

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : BE092639.D
 Acq On : 11 Jan 2017 13:40
 Operator : UM/SJ
 Sample : PB95910BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 16:27:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9493	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	42050	5.00	ng	-0.02
12) Acenaphthene-d10	14.80	164	25350	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	46896	5.00	ng	-0.02
24) Chrysene-d12	21.72	240	56126	5.00	ng	0.00
31) Perylene-d12	24.07	264	55159	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	18615	10.09	ng	-0.03
5) Phenol-d6	7.31	99	26048	9.32	ng	-0.07
8) Nitrobenzene-d5	9.32	82	11965	4.14	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	5942	8.11	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	28284	4.67	ng	-0.02
26) Terphenyl-d14	20.16	244	31304	4.55	ng	-0.02

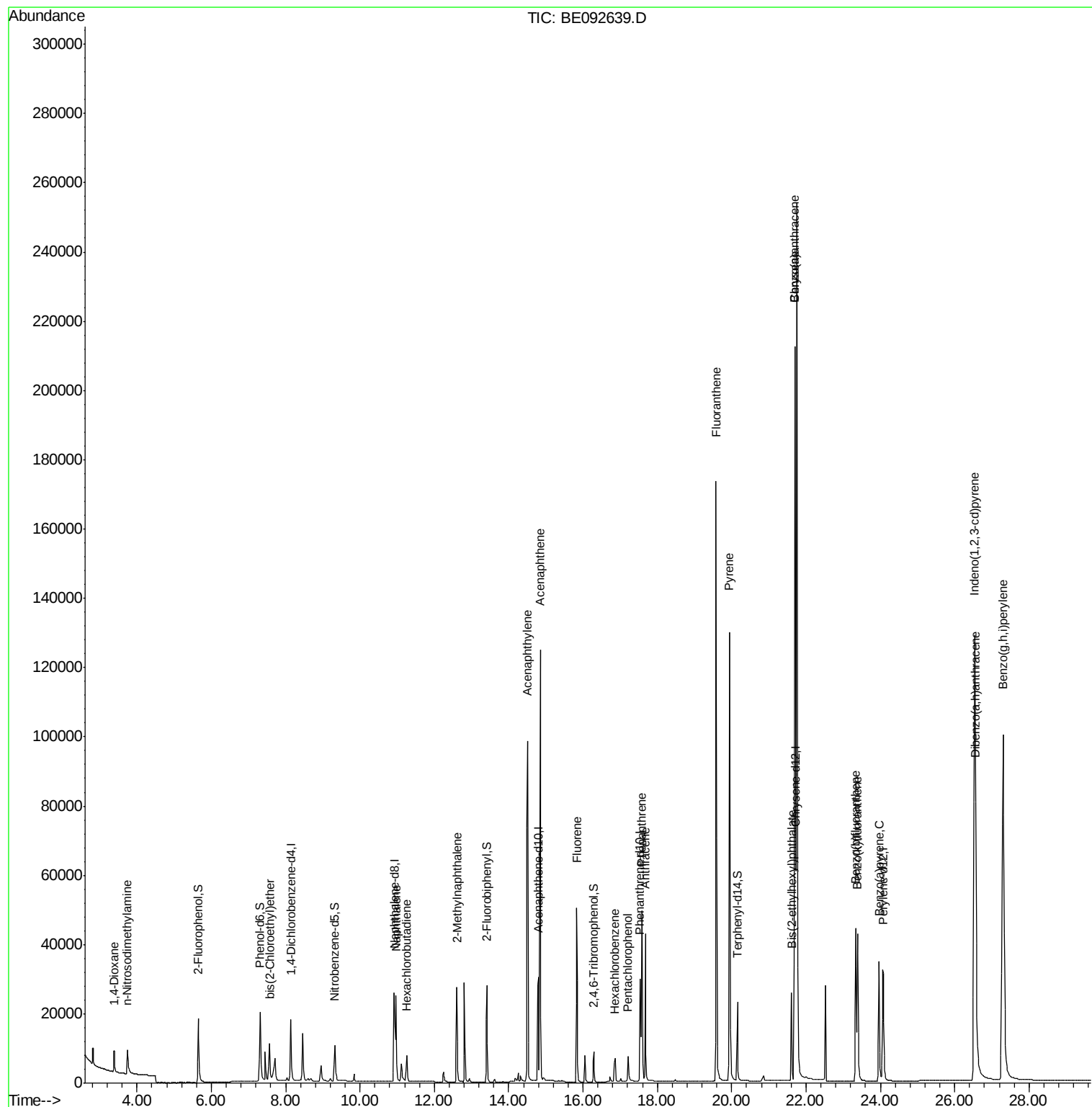
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4418	4.05	ng	# 60
3) n-Nitrosodimethylamine	3.74	42	7180	4.53	ng	94
6) bis(2-Chloroethyl)ether	7.57	93	11994	4.41	ng	90
9) Naphthalene	10.97	128	38189	4.42	ng	94
10) Hexachlorobutadiene	11.26	225	5645	4.31	ng	100
11) 2-Methylnaphthalene	12.60	142	25190	4.59	ng	# 86
15) Acenaphthylene	14.51	152	163534	4.68	ng	100
16) Acenaphthene	14.85	154	24676	4.28	ng	91
17) Fluorene	15.83	166	32215	4.55	ng	99
19) Hexachlorobenzene	16.87	284	10411	5.20	ng	# 39
20) Pentachlorophenol	17.21	266	6361	7.14	ng	86
21) Phenanthrene	17.58	178	57324	4.85	ng	# 95
22) Anthracene	17.67	178	55388	5.13	ng	100
23) Fluoranthene	19.58	202	224464	4.39	ng	99
25) Pyrene	19.93	202	230096	4.66	ng	99
27) Benzo(a)anthracene	21.70	228	231254	4.59	ng	# 81
28) Chrysene	21.70	228	231254	3.96	ng	# 63
29) Bis(2-ethylhexyl)phthalate	21.61	149	29627	3.96	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.53	276	304707	5.77	ng	97
32) Benzo(b)fluoranthene	23.34	252	59513	4.69	ng	95
33) Benzo(k)fluoranthene	23.38	252	67004	4.74	ng	93
34) Benzo(a)pyrene	23.96	252	61570	5.03	ng	# 95
35) Dibenzo(a,h)anthracene	26.56	278	63151	5.43	ng	95
36) Benzo(g,h,i)perylene	27.30	276	263854	5.30	ng	98

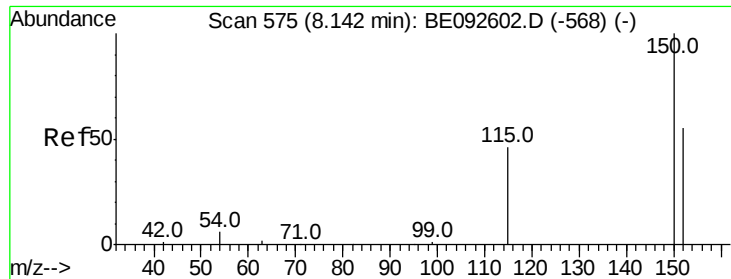
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampled :

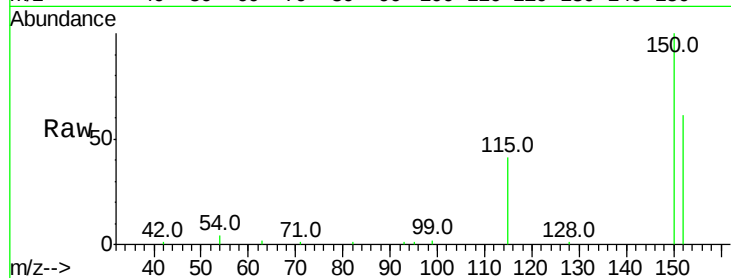
Tot Ion:152 Resp: 9493

Ion Ratio Lower Upper

152 100

150 165.1 106.0 159.0#

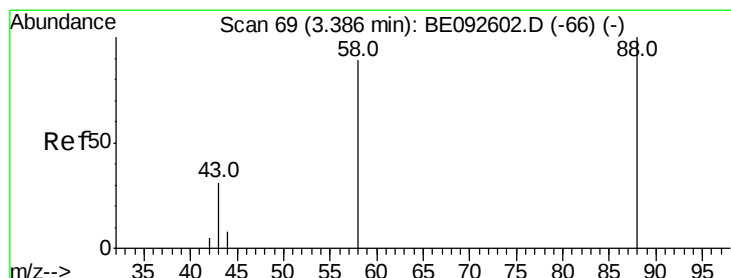
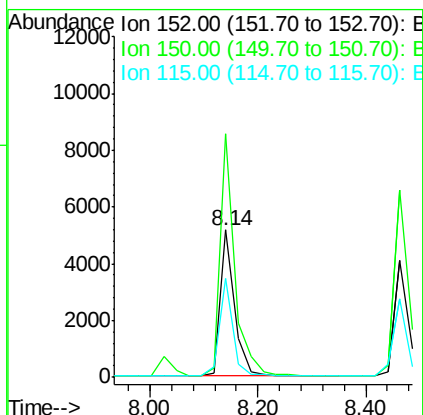
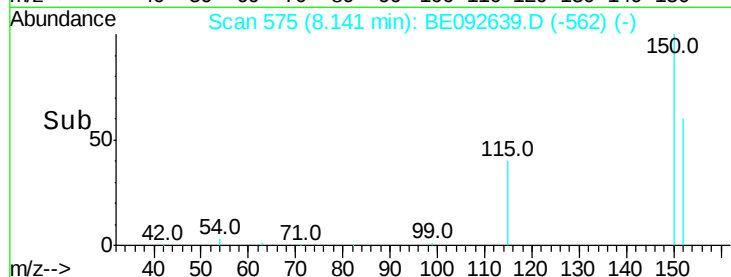
115 67.0 31.2 46.8#



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: 4.05 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

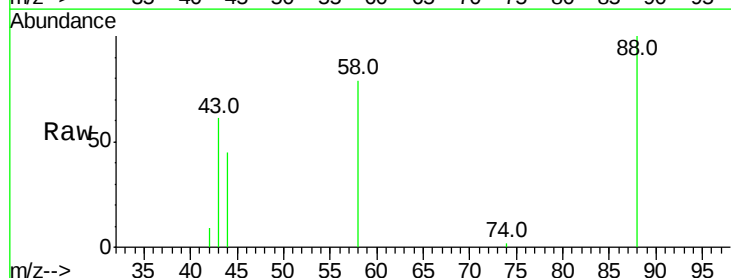
Tgt Ion: 88 Resp: 4418

Ion Ratio Lower Upper

88 100

58 96.8 63.6 95.4#

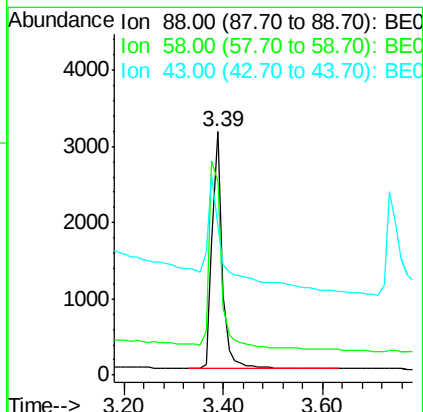
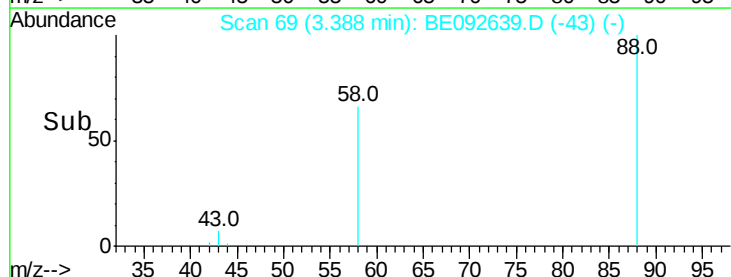
43 84.6 28.0 42.0#

