

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091805.D
 Acq On : 19 May 2016 11:57
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 13:18:51 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 13:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	21185	5.00	ng	0.00
7) Naphthalene-d8	10.55	136	107628	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	73219	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	222674	5.00	ng	0.00
26) Chrysene-d12	21.29	240	285652	5.00	ng	0.00
35) Perylene-d12	23.73	264	235857	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4863	0.93	ng	0.00
5) Phenol-d6	6.95	99	6672	0.97	ng	0.00
8) Nitrobenzene-d5	8.95	82	6424	0.92	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	2472	1.08	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	18697	0.90	ng	-0.01
29) Terphenyl-d14	19.74	244	34748	0.78	ng	0.00

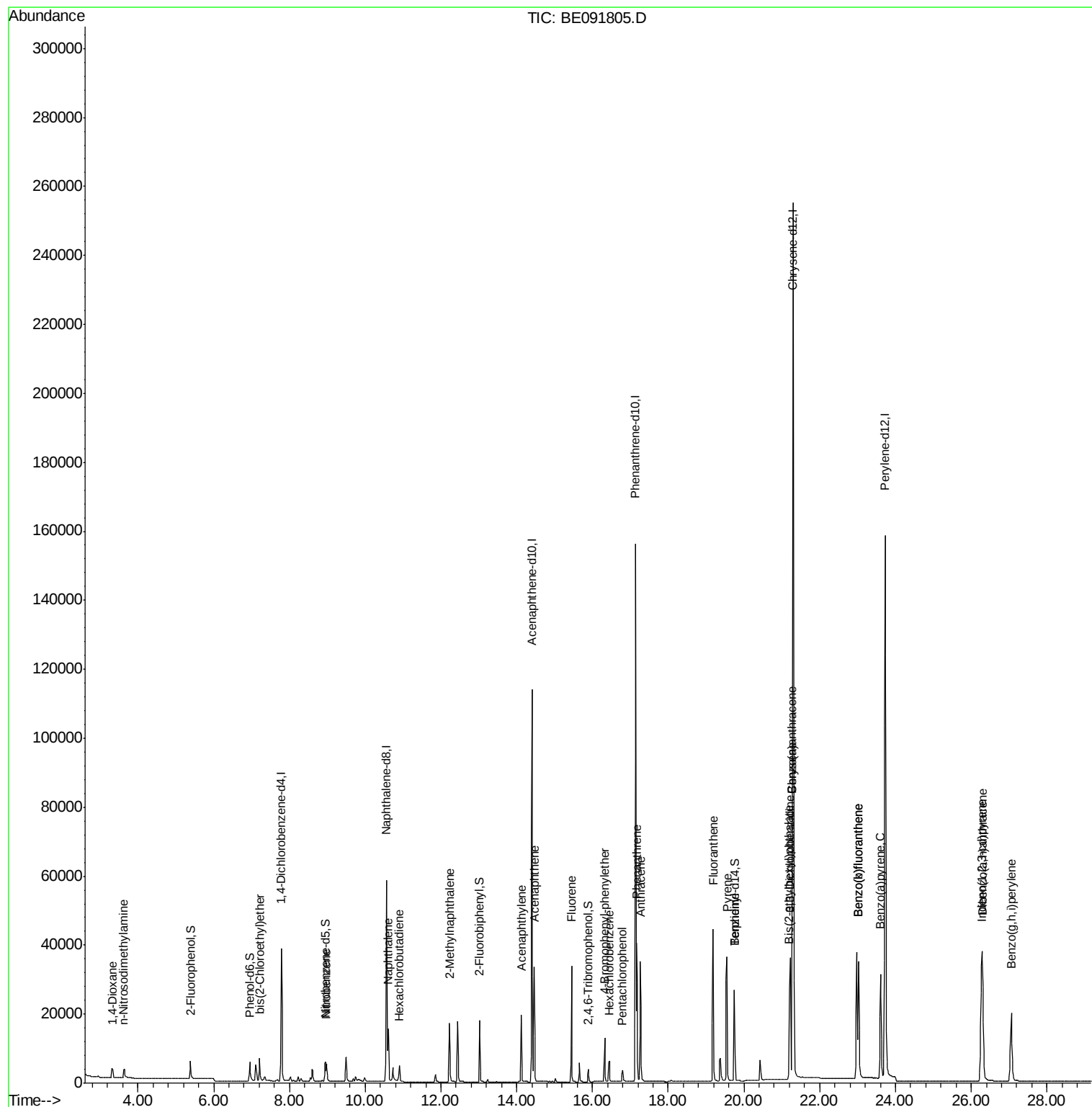
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2399	0.75	ng	96
3) n-Nitrosodimethylamine	3.62	42	3062	0.80	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	5528	0.91	ng	# 77
9) Nitrobenzene	8.98	77	6553	0.90	ng	95
10) Naphthalene	10.61	128	21014	0.97	ng	99
11) Hexachlorobutadiene	10.90	225	4071	1.27	ng	92
12) 2-Methylnaphthalene	12.22	142	14197	1.02	ng	94
16) Acenaphthylene	14.12	152	29683	1.05	ng	# 81
17) Acenaphthene	14.46	154	16803	0.92	ng	87
18) Fluorene	15.44	166	22516	0.99	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	6971	0.87	ng	93
21) Hexachlorobenzene	16.45	284	7193	0.90	ng	98
22) Pentachlorophenol	16.79	266	3042	0.81	ng	91
23) Phenanthrene	17.17	178	44344	0.88	ng	99
24) Anthracene	17.26	178	40385	0.89	ng	99
25) Fluoranthene	19.19	202	50160	0.95	ng	# 96
27) Benzidine	19.74	184	554	0.03	ng	95
28) Pyrene	19.55	202	51869	0.80	ng	100
30) Benzo(a)anthracene	21.27	228	109561	1.57	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	34884	0.98	ng	# 85
32) Chrysene	21.27	228	110264	1.52	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	23286	1.10	ng	# 79
34) Indeno(1,2,3-cd)pyrene	26.27	276	59037	0.91	ng	95
36) Benzo(b)fluoranthene	23.02	252	53239	0.96	ng	98
37) Benzo(k)fluoranthene	23.02	252	54153	0.96	ng	97
38) Benzo(a)pyrene	23.61	252	50166	0.96	ng	97
39) Dibenzo(a,h)anthracene	26.29	278	48887	0.99	ng	96
40) Benzo(g,h,i)perylene	27.06	276	50433	1.01	ng	95

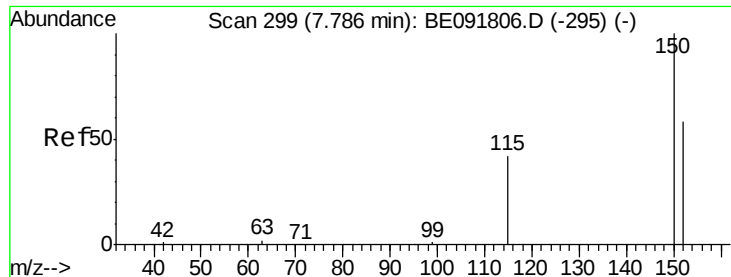
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 19 13:16:38 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

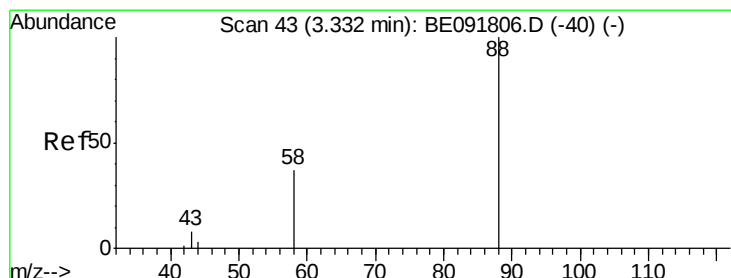
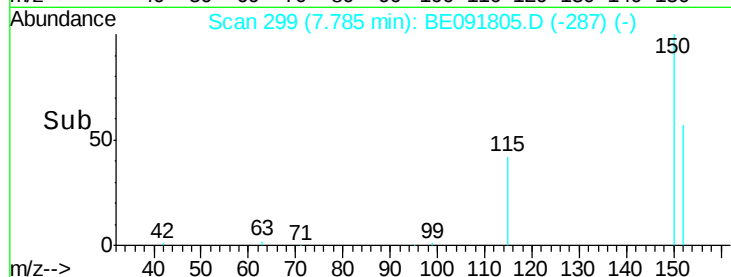
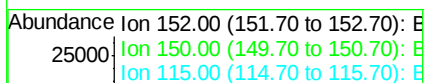
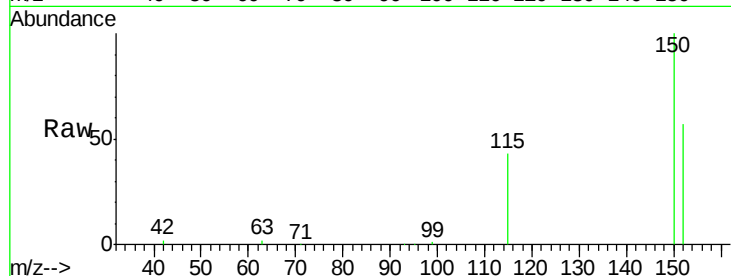
Tot Ion:152 Resp: 21185

Ion Ratio Lower Upper

152 100

150 176.1 122.6 183.8

115 75.0 52.8 79.2



#2

1,4-Dioxane

Concen: 0.75 ng

RT: 3.33 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

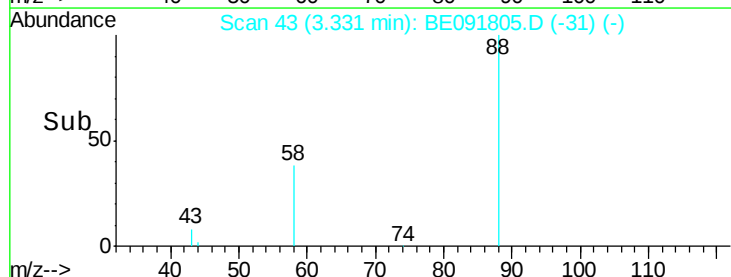
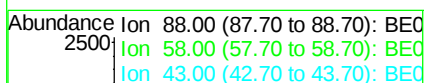
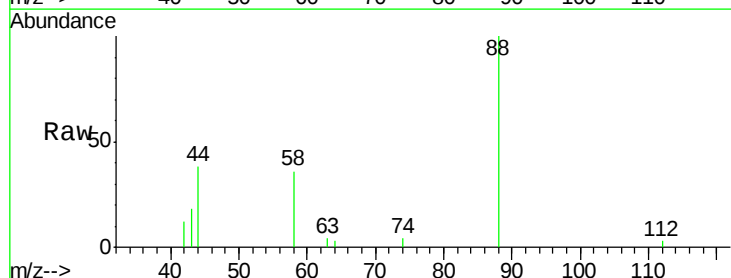
Tgt Ion: 88 Resp: 2399

