

Data Path : Z:\HPCHEM1\BNA_E\Data\BE021017\
 Data File : BE092718.D
 Acq On : 10 Feb 2017 12:21
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Feb 10 14:43:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9539	5.00	ng	-0.02
7) Naphthalene-d8	10.89	136	41864	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	26392	5.00	ng	-0.02
18) Phenanthrene-d10	17.53	188	50823	5.00	ng	0.00
24) Chrysene-d12	21.70	240	68175	5.00	ng	-0.02
31) Perylene-d12	24.04	264	64183	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.64	112	858	0.40	ng	-0.01
5) Phenol-d6	7.31	99	1104	0.42	ng	-0.02
8) Nitrobenzene-d5	9.32	82	1072	0.39	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	285	0.49	ng	-0.01
14) 2-Fluorobiphenyl	13.40	172	2791	0.43	ng	-0.02
26) Terphenyl-d14	20.14	244	3990	0.41	ng	-0.02

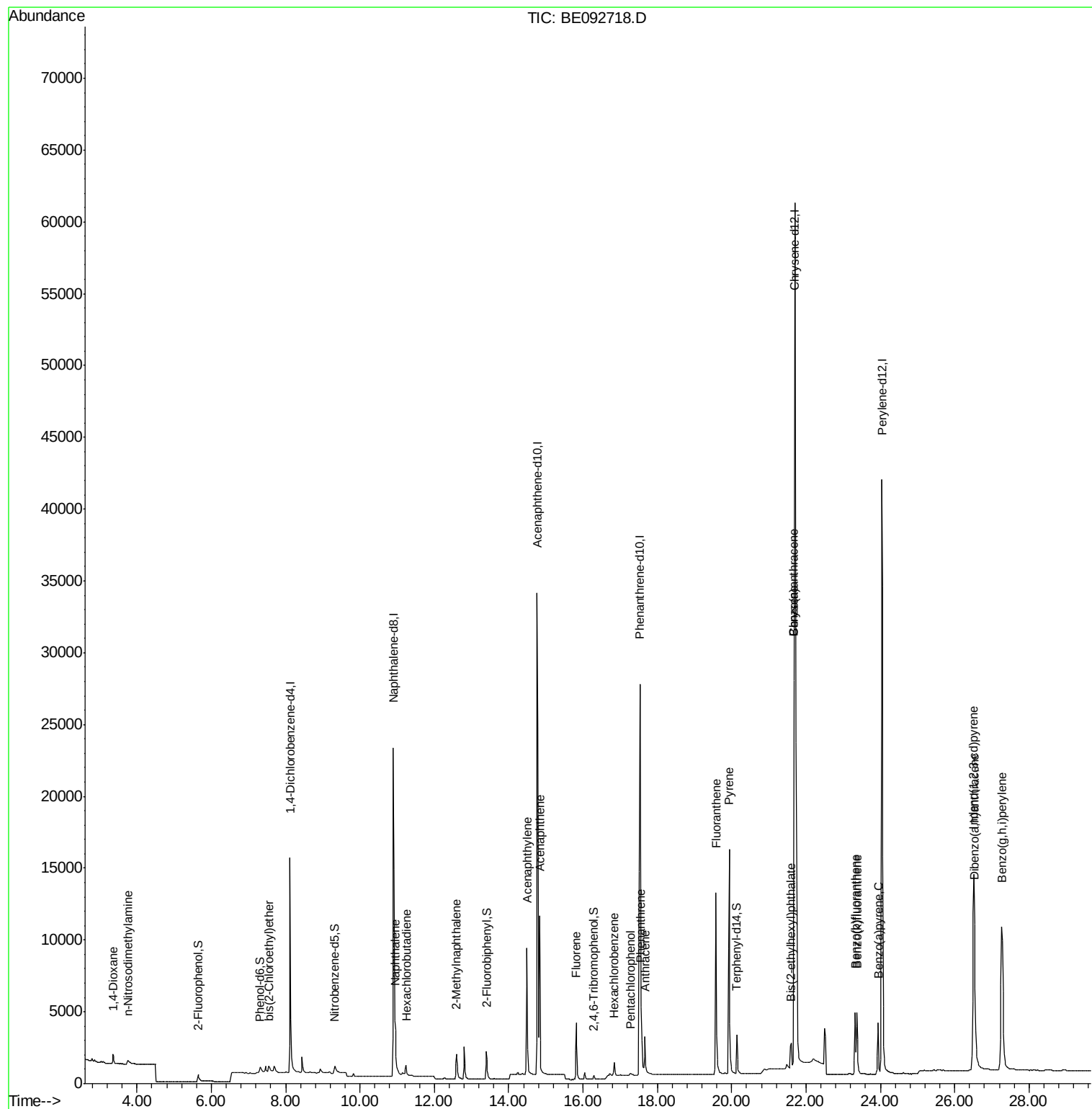
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	558	0.37	ng	98
3) n-Nitrosodimethylamine	3.75	42	510	0.30	ng	# 94
6) bis(2-Chloroethyl)ether	7.54	93	915	0.33	ng	# 73
9) Naphthalene	10.95	128	3761	0.43	ng	100
10) Hexachlorobutadiene	11.24	225	570	0.44	ng	99
11) 2-Methylnaphthalene	12.59	142	2236	0.41	ng	99
15) Acenaphthylene	14.49	152	15492	0.43	ng	99
16) Acenaphthene	14.83	154	2515	0.43	ng	96
17) Fluorene	15.82	166	3004	0.41	ng	98
19) Hexachlorobenzene	16.84	284	1111	0.59	ng	# 88
20) Pentachlorophenol	17.28	266	203	0.39	ng	91
21) Phenanthrene	17.56	178	5071	0.45	ng	# 95
22) Anthracene	17.67	178	4568	0.44	ng	99
23) Fluoranthene	19.58	202	23559	0.47	ng	99
25) Pyrene	19.93	202	23972	0.36	ng	98
27) Benzo(a)anthracene	21.68	228	52778	0.79	ng	98
28) Chrysene	21.68	228	53009	0.70	ng	# 81
29) Bis(2-ethylhexyl)phthalate	21.59	149	3571	0.46	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.51	276	31039	0.38	ng	98
32) Benzo(b)fluoranthene	23.32	252	6581	0.42	ng	97
33) Benzo(k)fluoranthene	23.37	252	6542	0.42	ng	99
34) Benzo(a)pyrene	23.94	252	6172	0.42	ng	97
35) Dibenzo(a,h)anthracene	26.53	278	6340	0.44	ng	97
36) Benzo(g,h,i)perylene	27.26	276	27060	0.45	ng	98

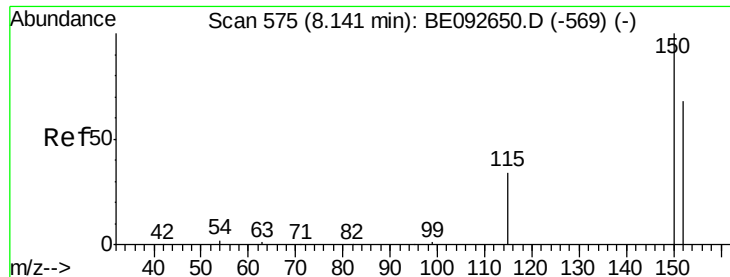
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

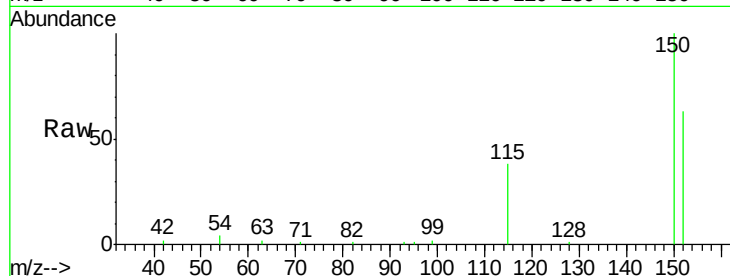
Tgt Ion:152 Resp: 9539

Ion Ratio Lower Upper

152 100

150 158.4 106.0 159.0

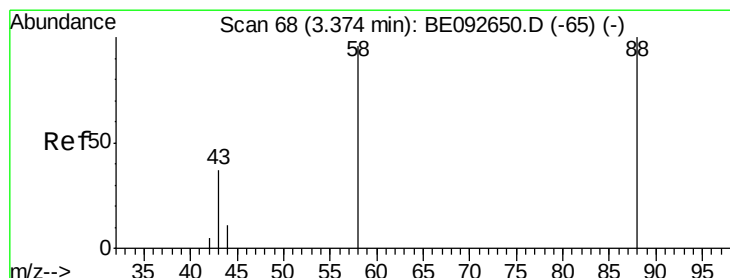
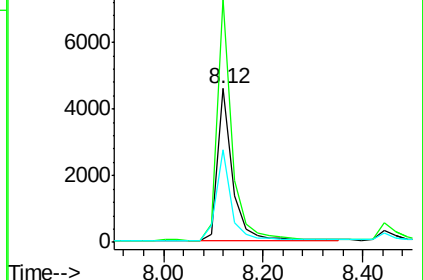
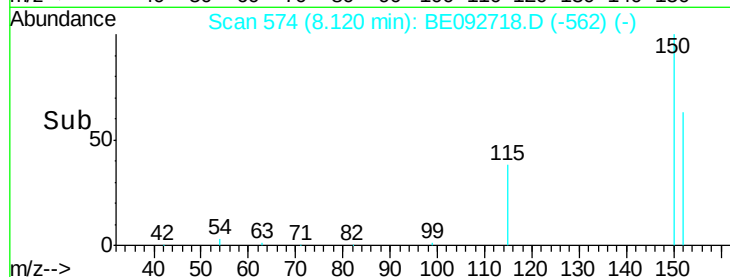
115 60.5 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.36 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

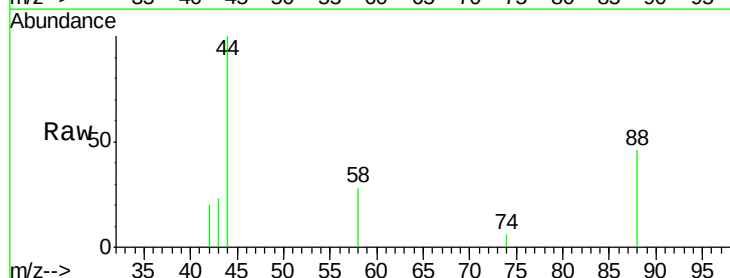
Tgt Ion: 88 Resp: 558

Ion Ratio Lower Upper

88 100

58 77.8 63.6 95.4

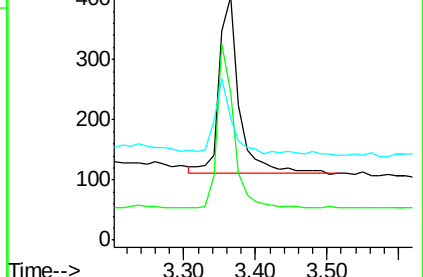
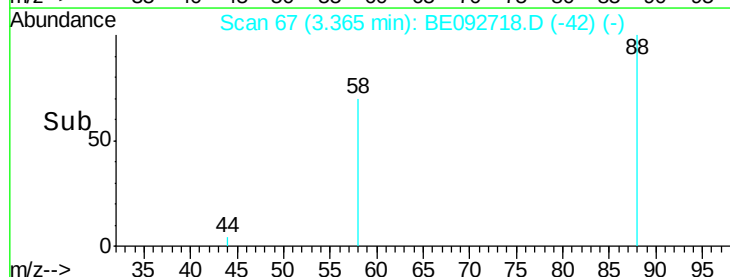
43 33.0 28.0 42.0

