

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092967.D
 Acq On : 9 May 2017 17:21
 Operator : SJ/MA
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

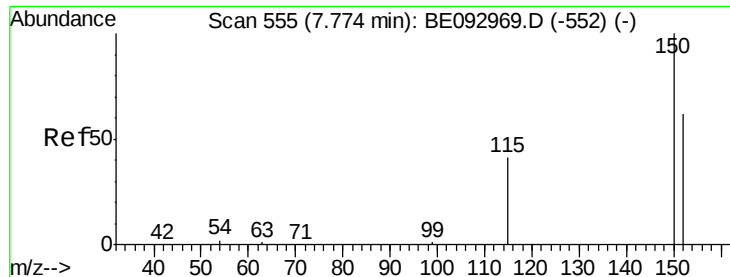
Quant Time: May 10 03:43:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 02:13:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	697	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2744	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1382	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3074	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3558	0.40	ng	0.00
33) Perylene-d12	23.70	264	3201	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	209	0.13	ng	0.00
5) Phenol-d6	6.94	99	234	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	210	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	370	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	41	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	481	0.08	ng	0.00
24) Fluoranthene-d10	19.15	212	905	0.13	ng	0.00
28) Terphenyl-d14	19.76	244	503	0.08	ng	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	180	0.13	ng	89
3) n-Nitrosodimethylamine	3.61	42	119	0.11	ng	# 94
6) bis(2-Chloroethyl)ether	7.20	93	235	0.09	ng	# 100
9) Naphthalene	10.58	128	793	0.11	ng	# 83
10) Hexachlorobutadiene	10.89	225	113	0.11	ng	96
12) 2-Methylnaphthalene	12.19	142	402	0.09	ng	# 93
16) Acenaphthylene	14.10	152	2136	0.10	ng	99
17) Acenaphthene	14.46	154	422	0.10	ng	95
18) Fluorene	15.44	166	486	0.09	ng	98
20) Hexachlorobenzene	16.46	284	173	0.13	ng	# 100
22) Phenanthrene	17.18	178	957	0.11	ng	99
23) Anthracene	17.27	178	688	0.10	ng	97
25) Fluoranthene	19.17	202	4401	0.12	ng	# 97
27) Pyrene	19.53	202	4754	0.10	ng	# 99
29) Benzo(a)anthracene	21.27	228	799	0.10	ng	# 89
30) Chrysene	21.32	228	1241	0.12	ng	91
31) Bis(2-ethylhexyl)phthalate	21.20	149	514	0.21	ng	98
32) Indeno(1,2,3-cd)pyrene	26.24	276	4453	0.12	ng	100
34) Benzo(b)fluoranthene	22.96	252	992	0.10	ng	# 81
35) Benzo(k)fluoranthene	23.01	252	1016	0.10	ng	# 83
36) Benzo(a)pyrene	23.58	252	935	0.11	ng	# 78
37) Dibenzo(a,h)anthracene	26.27	278	936	0.10	ng	# 73
38) Benzo(g,h,i)perylene	27.00	276	4147	0.10	ng	# 82

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

SSTDIC0.1

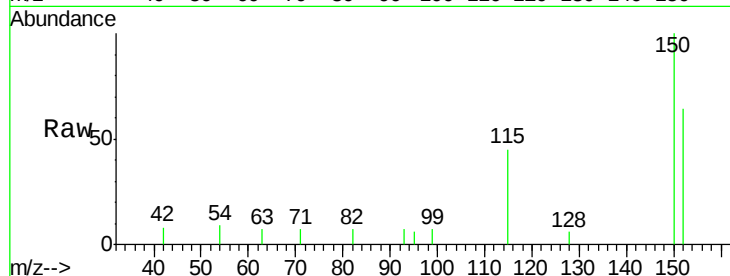
Tgt Ion:152 Resp: 697

Ion Ratio Lower Upper

152 100

150 157.4 125.1 187.7

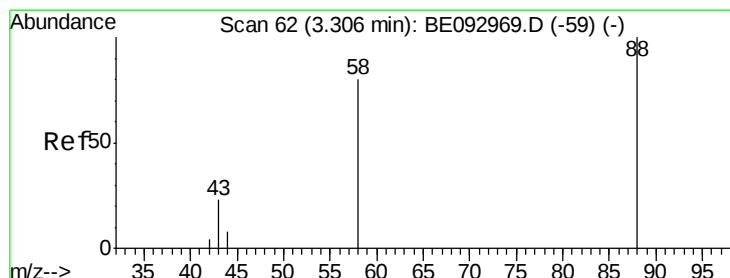
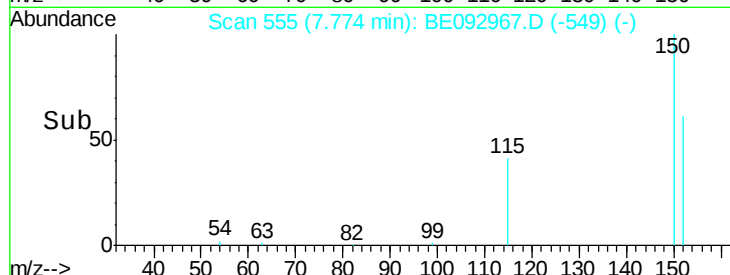
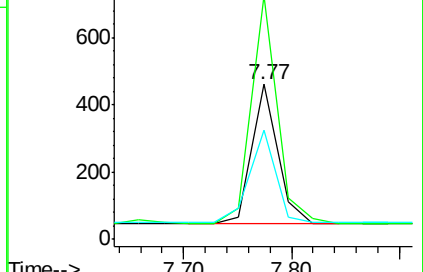
115 70.4 55.7 83.5



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: 0.13 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

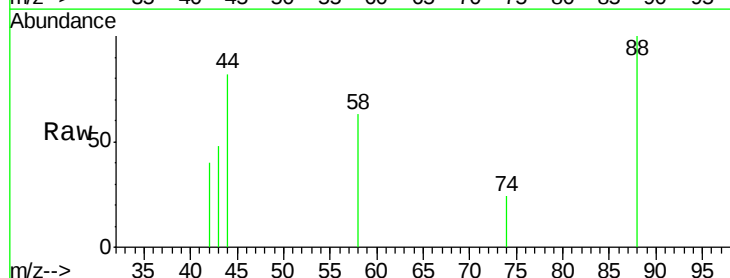
Tgt Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

58 65.0 62.2 93.4

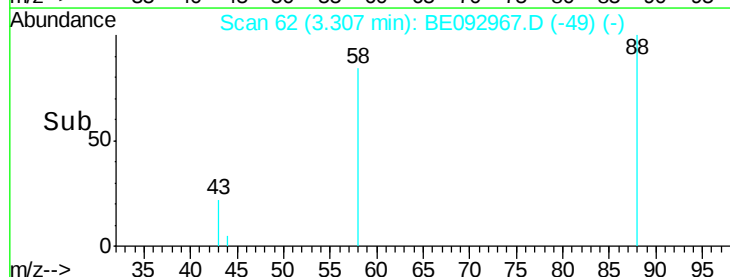
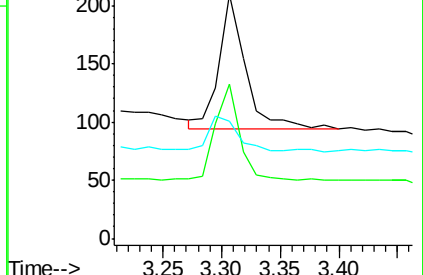
43 28.3 23.2 34.8

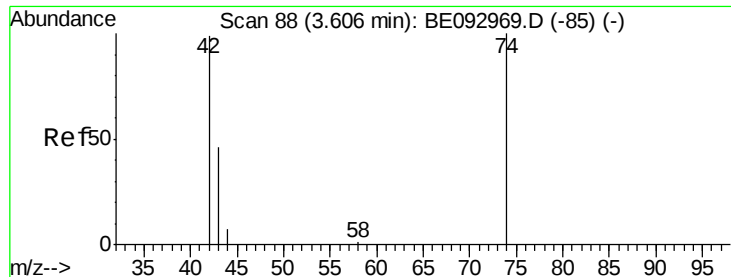


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

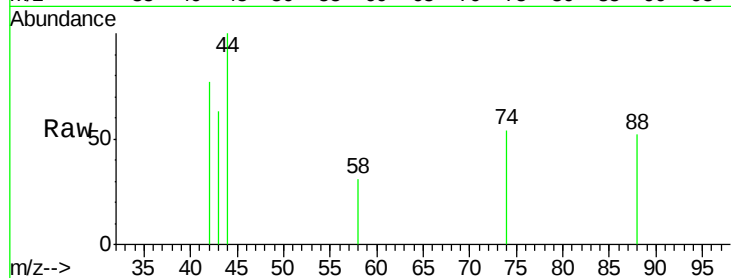
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

42 100

74 129.4 99.1 148.7

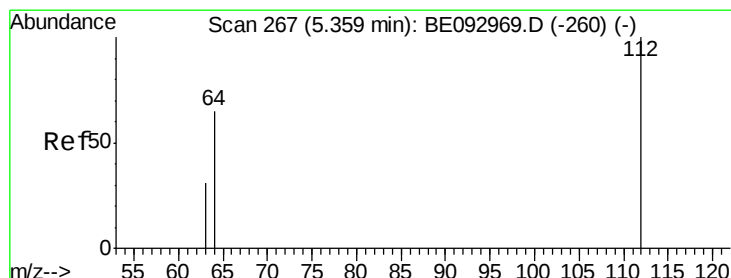
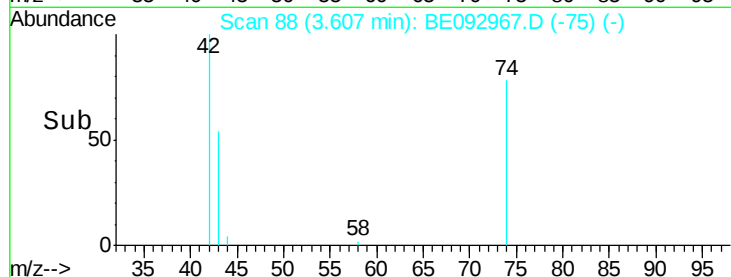
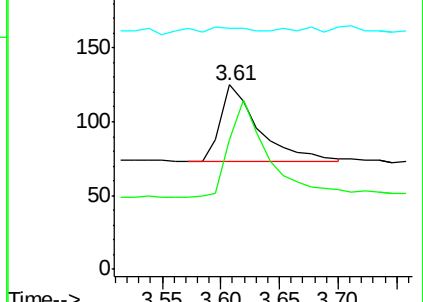
44 0.0 7.4 11.2#



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: 0.13 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

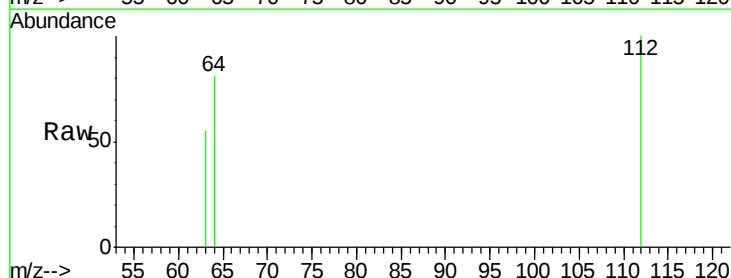
Tgt Ion: 112 Resp: 209

Ion Ratio Lower Upper

112 100

64 69.4 56.4 84.6

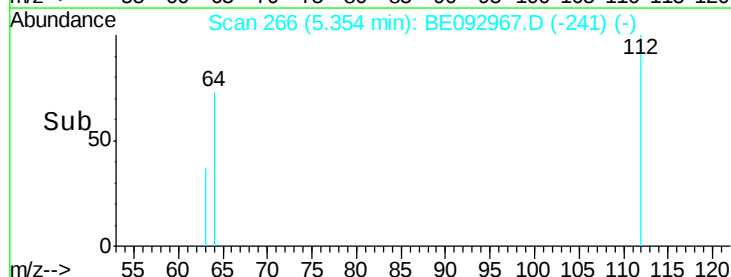
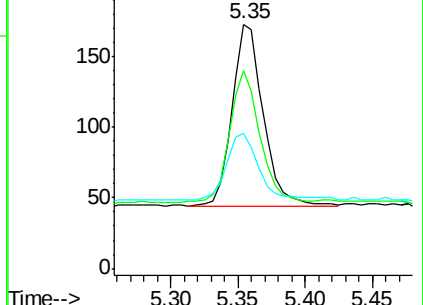
63 37.8 29.3 43.9

