

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : BE092637.D
 Acq On : 11 Jan 2017 11:59
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 16:27:03 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	8445	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	40805	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	29573	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	65161	5.00	ng	0.00
24) Chrysene-d12	21.72	240	82688	5.00	ng	0.00
31) Perylene-d12	24.06	264	74368	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	398	0.39	ng	0.00
5) Phenol-d6	7.38	99	616	0.41	ng	0.00
8) Nitrobenzene-d5	9.20	82	100	0.21	ng	-0.16
13) 2,4,6-Tribromophenol	16.31	330	194	0.40	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2555	0.36	ng	0.00
26) Terphenyl-d14	20.17	244	3665	0.36	ng	0.00

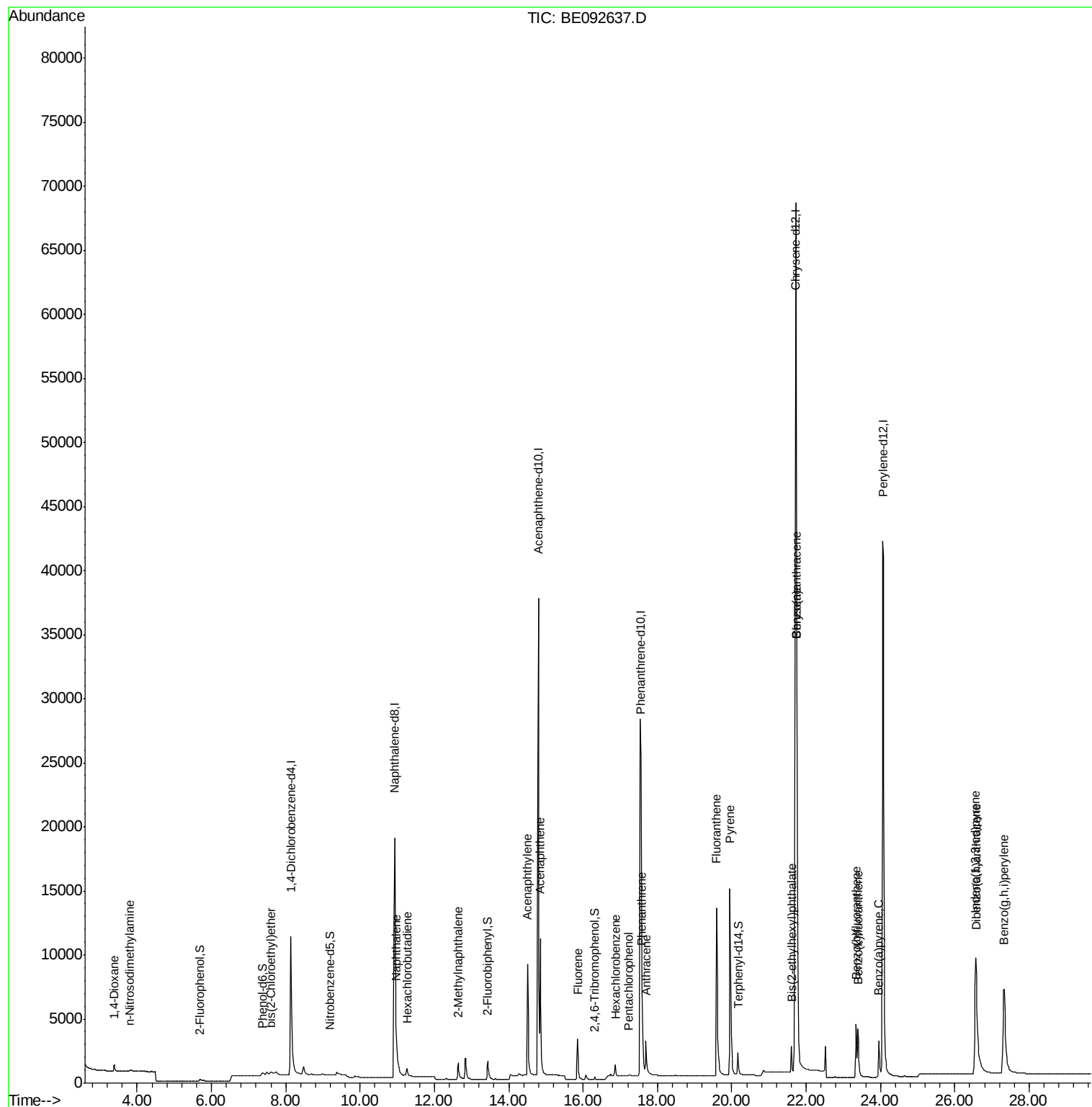
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	538	0.40	ng	88
3) n-Nitrosodimethylamine	3.80	42	332	0.42	ng	# 93
6) bis(2-Chloroethyl)ether	7.59	93	626	0.36	ng	# 79
9) Naphthalene	10.97	128	3219	0.38	ng	97
10) Hexachlorobutadiene	11.26	225	482	0.38	ng	99
11) 2-Methylnaphthalene	12.64	142	1902	0.36	ng	98
15) Acenaphthylene	14.51	152	14339	0.35	ng	100
16) Acenaphthene	14.85	154	2435	0.36	ng	96
17) Fluorene	15.86	166	3006	0.36	ng	99
19) Hexachlorobenzene	16.87	284	2148	0.77	ng	# 56
20) Pentachlorophenol	17.23	266	134	0.37	ng	# 88
21) Phenanthrene	17.58	178	5860	0.36	ng	# 95
22) Anthracene	17.70	178	5016	0.33	ng	99
23) Fluoranthene	19.59	202	24152	0.34	ng	99
25) Pyrene	19.95	202	25369	0.35	ng	100
27) Benzo(a)anthracene	21.75	228	58104	0.78	ng	97
28) Chrysene	21.75	228	58376	0.68	ng	# 82
29) Bis(2-ethylhexyl)phthalate	21.61	149	2444	0.39	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.56	276	25529	0.33	ng	99
32) Benzo(b)fluoranthene	23.35	252	5949	0.35	ng	98
33) Benzo(k)fluoranthene	23.39	252	6853	0.36	ng	97
34) Benzo(a)pyrene	23.96	252	5603	0.34	ng	99
35) Dibenzo(a,h)anthracene	26.58	278	5026	0.32	ng	# 95
36) Benzo(g,h,i)perylene	27.33	276	22901	0.34	ng	97

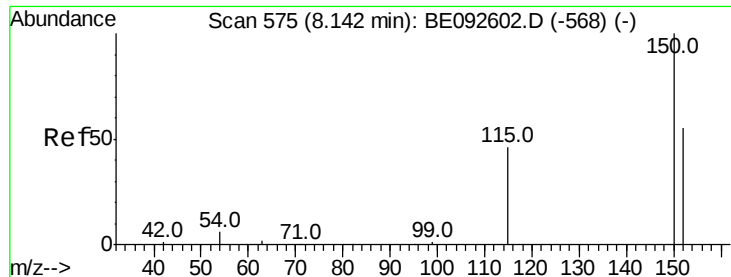
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 19 16:16:32 2016
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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: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

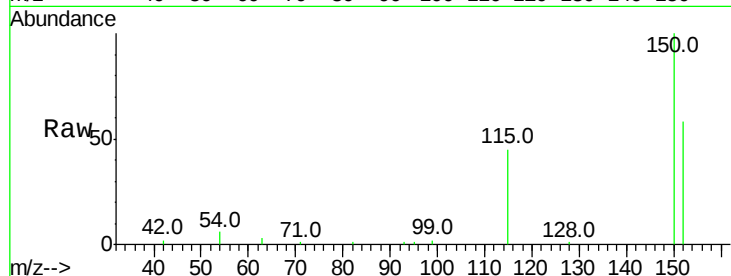
Tot Ion:152 Resp: 8445

Ion Ratio Lower Upper

152 100

150 172.0 106.0 159.0#

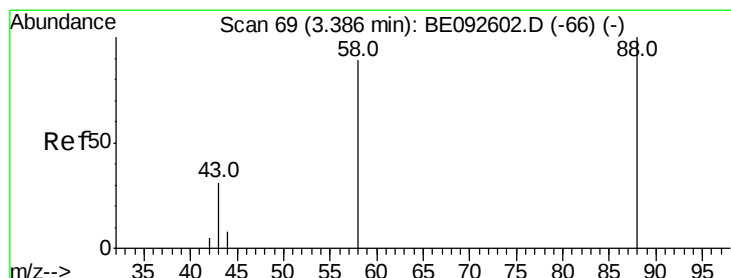
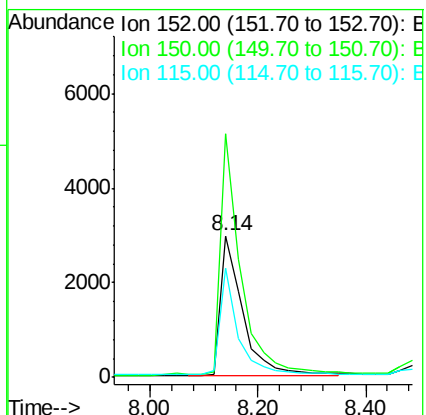
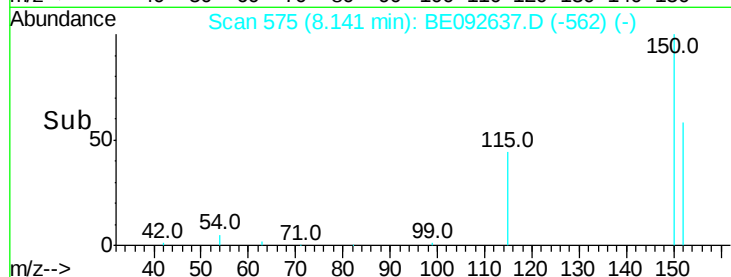
115 77.3 31.2 46.8#



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: 0.40 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

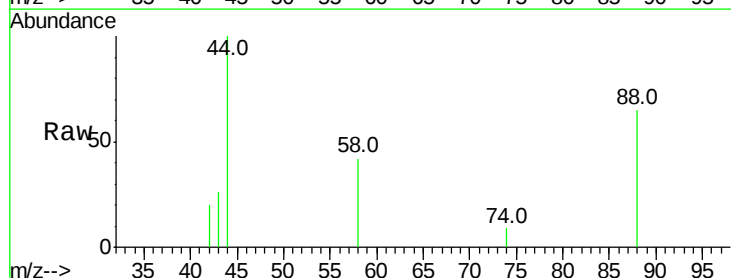
Tgt Ion: 88 Resp: 538

Ion Ratio Lower Upper

88 100

58 67.8 63.6 95.4

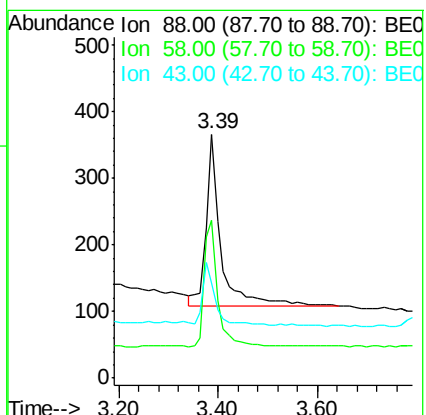
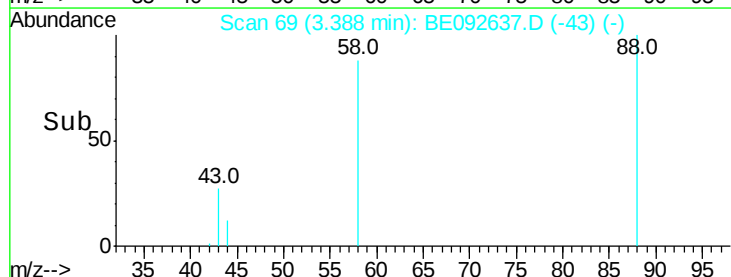
43 29.4 28.0 42.0

