

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021517\
 Data File : BE092739.D
 Acq On : 15 Feb 2017 18:45
 Operator : SJ/MA
 Sample : PB96882BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 16 03:25:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10156	5.00	ng	0.00
7) Naphthalene-d8	10.87	136	44558	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	25586	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	48633	5.00	ng	0.00
24) Chrysene-d12	21.70	240	48507	5.00	ng	0.00
31) Perylene-d12	24.03	264	49316	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.61	112	21763	11.02	ng	-0.02
5) Phenol-d6	7.27	99	28918	11.93	ng	-0.05
8) Nitrobenzene-d5	9.27	82	13830	4.60	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	6051	11.14	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	28047	4.50	ng	-0.02
26) Terphenyl-d14	20.12	244	32337	5.22	ng	-0.02

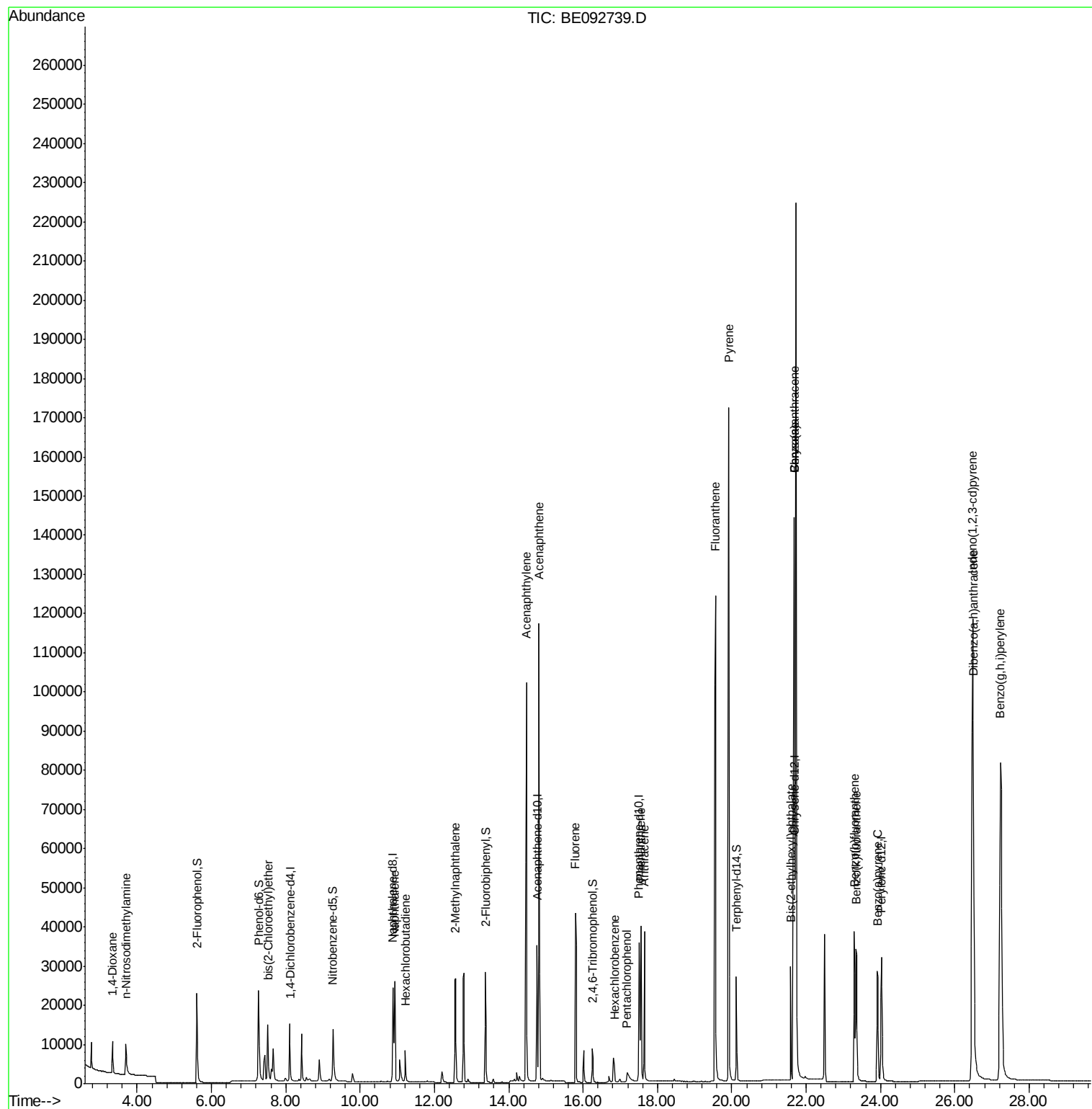
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	4751	3.76	ng	# 77
3) n-Nitrosodimethylamine	3.70	42	7452	4.02	ng	# 95
6) bis(2-Chloroethyl)ether	7.52	93	13115	4.89	ng	90
9) Naphthalene	10.93	128	37303	3.87	ng	95
10) Hexachlorobutadiene	11.22	225	5679	4.00	ng	99
11) 2-Methylnaphthalene	12.57	142	24224	4.00	ng	# 86
15) Acenaphthylene	14.47	152	150667	3.90	ng	100
16) Acenaphthene	14.82	154	22755	4.06	ng	94
17) Fluorene	15.80	166	28875	4.01	ng	99
19) Hexachlorobenzene	16.84	284	7367	3.92	ng	# 39
20) Pentachlorophenol	17.19	266	5055	9.12	ng	# 88
21) Phenanthrene	17.56	178	48426	4.19	ng	# 94
22) Anthracene	17.65	178	48548	4.56	ng	99
23) Fluoranthene	19.56	202	201913	4.07	ng	100
25) Pyrene	19.92	202	210945	4.57	ng	99
27) Benzo(a)anthracene	21.68	228	190937	4.06	ng	# 75
28) Chrysene	21.68	228	190937	3.42	ng	# 58
29) Bis(2-ethylhexyl)phthalate	21.59	149	33294	5.12	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.48	276	246858	4.27	ng	97
32) Benzo(b)fluoranthene	23.30	252	50846	3.93	ng	95
33) Benzo(k)fluoranthene	23.35	252	54888	3.98	ng	93
34) Benzo(a)pyrene	23.91	252	50972	4.02	ng	94
35) Dibenzo(a,h)anthracene	26.50	278	50725	4.07	ng	96
36) Benzo(g,h,i)perylene	27.23	276	213277	4.13	ng	98

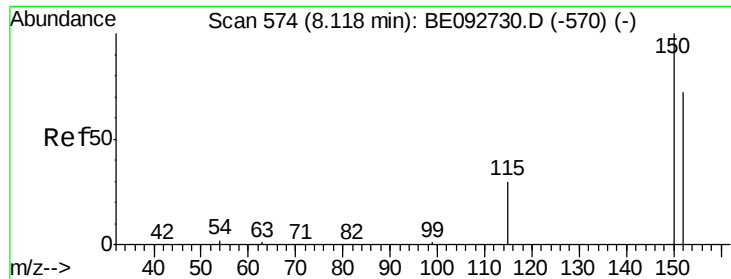
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampled :

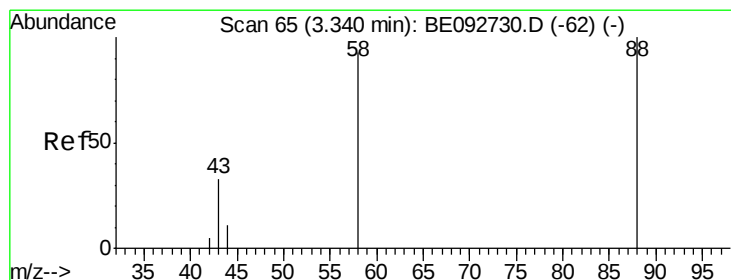
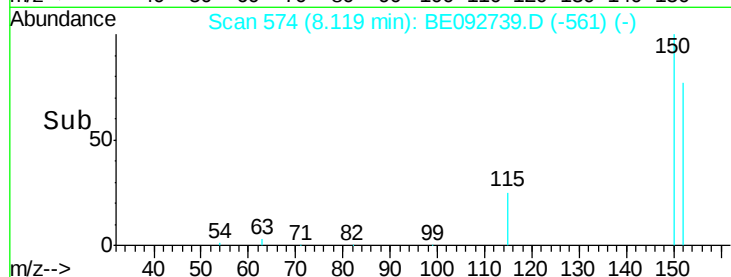
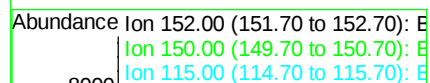
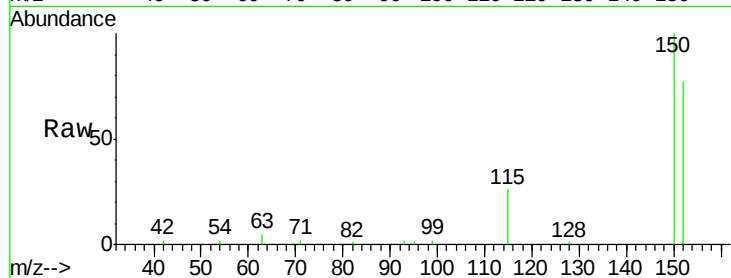
Tot Ion:152 Resp: 10156

Ion Ratio Lower Upper

152 100

150 129.2 106.0 159.0

115 34.0 31.2 46.8



#2

1,4-Dioxane

Concen: 3.76 ng

RT: 3.34 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

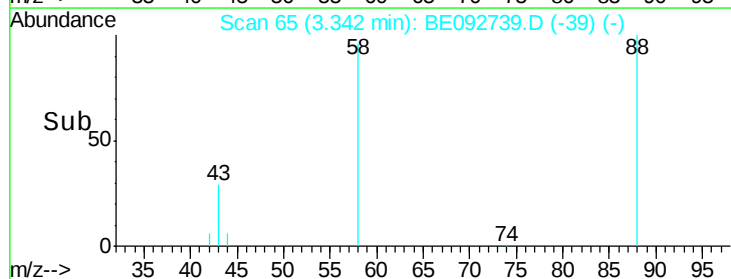
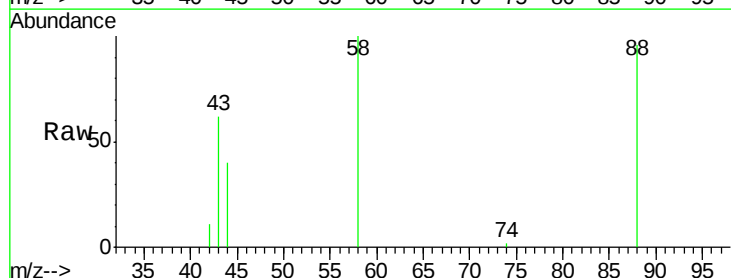
Tgt Ion: 88 Resp: 4751

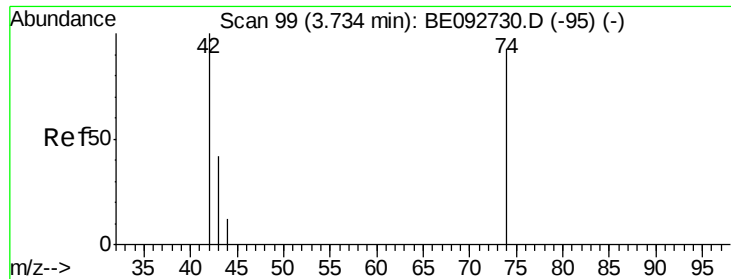
Ion Ratio Lower Upper

88 100

58 93.0 63.6 95.4

43 58.6 28.0 42.0#



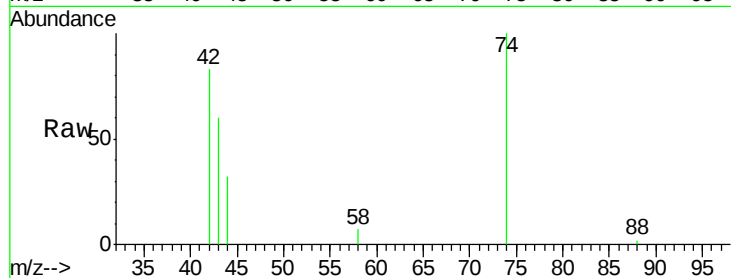


#3

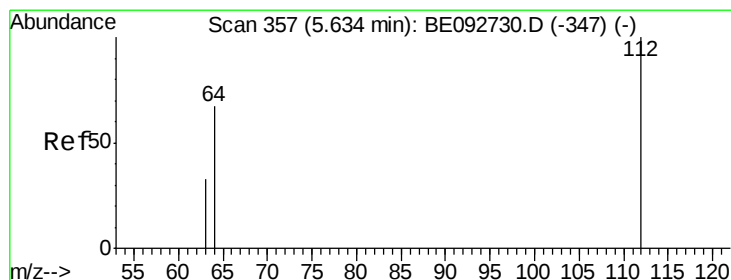
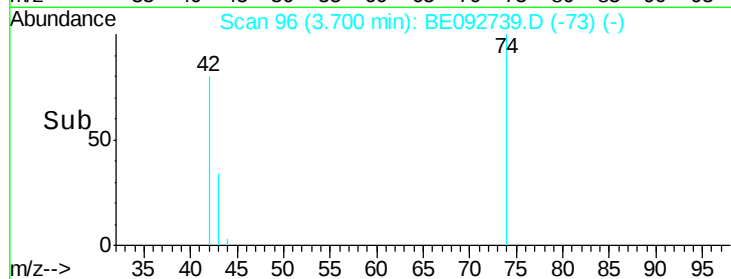
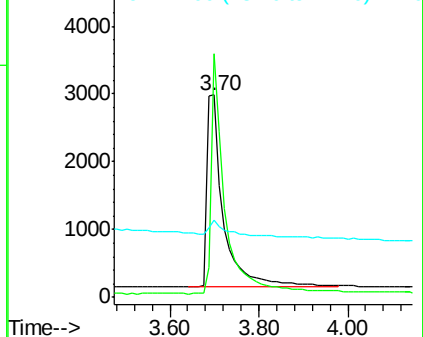
n-Nitrosodimethylamine
Concen: 4.02 ng
RT: 3.70 min Scan# 96
Delta R.T. -0.03 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 7452
Ion Ratio Lower Upper
42 100
74 103.2 86.0 129.0
44 14.4 5.1 7.7#



