

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092969.D
 Acq On : 9 May 2017 18:36
 Operator : SJ/MA
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

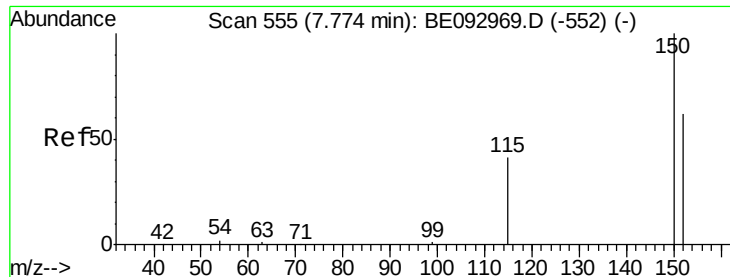
Quant Time: May 10 02:14:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 02:13:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	797	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3271	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1611	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3945	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4065	0.40	ng	0.00
33) Perylene-d12	23.70	264	3625	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	841	0.45	ng	0.00
5) Phenol-d6	6.94	99	1024	0.40	ng	0.00
8) Nitrobenzene-d5	8.90	82	963	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1713	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	138	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2330	0.32	ng	0.00
24) Fluoranthene-d10	19.15	212	3698	0.40	ng	0.00
28) Terphenyl-d14	19.74	244	2412	0.35	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	613	0.40	ng	100
3) n-Nitrosodimethylamine	3.61	42	527	0.43	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	1041	0.36	ng	# 100
9) Naphthalene	10.58	128	3345	0.38	ng	100
10) Hexachlorobutadiene	10.89	225	488	0.40	ng	100
12) 2-Methylnaphthalene	12.19	142	1865	0.35	ng	100
16) Acenaphthylene	14.10	152	9936	0.38	ng	100
17) Acenaphthene	14.46	154	1889	0.37	ng	100
18) Fluorene	15.43	166	2348	0.37	ng	100
20) Hexachlorobenzene	16.47	284	691	0.40	ng	# 100
21) Pentachlorophenol	16.81	266	169	0.48	ng	100
22) Phenanthrene	17.18	178	4140	0.37	ng	100
23) Anthracene	17.27	178	3309	0.39	ng	100
25) Fluoranthene	19.17	202	19119	0.40	ng	# 100
27) Pyrene	19.53	202	20933	0.40	ng	# 100
29) Benzo(a)anthracene	21.27	228	3543	0.37	ng	100
30) Chrysene	21.32	228	4904	0.40	ng	100
31) Bis(2-ethylhexyl)phthalate	21.20	149	1575	0.55	ng	100
32) Indeno(1,2,3-cd)pyrene	26.24	276	17266	0.39	ng	100
34) Benzo(b)fluoranthene	22.95	252	3783	0.32	ng	100
35) Benzo(k)fluoranthene	23.01	252	4513	0.38	ng	100
36) Benzo(a)pyrene	23.59	252	3615	0.37	ng	100
37) Dibenzo(a,h)anthracene	26.25	278	3755	0.34	ng	100
38) Benzo(g,h,i)perylene	27.00	276	16308	0.35	ng	100

(#) = 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

Lab File: BE092969.D

Acq: 9 May 2017 18:36

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ClientSampleId :

SSTDICCC0.4

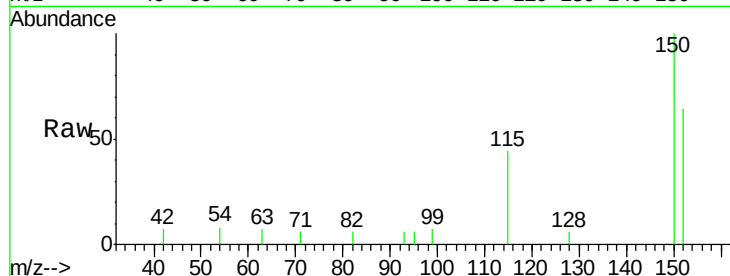
Tgt Ion: 152 Resp: 797

Ion Ratio Lower Upper

152 100

150 156.4 125.1 187.7

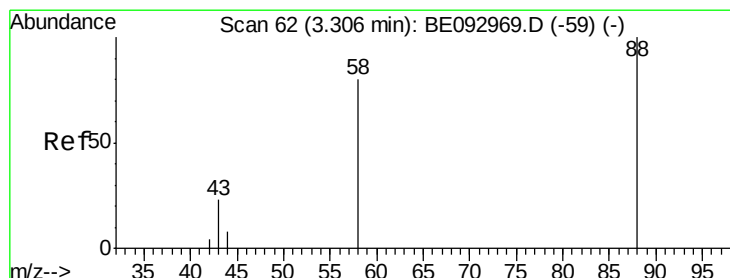
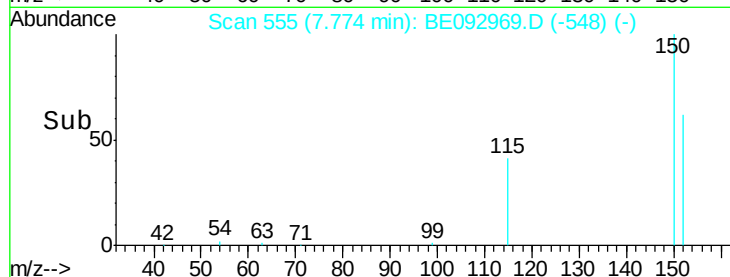
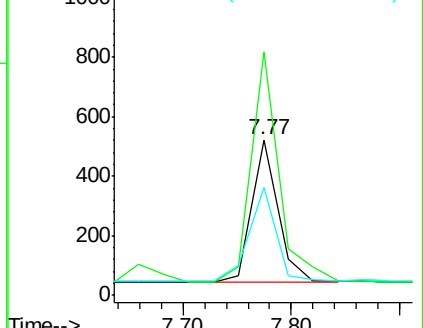
115 69.6 55.7 83.5



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: 0.40 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

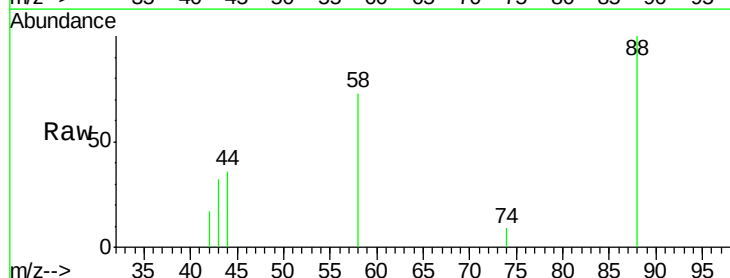
Tgt Ion: 88 Resp: 613

Ion Ratio Lower Upper

88 100

58 77.8 62.2 93.4

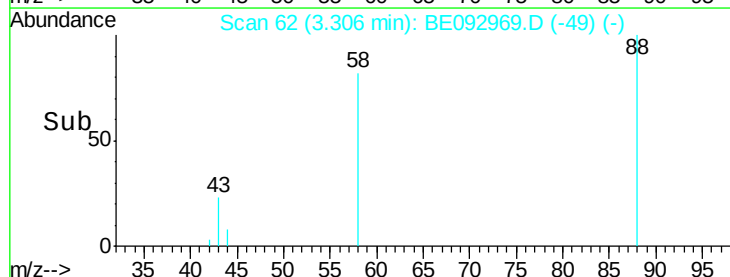
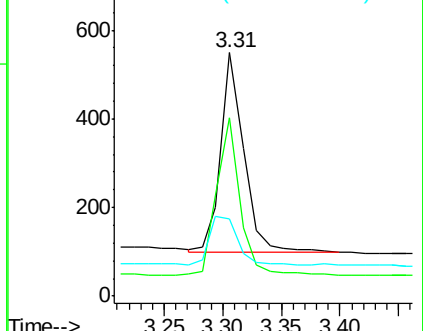
43 29.0 23.2 34.8

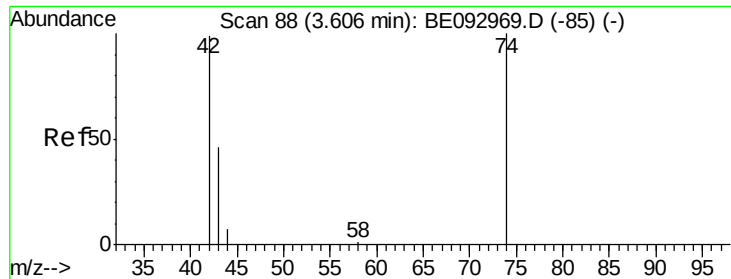


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.43 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

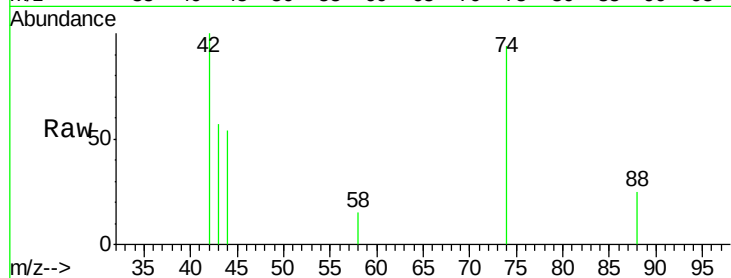
Tgt Ion: 42 Resp: 527

Ion Ratio Lower Upper

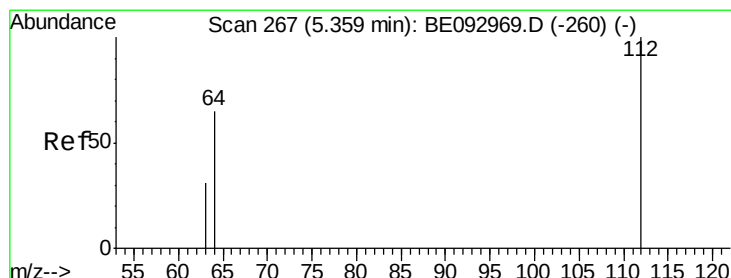
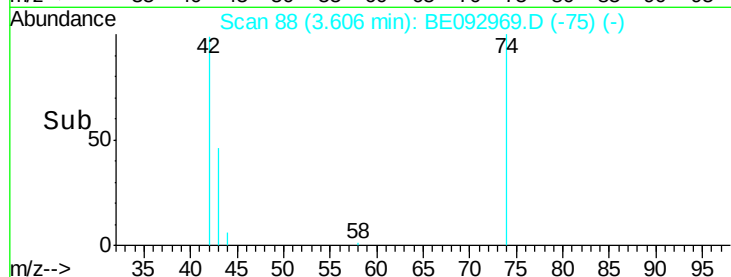
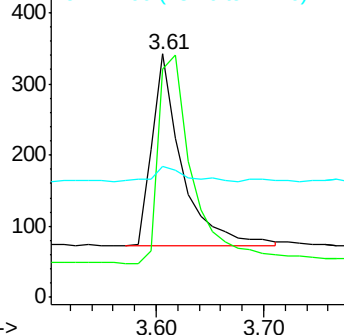
42 100

74 123.9 99.1 148.7

44 9.3 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: 0.45 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

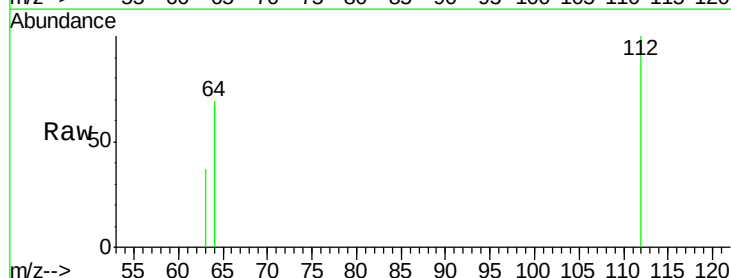
Tgt Ion: 112 Resp: 841

Ion Ratio Lower Upper

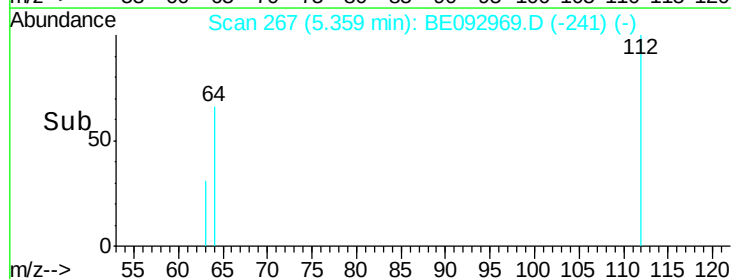
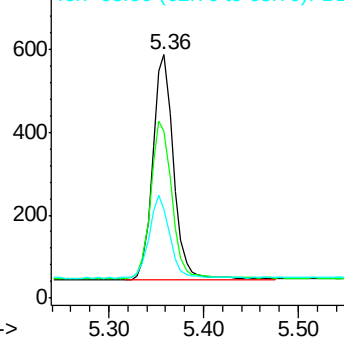
112 100