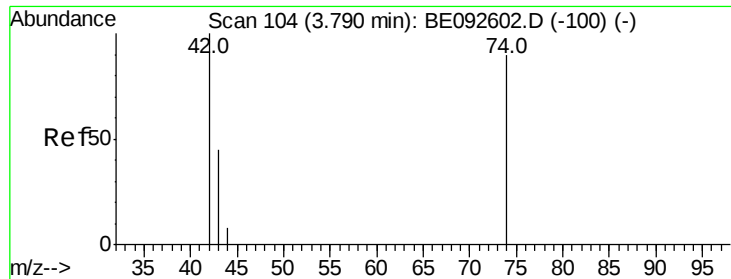


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



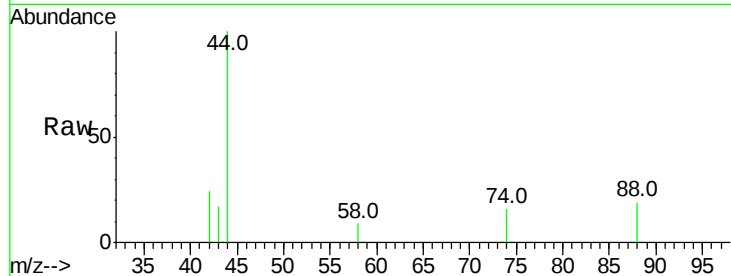


#3

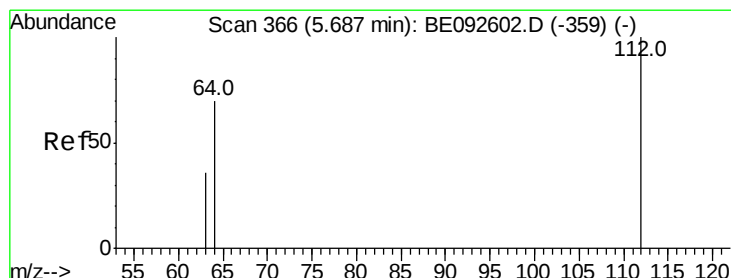
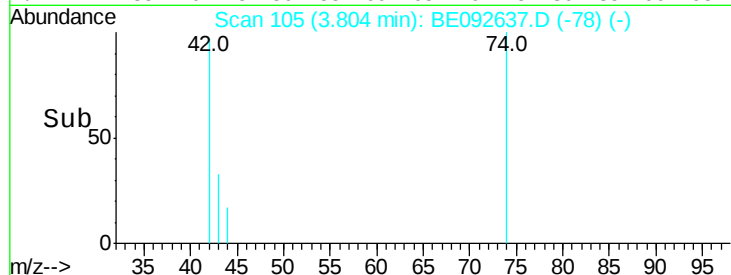
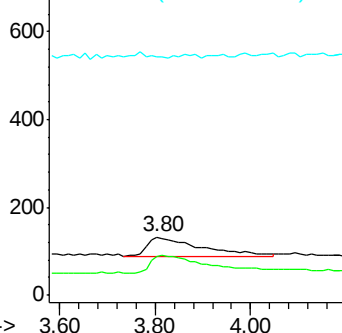
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 332
Ion Ratio Lower Upper
42 100
74 100.9 86.0 129.0
44 0.0 5.1 7.7#



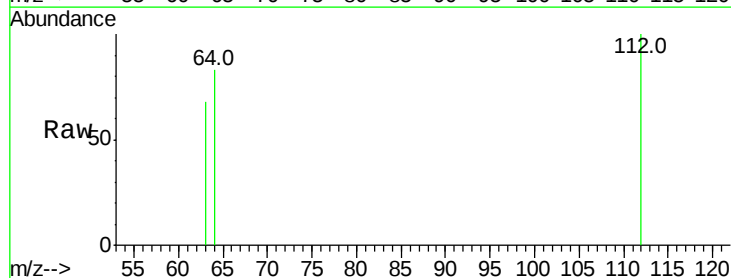
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



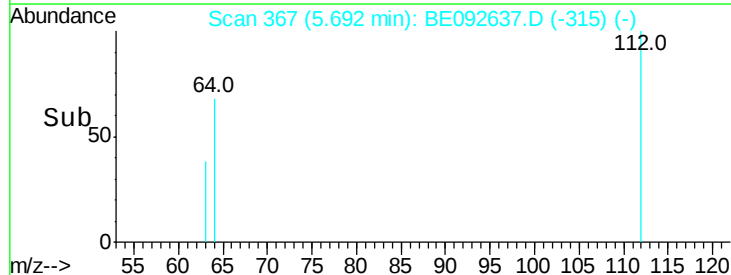
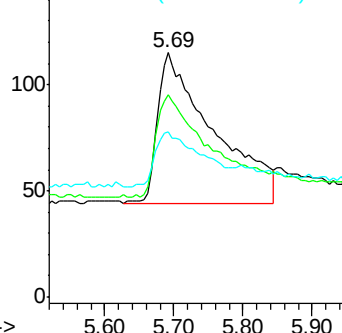
#4

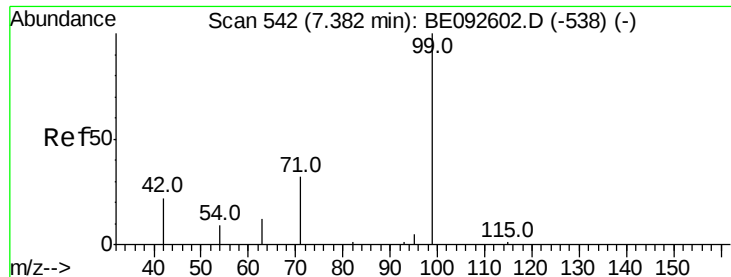
2-Fluorophenol
Concen: 0.39 ng
RT: 5.69 min Scan# 367
Delta R.T. 0.01 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion: 112 Resp: 398
Ion Ratio Lower Upper
112 100
64 75.9 53.5 80.3
63 30.2 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: 0.41 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampled :

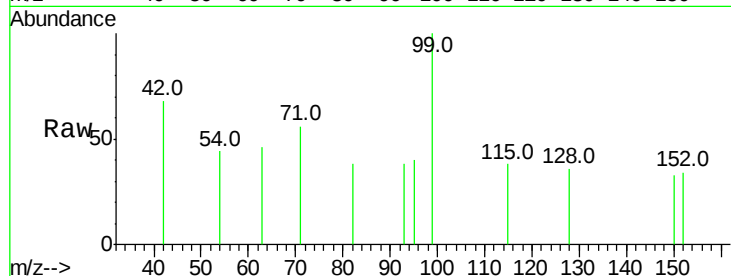
Tot Ion: 99 Resp: 616

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

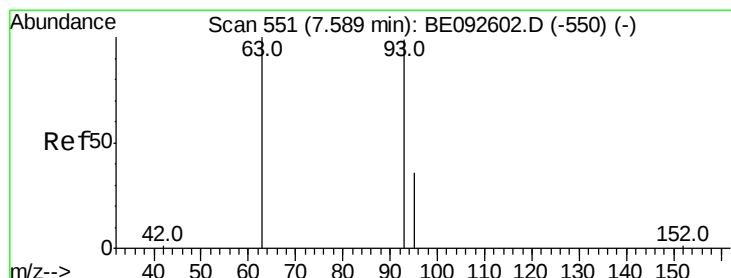
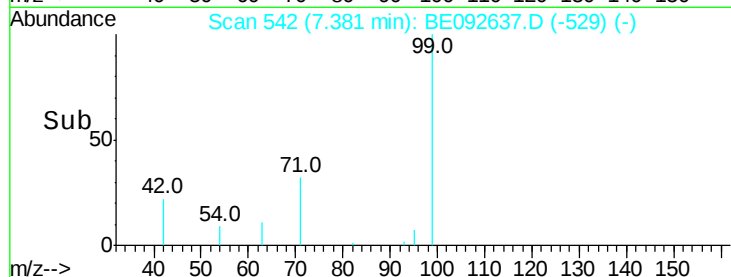
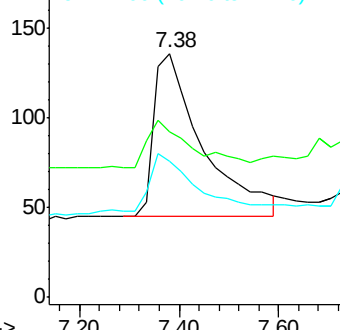
71 0.0 30.6 45.8#



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: 0.36 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

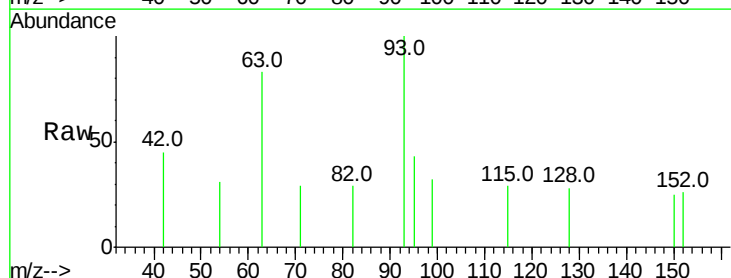
Tgt Ion: 93 Resp: 626

Ion Ratio Lower Upper

93 100

63 64.7 71.6 107.4#

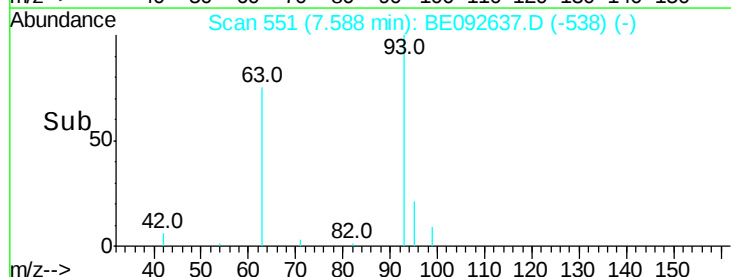
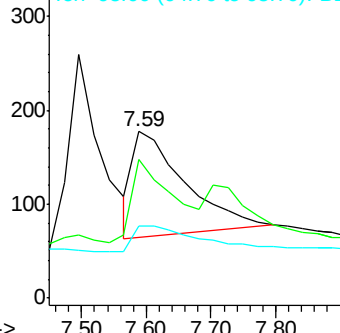
95 31.9 24.0 36.0

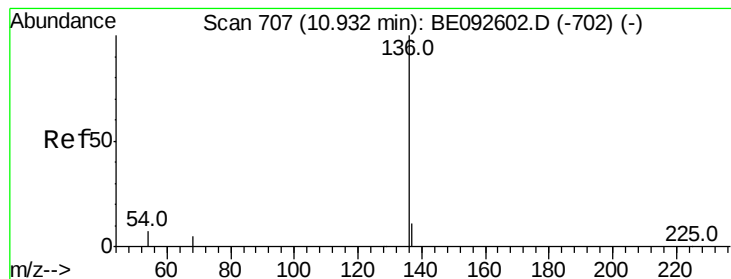


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 40805

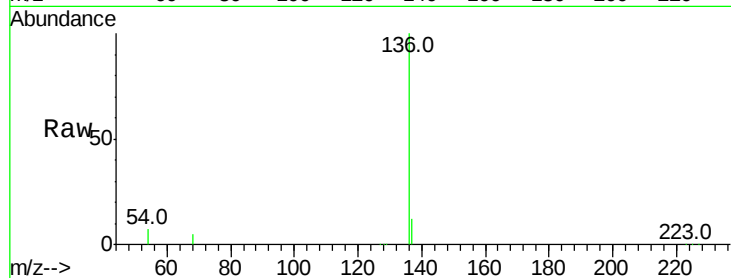
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 7.1 9.6 14.4#

68 5.0 6.7 10.1#

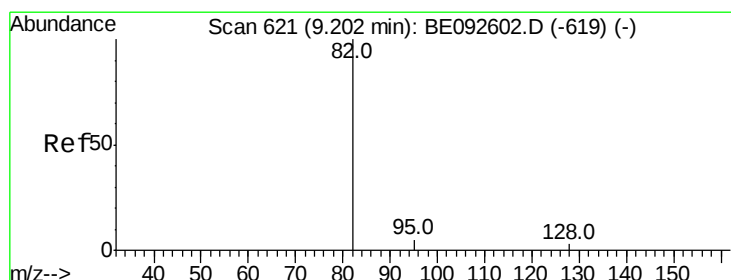
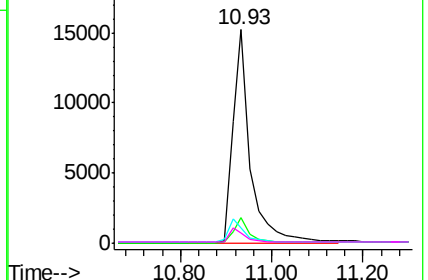
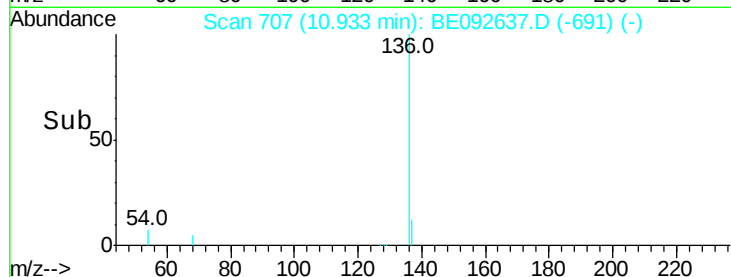