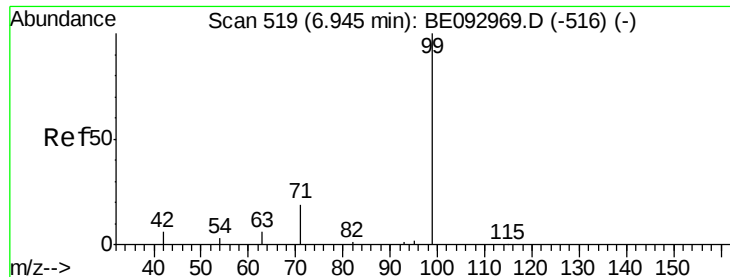


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

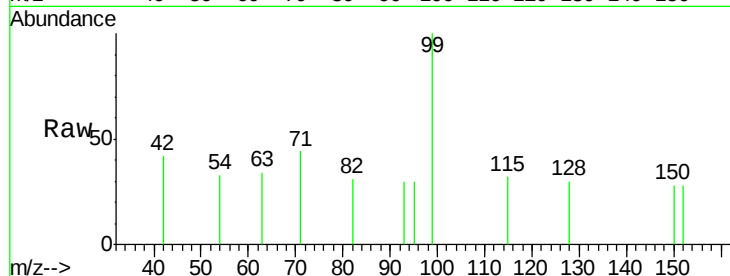
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

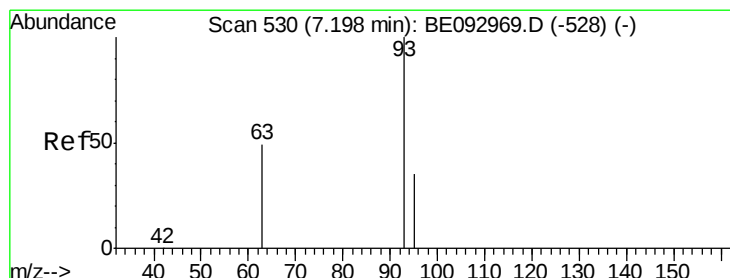
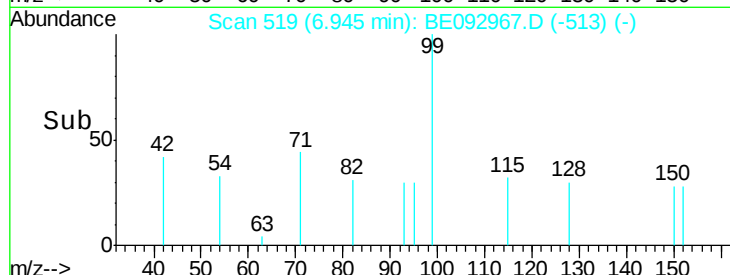
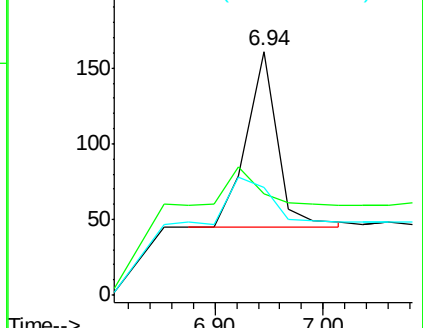
71 0.0 0.0 0.0



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: 0.09 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

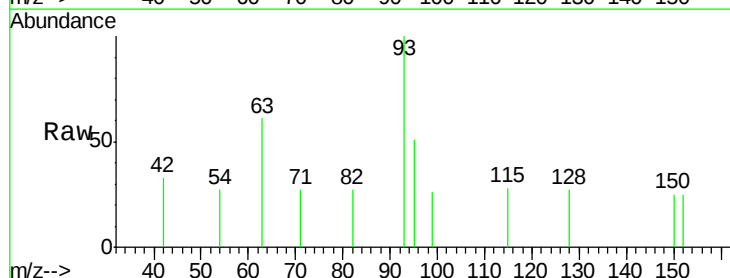
Tgt Ion: 93 Resp: 235

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

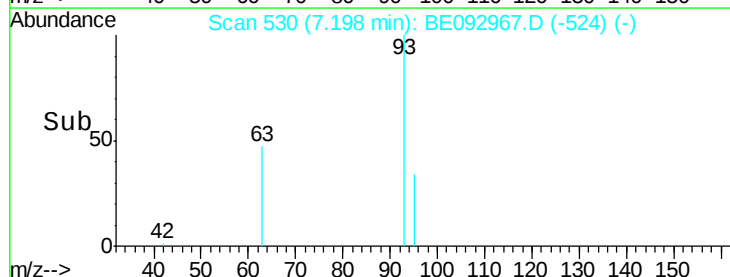
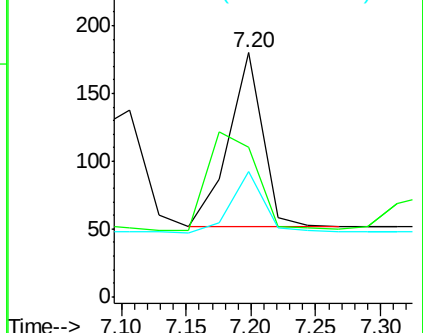
95 31.9 25.4 38.0

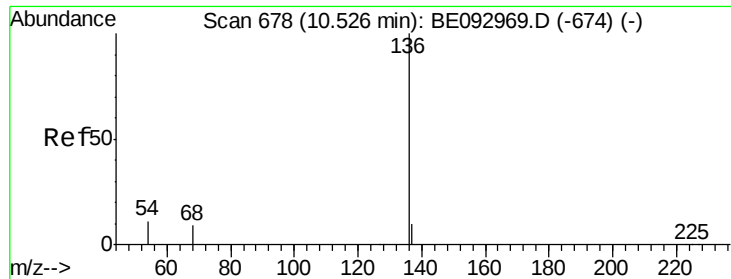


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 2744

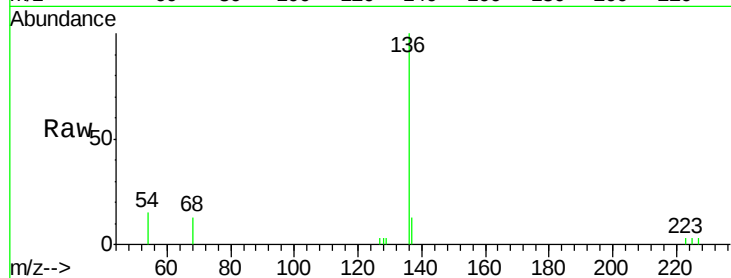
Ion Ratio Lower Upper

136 100

137 12.9 9.8 14.8

54 14.7 10.3 15.5

68 12.9 9.0 13.4

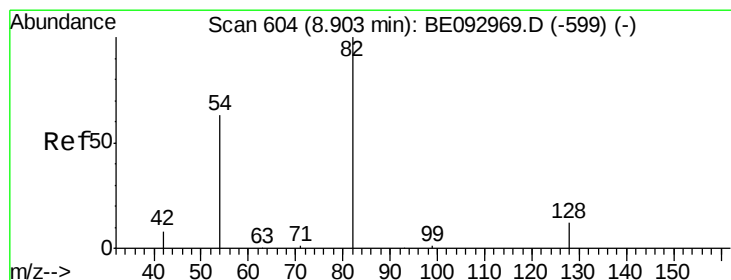
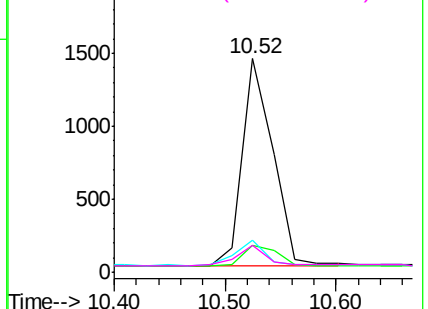
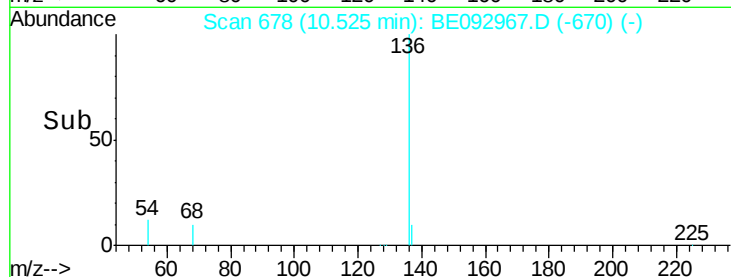


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.11 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

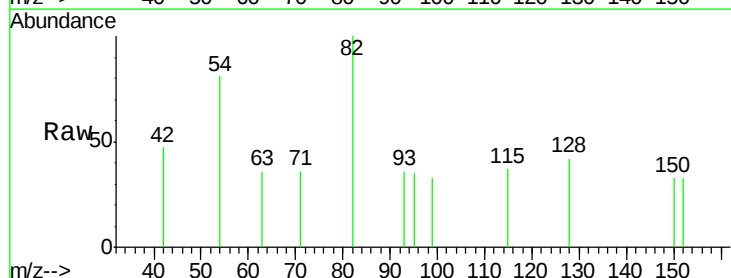
Tgt Ion: 82 Resp: 210

Ion Ratio Lower Upper

82 100

128 42.2 17.0 25.4#

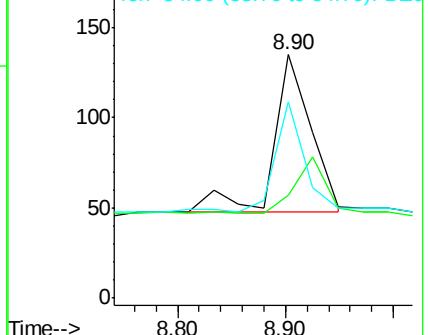
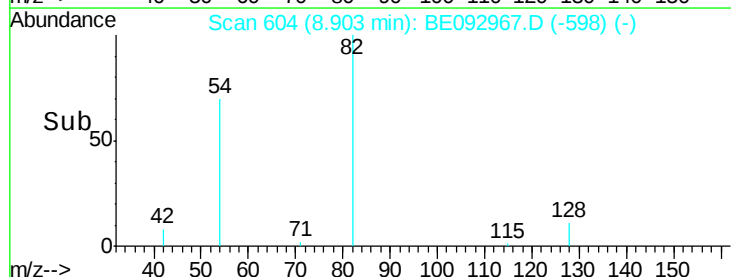
54 80.7 53.8 80.6#

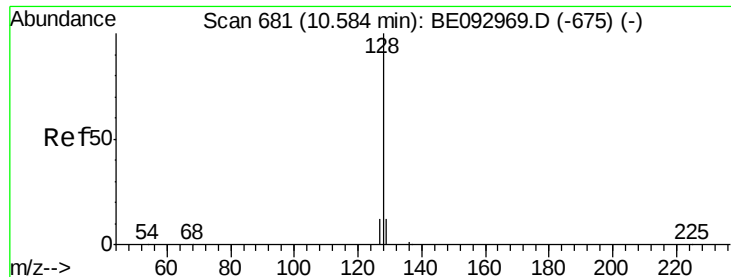


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.11 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

