	63	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2218	0.37	ng	0.00
24) Fluoranthene-d10	19.15	212	2855	0.36	ng	0.00
28) Terphenyl-d14	19.74	244	2140	0.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	481	0.38	ng	99
3) n-Nitrosodimethylamine	3.61	42	380	0.39	ng	# 82
6) bis(2-Chloroethyl)ether	7.20	93	918	0.37	ng	100
9) Naphthalene	10.58	128	2761	0.37	ng	# 88
10) Hexachlorobutadiene	10.89	225	386	0.38	ng	95
12) 2-Methylnaphthalene	12.19	142	1699	0.37	ng	97
16) Acenaphthylene	14.10	152	7193	0.35	ng	98
17) Acenaphthene	14.44	154	1480	0.36	ng	93
18) Fluorene	15.43	166	1797	0.36	ng	98
20) Hexachlorobenzene	16.47	284	510	0.35	ng	# 100
21) Pentachlorophenol	16.79	266	106	0.45	ng	85
22) Phenanthrene	17.18	178	3246	0.34	ng	98
23) Anthracene	17.27	178	2472	0.34	ng	99
25) Fluoranthene	19.17	202	14318	0.35	ng	# 98
27) Pyrene	19.53	202	15373	0.36	ng	# 99
29) Benzo(a)anthracene	21.27	228	2789	0.36	ng	# 83
30) Chrysene	21.32	228	3640	0.37	ng	# 81
31) Bis(2-ethylhexyl)phthalate	21.20	149	760	0.38	ng	# 96
32) Indeno(1,2,3-cd)pyrene	26.22	276	14719	0.46	ng	98
34) Benzo(b)fluoranthene	22.95	252	3224	0.29	ng	# 84
35) Benzo(k)fluoranthene	22.99	252	3563	0.32	ng	# 84
36) Benzo(a)pyrene	23.58	252	2806	0.31	ng	# 77
37) Dibenzo(a,h)anthracene	26.25	278	3273	0.33	ng	# 78
38) Benzo(g,h,i)perylene	26.99	276	14123	0.33	ng	# 81

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

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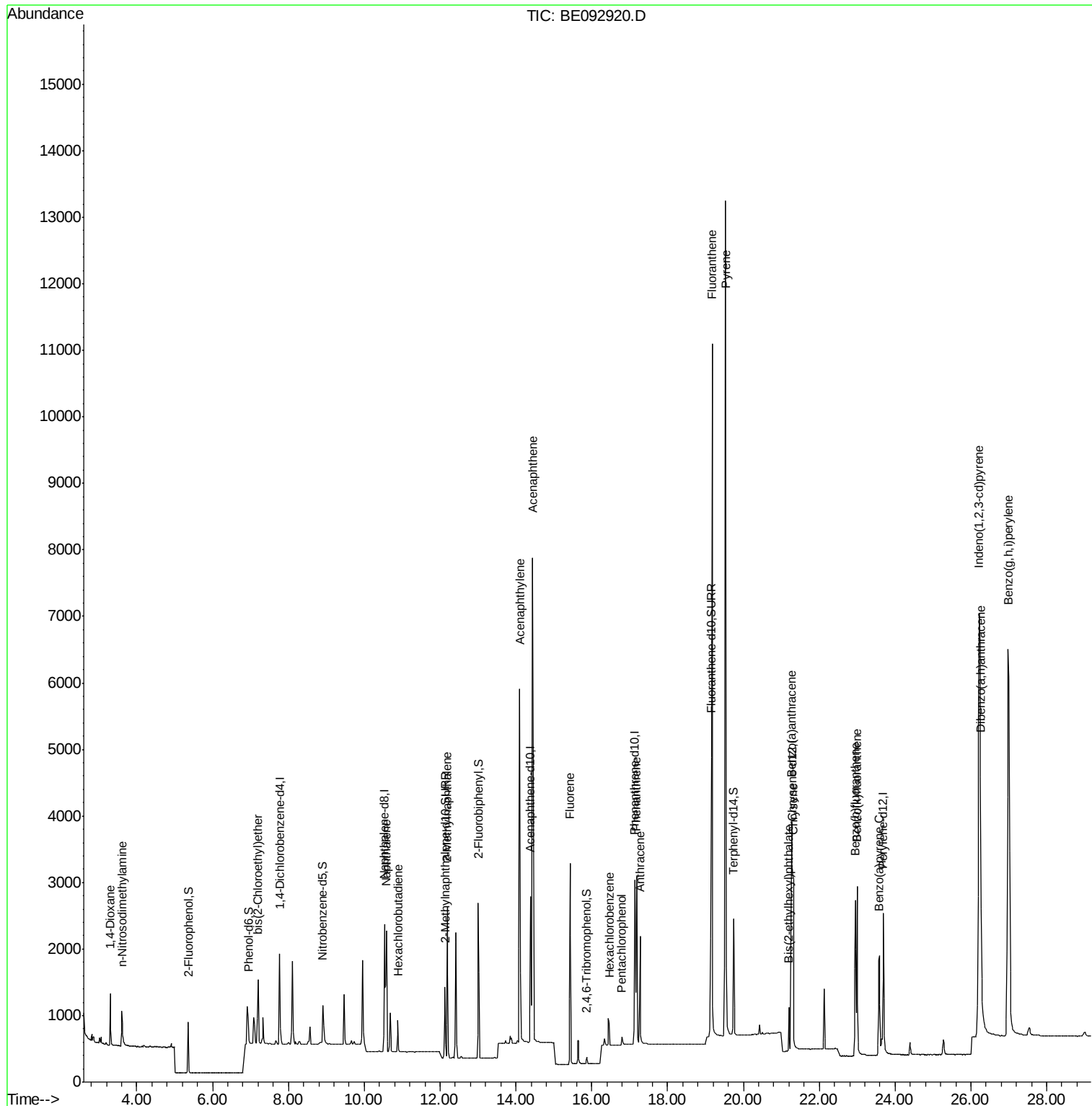
Quant Time: Apr 28 04:06:03 2017

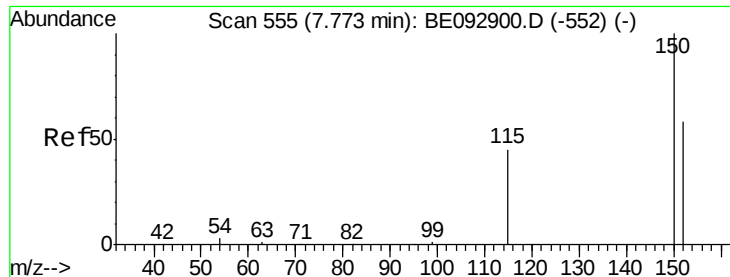
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M

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QLast Update : Thu Apr 20 17:35:10 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: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

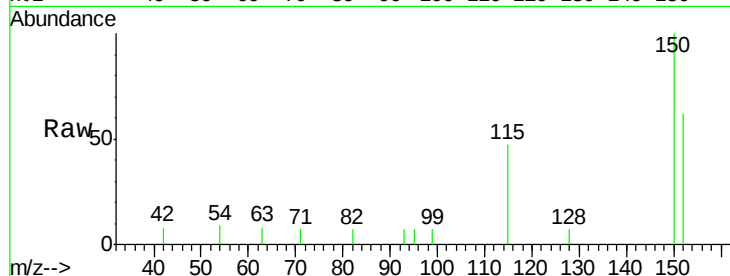
Tgt Ion:152 Resp: 668

Ion Ratio Lower Upper

152 100

150 160.0 129.9 194.9

115 74.5 62.6 93.8



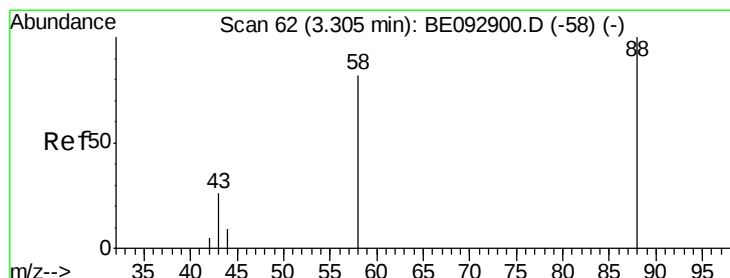
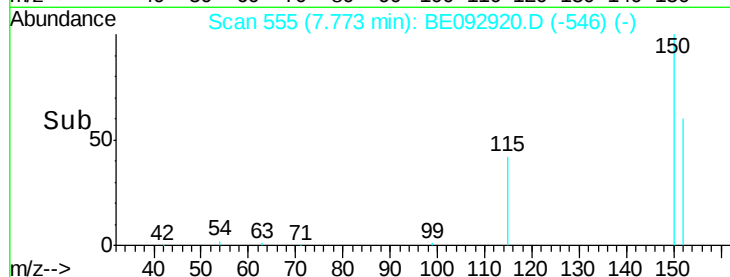
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.77

Time-->



#2

1,4-Dioxane

Concen: 0.38 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

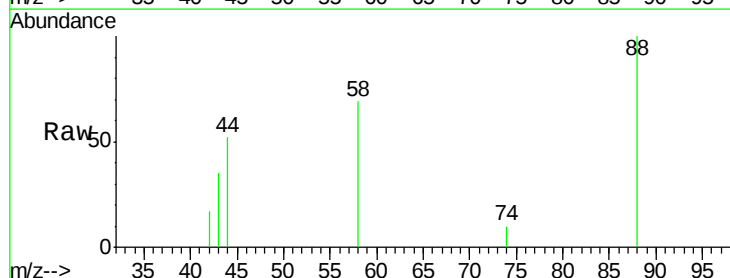
Tgt Ion: 88 Resp: 481

Ion Ratio Lower Upper

88 100

58 80.0 64.9 97.3

43 33.9 26.6 40.0



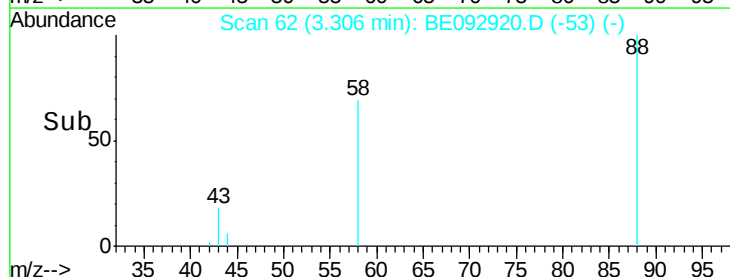
Abundance Ion 88.00 (87.70 to 88.70): BE0

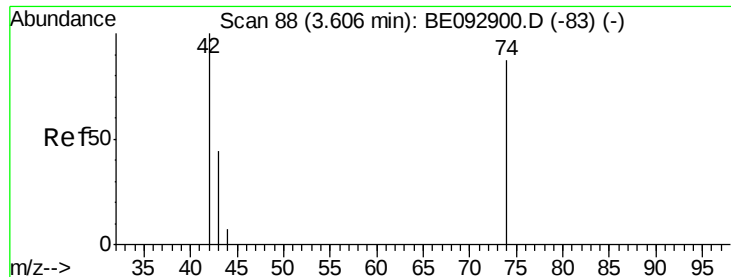
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.31

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

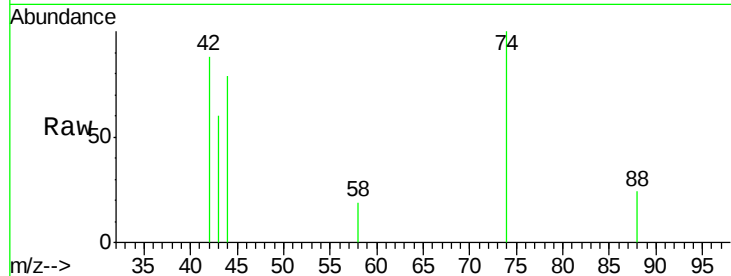
Tgt Ion: 42 Resp: 380

Ion Ratio Lower Upper

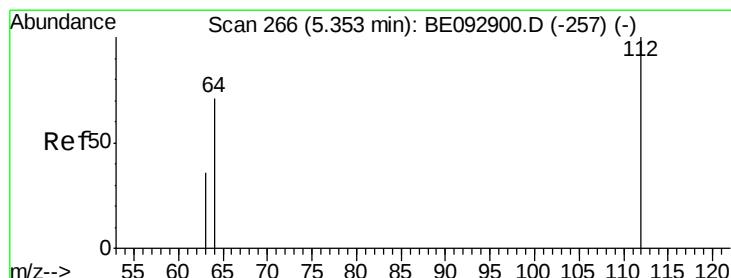
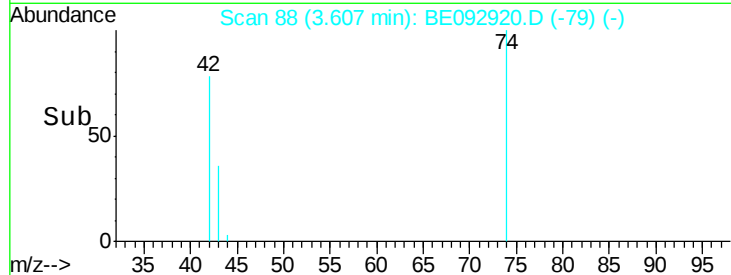
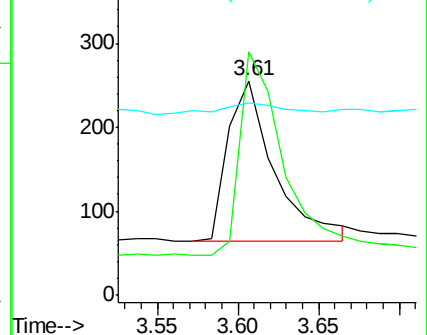
42 100