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.21 ng

RT: 9.20 min Scan# 621

Delta R.T. -0.16 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

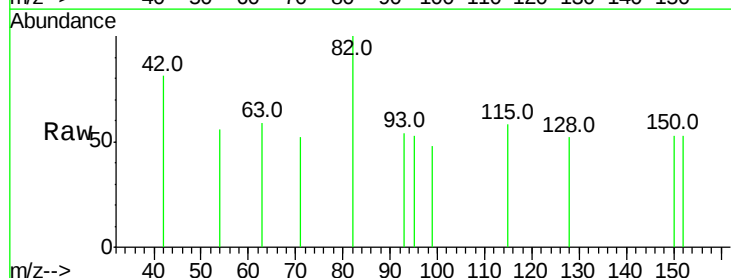
Tgt Ion: 82 Resp: 100

Ion Ratio Lower Upper

82 100

128 51.6 39.0 58.4

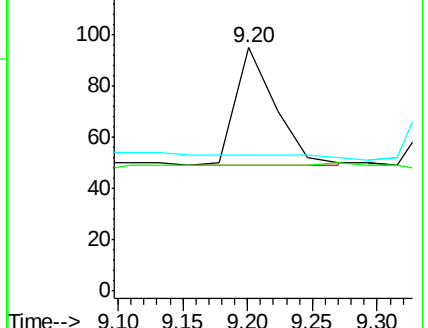
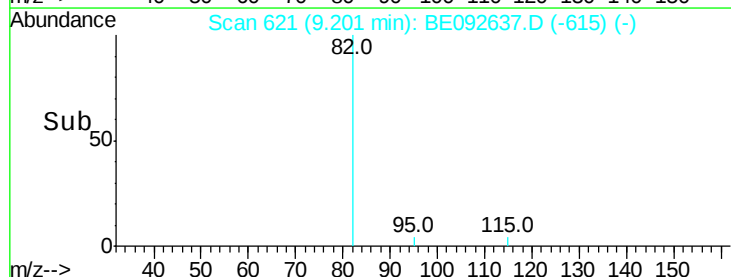
54 55.8 44.8 67.2

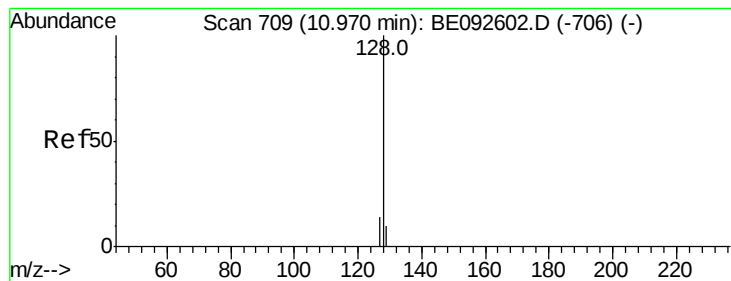


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

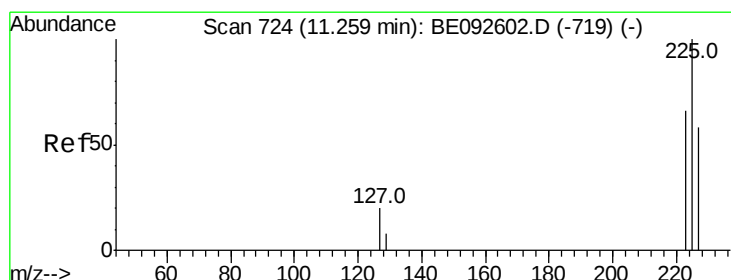
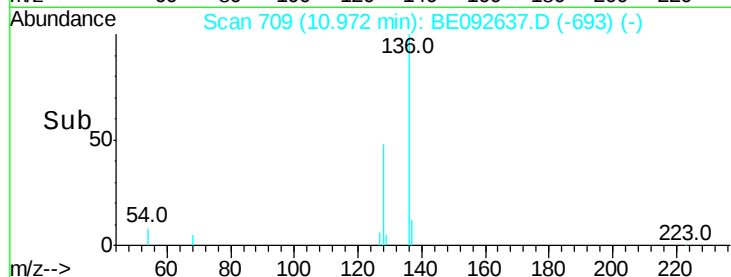
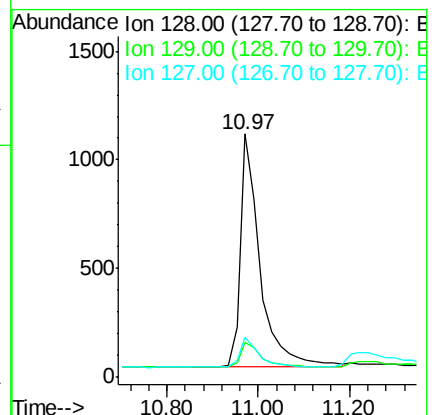
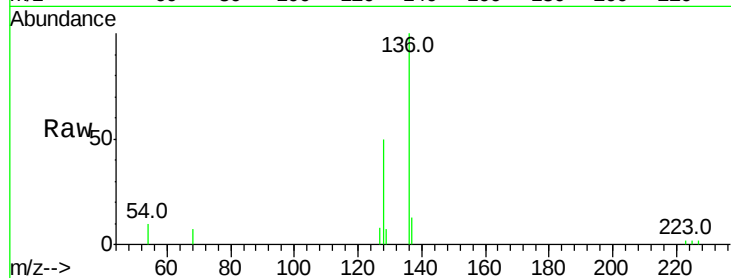
Tot Ion:128 Resp: 3219

Ion Ratio Lower Upper

128 100

129 14.2 11.2 16.8

127 16.7 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

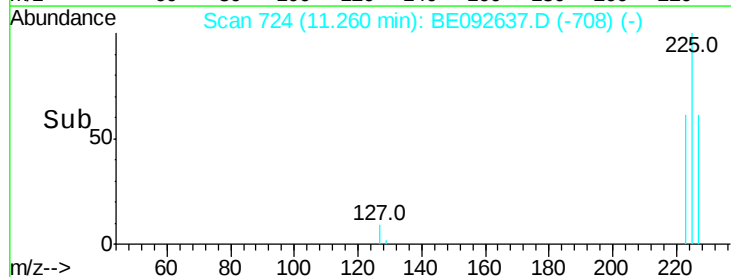
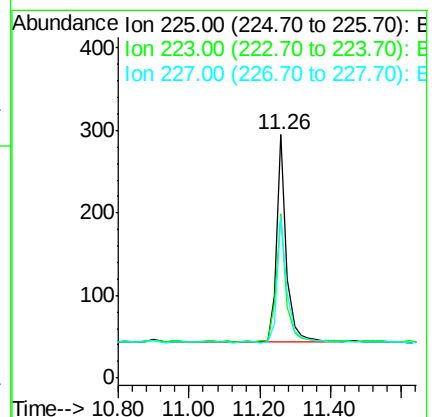
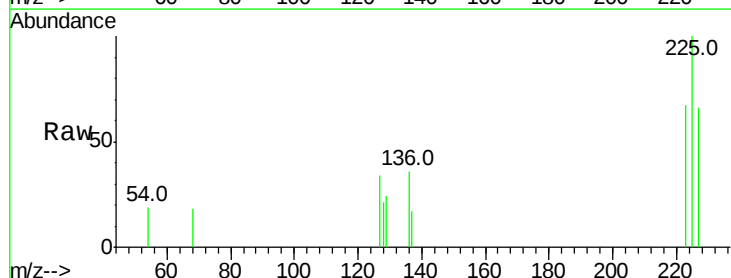
Tgt Ion:225 Resp: 482

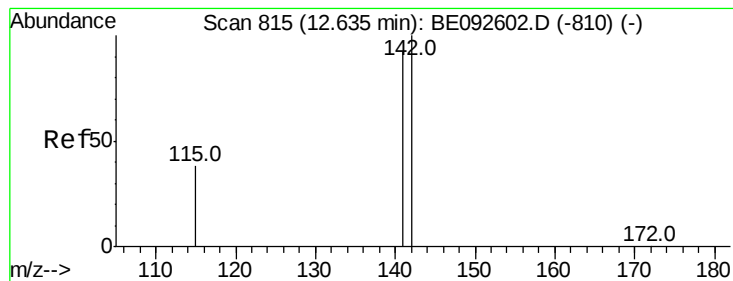
Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

227 63.9 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampled :

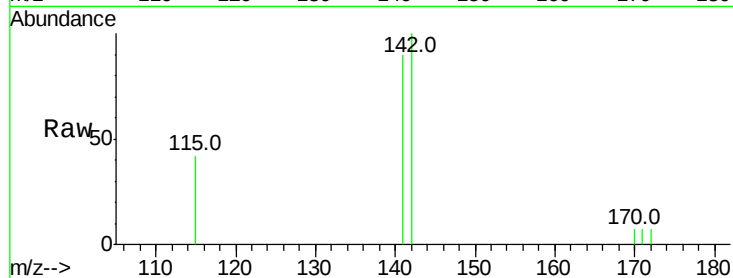
Tot Ion:142 Resp: 1902

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

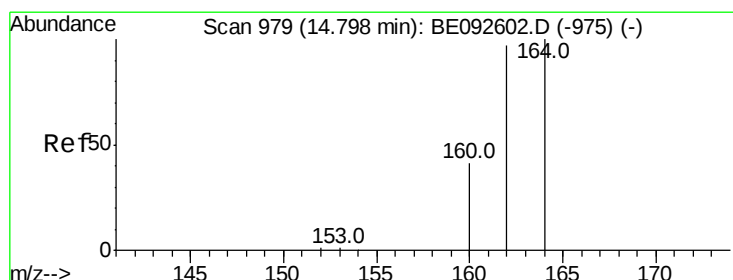
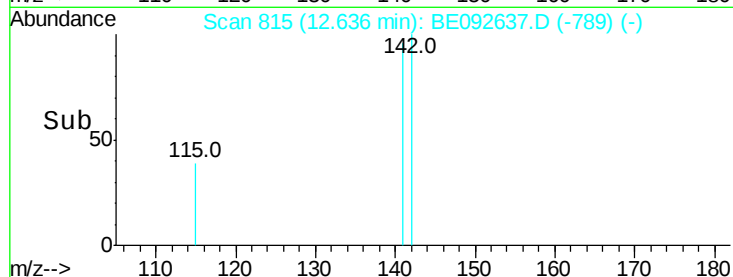
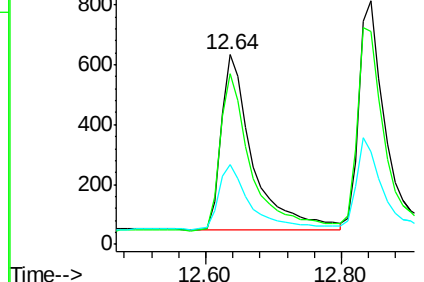
115 41.9 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

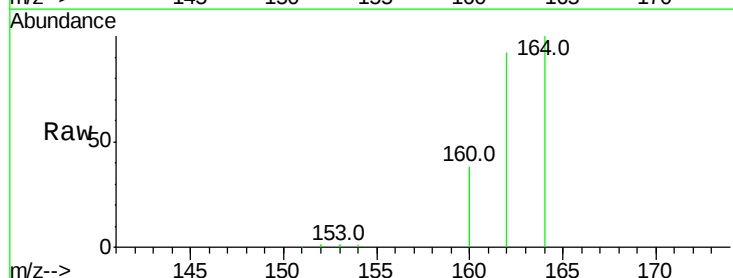
Tgt Ion:164 Resp: 29573

Ion Ratio Lower Upper

164 100

162 92.3 71.4 107.0

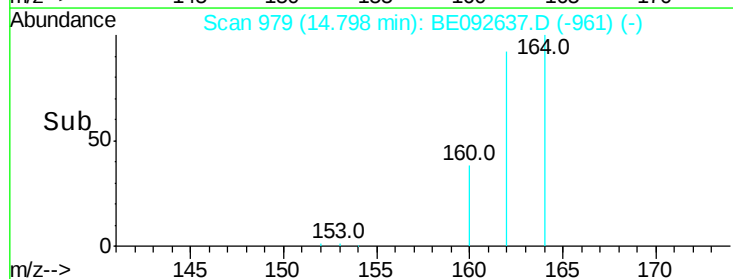
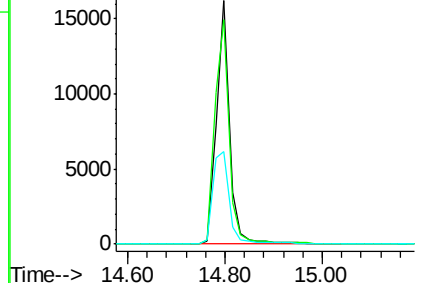
160 37.9 27.4 41.2