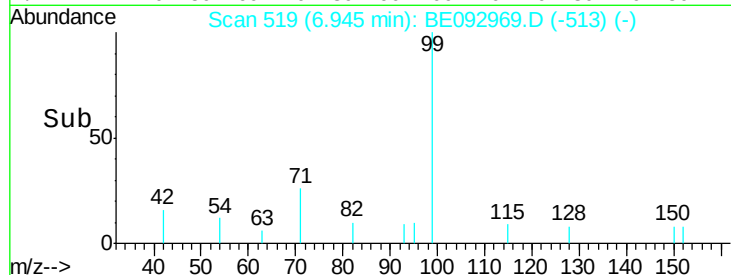
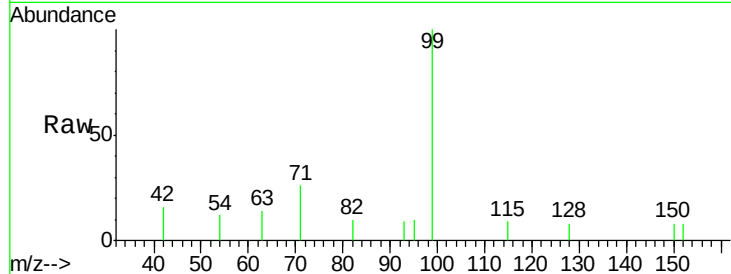
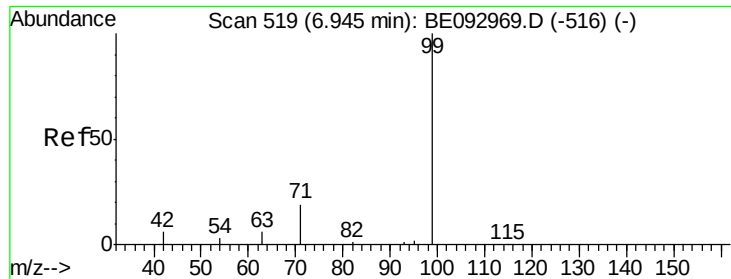
64 70.5 56.4 84.6

63 36.6 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: 0.40 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

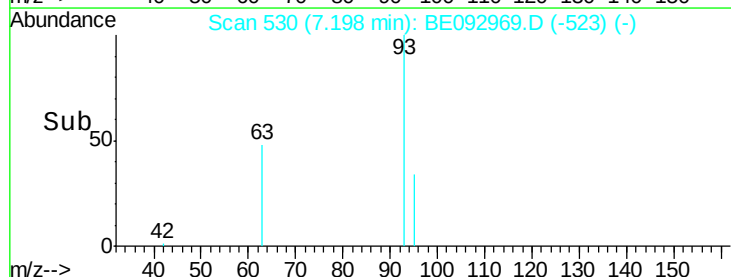
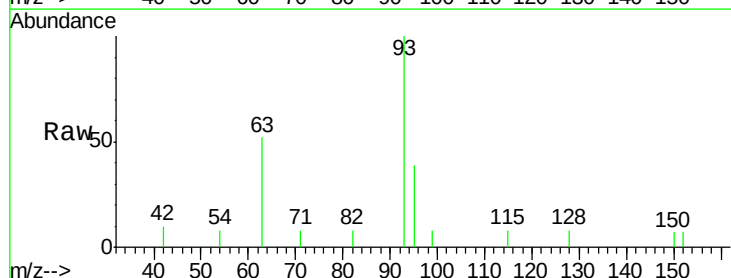
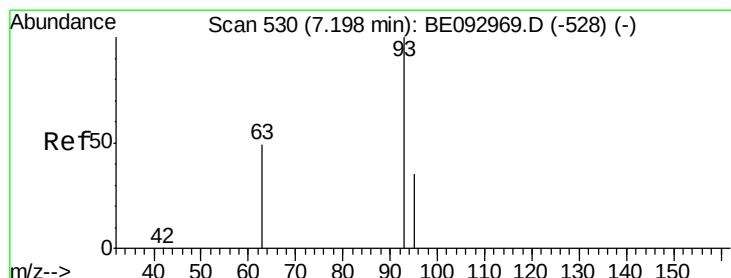
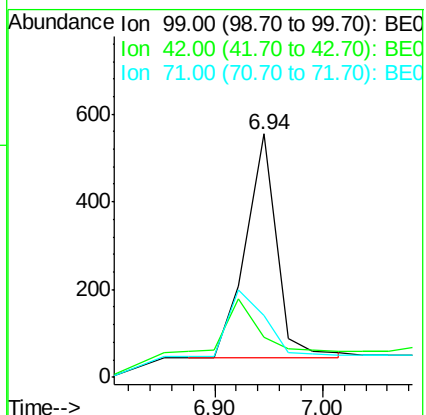
Tgt Ion: 99 Resp: 1024

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

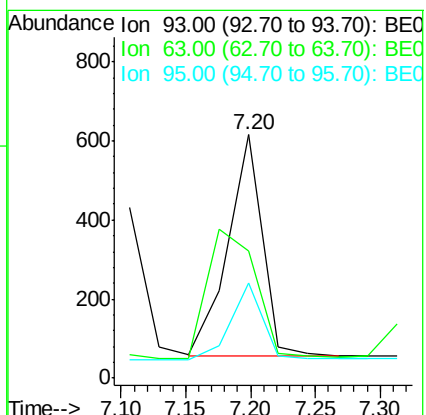
Tgt Ion: 93 Resp: 1041

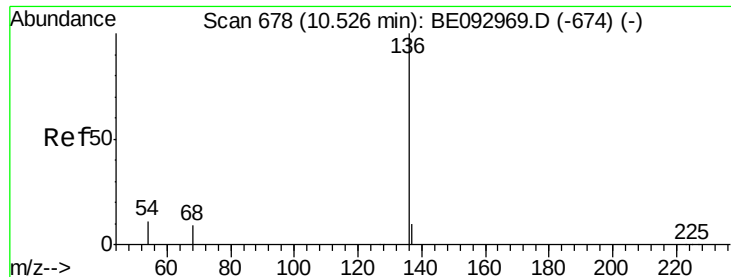
Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

95 31.7 25.4 38.0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 3271

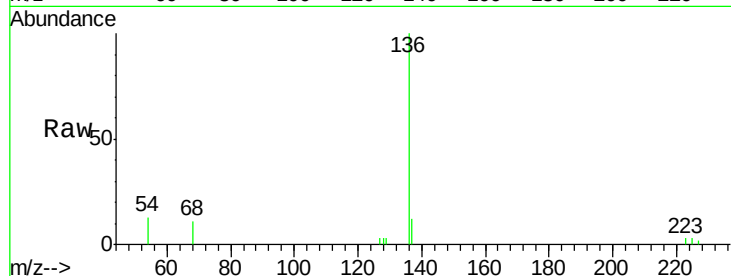
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 12.9 10.3 15.5

68 11.2 9.0 13.4

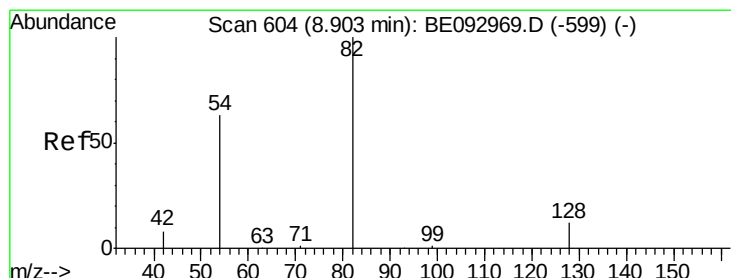
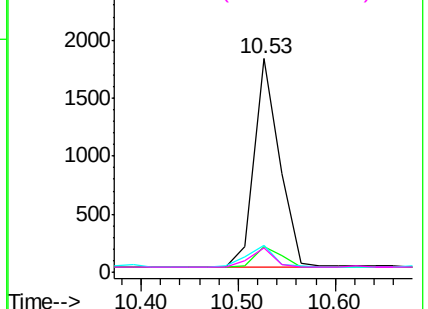
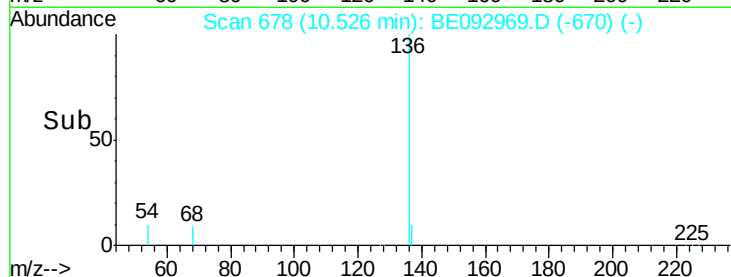


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.42 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

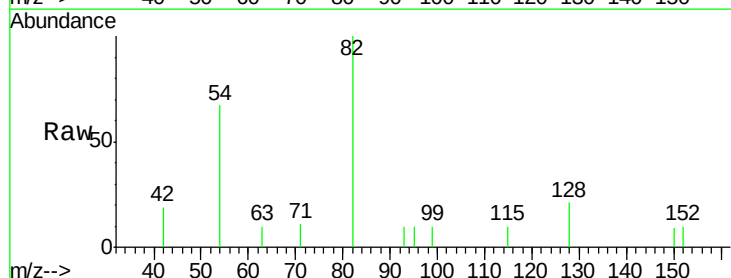
Tgt Ion: 82 Resp: 963

Ion Ratio Lower Upper

82 100

128 21.2 17.0 25.4

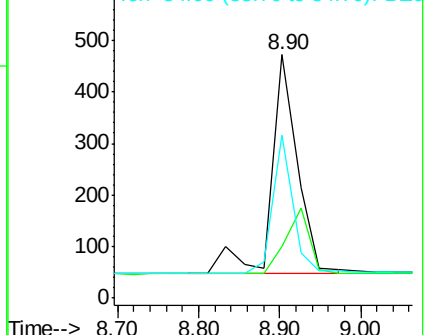
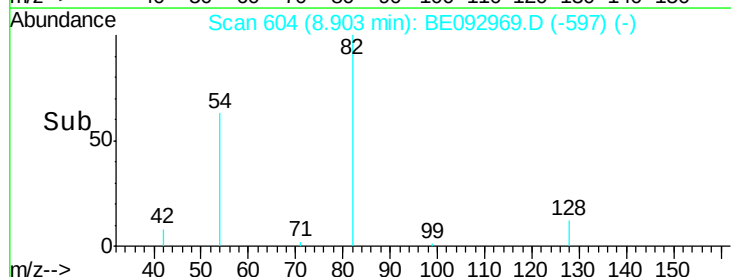
54 67.2 53.8 80.6

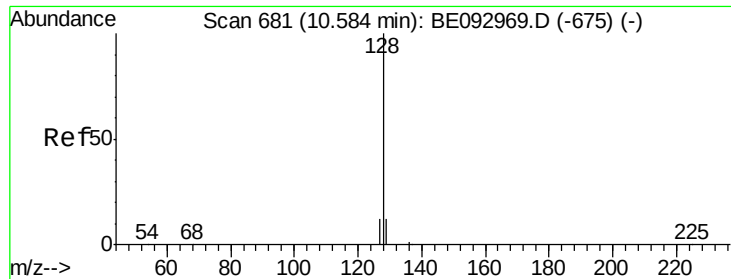


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

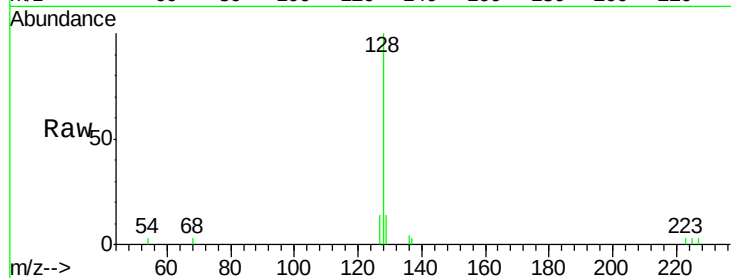
Tgt Ion:128 Resp: 3345

Ion Ratio Lower Upper

128 100

129 14.2 11.4 17.0

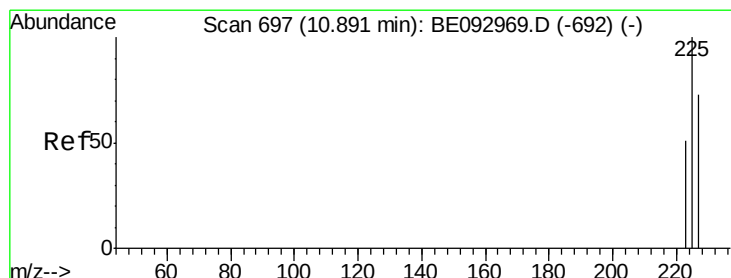
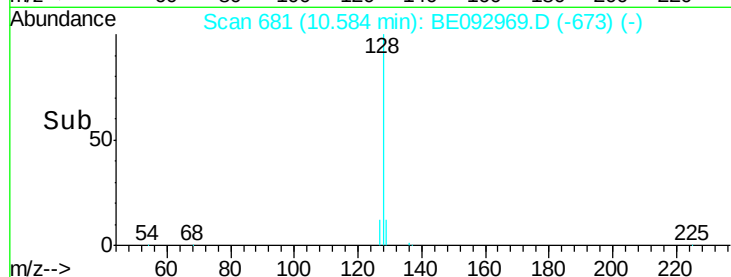
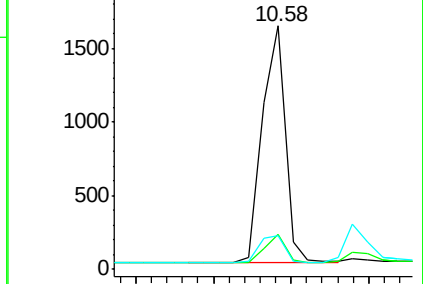
127 14.0 11.2 16.8