74 118.9 106.6 160.0

44 9.2 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: 0.39 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

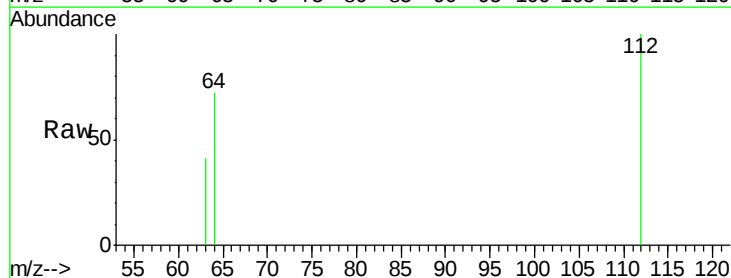
Tgt Ion: 112 Resp: 560

Ion Ratio Lower Upper

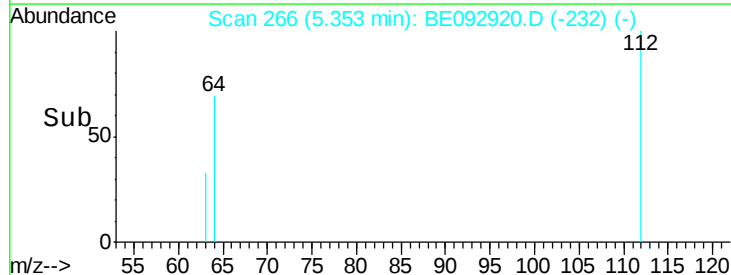
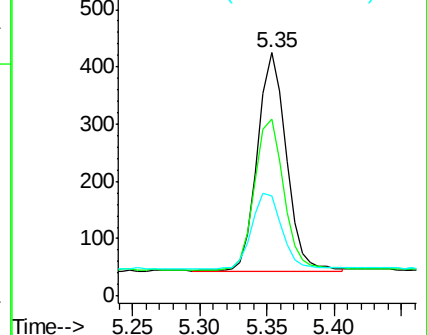
112 100

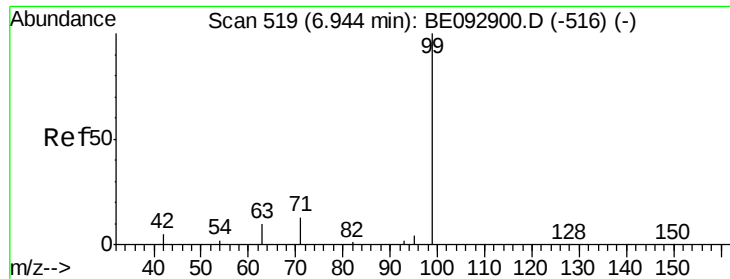
64 70.5 52.6 79.0

63 35.7 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: 0.38 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

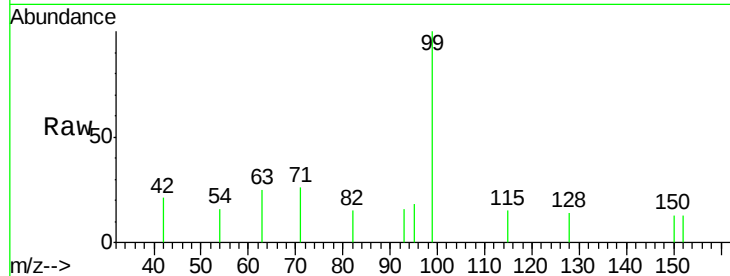
Tgt Ion: 99 Resp: 774

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

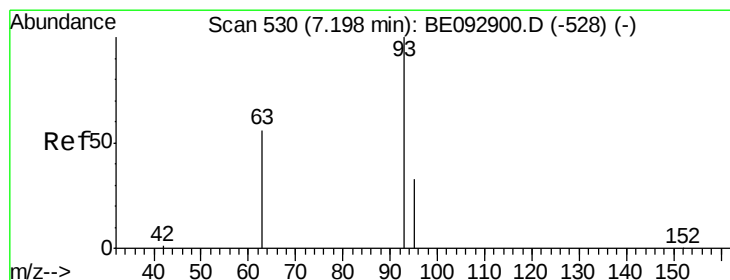
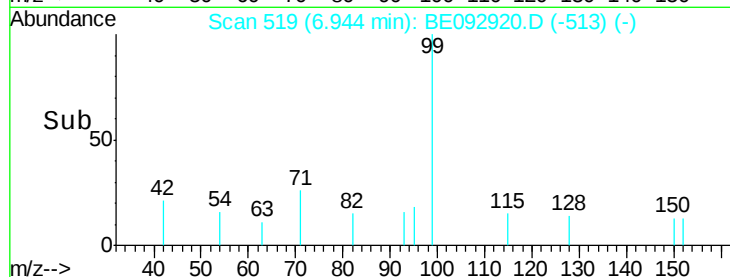
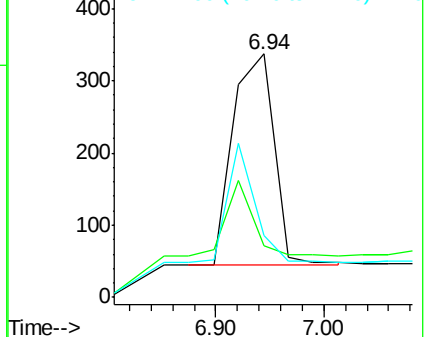
71 0.0 0.0 0.0



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: 0.37 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

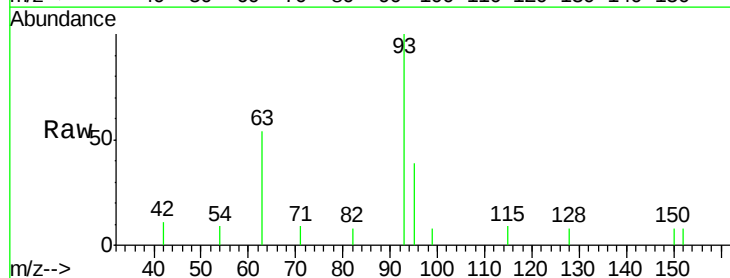
Tgt Ion: 93 Resp: 918

Ion Ratio Lower Upper

93 100

63 76.0 61.2 91.8

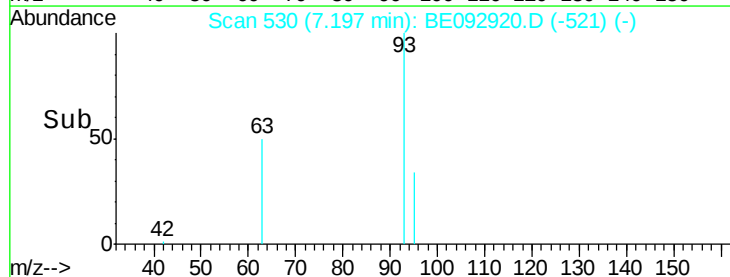
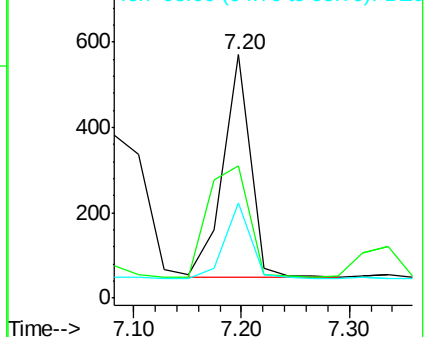
95 31.8 25.5 38.3

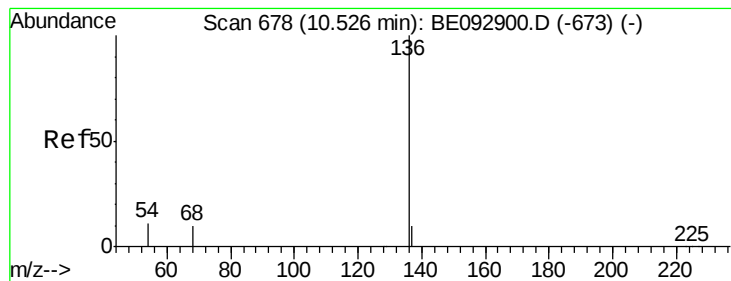


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 2778

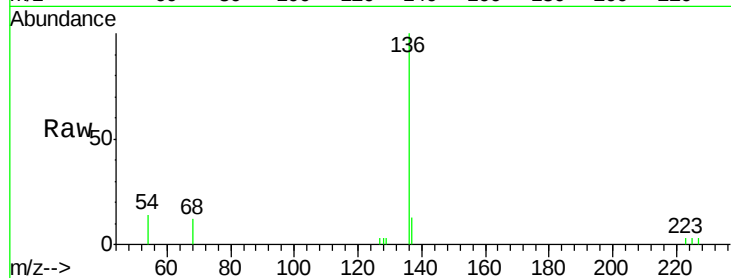
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 14.0 12.6 18.8

68 12.5 10.7 16.1

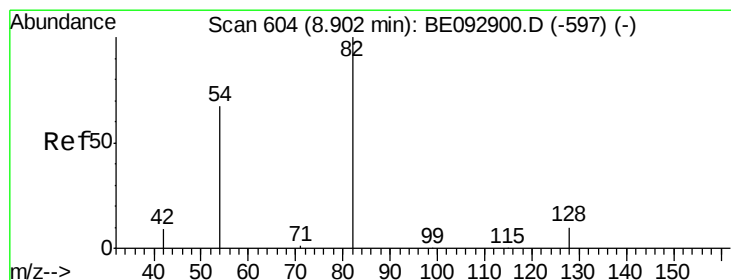
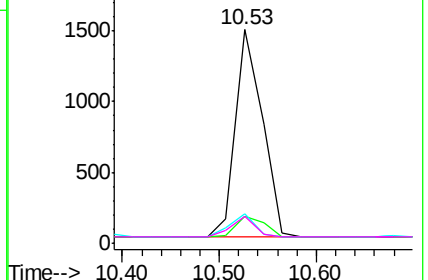
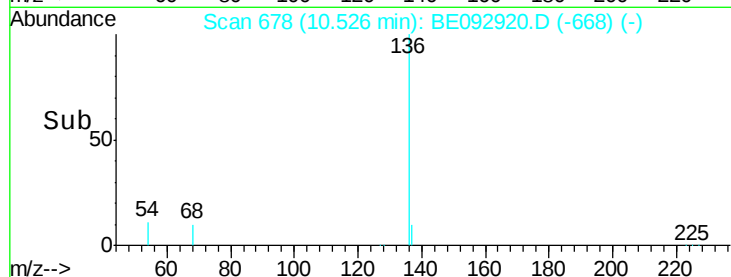


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

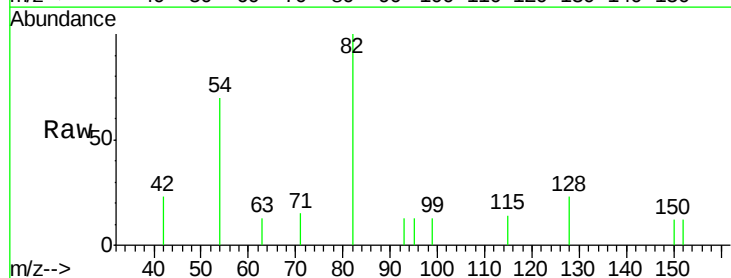
Tgt Ion: 82 Resp: 719

Ion Ratio Lower Upper

82 100

128 22.7 35.3 52.9#

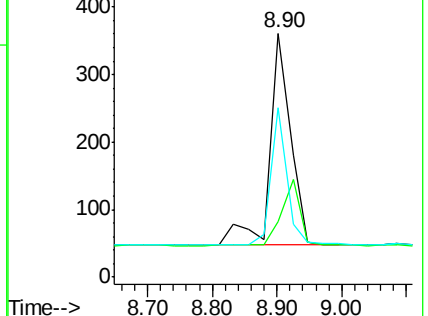
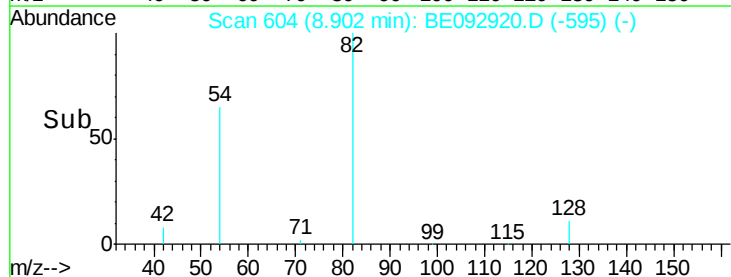
54 69.5 65.1 97.7