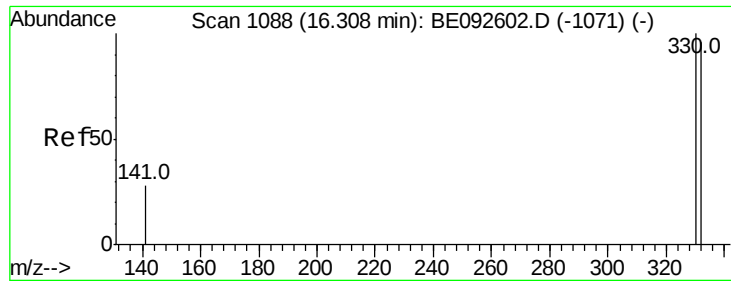


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

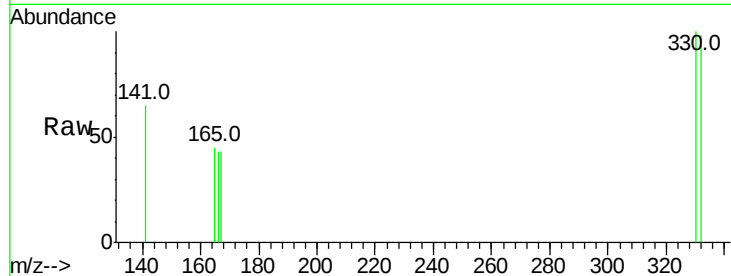




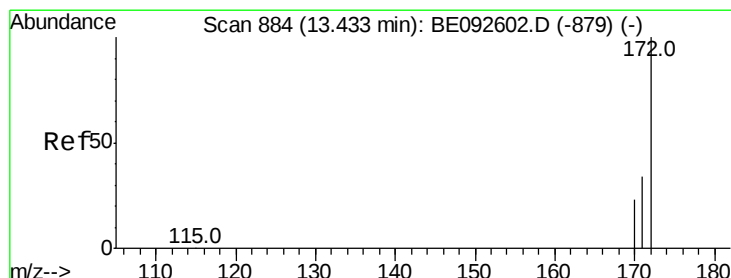
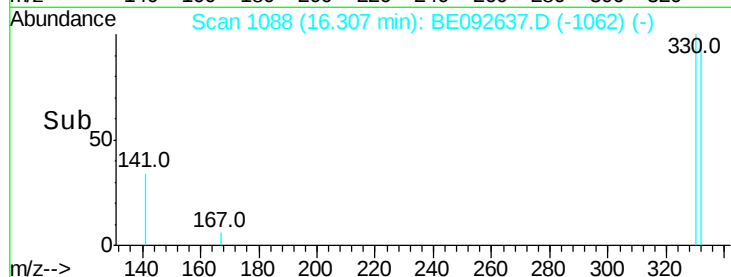
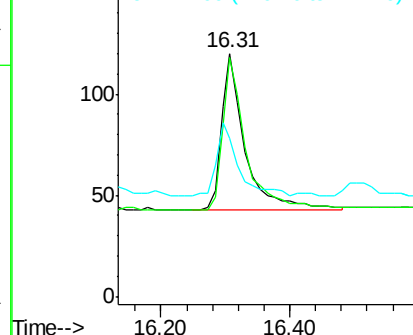
#13
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092637.D
 Acq: 11 Jan 2017 11:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.0
 141 42.8 31.0 46.6

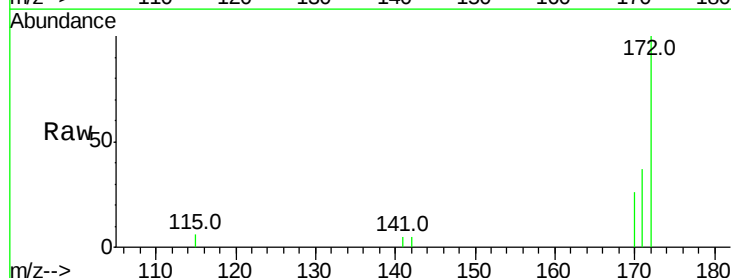


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

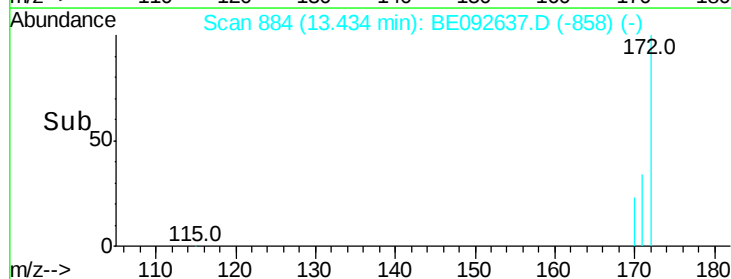
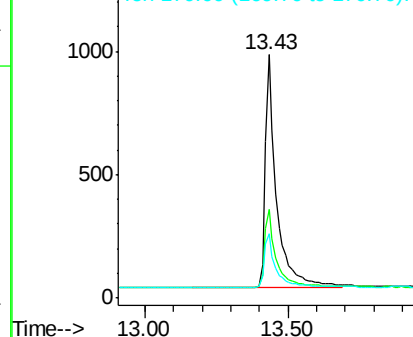


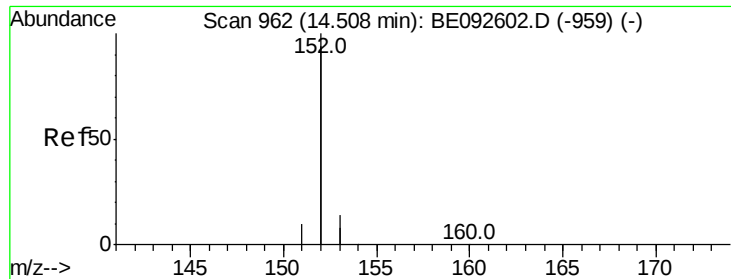
#14
 2-Fluorobiphenyl
 Concen: 0.36 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092637.D
 Acq: 11 Jan 2017 11:59

Tgt Ion:172 Resp: 2555
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 26.3 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

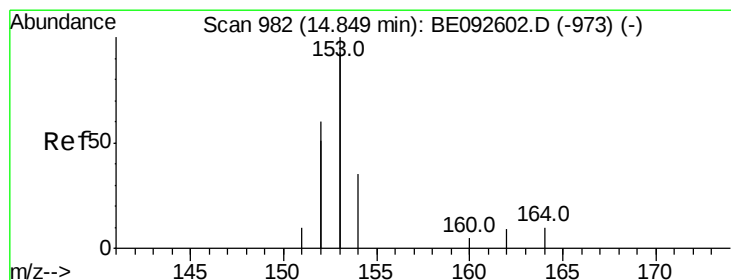
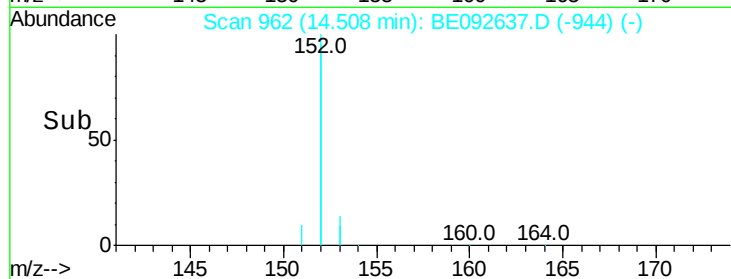
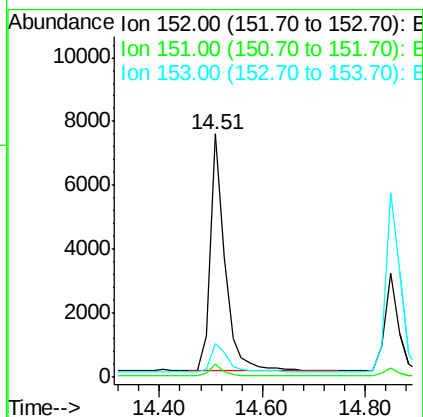
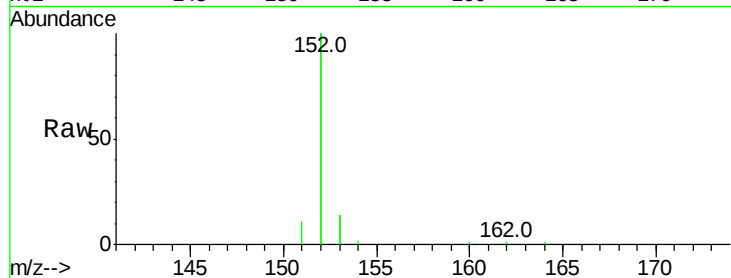




#15
Acenaphthylene
Concen: 0.35 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

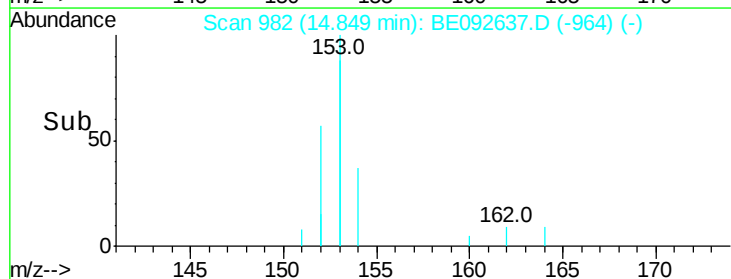
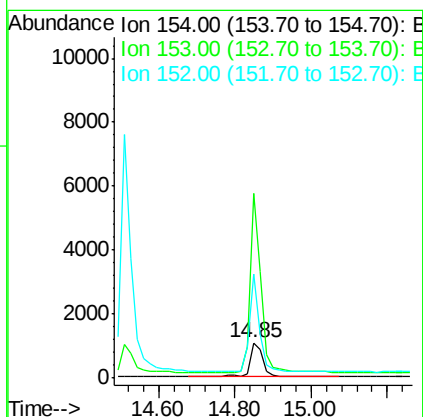
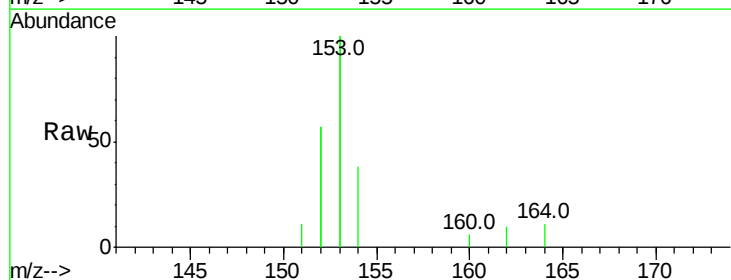
Instrument :
BNA_E
ClientSampleId :

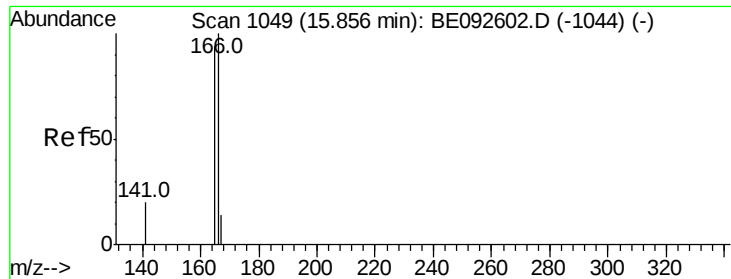
Tot Ion:152 Resp: 14339
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.2 10.4 15.6



#16
Acenaphthene
Concen: 0.36 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:154 Resp: 2435
Ion Ratio Lower Upper
154 100
153 441.3 350.8 526.2
152 232.0 171.1 256.7