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: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

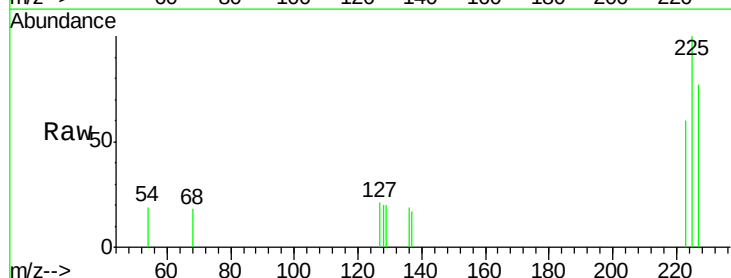
Tgt Ion:225 Resp: 488

Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

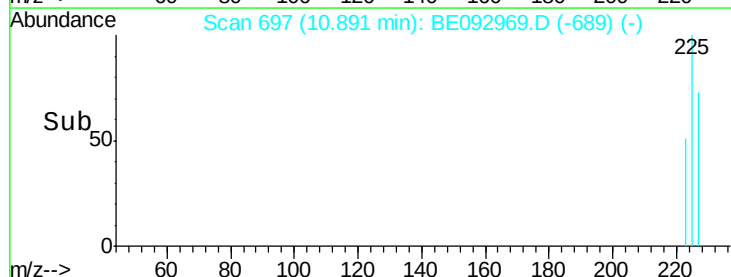
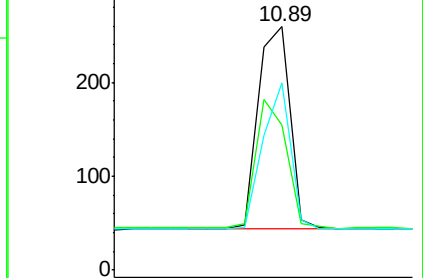
227 62.9 50.3 75.5

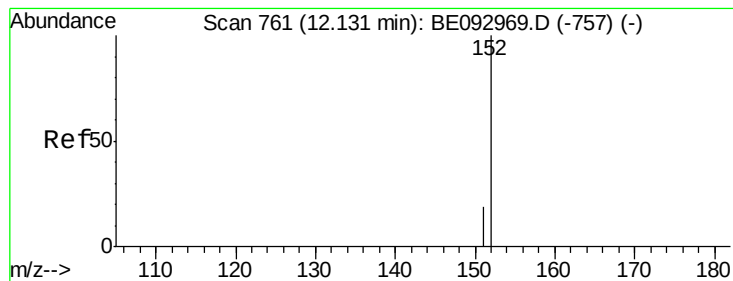


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

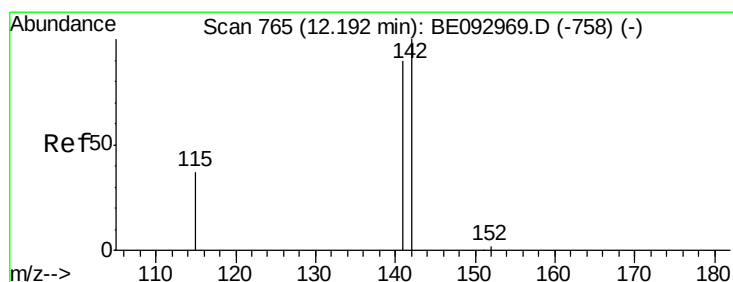
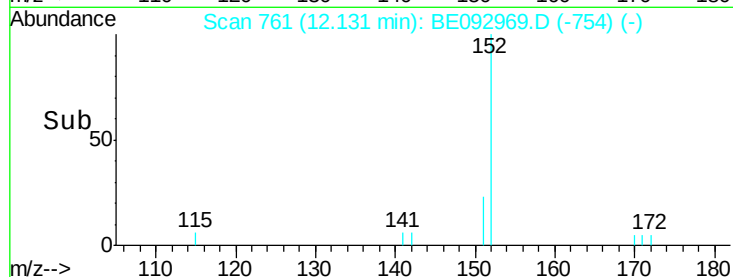
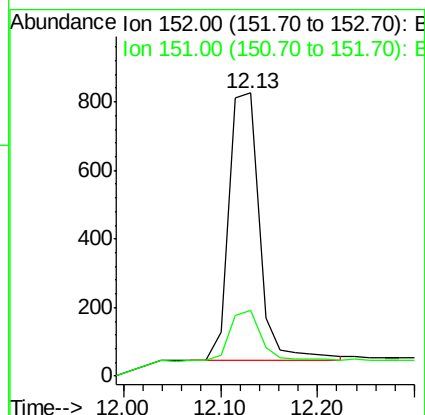
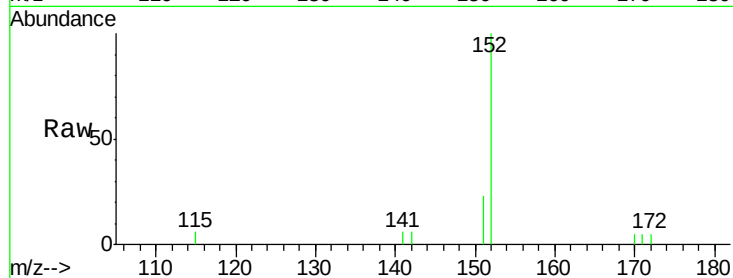




#11
 2-Methylnaphthalene-d10
 Concen: 0.36 ng
 RT: 12.13 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

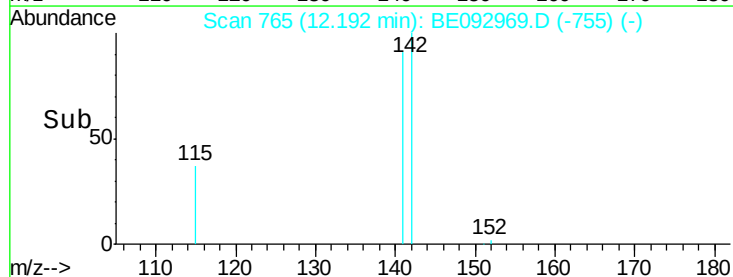
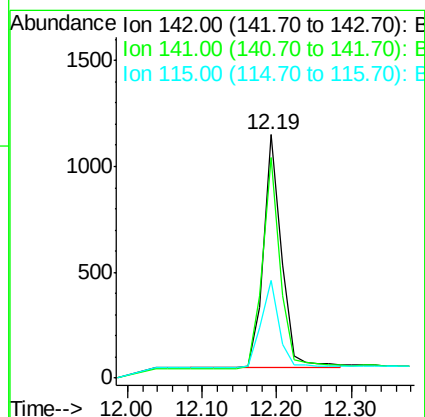
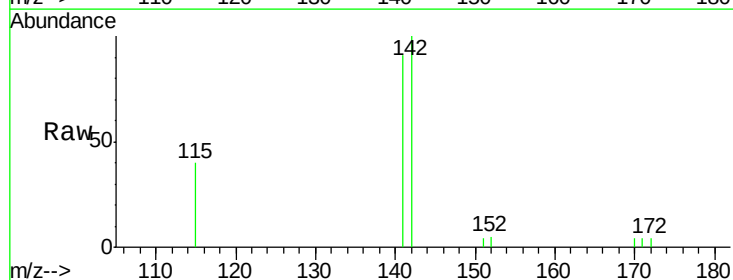
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

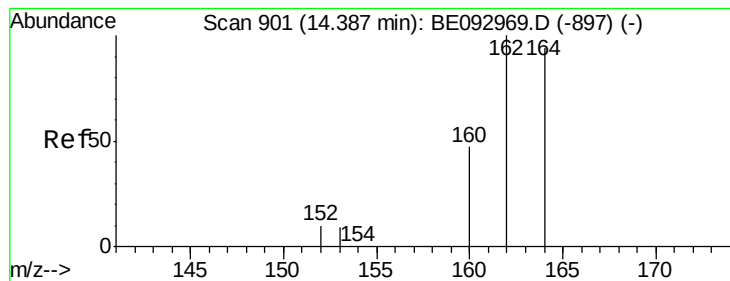
Tgt Ion:152 Resp: 1713
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.35 ng
 RT: 12.19 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

Tgt Ion:142 Resp: 1865
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.6 108.8
 115 40.2 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

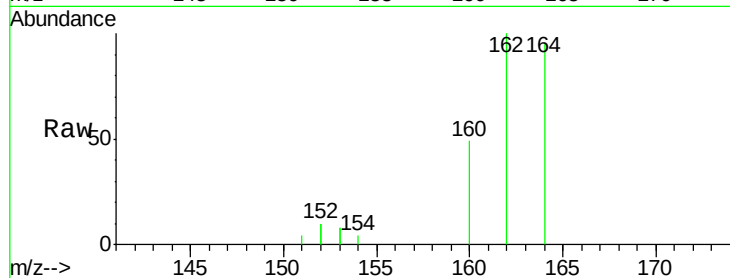
Tgt Ion:164 Resp: 1611

Ion Ratio Lower Upper

164 100

162 105.8 84.6 127.0

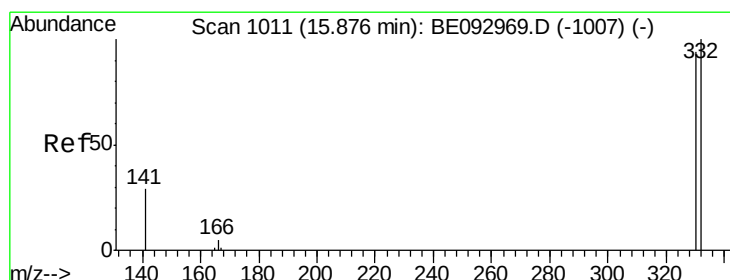
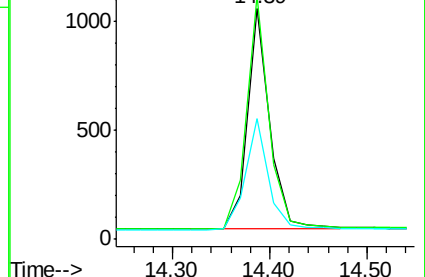
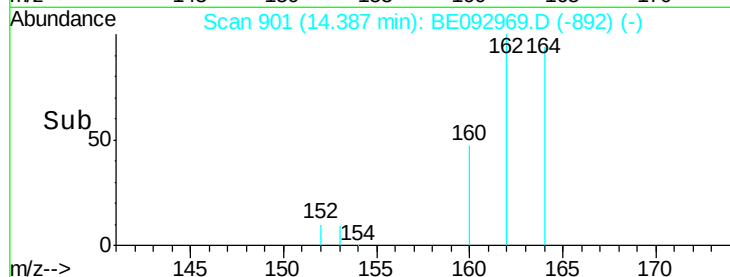
160 52.2 41.8 62.6



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: 0.50 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