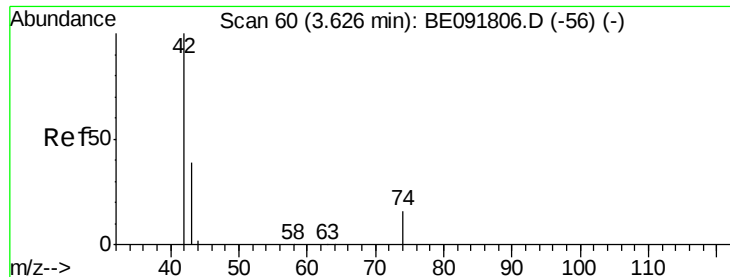
Ion Ratio Lower Upper

88 100

58 84.4 65.8 98.6

43 36.8 25.3 37.9



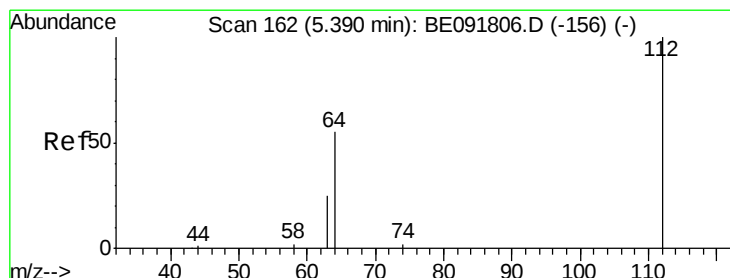
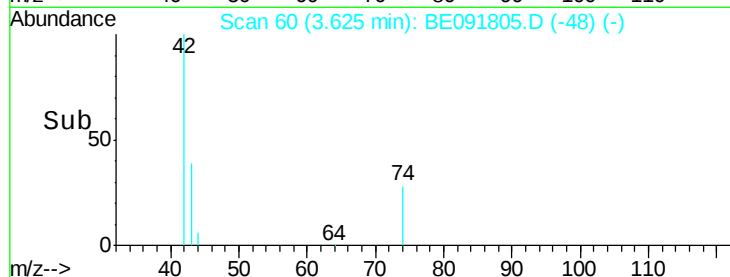
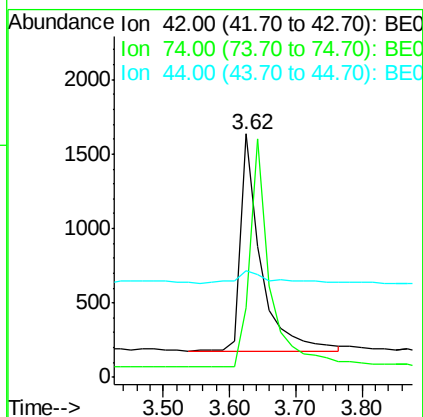
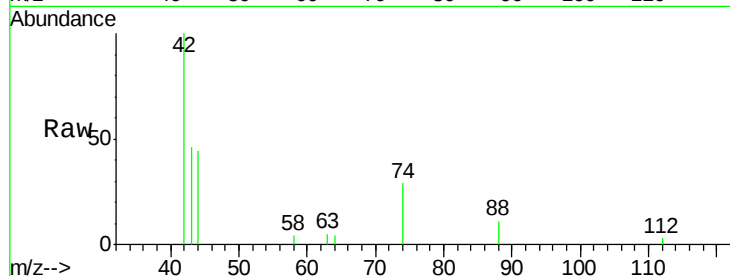


#3

n-Nitrosodimethylamine
Concen: 0.80 ng
RT: 3.62 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Instrument :
BNA_E
ClientSampleId :

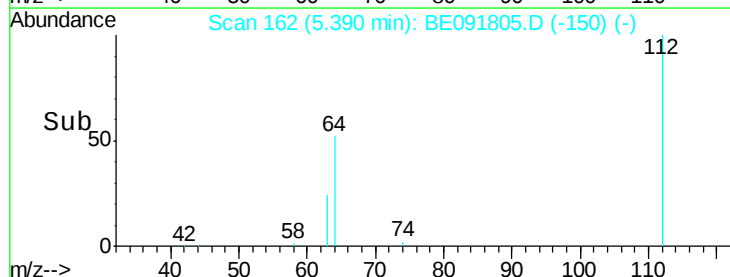
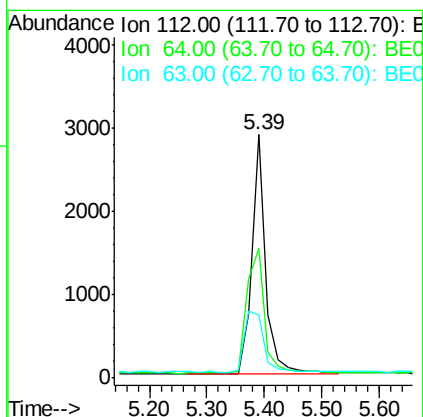
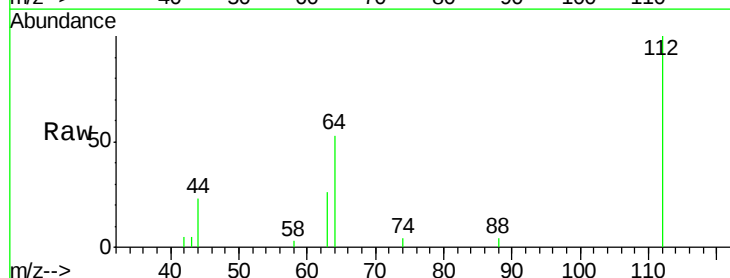
Tot Ion: 42 Resp: 3062
Ion Ratio Lower Upper
42 100
74 105.8 87.9 131.9
44 11.4 6.6 9.8#

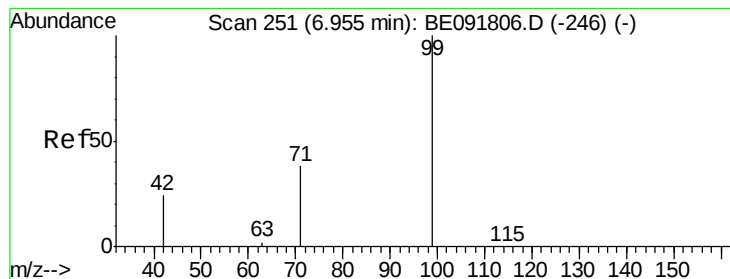


#4

2-Fluorophenol
Concen: 0.93 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion: 112 Resp: 4863
Ion Ratio Lower Upper
112 100
64 67.0 30.9 46.3#
63 35.2 16.7 25.1#





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampled :

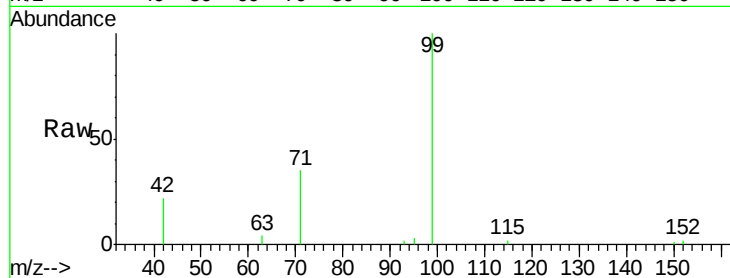
Tot Ion: 99 Resp: 6672

Ion Ratio Lower Upper

99 100

42 24.6 16.2 24.2#

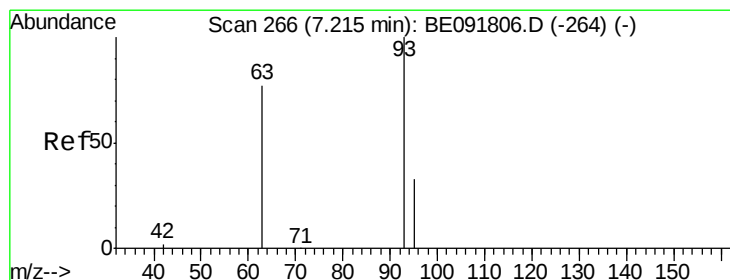
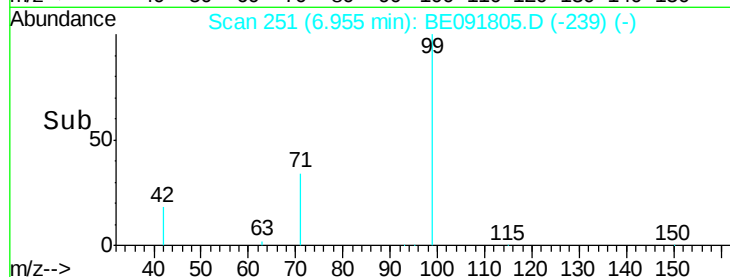
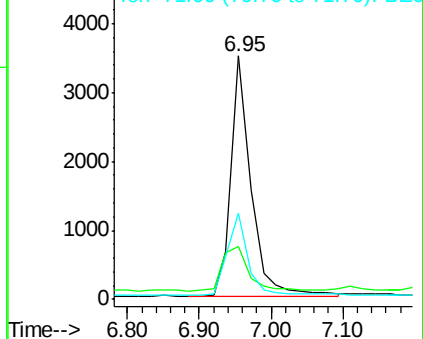
71 35.9 29.0 43.4



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: 0.91 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

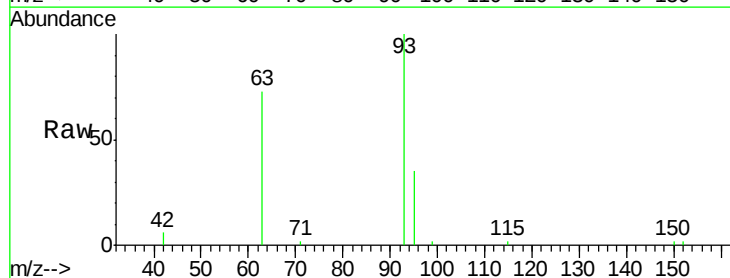
Tgt Ion: 93 Resp: 5528

Ion Ratio Lower Upper

93 100

63 84.6 49.5 74.3#

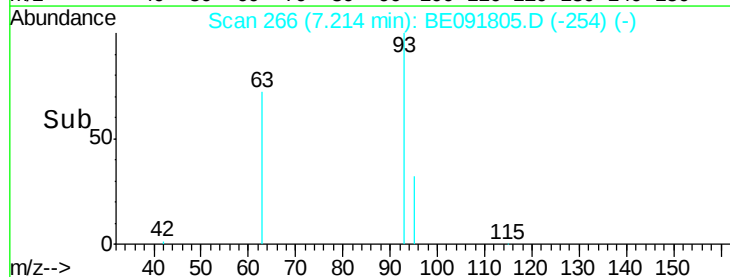
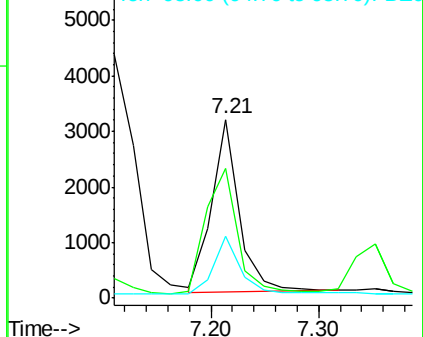
95 32.8 22.2 33.4