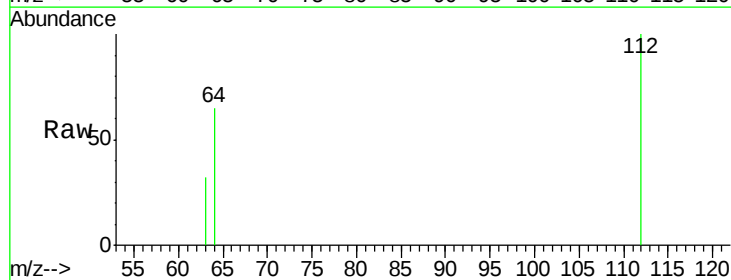
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



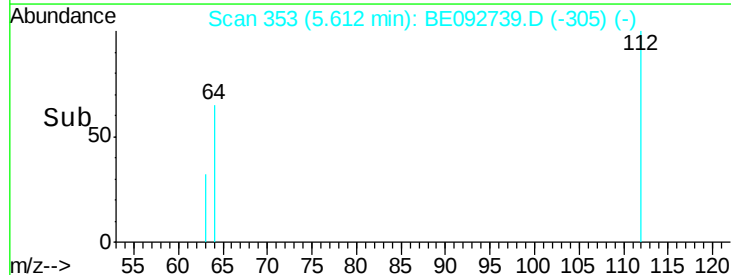
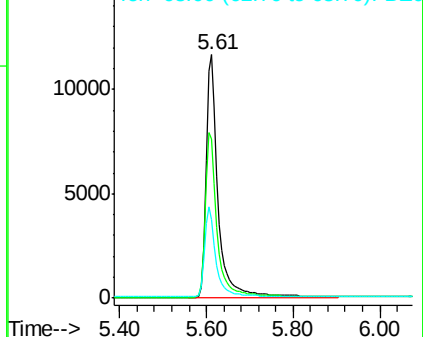
#4

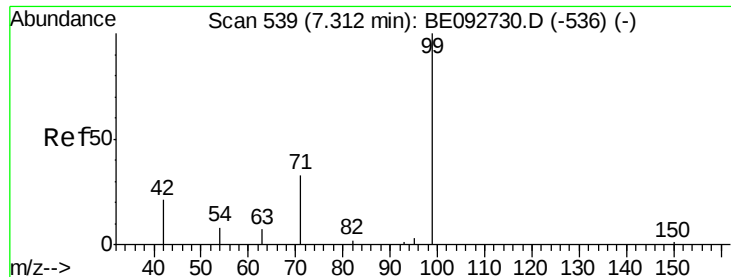
2-Fluorophenol
Concen: 11.02 ng
RT: 5.61 min Scan# 353
Delta R.T. -0.02 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Tgt Ion: 112 Resp: 21763
Ion Ratio Lower Upper
112 100
64 68.3 53.5 80.3
63 36.4 27.9 41.9



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: 11.93 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

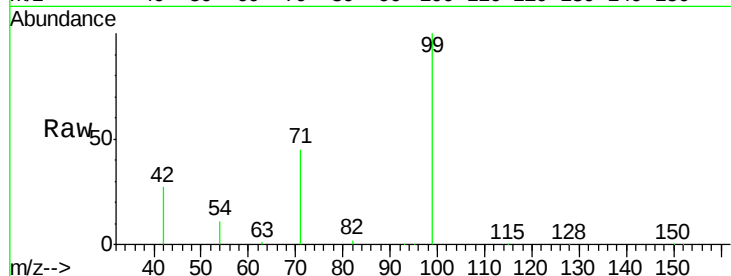
Tot Ion: 99 Resp: 28918

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

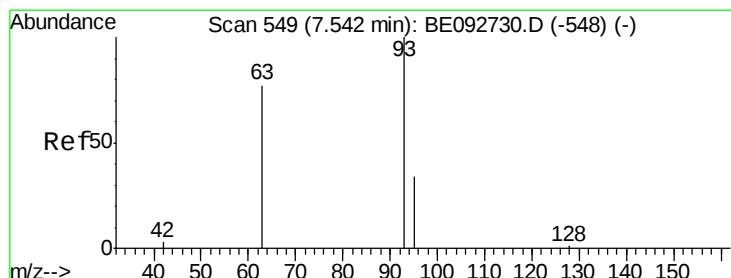
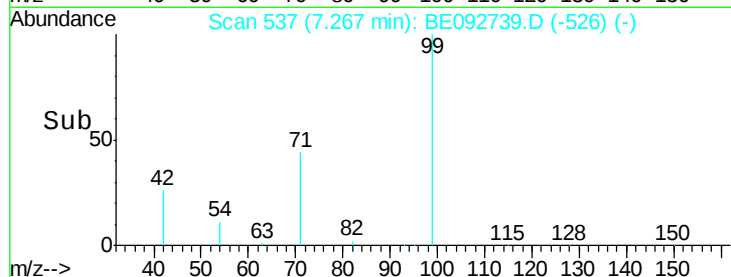
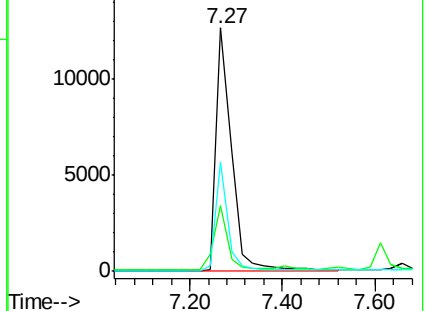
71 35.7 30.6 45.8



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: 4.89 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

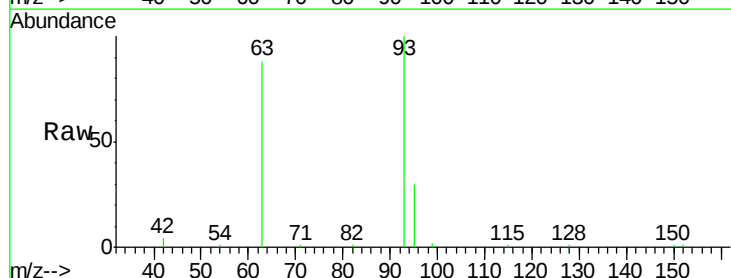
Tgt Ion: 93 Resp: 13115

Ion Ratio Lower Upper

93 100

63 78.2 71.6 107.4

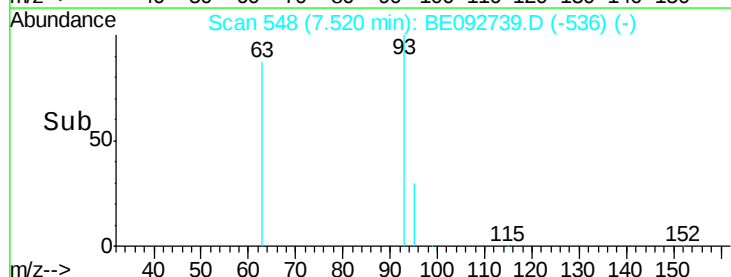
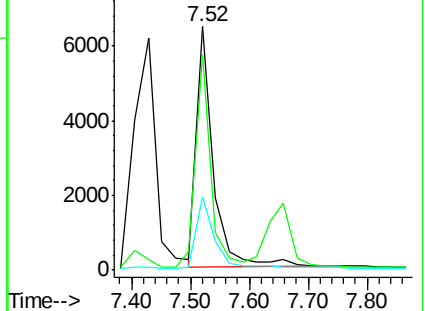
95 31.6 24.0 36.0

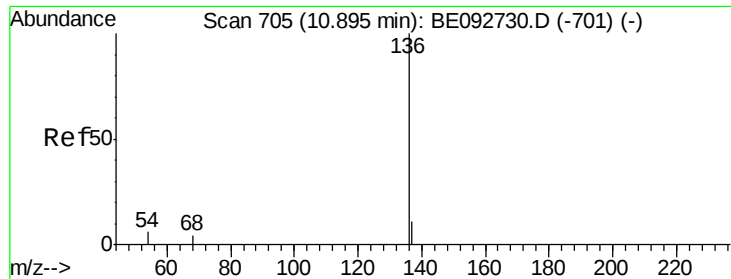


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 44558

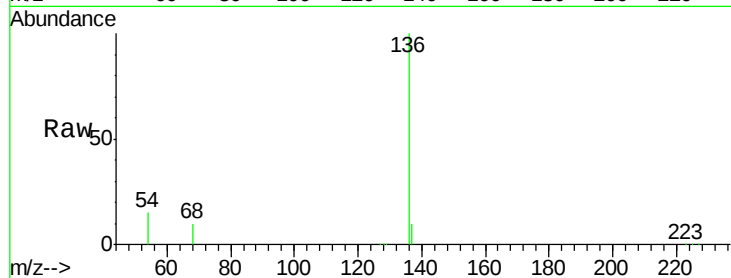
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 15.5 9.6 14.4#

68 10.2 6.7 10.1#

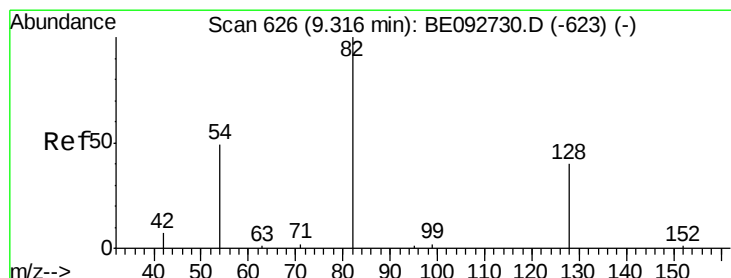
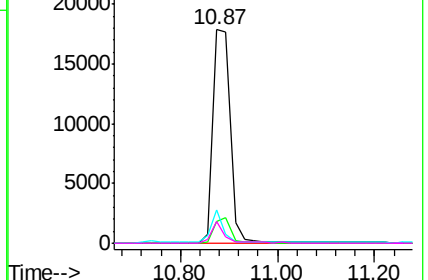
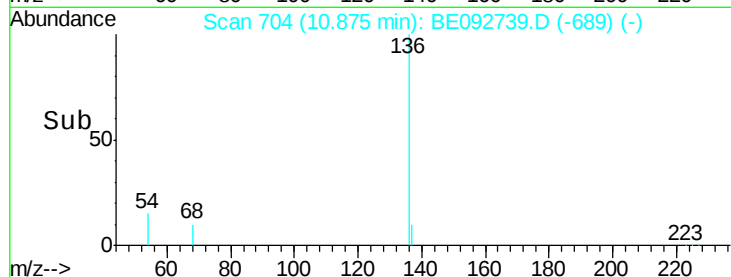


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.60 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