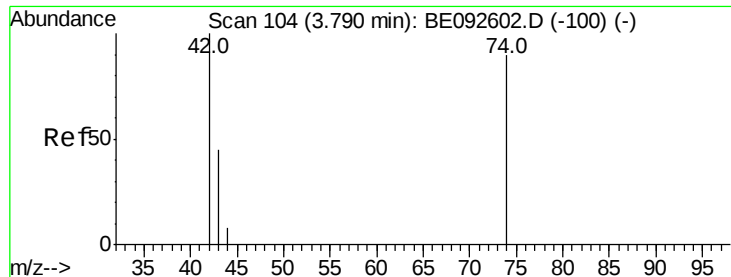


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.53 ng

RT: 3.74 min Scan# 99

Delta R.T. -0.05 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

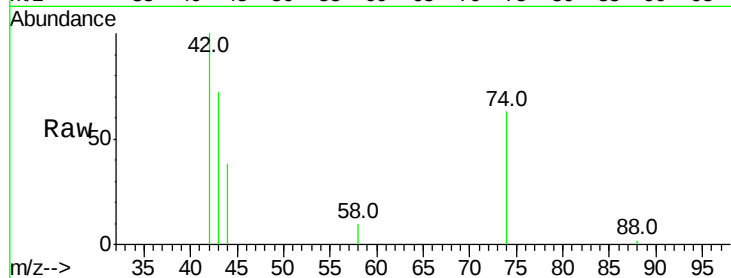
Tot Ion: 42 Resp: 7180

Ion Ratio Lower Upper

42 100

74 101.3 86.0 129.0

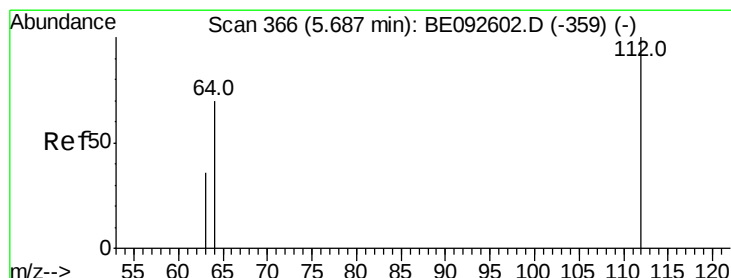
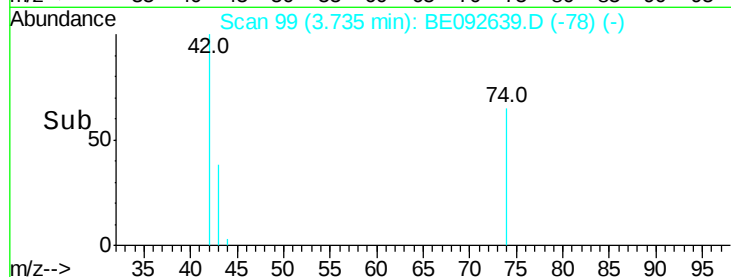
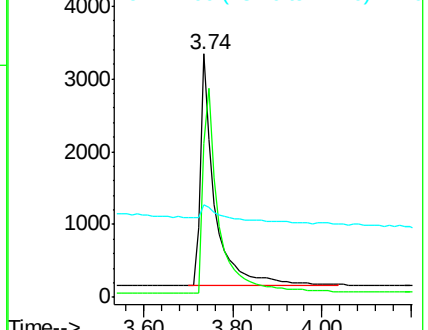
44 6.9 5.1 7.7



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: 10.09 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

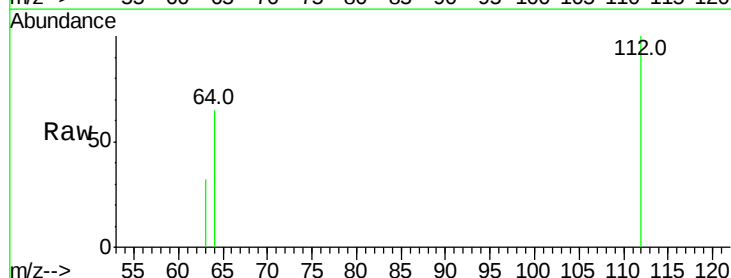
Tgt Ion: 112 Resp: 18615

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

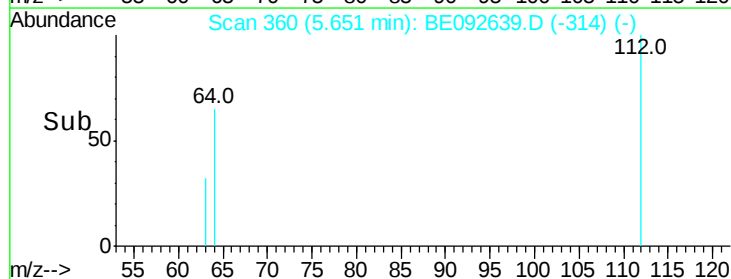
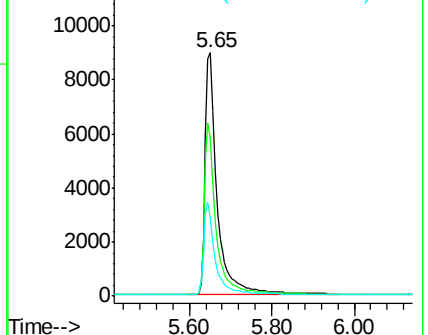
63 37.1 27.9 41.9

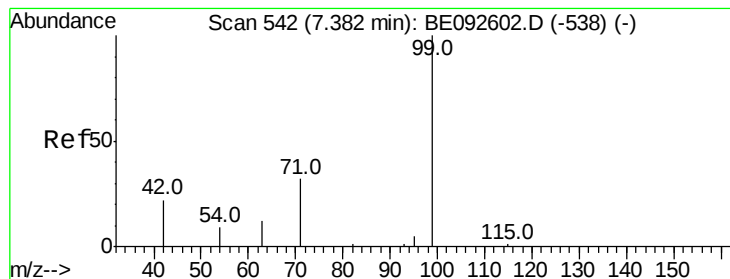


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.32 ng

RT: 7.31 min Scan# 539

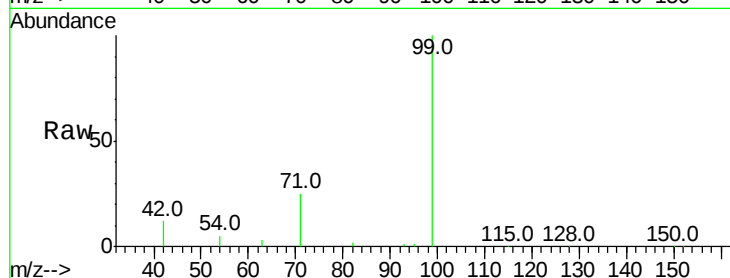
Delta R.T. -0.07 min

Lab File: BE092639.D

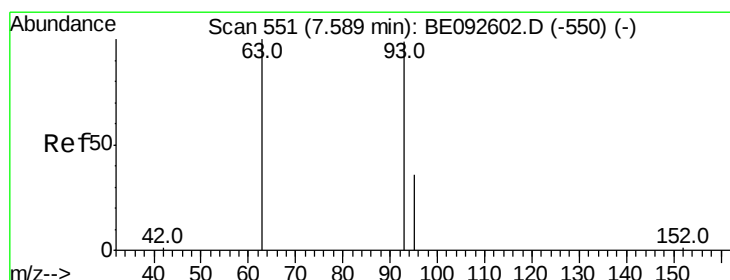
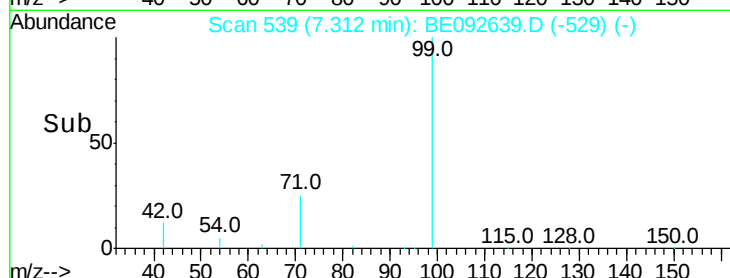
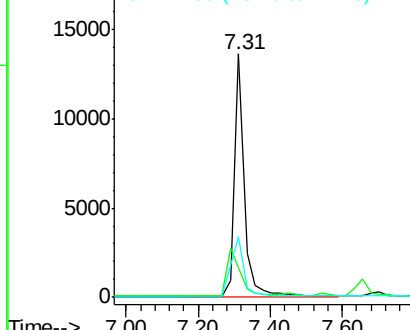
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 99 Resp: 26048
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 32.8 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: 4.41 ng

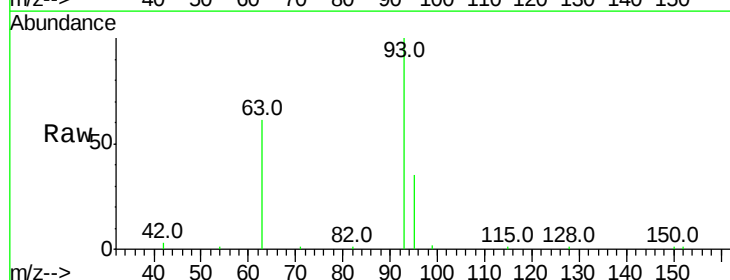
RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

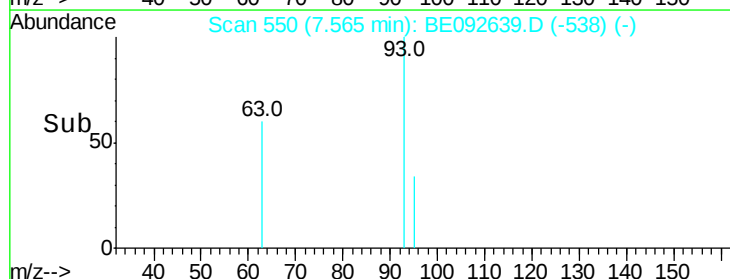
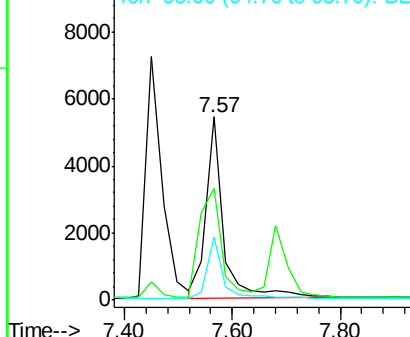
Lab File: BE092639.D

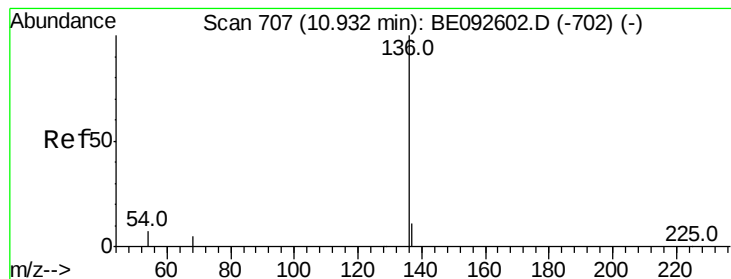
Acq: 11 Jan 2017 13:40

Tgt Ion: 93 Resp: 11994
Ion Ratio Lower Upper
93 100
63 78.0 71.6 107.4
95 31.7 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: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 42050

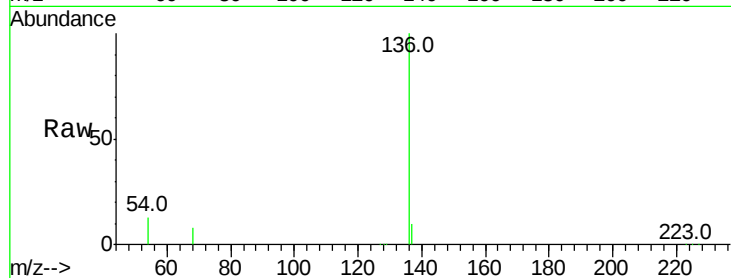
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 12.7 9.6 14.4

68 8.3 6.7 10.1

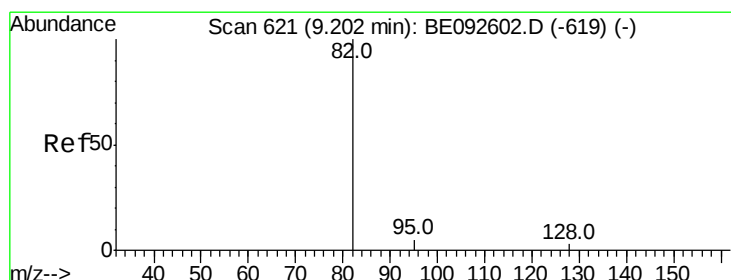
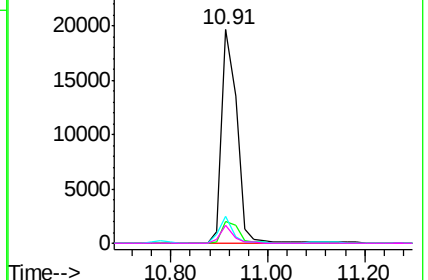
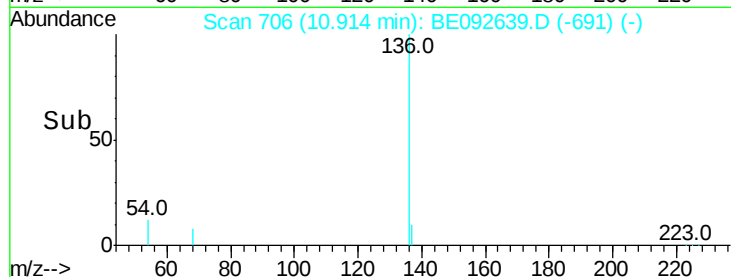