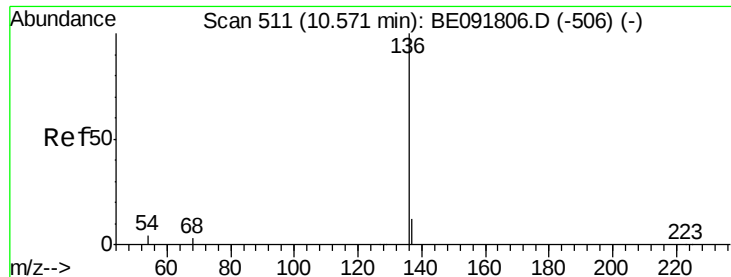


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 107628

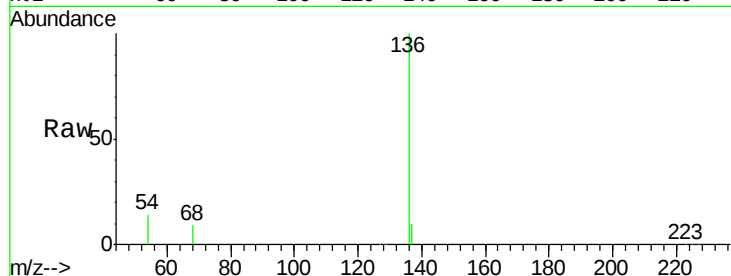
Ion Ratio Lower Upper

136 100

137 9.8 8.9 13.3

54 14.0 8.2 12.4#

68 9.5 6.2 9.4#

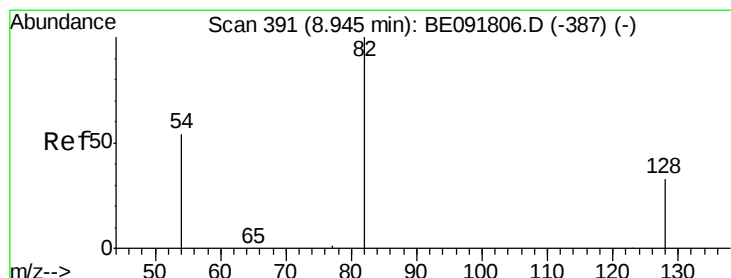
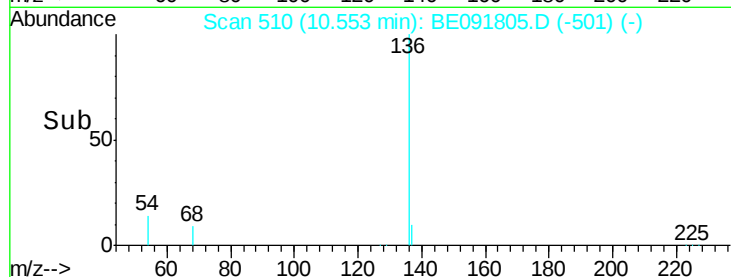
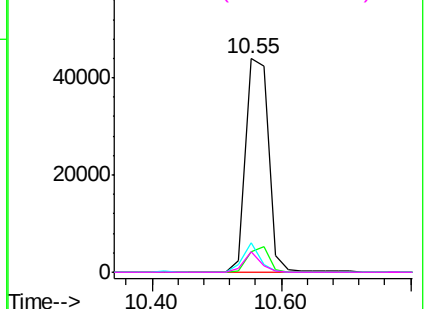


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.92 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

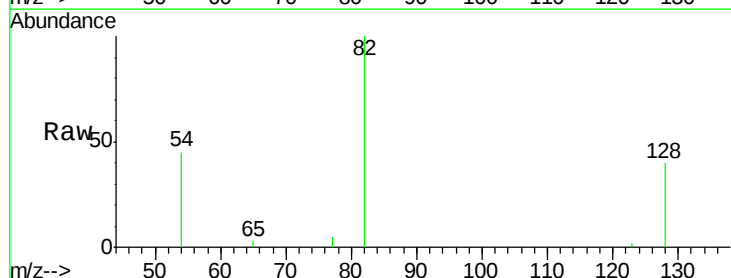
Tgt Ion: 82 Resp: 6424

Ion Ratio Lower Upper

82 100

128 39.9 25.4 38.0#

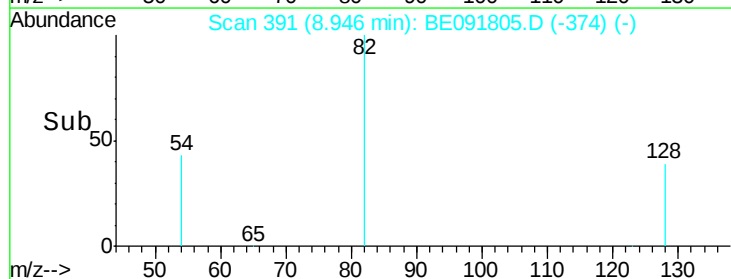
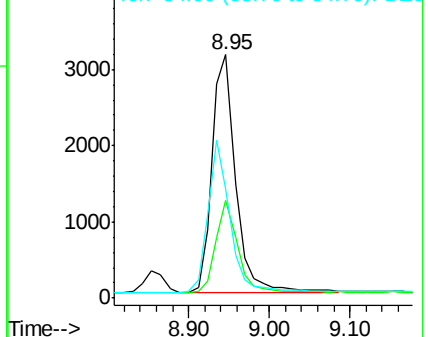
54 44.7 48.4 72.6#

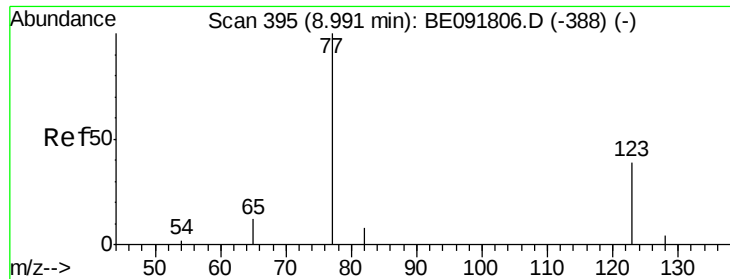


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.90 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

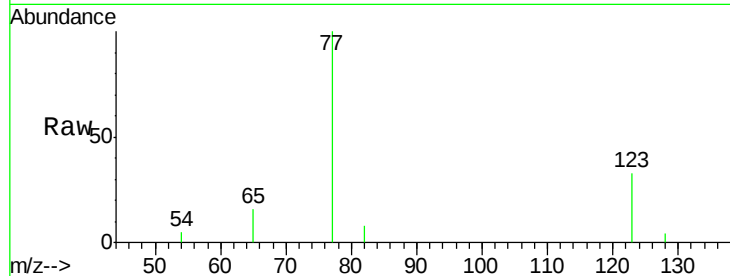
Tot Ion: 77 Resp: 6553

Ion Ratio Lower Upper

77 100

123 36.5 26.9 40.3

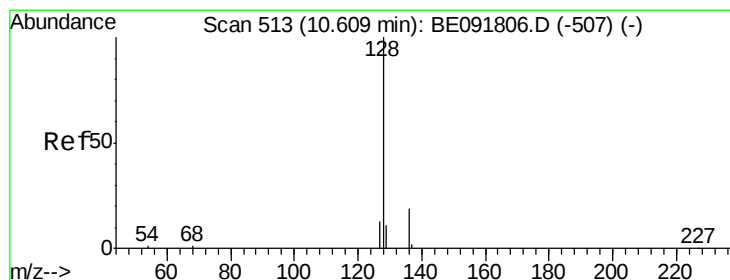
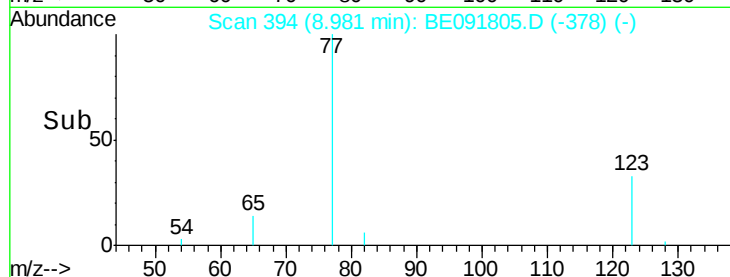
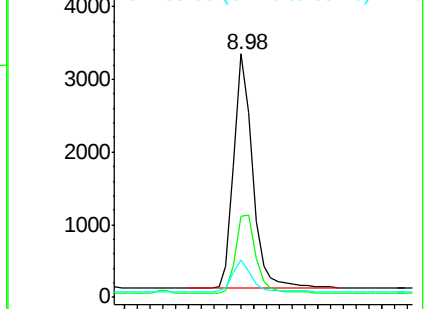
65 13.7 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.97 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

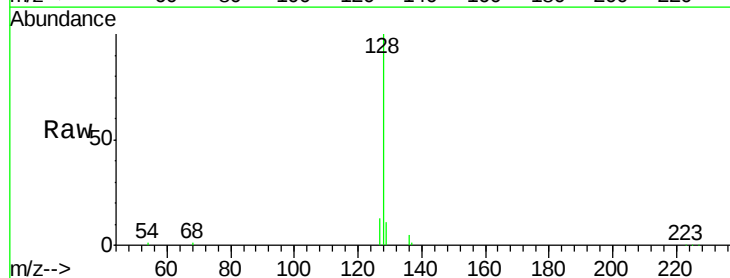
Tgt Ion: 128 Resp: 21014

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

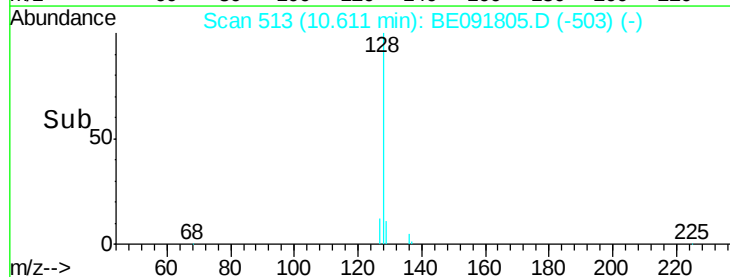
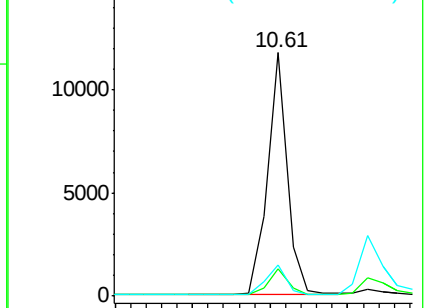
127 12.8 10.7 16.1

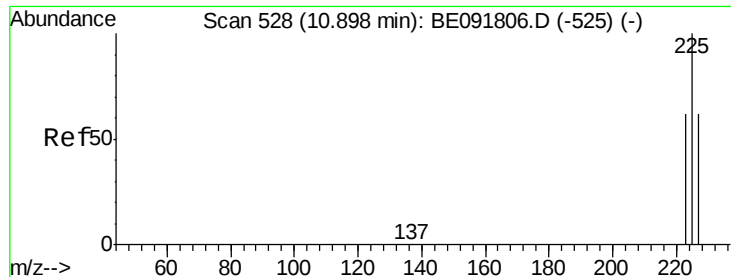


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

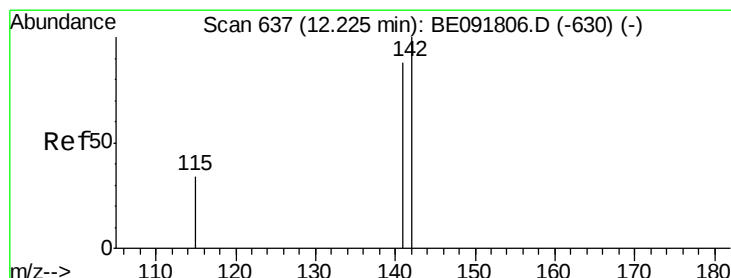
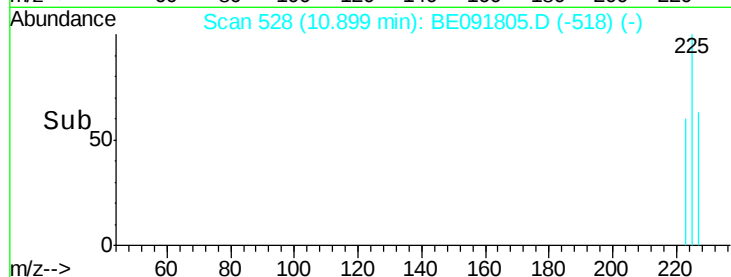
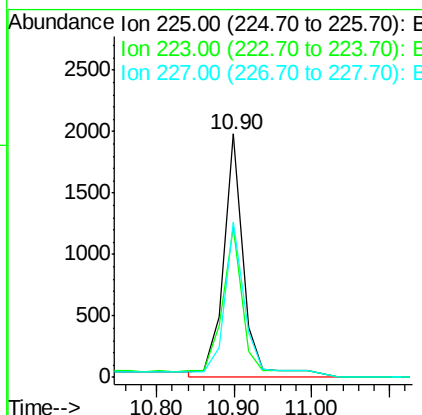
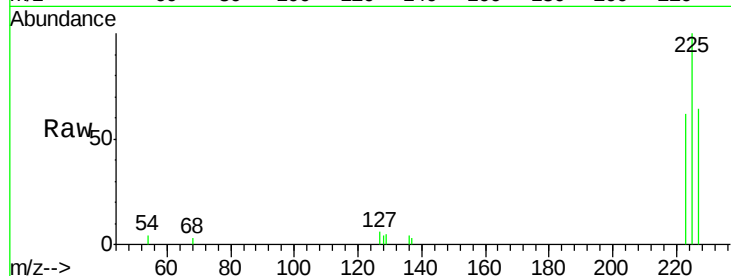