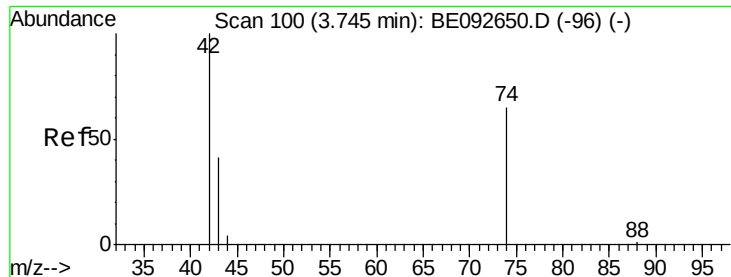


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.30 ng

RT: 3.75 min Scan# 100

Delta R.T. 0.00 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

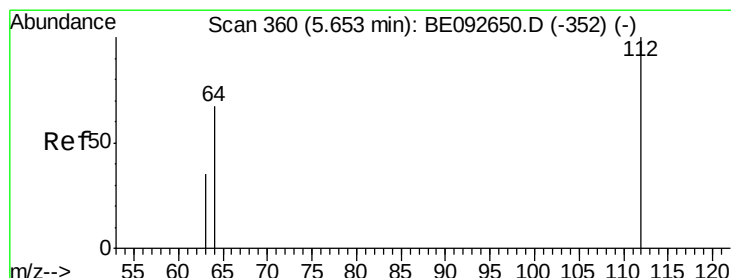
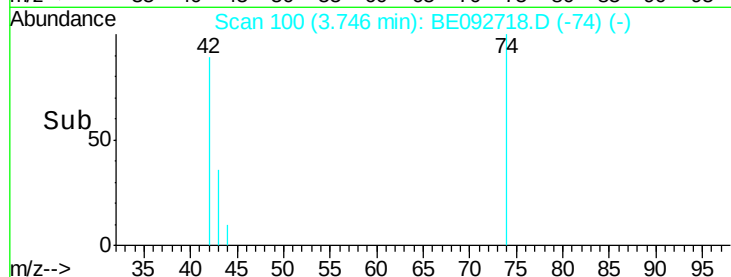
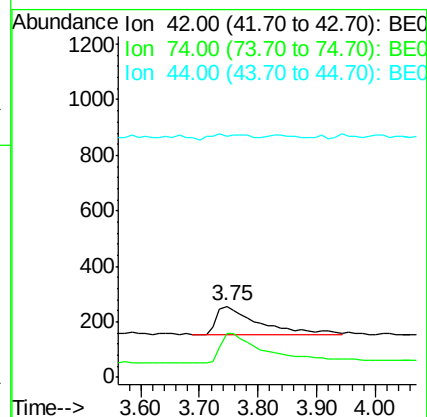
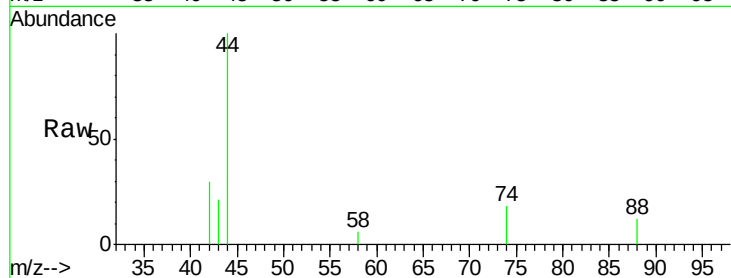
Tgt Ion: 42 Resp: 510

Ion Ratio Lower Upper

42 100

74 113.7 86.0 129.0

44 8.2 5.1 7.7#



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

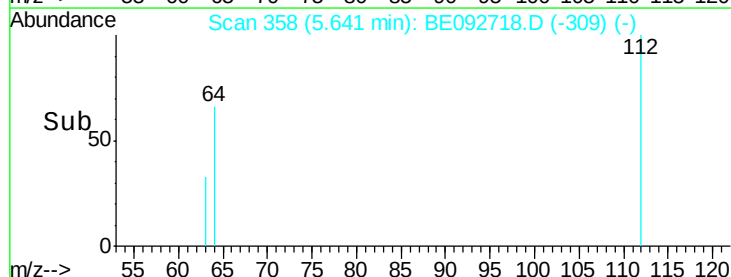
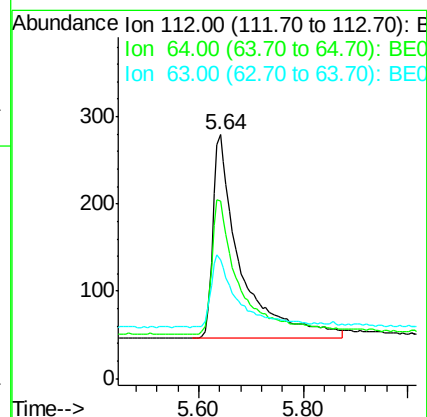
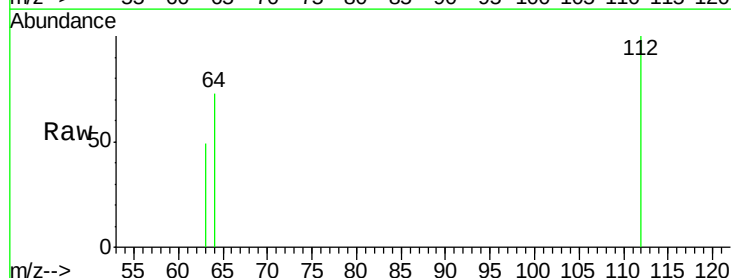
Tgt Ion: 112 Resp: 858

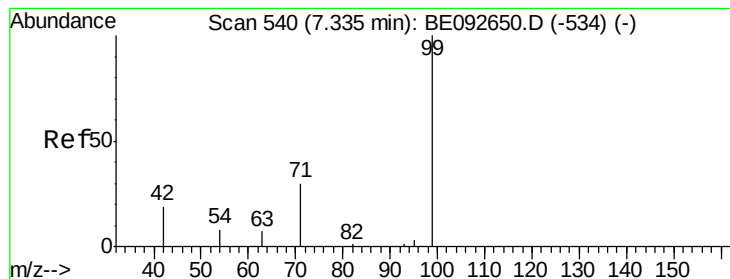
Ion Ratio Lower Upper

112 100

64 66.8 53.5 80.3

63 35.8 27.9 41.9





#5

Phenol-d6

Concen: 0.42 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

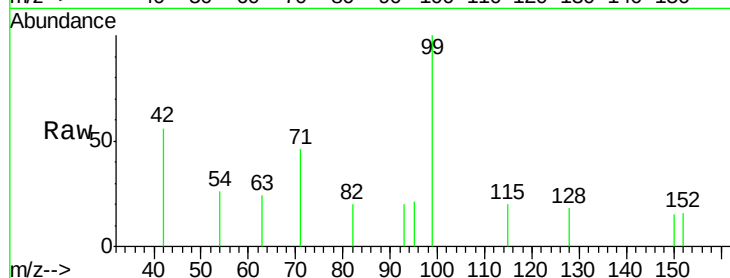
Tgt Ion: 99 Resp: 1104

Ion Ratio Lower Upper

99 100

42 22.6 16.0 24.0

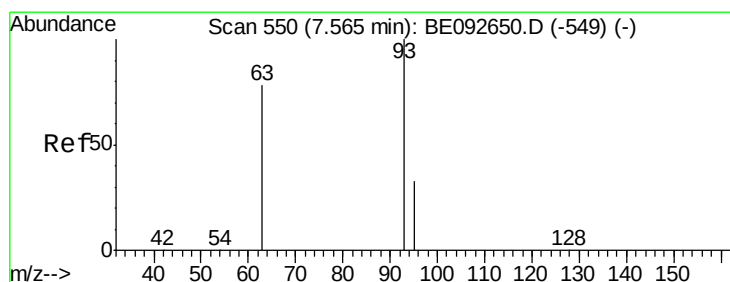
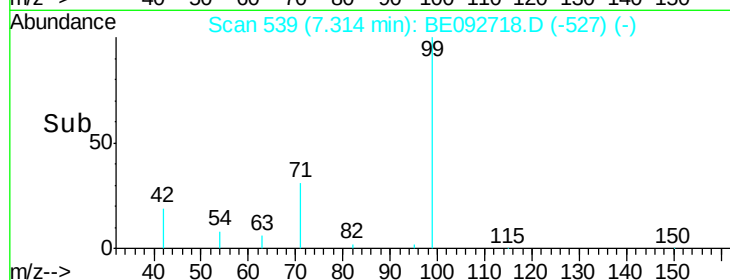
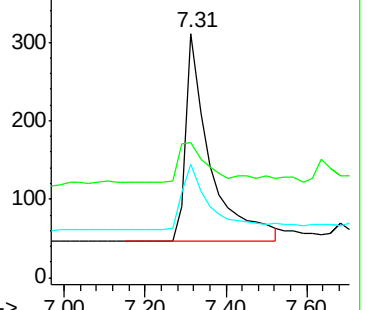
71 35.8 30.6 45.8



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: 0.33 ng

RT: 7.54 min Scan# 549

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

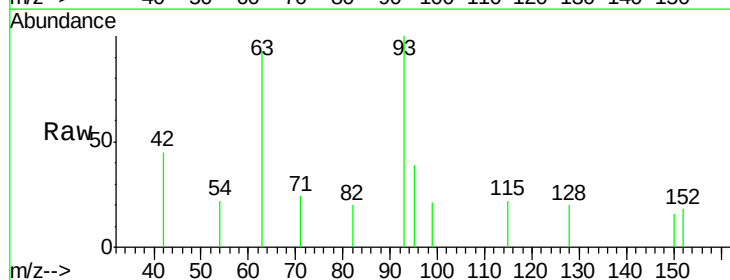
Tgt Ion: 93 Resp: 915

Ion Ratio Lower Upper

93 100

63 72.7 71.6 107.4

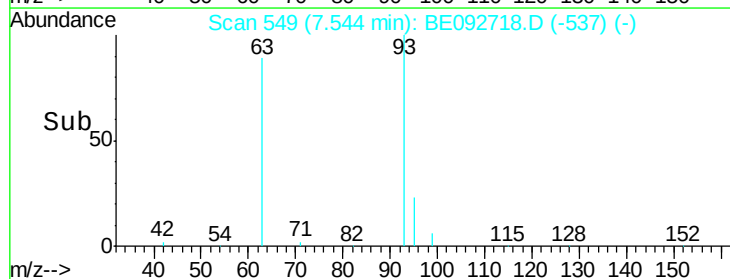
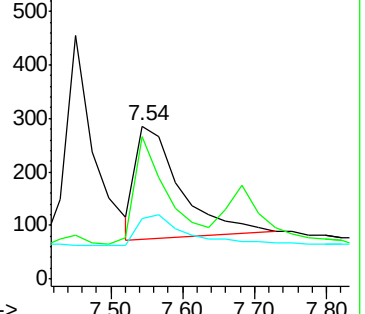
95 0.0 24.0 36.0#

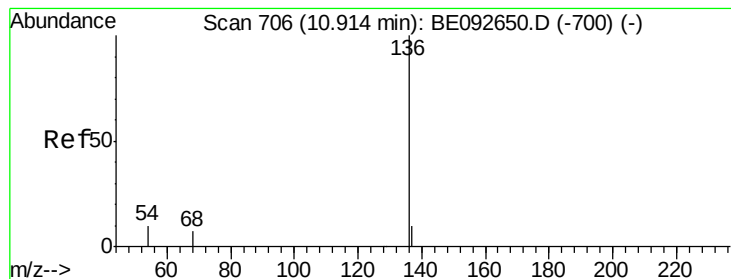


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.89 min Scan# 705

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 41864

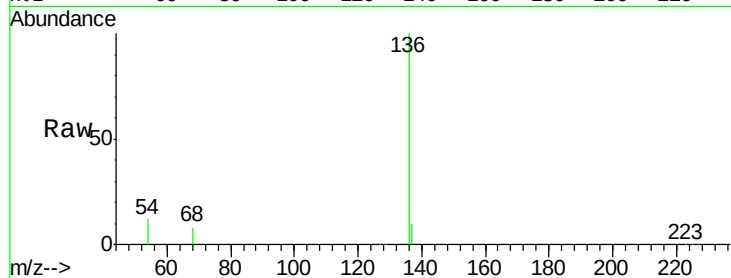
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 11.8 9.6 14.4

68 8.2 6.7 10.1

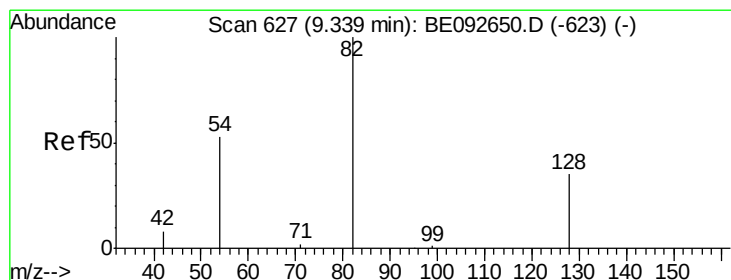
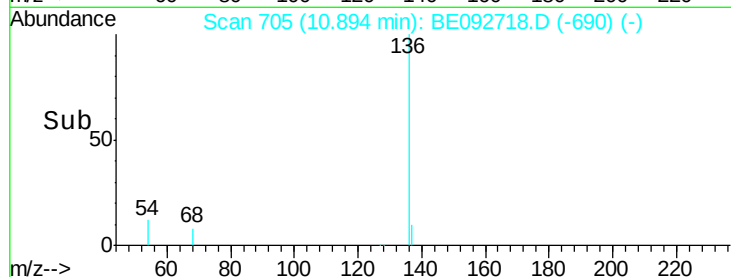
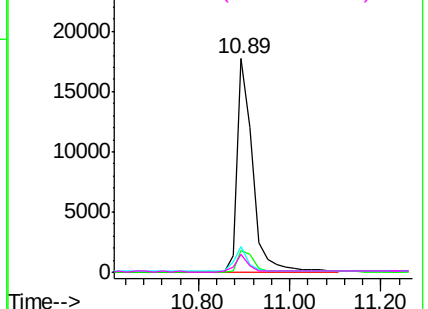