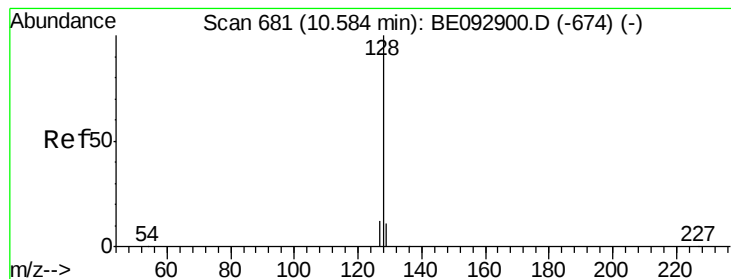


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.37 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

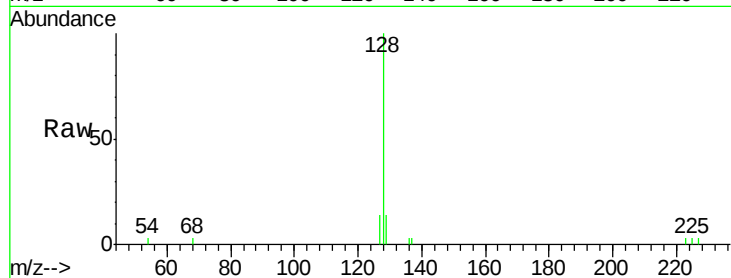
Tgt Ion:128 Resp: 2761

Ion Ratio Lower Upper

128 100

129 14.2 15.8 23.8#

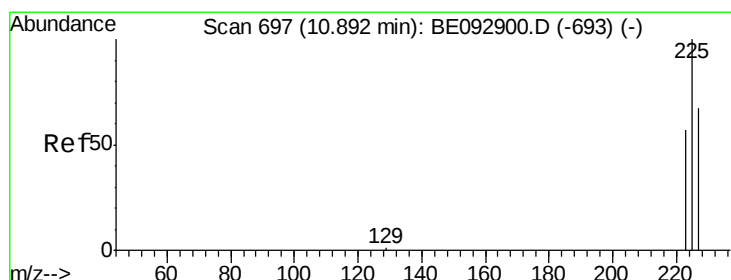
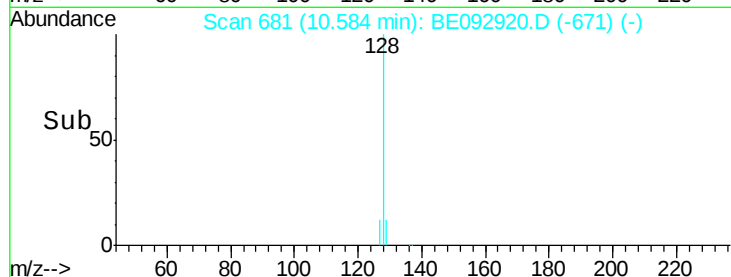
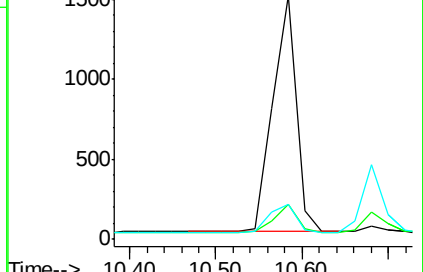
127 14.2 16.0 24.0#



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: 0.38 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

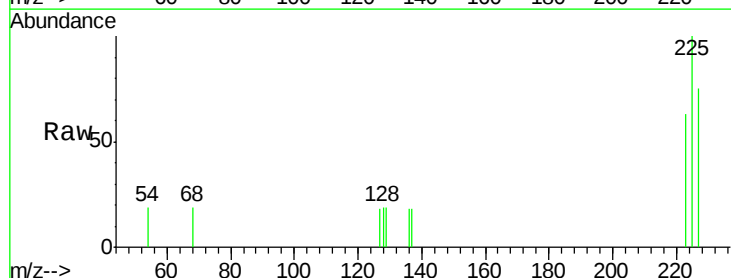
Tgt Ion:225 Resp: 386

Ion Ratio Lower Upper

225 100

223 62.4 55.4 83.2

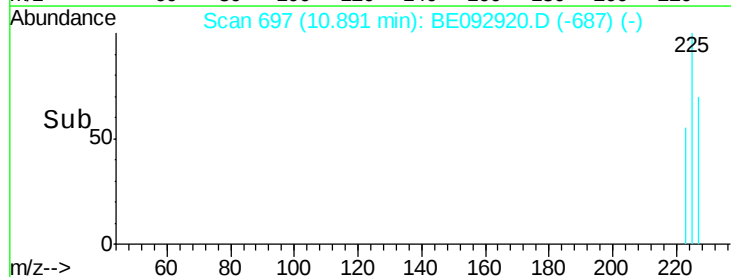
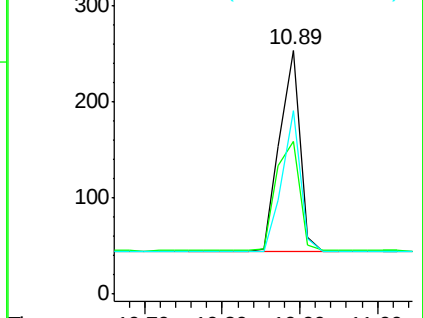
227 63.7 52.2 78.4

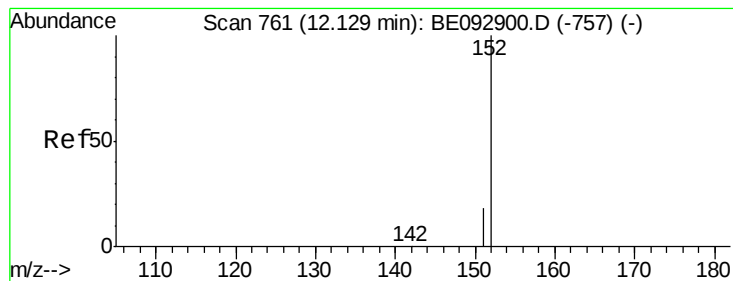


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

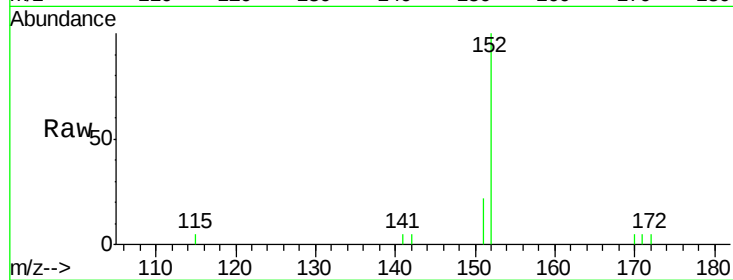
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1547

Ion Ratio Lower Upper

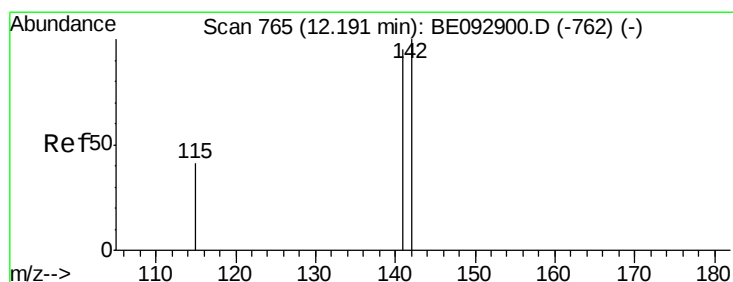
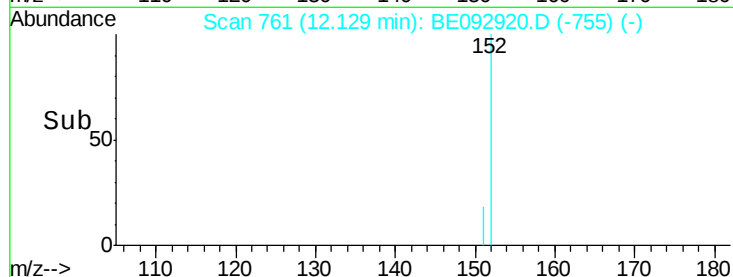
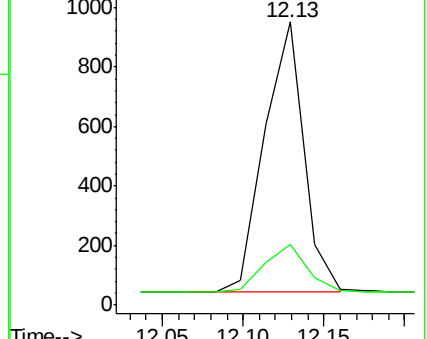
152 100

151 18.9 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

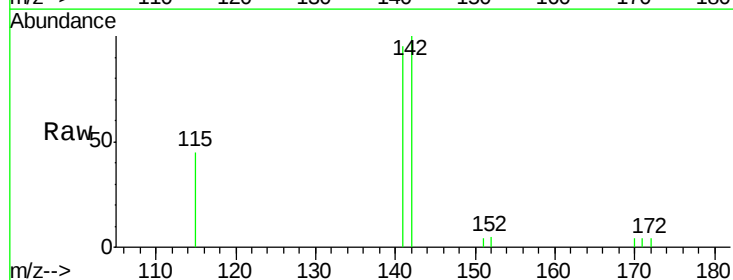
Tgt Ion:142 Resp: 1699

Ion Ratio Lower Upper

142 100

141 94.9 76.0 114.0

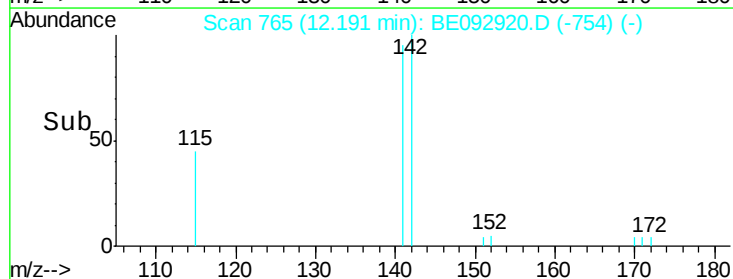
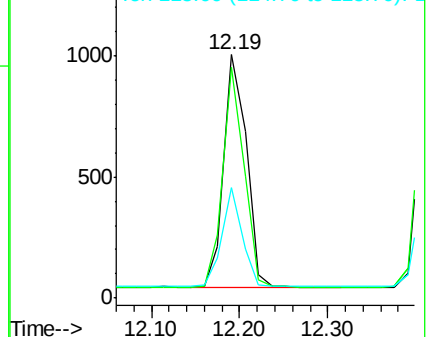
115 45.2 41.6 62.4

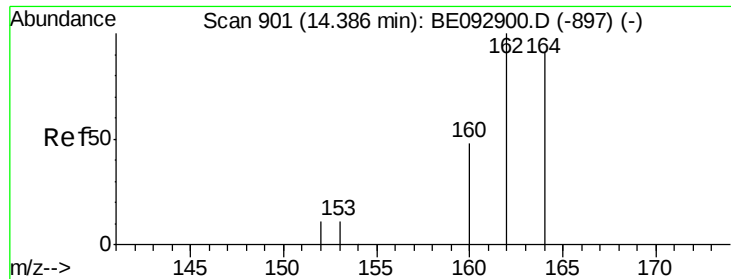


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

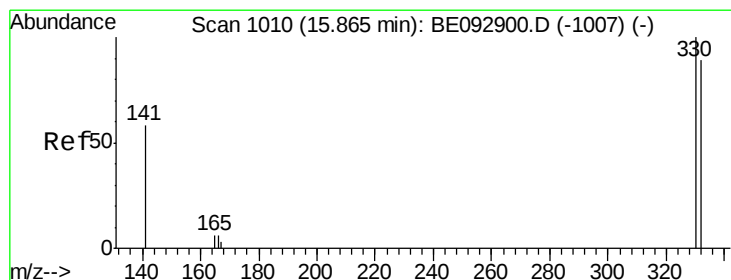
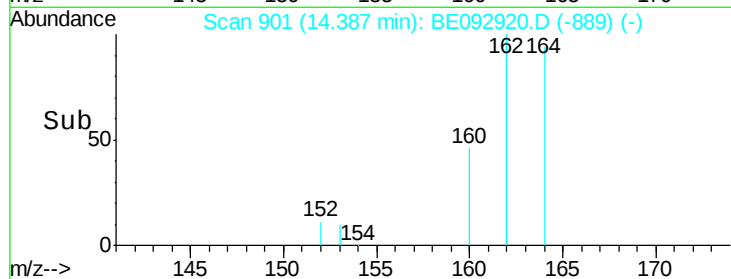
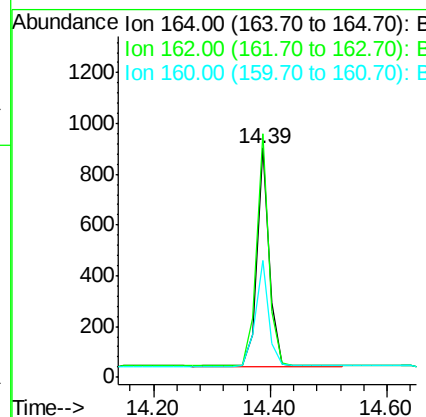
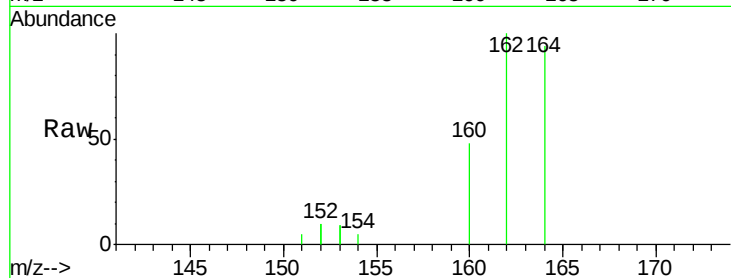