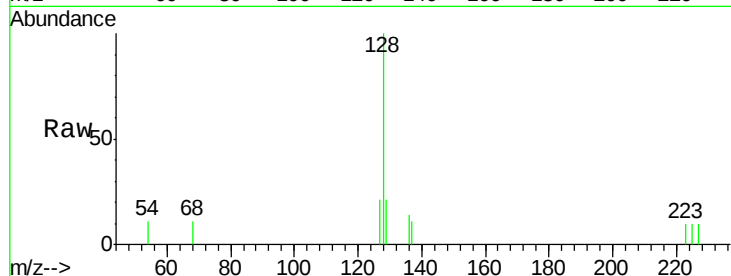
Tgt Ion:128 Resp: 793

Ion Ratio Lower Upper

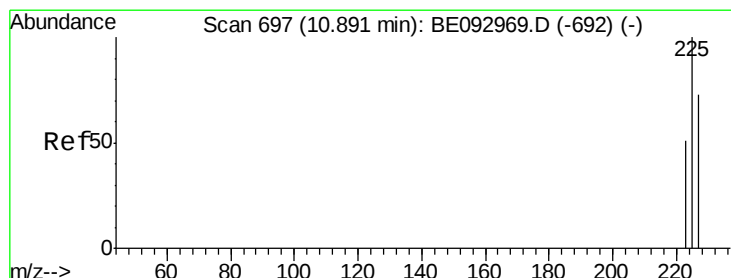
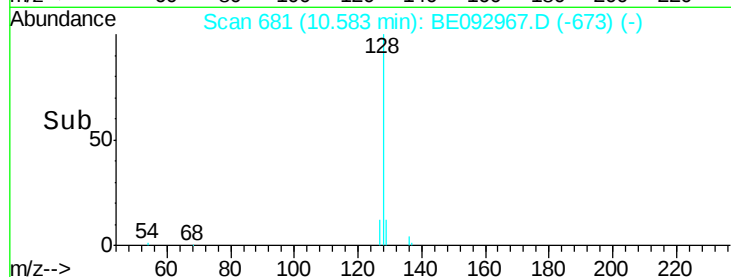
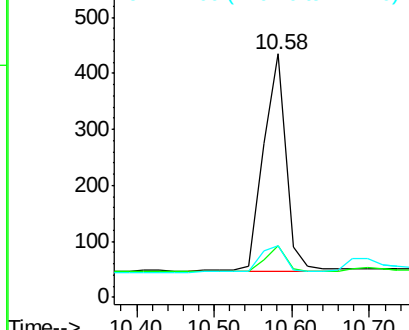
128 100

129 21.1 11.4 17.0#

127 21.1 11.2 16.8#



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: 0.11 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

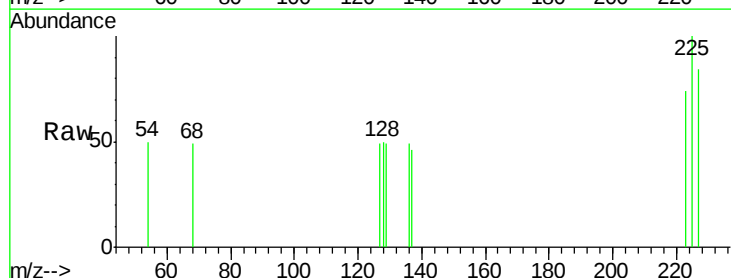
Tgt Ion:225 Resp: 113

Ion Ratio Lower Upper

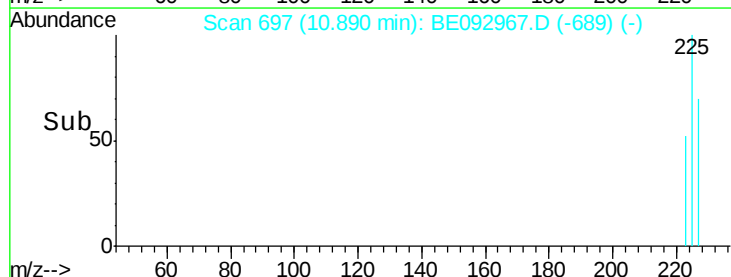
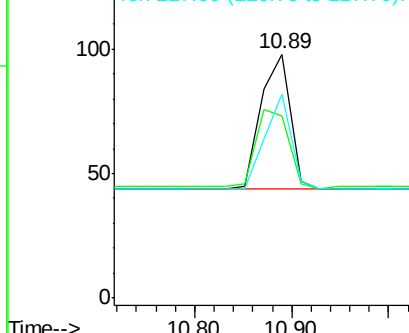
225 100

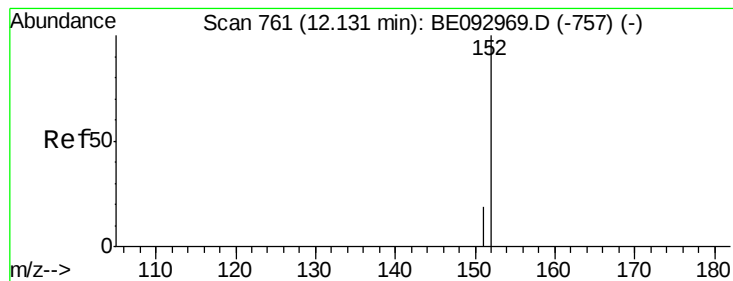
223 67.3 49.7 74.5

227 61.9 50.3 75.5



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: 0.09 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

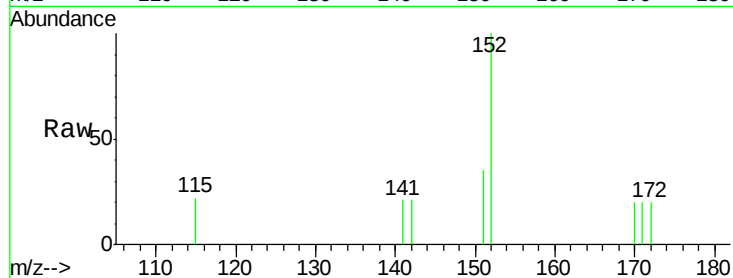
SSTDICC0.1

Tgt Ion:152 Resp: 370

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

200

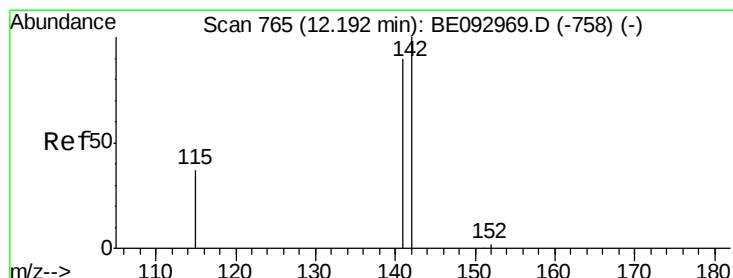
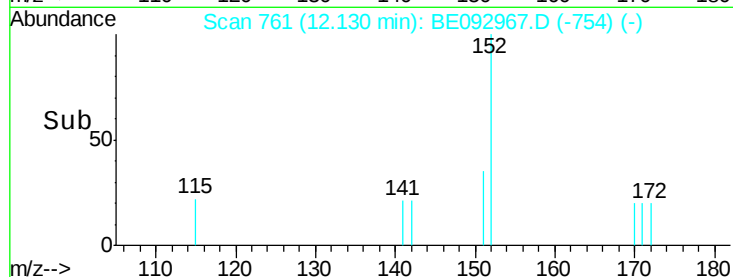
150

100

50

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

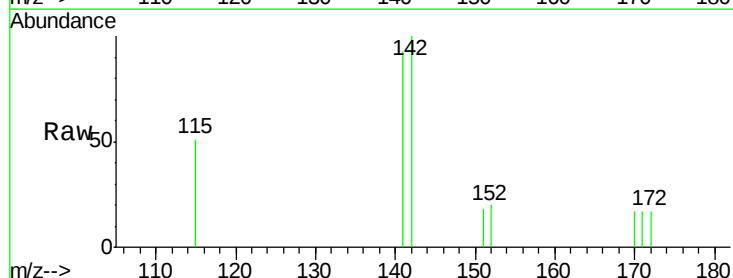
Tgt Ion:142 Resp: 402

Ion Ratio Lower Upper

142 100

141 93.1 72.6 108.8

115 51.4 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

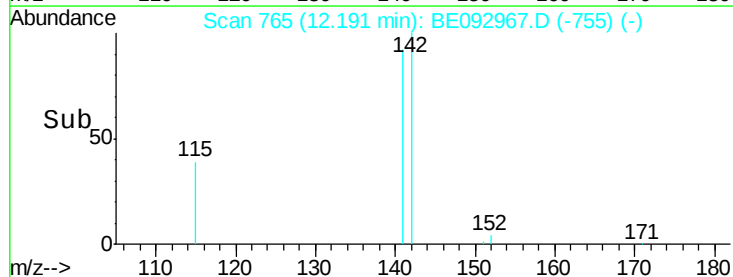
300

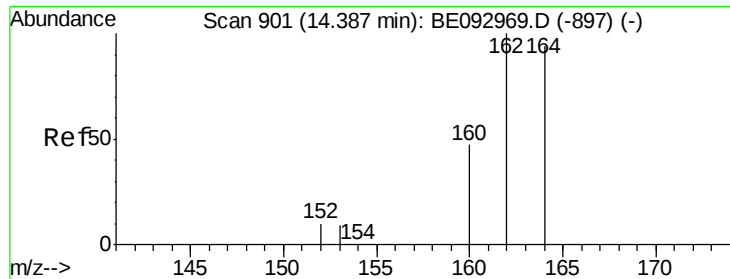
200

100

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

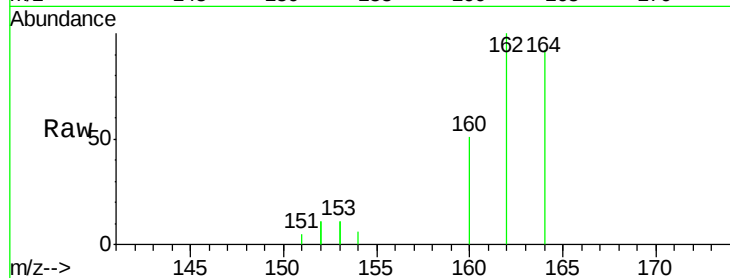
Tgt Ion:164 Resp: 1382

Ion Ratio Lower Upper

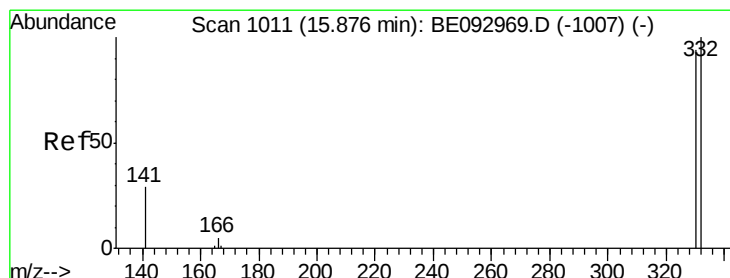
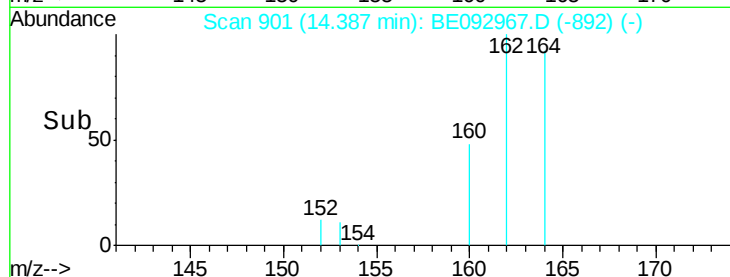
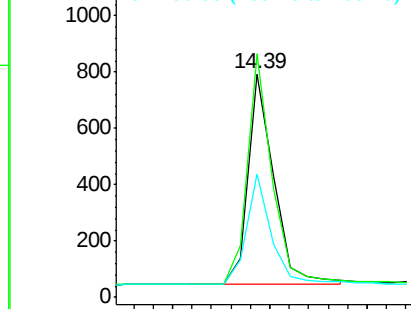
164 100

162 108.8 84.6 127.0

160 55.0 41.8 62.6



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: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