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

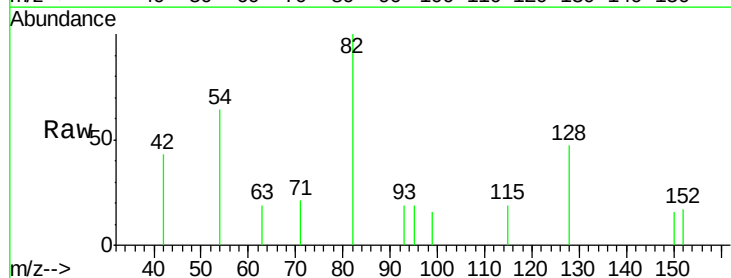
Tgt Ion: 82 Resp: 1072

Ion Ratio Lower Upper

82 100

128 46.9 39.0 58.4

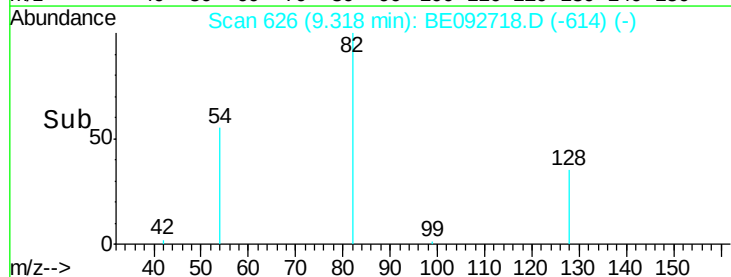
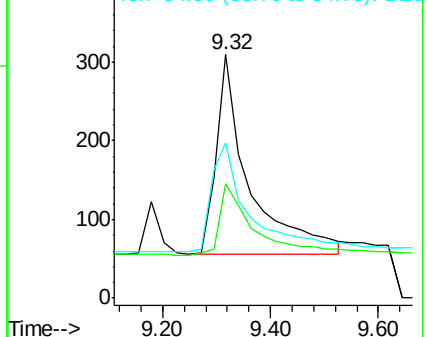
54 64.1 44.8 67.2

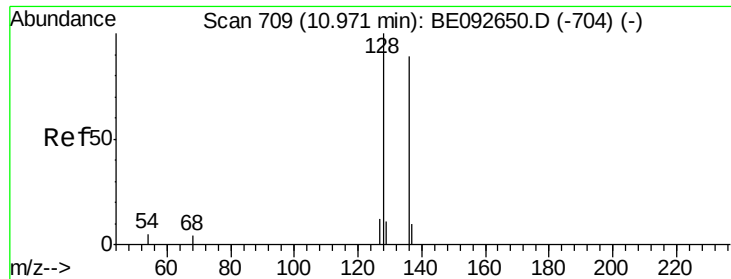


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.43 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

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ClientSampleId :

SSTDCCC0.4

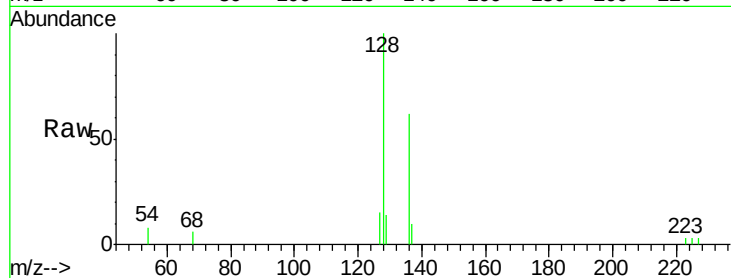
Tgt Ion:128 Resp: 3761

Ion Ratio Lower Upper

128 100

129 13.9 11.2 16.8

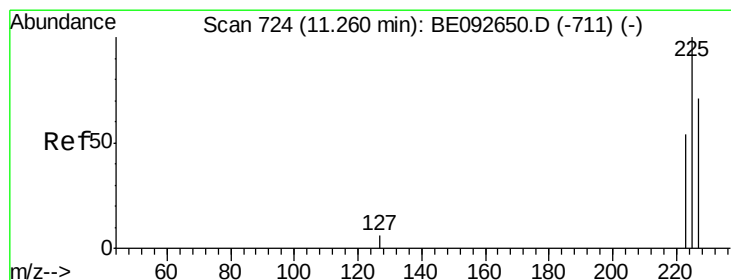
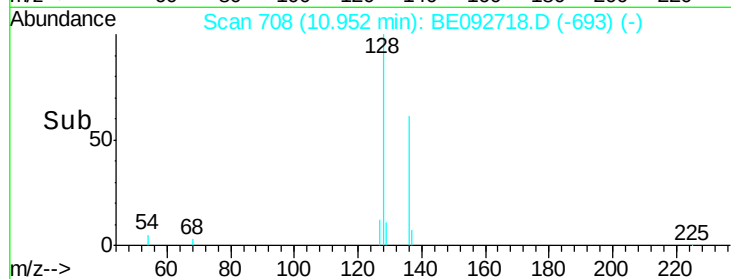
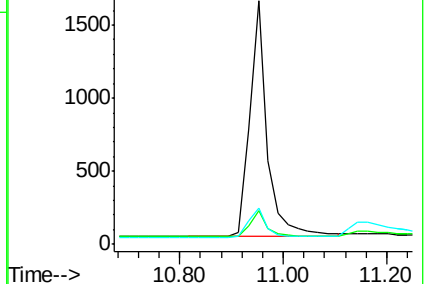
127 14.8 11.6 17.4



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: 0.44 ng

RT: 11.24 min Scan# 723

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

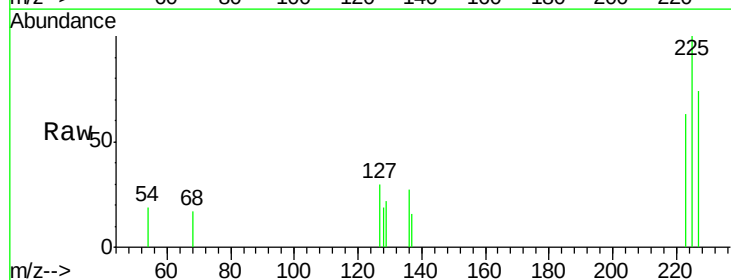
Tgt Ion:225 Resp: 570

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

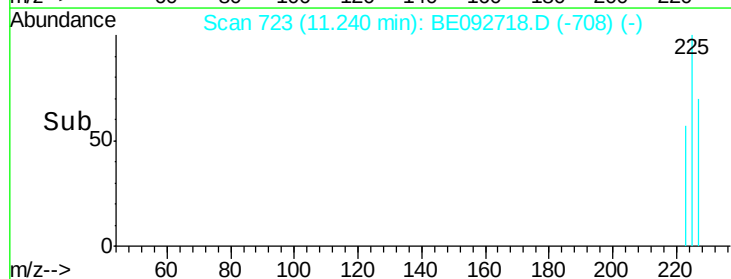
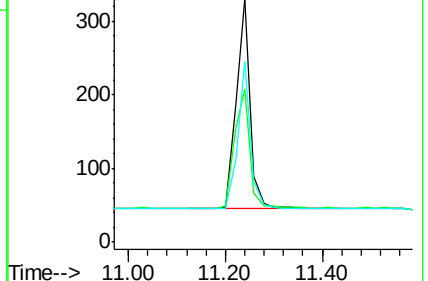
227 63.5 51.4 77.0

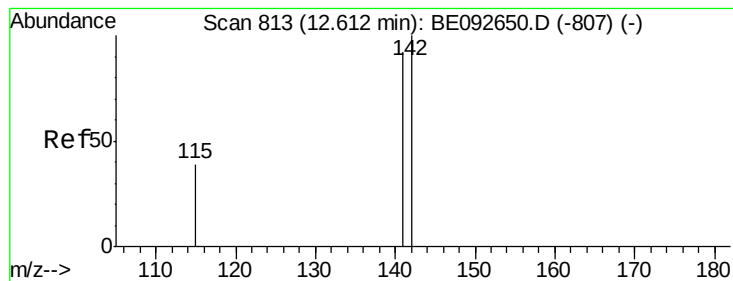


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

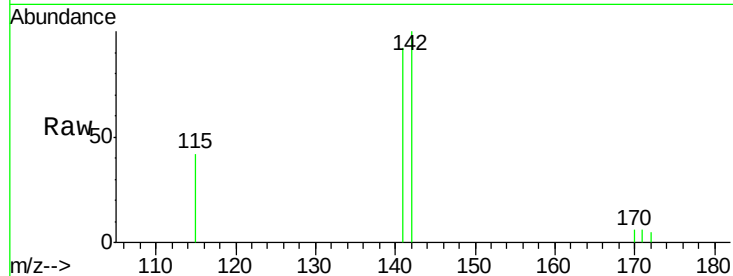




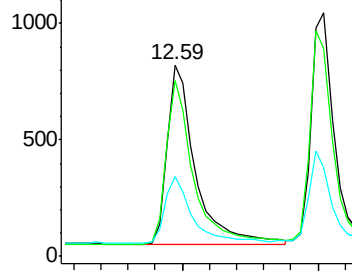
#11
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

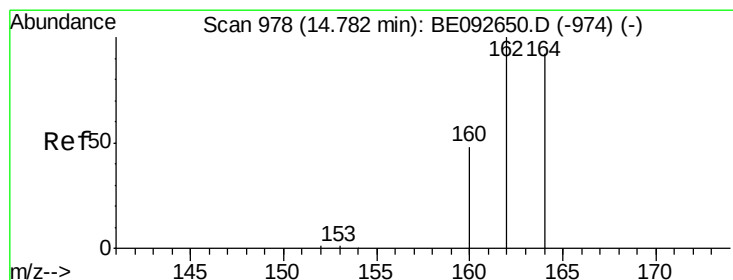
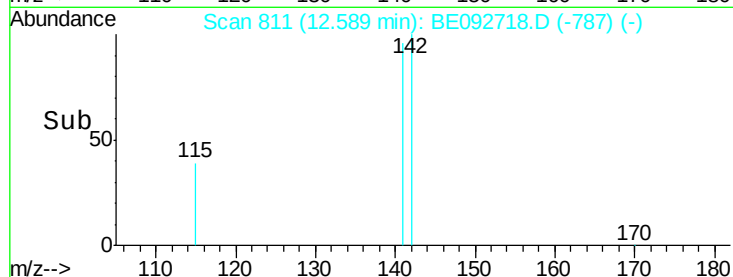
Tgt Ion:142 Resp: 2236
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5
115 41.7 34.0 51.0



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

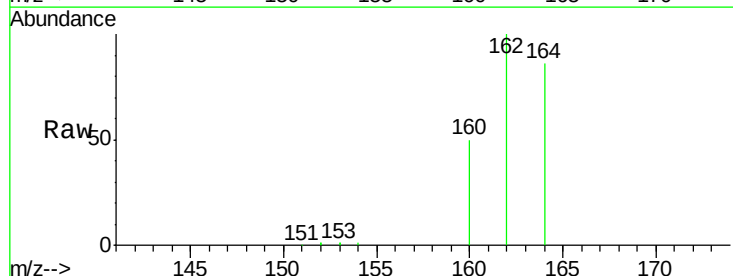


Time-->

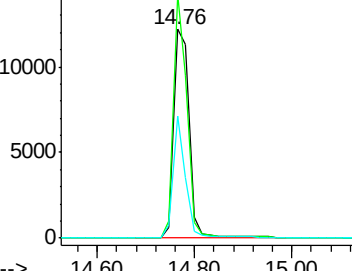


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

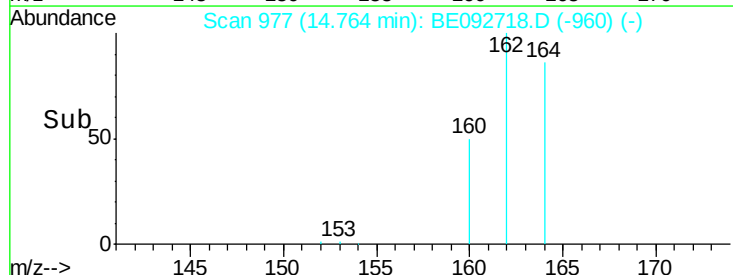
Tgt Ion:164 Resp: 26392
Ion Ratio Lower Upper
164 100
162 116.5 71.4 107.0#
160 58.5 27.4 41.2#