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

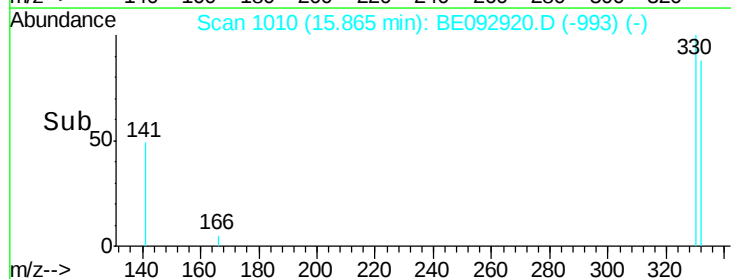
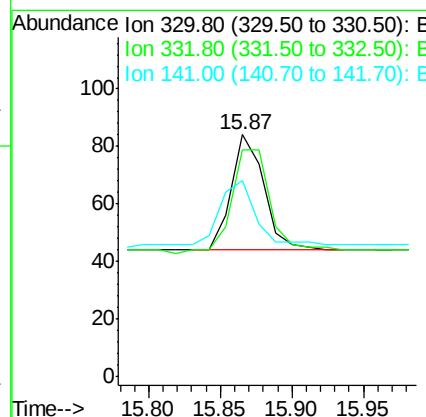
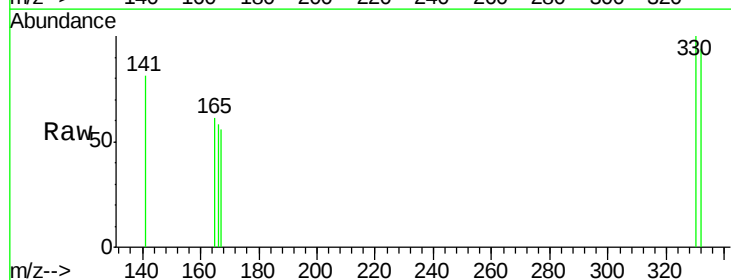
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

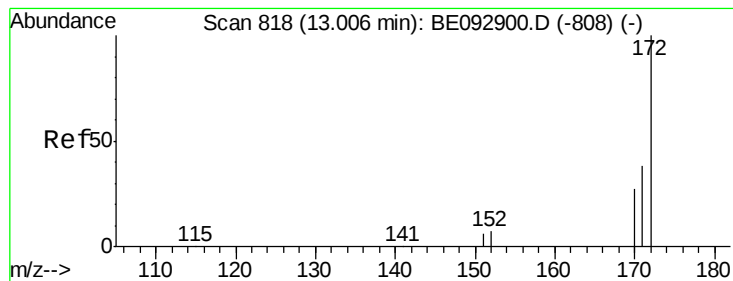
Tgt Ion:164 Resp: 1291
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.6 130.0
 160 51.2 44.5 66.7



#14
 2,4,6-Tribromophenol
 Concen: 0.30 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

Tgt Ion:330 Resp: 63
 Ion Ratio Lower Upper
 330 100
 332 111.1 69.1 103.7#
 141 77.8 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

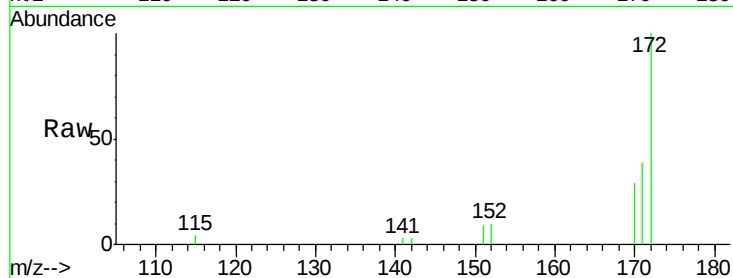
Tgt Ion:172 Resp: 2218

Ion Ratio Lower Upper

172 100

171 39.5 35.8 53.6

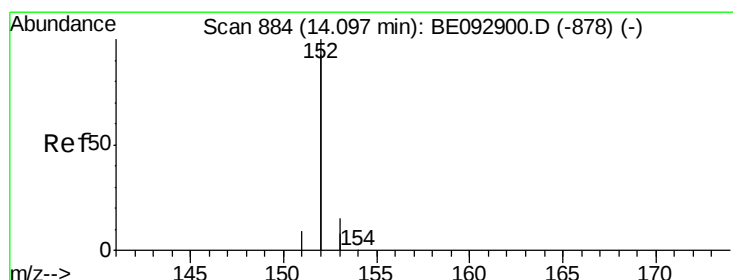
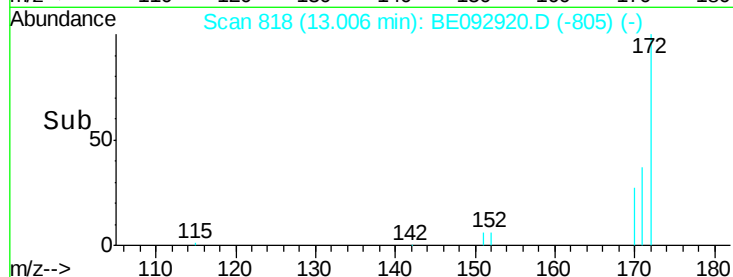
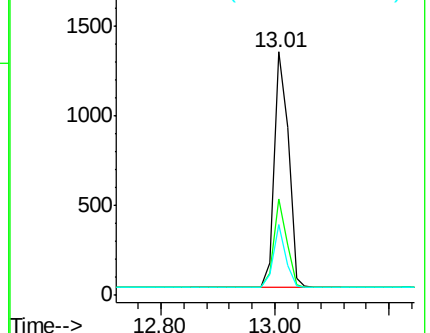
170 29.2 28.5 42.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.35 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

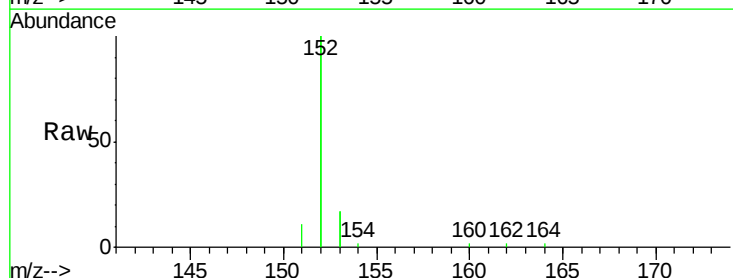
Tgt Ion:152 Resp: 7193

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

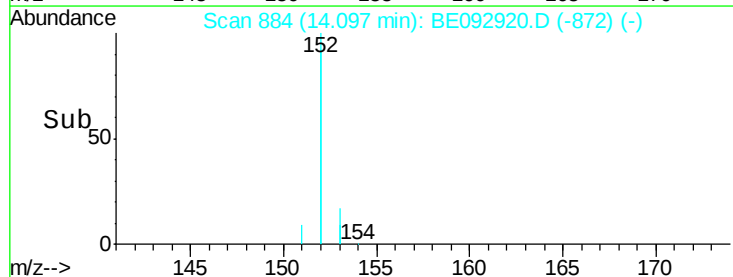
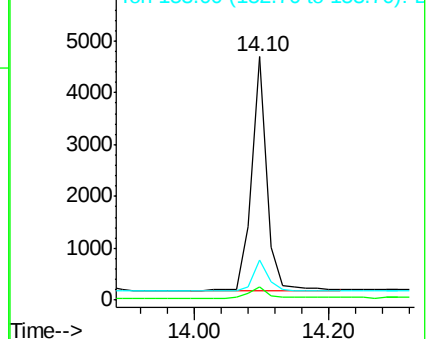
153 13.5 10.0 15.0

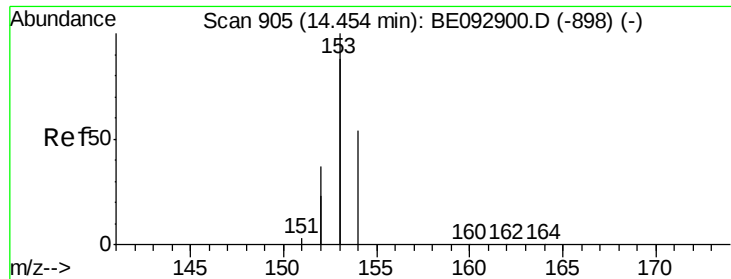


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.36 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.02 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

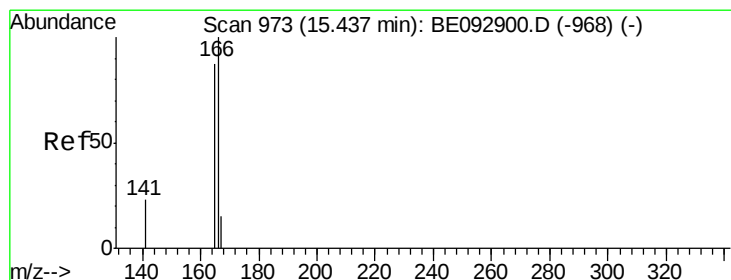
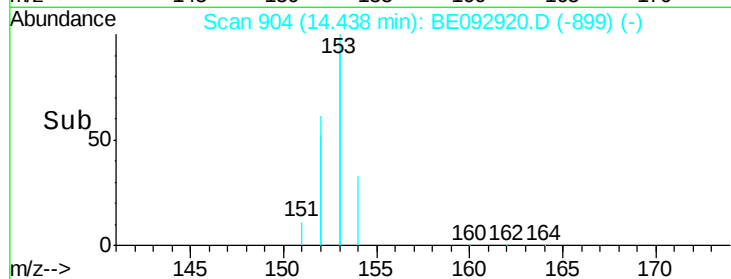
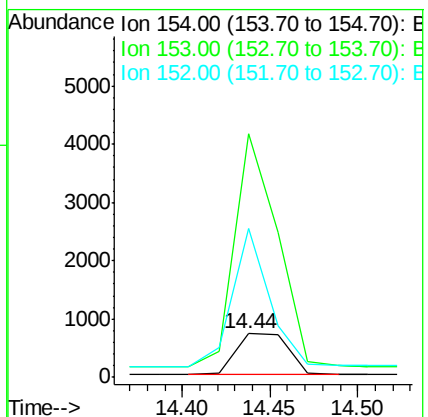
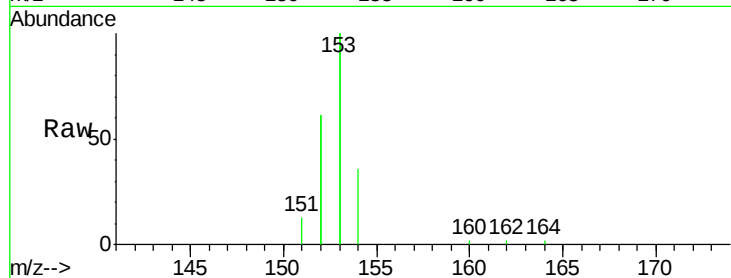
Tgt Ion:154 Resp: 1480

Ion Ratio Lower Upper

154 100

153 461.4 355.6 533.4

152 237.2 177.8 266.8



#18

Fluorene

Concen: 0.36 ng

RT: 15.43 min Scan# 972

Delta R.T. -0.01 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

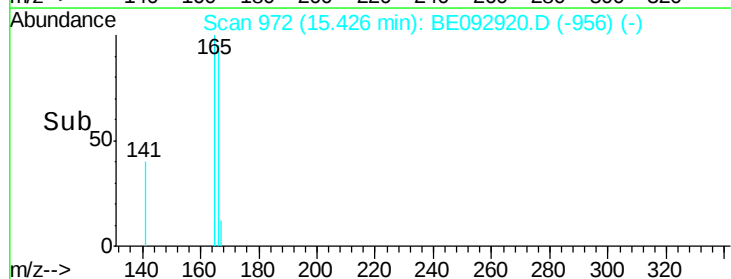
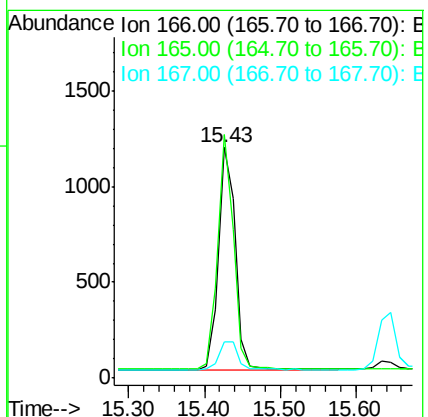
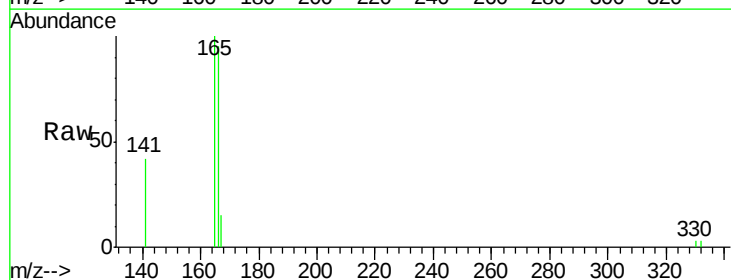
Tgt Ion:166 Resp: 1797