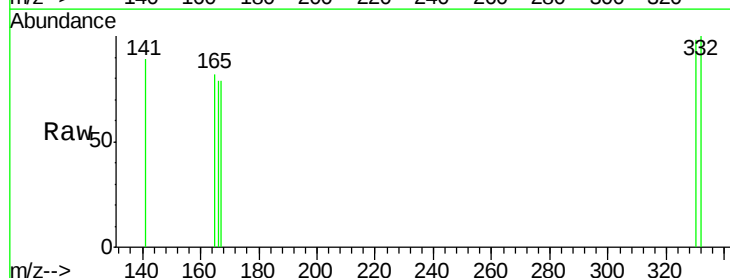
Tgt Ion:330 Resp: 41

Ion Ratio Lower Upper

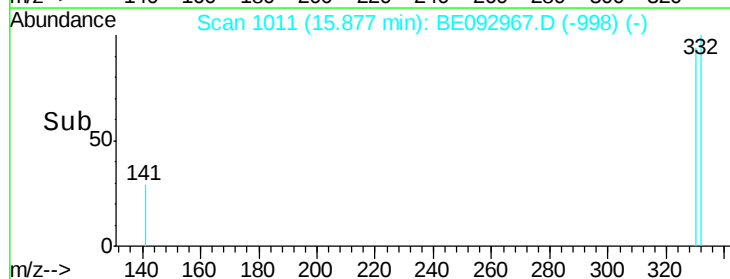
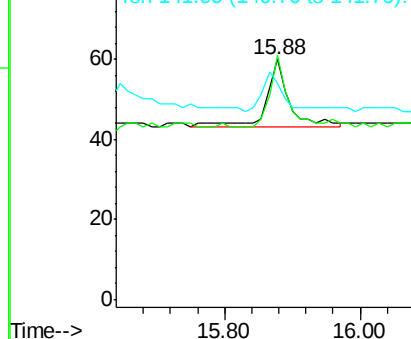
330 100

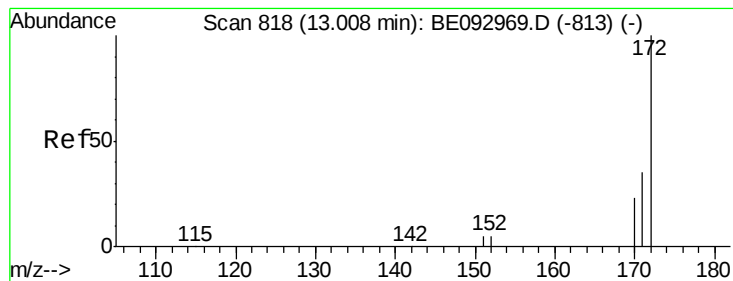
332 80.5 77.7 116.5

141 46.3 56.2 84.4#



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: 0.08 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

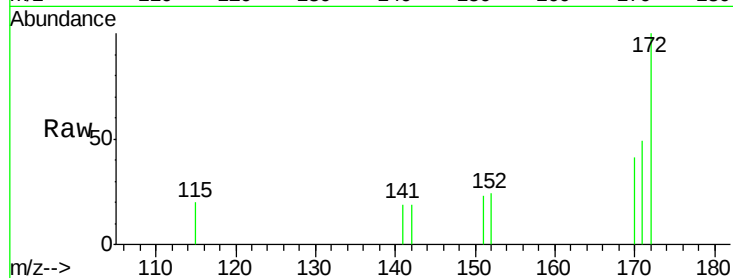
Tgt Ion:172 Resp: 481

Ion Ratio Lower Upper

172 100

171 49.4 29.8 44.6#

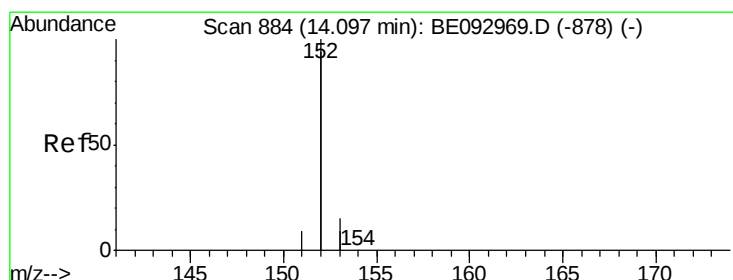
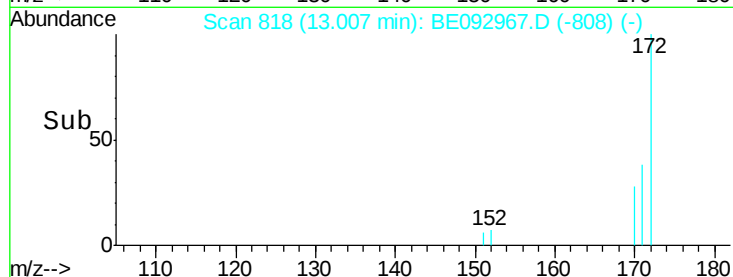
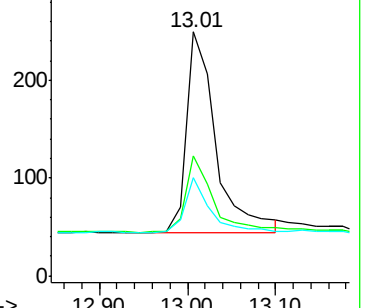
170 40.6 20.7 31.1#



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: 0.10 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

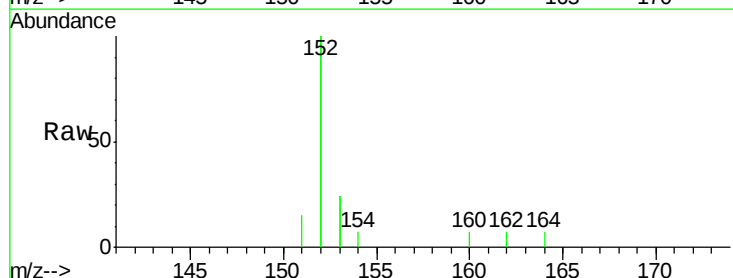
Tgt Ion:152 Resp: 2136

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

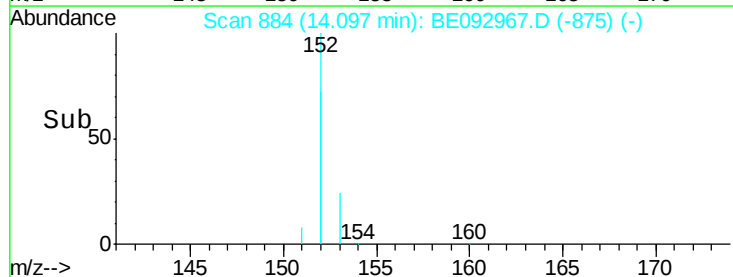
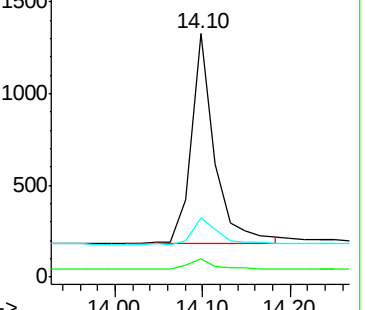
153 13.4 10.3 15.5

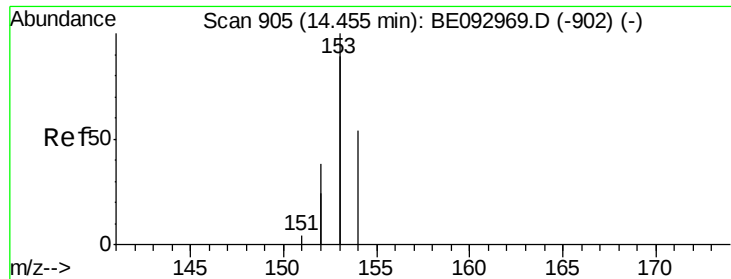


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

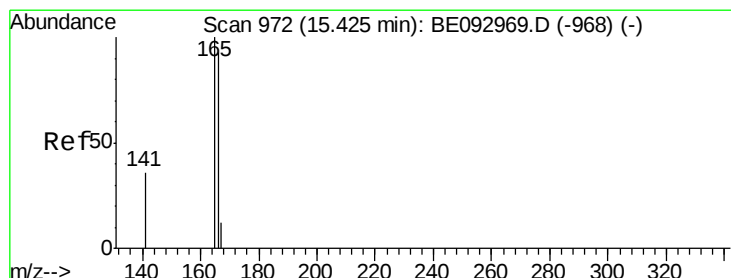
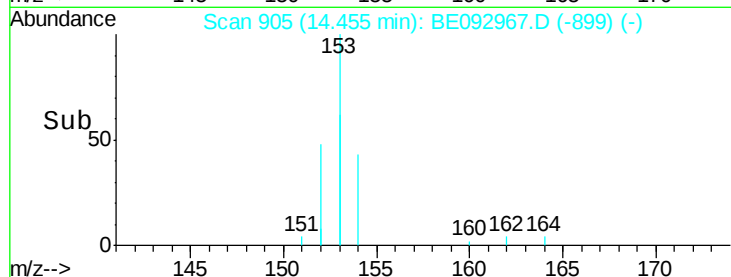
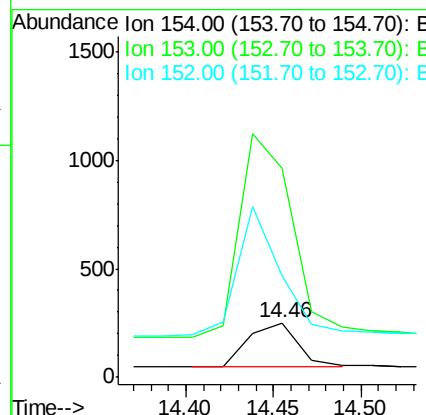
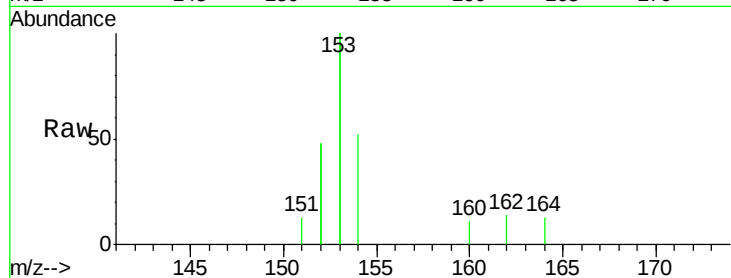




#17
Acenaphthene
Concen: 0.10 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

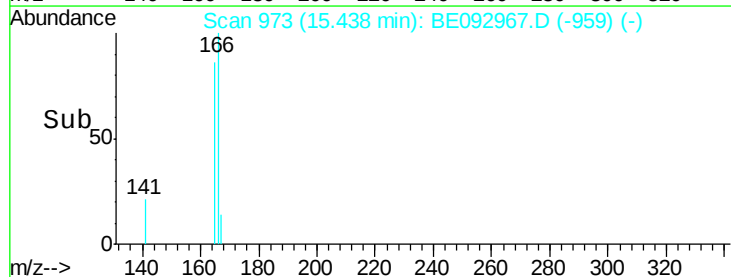
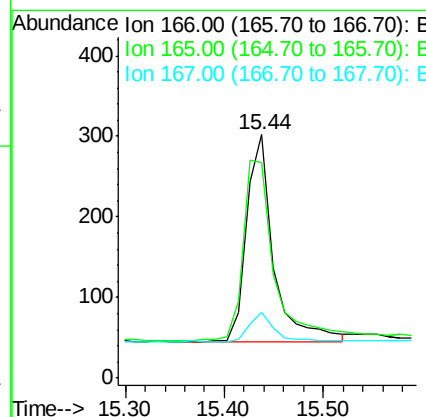
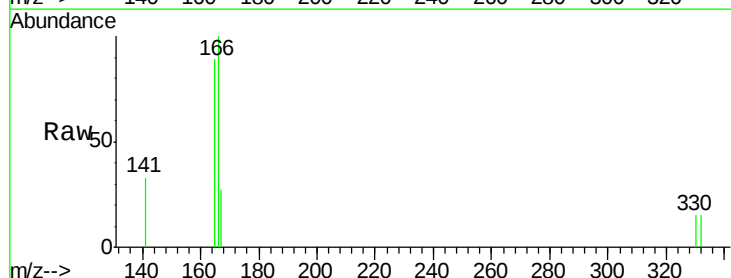
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

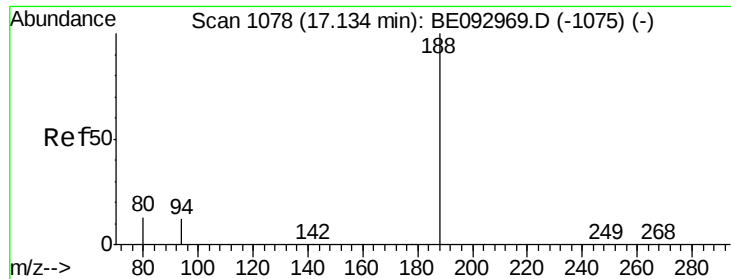
Tgt Ion:154 Resp: 422
Ion Ratio Lower Upper
154 100
153 472.7 367.8 551.6
152 244.5 188.2 282.2