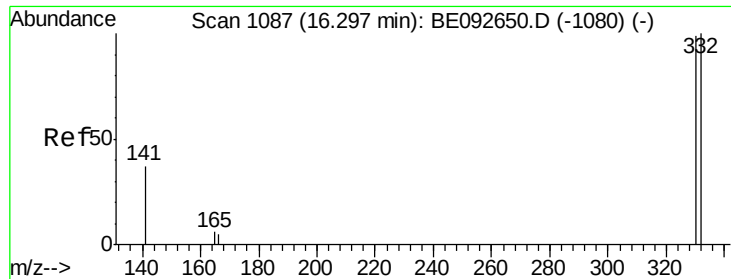


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

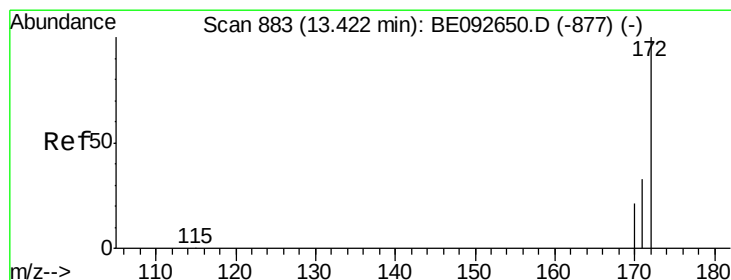
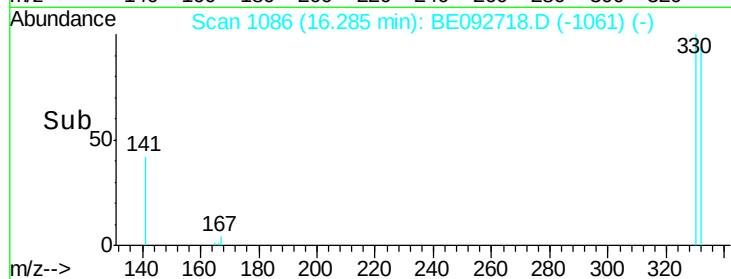
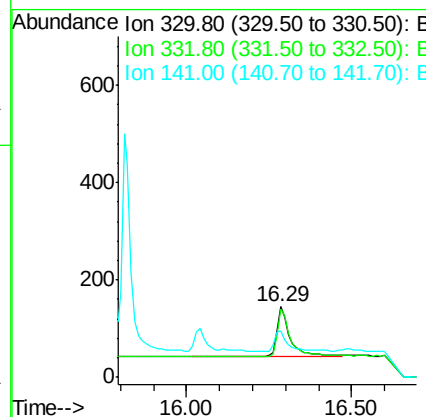
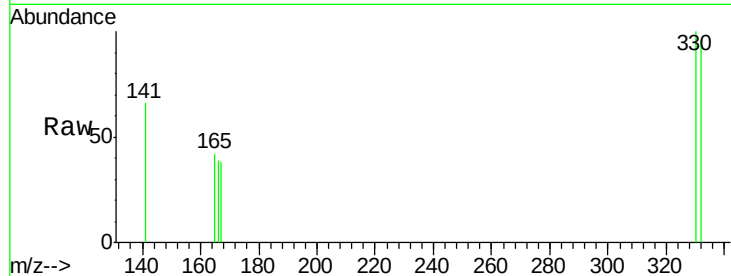




#13
 2,4,6-Tribromophenol
 Concen: 0.49 ng
 RT: 16.29 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

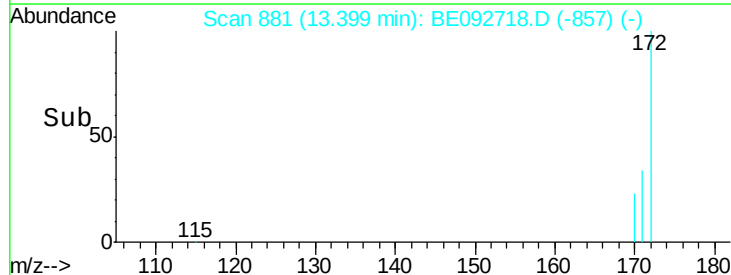
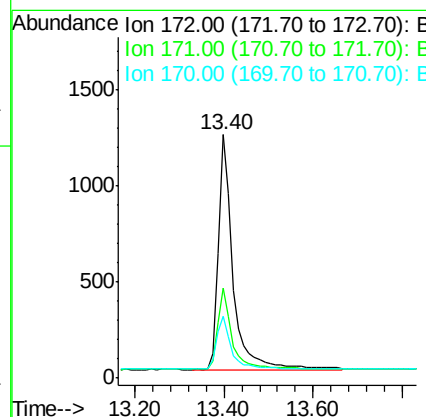
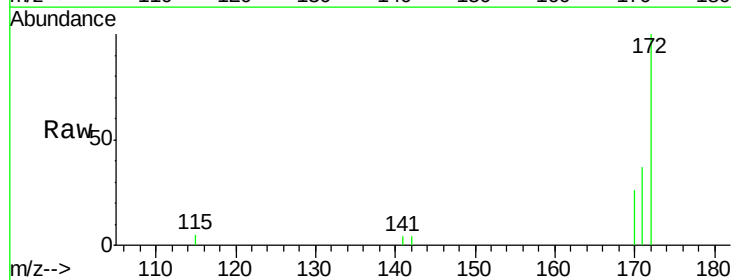
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

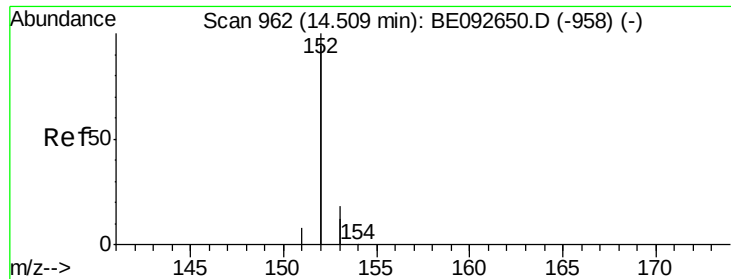
Tgt Ion:330 Resp: 285
 Ion Ratio Lower Upper
 330 100
 332 92.3 75.4 113.0
 141 37.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

Tgt Ion:172 Resp: 2791
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 25.6 21.8 32.6

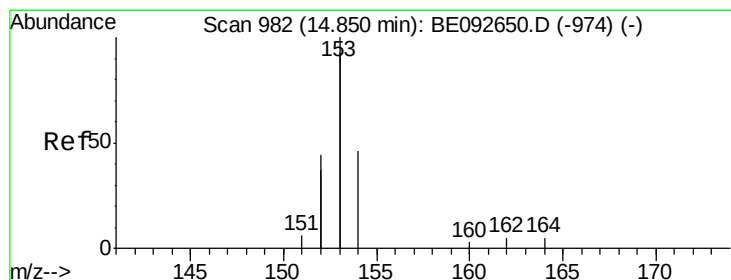
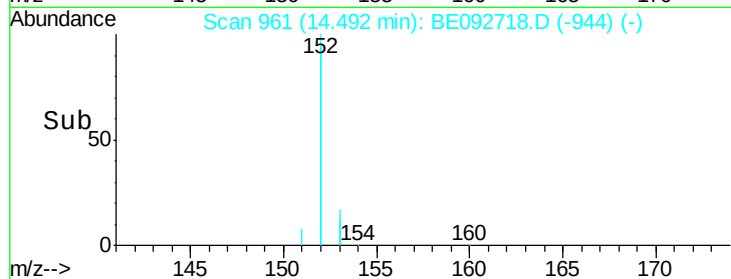
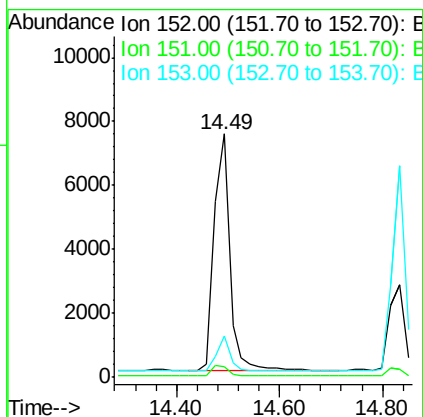
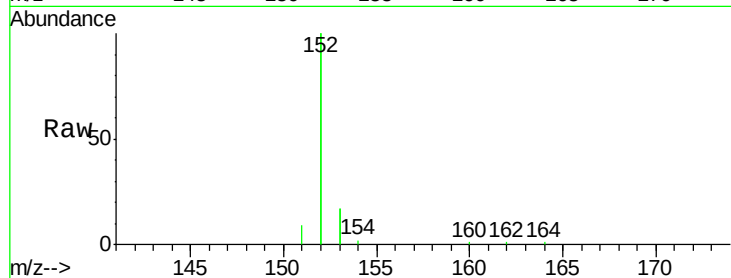




#15
Acenaphthylene
Concen: 0.43 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

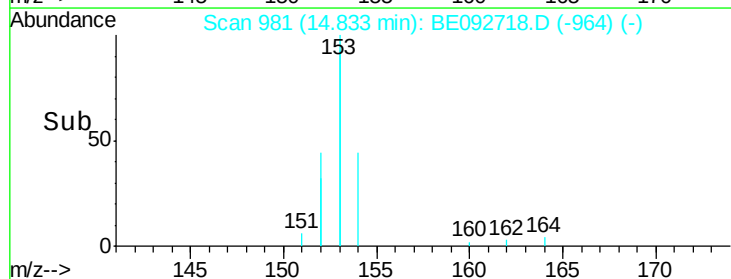
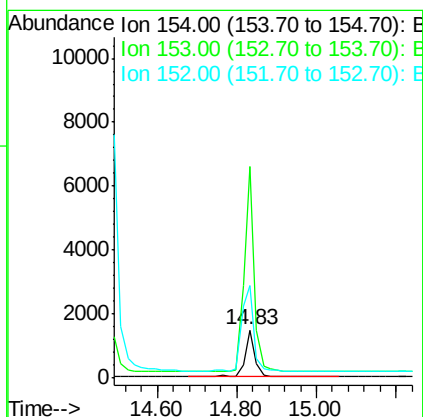
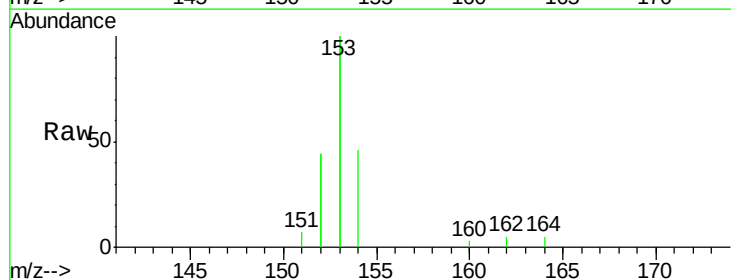
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

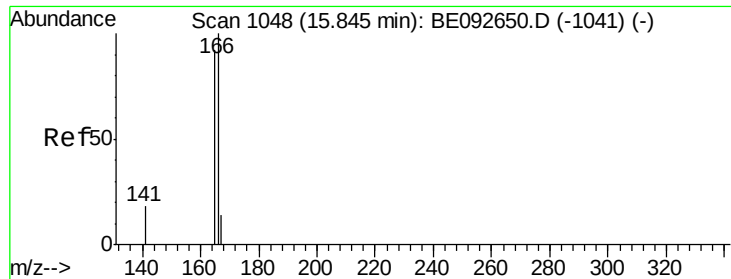
Tgt Ion:152 Resp: 15492
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.7 10.4 15.6



#16
Acenaphthene
Concen: 0.43 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

Tgt Ion:154 Resp: 2515
Ion Ratio Lower Upper
154 100
153 444.3 350.8 526.2
152 227.7 171.1 256.7