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.14 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

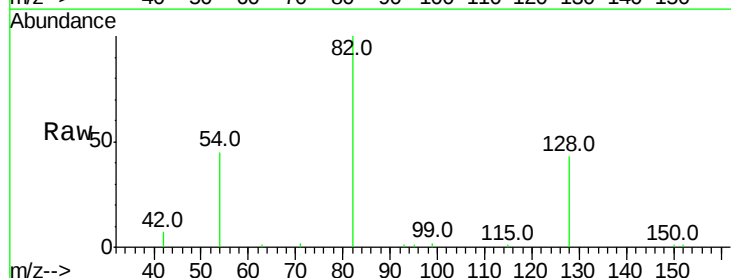
Tgt Ion: 82 Resp: 11965

Ion Ratio Lower Upper

82 100

128 43.5 39.0 58.4

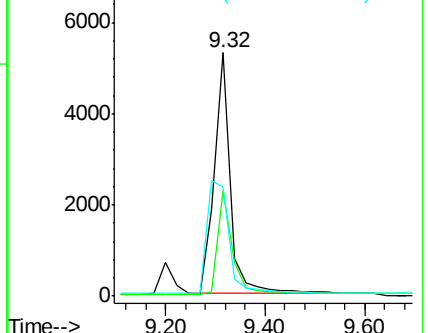
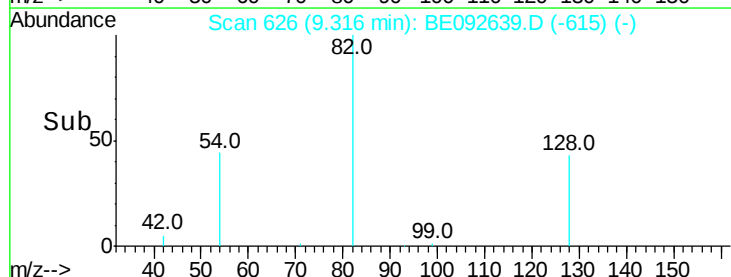
54 44.6 44.8 67.2#

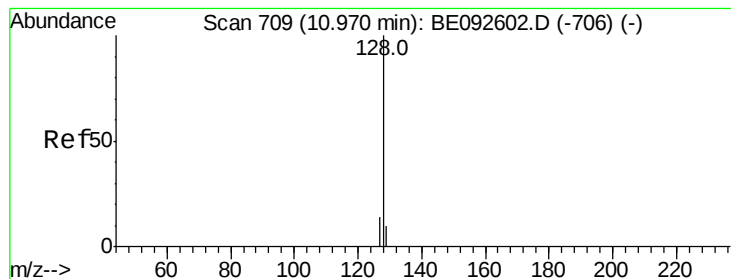


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.42 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

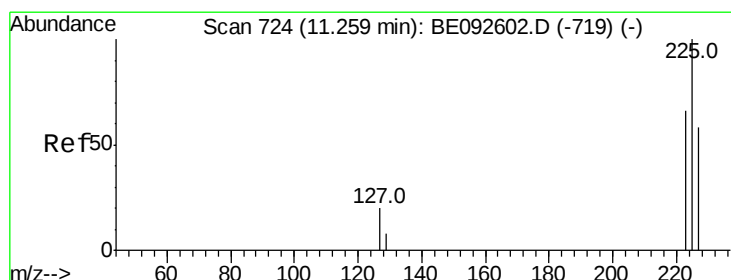
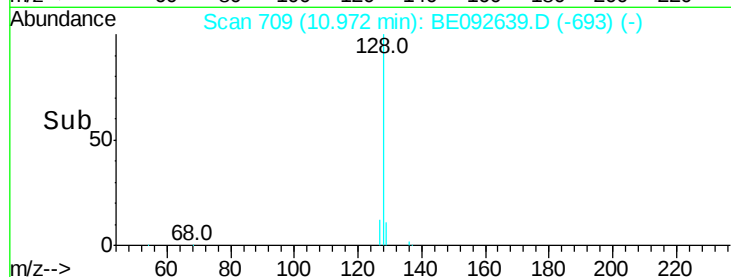
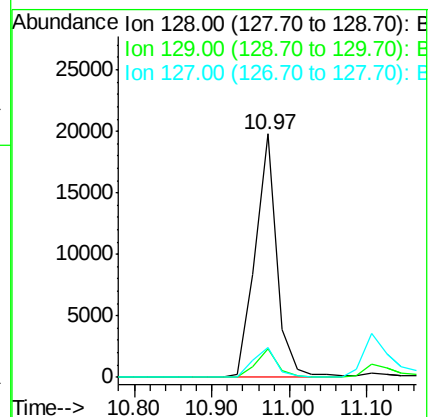
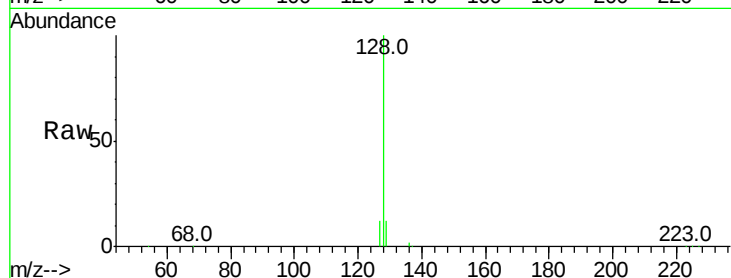
Tot Ion:128 Resp: 38189

Ion Ratio Lower Upper

128 100

129 11.7 11.2 16.8

127 12.3 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.31 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

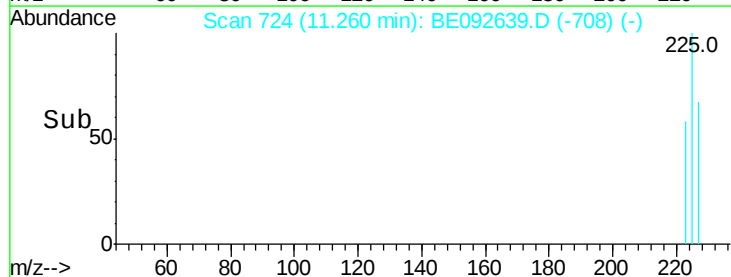
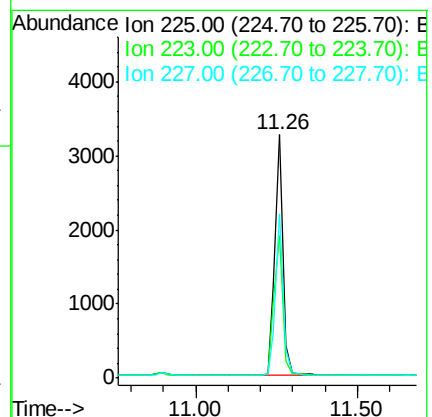
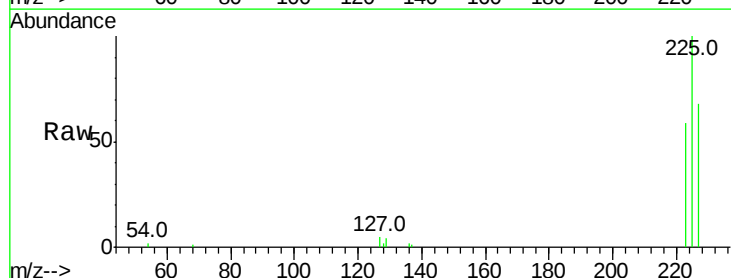
Tgt Ion:225 Resp: 5645

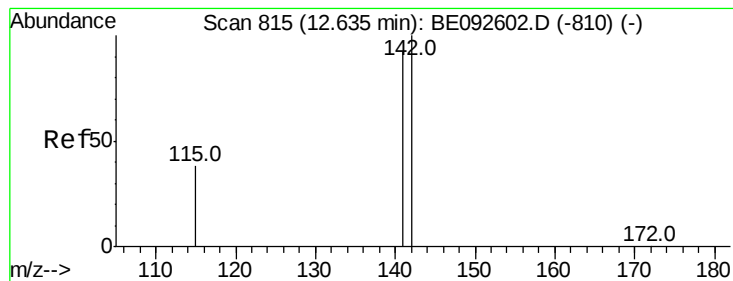
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 63.8 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.59 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.03 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

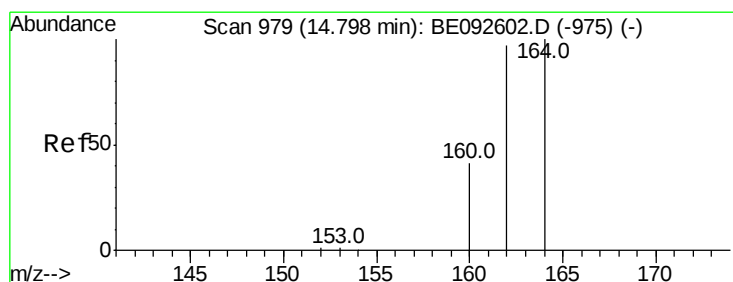
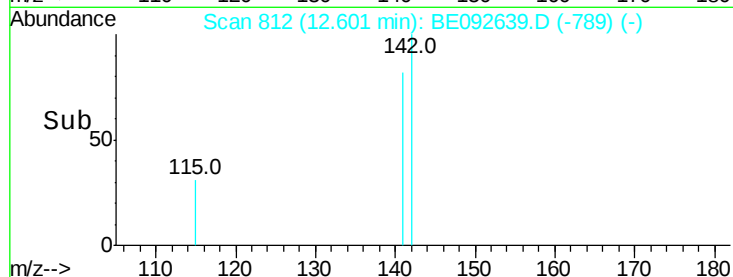
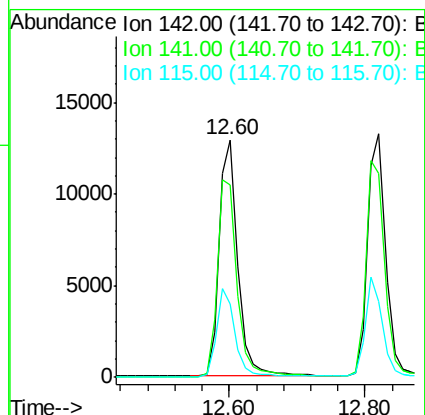
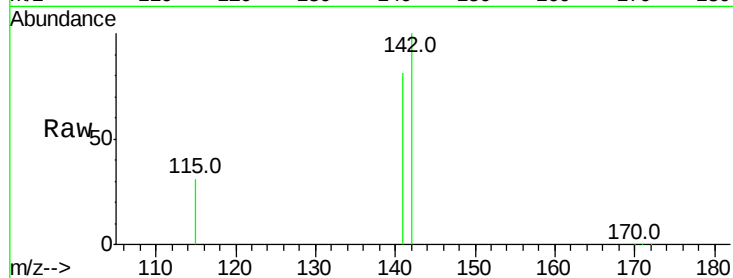
Tot Ion:142 Resp: 25190

Ion Ratio Lower Upper

142 100

141 81.1 73.7 110.5

115 30.9 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

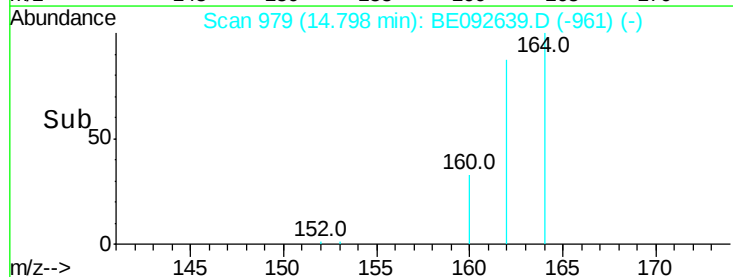
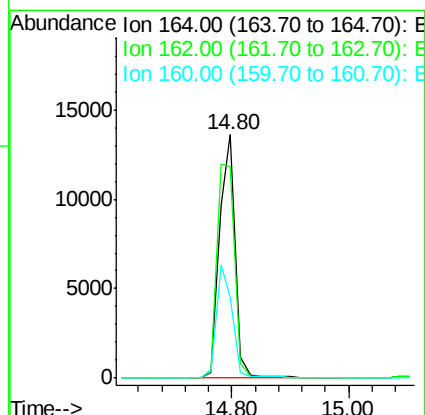
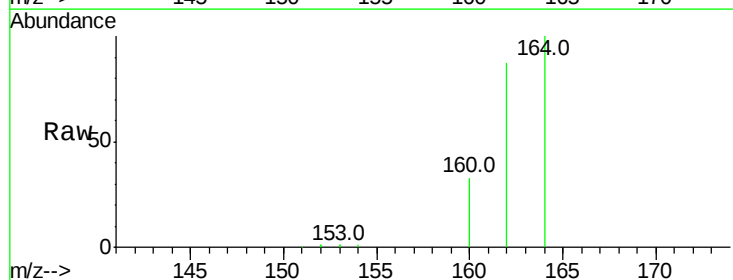
Tgt Ion:164 Resp: 25350