#18
Fluorene
Concen: 0.09 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

Tgt Ion:166 Resp: 486
Ion Ratio Lower Upper
166 100
165 100.4 78.6 117.8
167 14.2 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

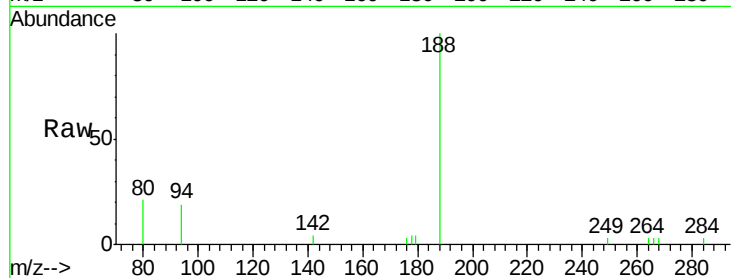
Tgt Ion:188 Resp: 3074

Ion Ratio Lower Upper

188 100

94 19.3 11.3 16.9#

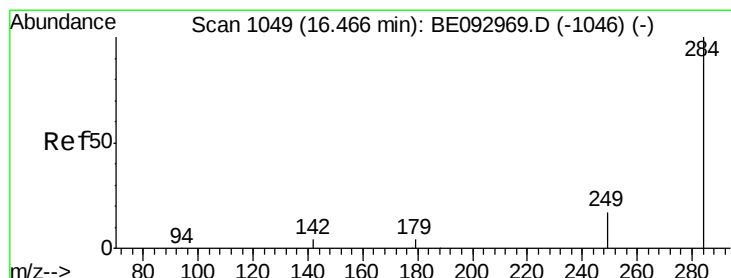
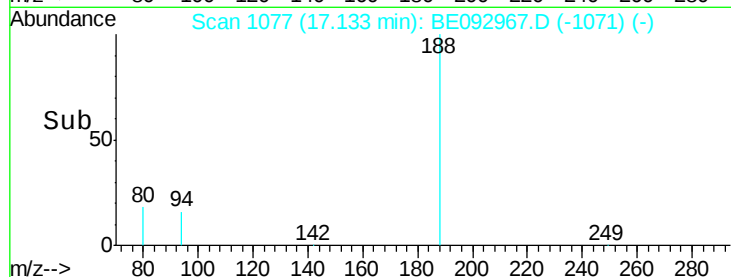
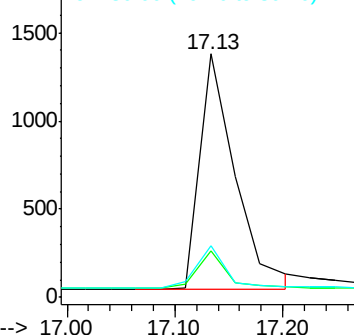
80 21.1 11.7 17.5#



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: 0.13 ng

RT: 16.46 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

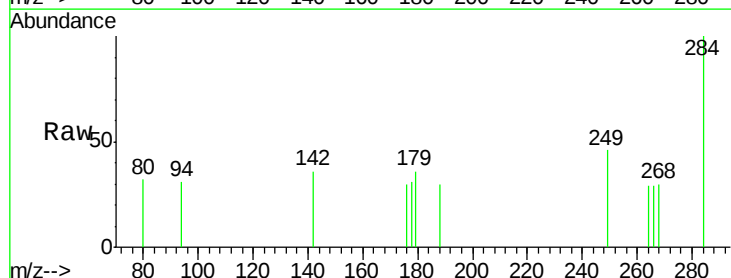
Tgt Ion:284 Resp: 173

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

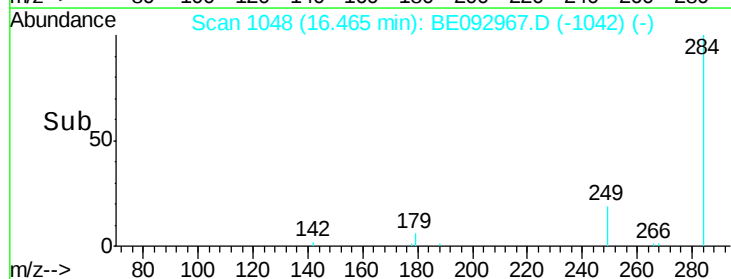
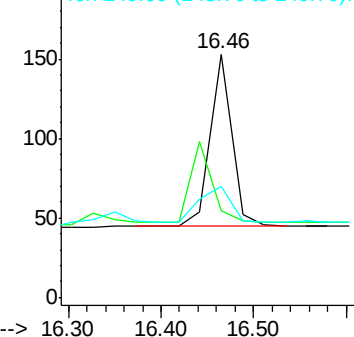
249 31.2 0.0 0.0#

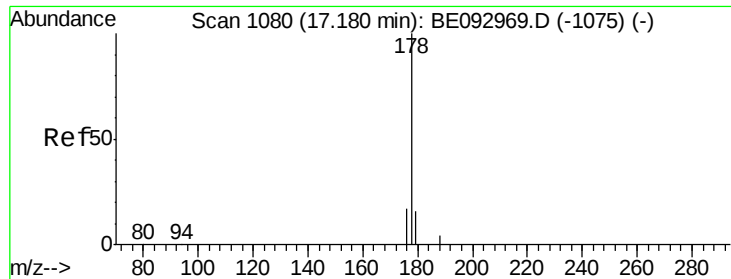


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Phenanthrene

Concen: 0.11 ng

RT: 17.18 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

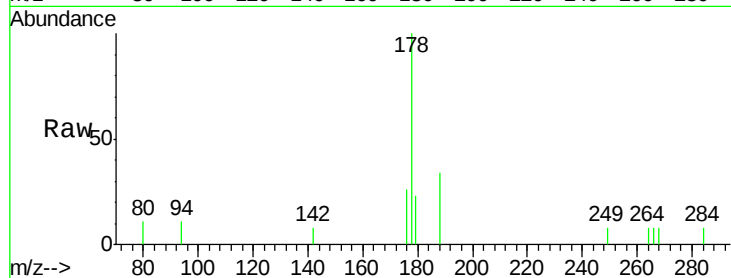
Tgt Ion:178 Resp: 957

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

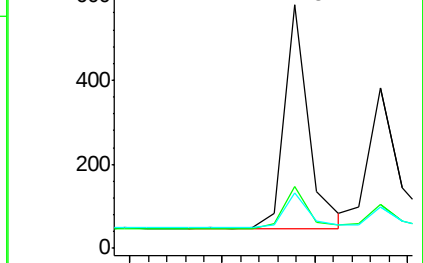
179 16.2 12.7 19.1



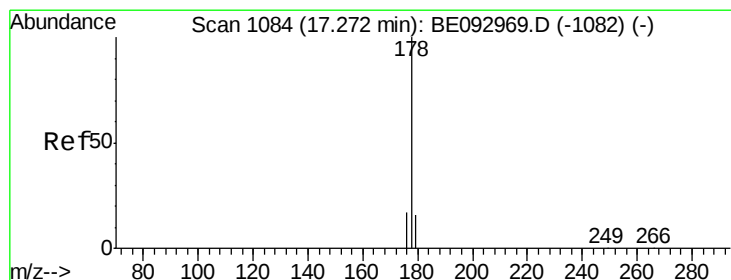
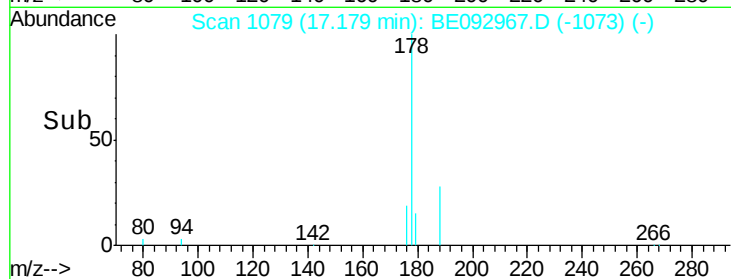
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#23

Anthracene

Concen: 0.10 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

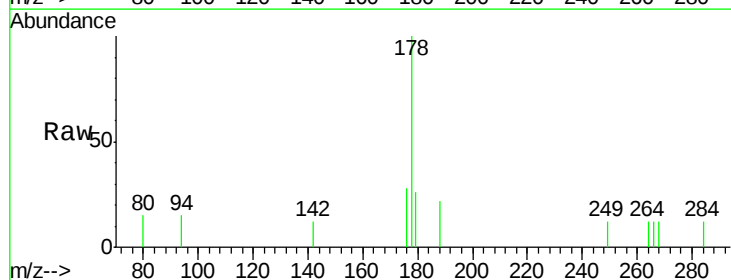
Tgt Ion:178 Resp: 688

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

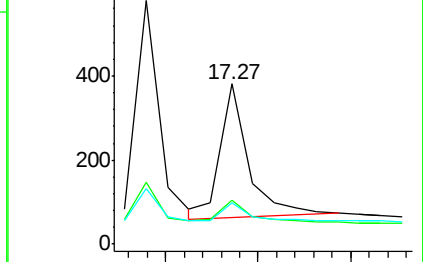
179 13.2 12.0 18.0



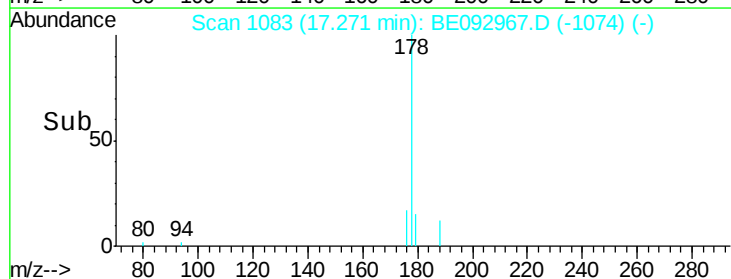
Abundance Ion 178.00 (177.70 to 178.70): E

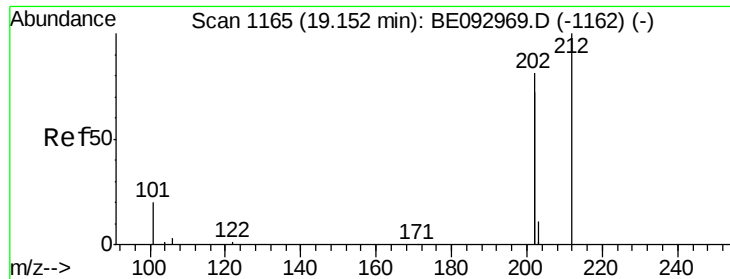
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#24

Fluoranthene-d10

Concen: 0.13 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

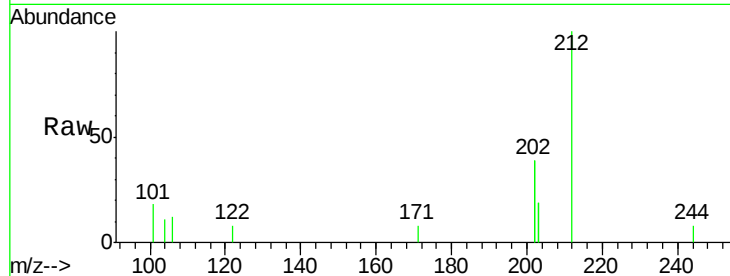
Tgt Ion:212 Resp: 905

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

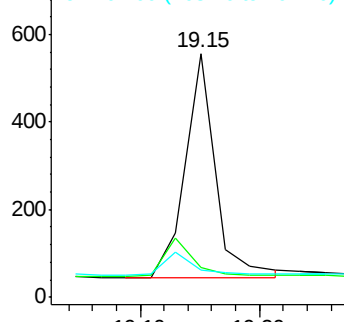
104 0.0 0.0 0.0



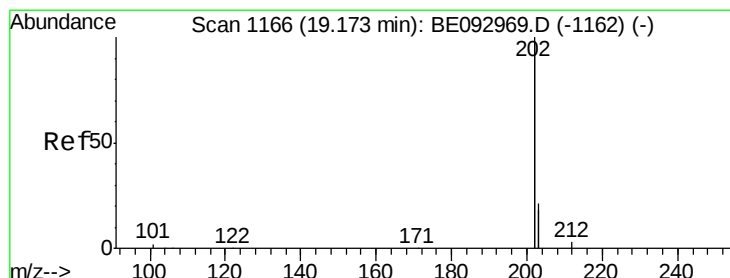
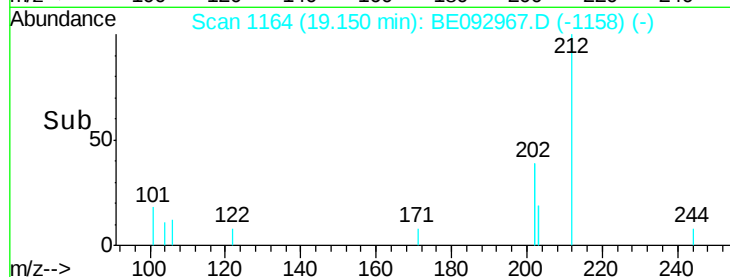
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#25