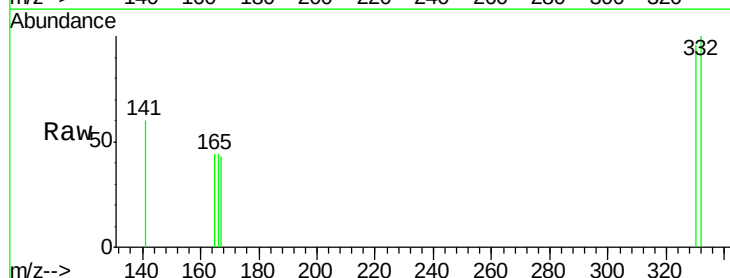
Tgt Ion:330 Resp: 138

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

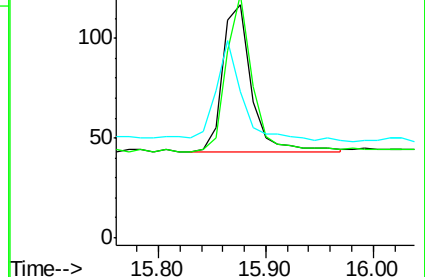
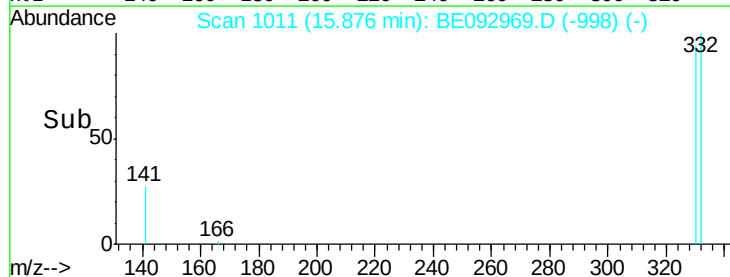
141 70.3 56.2 84.4

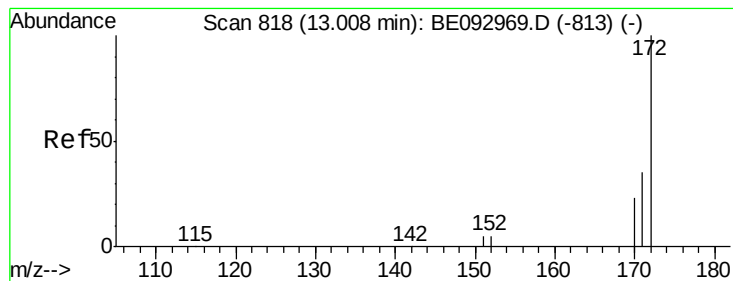


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.32 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

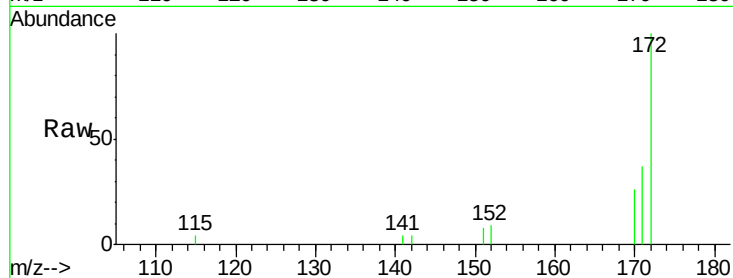
Tgt Ion:172 Resp: 2330

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

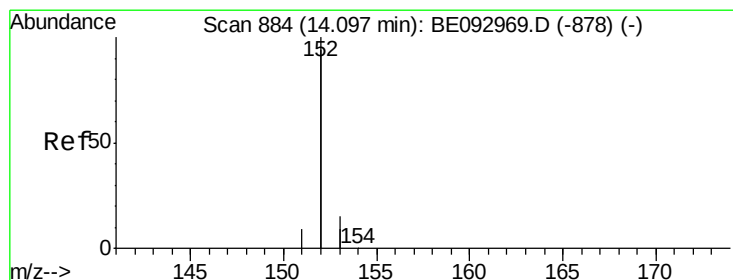
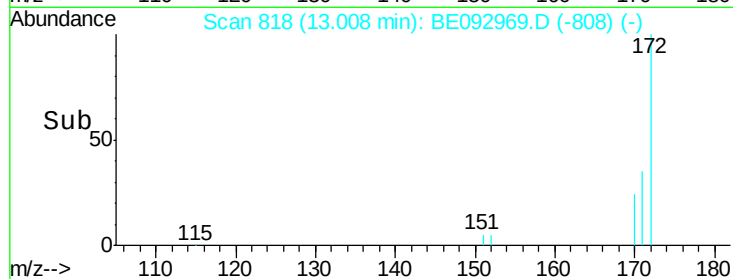
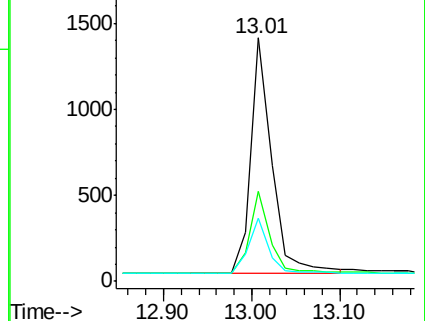
170 25.9 20.7 31.1



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: 0.38 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

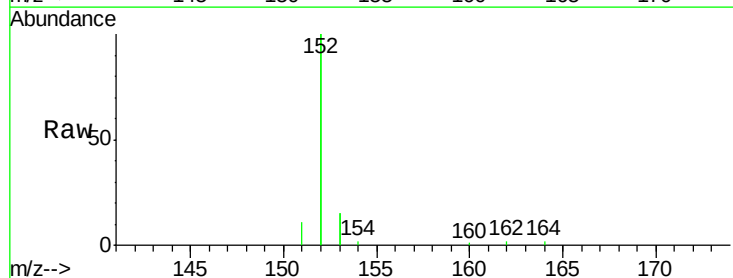
Tgt Ion:152 Resp: 9936

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

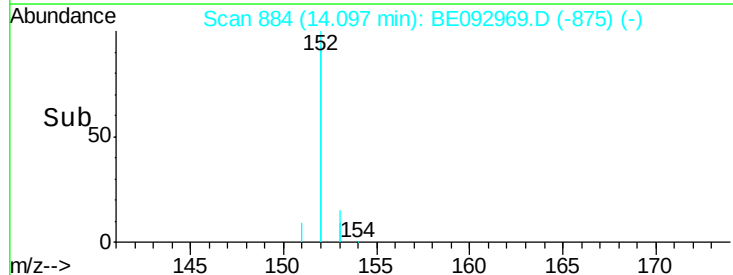
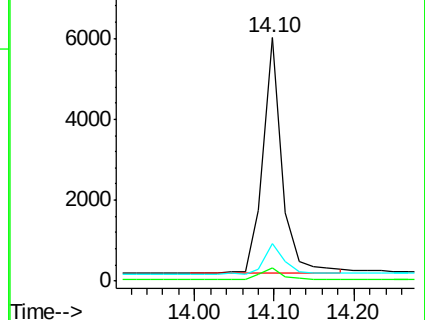
153 12.9 10.3 15.5

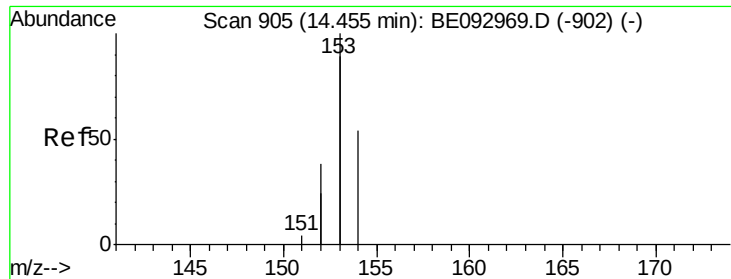


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.46 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

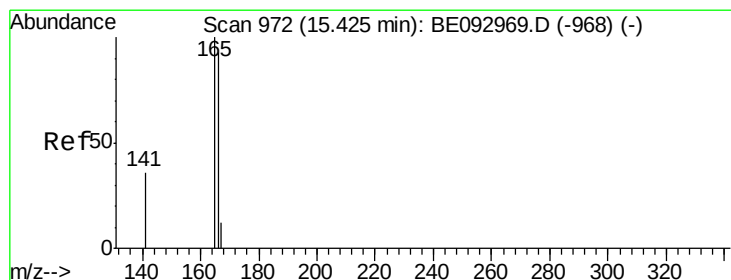
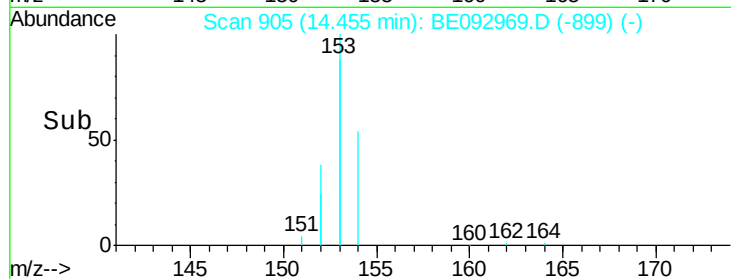
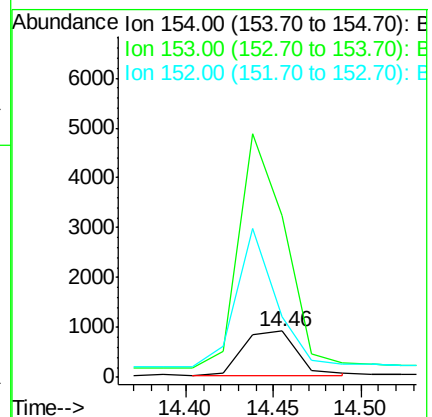
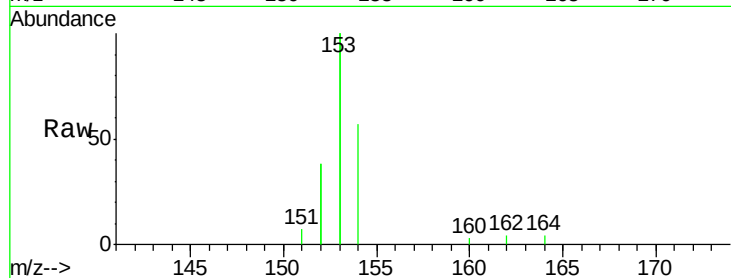
Tgt Ion:154 Resp: 1889

Ion Ratio Lower Upper

154 100

153 459.7 367.8 551.6

152 235.2 188.2 282.2



#18

Fluorene

Concen: 0.37 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

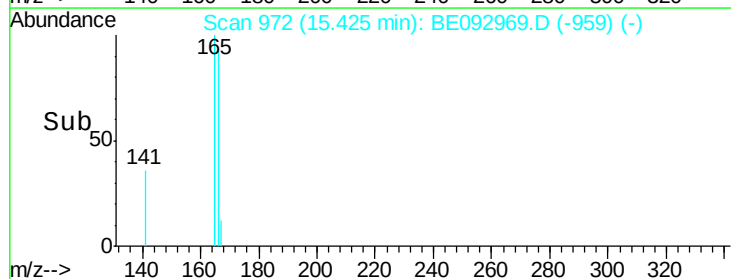
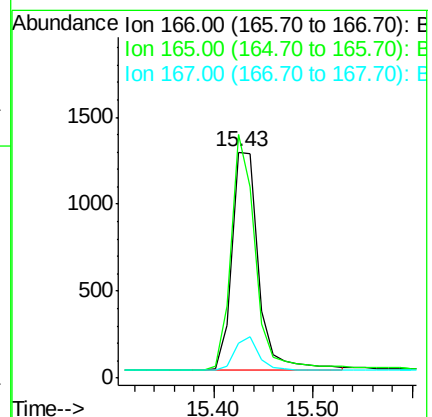
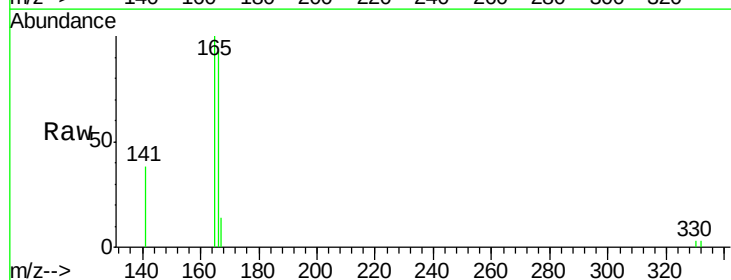
Tgt Ion:166 Resp: 2348

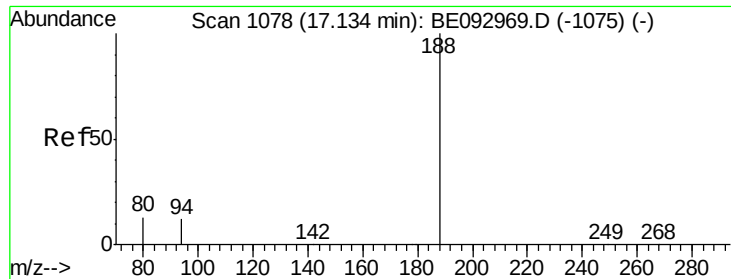
Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