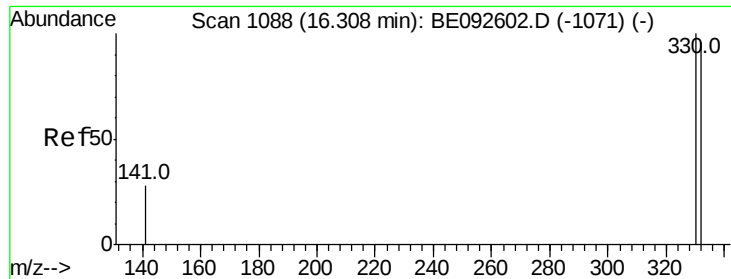
Ion Ratio Lower Upper

164 100

162 87.0 71.4 107.0

160 33.3 27.4 41.2

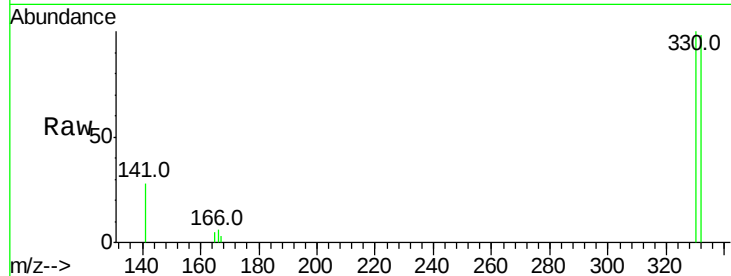




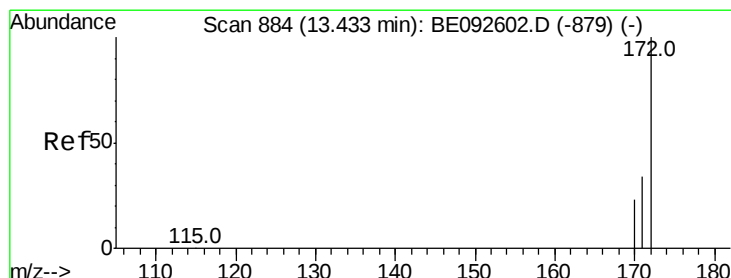
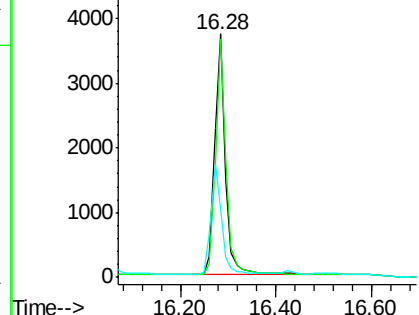
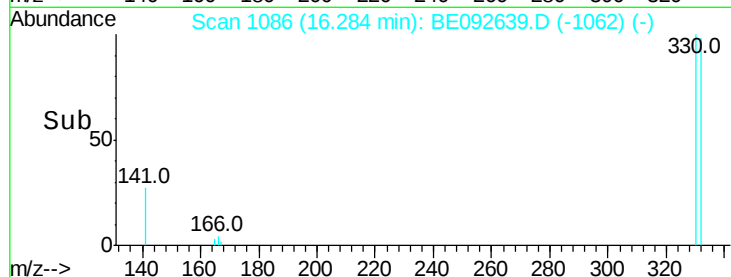
#13
 2,4,6-Tribromophenol
 Concen: 8.11 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092639.D
 Acq: 11 Jan 2017 13:40

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 5942
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 44.6 31.0 46.6

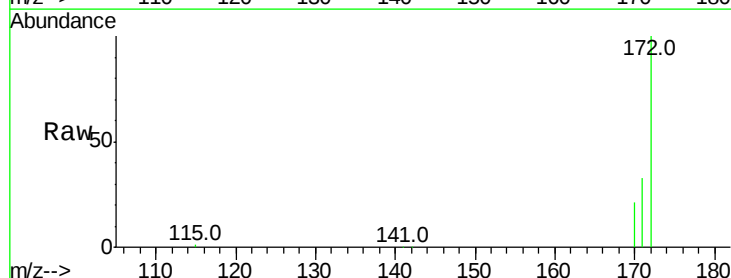


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

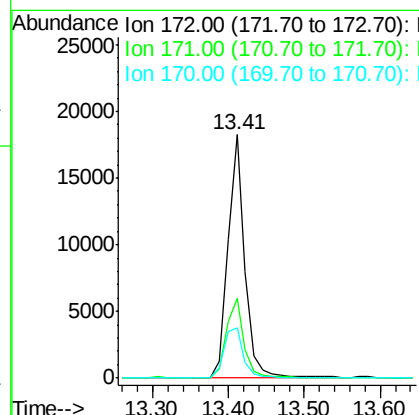
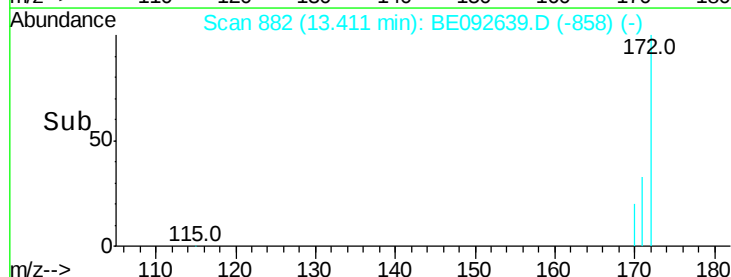


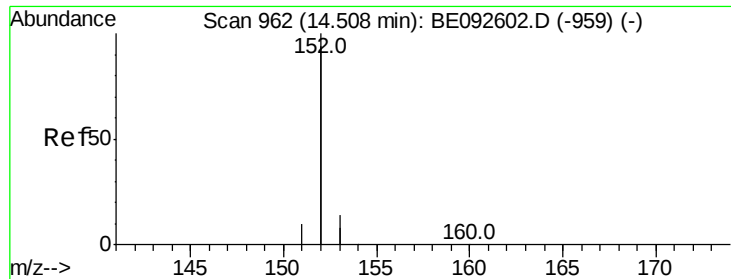
#14
 2-Fluorobiphenyl
 Concen: 4.67 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092639.D
 Acq: 11 Jan 2017 13:40

Tgt Ion:172 Resp: 28284
 Ion Ratio Lower Upper
 172 100
 171 32.7 30.1 45.1
 170 20.6 21.8 32.6#



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





#15

Acenaphthylene

Concen: 4.68 ng

RT: 14.51 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

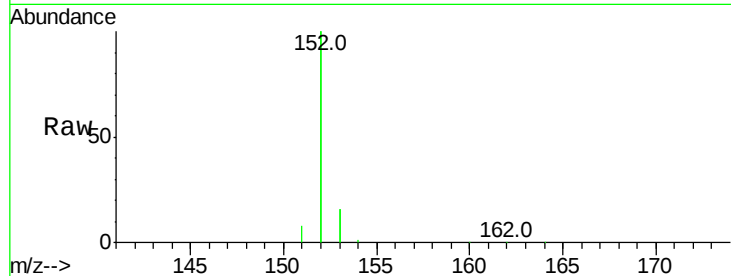
Tot Ion:152 Resp: 163534

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

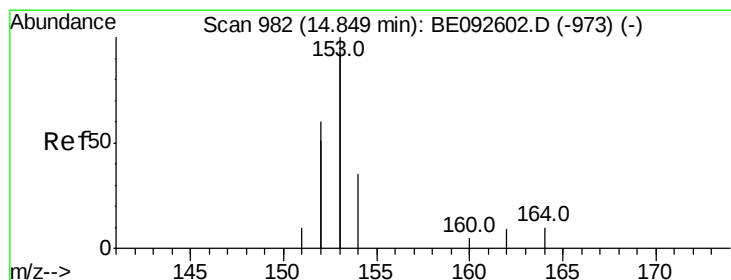
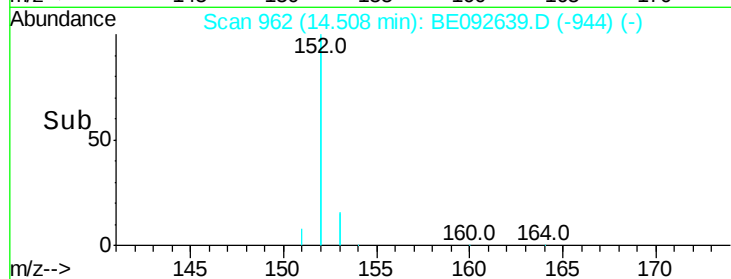
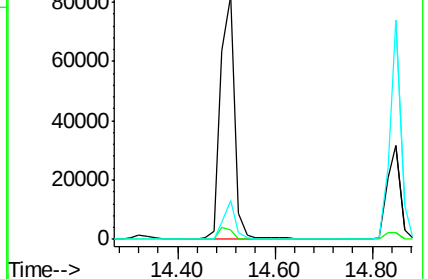
153 13.2 10.4 15.6



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: 4.28 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

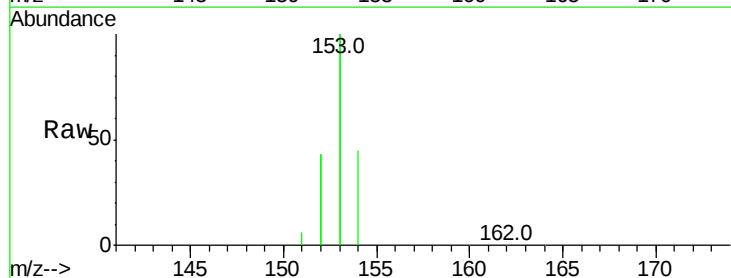
Tgt Ion:154 Resp: 24676

Ion Ratio Lower Upper

154 100

153 457.7 350.8 526.2

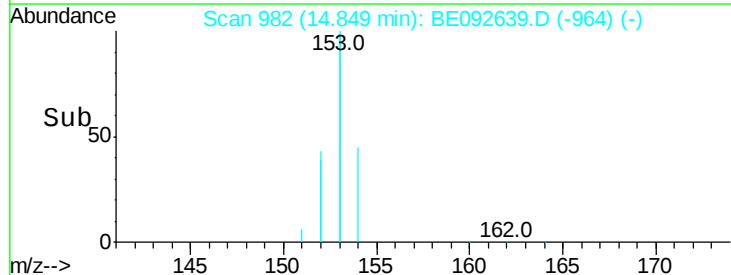
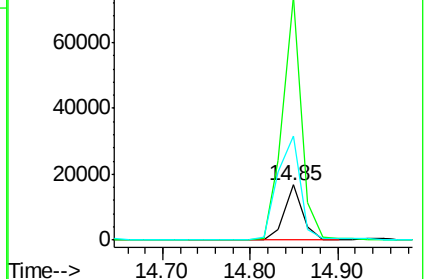
152 233.3 171.1 256.7