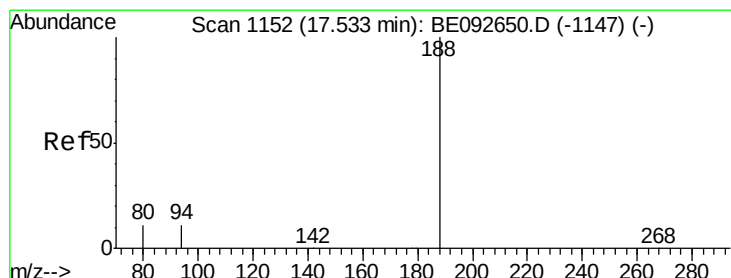
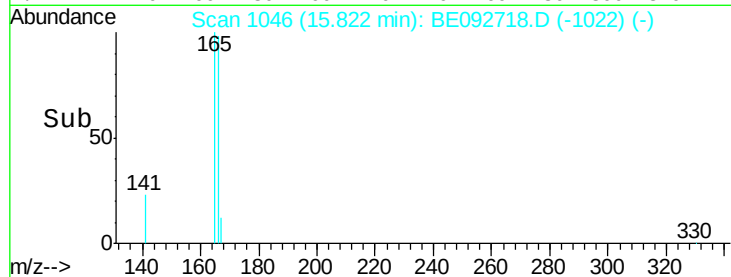
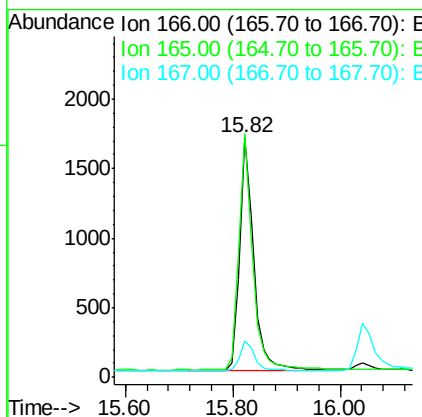
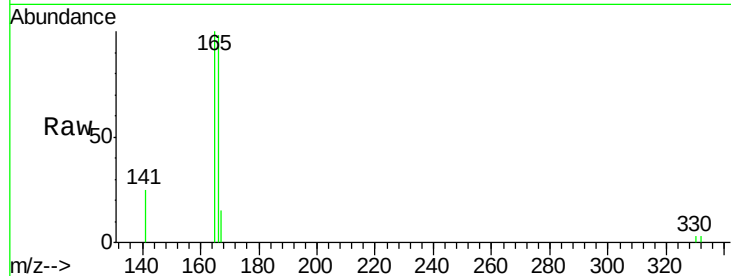




#17
 Fluorene
 Concen: 0.41 ng
 RT: 15.82 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

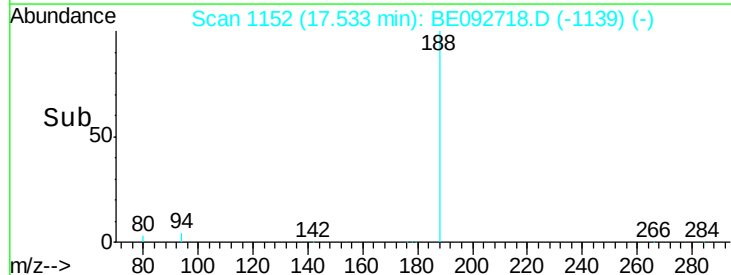
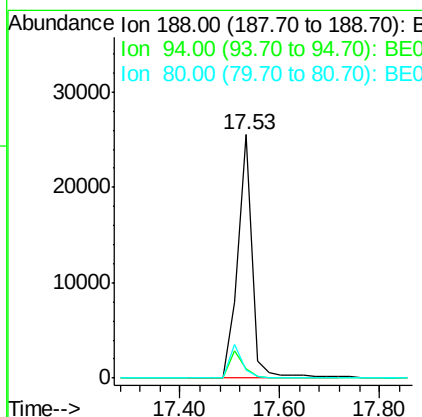
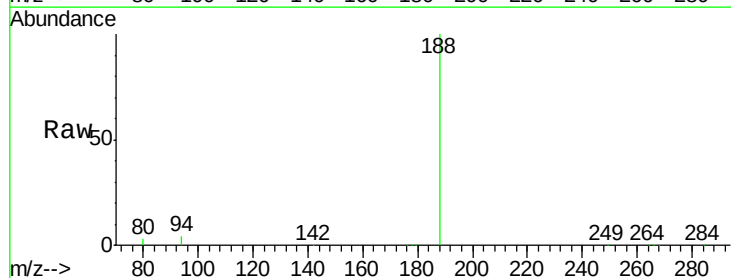
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

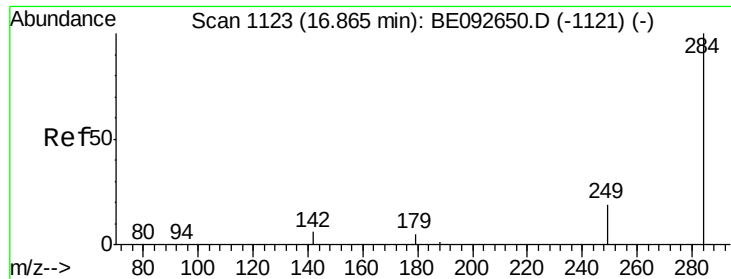
Tgt Ion:166 Resp: 3004
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.2 117.4
 167 13.0 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

Tgt Ion:188 Resp: 50823
 Ion Ratio Lower Upper
 188 100
 94 3.8 3.2 4.8
 80 3.2 2.6 3.8

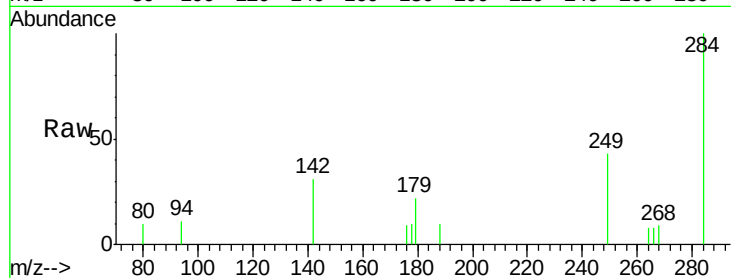




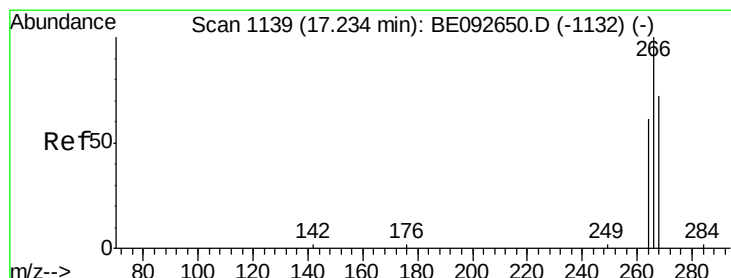
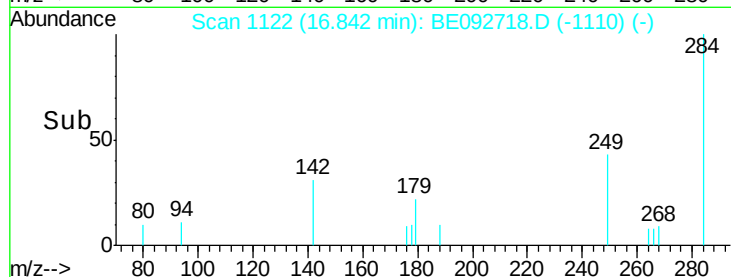
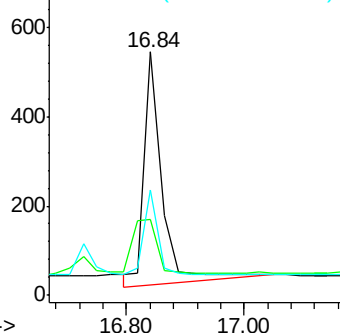
#19
Hexachlorobenzene
Concen: 0.59 ng
RT: 16.84 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1111
Ion Ratio Lower Upper
284 100
142 45.3 29.1 43.7#
249 40.0 27.9 41.9

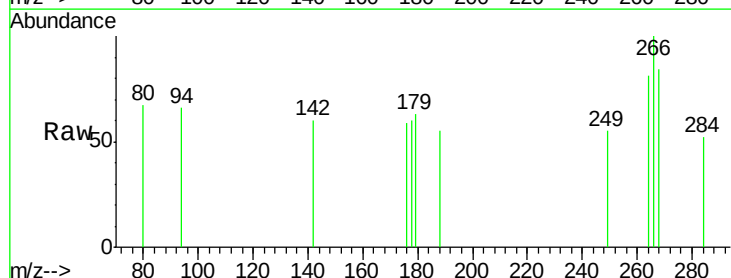


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

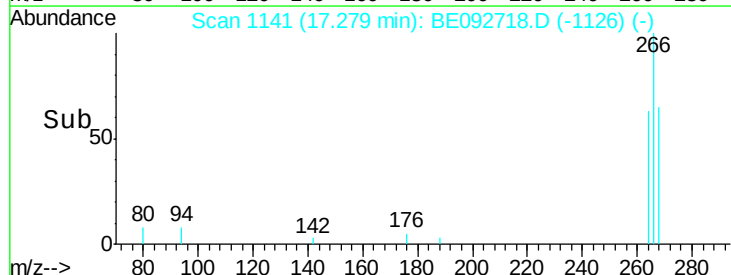
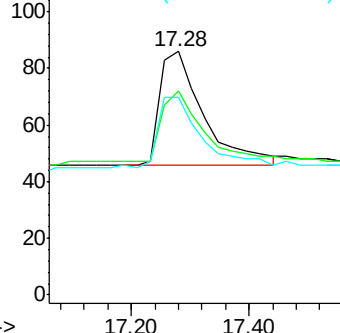


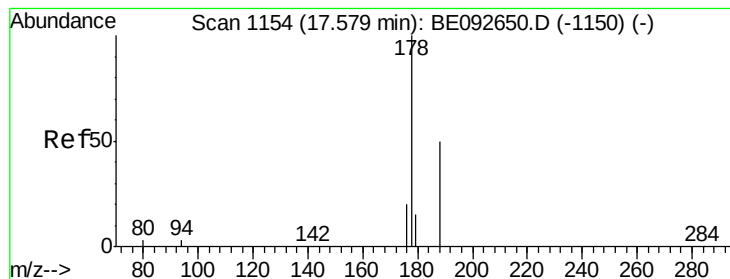
#20
Pentachlorophenol
Concen: 0.39 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.05 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

Tgt Ion: 266 Resp: 203
Ion Ratio Lower Upper
266 100
268 83.7 62.5 93.7
264 81.4 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.45 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

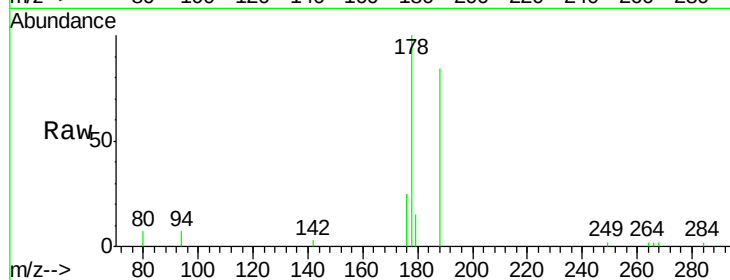
Tgt Ion:178 Resp: 5071

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

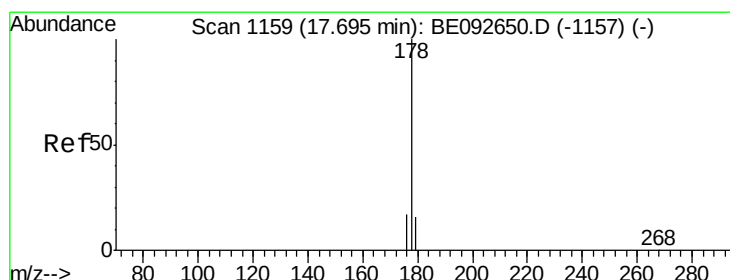
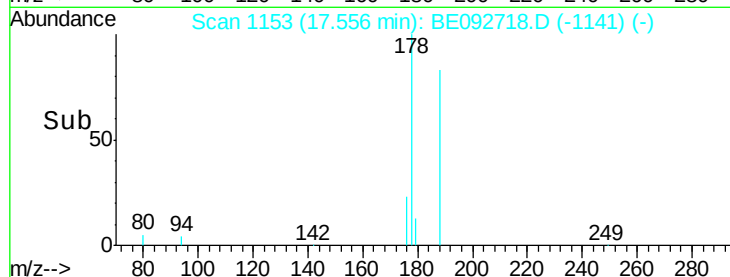
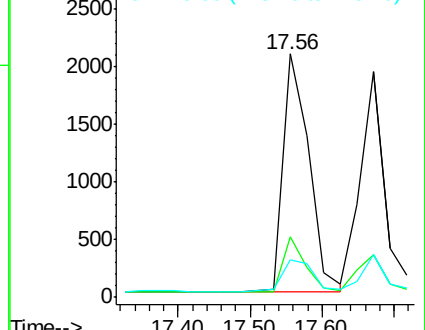
179 15.8 16.0 24.0#