167 13.9 11.1 16.7

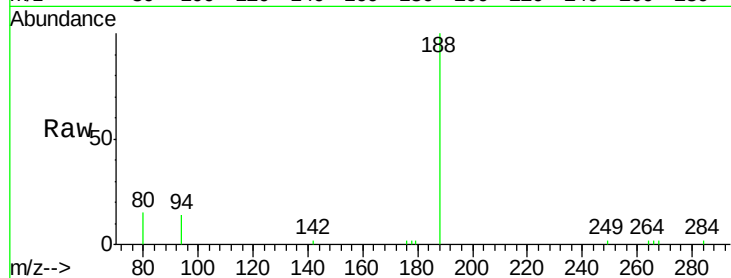




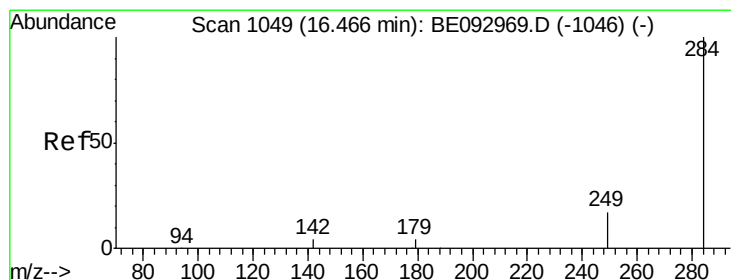
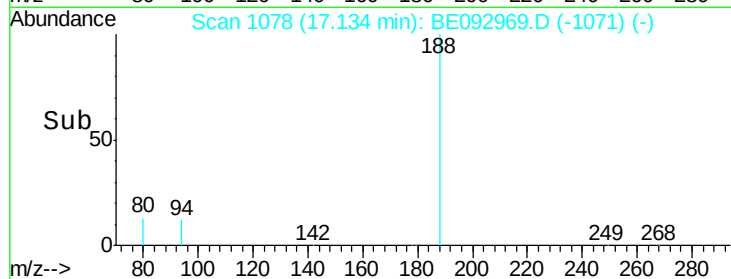
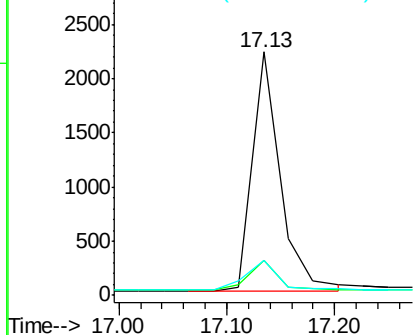
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092969.D
Acq: 9 May 2017 18:36

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 3945
Ion Ratio Lower Upper
188 100
94 14.1 11.3 16.9
80 14.6 11.7 17.5

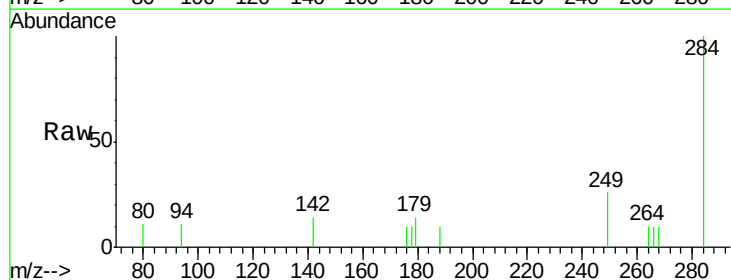


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

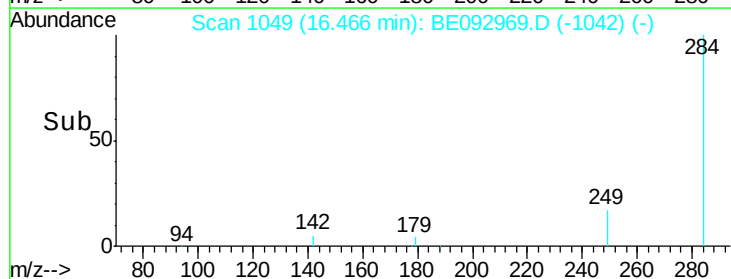
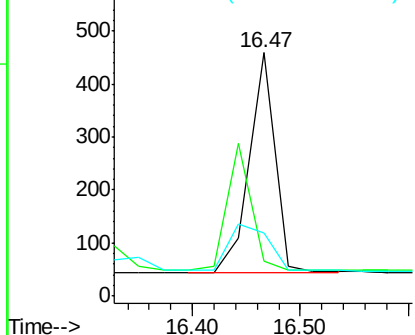


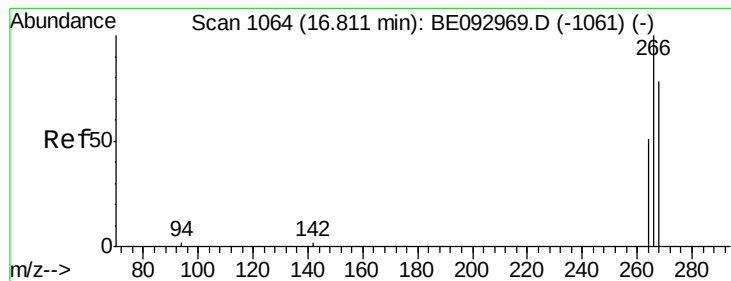
#20
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092969.D
Acq: 9 May 2017 18:36

Tgt Ion:284 Resp: 691
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: 0.48 ng

RT: 16.81 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

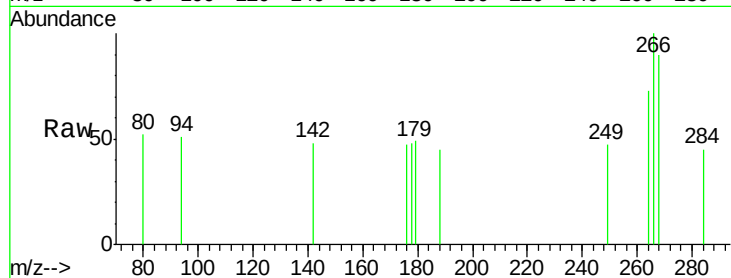
Tgt Ion:266 Resp: 169

Ion Ratio Lower Upper

266 100

264 72.7 58.2 87.2

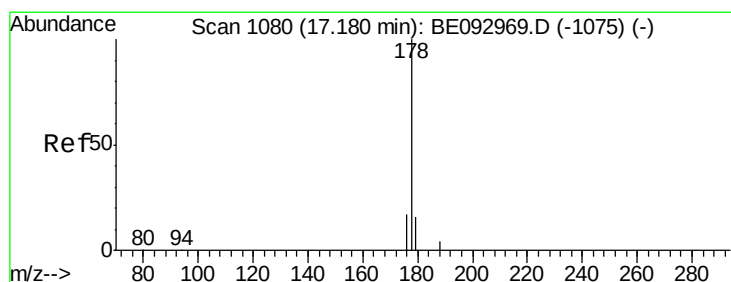
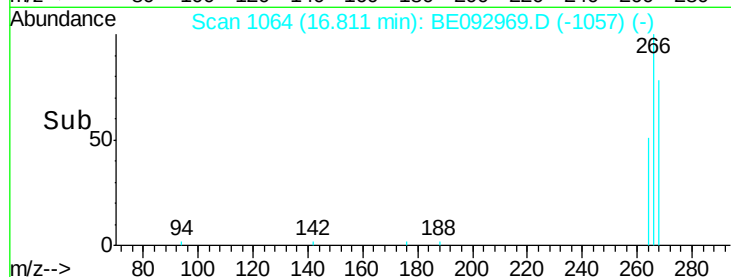
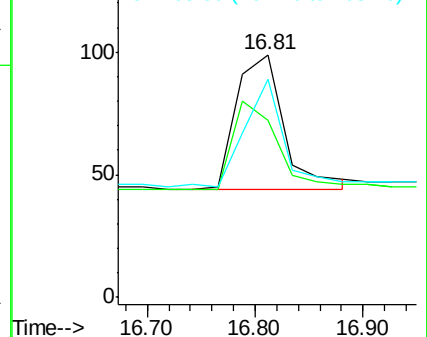
268 89.9 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22

Phenanthrene

Concen: 0.37 ng

RT: 17.18 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

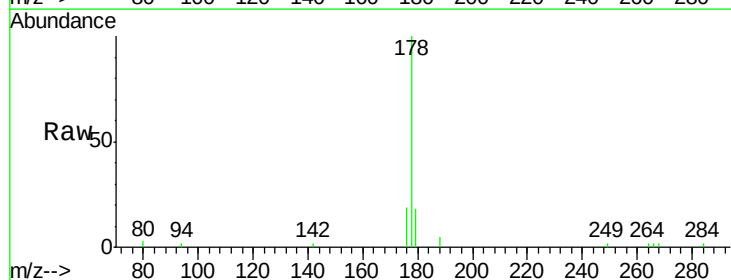
Tgt Ion:178 Resp: 4140

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

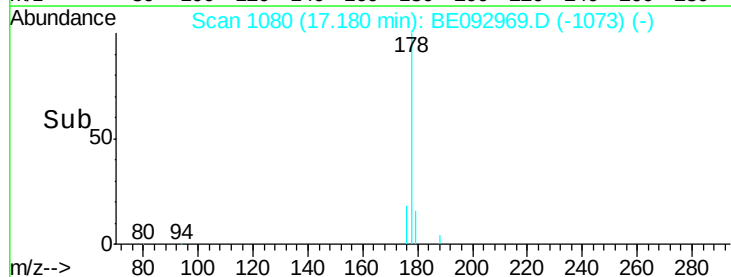
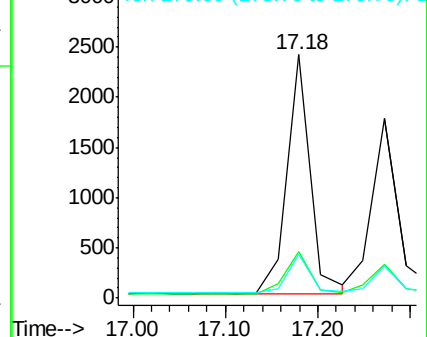
179 15.9 12.7 19.1

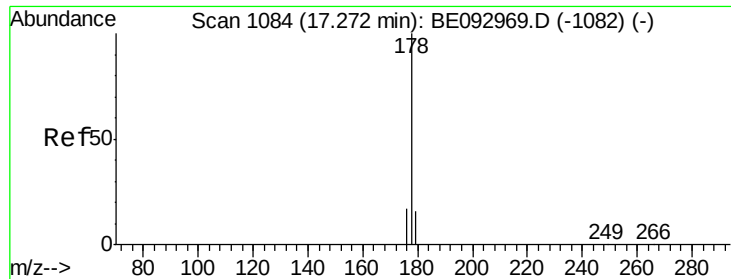


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.39 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

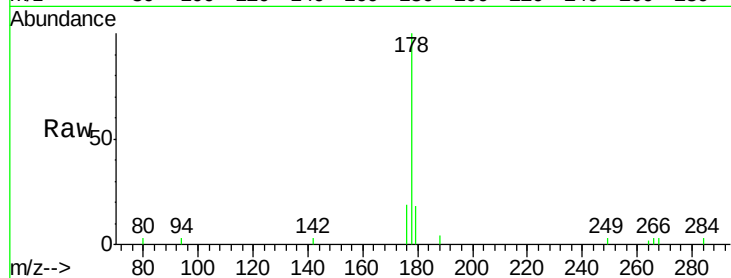
Tgt Ion:178 Resp: 3309

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

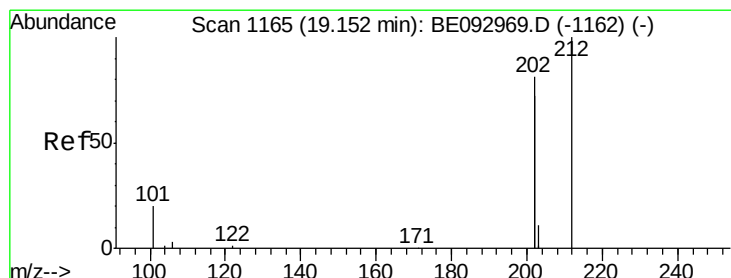
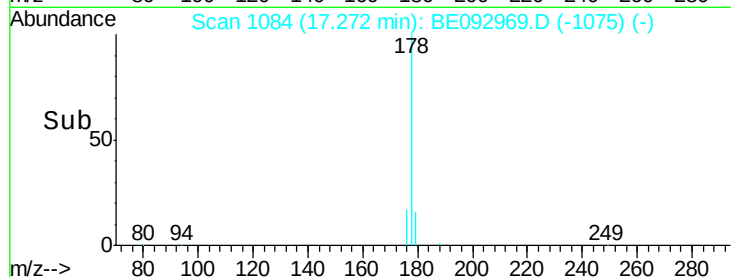
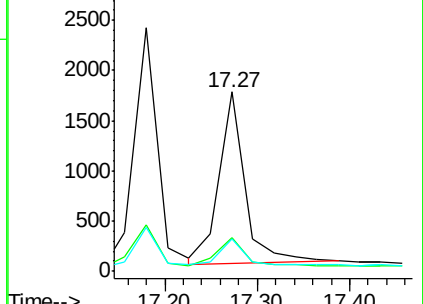
179 15.0 12.0 18.0