Fluoranthene

Concen: 0.12 ng

RT: 19.17 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

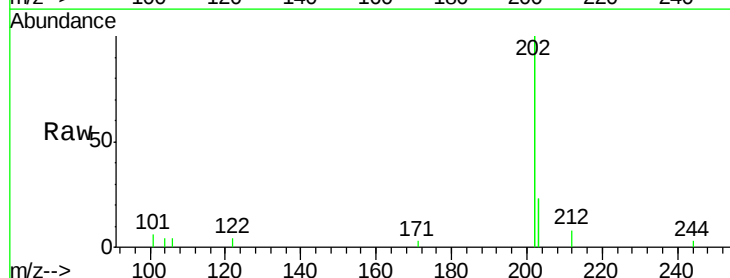
Tgt Ion:202 Resp: 4401

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

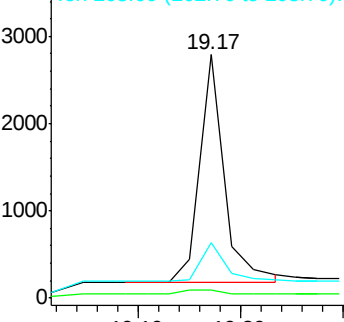
203 16.7 14.4 21.6



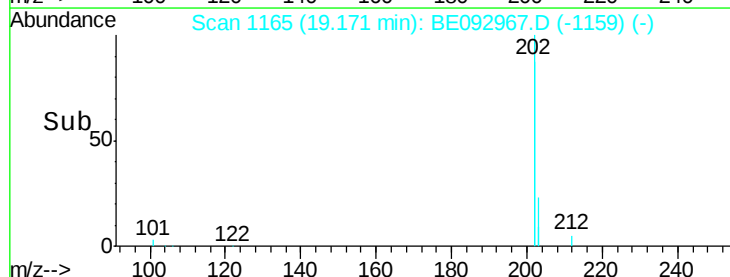
Abundance Ion 202.00 (201.70 to 202.70): E

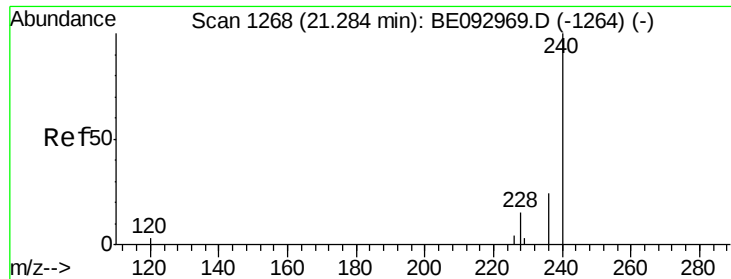
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

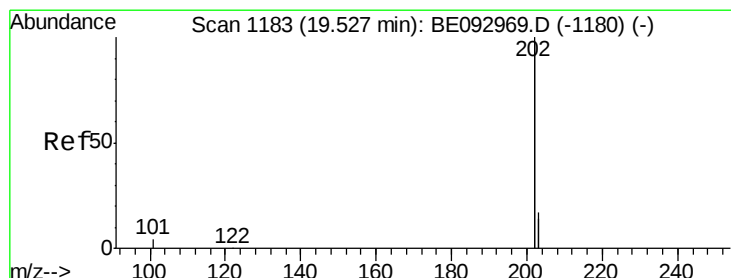
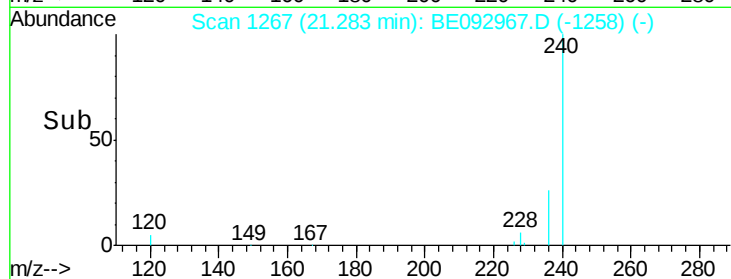
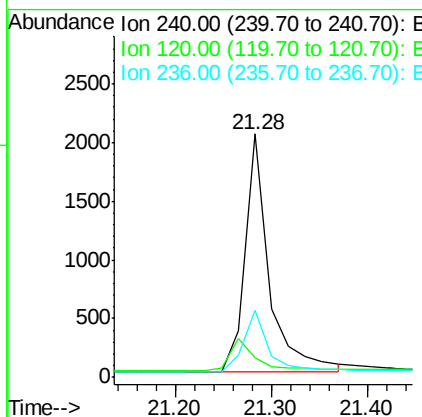
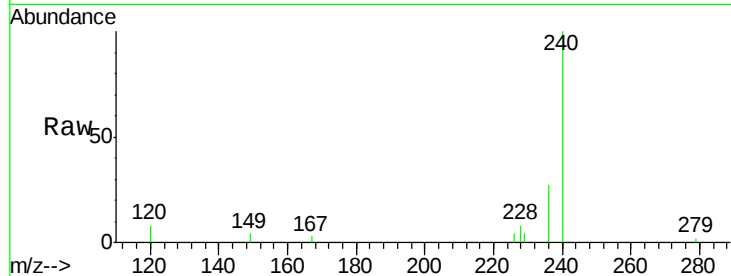




#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

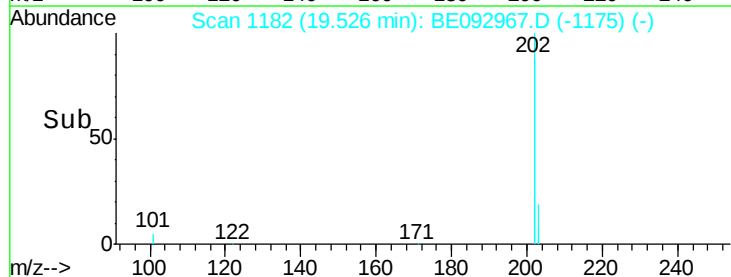
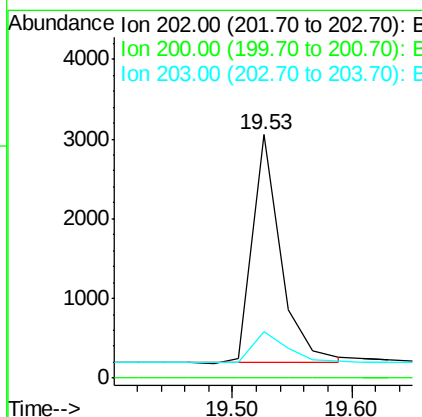
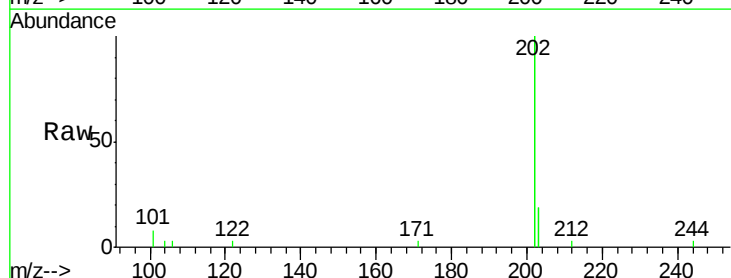
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

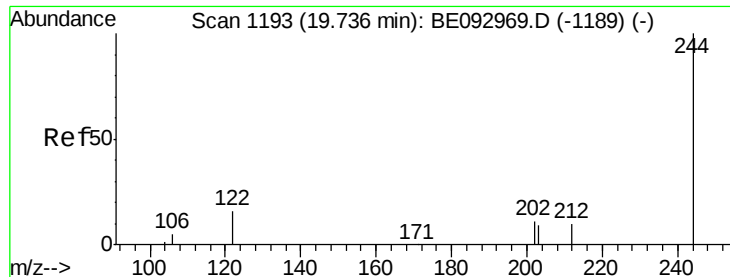
Tgt Ion: 240 Resp: 3558
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 27.4 20.8 31.2



#27
Pyrene
Concen: 0.10 ng
RT: 19.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

Tgt Ion: 202 Resp: 4754
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 16.7 13.7 20.5





#28

Terphenyl-d14

Concen: 0.08 ng

RT: 19.76 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

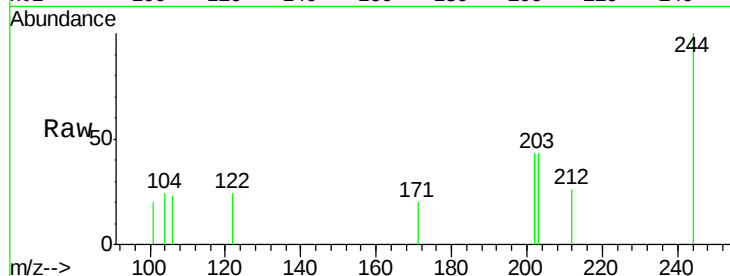
Tgt Ion:244 Resp: 503

Ion Ratio Lower Upper

244 100

212 25.7 10.6 16.0#

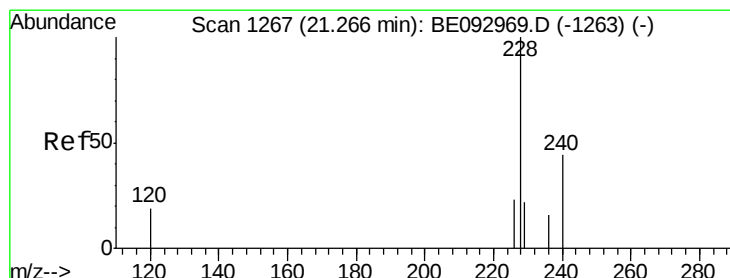
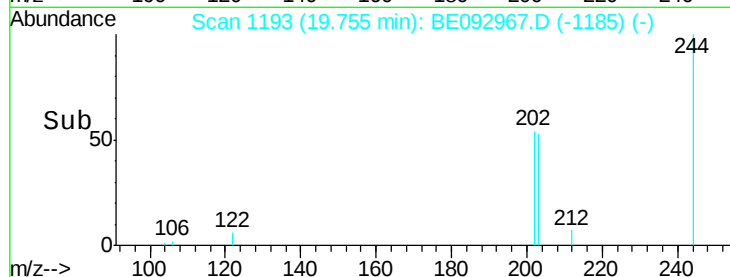
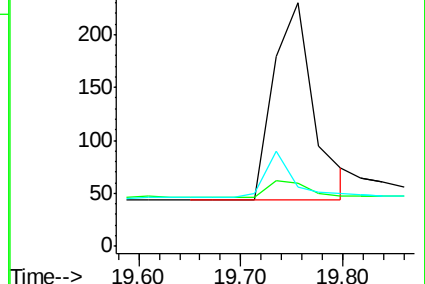
122 24.3 15.4 23.0#