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



#22

Anthracene

Concen: 0.44 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

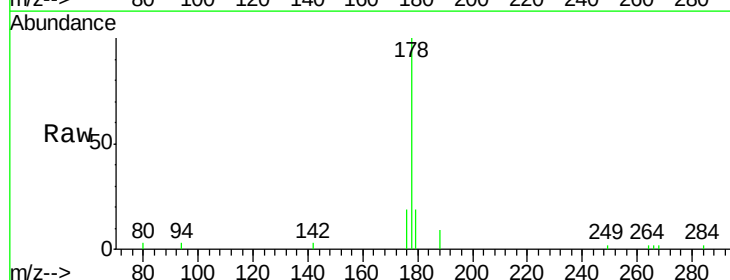
Tgt Ion:178 Resp: 4568

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

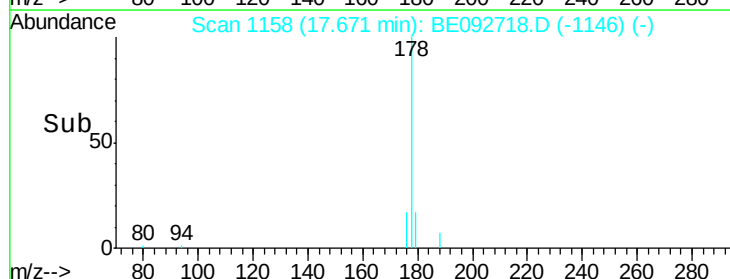
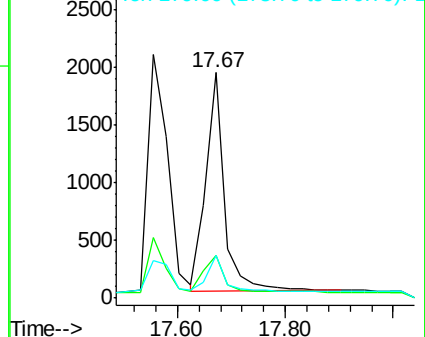
179 16.4 12.2 18.2

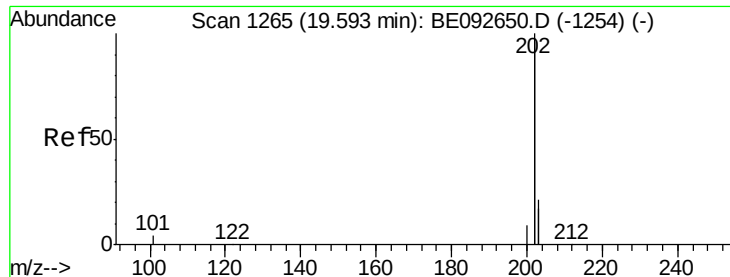


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.47 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

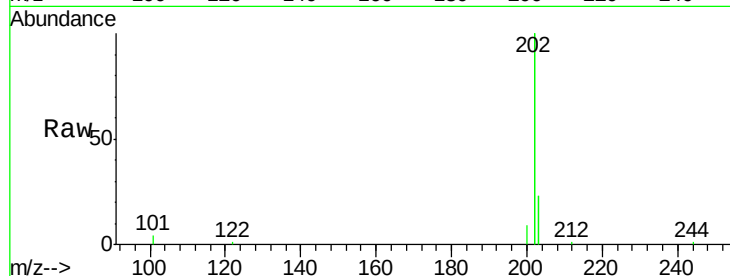
Tgt Ion:202 Resp: 23559

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

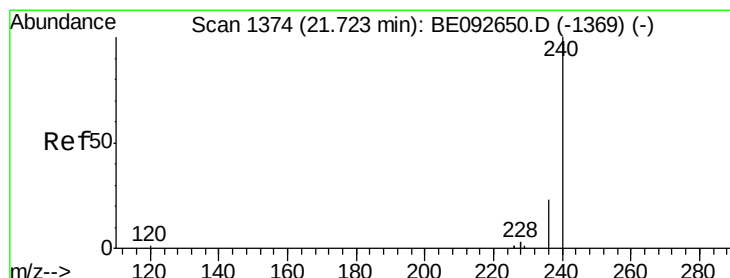
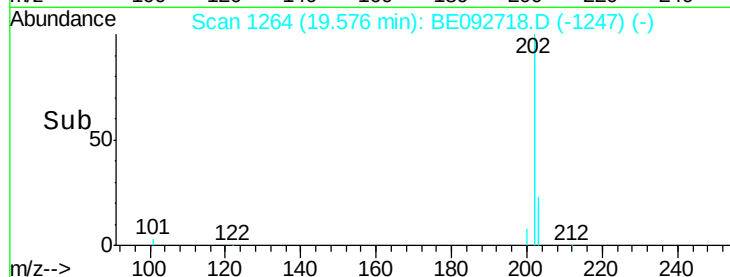
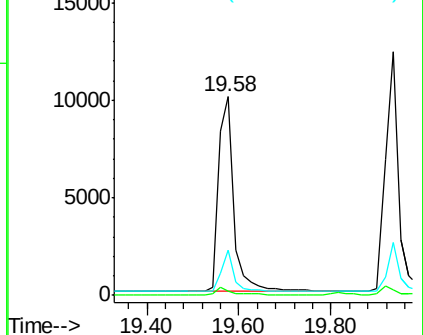
203 17.7 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

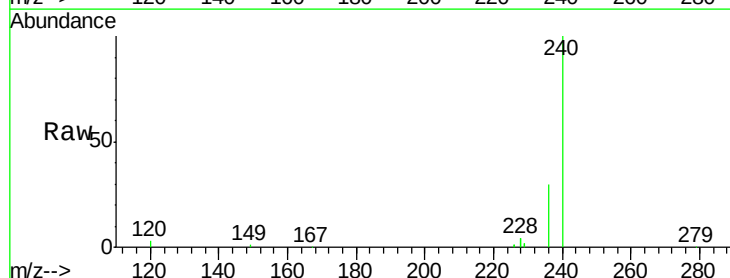
Tgt Ion:240 Resp: 68175

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

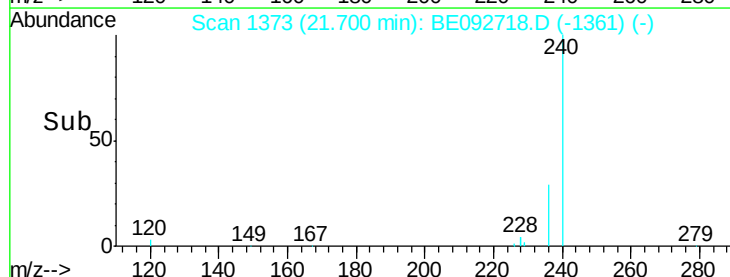
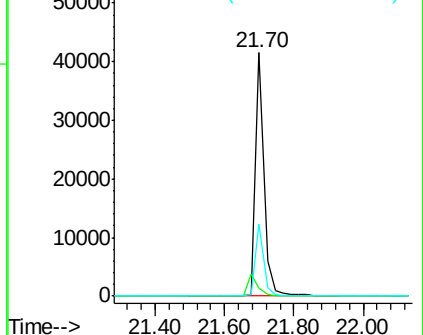
236 29.5 24.6 37.0

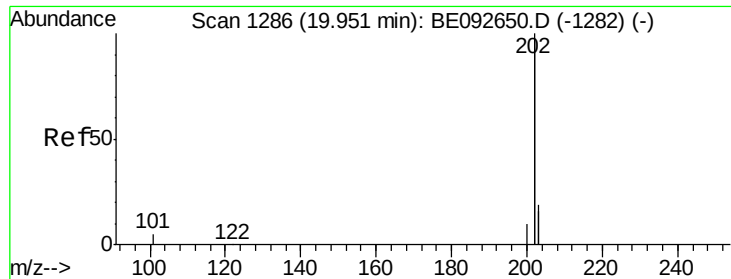


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

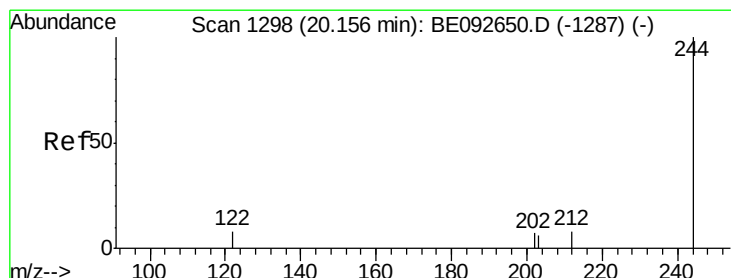
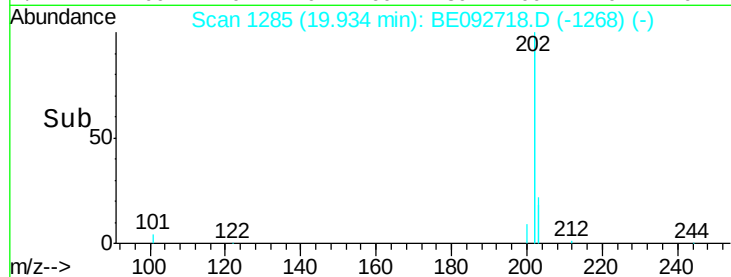
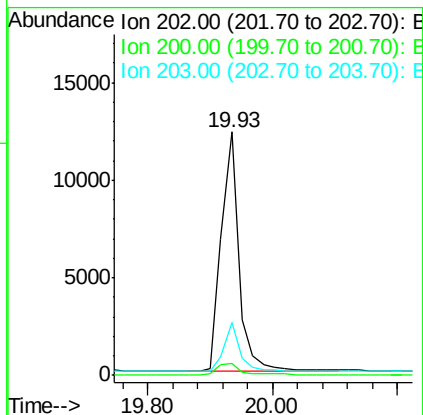
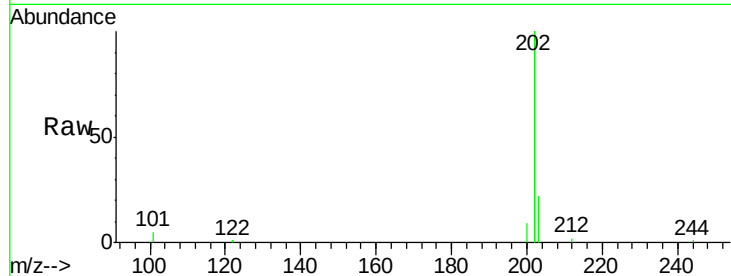




#25
 Pyrene
 Concen: 0.36 ng
 RT: 19.93 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

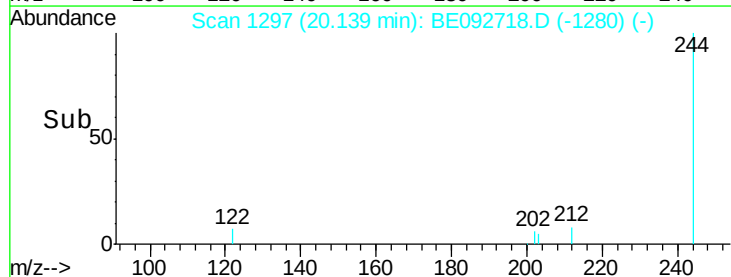
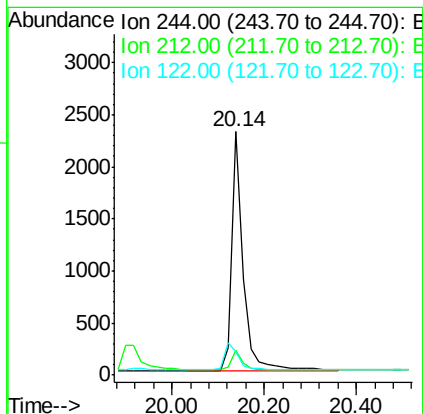
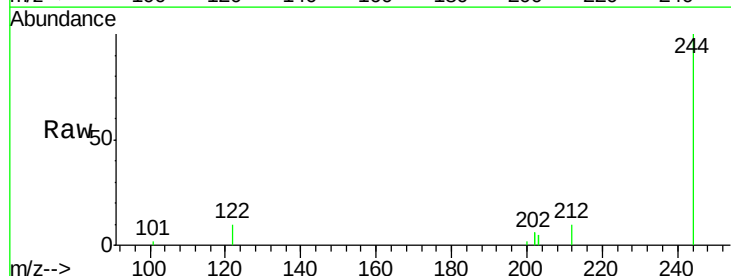
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

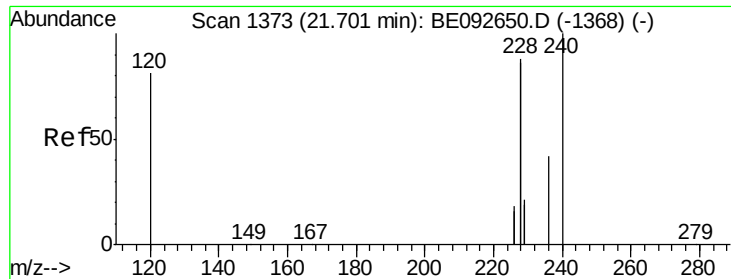
Tgt Ion: 202 Resp: 23972
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 18.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

Tgt Ion: 244 Resp: 3990
 Ion Ratio Lower Upper
 244 100
 212 10.4 6.7 10.1#
 122 9.6 3.6 5.4#