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



#24

Fluoranthene-d10

Concen: 0.40 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

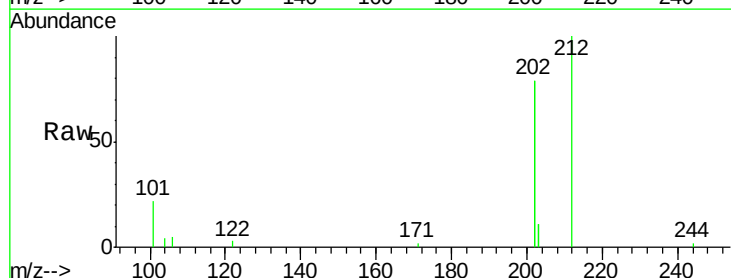
Tgt Ion:212 Resp: 3698

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

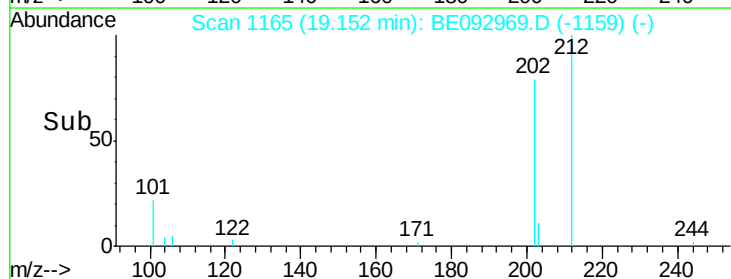
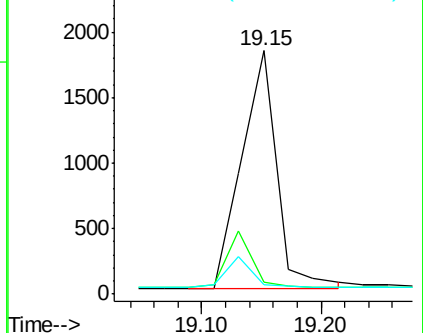
104 0.0 0.0 0.0

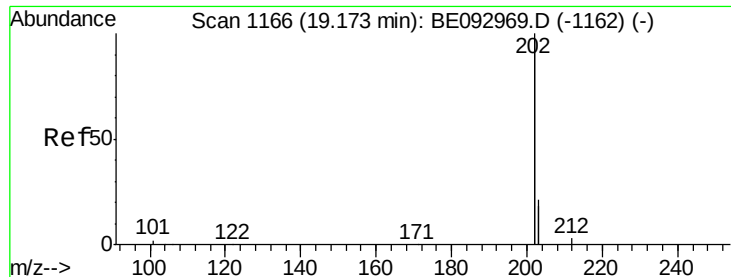


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

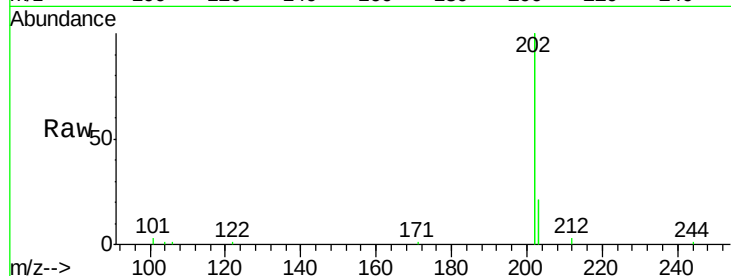
Tgt Ion:202 Resp: 19119

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

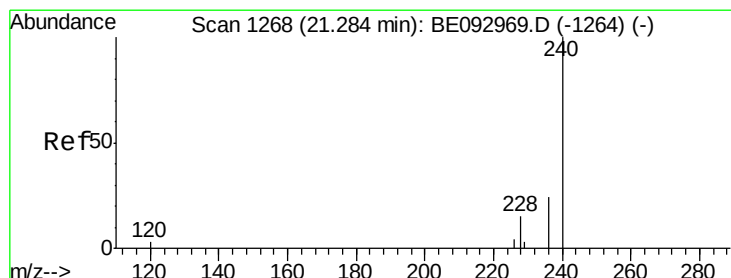
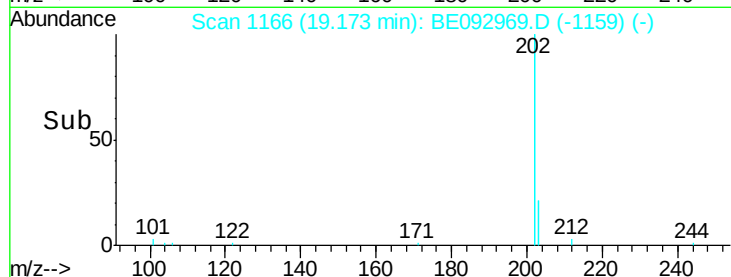
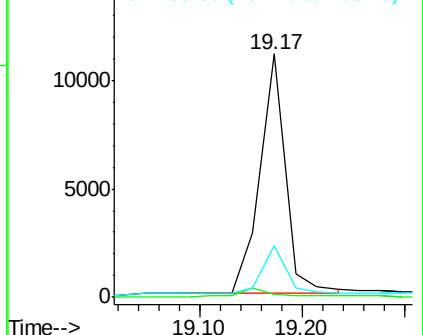
203 18.0 14.4 21.6



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

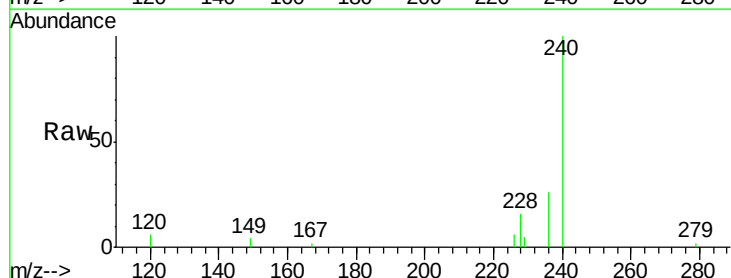
Tgt Ion:240 Resp: 4065

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

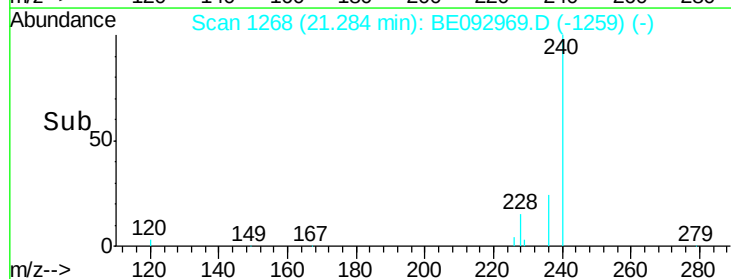
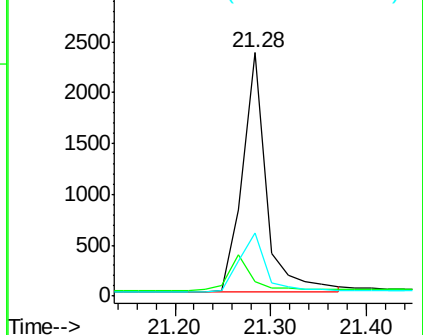
236 26.0 20.8 31.2

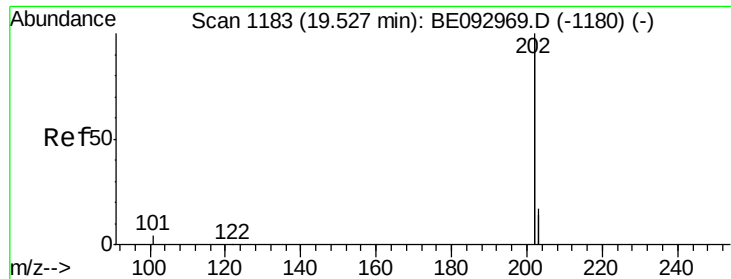


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

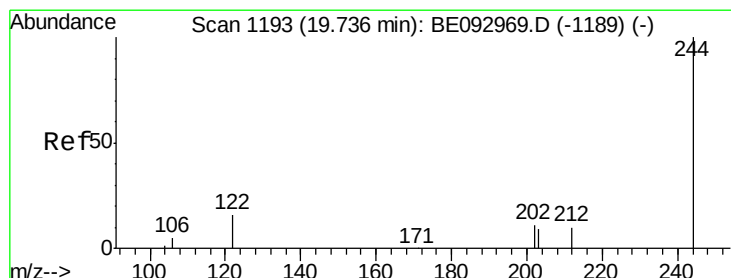
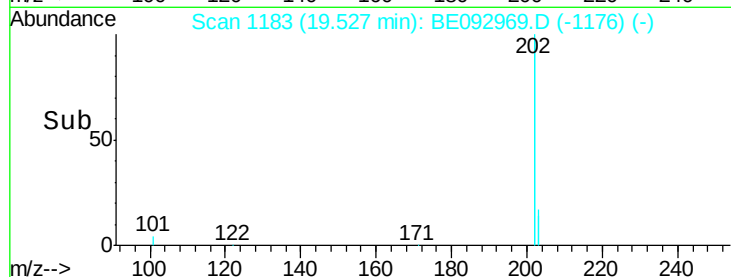
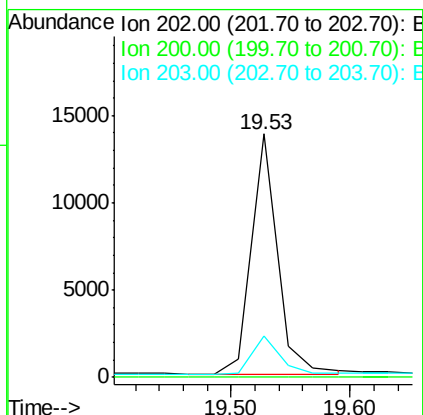
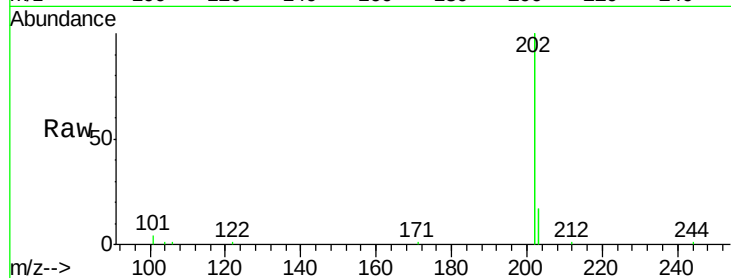




#27
 Pyrene
 Concen: 0.40 ng
 RT: 19.53 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

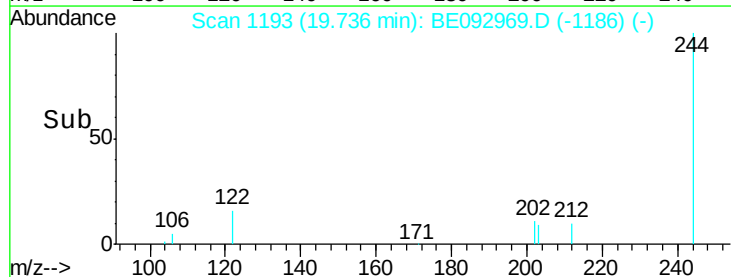
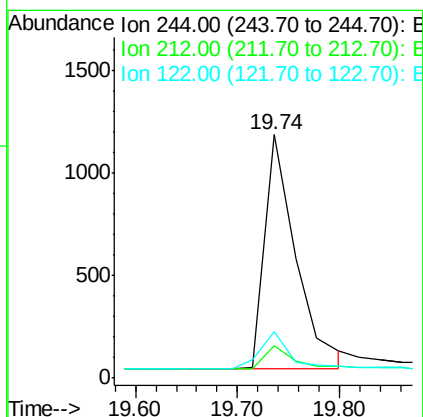
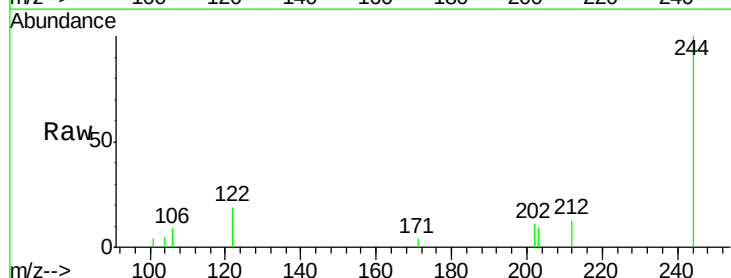
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

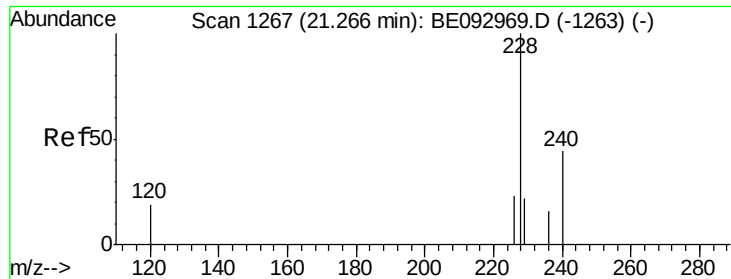
Tgt Ion: 202 Resp: 20933
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 17.1 13.7 20.5