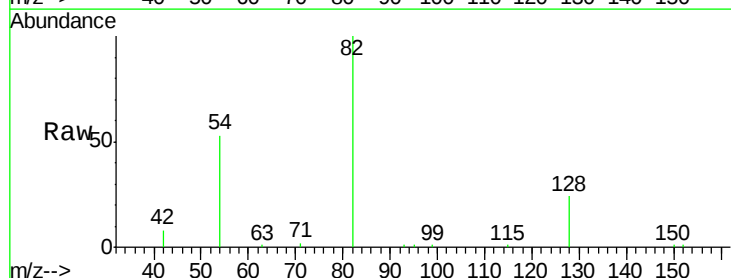
Tgt Ion: 82 Resp: 13830

Ion Ratio Lower Upper

82 100

128 24.5 39.0 58.4#

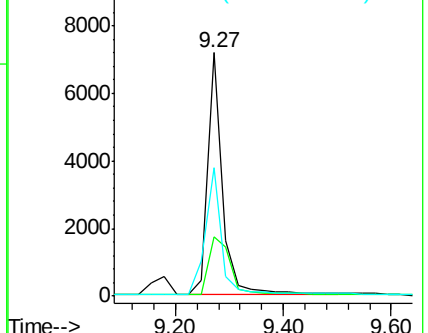
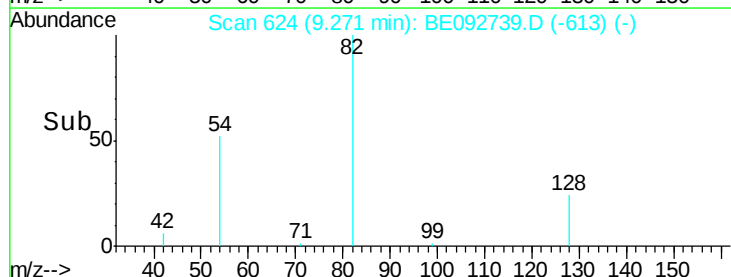
54 52.6 44.8 67.2

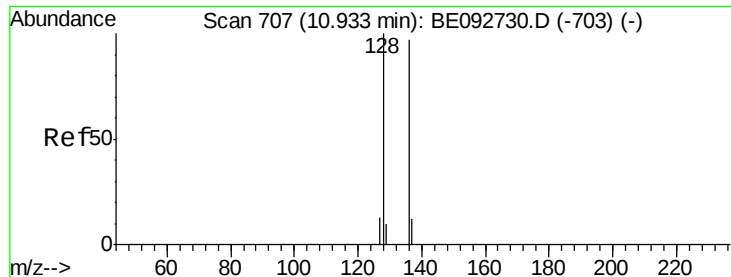


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.87 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampled :

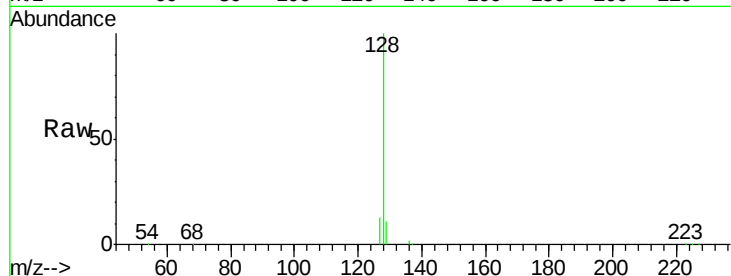
Tot Ion:128 Resp: 37303

Ion Ratio Lower Upper

128 100

129 11.5 11.2 16.8

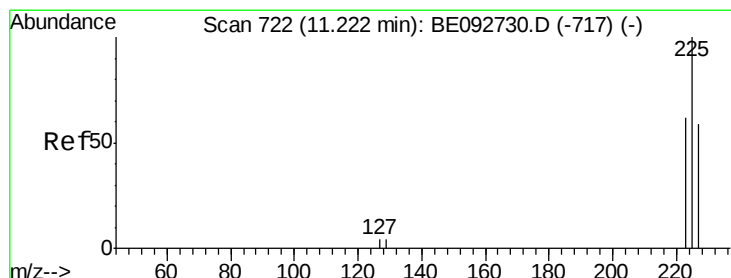
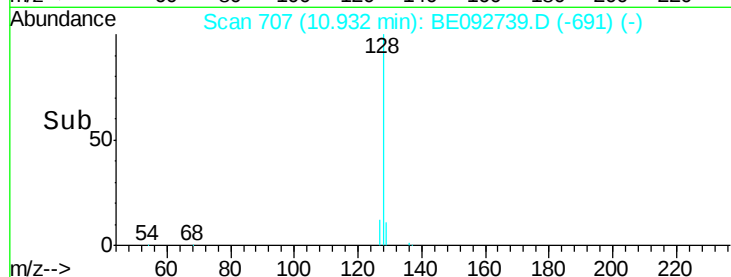
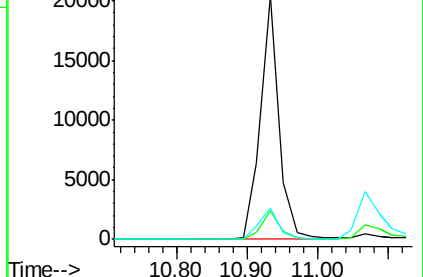
127 12.6 11.6 17.4



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: 4.00 ng

RT: 11.22 min Scan# 722

Delta R.T. -0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

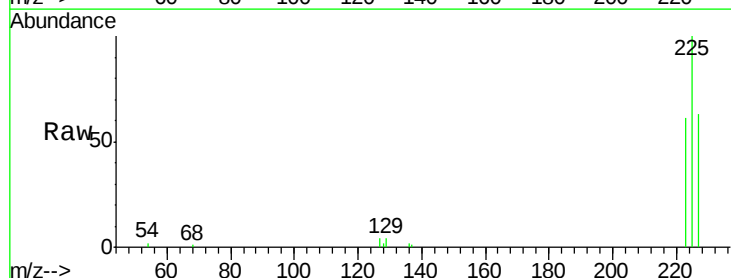
Tgt Ion:225 Resp: 5679

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

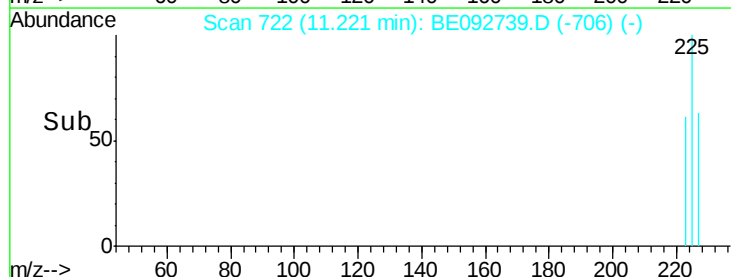
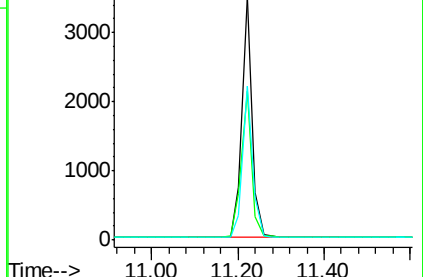
227 63.4 51.4 77.0

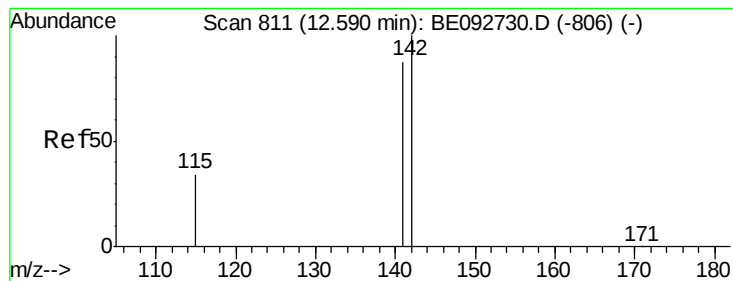


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.00 ng

RT: 12.57 min Scan# 809

Delta R.T. -0.02 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

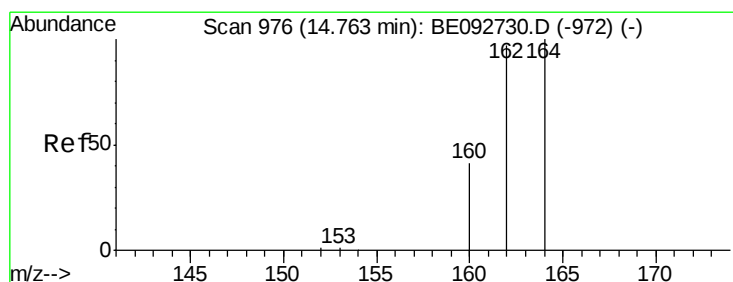
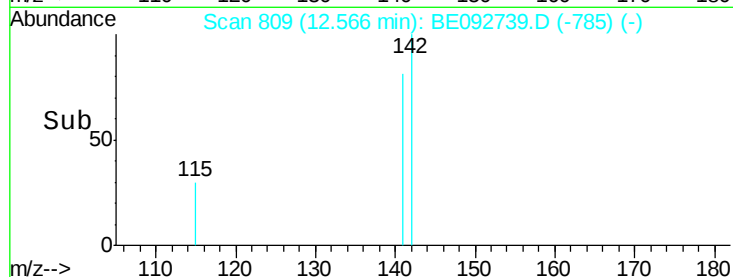
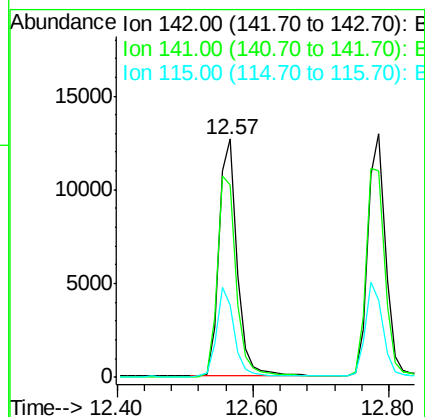
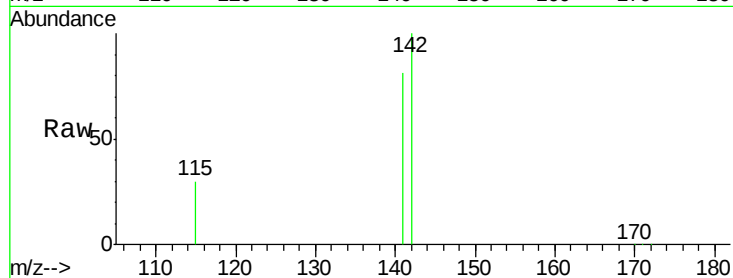
Tot Ion:142 Resp: 24224

Ion Ratio Lower Upper

142 100

141 80.9 73.7 110.5

115 30.2 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.76 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

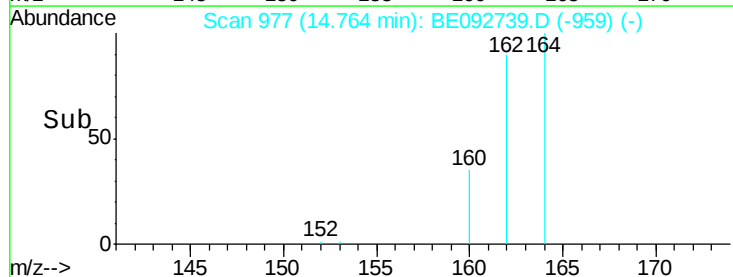
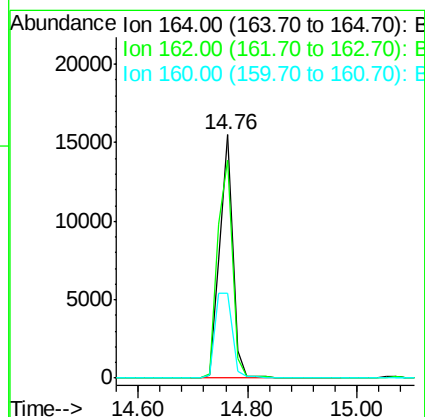
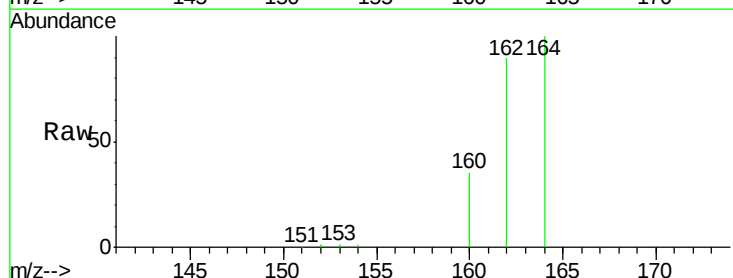
Tgt Ion:164 Resp: 25586