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: 0.10 ng

RT: 21.27 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

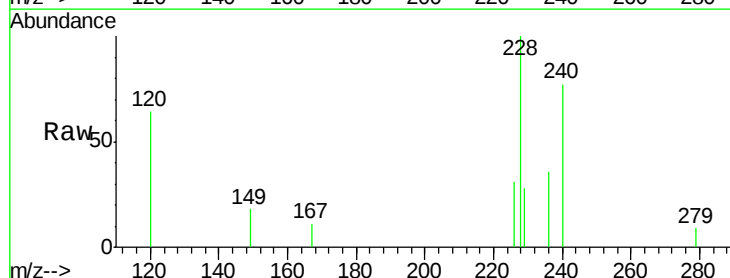
Tgt Ion:228 Resp: 799

Ion Ratio Lower Upper

228 100

226 31.1 19.7 29.5#

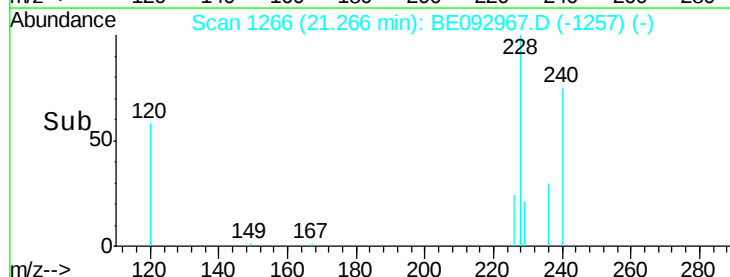
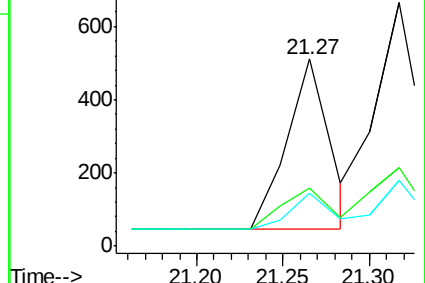
229 28.0 19.2 28.8

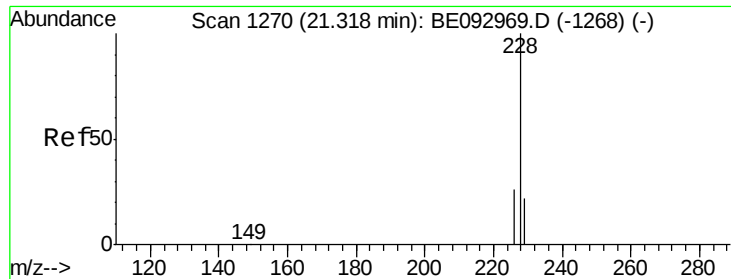


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Chrysene

Concen: 0.12 ng

RT: 21.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

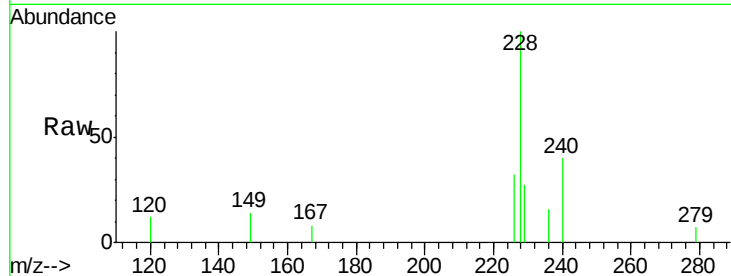
Tgt Ion:228 Resp: 1241

Ion Ratio Lower Upper

228 100

226 32.1 21.5 32.3

229 26.7 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

21.32

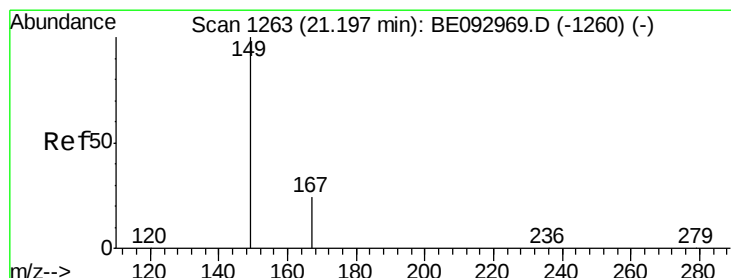
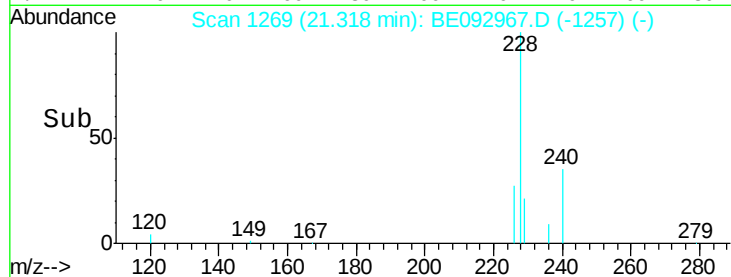
600

400

200

0

Time--> 21.20 21.30 21.40 21.50



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 21.20 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

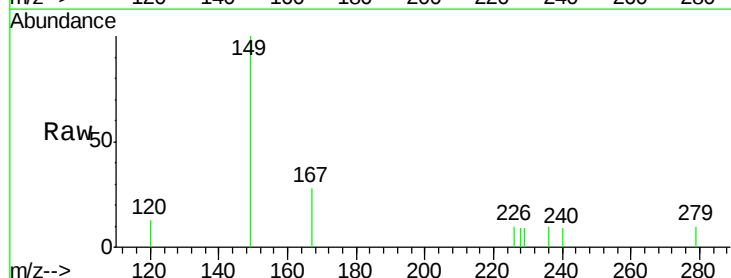
Tgt Ion:149 Resp: 514

Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

279 3.3 2.2 3.4



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

21.20

600

500

400

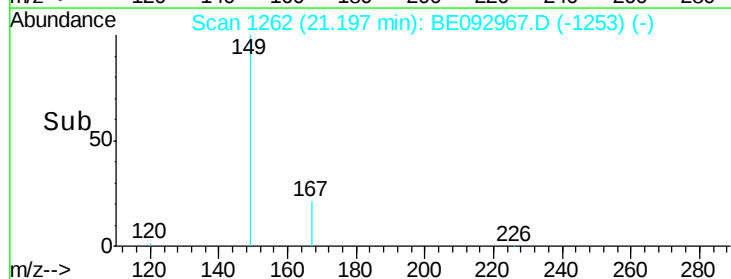
300

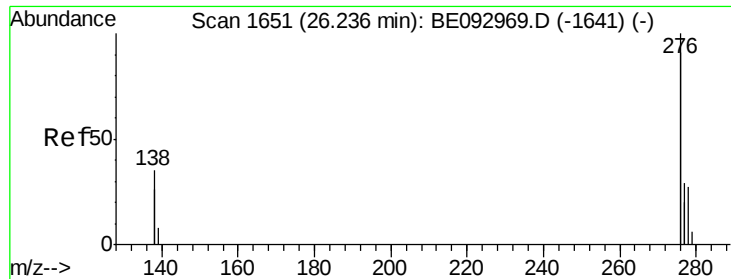
200

100

0

Time--> 21.10 21.20 21.30

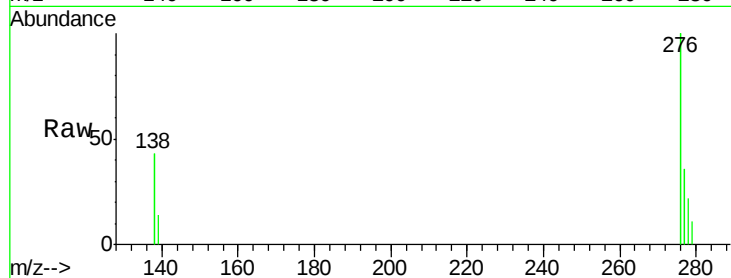




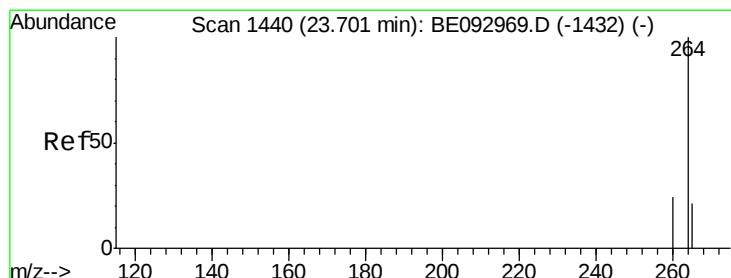
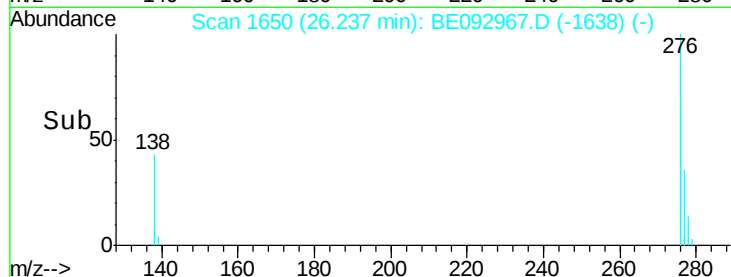
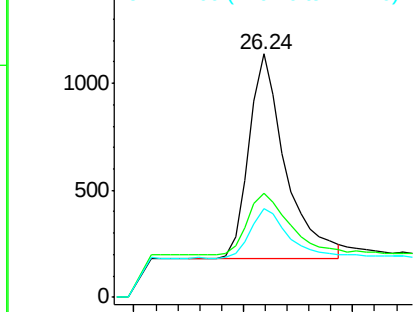
#32
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.24 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 276 Resp: 4453
Ion Ratio Lower Upper
276 100
138 34.1 27.4 41.2
277 25.0 20.1 30.1

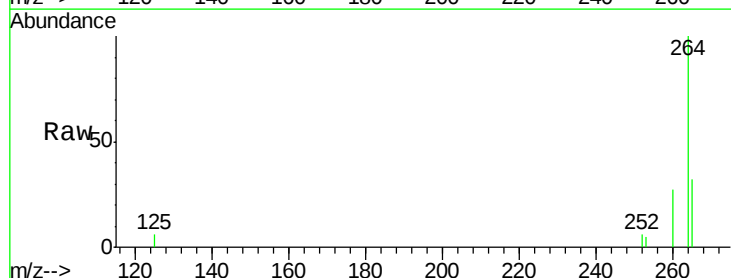


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

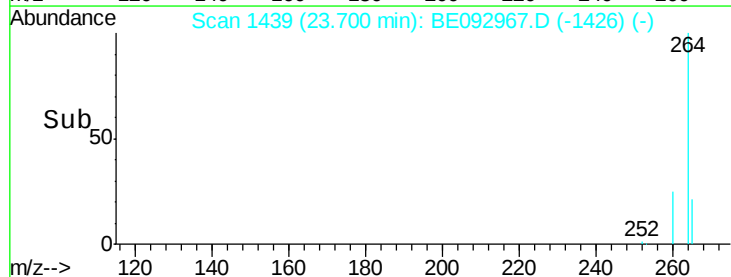
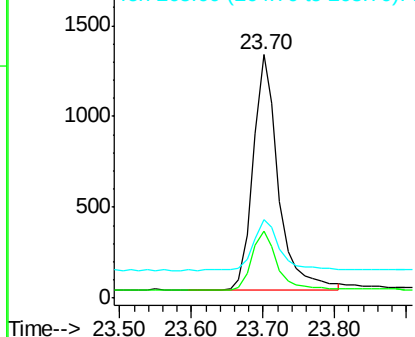


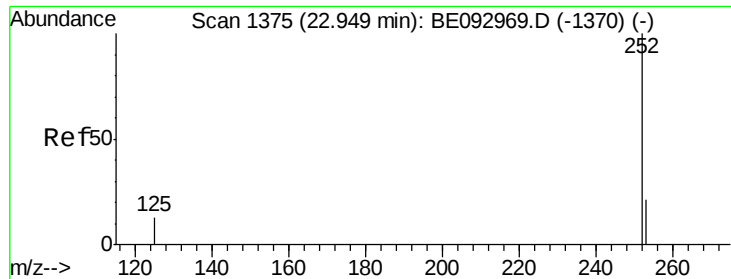
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE092967.D
Acq: 9 May 2017 17:21

Tgt Ion: 264 Resp: 3201
Ion Ratio Lower Upper
264 100
260 27.3 21.0 31.4
265 32.1 24.6 36.8