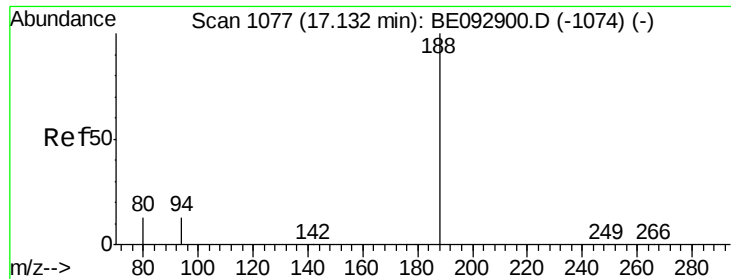
Ion Ratio Lower Upper

166 100

165 99.1 80.7 121.1

167 14.6 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: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

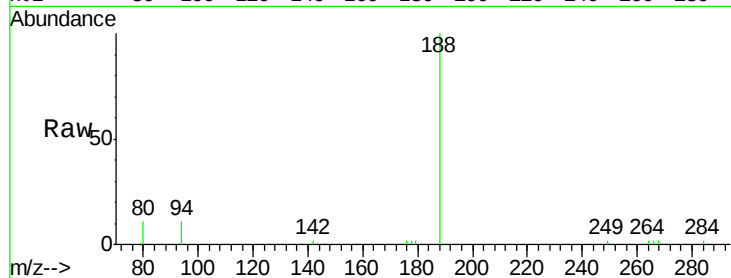
Tgt Ion:188 Resp: 3295

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

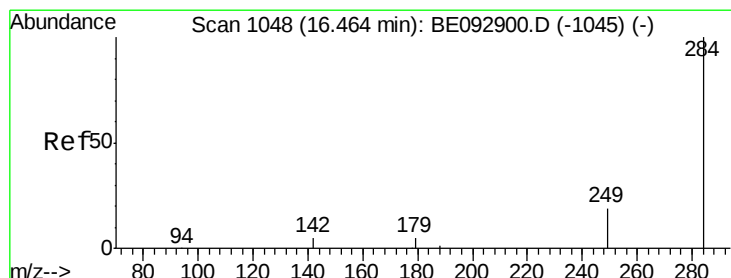
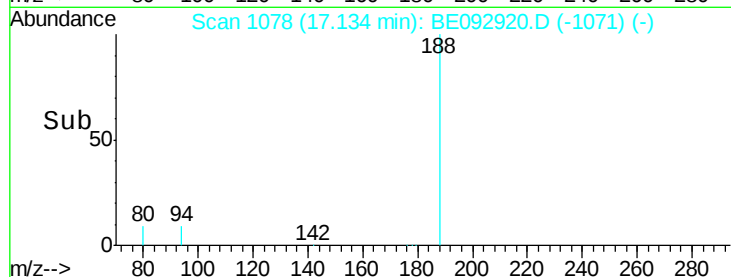
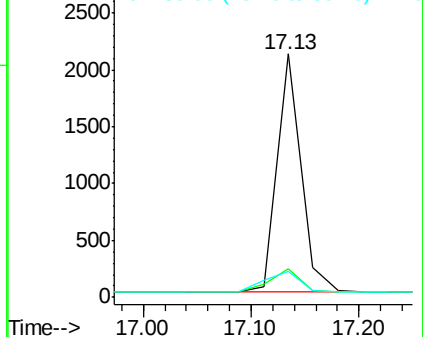
80 10.9 10.6 15.8



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: 0.35 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

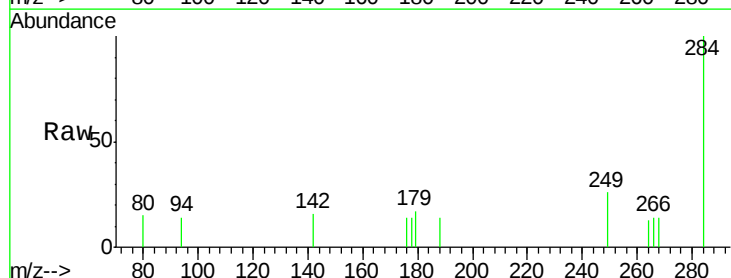
Tgt Ion:284 Resp: 510

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

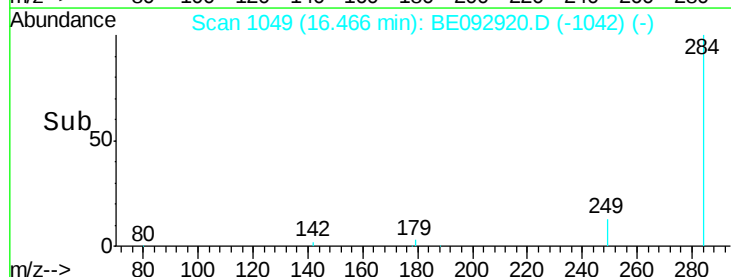
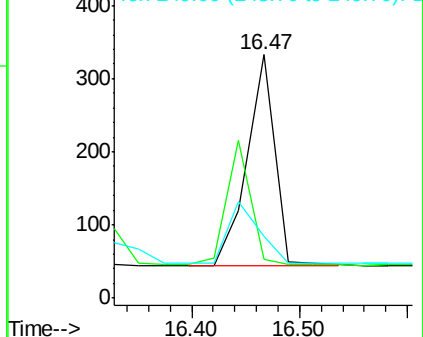
249 0.0 0.0 0.0

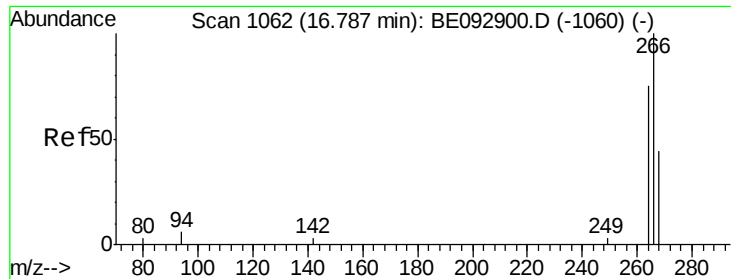


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

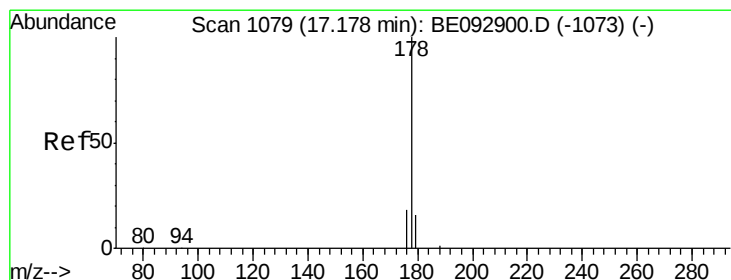
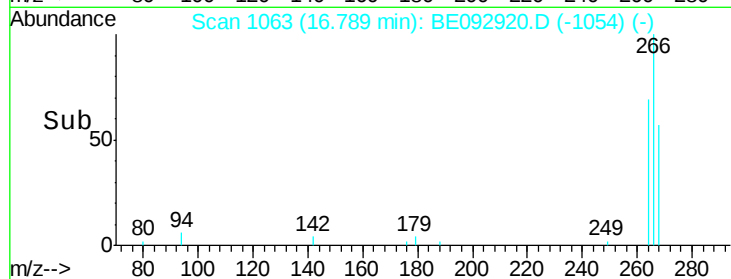
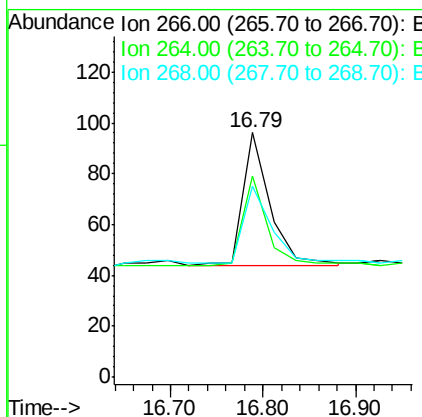
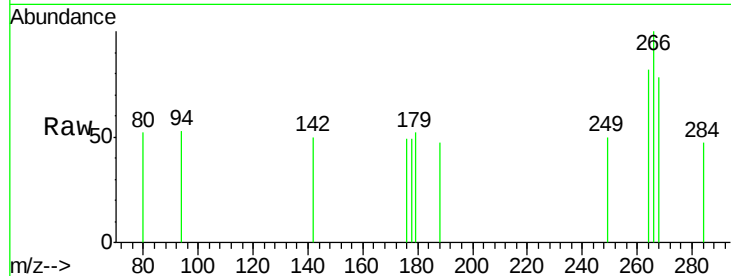




#21
 Pentachlorophenol
 Concen: 0.45 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

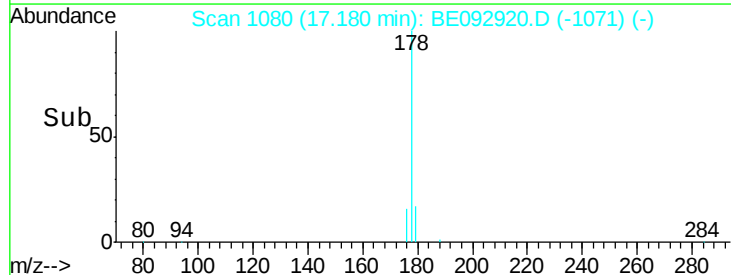
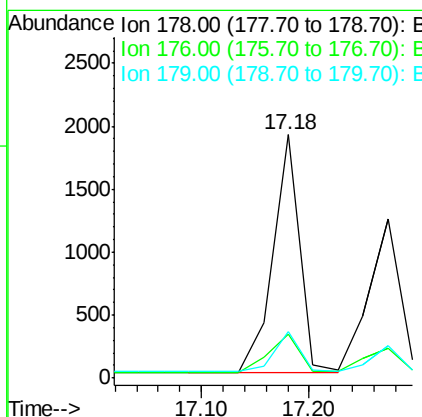
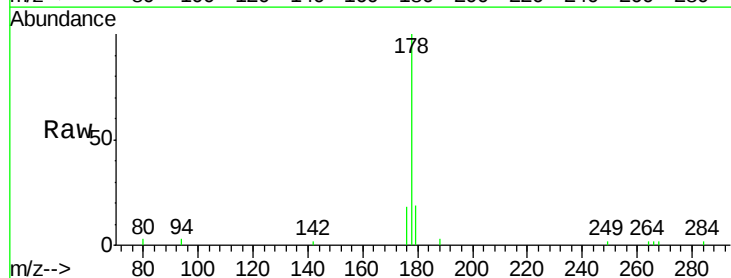
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

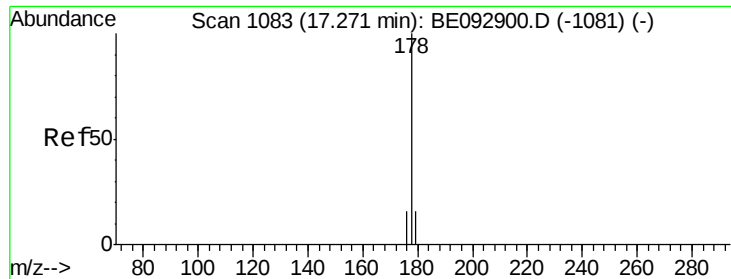
Tgt Ion: 266 Resp: 106
 Ion Ratio Lower Upper
 266 100
 264 82.3 75.4 113.2
 268 78.1 75.4 113.2



#22
 Phenanthrene
 Concen: 0.34 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

Tgt Ion: 178 Resp: 3246
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.2 21.4
 179 16.2 13.6 20.4





#23

Anthracene

Concen: 0.34 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

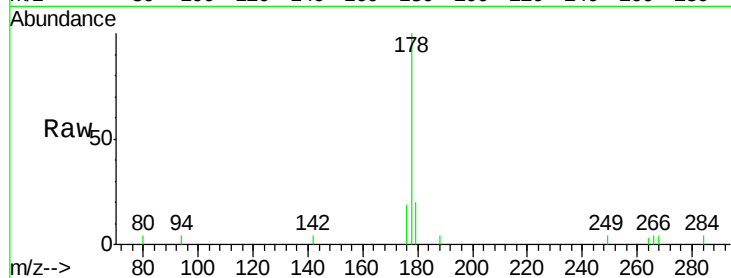
Tgt Ion:178 Resp: 2472

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

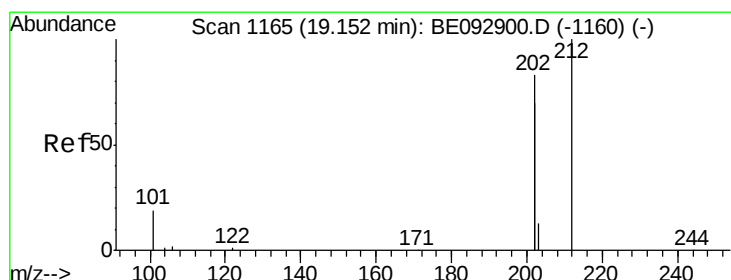
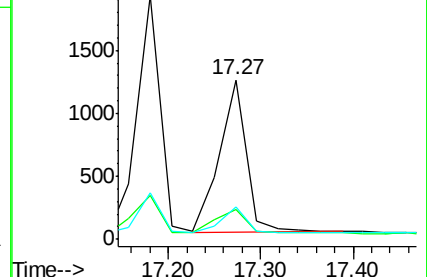
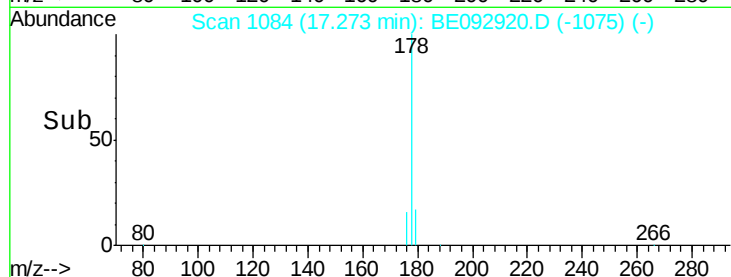
179 15.9 12.8 19.2