#11
Hexachlorobutadiene
Concen: 1.27 ng
RT: 10.90 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

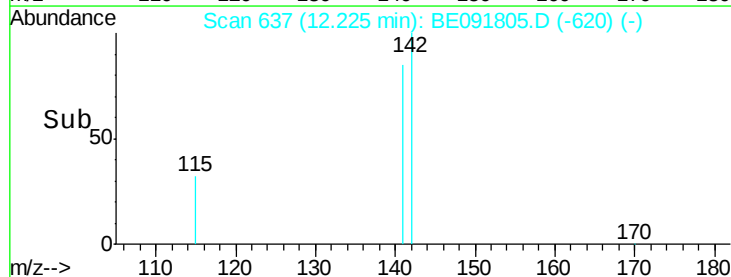
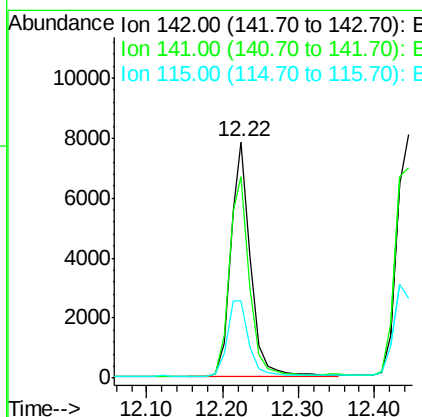
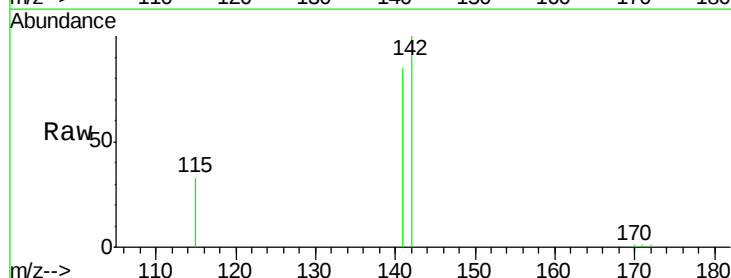
Instrument :
BNA_E
ClientSampleId :

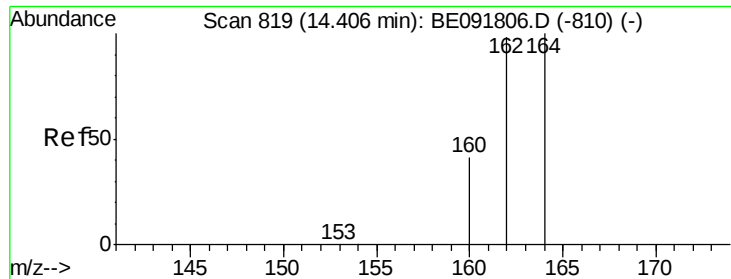
Tot Ion:225 Resp: 4071
Ion Ratio Lower Upper
225 100
223 68.4 49.0 73.6
227 68.6 50.3 75.5



#12
2-Methylnaphthalene
Concen: 1.02 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:142 Resp: 14197
Ion Ratio Lower Upper
142 100
141 85.0 71.4 107.0
115 32.8 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

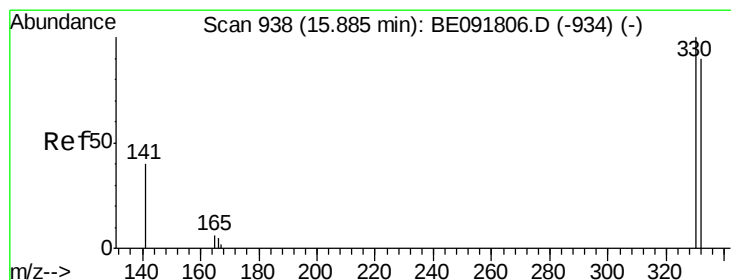
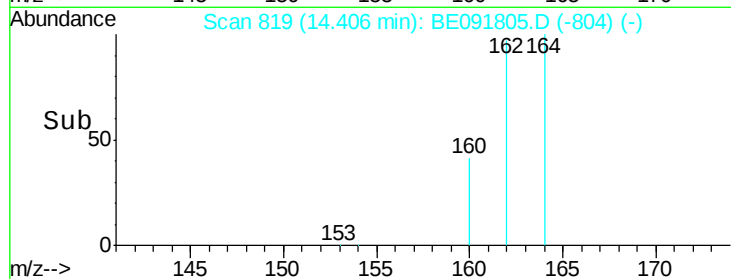
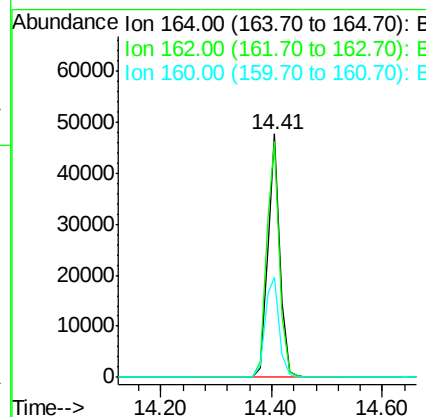
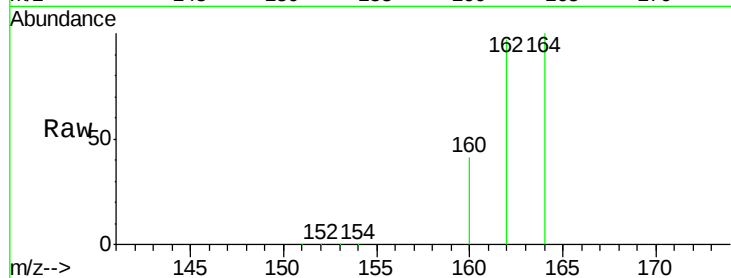
Tot Ion:164 Resp: 73219

Ion Ratio Lower Upper

164 100

162 96.9 85.3 127.9

160 41.3 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 1.08 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

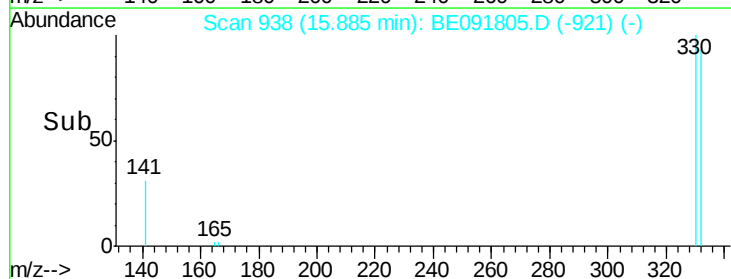
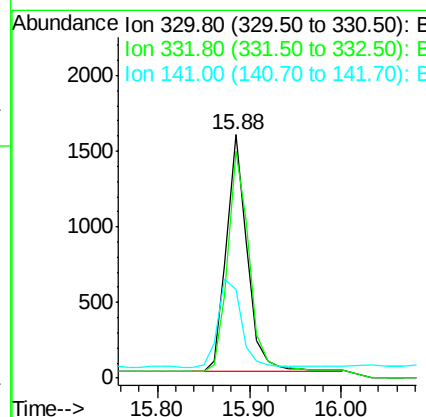
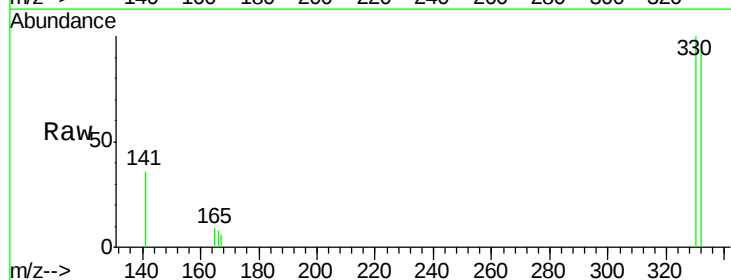
Tgt Ion:330 Resp: 2472

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 42.2 125.4 188.0#

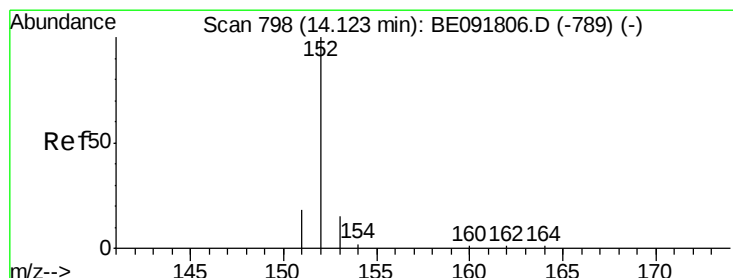
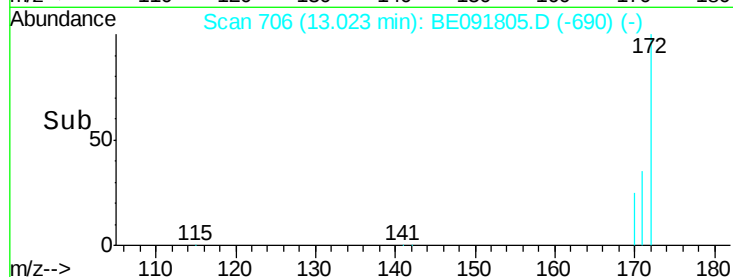
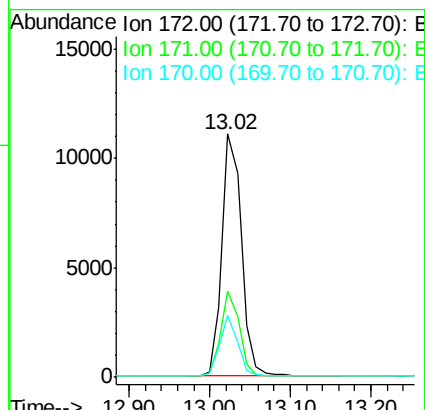
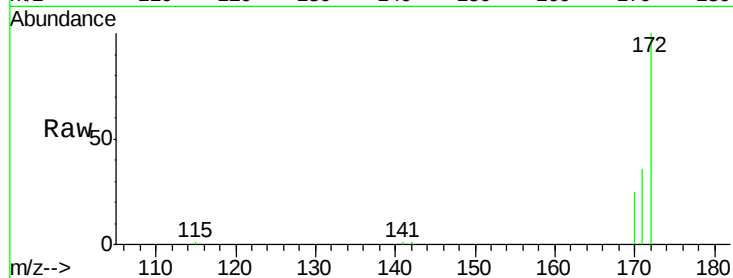