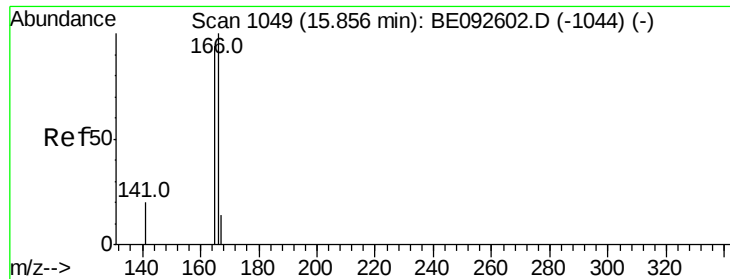


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

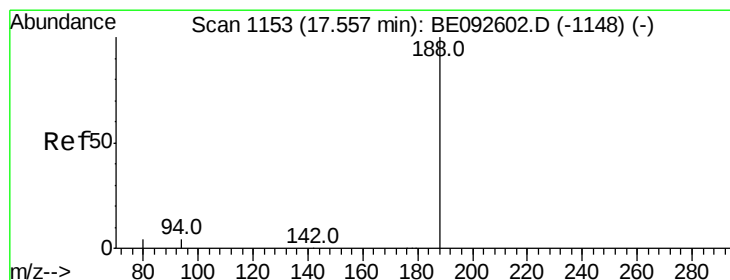
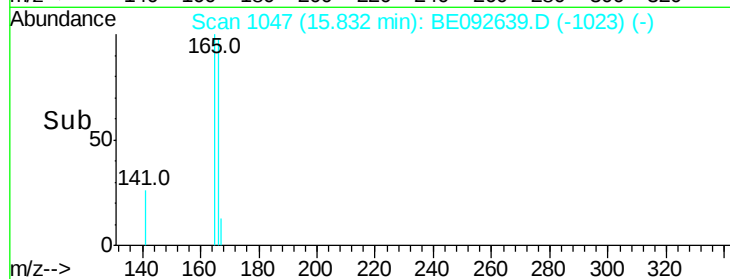
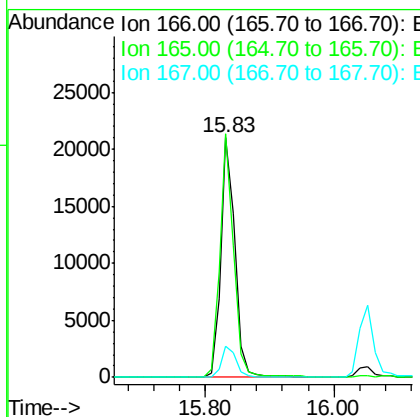
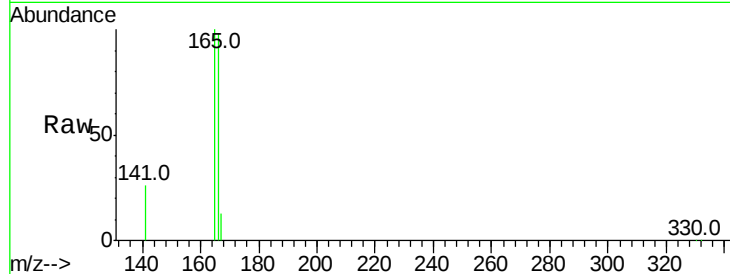




#17
Fluorene
 Concen: 4.55 ng
 RT: 15.83 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BE092639.D
 Acq: 11 Jan 2017 13:40

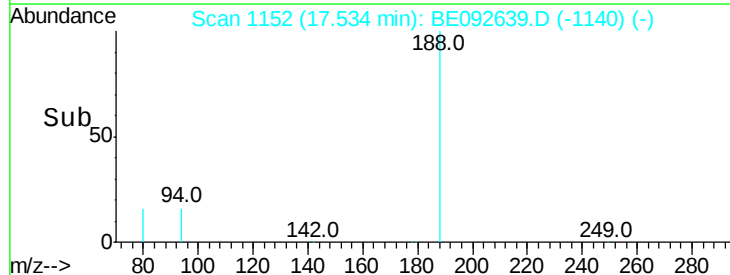
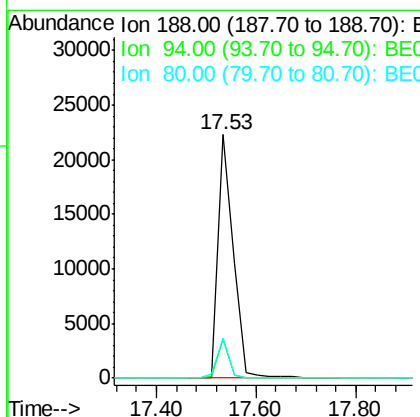
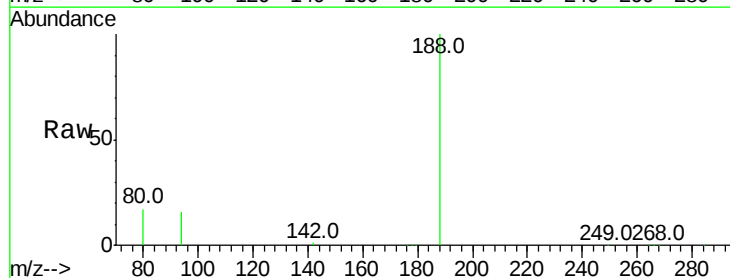
Instrument :
 BNA_E
 ClientSampled :

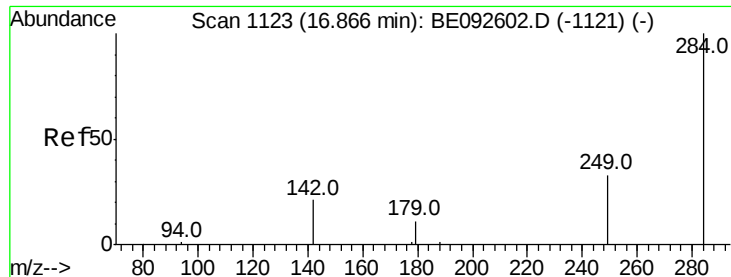
Tot Ion:166 Resp: 32215
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.53 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BE092639.D
 Acq: 11 Jan 2017 13:40

Tgt Ion:188 Resp: 46896
 Ion Ratio Lower Upper
 188 100
 94 15.8 3.2 4.8#
 80 16.6 2.6 3.8#

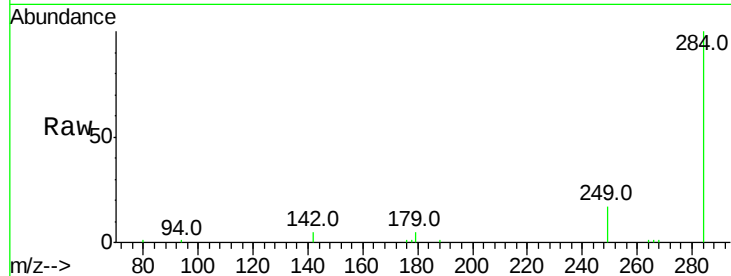




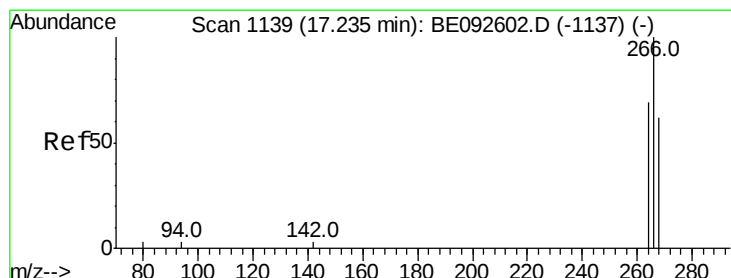
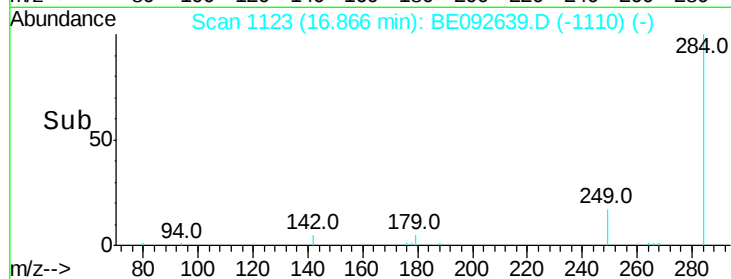
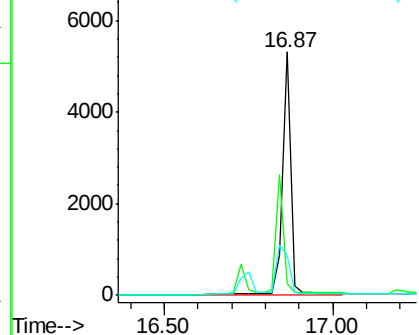
#19
Hexachlorobenzene
Concen: 5.20 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 10411
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 0.0 27.9 41.9#

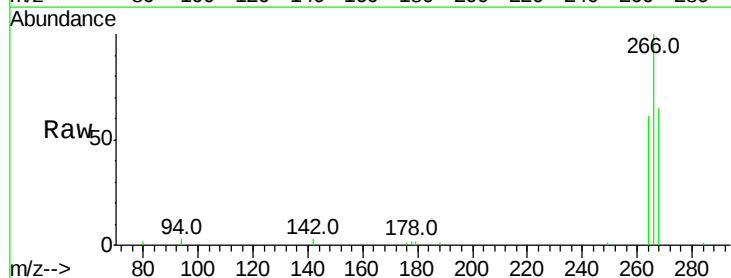


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

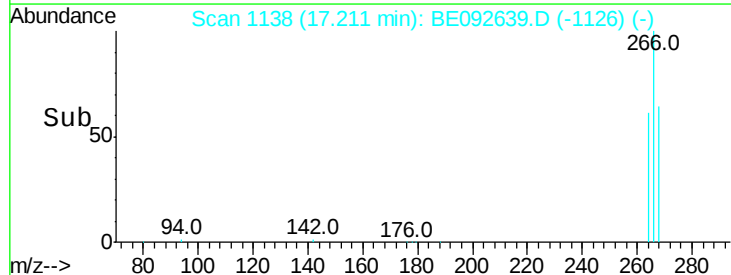
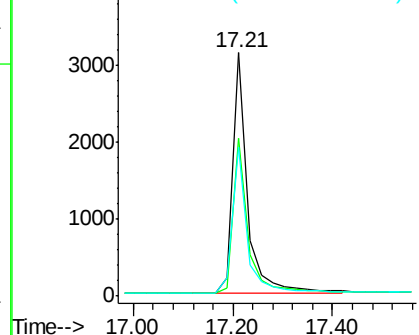


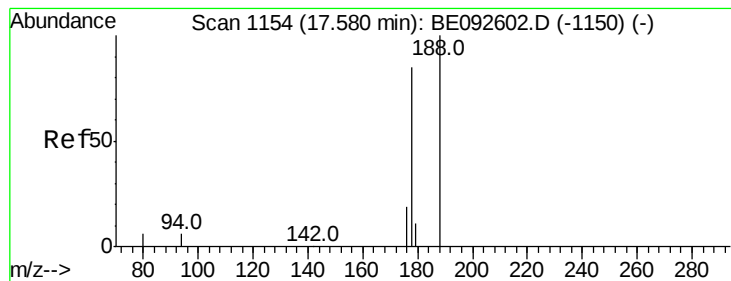
#20
Pentachlorophenol
Concen: 7.14 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:266 Resp: 6361
Ion Ratio Lower Upper
266 100
268 64.6 62.5 93.7
264 61.2 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: 4.85 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

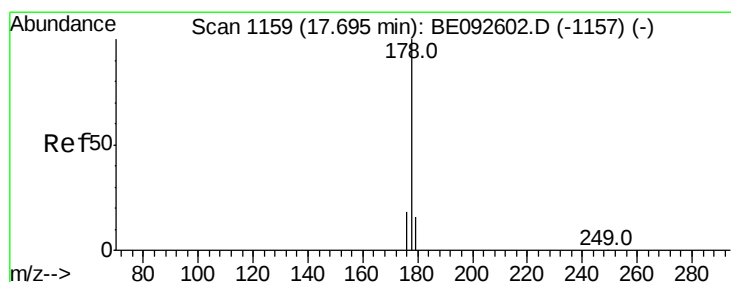
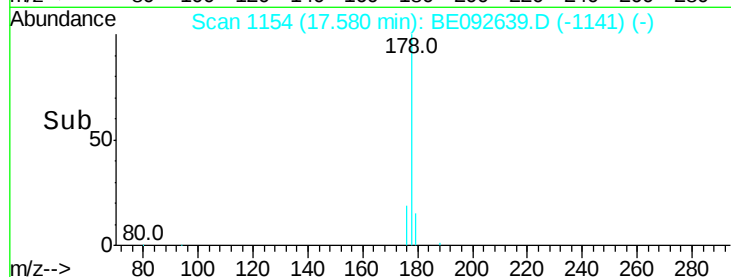
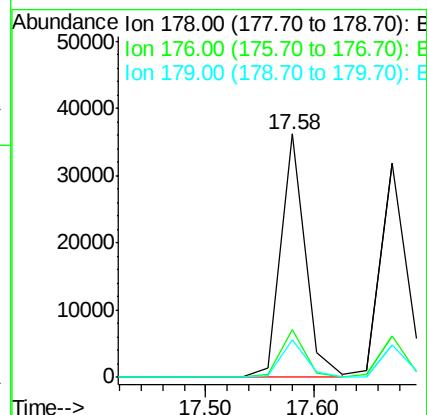
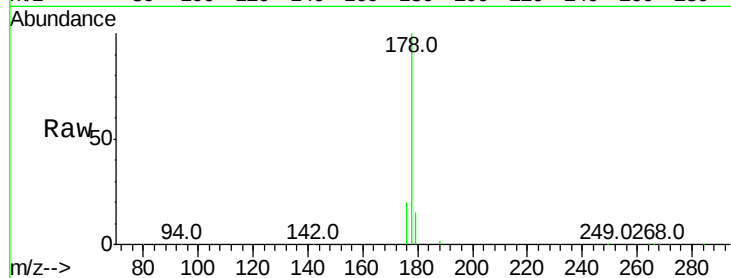
Tot Ion:178 Resp: 57324