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: 0.36 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

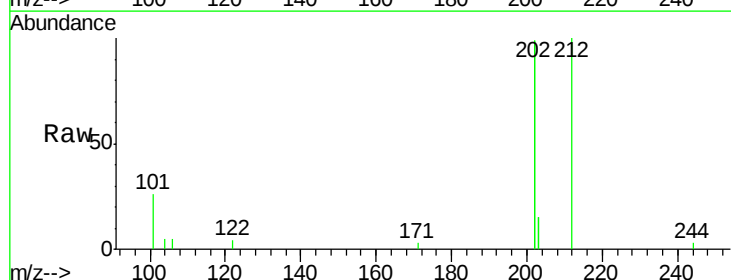
Tgt Ion:212 Resp: 2855

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

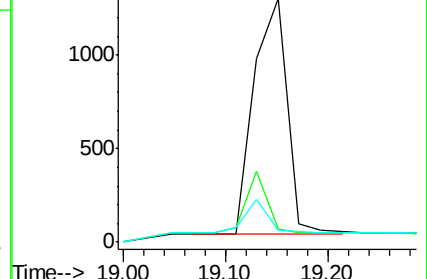
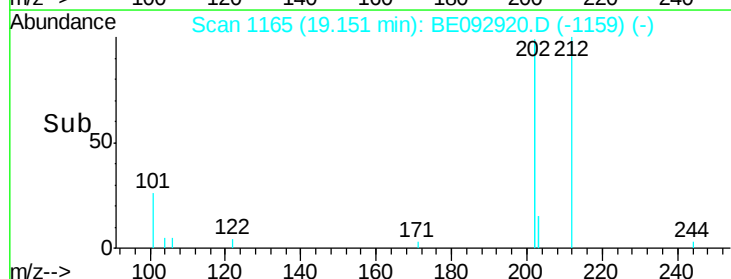
104 0.0 0.0 0.0

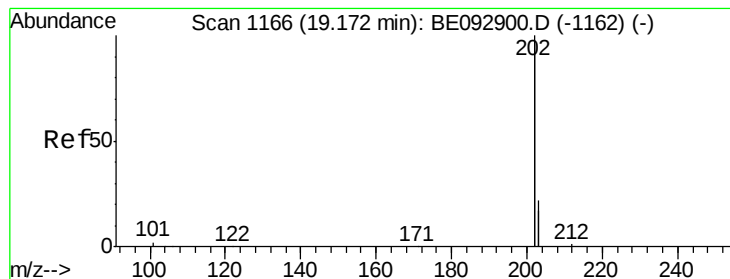


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.35 ng

RT: 19.17 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

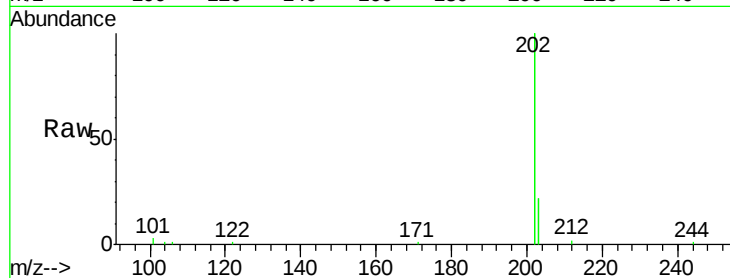
Tgt Ion: 202 Resp: 14318

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

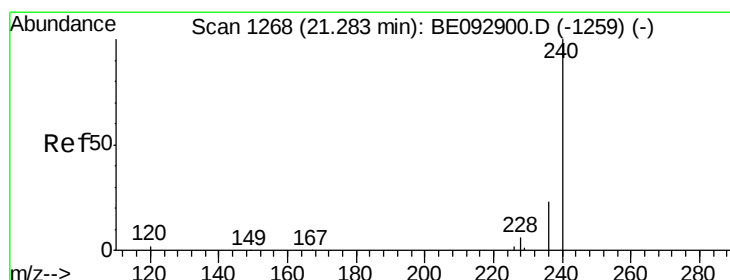
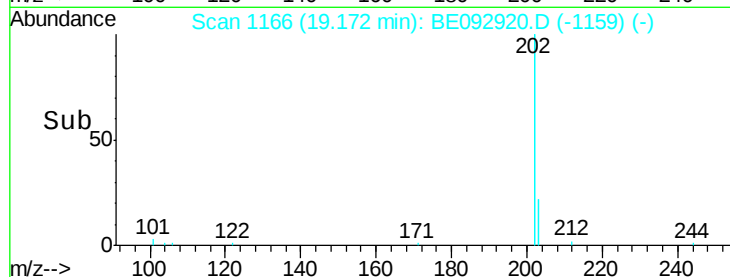
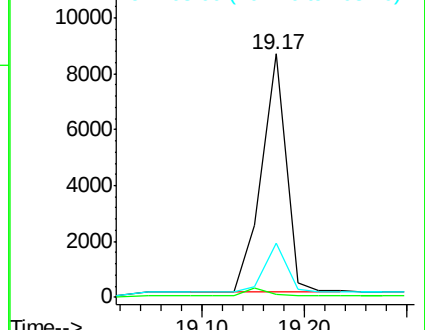
203 18.2 15.3 22.9



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: BE092920.D

Acq: 27 Apr 2017 18:29

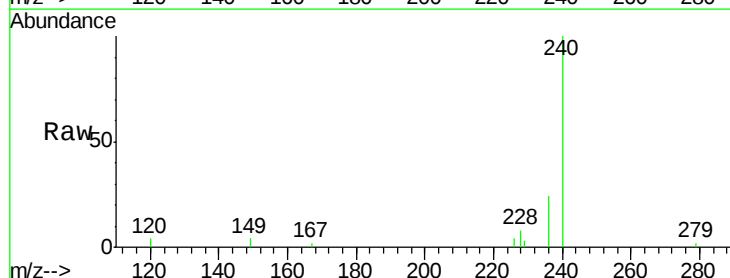
Tgt Ion: 240 Resp: 3293

Ion Ratio Lower Upper

240 100

120 4.5 4.6 6.8#

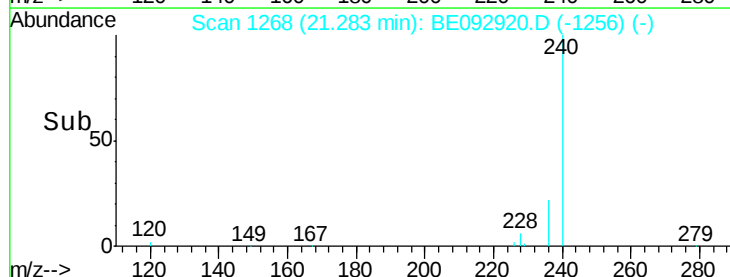
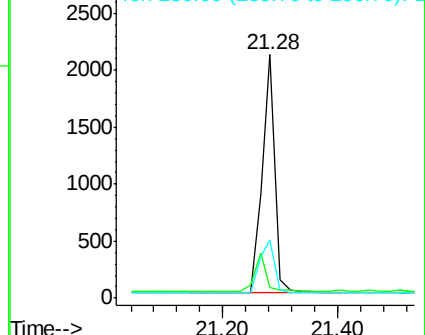
236 24.1 19.8 29.8

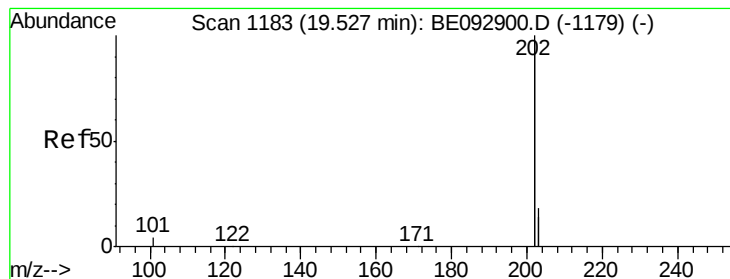


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.36 ng

RT: 19.53 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

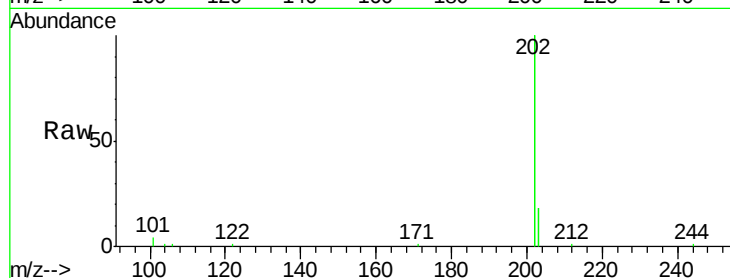
Tgt Ion:202 Resp: 15373

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

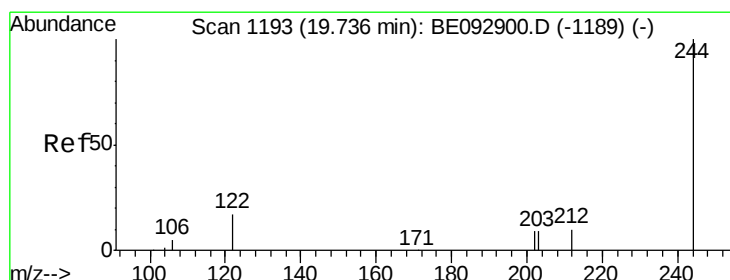
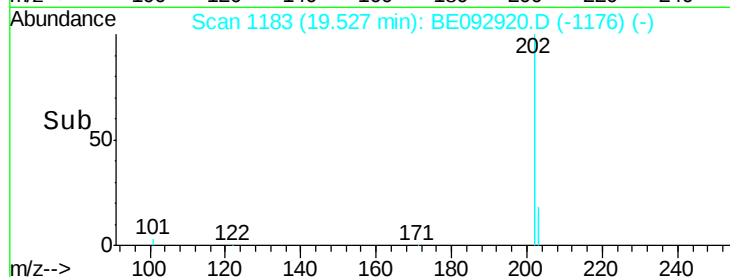
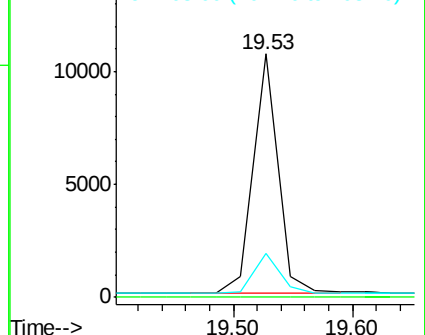
203 17.3 13.5 20.3



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: 0.37 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

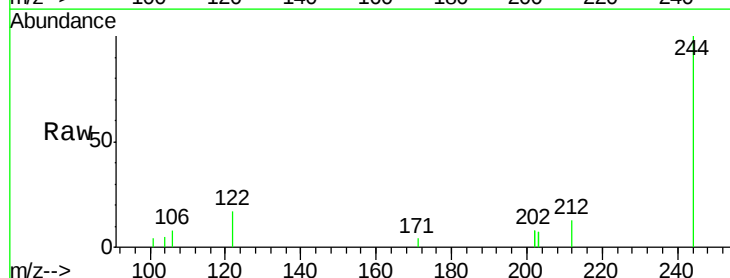
Tgt Ion:244 Resp: 2140

Ion Ratio Lower Upper

244 100

212 13.1 18.4 27.6#

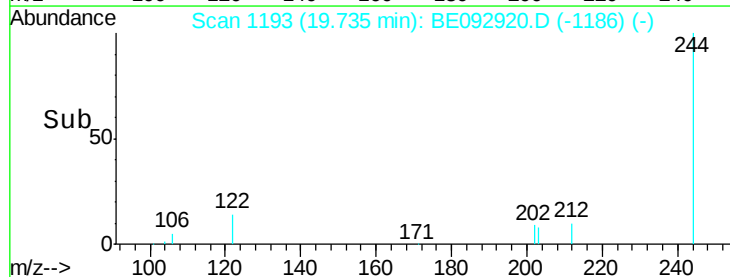
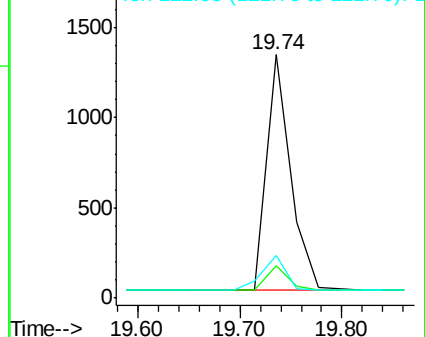
122 17.3 23.3 34.9#