#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

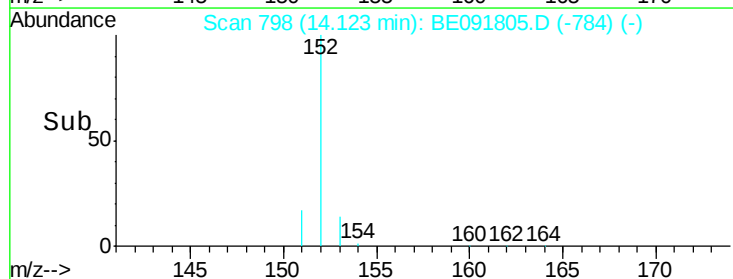
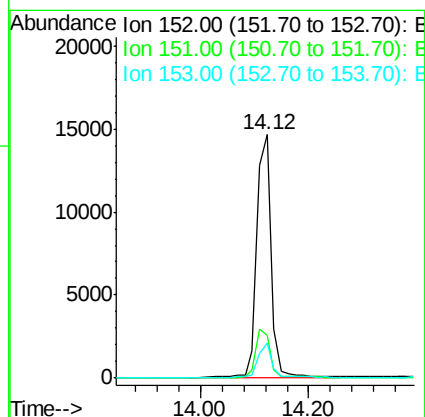
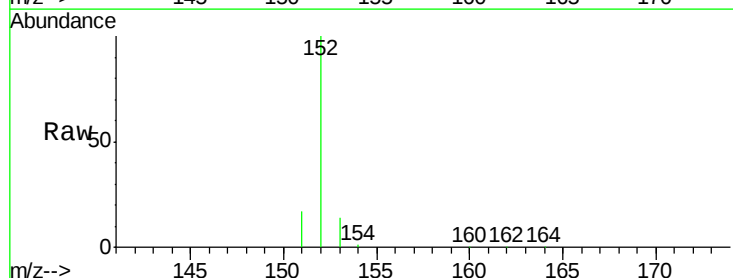
Instrument :
BNA_E
ClientSampleId :

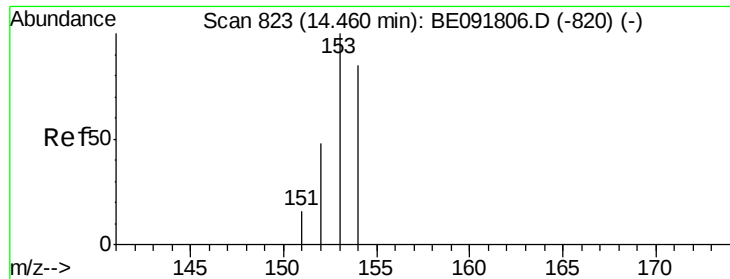
Tot Ion:172 Resp: 18697
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 25.3 19.3 28.9



#16
Acenaphthylene
Concen: 1.05 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:152 Resp: 29683
Ion Ratio Lower Upper
152 100
151 21.7 3.9 5.9#
153 15.6 10.3 15.5#

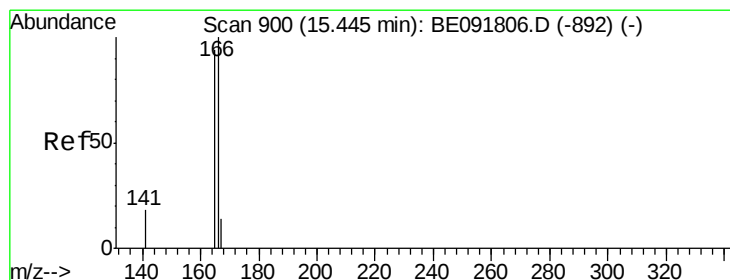
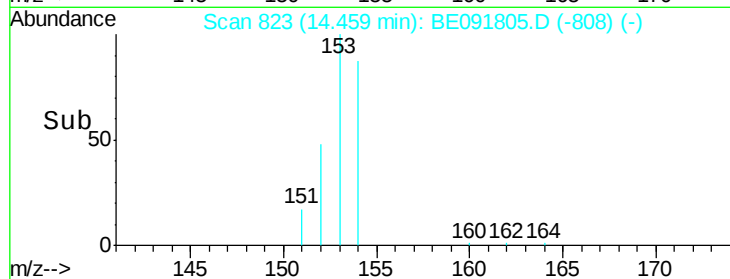
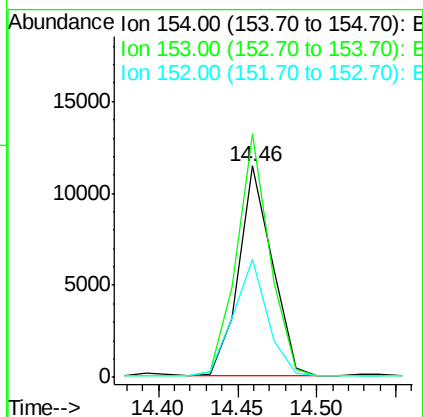
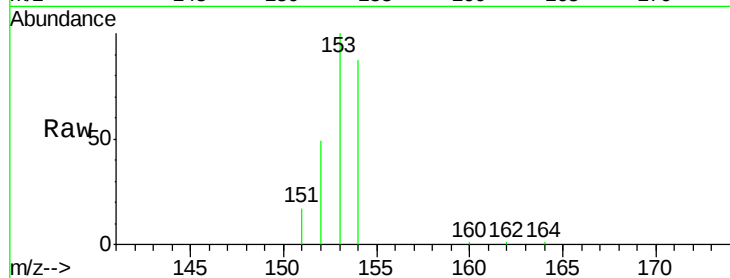




#17
Acenaphthene
Concen: 0.92 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

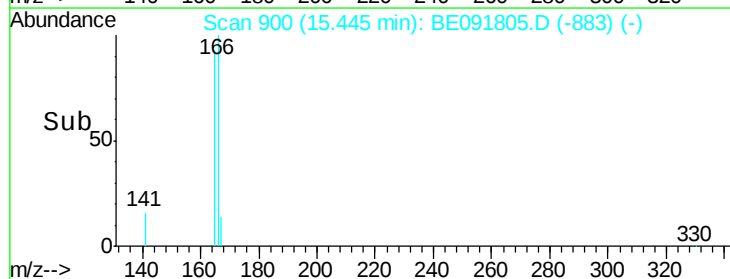
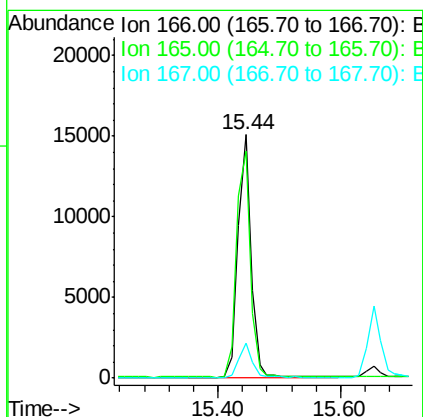
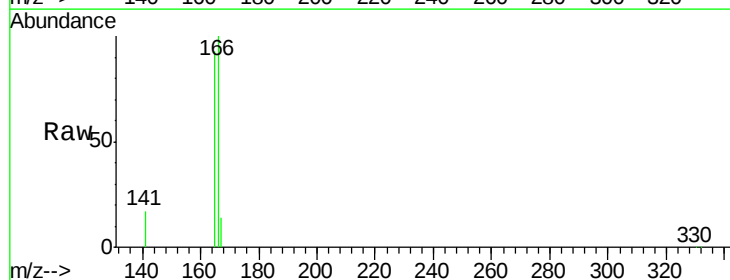
Instrument :
BNA_E
ClientSampleId :

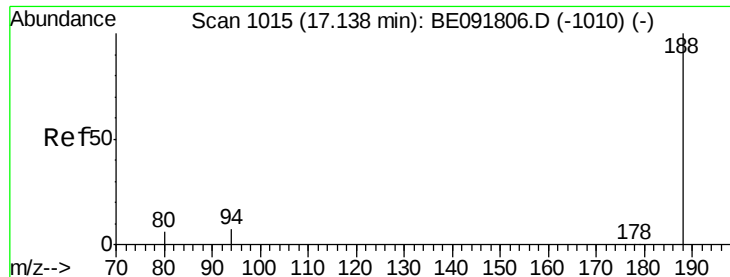
Tot Ion:154 Resp: 16803
Ion Ratio Lower Upper
154 100
153 114.9 80.0 120.0
152 57.0 40.0 60.0



#18
Fluorene
Concen: 0.99 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:166 Resp: 22516
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 13.6 10.9 16.3

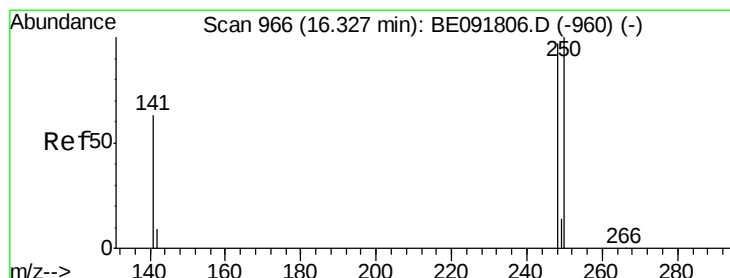
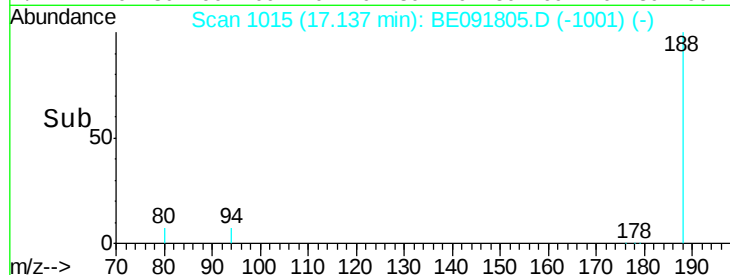
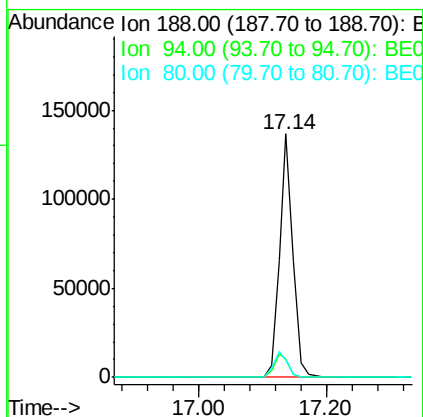
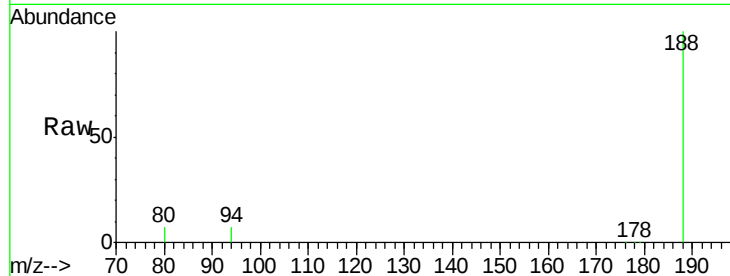