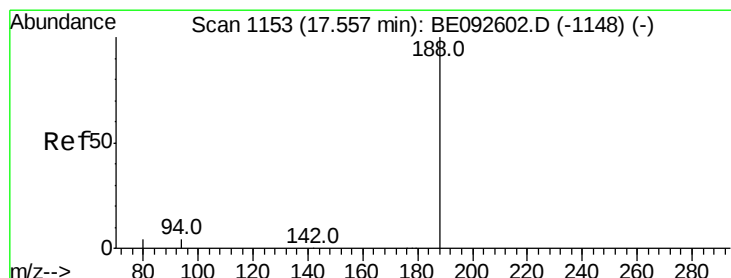
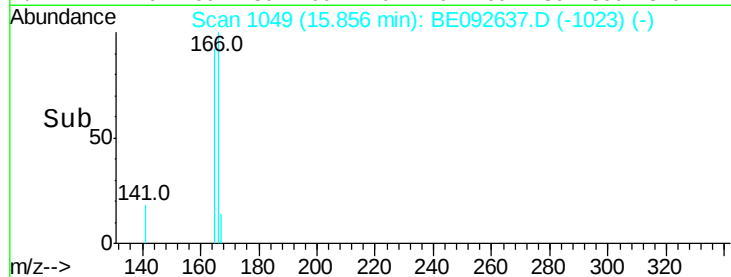
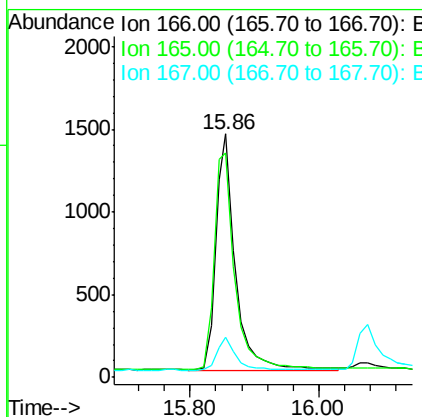
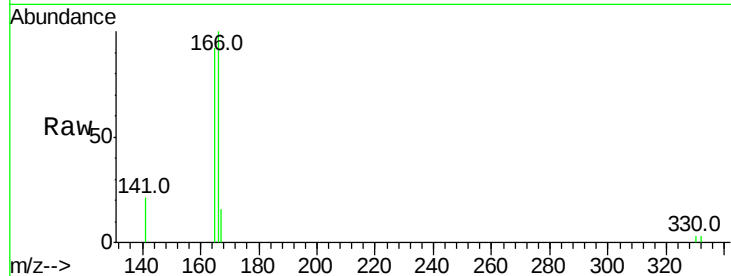




#17
Fluorene
Concen: 0.36 ng
RT: 15.86 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

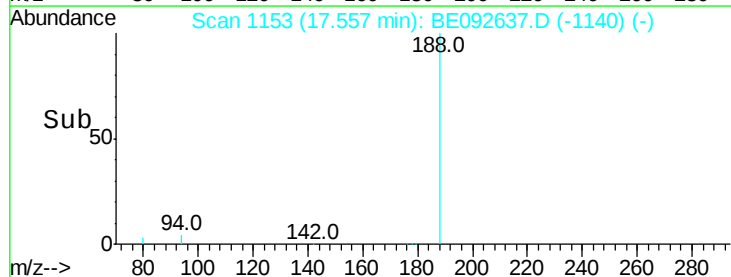
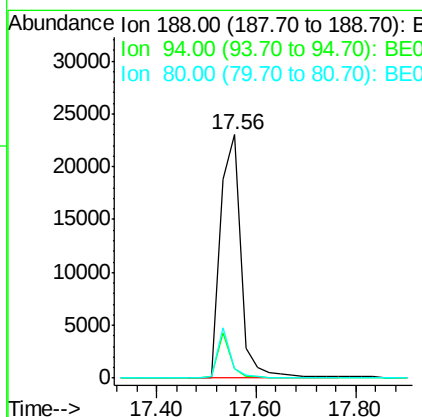
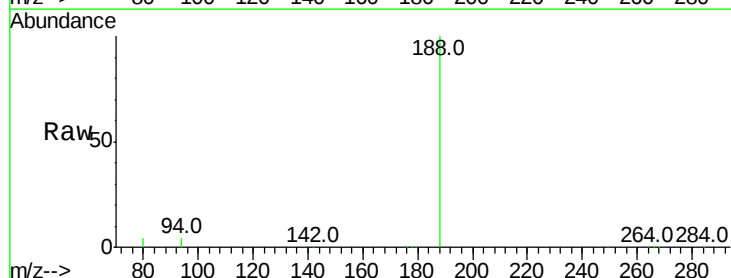
Instrument :
BNA_E
ClientSampleId :

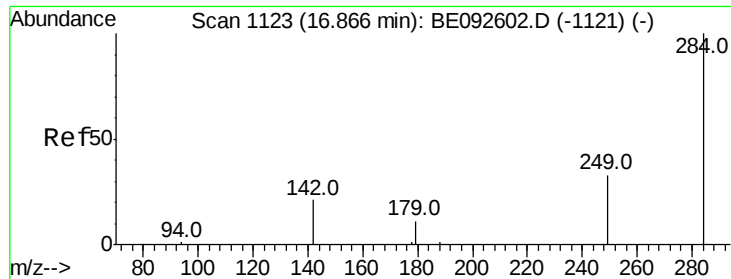
Tot Ion:166 Resp: 3006
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.4
167 13.3 11.0 16.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:188 Resp: 65161
Ion Ratio Lower Upper
188 100
94 4.0 3.2 4.8
80 3.6 2.6 3.8





#19

Hexachlorobenzene

Concen: 0.77 ng

RT: 16.87 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

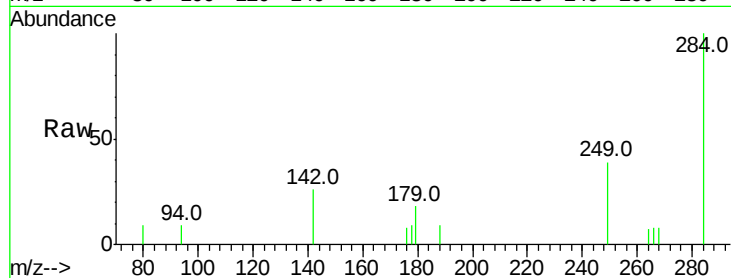
Tot Ion:284 Resp: 2148

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

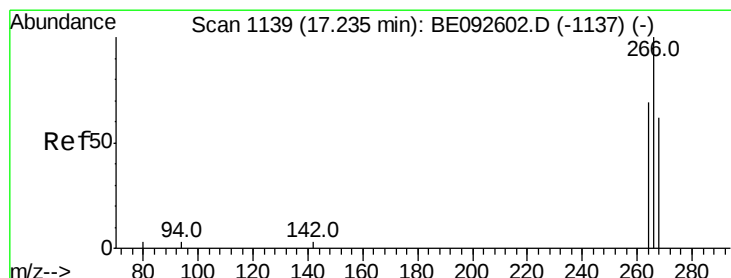
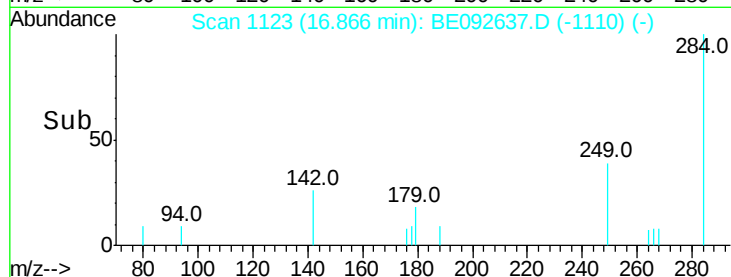
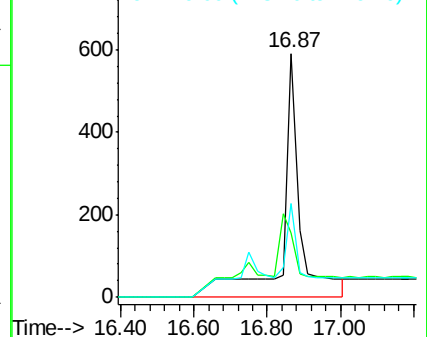
249 20.5 27.9 41.9#



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: 0.37 ng

RT: 17.23 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

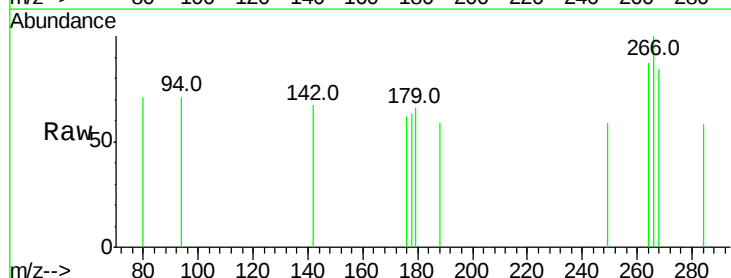
Tgt Ion:266 Resp: 134

Ion Ratio Lower Upper

266 100

268 84.2 62.5 93.7

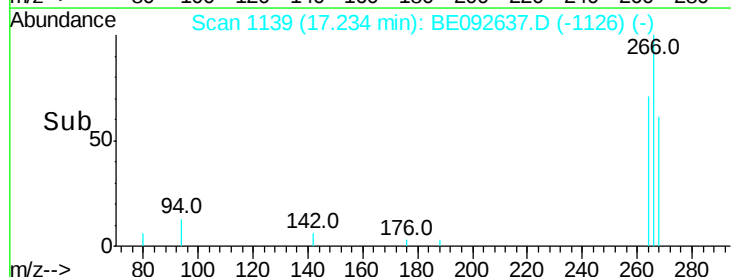
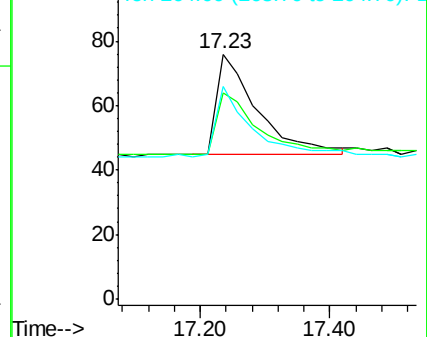
264 86.8 57.2 85.8#

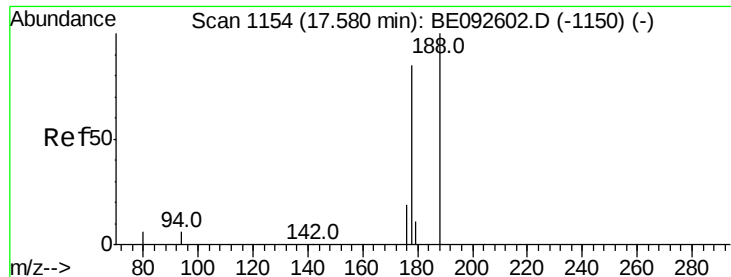


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.36 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

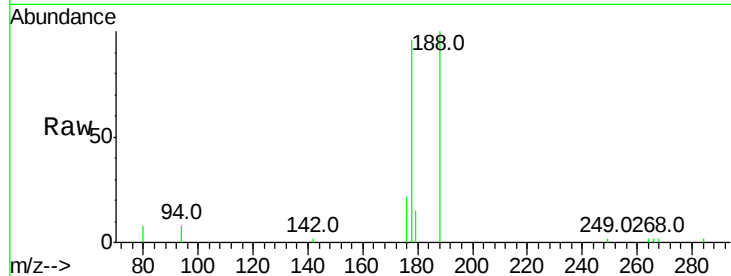
Tot Ion:178 Resp: 5860

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

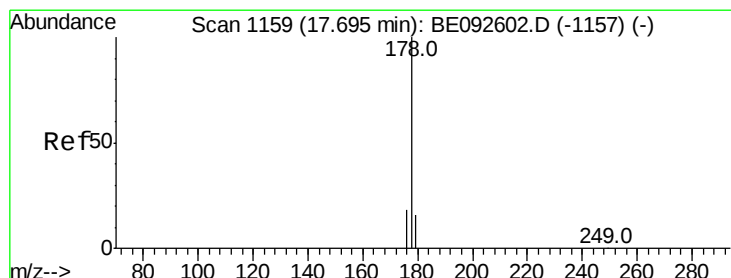
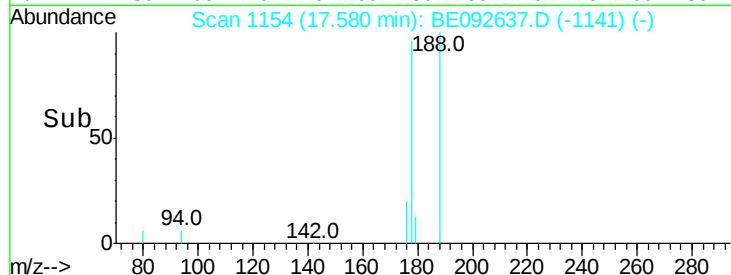
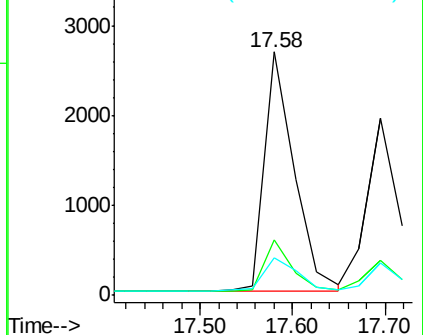
179 15.9 16.0 24.0#