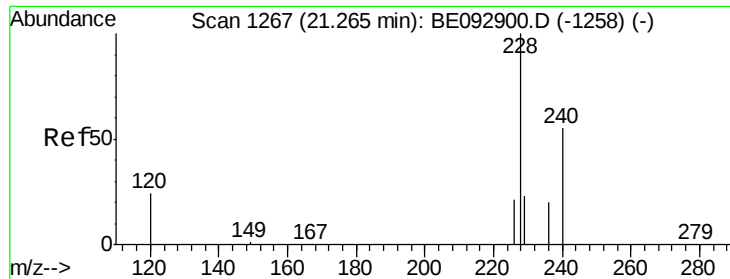


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.27 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

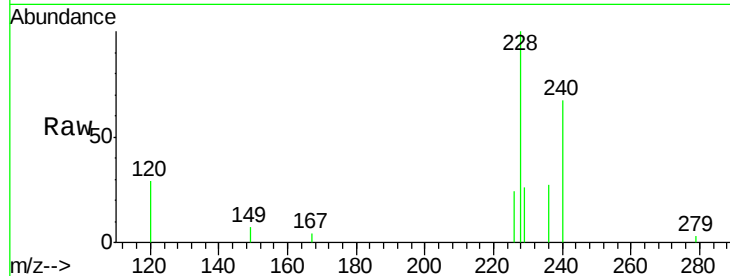
Tgt Ion:228 Resp: 2789

Ion Ratio Lower Upper

228 100

226 23.8 32.0 48.0#

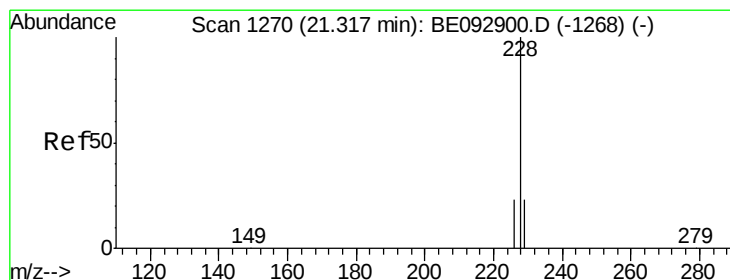
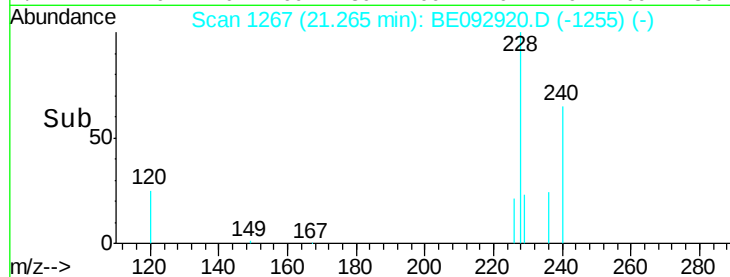
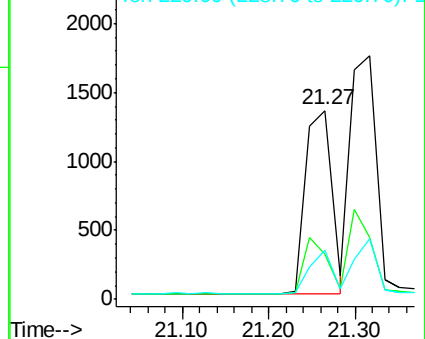
229 25.7 21.4 32.0



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: 0.37 ng

RT: 21.32 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

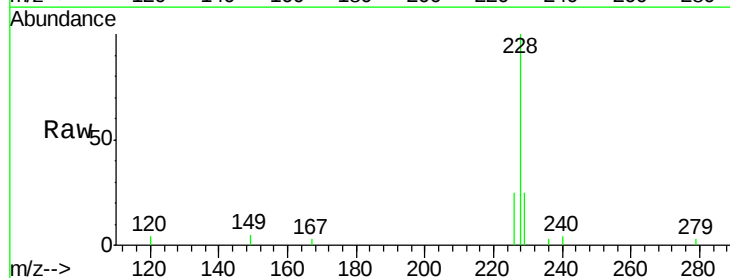
Tgt Ion:228 Resp: 3640

Ion Ratio Lower Upper

228 100

226 25.5 34.2 51.2#

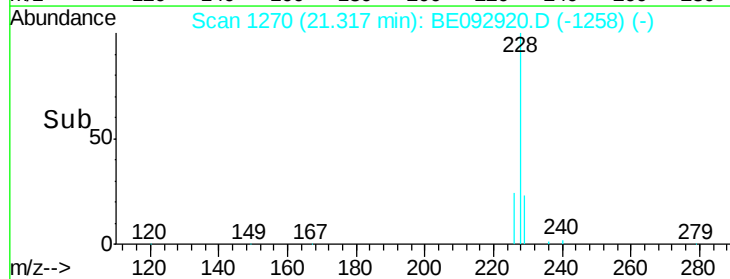
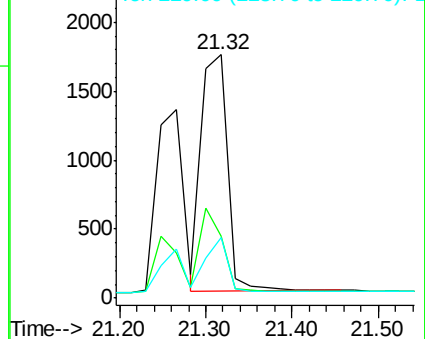
229 25.1 18.6 28.0

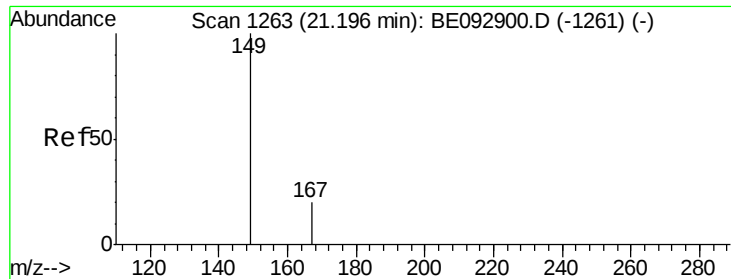


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

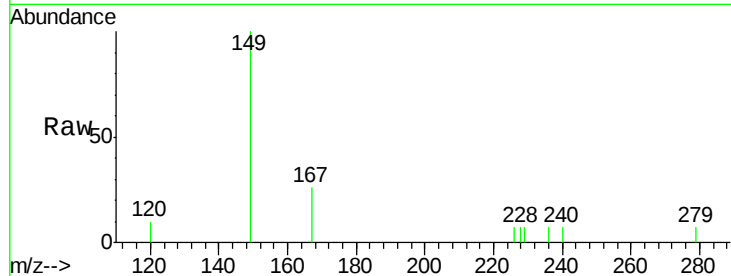




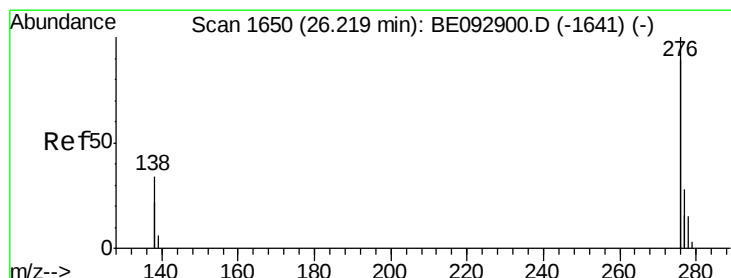
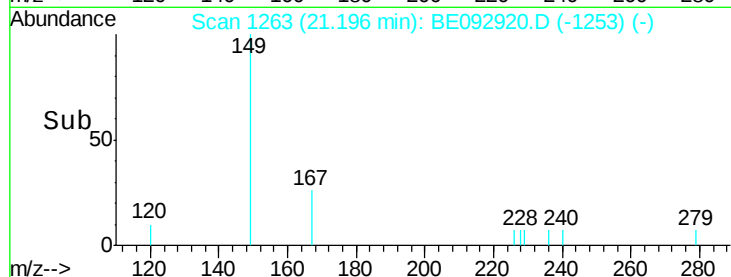
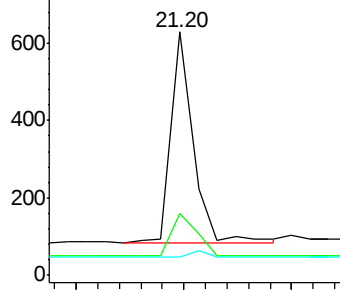
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:149 Resp: 760
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.9 31.3
 279 0.0 0.0 0.0

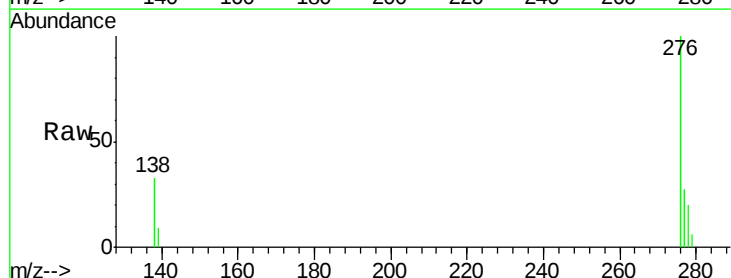


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

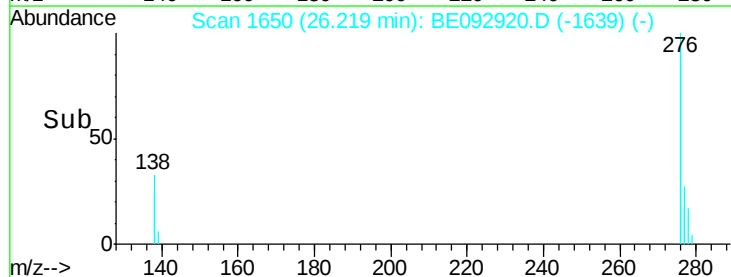
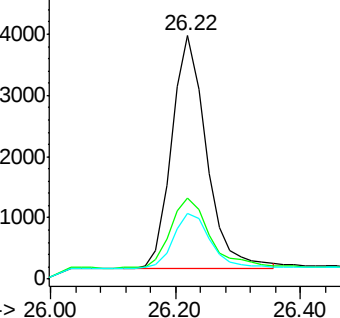


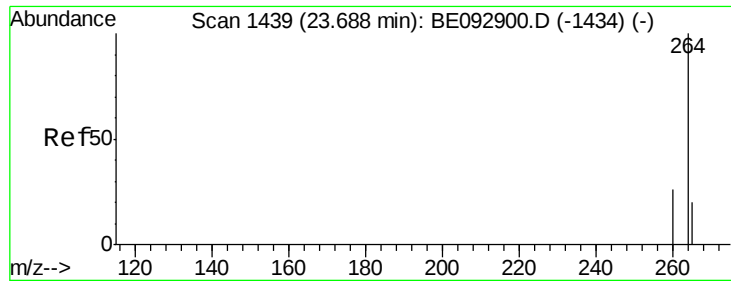
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.46 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

Tgt Ion:276 Resp: 14719
 Ion Ratio Lower Upper
 276 100
 138 34.0 25.8 38.6
 277 24.8 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

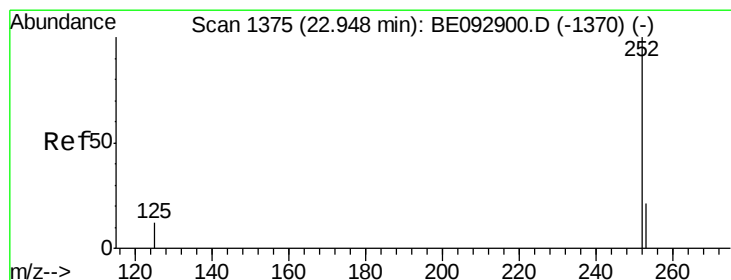
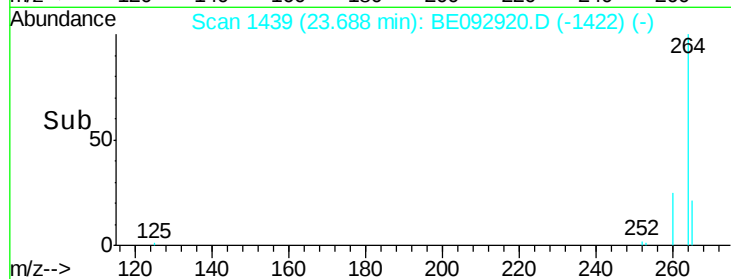
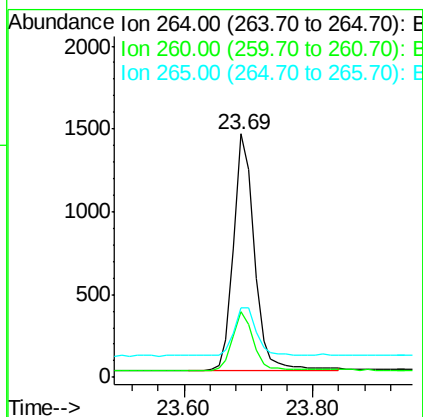
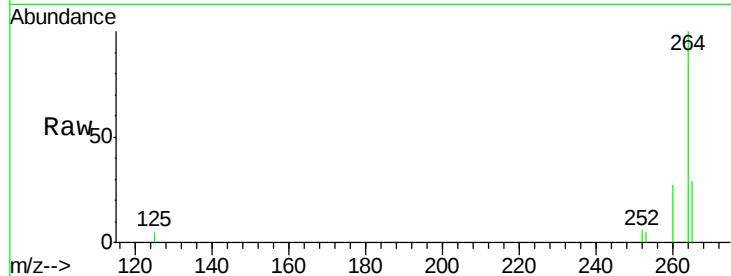