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.4 16.0 24.0#



#22

Anthracene

Concen: 5.13 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

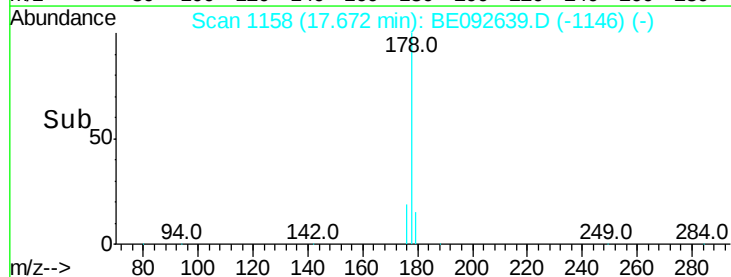
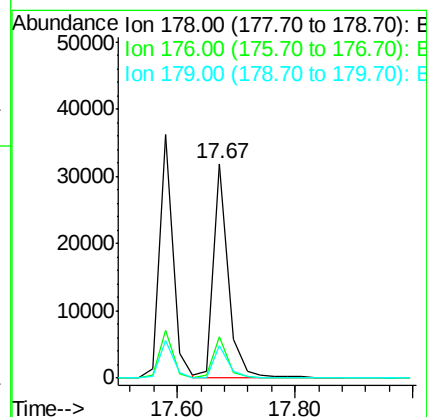
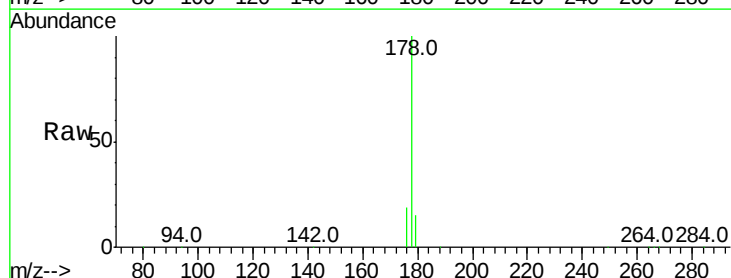
Tgt Ion:178 Resp: 55388

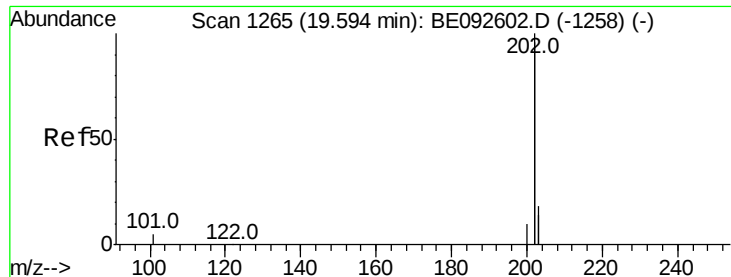
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.2 18.2





#23

Fluoranthene

Concen: 4.39 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

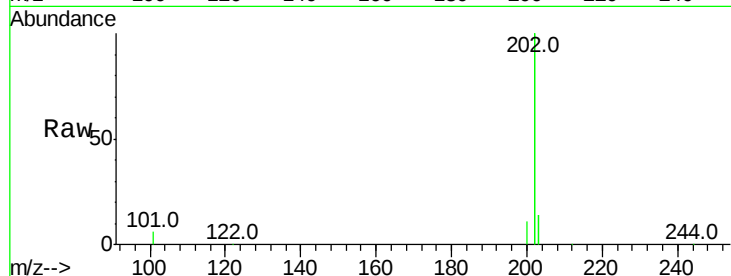
Tot Ion:202 Resp: 224464

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

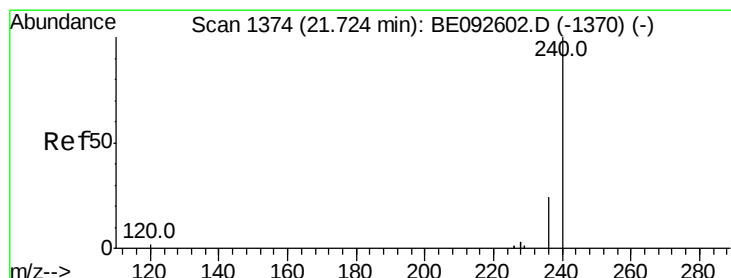
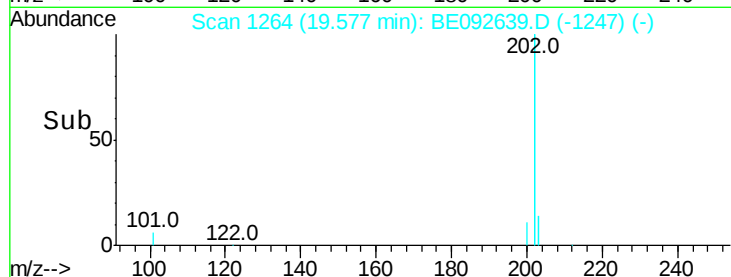
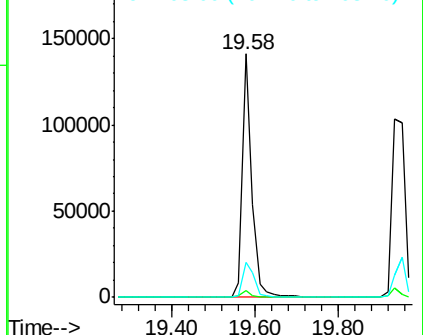
203 17.4 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

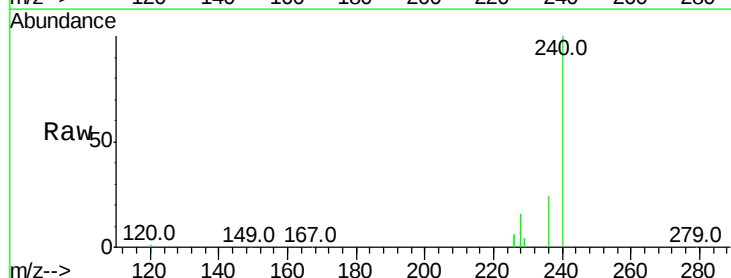
Tgt Ion:240 Resp: 56126

Ion Ratio Lower Upper

240 100

120 1.1 2.6 4.0#

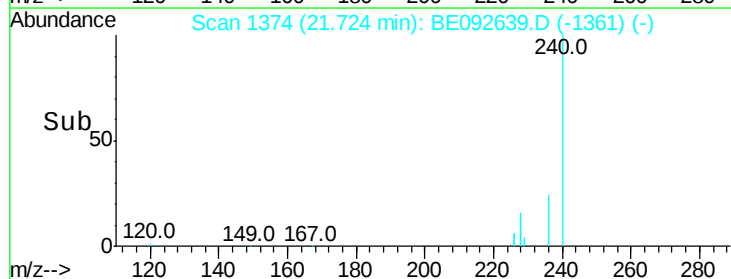
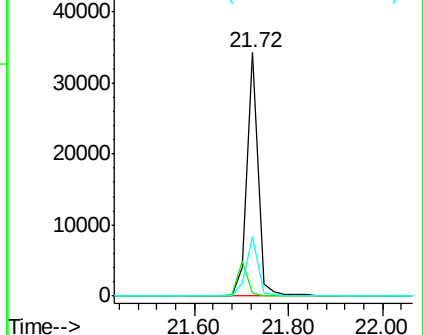
236 24.4 24.6 37.0#

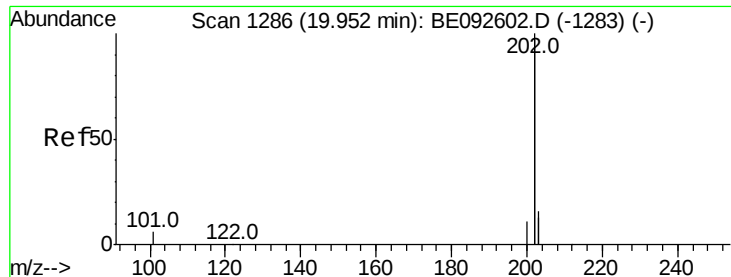


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 4.66 ng

RT: 19.93 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

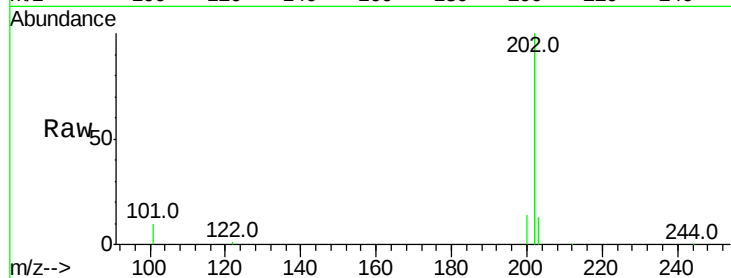
Tot Ion:202 Resp: 230096

Ion Ratio Lower Upper

202 100

200 5.4 4.2 6.4

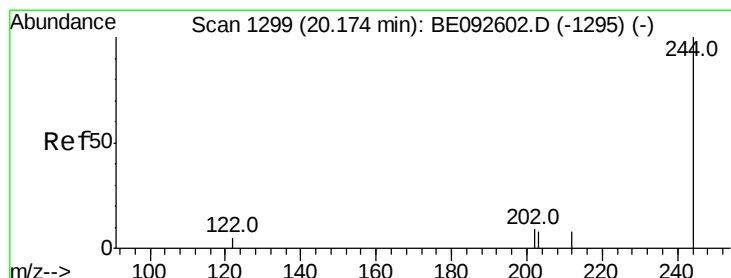
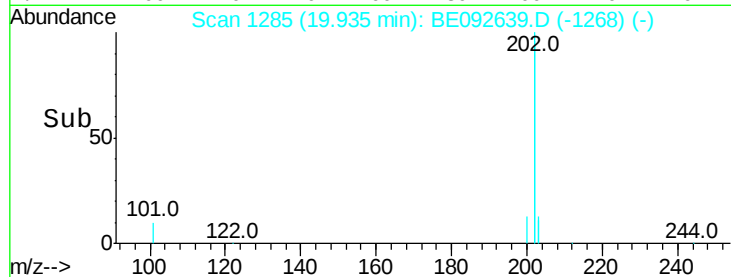
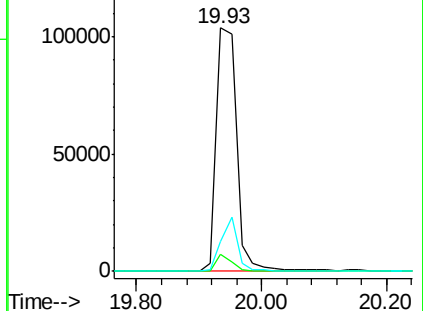
203 18.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 4.55 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

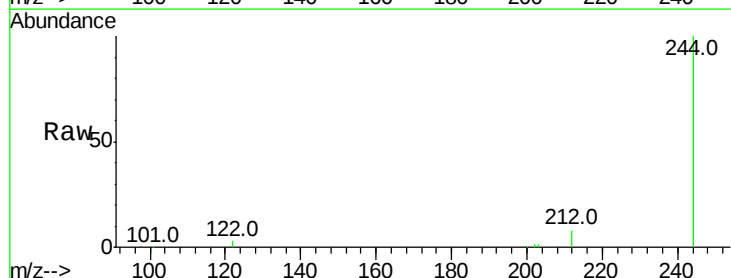
Tgt Ion:244 Resp: 31304

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

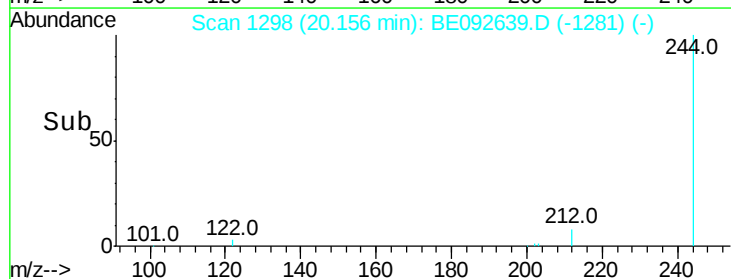
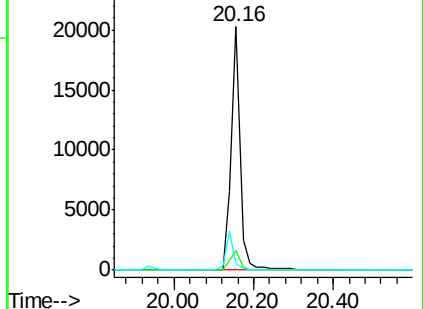
122 3.1 3.6 5.4#