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

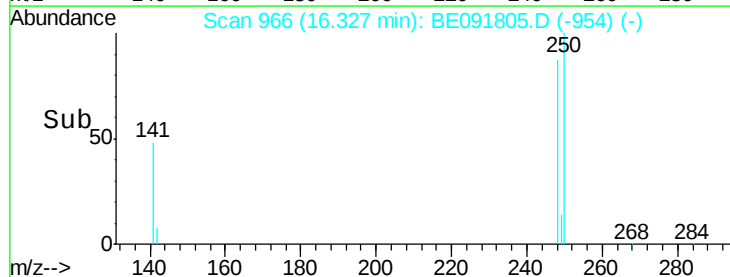
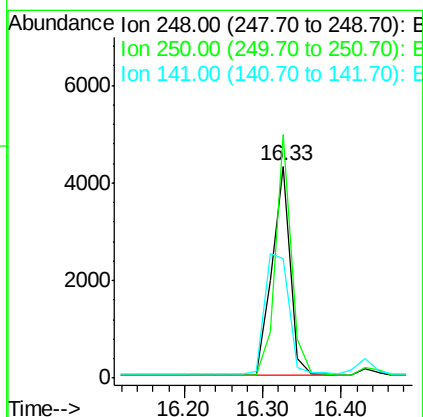
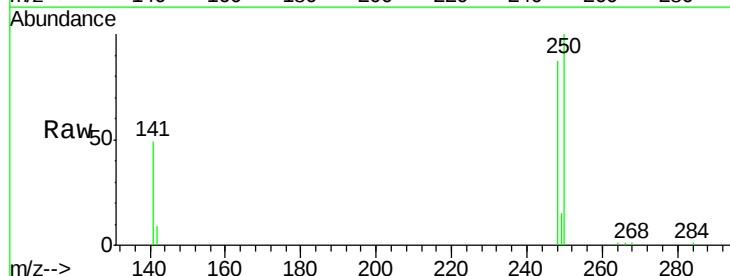
Instrument :
BNA_E
ClientSampleId :

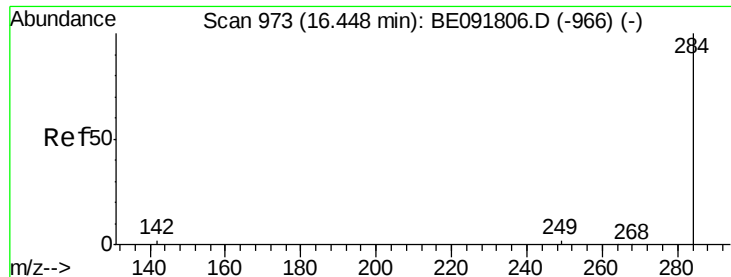
Tot Ion:188 Resp: 222674
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 6.7 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:248 Resp: 6971
Ion Ratio Lower Upper
248 100
250 100.2 80.5 120.7
141 76.9 72.0 108.0

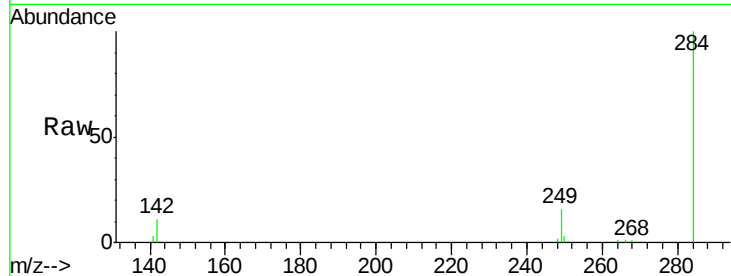




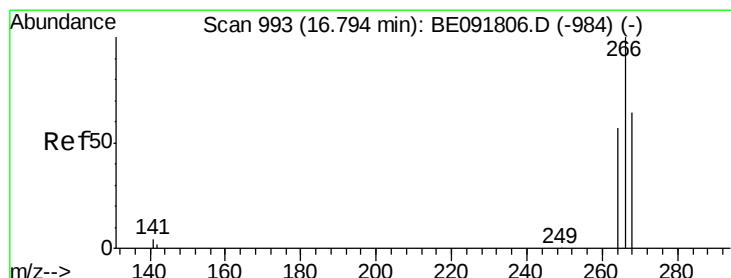
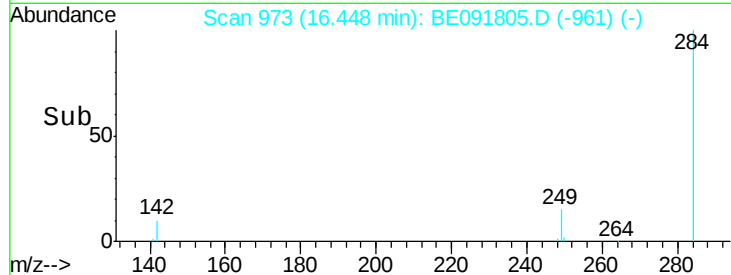
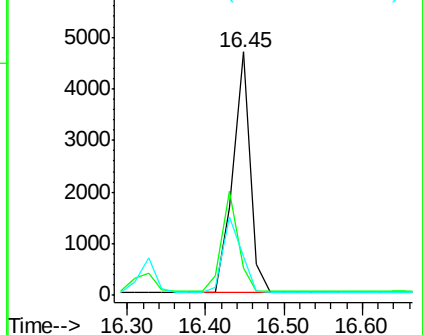
#21
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 7193
Ion Ratio Lower Upper
284 100
142 39.4 32.2 48.2
249 33.0 25.4 38.2

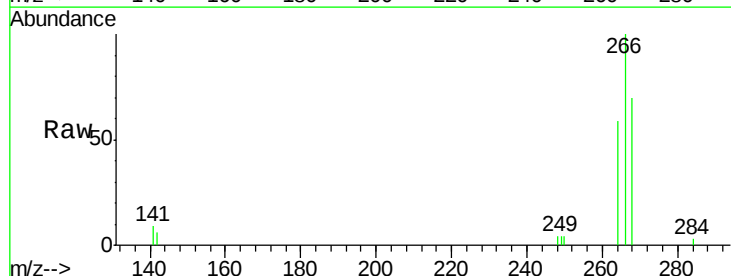


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

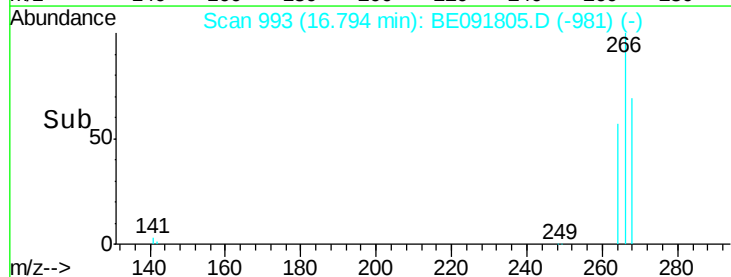
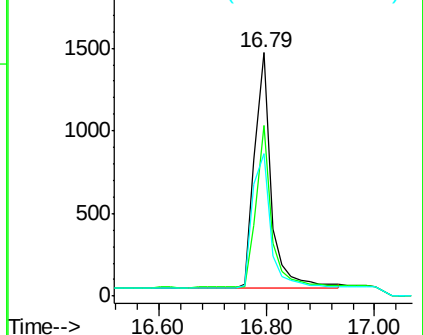


#22
Pentachlorophenol
Concen: 0.81 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:266 Resp: 3042
Ion Ratio Lower Upper
266 100
268 69.9 58.2 87.2
264 58.5 56.2 84.4



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





#23

Phenanthrene

Concen: 0.88 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

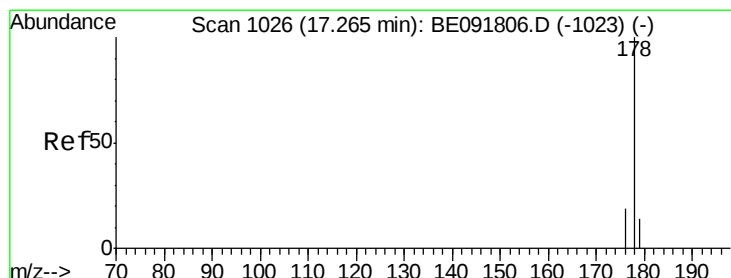
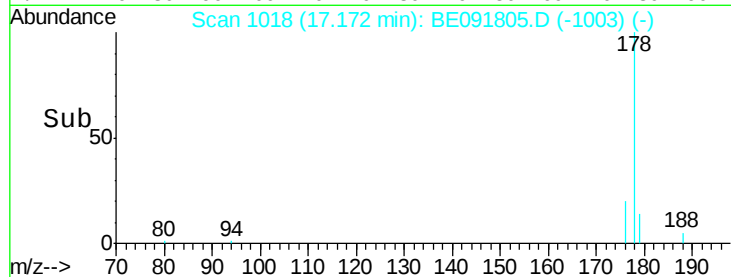
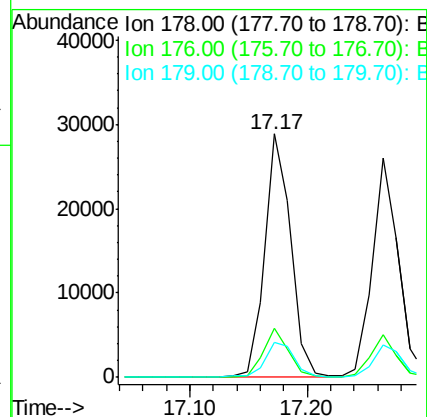
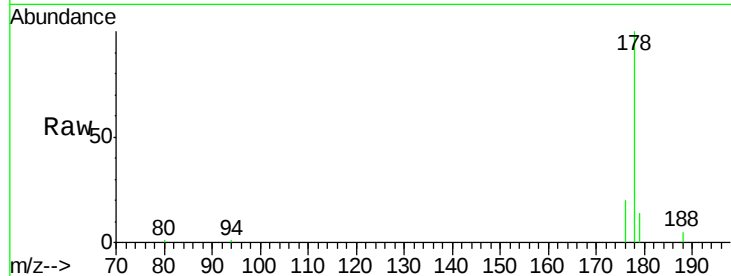
Tot Ion:178 Resp: 44344

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.9 12.6 18.8



#24

Anthracene

Concen: 0.89 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

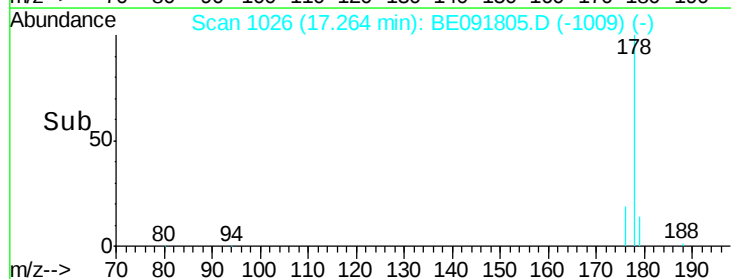
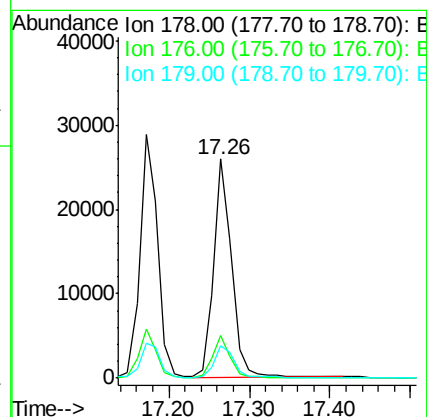
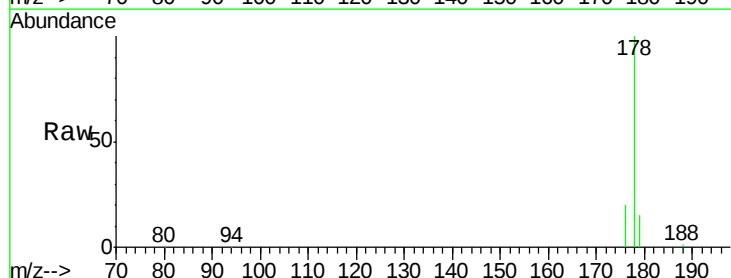
Tgt Ion:178 Resp: 40385