#28
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 19.74 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

Tgt Ion: 244 Resp: 2412
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.6 16.0
 122 19.2 15.4 23.0

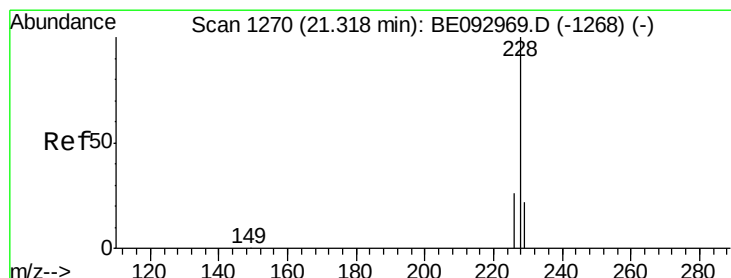
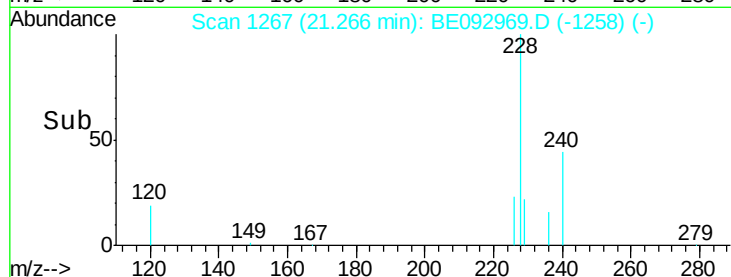
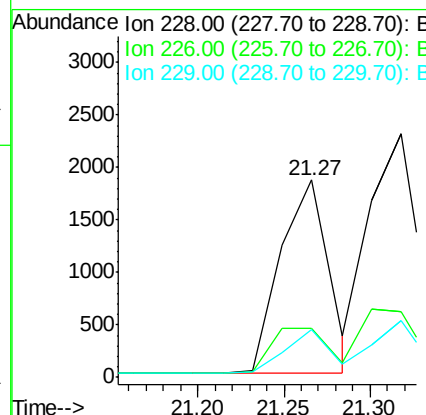
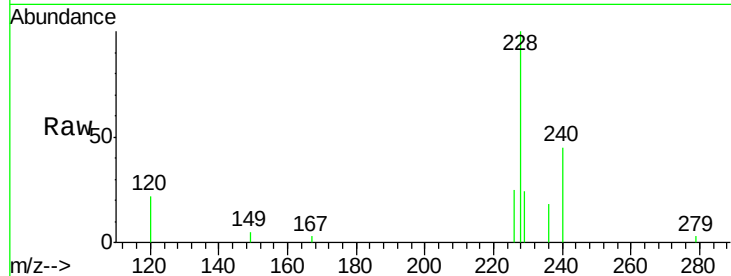




#29
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092969.D
Acq: 9 May 2017 18:36

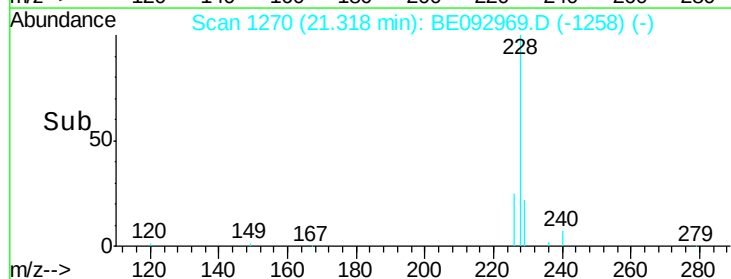
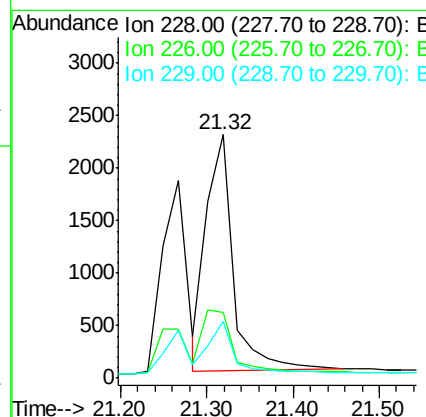
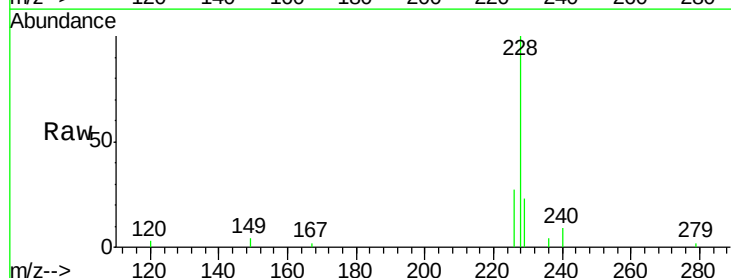
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

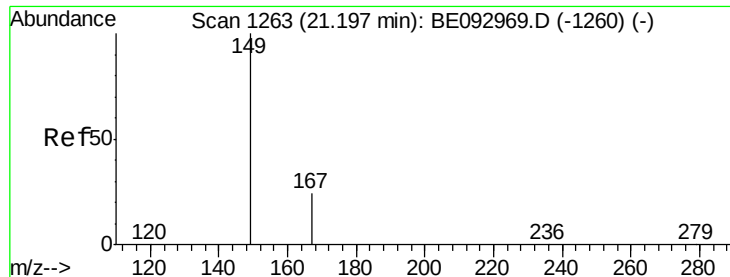
Tgt Ion:228 Resp: 3543
Ion Ratio Lower Upper
228 100
226 24.6 19.7 29.5
229 24.0 19.2 28.8



#30
Chrysene
Concen: 0.40 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BE092969.D
Acq: 9 May 2017 18:36

Tgt Ion:228 Resp: 4904
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 23.3 18.6 28.0

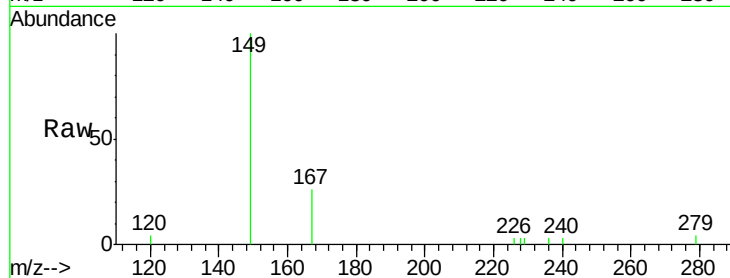




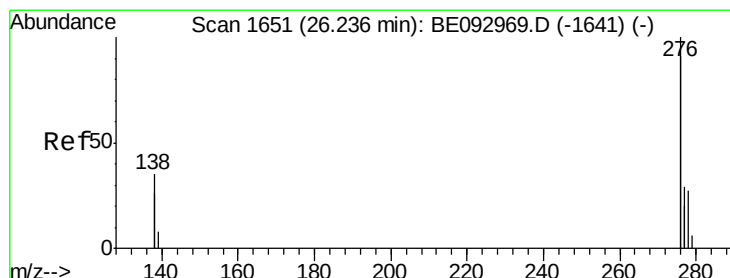
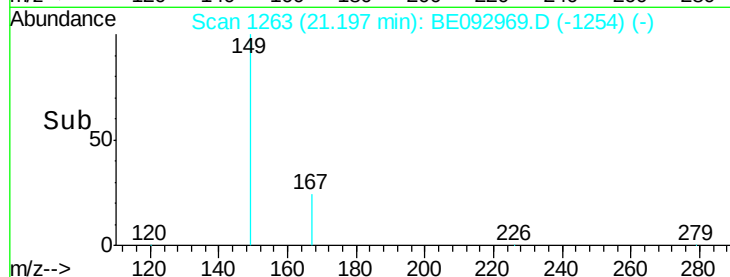
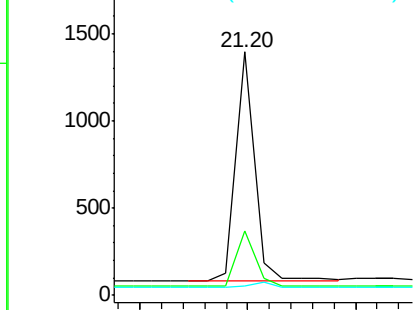
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.55 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:149 Resp: 1575
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.1 30.1
 279 2.8 2.2 3.4

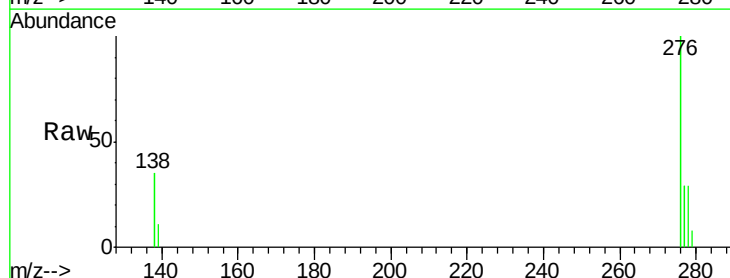


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

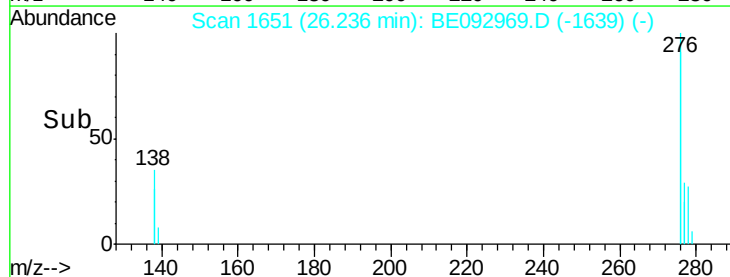
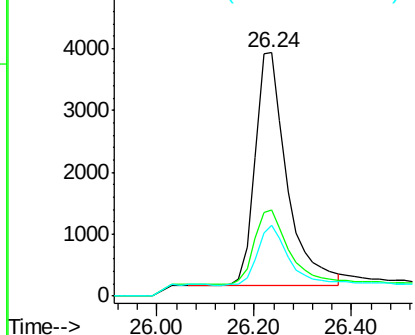


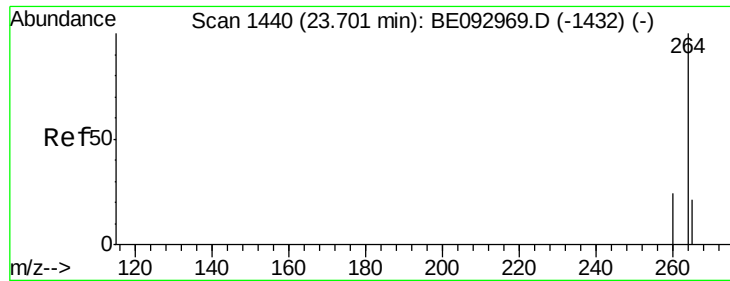
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.24 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

Tgt Ion:276 Resp: 17266
 Ion Ratio Lower Upper
 276 100
 138 34.3 27.4 41.2
 277 25.1 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

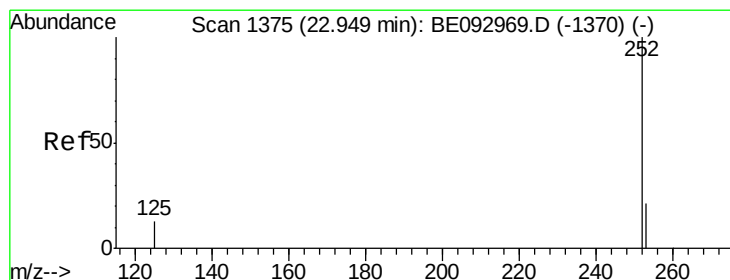
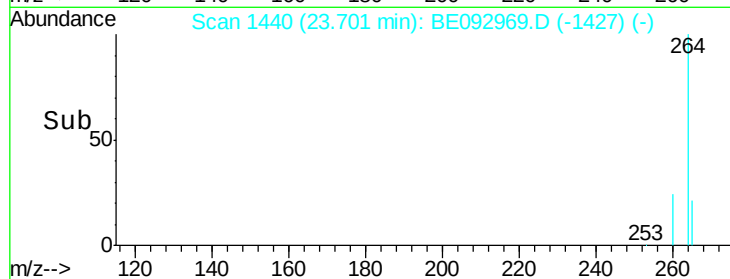
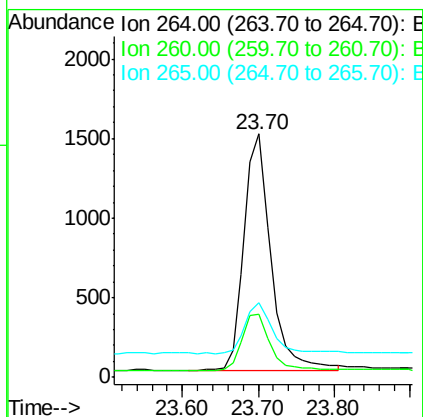
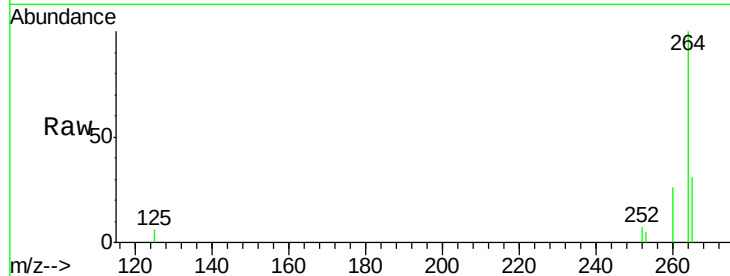