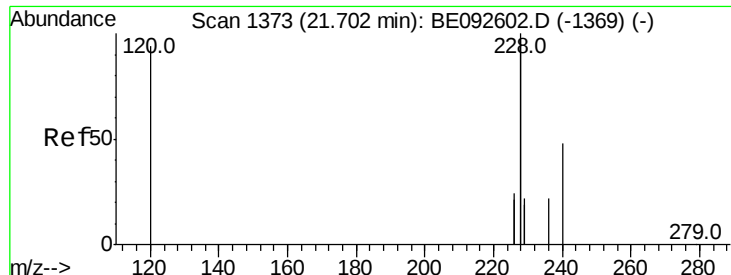


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

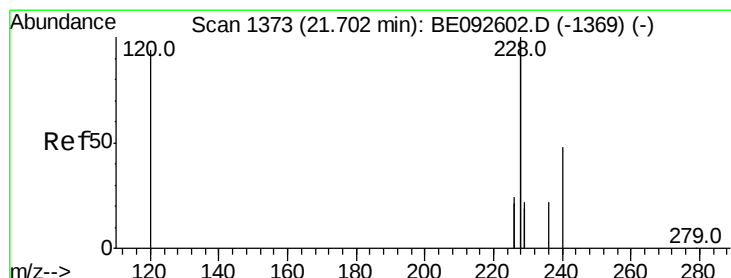
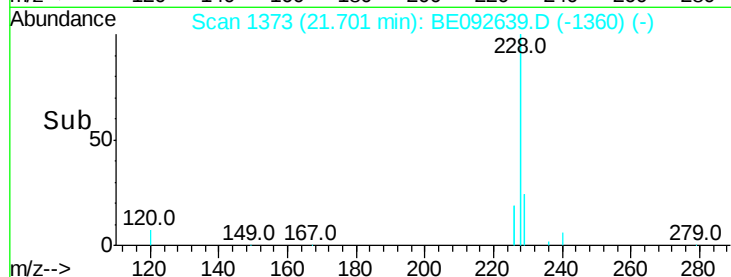
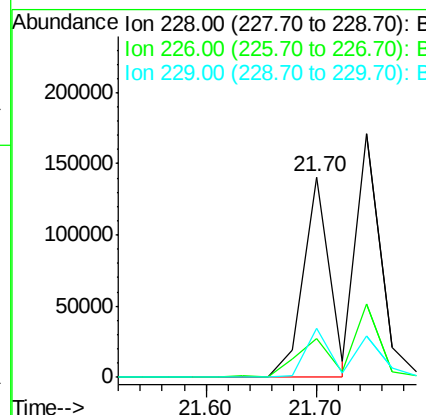
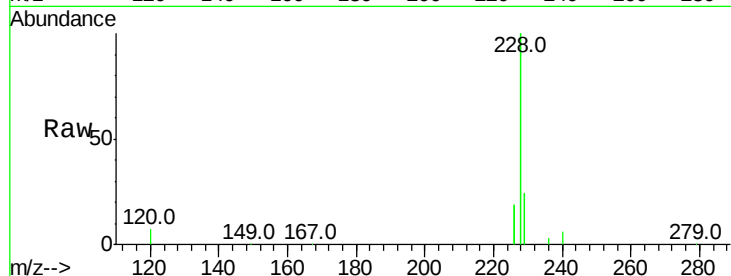




#27
Benzo(a)anthracene
Concen: 4.59 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

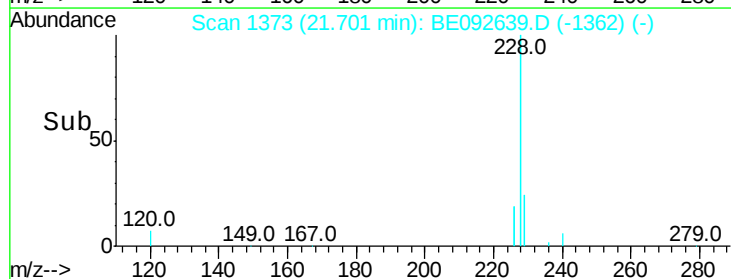
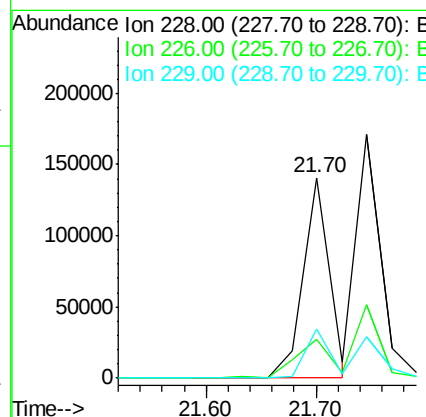
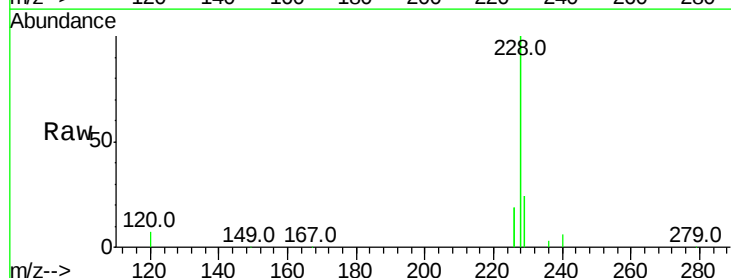
Instrument :
BNA_E
ClientSampled :

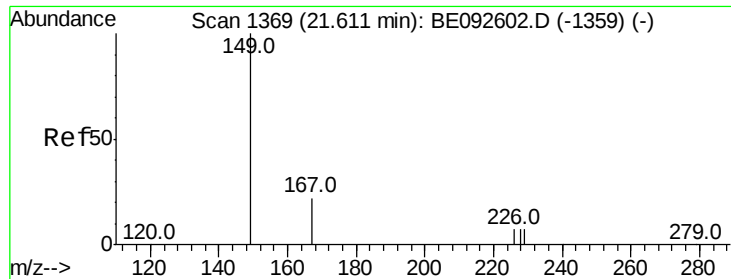
Tot Ion:228 Resp: 231254
Ion Ratio Lower Upper
228 100
226 19.1 23.6 35.4#
229 24.3 13.3 19.9#



#28
Chrysene
Concen: 3.96 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:228 Resp: 231254
Ion Ratio Lower Upper
228 100
226 19.1 36.3 54.5#
229 24.3 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.96 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

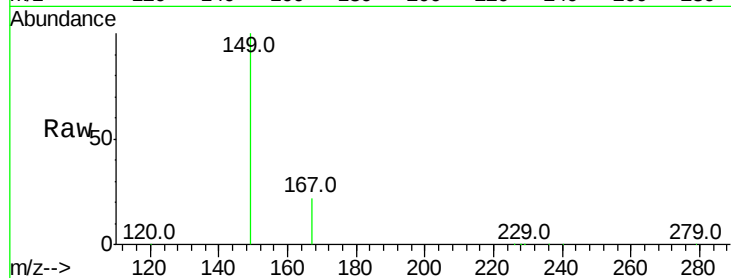
Tot Ion:149 Resp: 29627

Ion Ratio Lower Upper

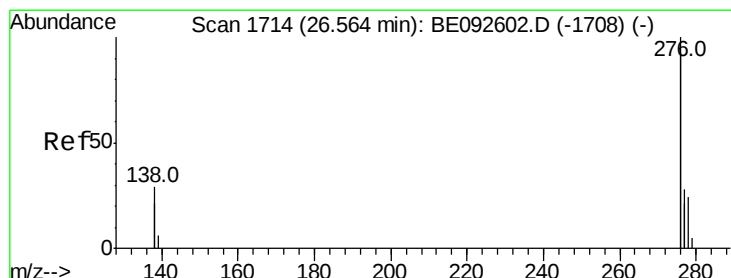
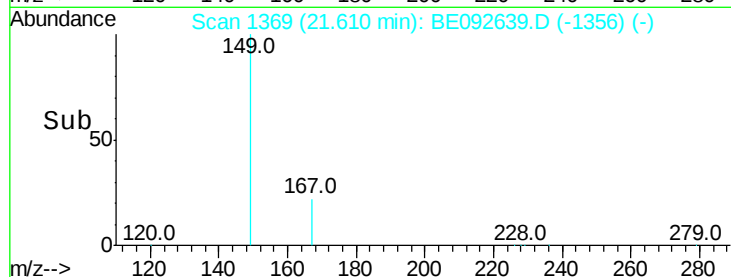
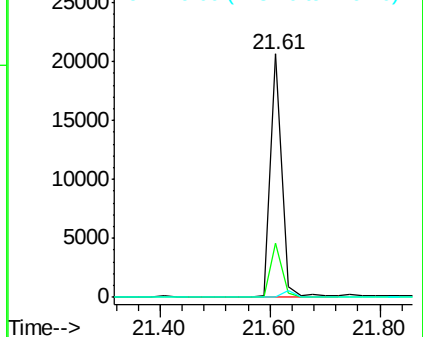
149 100

167 22.9 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: 5.77 ng

RT: 26.53 min Scan# 1712

Delta R.T. -0.03 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

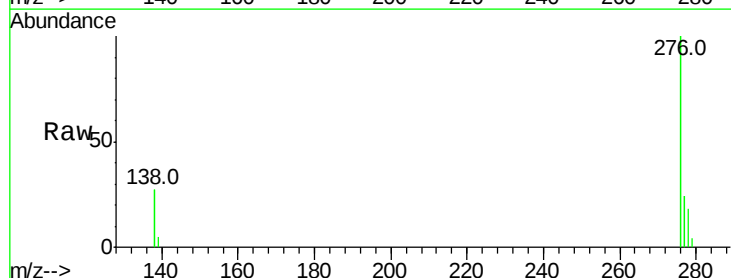
Tgt Ion:276 Resp: 304707

Ion Ratio Lower Upper

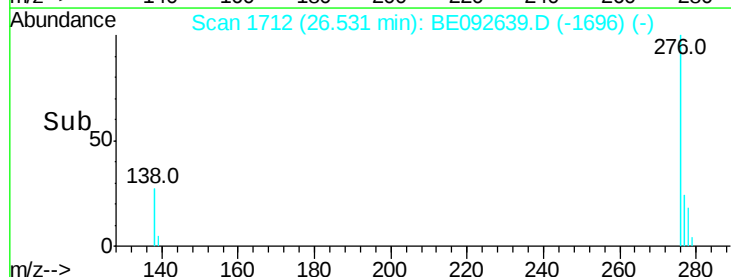
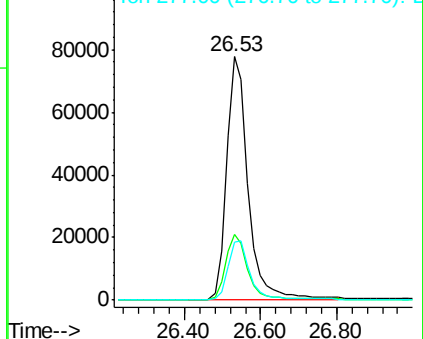
276 100

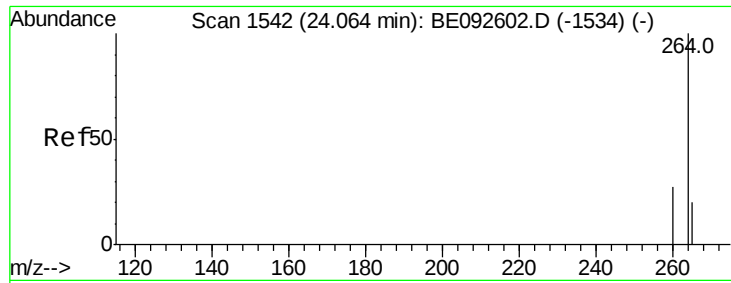
138 27.7 20.3 30.5

277 24.8 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

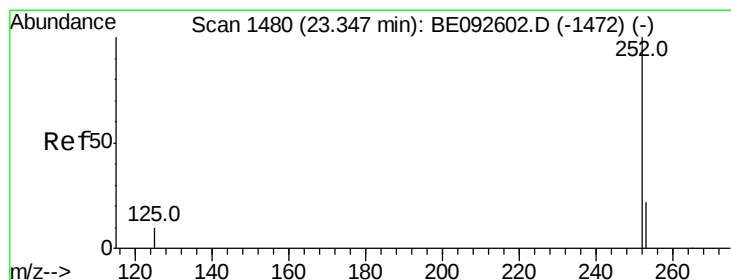
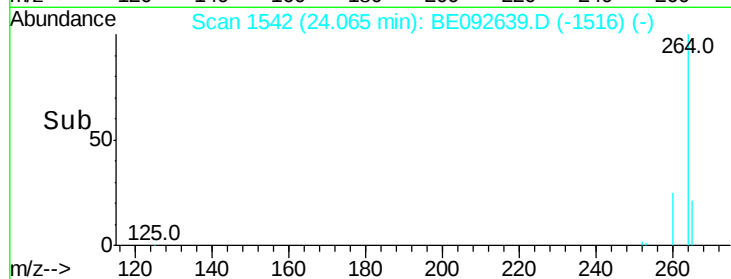
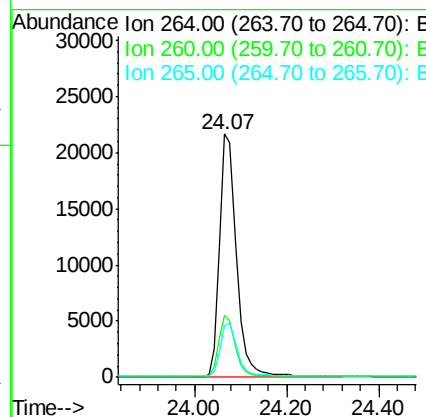
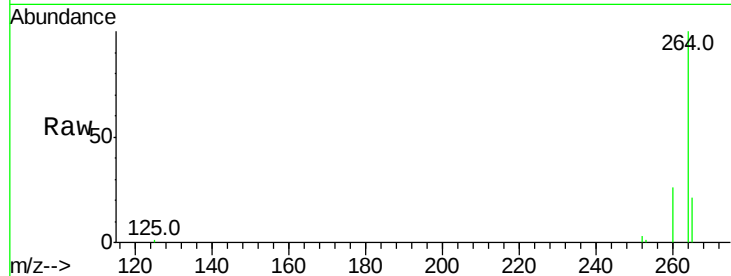