#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

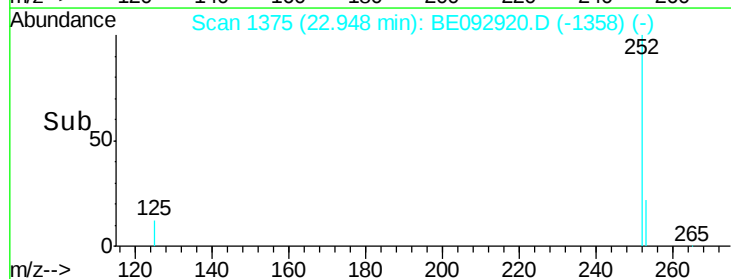
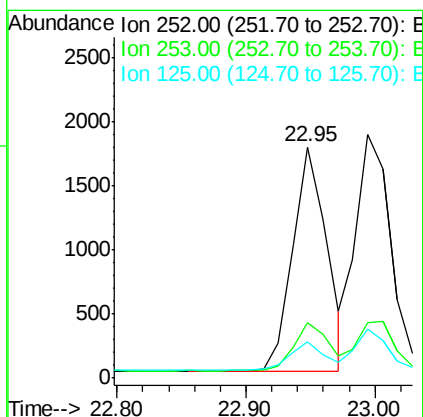
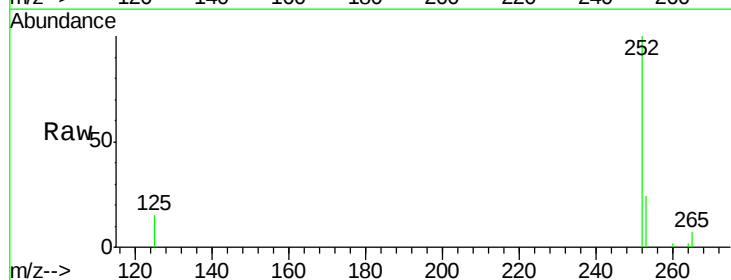
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

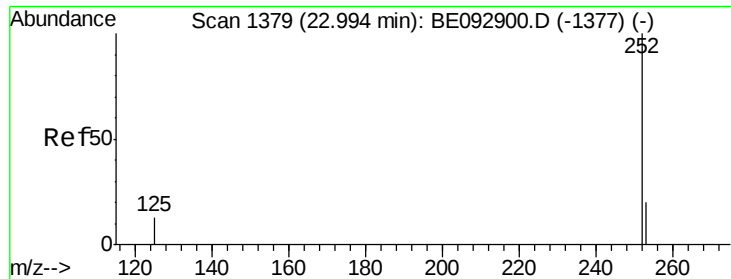
Tgt Ion: 264 Resp: 3163
 Ion Ratio Lower Upper
 264 100
 260 27.1 23.5 35.3
 265 28.8 27.2 40.8



#34
 Benzo(b)fluoranthene
 Concen: 0.29 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092920.D
 Acq: 27 Apr 2017 18:29

Tgt Ion: 252 Resp: 3224
 Ion Ratio Lower Upper
 252 100
 253 24.1 24.7 37.1#
 125 15.5 20.3 30.5#

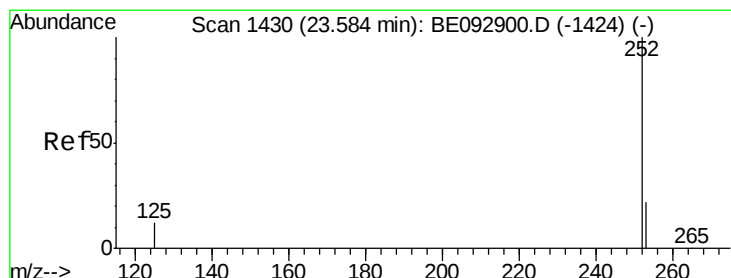
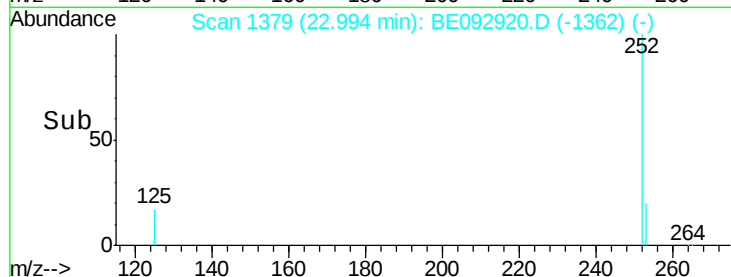
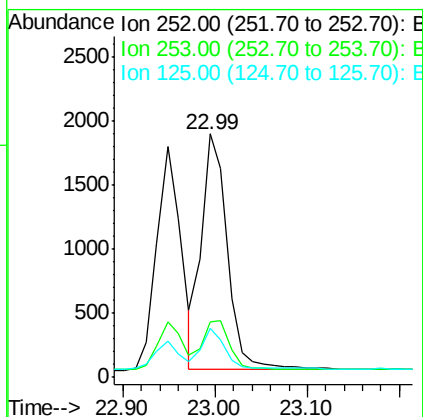
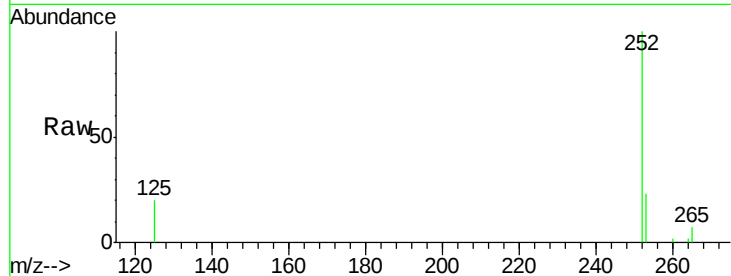




#35
Benzo(k)fluoranthene
Concen: 0.32 ng
RT: 22.99 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092920.D
Acq: 27 Apr 2017 18:29

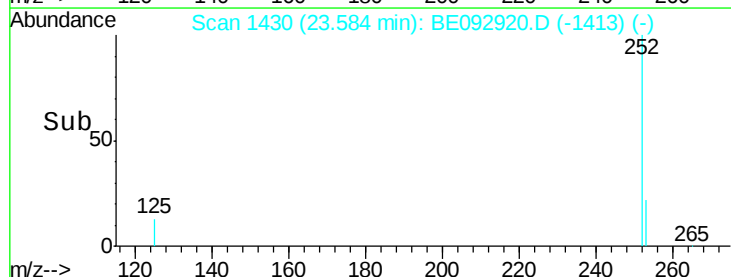
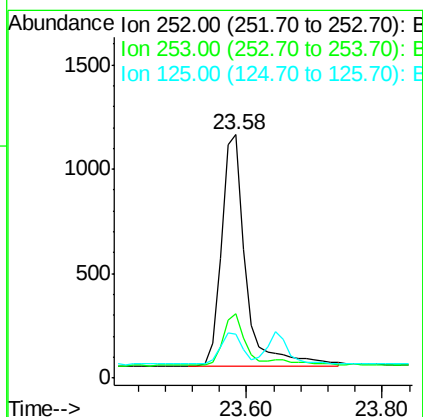
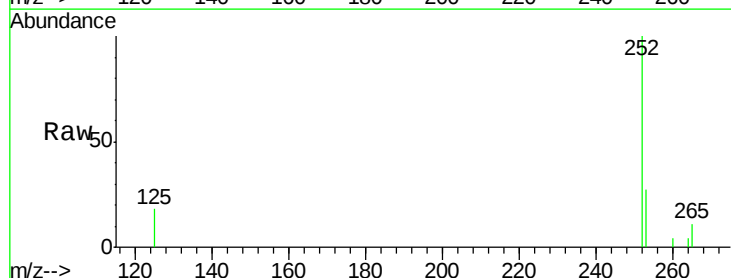
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

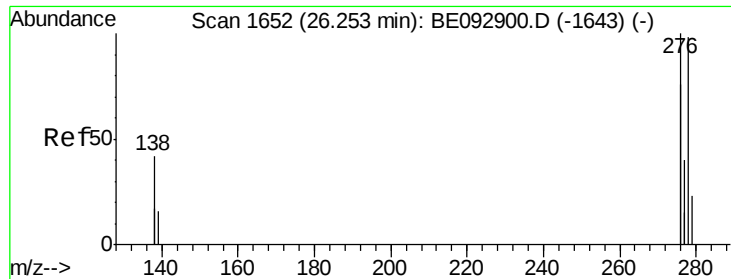
Tgt Ion:252 Resp: 3563
Ion Ratio Lower Upper
252 100
253 23.0 25.8 38.8#
125 20.0 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.31 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092920.D
Acq: 27 Apr 2017 18:29

Tgt Ion:252 Resp: 2806
Ion Ratio Lower Upper
252 100
253 26.5 31.3 46.9#
125 17.9 26.4 39.6#





#37

Dibenzo(a,h)anthracene

Concen: 0.33 ng

RT: 26.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

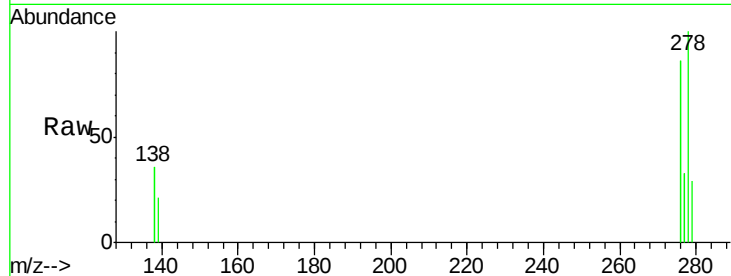
Tgt Ion: 278 Resp: 3273

Ion Ratio Lower Upper

278 100

139 20.9 27.4 41.2#

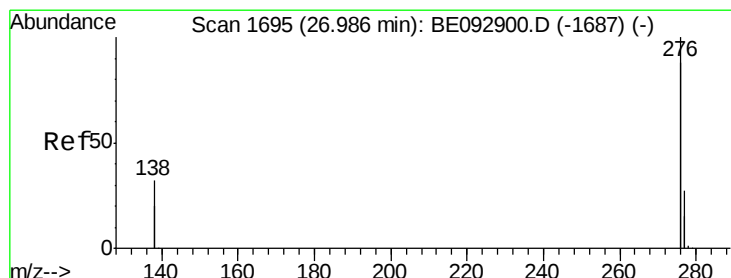
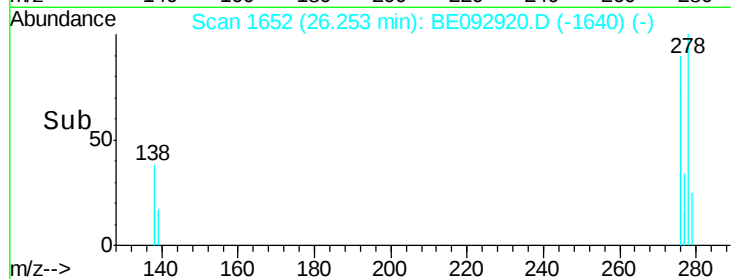
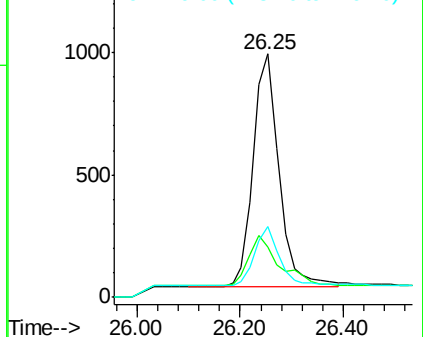
279 28.8 33.3 49.9#



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: 0.33 ng

RT: 26.99 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE092920.D

Acq: 27 Apr 2017 18:29

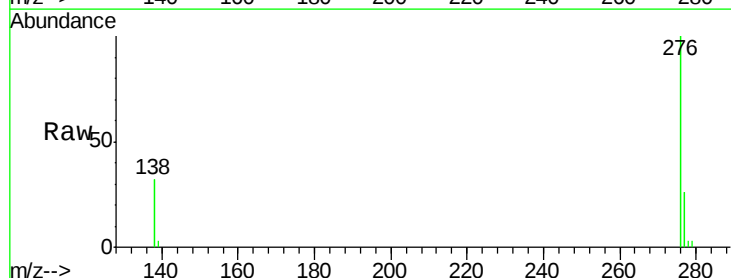
Tgt Ion: 276 Resp: 14123

Ion Ratio Lower Upper

276 100

277 26.1 29.9 44.9#

138 31.5 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