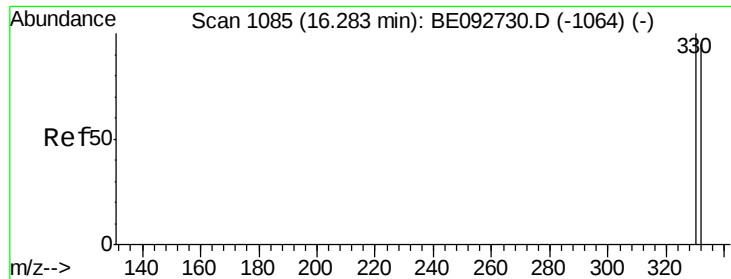
Ion Ratio Lower Upper

164 100

162 89.8 71.4 107.0

160 34.8 27.4 41.2

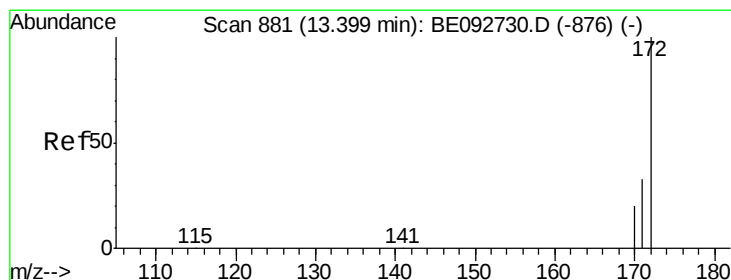
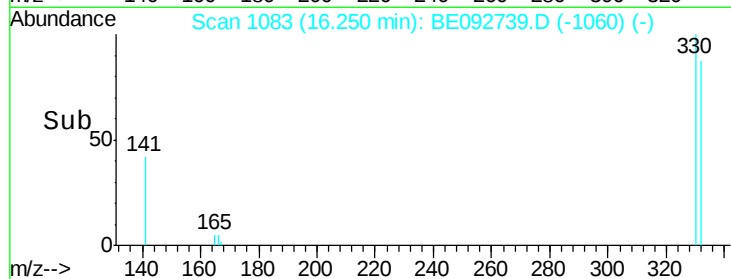
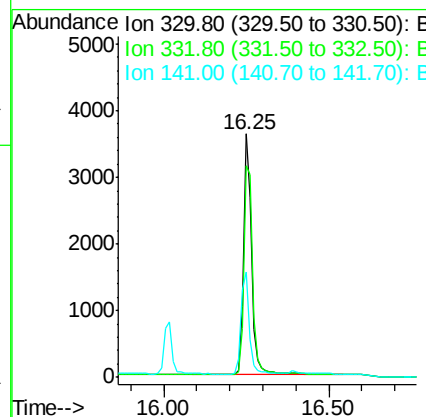
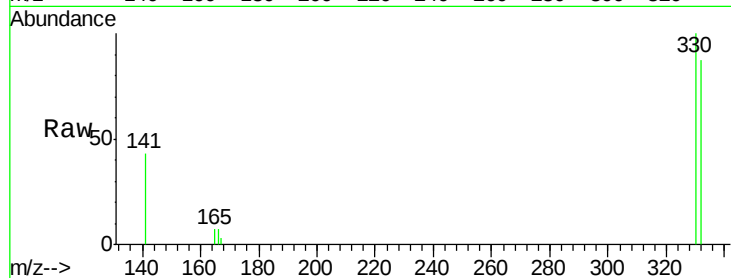




#13
 2,4,6-Tribromophenol
 Concen: 11.14 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

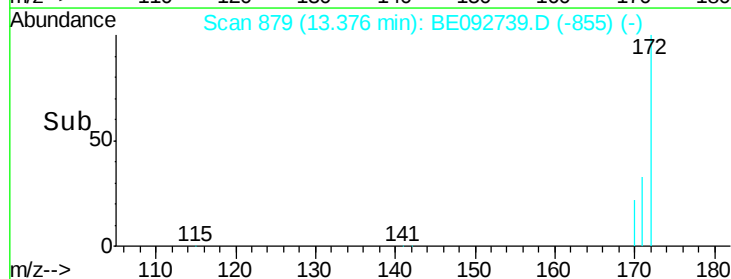
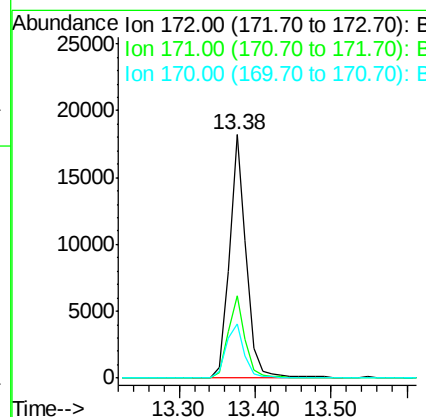
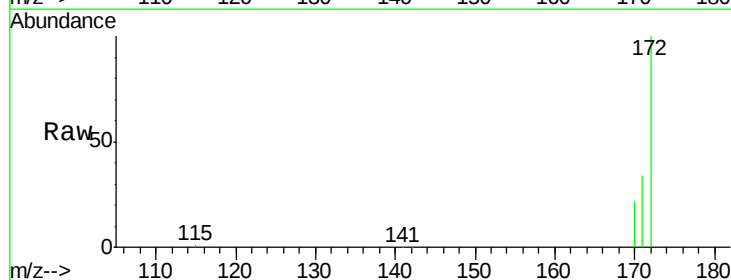
Instrument :
 BNA_E
 ClientSampleId :

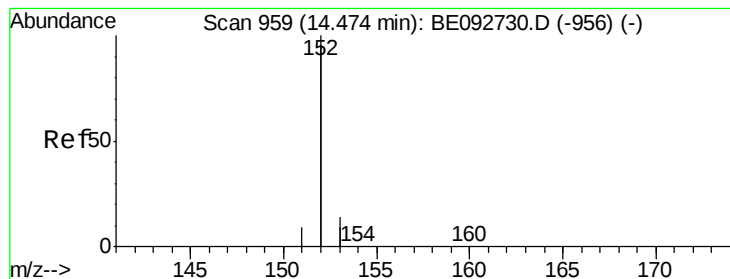
Tot Ion:330 Resp: 6051
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.50 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

Tgt Ion:172 Resp: 28047
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.1 45.1
 170 22.2 21.8 32.6





#15

Acenaphthylene

Concen: 3.90 ng

RT: 14.47 min Scan# 960

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

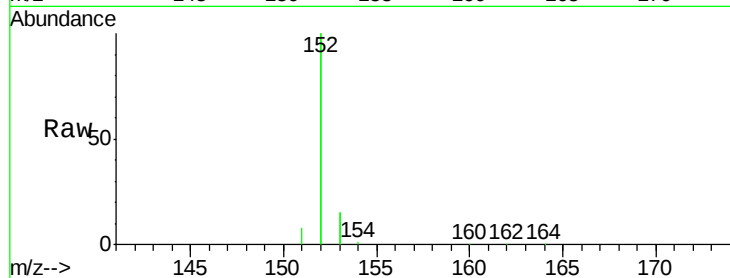
Tot Ion:152 Resp: 150667

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

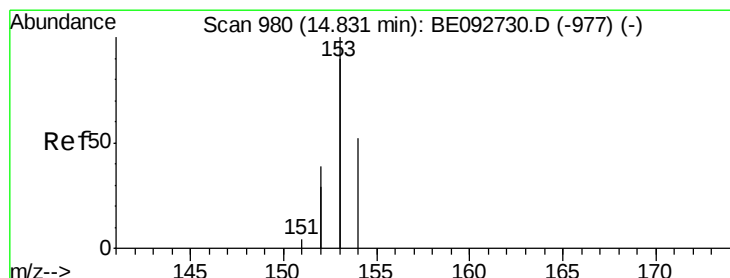
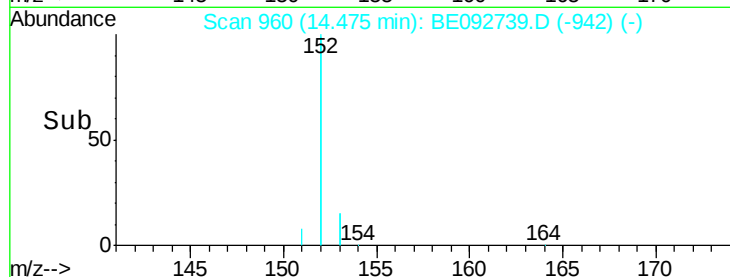
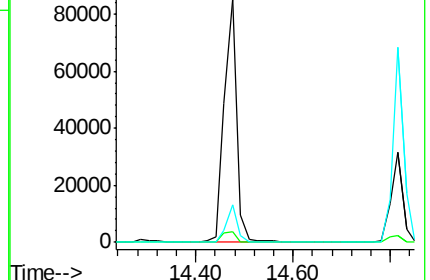
153 13.2 10.4 15.6



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



#16

Acenaphthene

Concen: 4.06 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

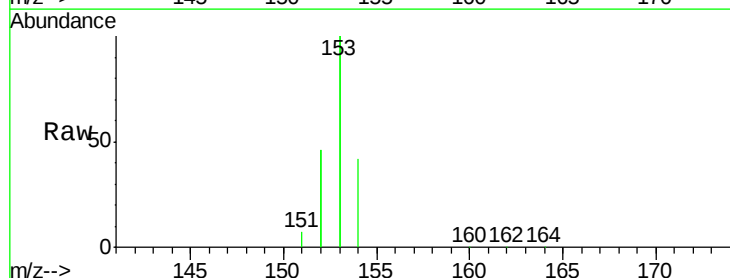
Tgt Ion:154 Resp: 22755

Ion Ratio Lower Upper

154 100

153 453.4 350.8 526.2

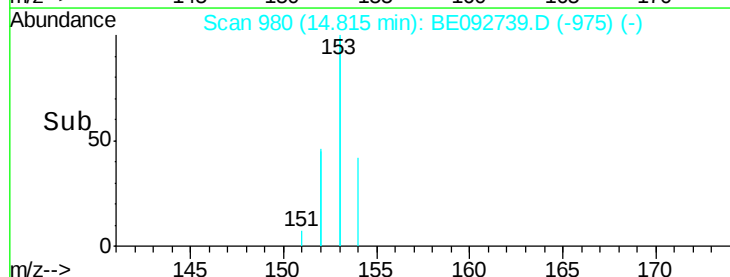
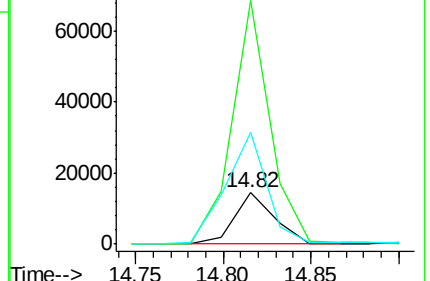
152 224.6 171.1 256.7

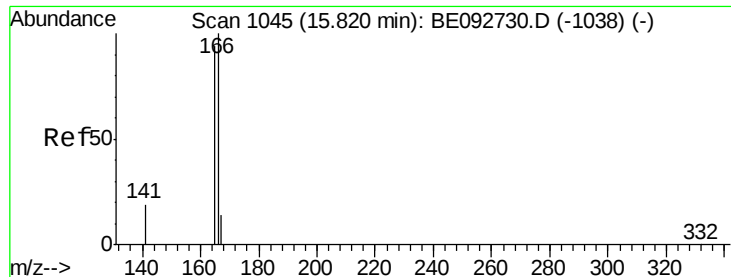


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

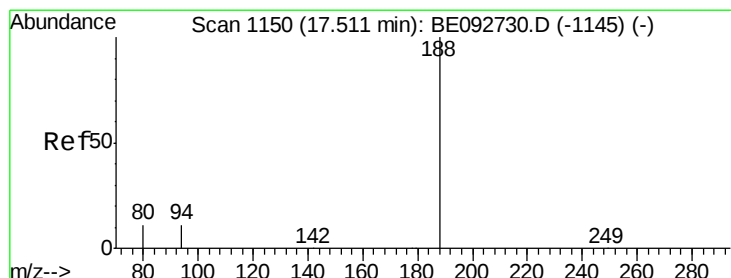
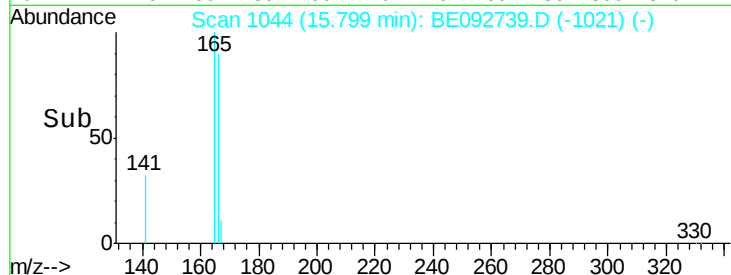
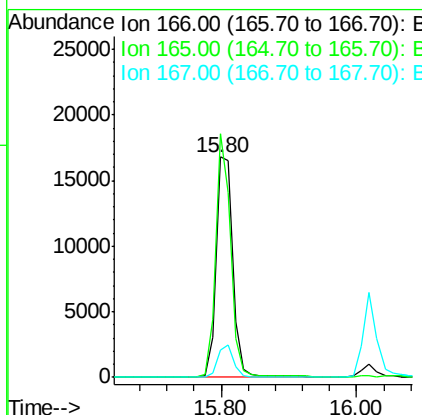
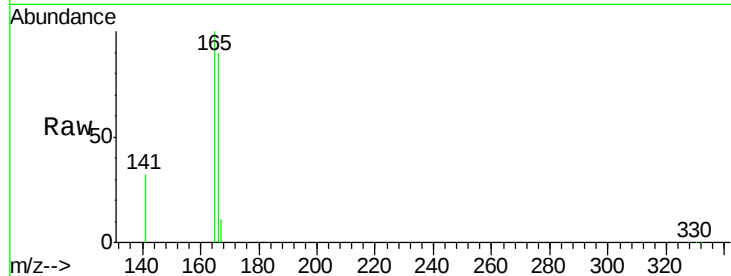