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: 0.33 ng

RT: 17.70 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

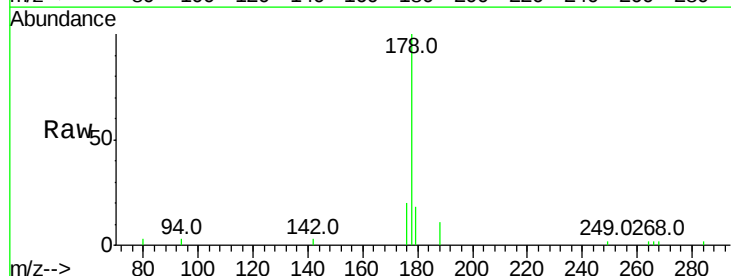
Tgt Ion:178 Resp: 5016

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

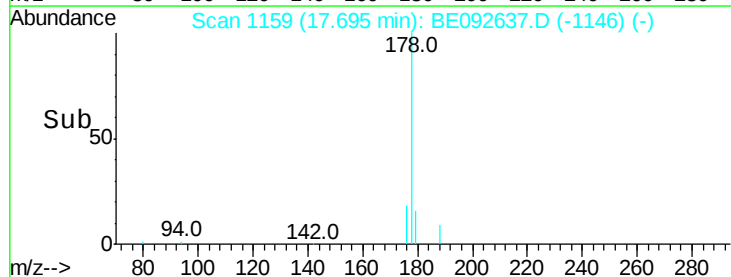
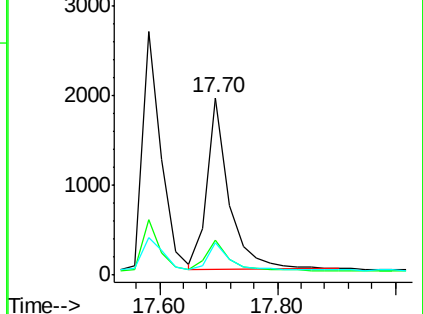
179 15.9 12.2 18.2

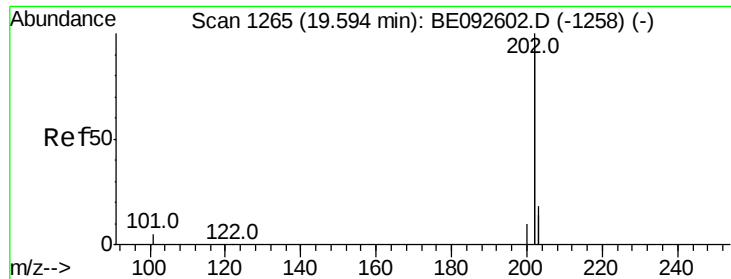


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.34 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

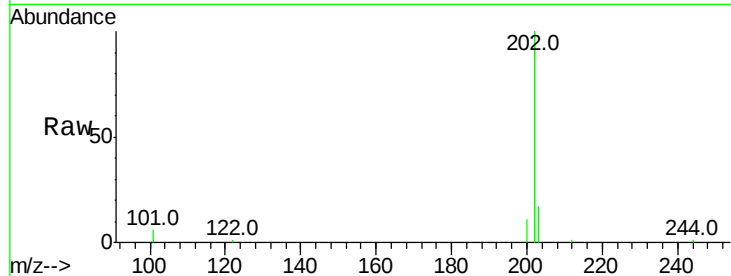
Tot Ion:202 Resp: 24152

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

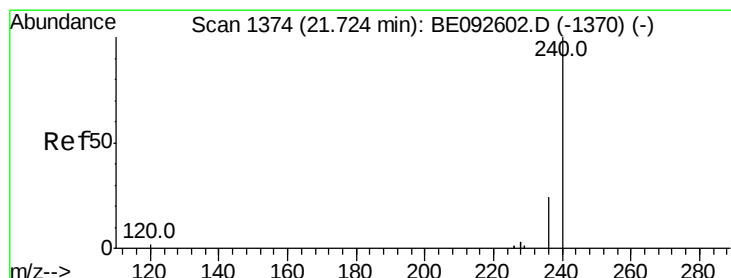
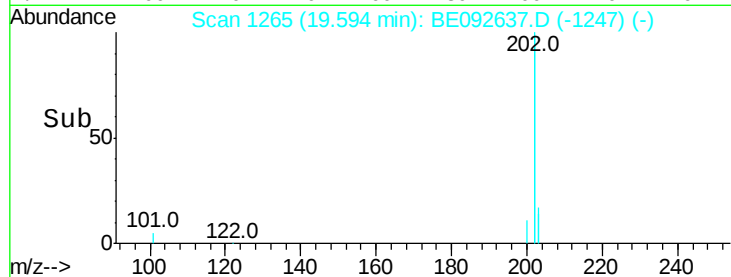
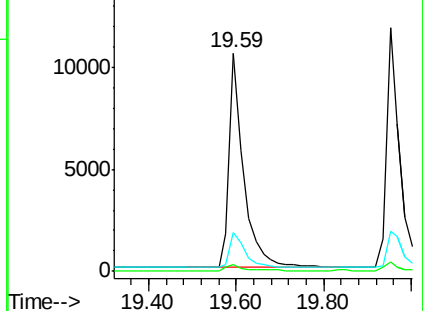
203 17.5 13.7 20.5



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: BE092637.D

Acq: 11 Jan 2017 11:59

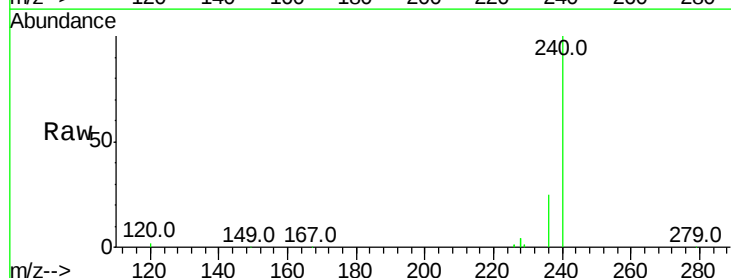
Tgt Ion:240 Resp: 82688

Ion Ratio Lower Upper

240 100

120 1.9 2.6 4.0#

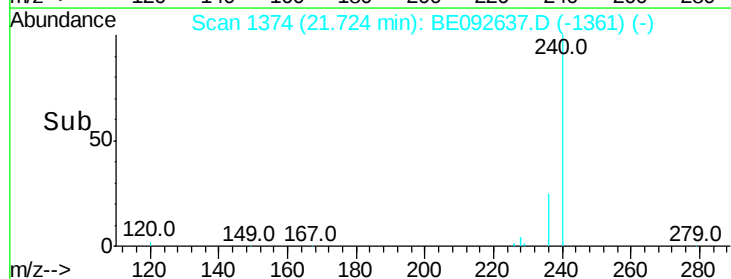
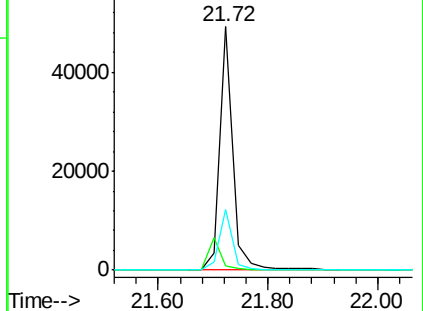
236 25.0 24.6 37.0

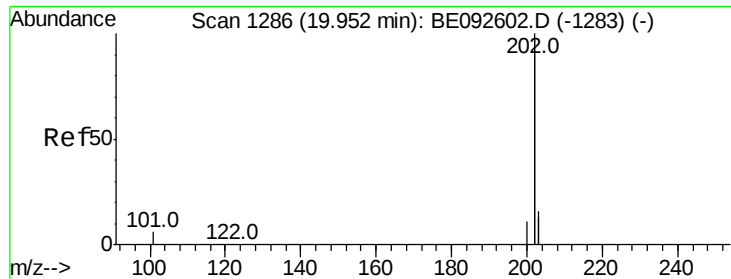


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

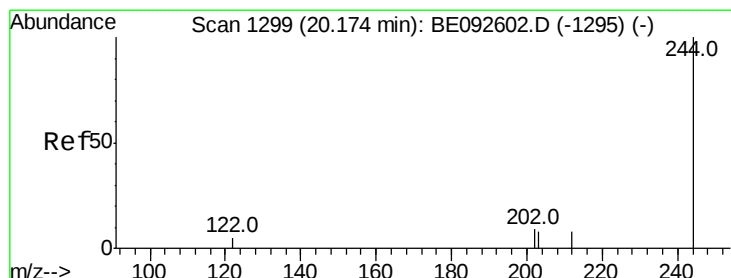
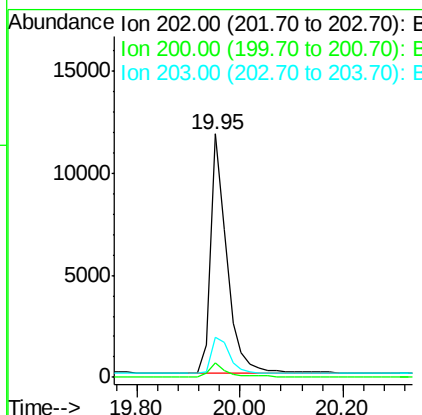
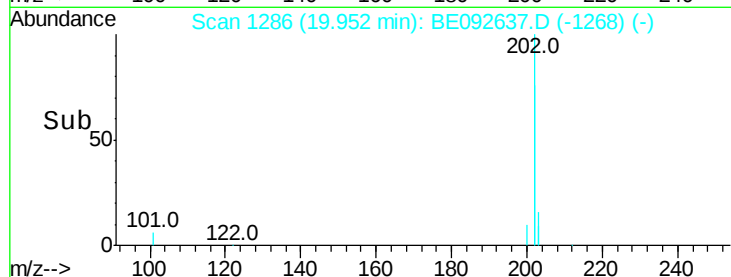
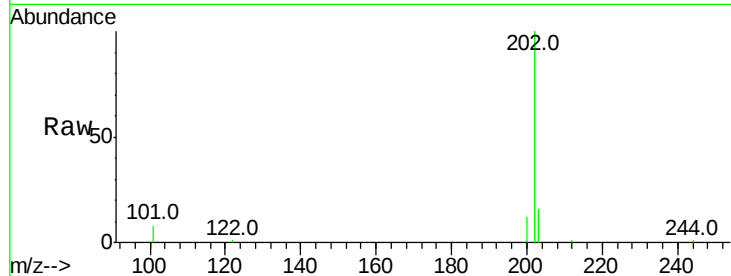




#25
Pvrene
Concen: 0.35 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

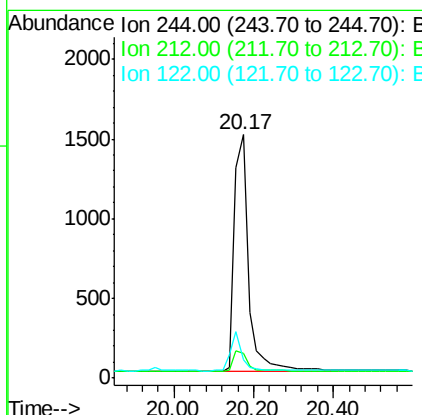
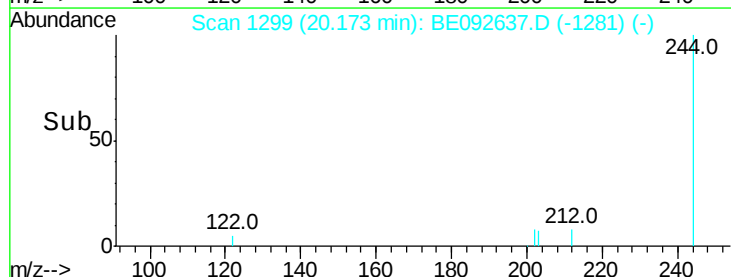
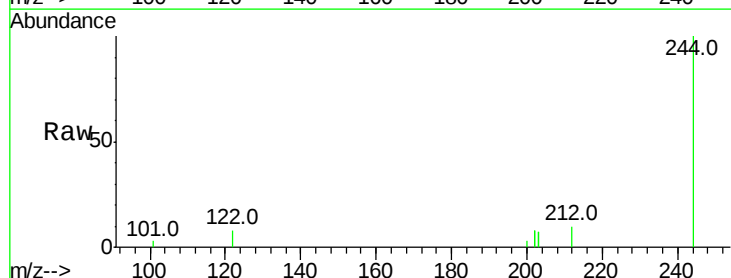
Instrument :
BNA_E
ClientSampleId :

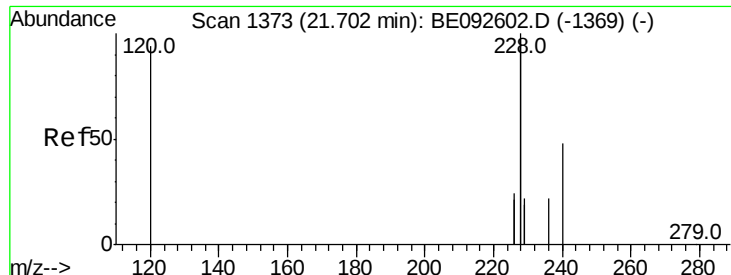
Tot Ion:202 Resp: 25369
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.6 13.9 20.9