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: 0.10 ng

RT: 22.96 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

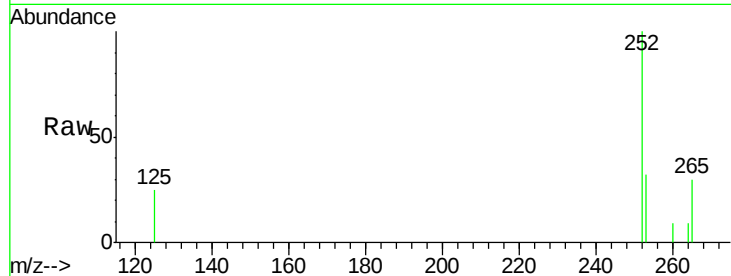
Tgt Ion:252 Resp: 992

Ion Ratio Lower Upper

252 100

253 32.2 18.5 27.7#

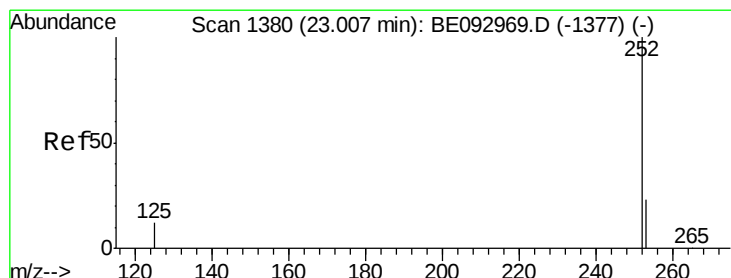
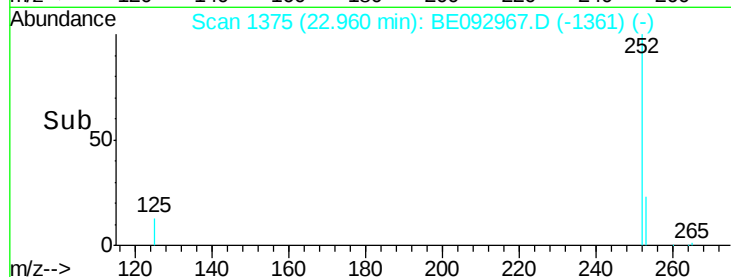
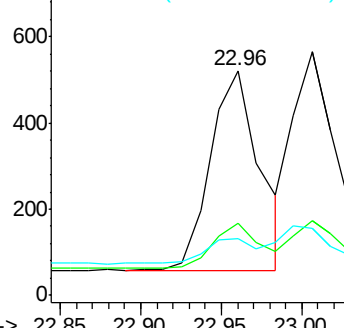
125 25.1 13.4 20.0#



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: 0.10 ng

RT: 23.01 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

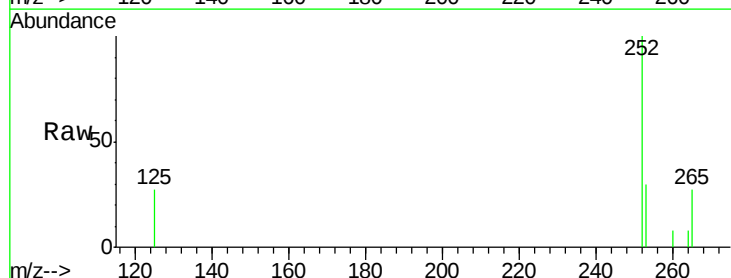
Tgt Ion:252 Resp: 1016

Ion Ratio Lower Upper

252 100

253 30.4 20.3 30.5

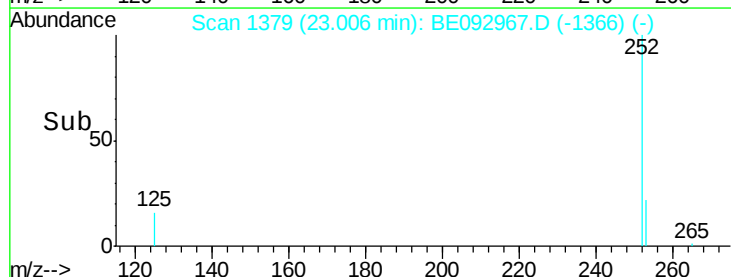
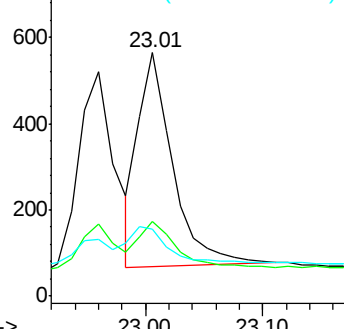
125 27.3 12.2 18.4#

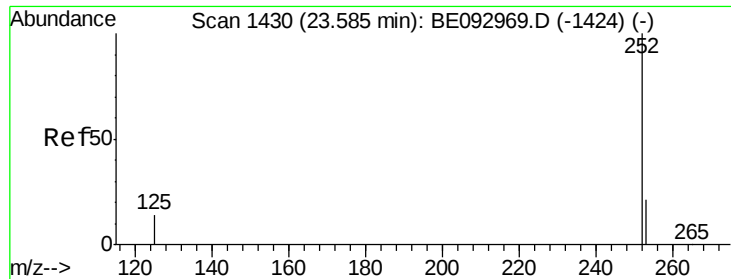


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.58 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

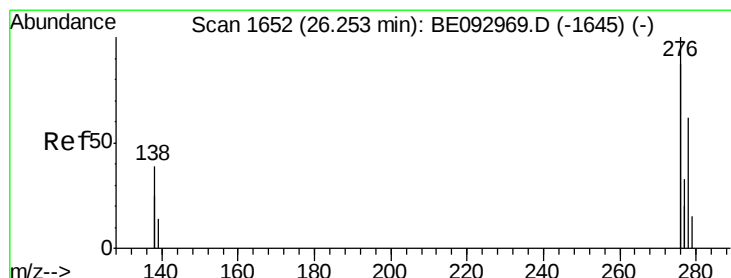
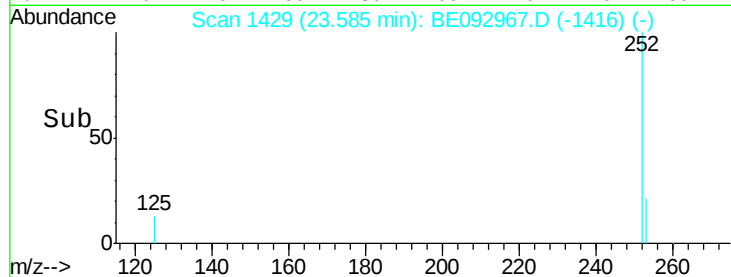
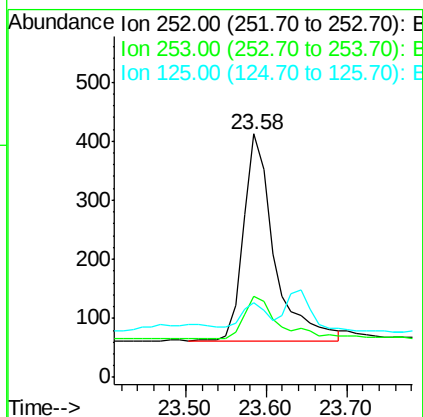
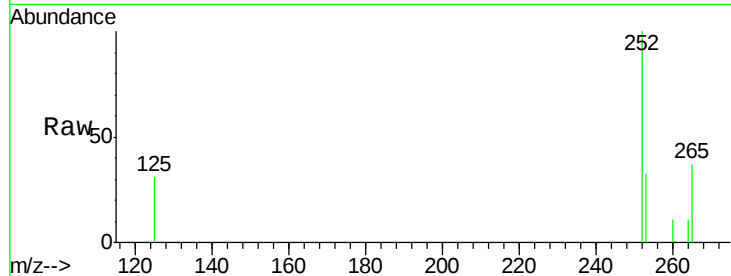
Tgt Ion: 252 Resp: 935

Ion Ratio Lower Upper

252 100

253 33.3 19.9 29.9#

125 30.8 14.6 21.8#



#37

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.27 min Scan# 1652

Delta R.T. 0.02 min

Lab File: BE092967.D

Acq: 9 May 2017 17:21

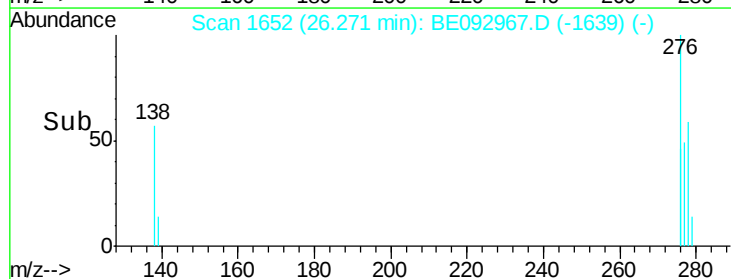
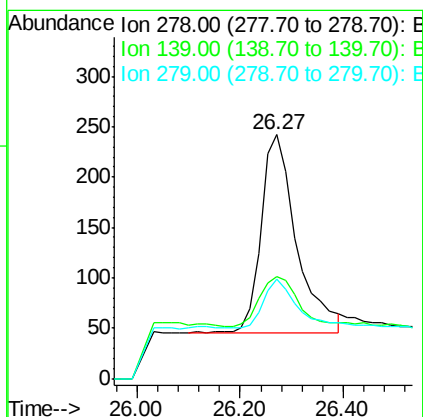
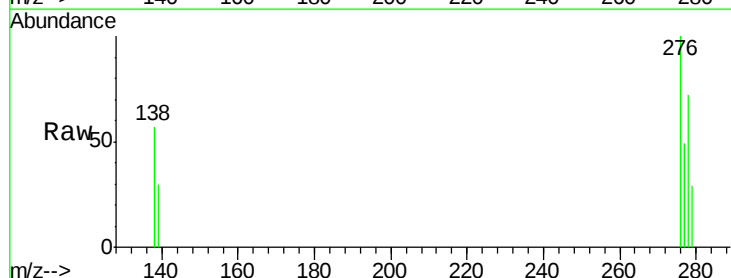
Tgt Ion: 278 Resp: 936

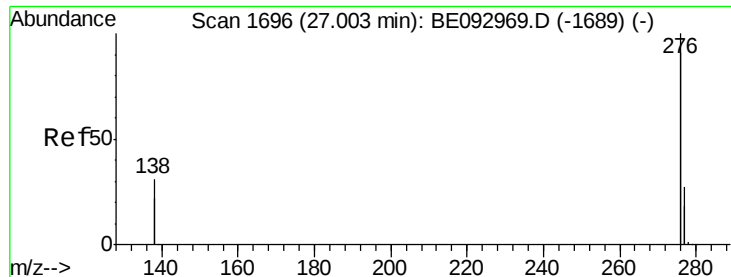
Ion Ratio Lower Upper

278 100

139 41.7 21.4 32.0#

279 40.5 22.2 33.2#





#38

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 27.00 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE092967.D

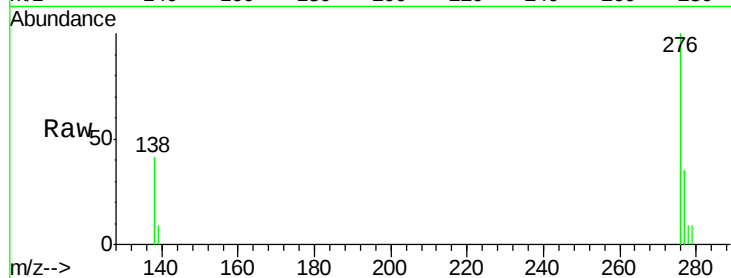
Acq: 9 May 2017 17:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



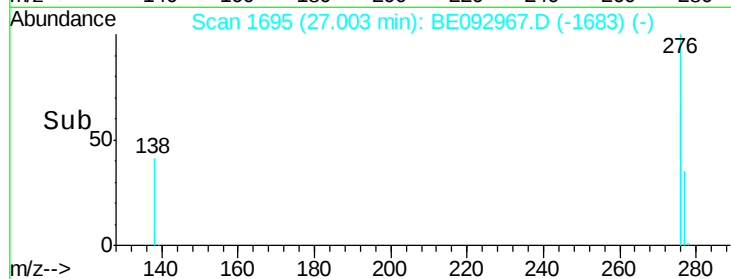
Tgt Ion: 276 Resp: 4147

Ion Ratio Lower Upper

276 100

277 35.1 21.2 31.8#

138 41.0 24.5 36.7#



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