#17
 Fluorene
 Concen: 4.01 ng
 RT: 15.80 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

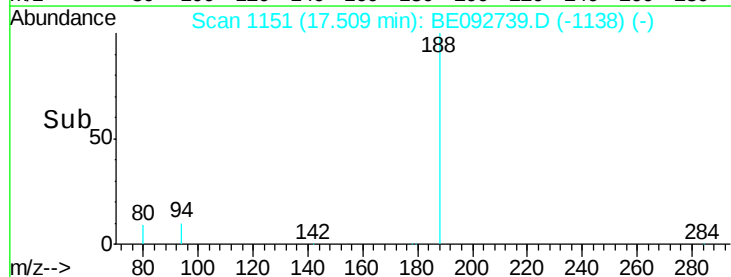
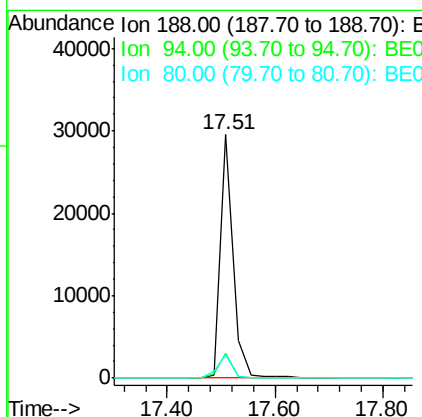
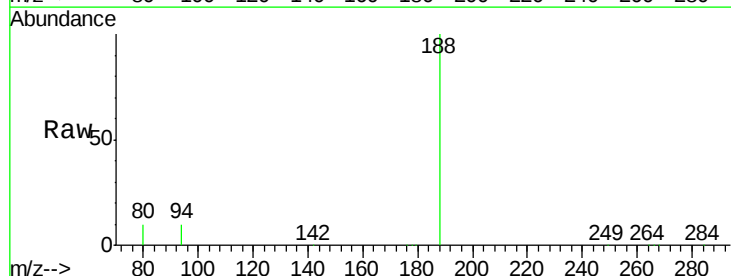
Instrument :
 BNA_E
 ClientSampleId :

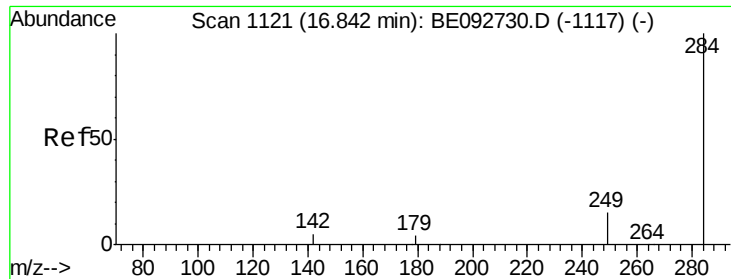
Tot Ion:166 Resp: 28875
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.4
 167 13.6 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.51 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

Tgt Ion:188 Resp: 48633
 Ion Ratio Lower Upper
 188 100
 94 10.1 3.2 4.8#
 80 9.7 2.6 3.8#

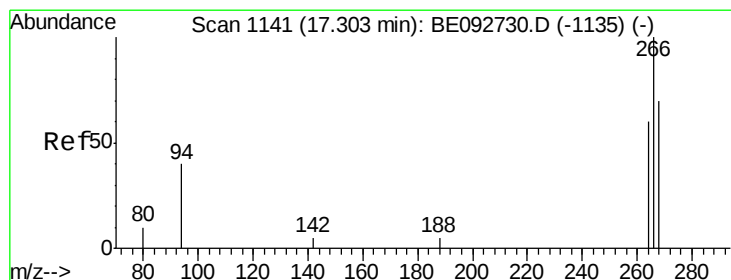
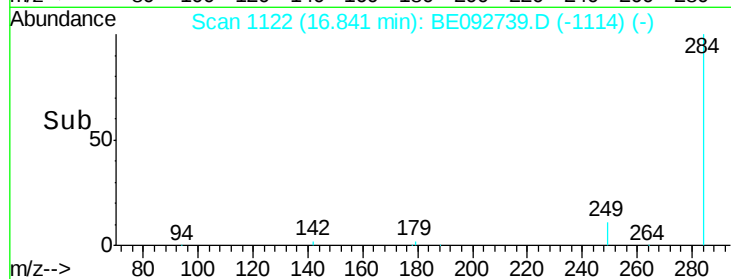
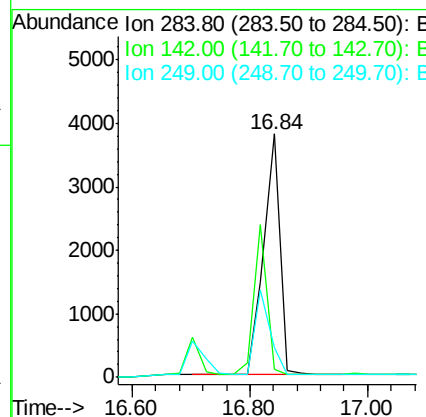
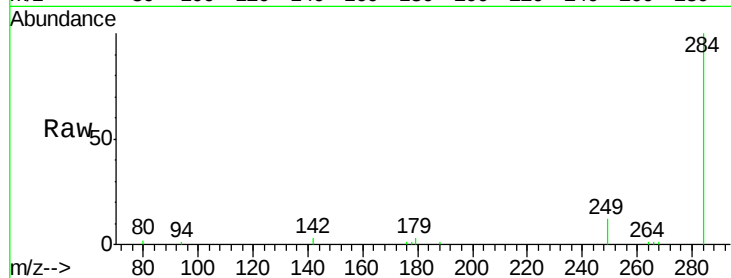




#19
Hexachlorobenzene
Concen: 3.92 ng
RT: 16.84 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

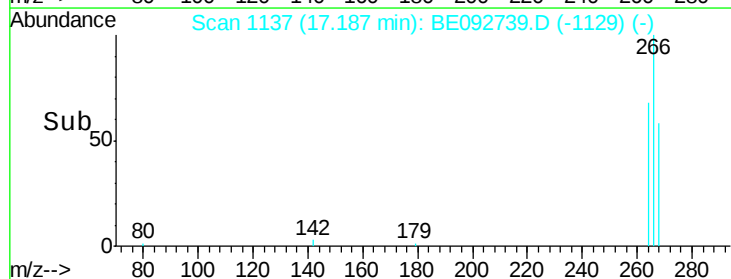
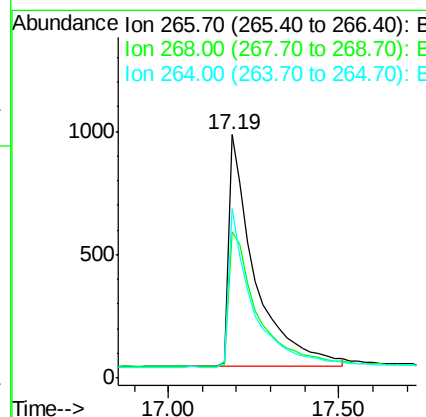
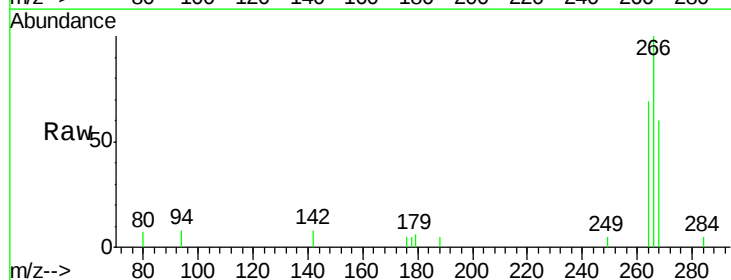
Instrument :
BNA_E
ClientSampleId :

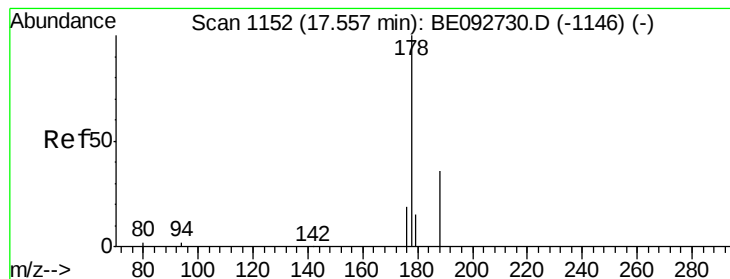
Tot Ion:284 Resp: 7367
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#



#20
Pentachlorophenol
Concen: 9.12 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Tgt Ion:266 Resp: 5055
Ion Ratio Lower Upper
266 100
268 59.9 62.5 93.7#
264 69.4 57.2 85.8





#21

Phenanthrene

Concen: 4.19 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

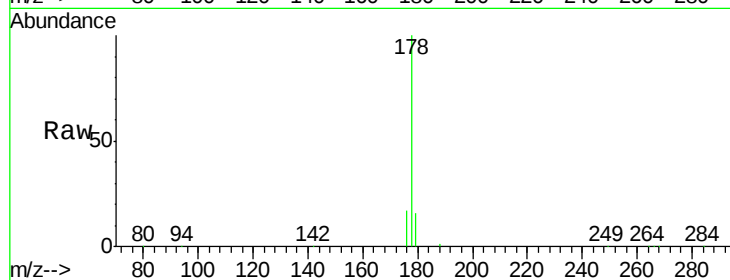
Tot Ion:178 Resp: 48426

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

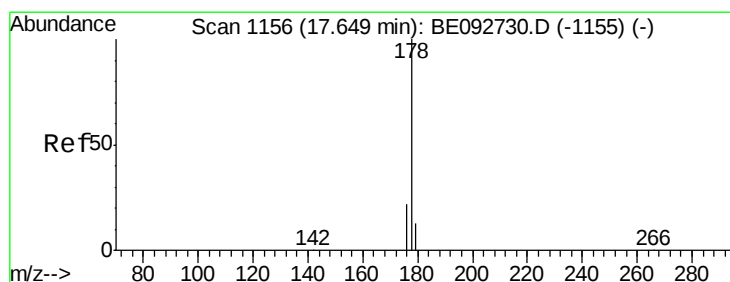
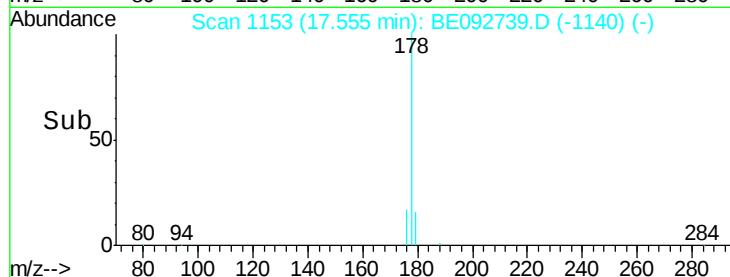
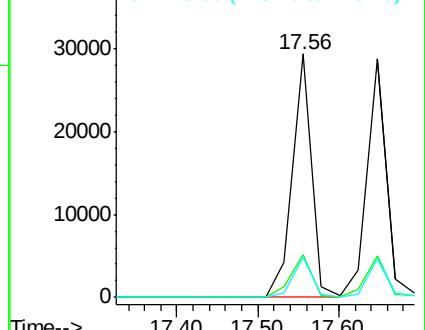
179 15.7 16.0 24.0#