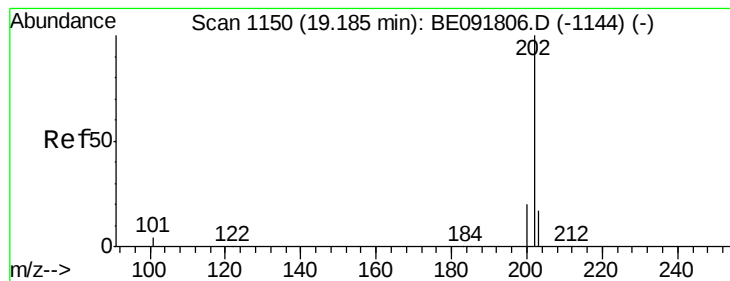
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 0.95 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

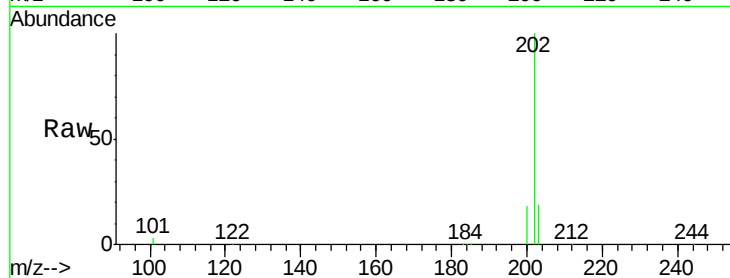
Tot Ion:202 Resp: 50160

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

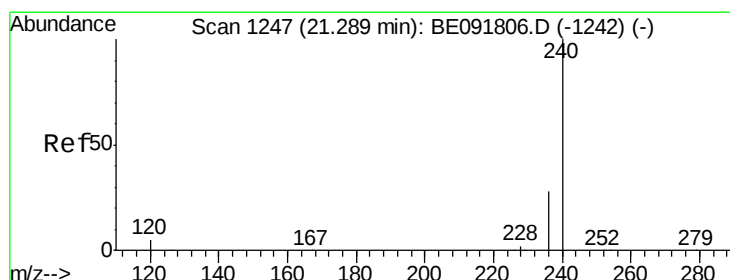
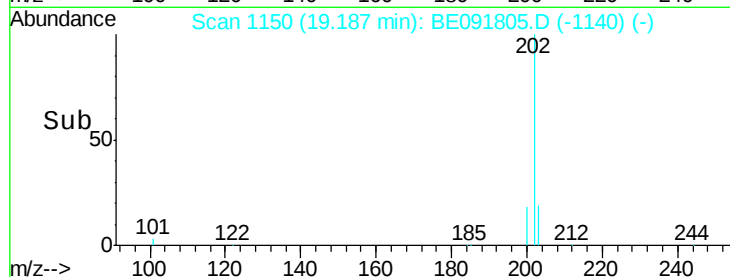
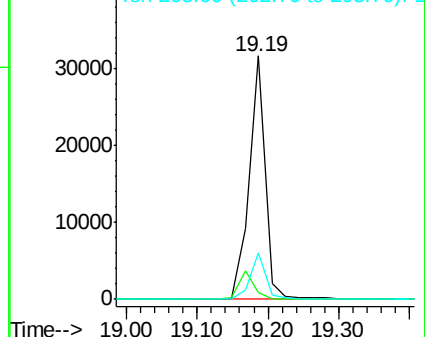
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

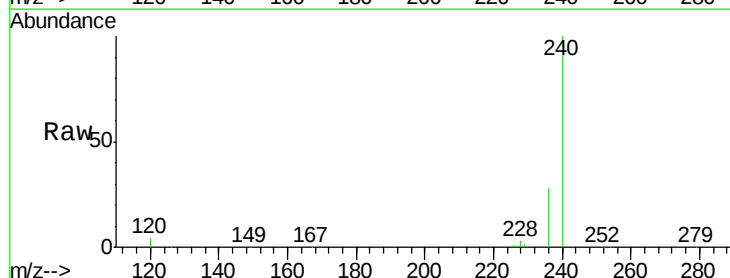
Tgt Ion:240 Resp: 285652

Ion Ratio Lower Upper

240 100

120 3.6 11.0 16.4#

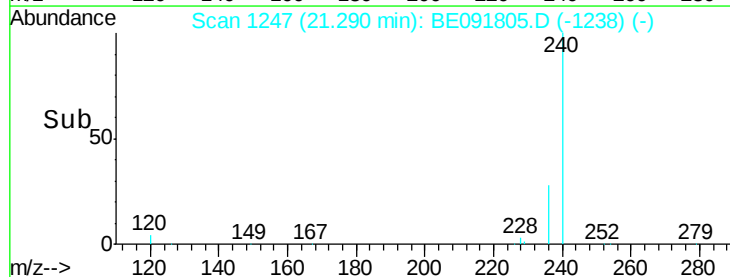
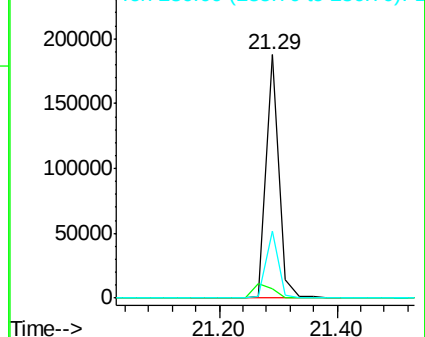
236 27.7 21.7 32.5

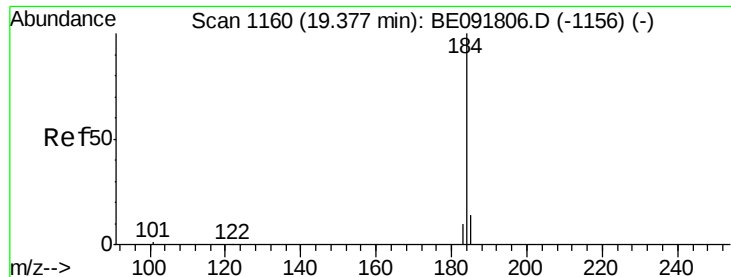


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.03 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.37 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

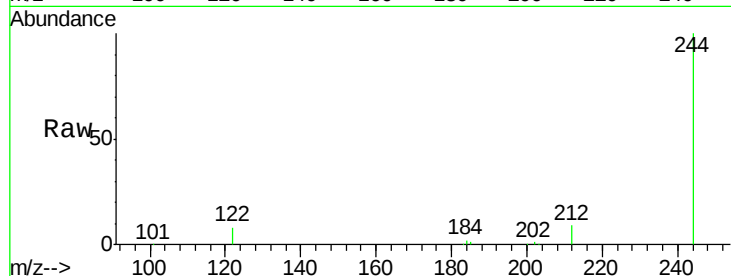
Tot Ion:184 Resp: 554

Ion Ratio Lower Upper

184 100

185 30.9 22.3 33.5

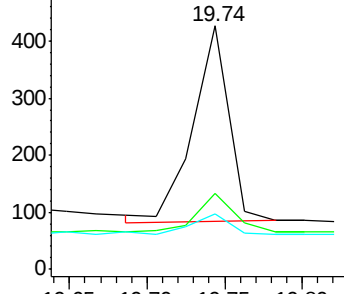
183 22.7 16.4 24.6



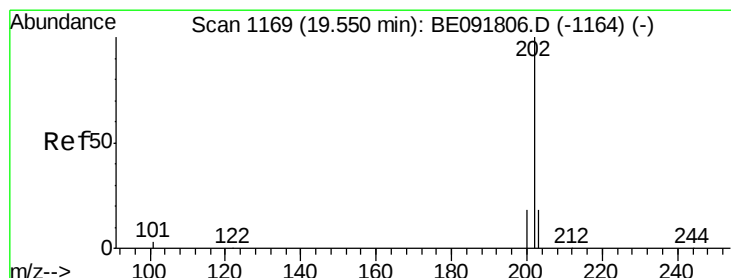
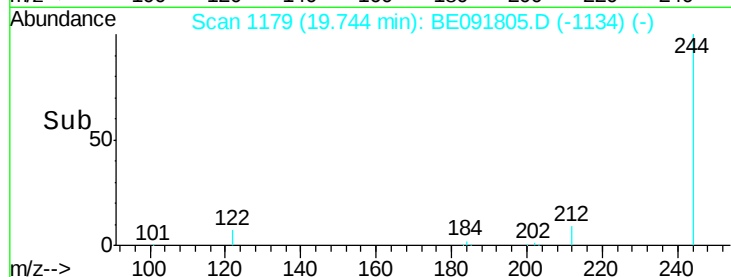
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.65 19.70 19.75 19.80



#28

Pyrene

Concen: 0.80 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

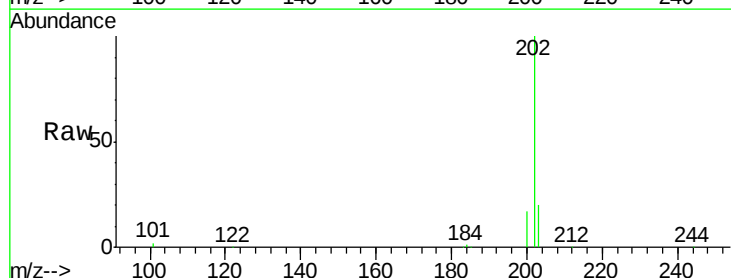
Tgt Ion:202 Resp: 51869

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

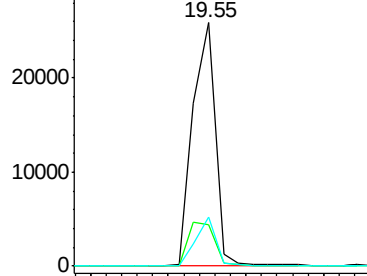
203 17.6 14.0 21.0



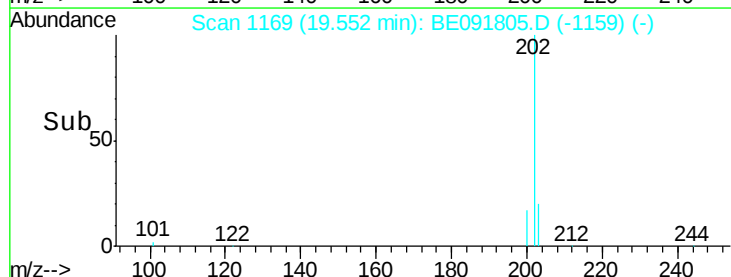
Abundance Ion 202.00 (201.70 to 202.70): E

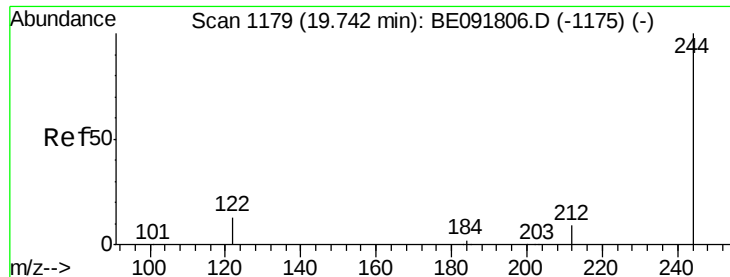
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60 19.70