#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:244 Resp: 3665
Ion Ratio Lower Upper
244 100
212 10.2 6.7 10.1#
122 7.7 3.6 5.4#

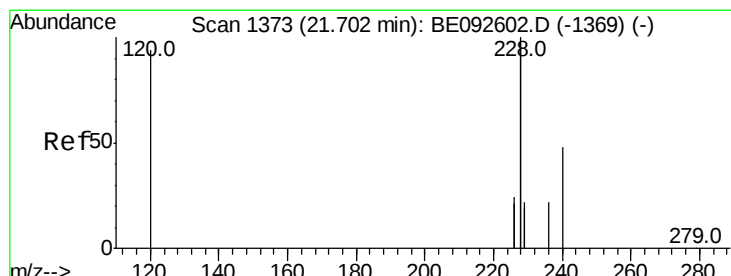
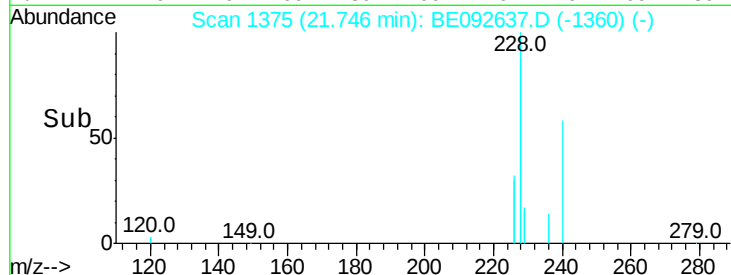
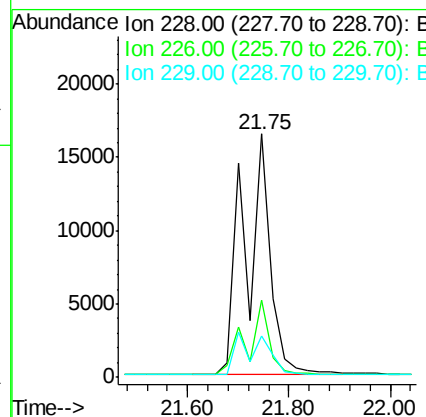
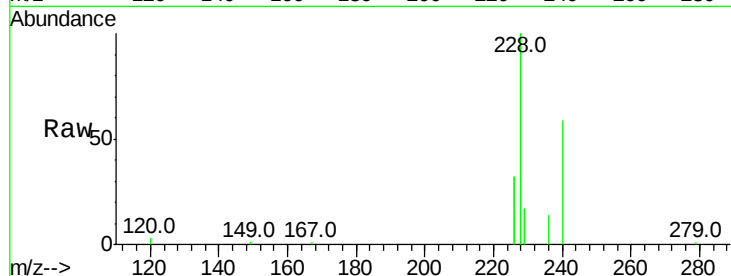




#27
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.04 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

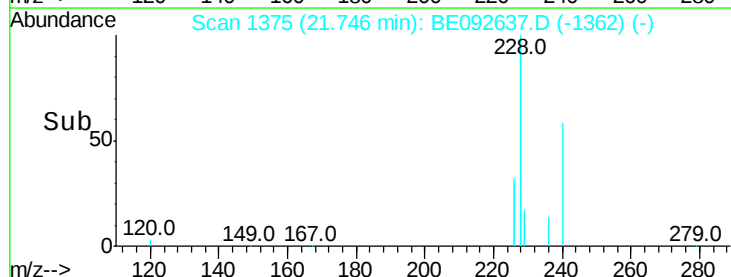
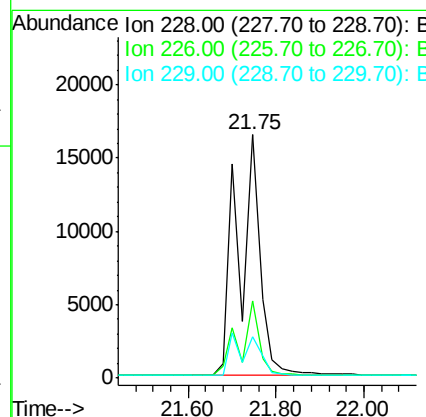
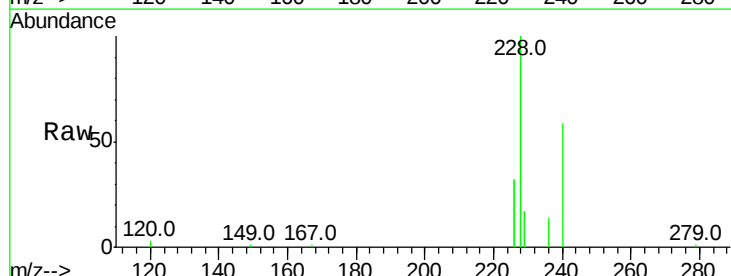
Instrument :
BNA_E
ClientSampleId :

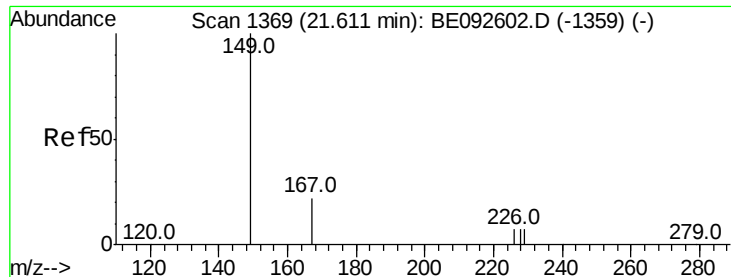
Tot Ion:228 Resp: 58104
Ion Ratio Lower Upper
228 100
226 31.9 23.6 35.4
229 16.9 13.3 19.9



#28
Chrysene
Concen: 0.68 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:228 Resp: 58376
Ion Ratio Lower Upper
228 100
226 31.9 36.3 54.5#
229 16.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

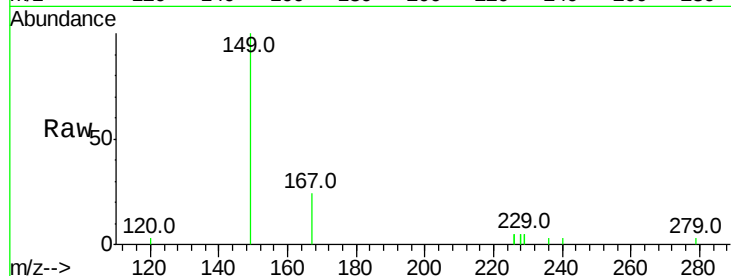
Tot Ion:149 Resp: 2444

Ion Ratio Lower Upper

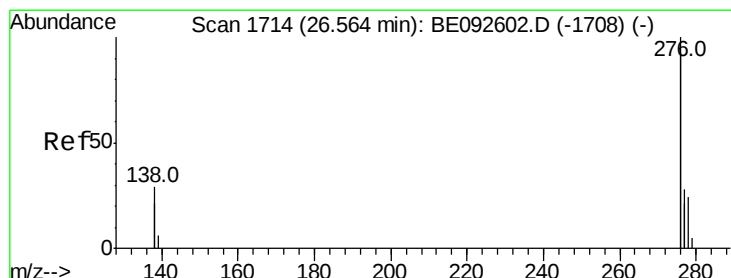
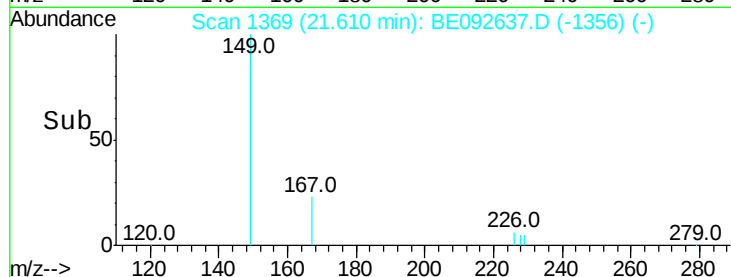
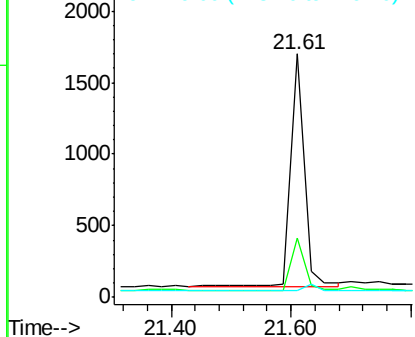
149 100

167 22.8 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: 0.33 ng

RT: 26.56 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

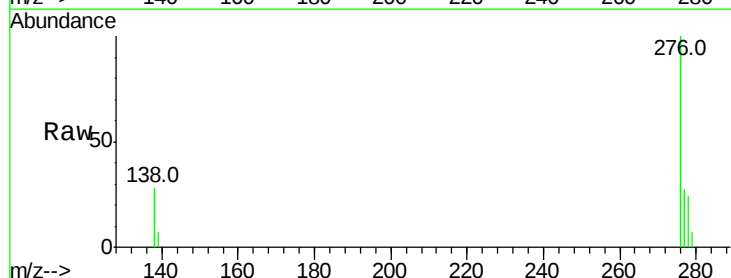
Tgt Ion:276 Resp: 25529

Ion Ratio Lower Upper

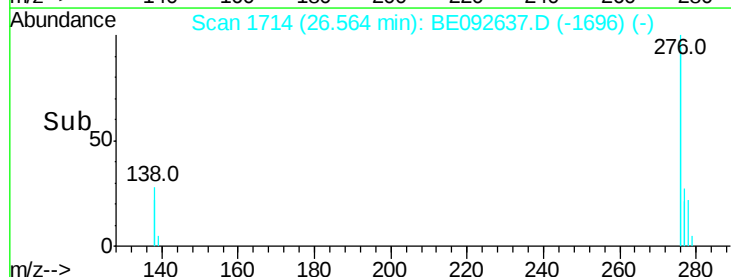
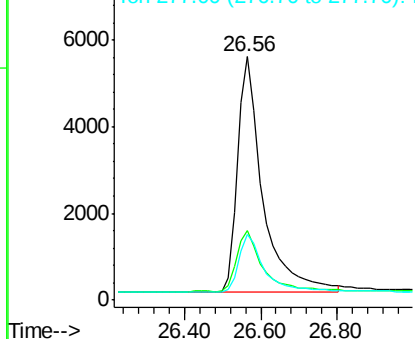
276 100

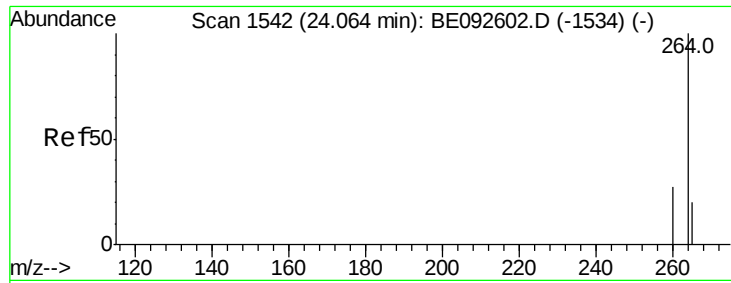
138 26.5 20.3 30.5

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



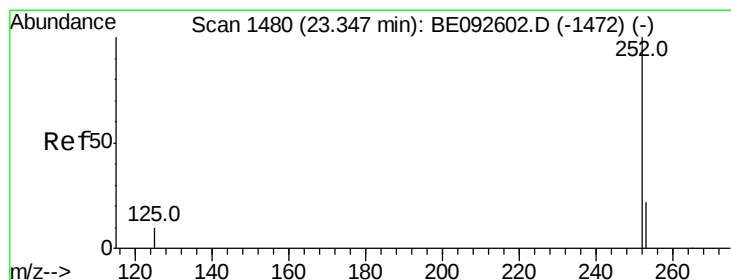
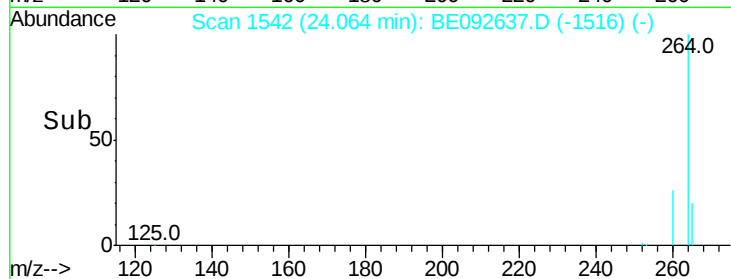
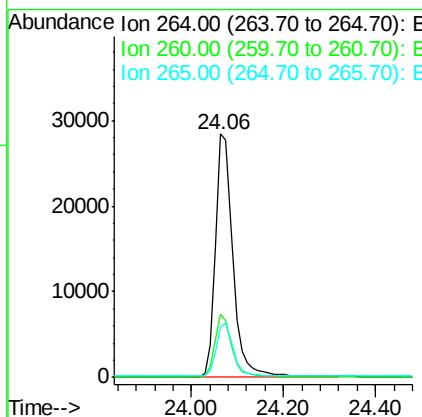
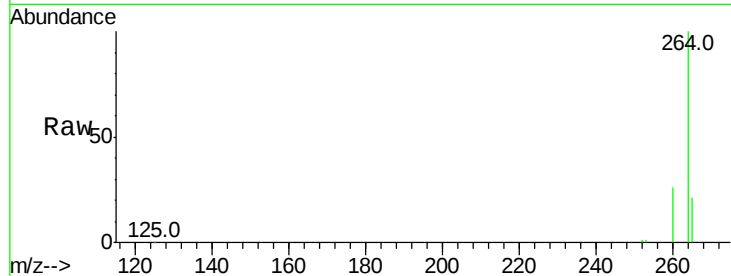