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: 4.56 ng

RT: 17.65 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

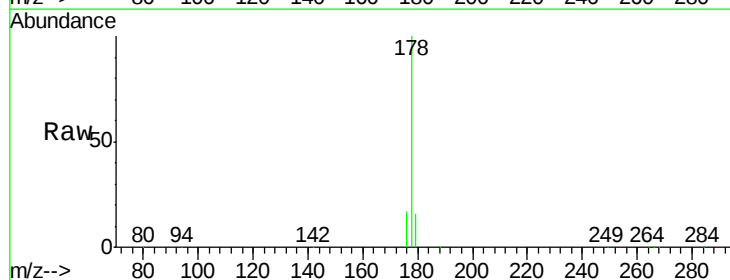
Tgt Ion:178 Resp: 48548

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

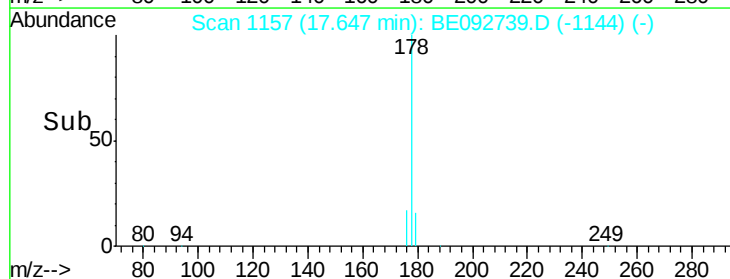
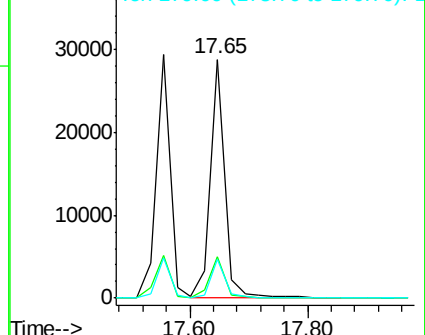
179 15.6 12.2 18.2

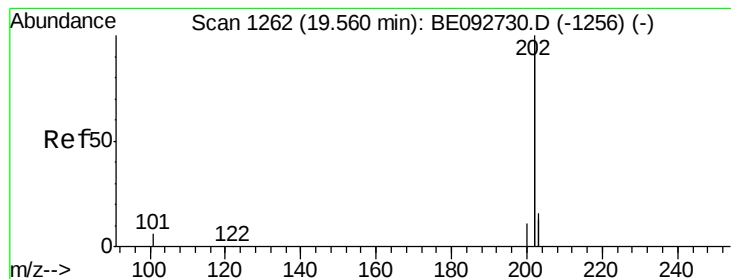


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.07 ng

RT: 19.56 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

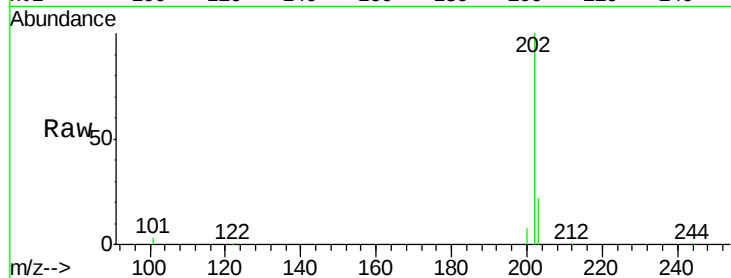
Tot Ion:202 Resp: 201913

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

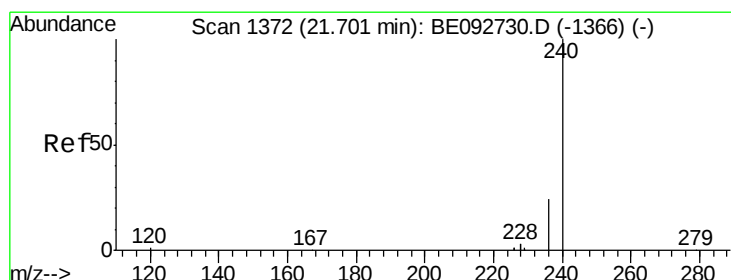
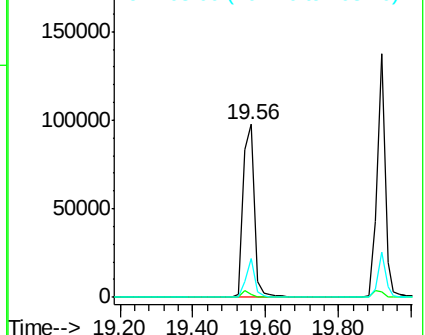
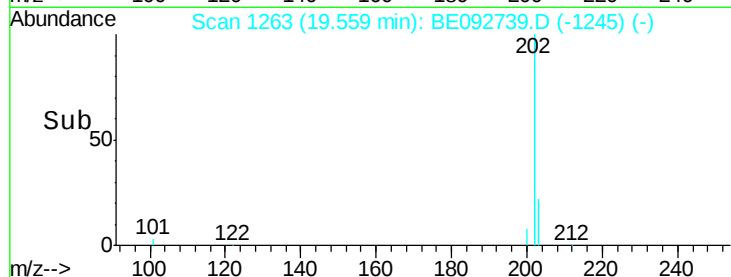
203 17.3 13.7 20.5



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. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

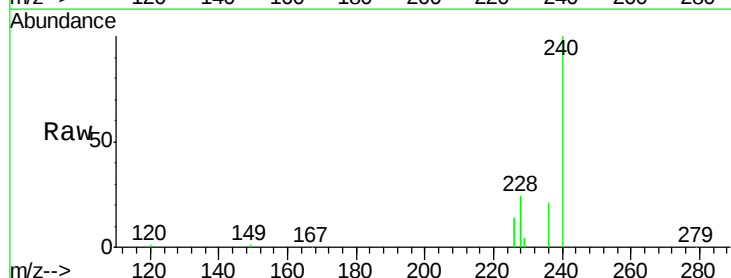
Tgt Ion:240 Resp: 48507

Ion Ratio Lower Upper

240 100

120 1.0 2.6 4.0#

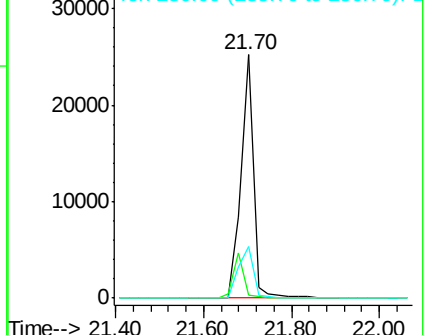
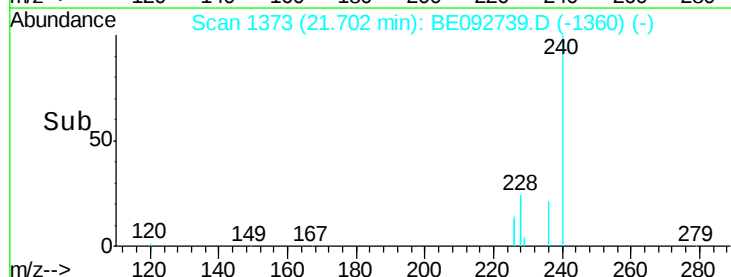
236 21.1 24.6 37.0#

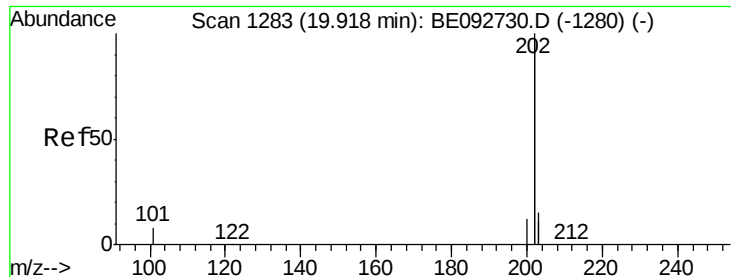


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

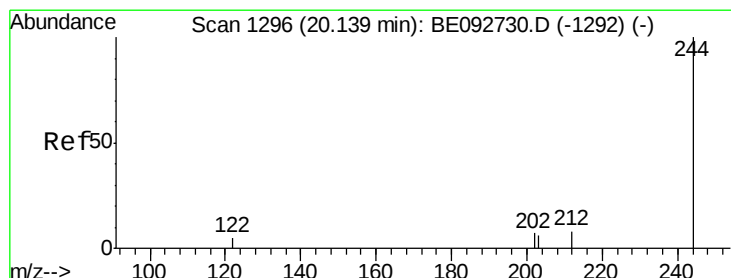
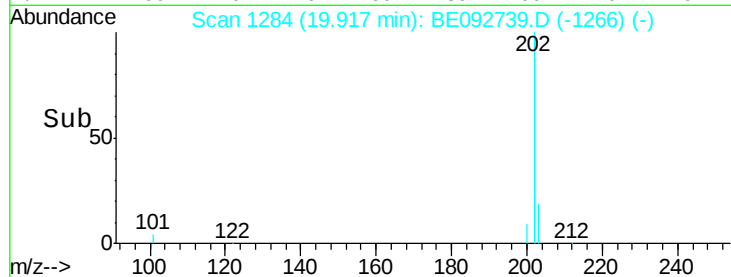
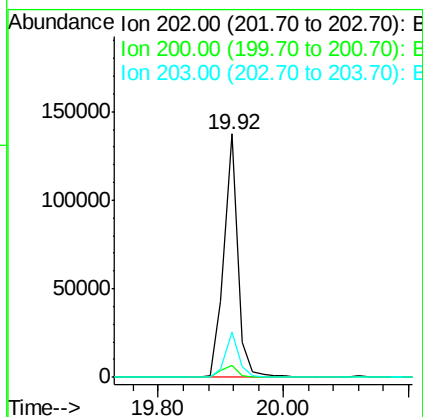
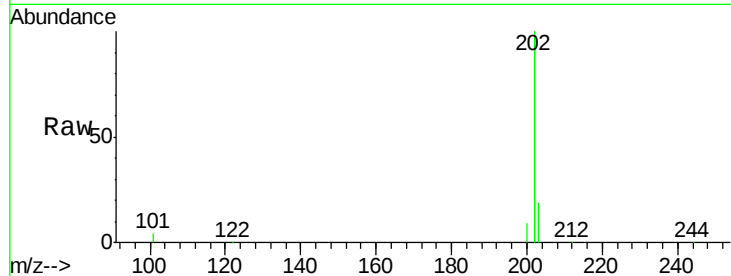




#25
 Pvrene
 Concen: 4.57 ng
 RT: 19.92 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

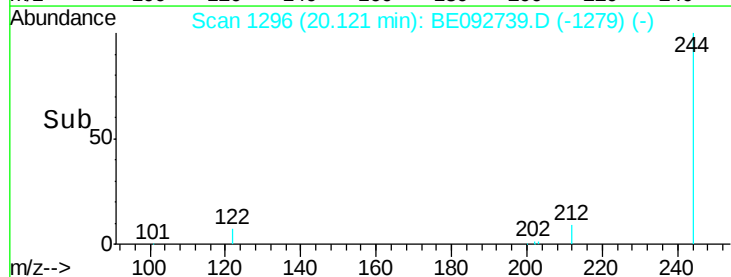
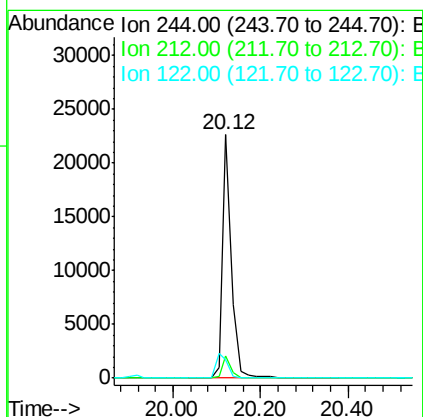
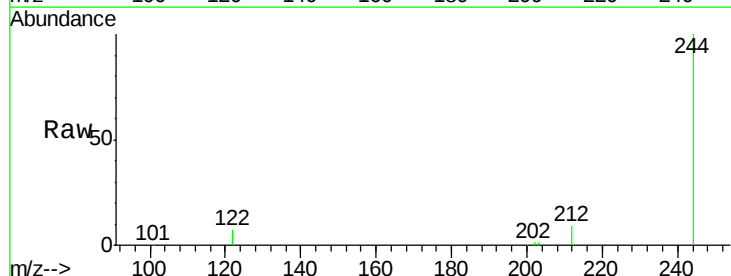
Instrument :
 BNA_E
 ClientSampleId :

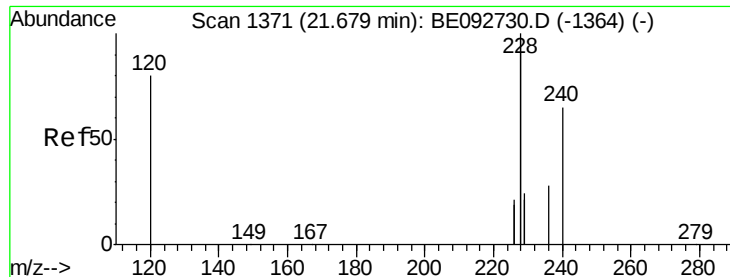
Tot Ion:202 Resp: 210945
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 18.0 13.9 20.9