#33
Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

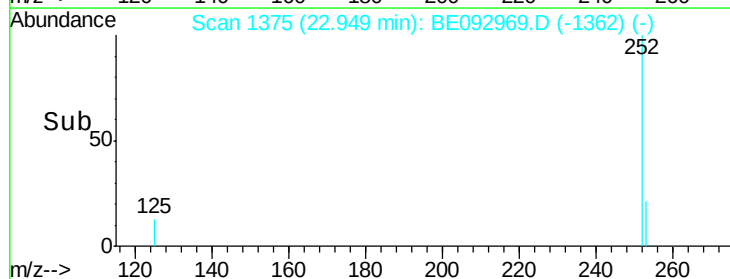
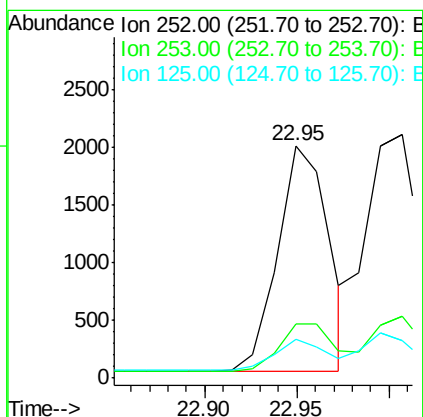
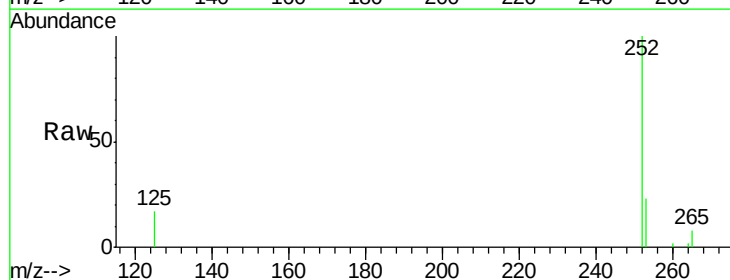
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

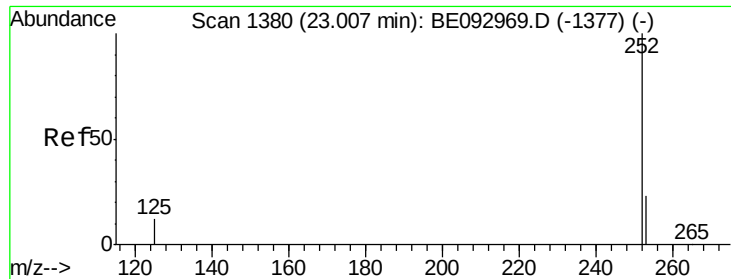
Tgt Ion: 264 Resp: 3625
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.0 31.4
 265 30.7 24.6 36.8



#34
Benzo(b)fluoranthene
 Concen: 0.32 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092969.D
 Acq: 9 May 2017 18:36

Tgt Ion: 252 Resp: 3783
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.5 27.7
 125 16.7 13.4 20.0





#35

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.01 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

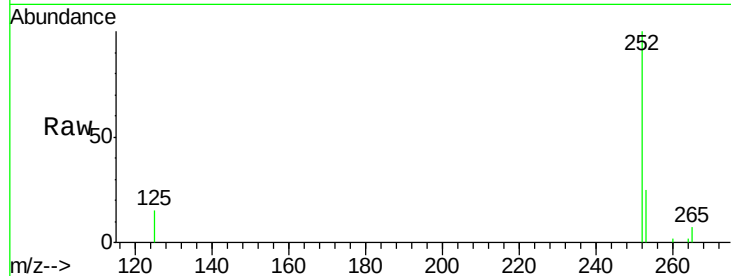
Tgt Ion:252 Resp: 4513

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

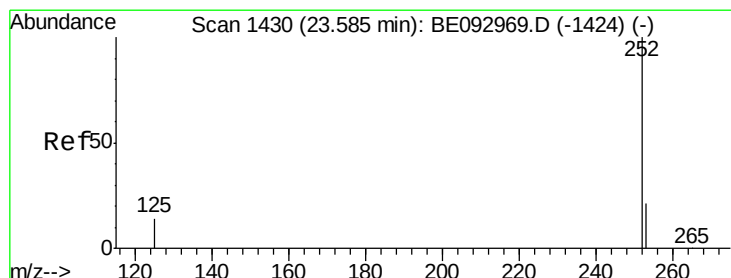
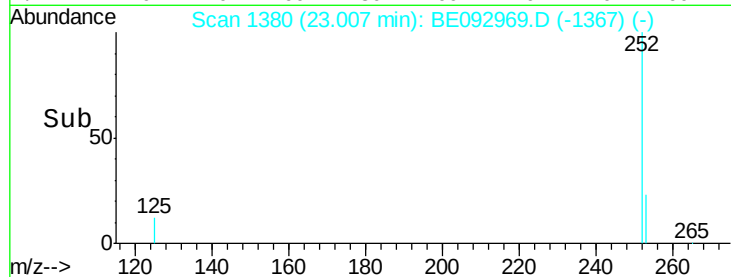
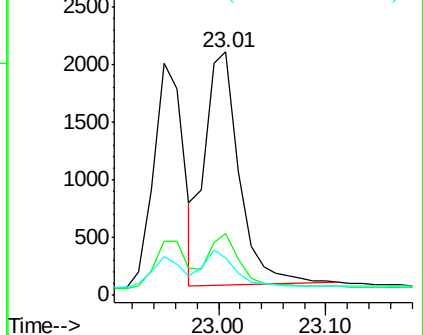
125 15.3 12.2 18.4



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: 0.37 ng

RT: 23.59 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

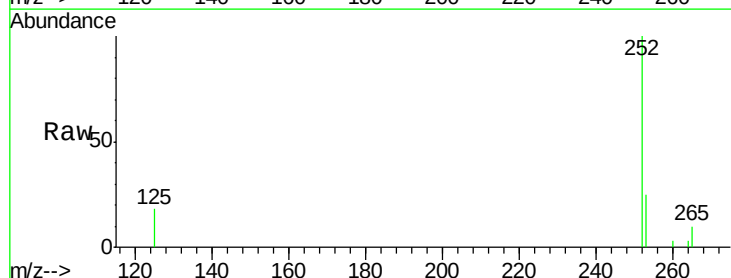
Tgt Ion:252 Resp: 3615

Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

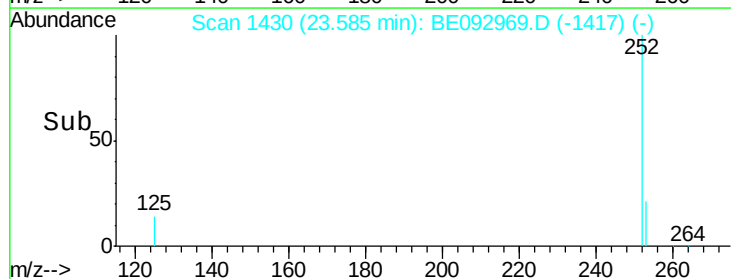
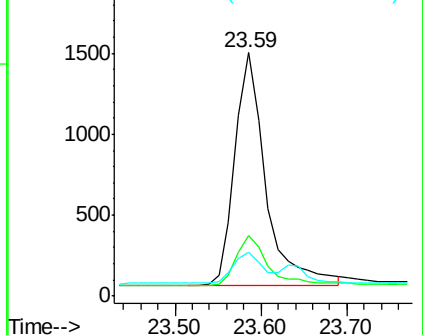
125 18.2 14.6 21.8

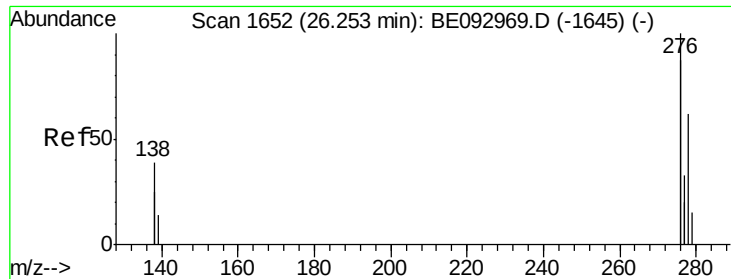


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 26.25 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

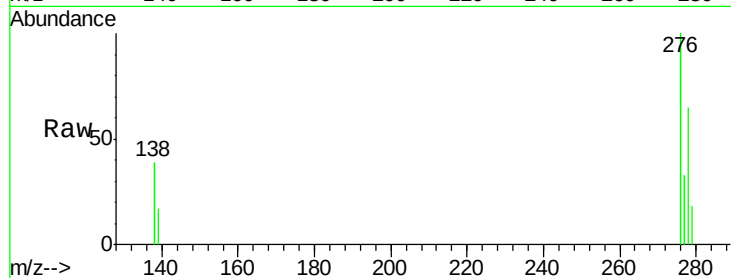
Tgt Ion: 278 Resp: 3755

Ion Ratio Lower Upper

278 100

139 26.7 21.4 32.0

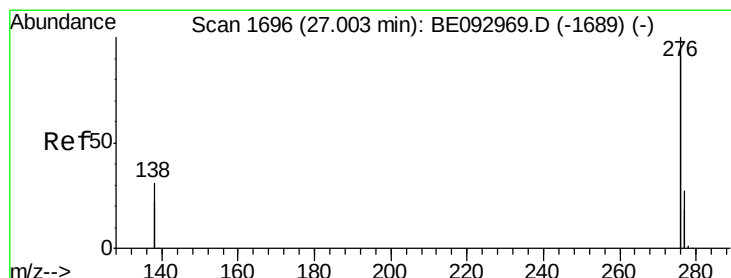
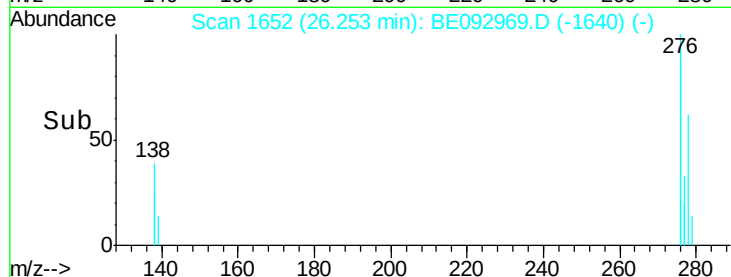
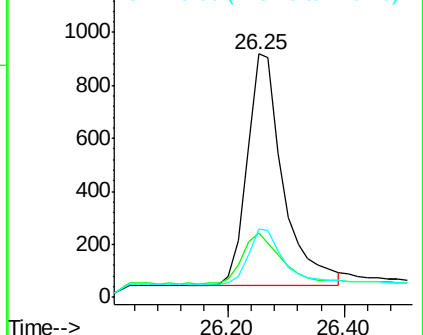
279 27.7 22.2 33.2



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: 0.35 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BE092969.D

Acq: 9 May 2017 18:36

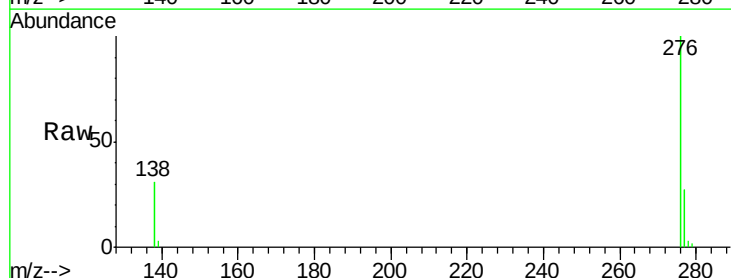
Tgt Ion: 276 Resp: 16308

Ion Ratio Lower Upper

276 100

277 26.5 21.2 31.8

138 30.6 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