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

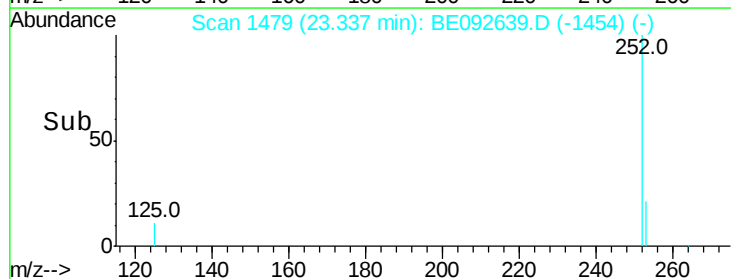
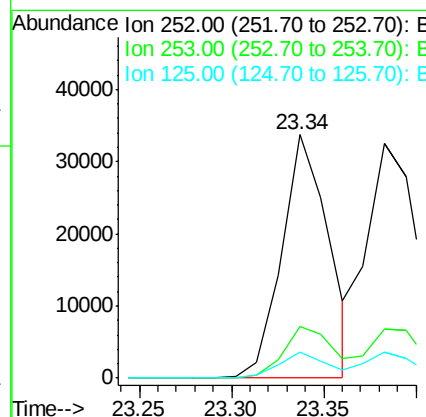
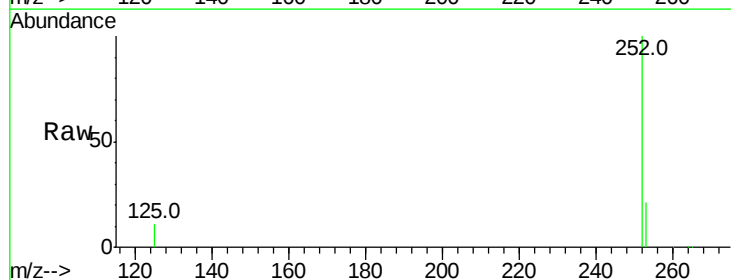
Instrument :
BNA_E
ClientSampleId :

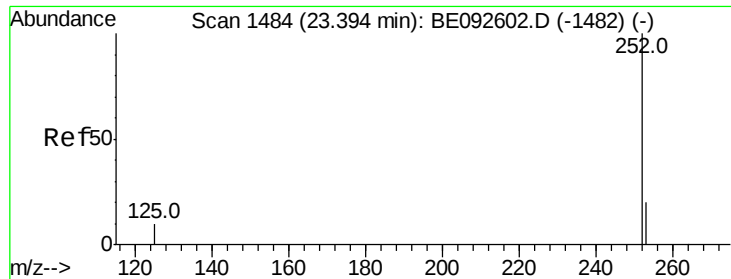
Tot Ion:264 Resp: 55159
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.3 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.69 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:252 Resp: 59513
Ion Ratio Lower Upper
252 100
253 21.1 18.7 28.1
125 10.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 4.74 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

Instrument :

BNA_E

ClientSampleId :

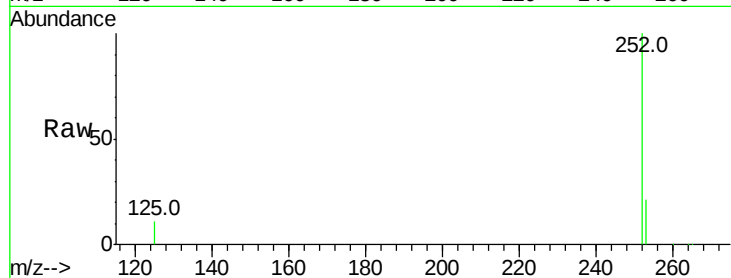
Tot Ion:252 Resp: 67004

Ion Ratio Lower Upper

252 100

253 20.8 20.3 30.5

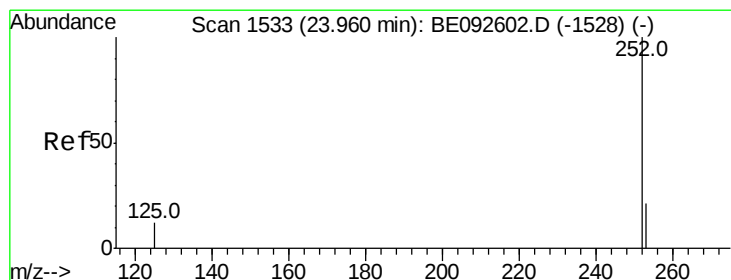
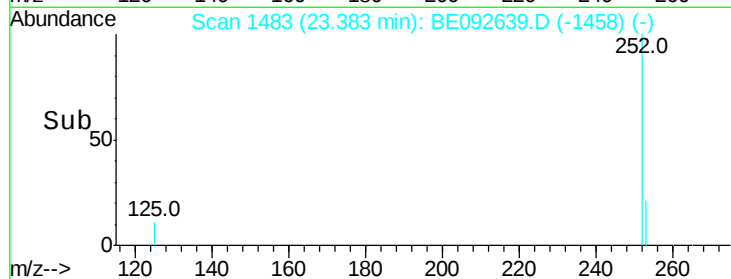
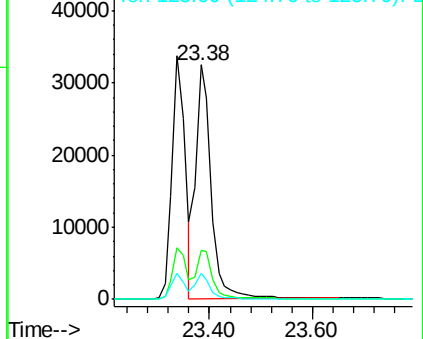
125 11.0 9.6 14.4



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: 5.03 ng

RT: 23.96 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092639.D

Acq: 11 Jan 2017 13:40

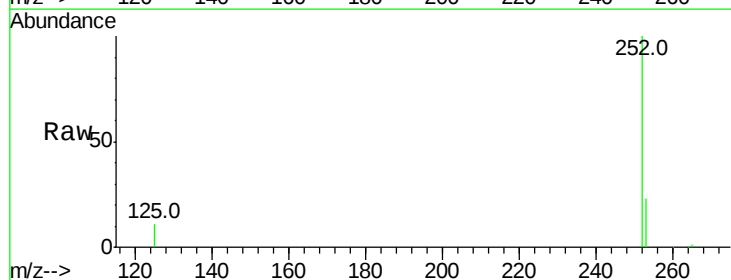
Tgt Ion:252 Resp: 61570

Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.6

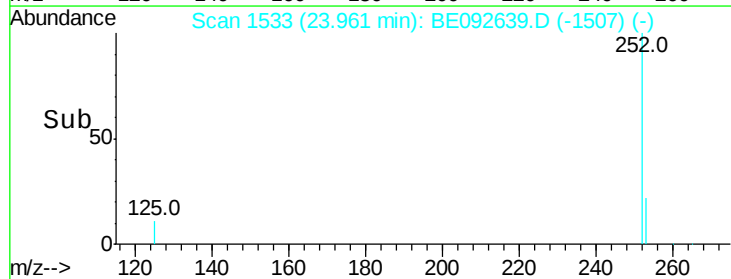
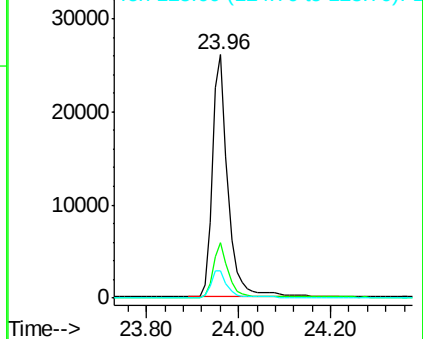
125 11.2 11.8 17.8#

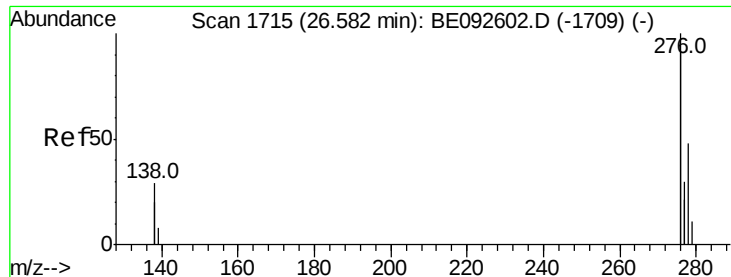


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

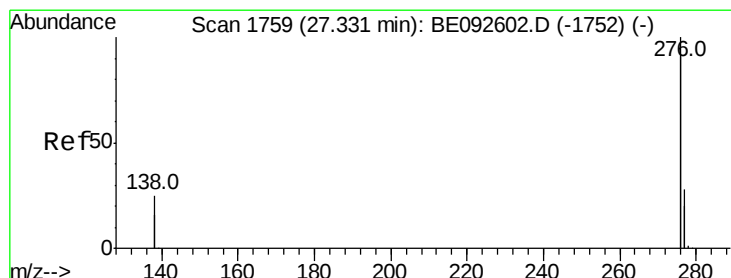
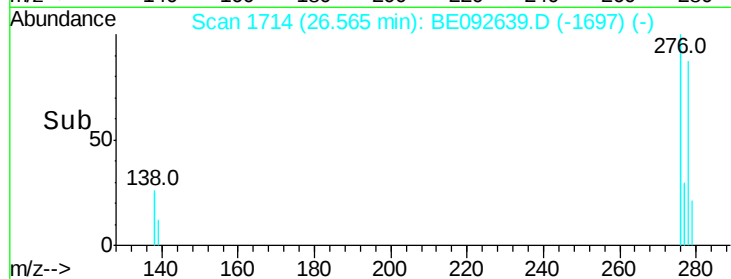
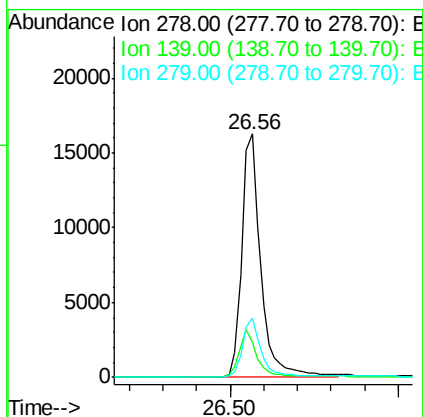
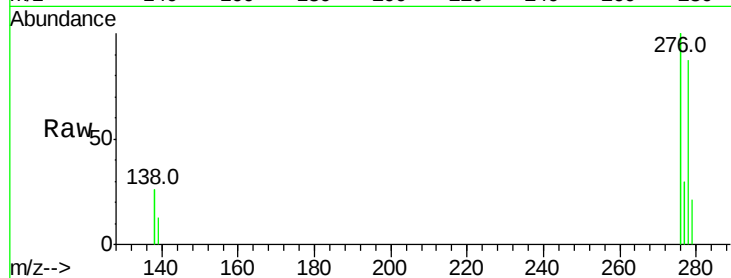




#35
Dibenzo(a,h)anthracene
Concen: 5.43 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 63151
Ion Ratio Lower Upper
278 100
139 14.6 13.8 20.8
279 24.6 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 5.30 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:276 Resp: 263854
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 23.2 19.8 29.6