#26
 Terphenyl-d14
 Concen: 5.22 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

Tgt Ion:244 Resp: 32337
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.7 10.1
 122 7.3 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 4.06 ng

RT: 21.68 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampled :

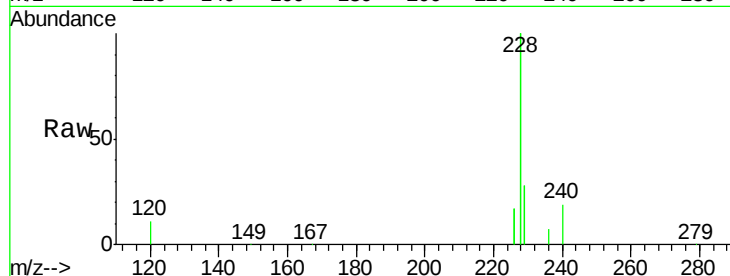
Tot Ion:228 Resp: 190937

Ion Ratio Lower Upper

228 100

226 16.6 23.6 35.4#

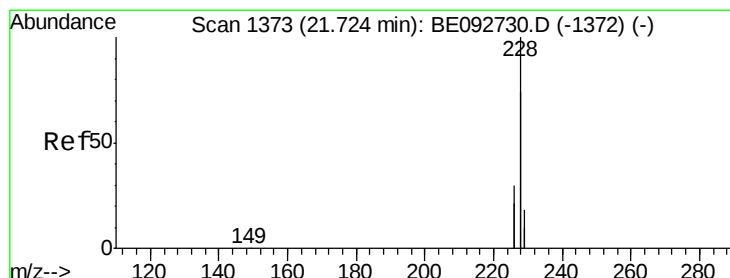
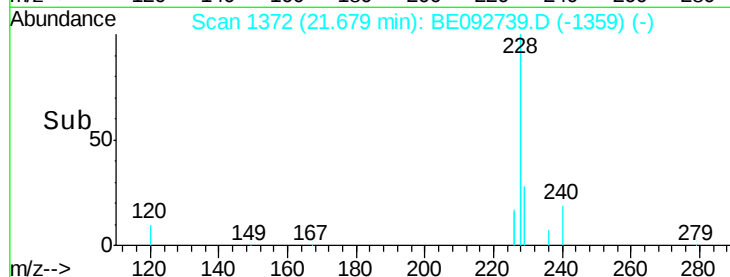
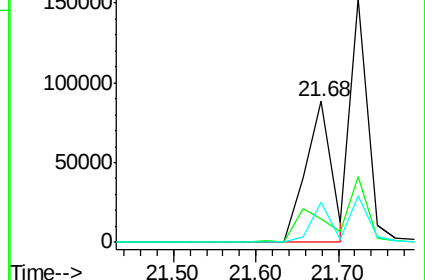
229 28.2 13.3 19.9#



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



#28

Chrysene

Concen: 3.42 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

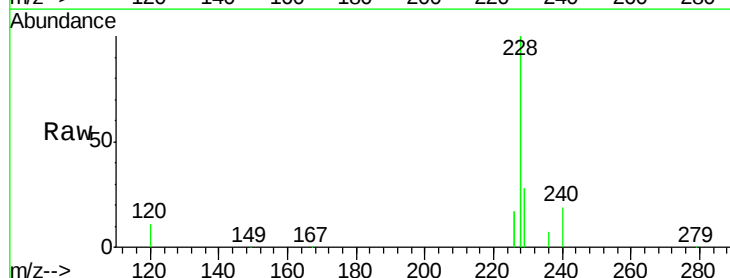
Tgt Ion:228 Resp: 190937

Ion Ratio Lower Upper

228 100

226 16.6 36.3 54.5#

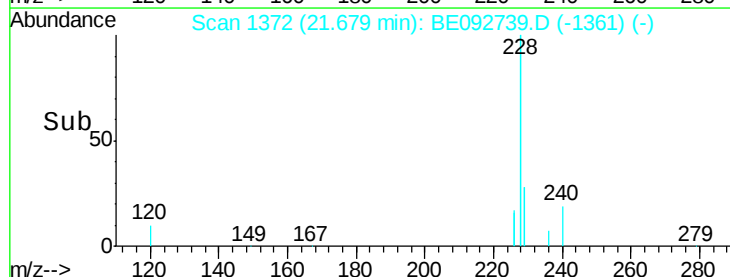
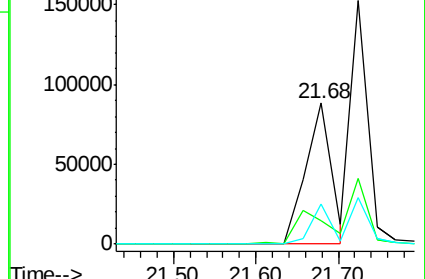
229 28.2 10.6 16.0#

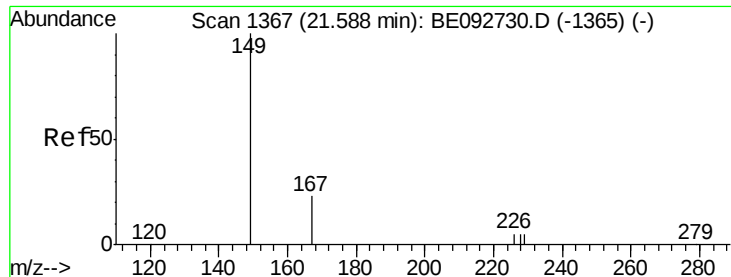


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 5.12 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

Instrument :

BNA_E

ClientSampleId :

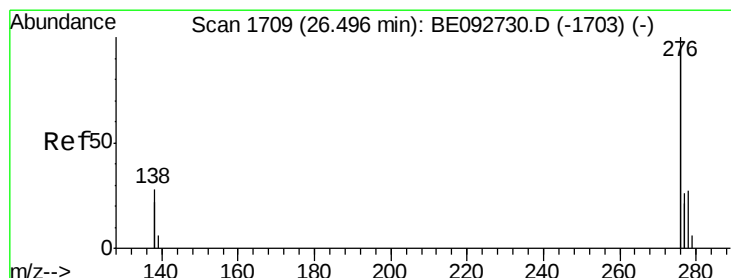
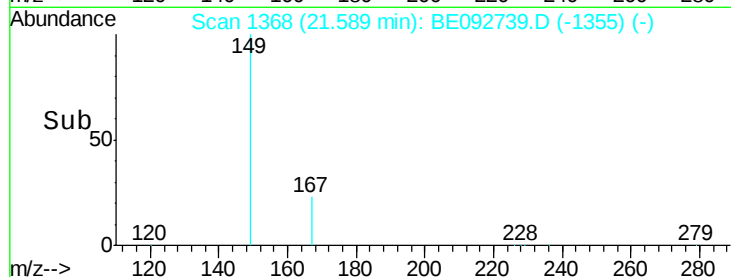
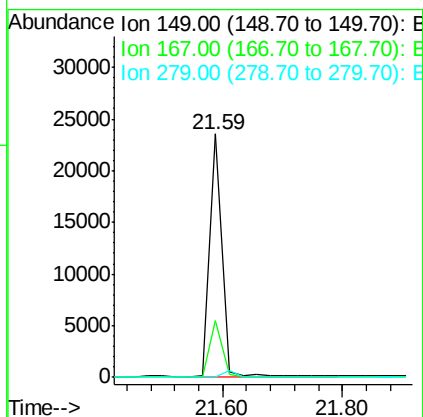
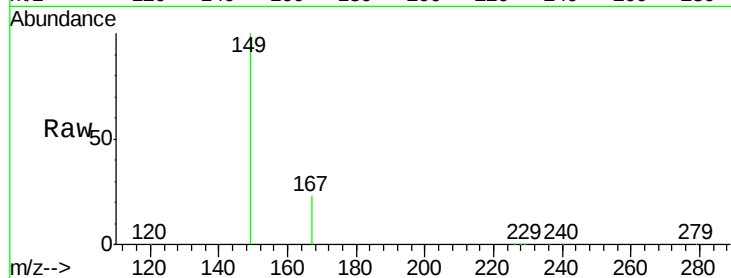
Tot Ion:149 Resp: 33294

Ion Ratio Lower Upper

149 100

167 23.3 16.0 24.0

279 0.0 16.0 24.0#



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.27 ng

RT: 26.48 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BE092739.D

Acq: 15 Feb 2017 18:45

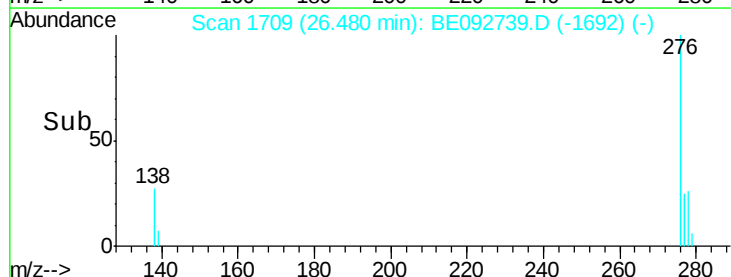
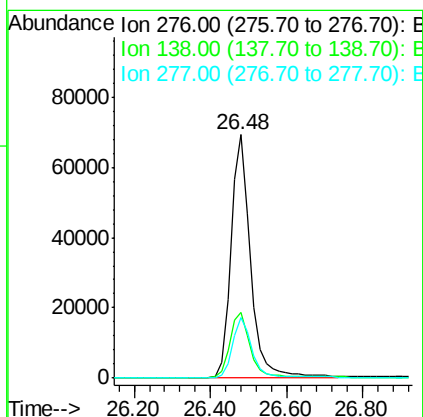
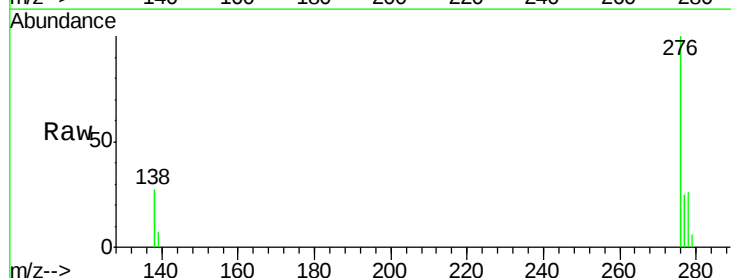
Tgt Ion:276 Resp: 246858

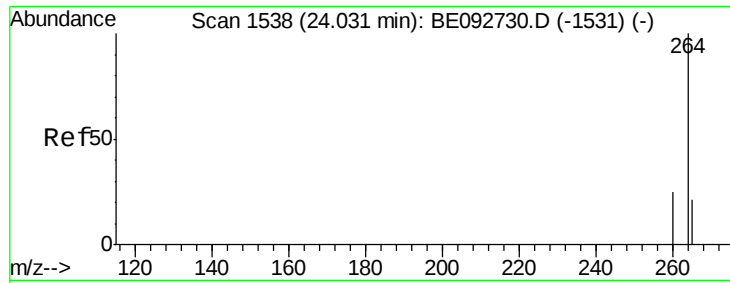
Ion Ratio Lower Upper

276 100

138 27.9 20.3 30.5

277 24.6 19.7 29.5

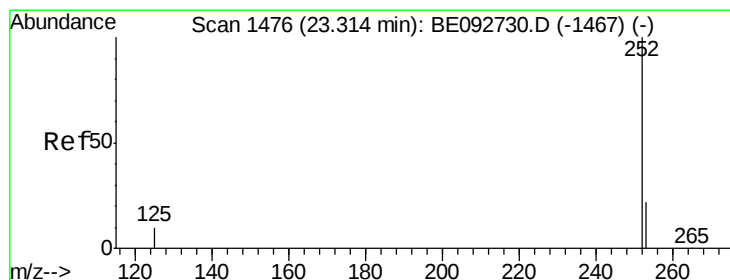
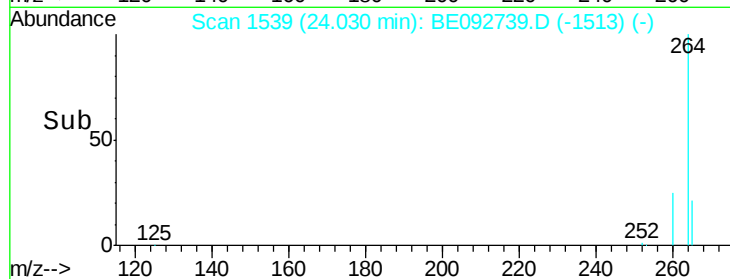
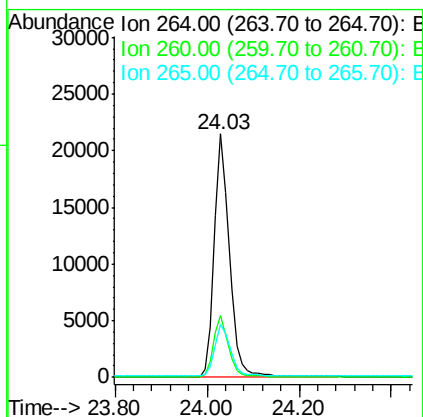
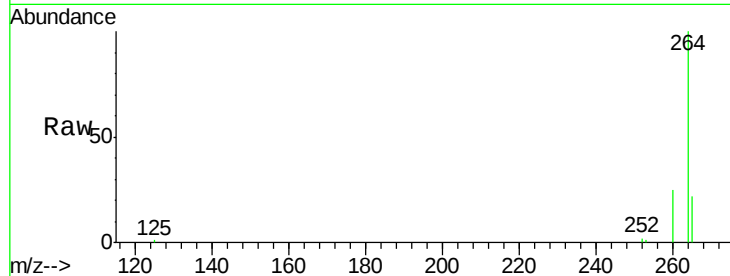