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 74368

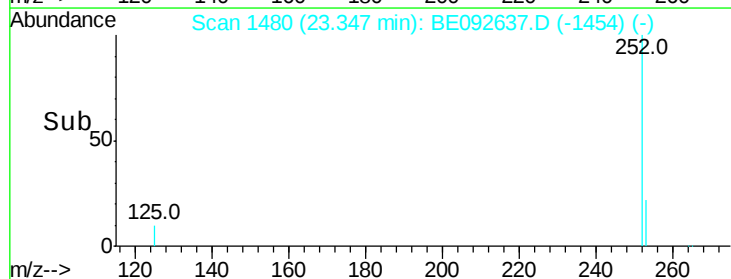
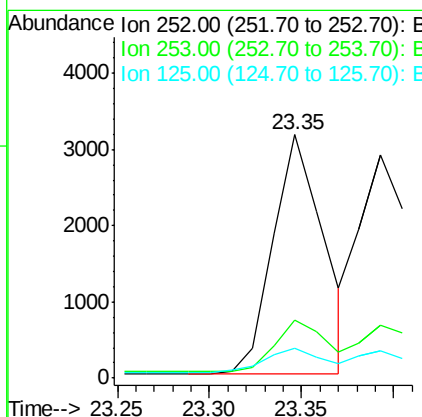
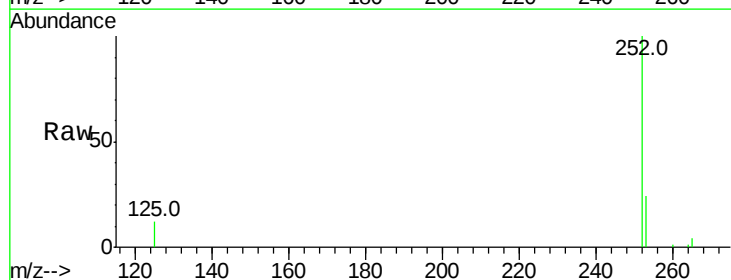
Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	20.8	17.9	26.9

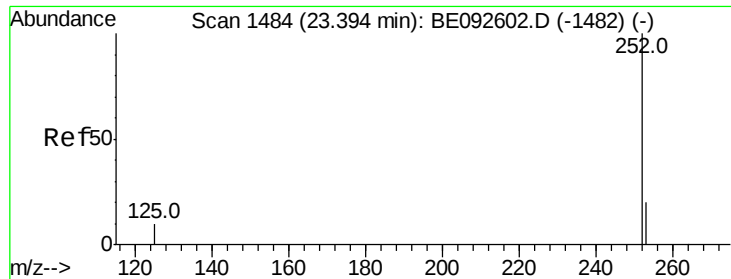


#32
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:252 Resp: 5949

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	12.3	10.5	15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

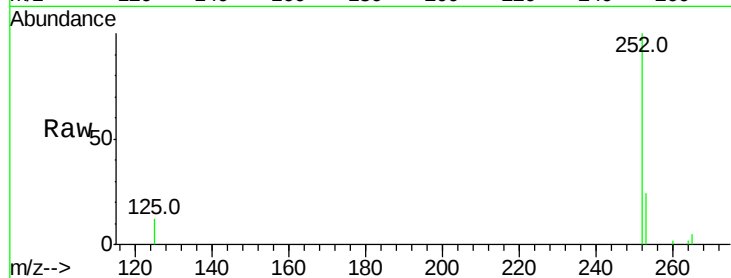
Tot Ion:252 Resp: 6853

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

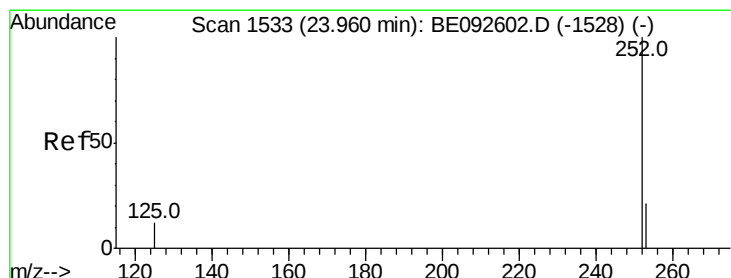
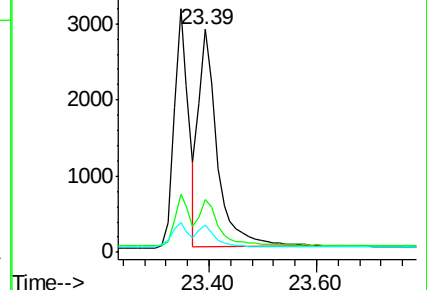
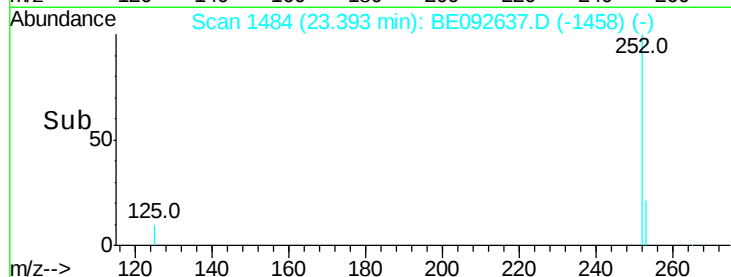
125 12.3 9.6 14.4



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: 0.34 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

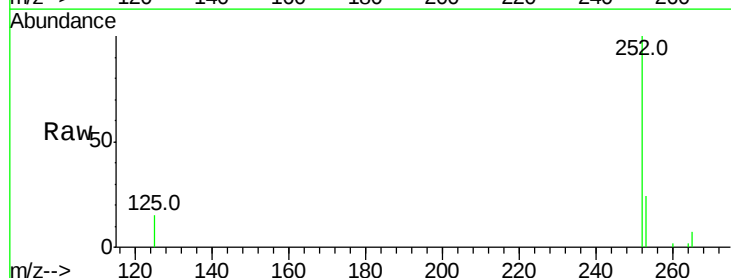
Tgt Ion:252 Resp: 5603

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.6

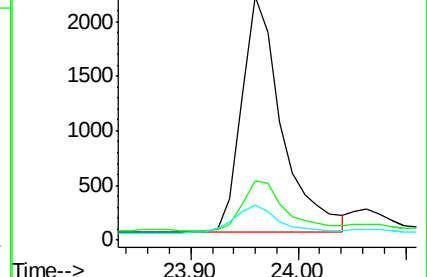
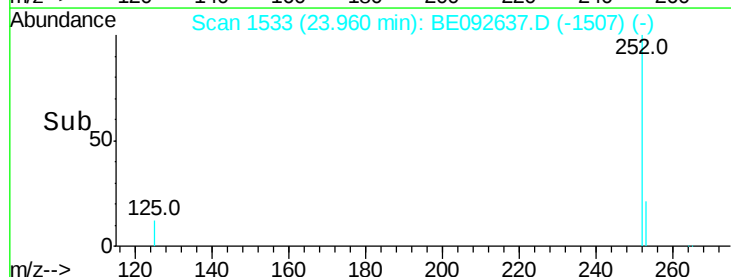
125 14.6 11.8 17.8

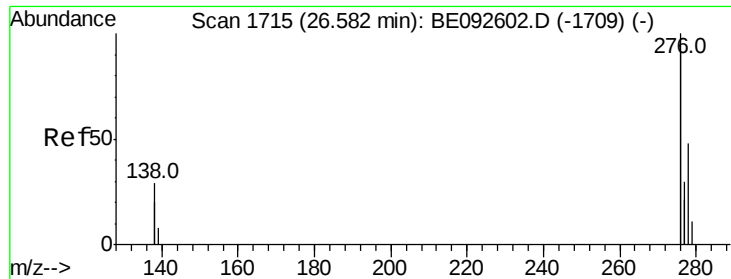


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.32 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

Instrument :

BNA_E

ClientSampleId :

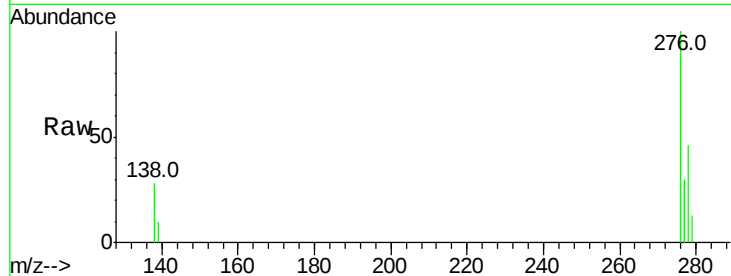
Tot Ion:278 Resp: 5026

Ion Ratio Lower Upper

278 100

139 22.2 13.8 20.8#

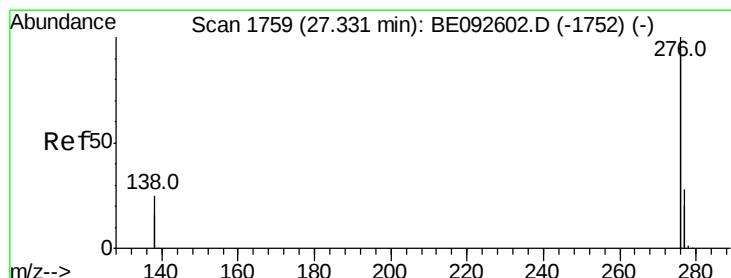
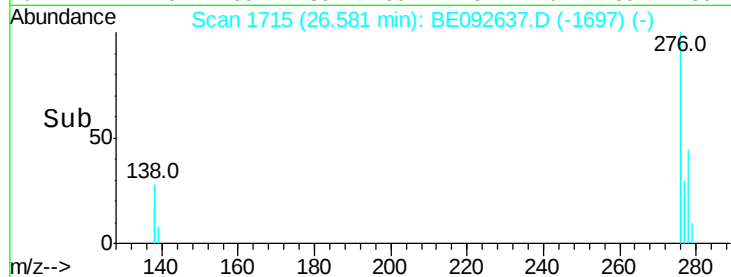
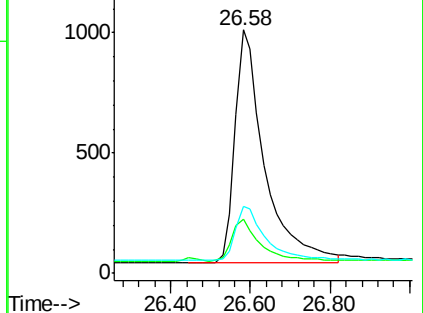
279 27.5 21.4 32.2



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: 0.34 ng

RT: 27.33 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BE092637.D

Acq: 11 Jan 2017 11:59

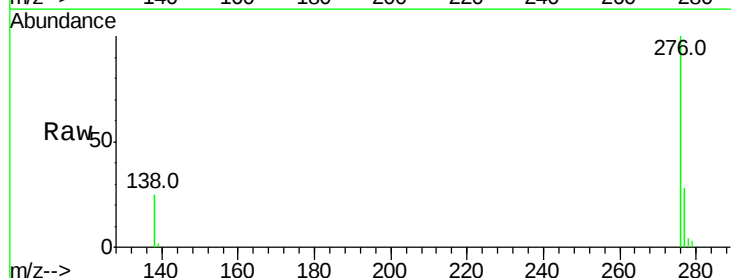
Tgt Ion:276 Resp: 22901

Ion Ratio Lower Upper

276 100

277 27.9 19.8 29.8

138 24.6 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