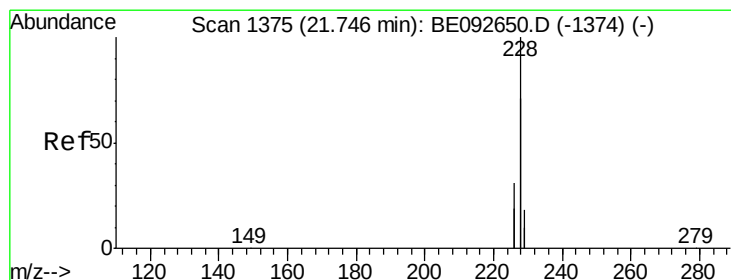
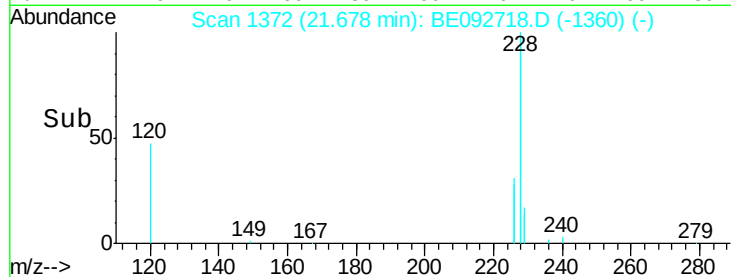
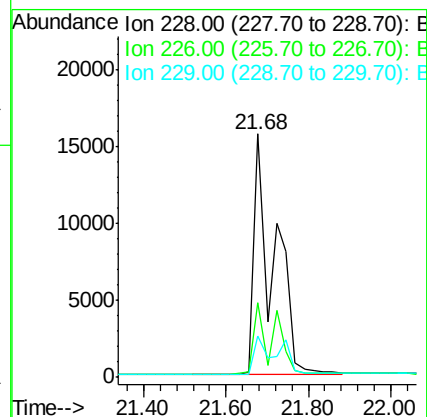
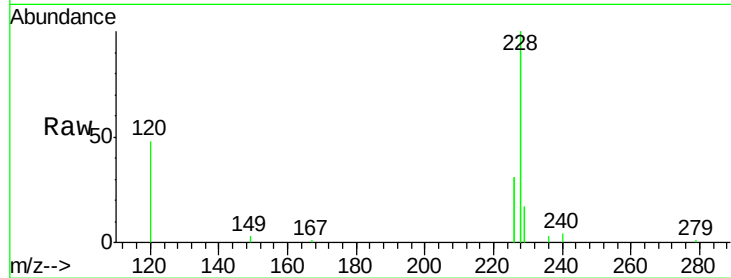




#27
Benzo(a)anthracene
Concen: 0.79 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

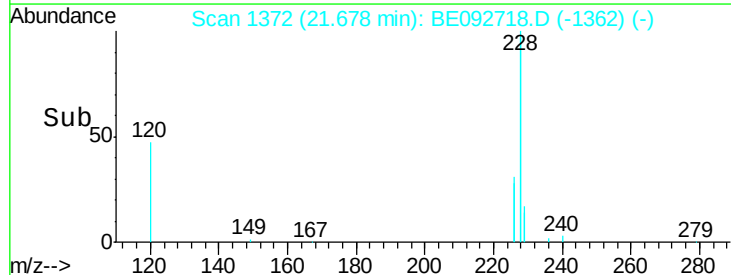
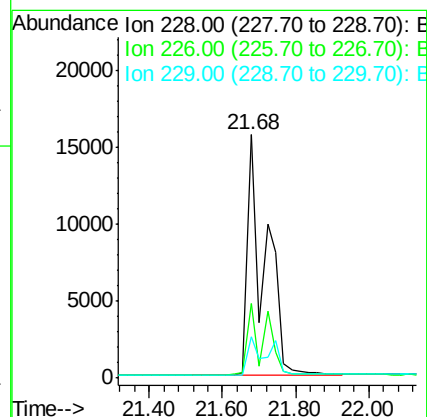
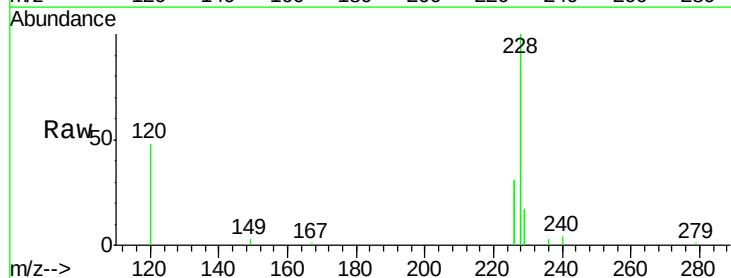
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

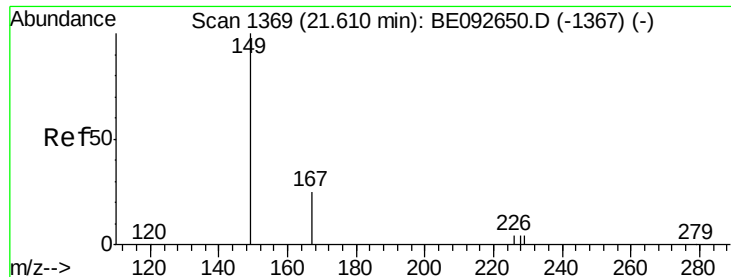
Tgt Ion:228 Resp: 52778
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 16.8 13.3 19.9



#28
Chrysene
Concen: 0.70 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092718.D
Acq: 10 Feb 2017 12:21

Tgt Ion:228 Resp: 53009
Ion Ratio Lower Upper
228 100
226 30.8 36.3 54.5#
229 16.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.59 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

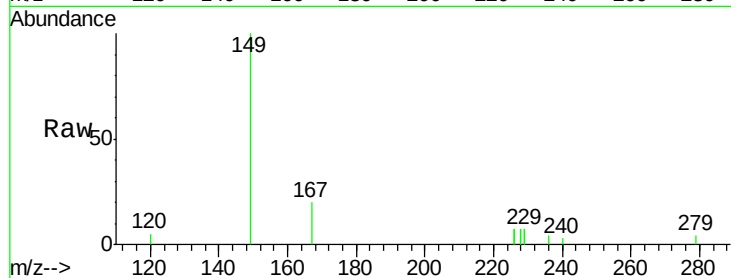
Tgt Ion:149 Resp: 3571

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

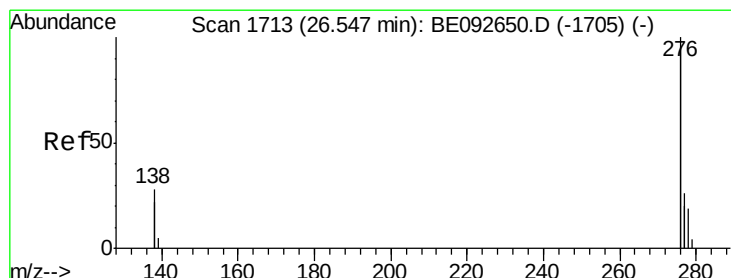
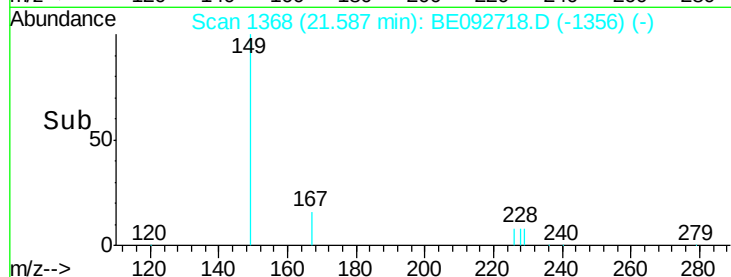
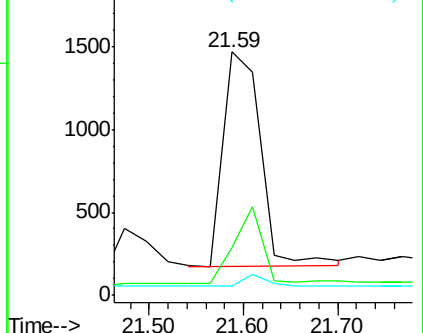
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.38 ng

RT: 26.51 min Scan# 1711

Delta R.T. -0.03 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

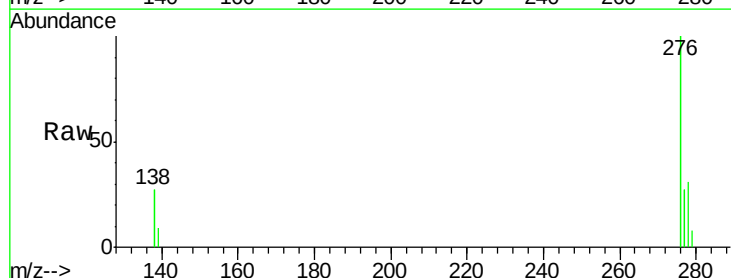
Tgt Ion:276 Resp: 31039

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

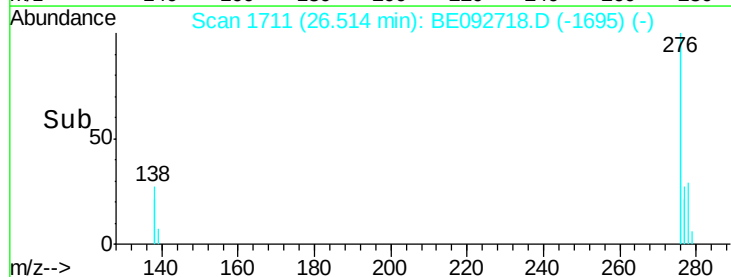
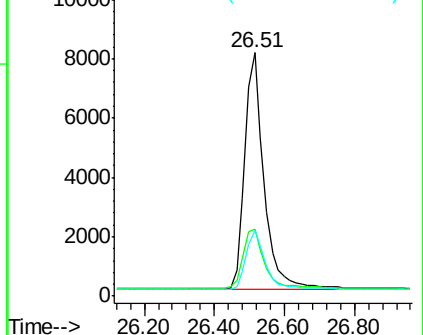
277 24.9 19.7 29.5

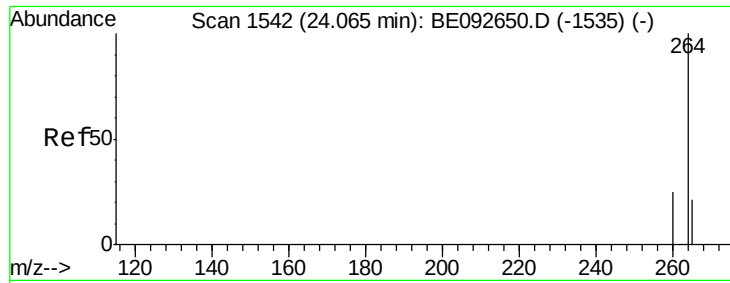


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

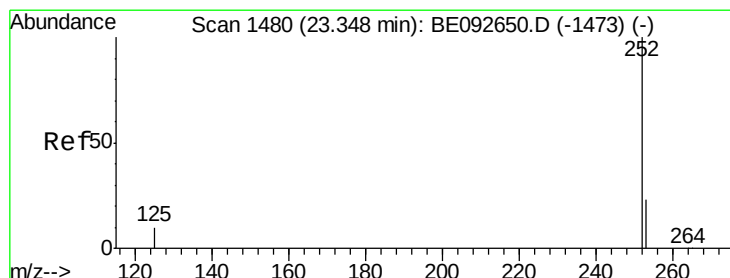
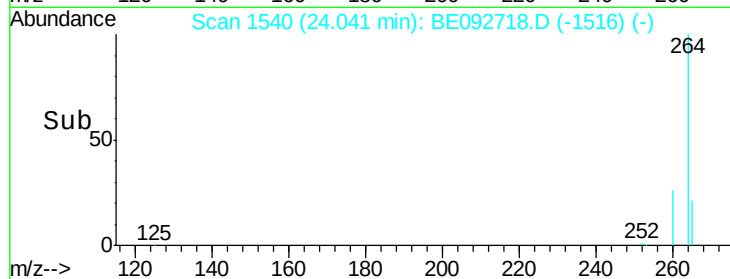
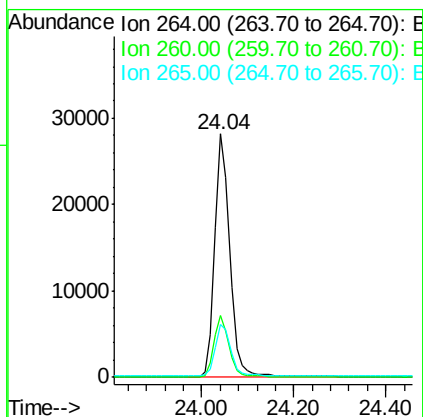
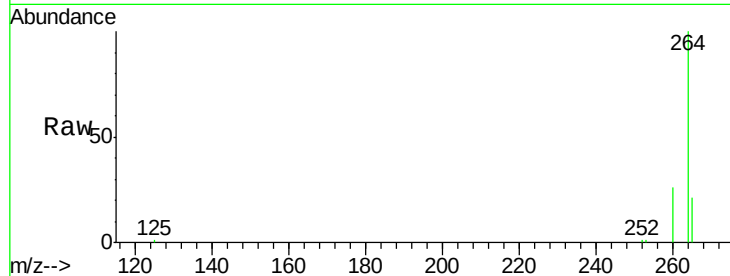