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.03 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

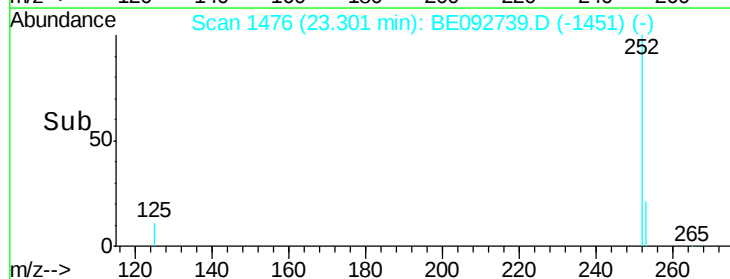
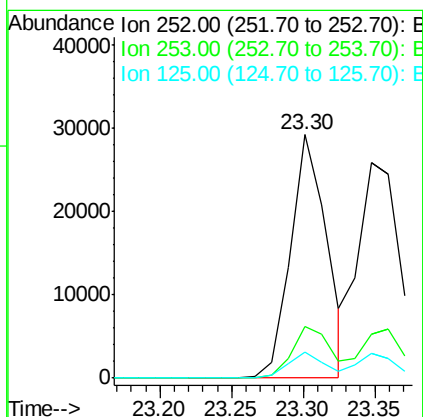
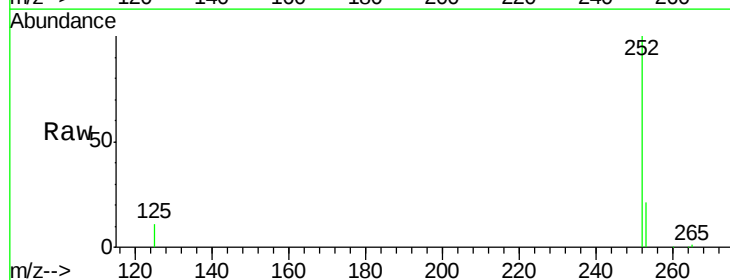
Instrument :
 BNA_E
 ClientSampleId :

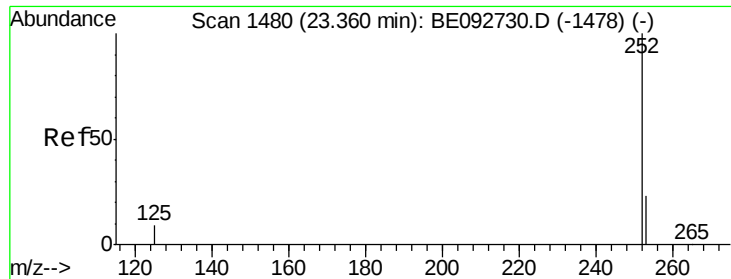
Tot Ion:264 Resp: 49316
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.5 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 3.93 ng
 RT: 23.30 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BE092739.D
 Acq: 15 Feb 2017 18:45

Tgt Ion:252 Resp: 50846
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.7 28.1
 125 10.9 10.5 15.7

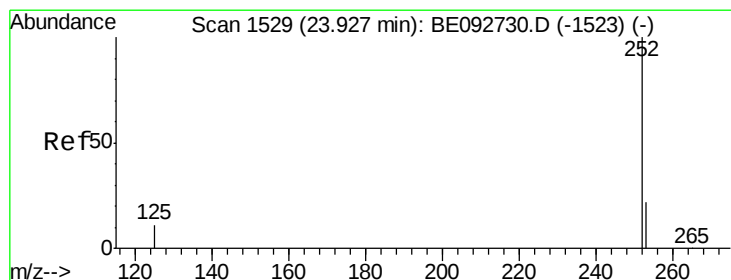
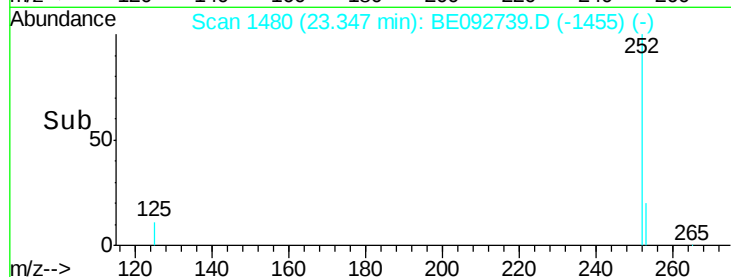
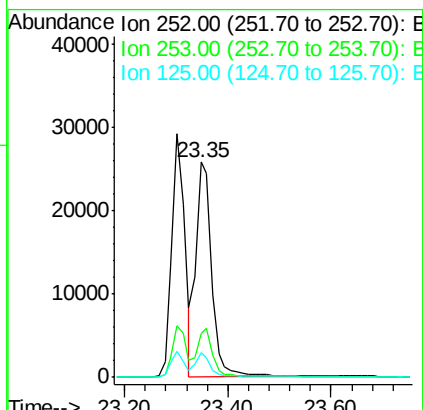
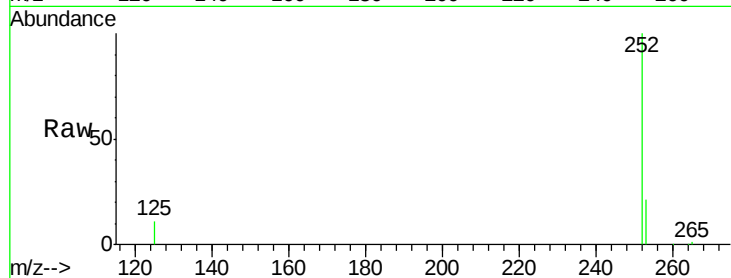




#33
Benzo(k)fluoranthene
Concen: 3.98 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

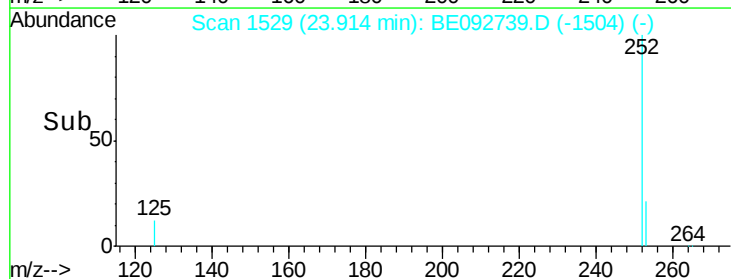
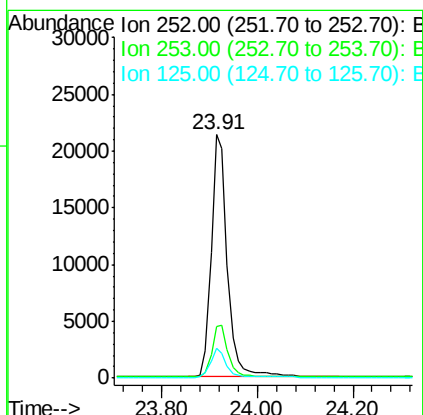
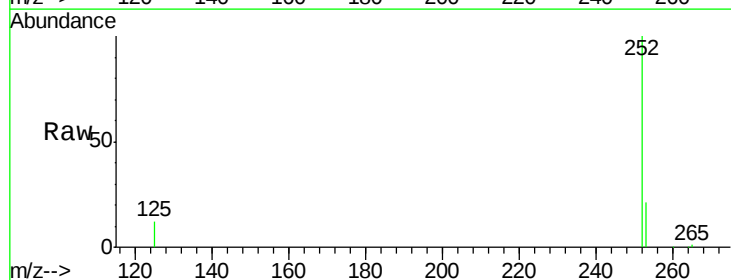
Instrument :
BNA_E
ClientSampleId :

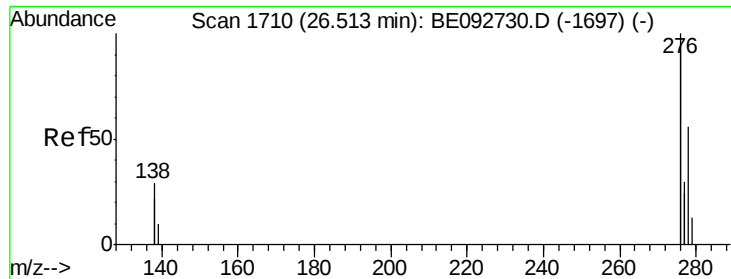
Tot Ion:252 Resp: 54888
Ion Ratio Lower Upper
252 100
253 20.7 20.3 30.5
125 11.4 9.6 14.4



#34
Benzo(a)pyrene
Concen: 4.02 ng
RT: 23.91 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Tgt Ion:252 Resp: 50972
Ion Ratio Lower Upper
252 100
253 21.1 19.0 28.6
125 12.2 11.8 17.8

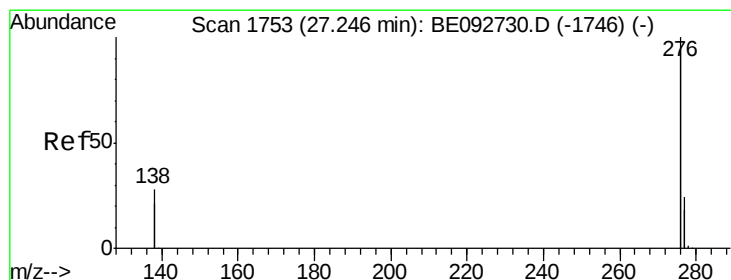
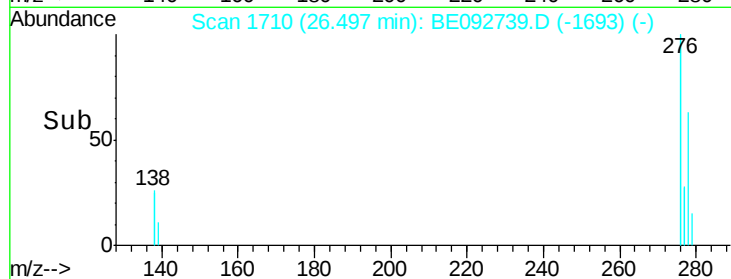
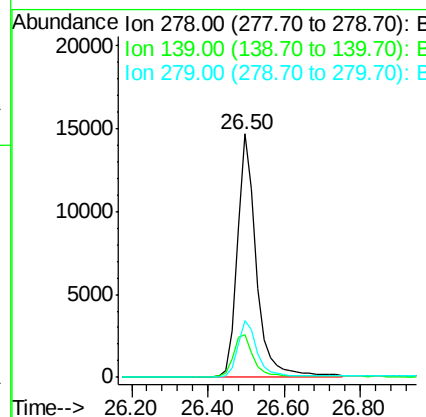
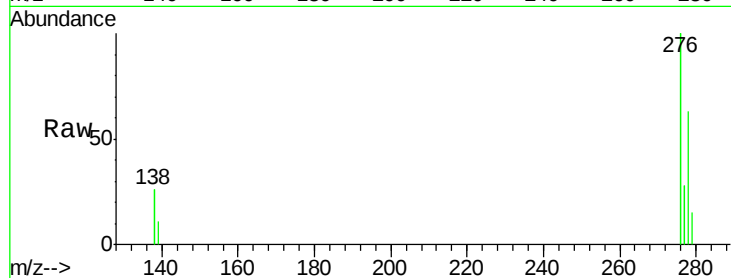




#35
Dibenzo(a,h)anthracene
Concen: 4.07 ng
RT: 26.50 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 50725
Ion Ratio Lower Upper
278 100
139 17.6 13.8 20.8
279 23.5 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 4.13 ng
RT: 27.23 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BE092739.D
Acq: 15 Feb 2017 18:45

Tgt Ion:276 Resp: 213277
Ion Ratio Lower Upper
276 100
277 22.8 19.8 29.8
138 24.6 19.8 29.6