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.04 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

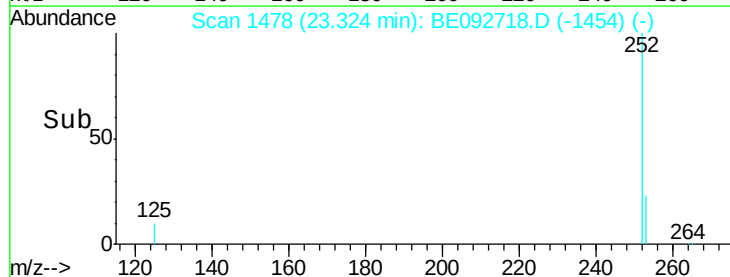
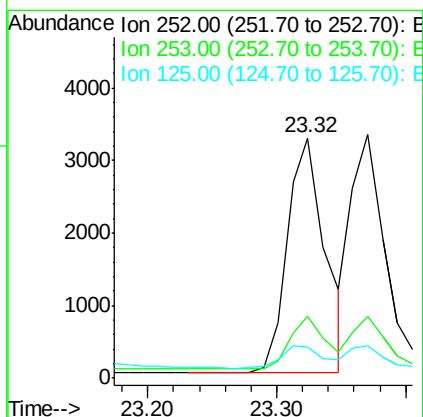
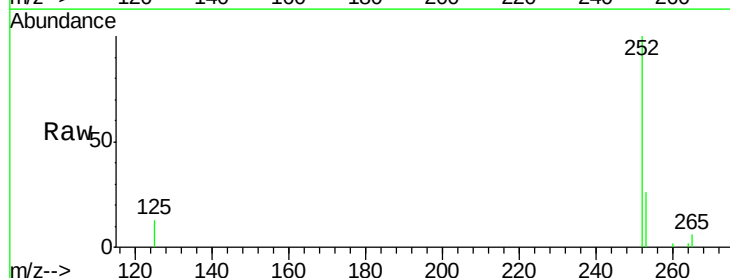
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

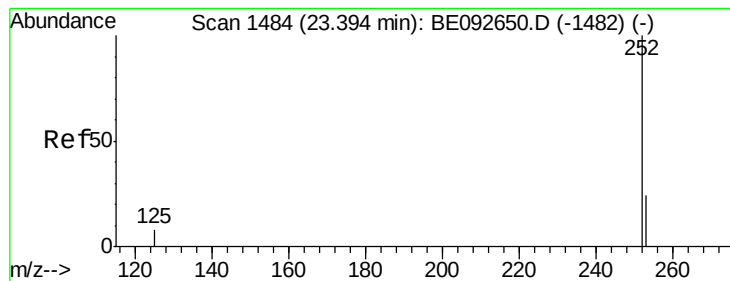
Tgt Ion: 264 Resp: 64183
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 21.5 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.42 ng
 RT: 23.32 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BE092718.D
 Acq: 10 Feb 2017 12:21

Tgt Ion: 252 Resp: 6581
 Ion Ratio Lower Upper
 252 100
 253 25.8 18.7 28.1
 125 13.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.42 ng

RT: 23.37 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

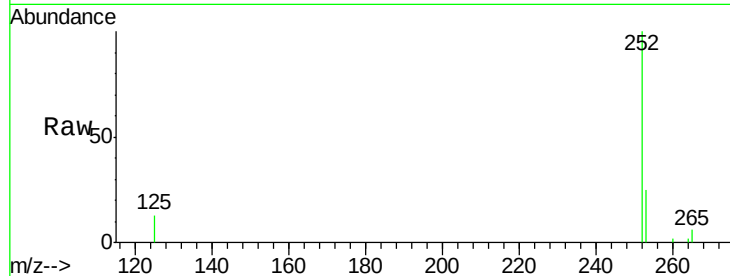
Tgt Ion:252 Resp: 6542

Ion Ratio Lower Upper

252 100

253 25.2 20.3 30.5

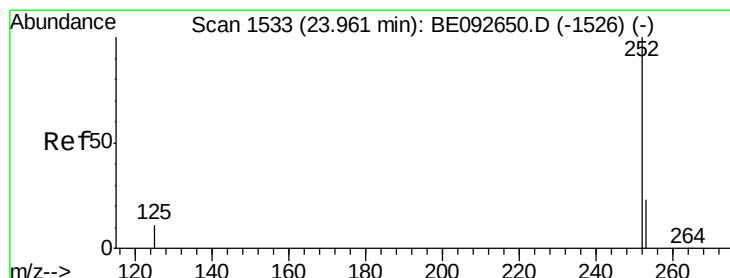
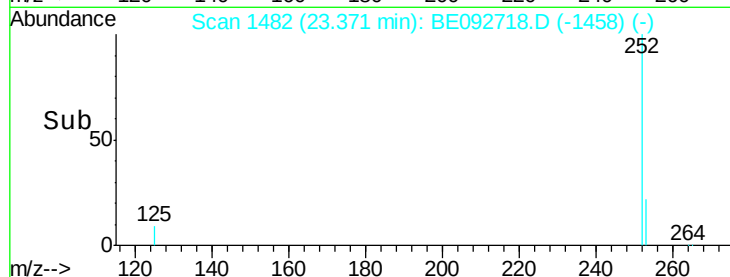
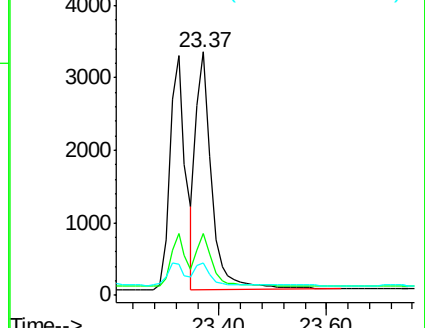
125 13.2 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 0.42 ng

RT: 23.94 min Scan# 1531

Delta R.T. -0.02 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

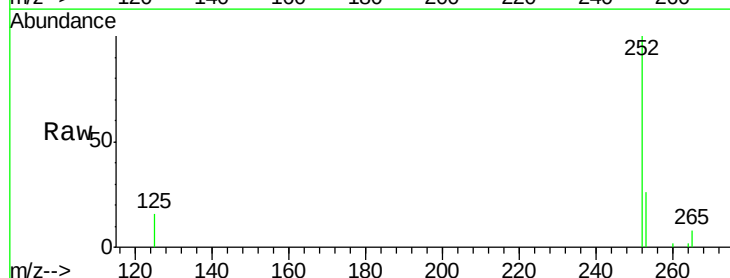
Tgt Ion:252 Resp: 6172

Ion Ratio Lower Upper

252 100

253 26.0 19.0 28.6

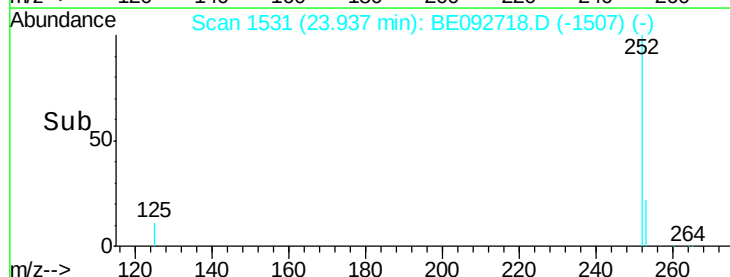
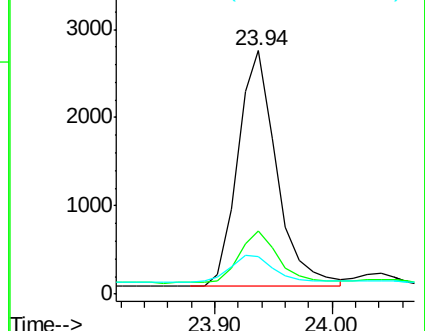
125 15.5 11.8 17.8

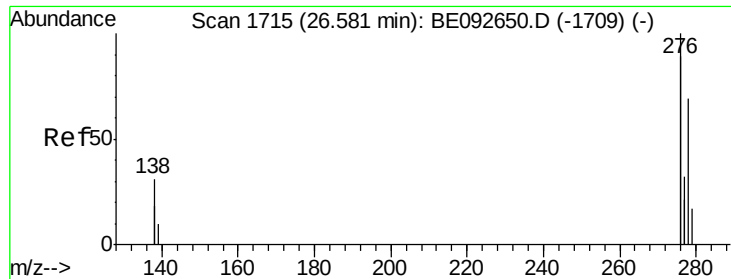


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.44 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.05 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

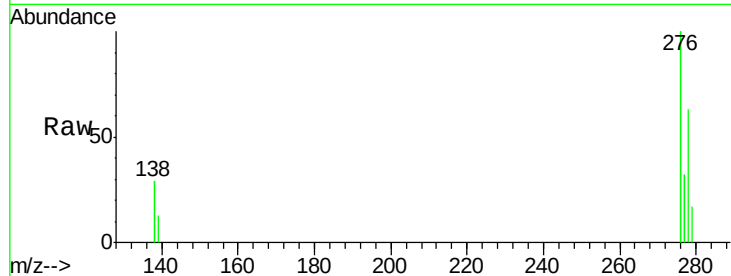
Tgt Ion: 278 Resp: 6340

Ion Ratio Lower Upper

278 100

139 20.1 13.8 20.8

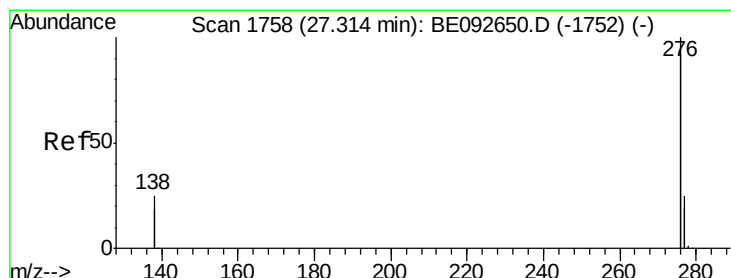
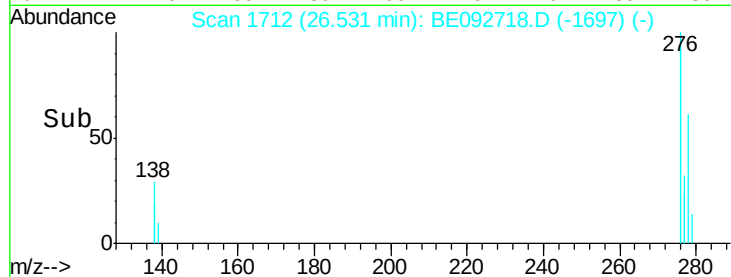
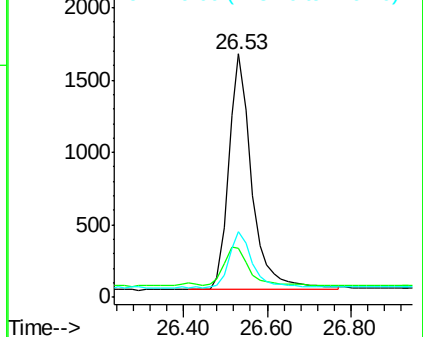
279 26.8 21.4 32.2



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



#36

Benzo(g,h,i)perylene

Concen: 0.45 ng

RT: 27.26 min Scan# 1755

Delta R.T. -0.05 min

Lab File: BE092718.D

Acq: 10 Feb 2017 12:21

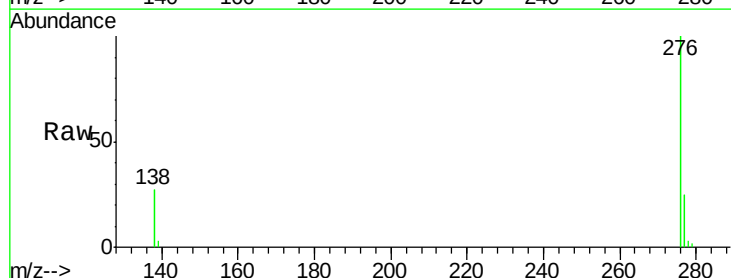
Tgt Ion: 276 Resp: 27060

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 26.6 19.8 29.6



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