#29

Terphenyl-d14

Concen: 0.78 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

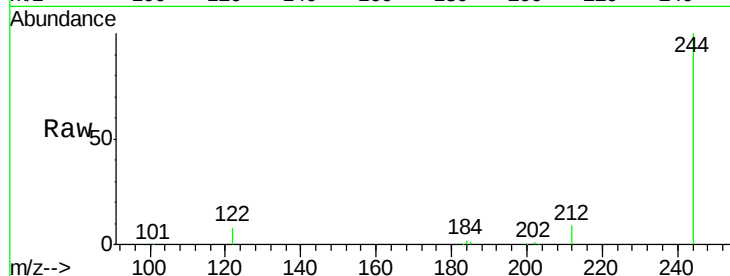
Tot Ion:244 Resp: 34748

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

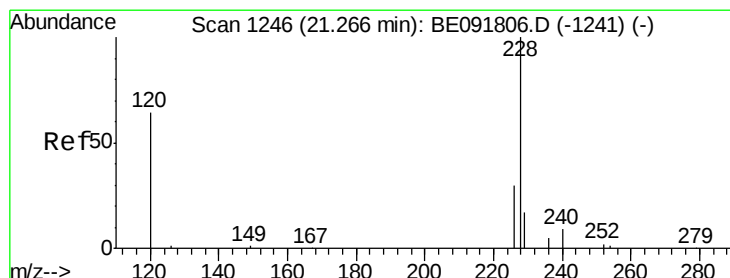
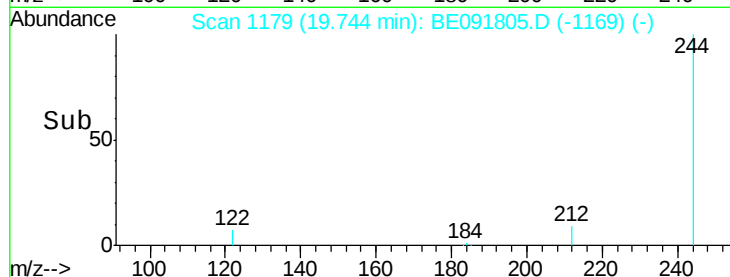
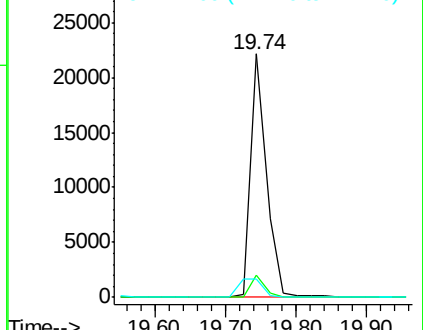
122 7.7 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 1.57 ng

RT: 21.27 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

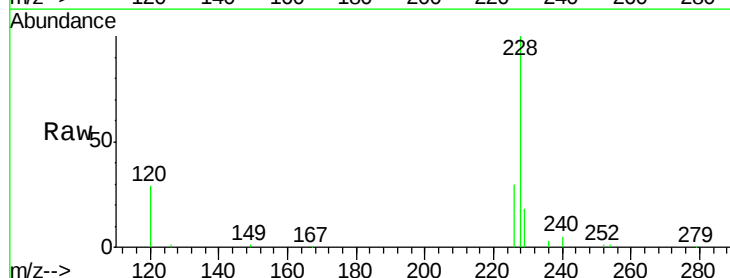
Tgt Ion:228 Resp: 109561

Ion Ratio Lower Upper

228 100

226 29.8 21.0 31.4

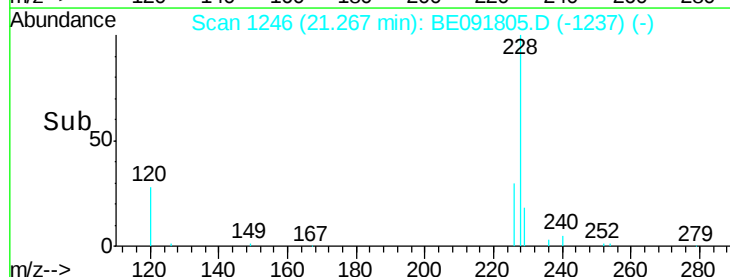
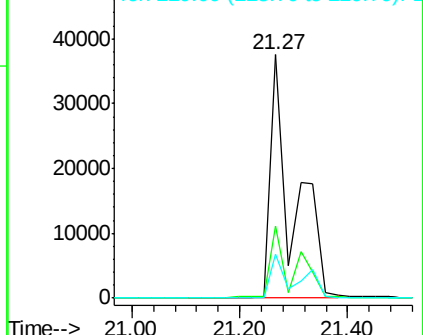
229 17.9 15.7 23.5



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

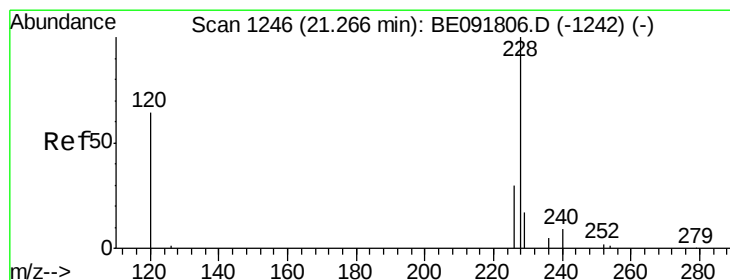
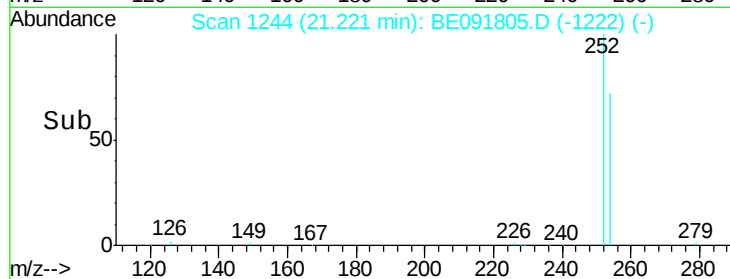
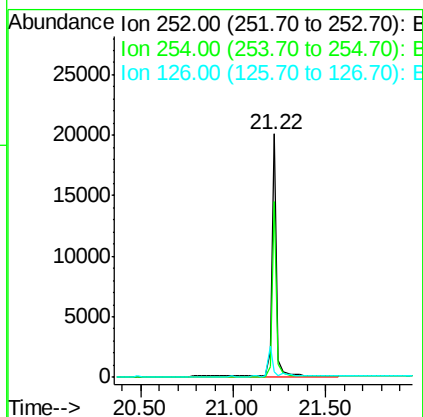
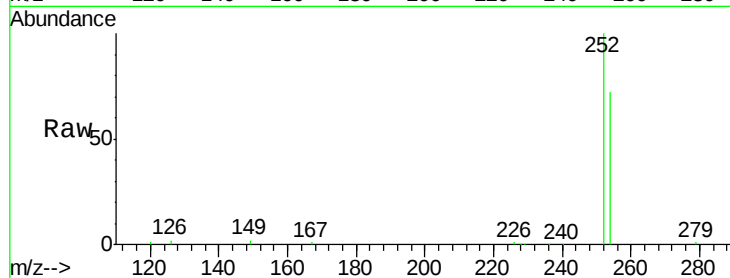




#31
 3,3'-Dichlorobenzidine
 Concen: 0.98 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091805.D
 Acq: 19 May 2016 11:57

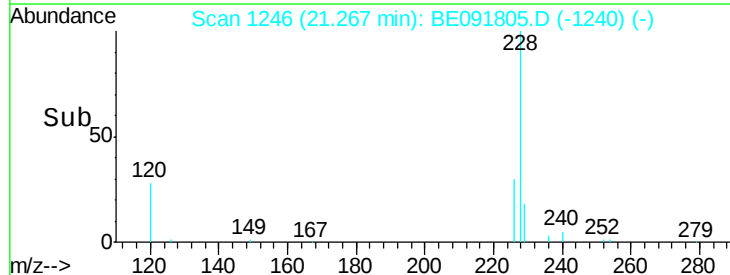
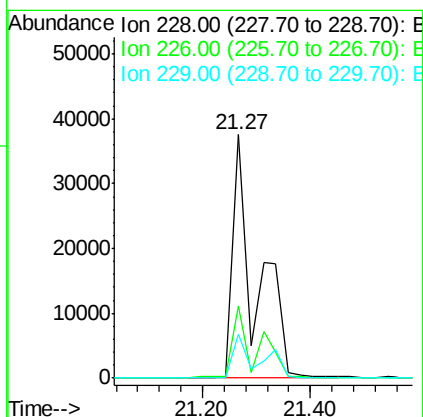
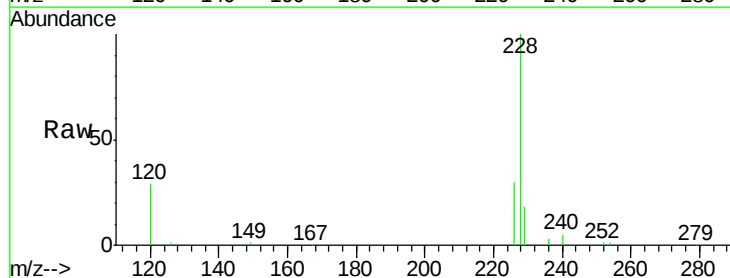
Instrument :
 BNA_E
 ClientSampled :

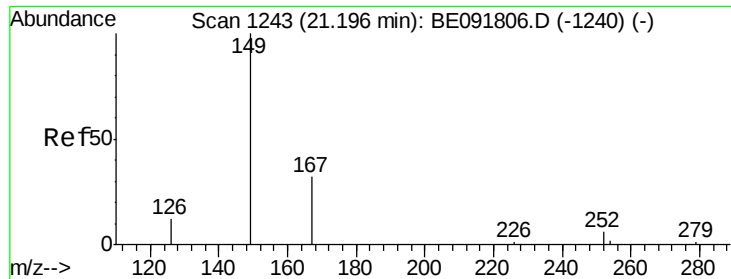
Tot Ion:252 Resp: 34884
 Ion Ratio Lower Upper
 252 100
 254 72.1 51.1 76.7
 126 2.1 12.6 18.8#



#32
 Chrysene
 Concen: 1.52 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091805.D
 Acq: 19 May 2016 11:57

Tgt Ion:228 Resp: 110264
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 17.9 15.9 23.9

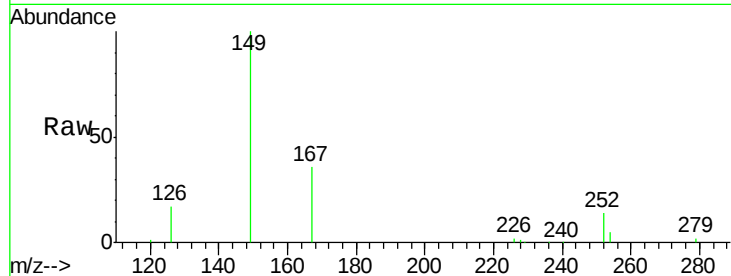




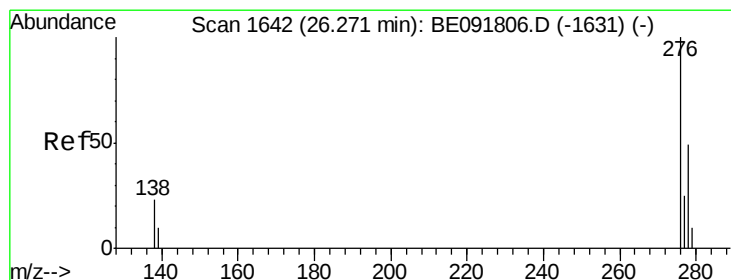
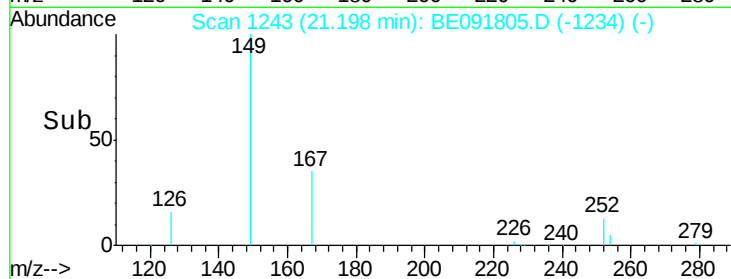
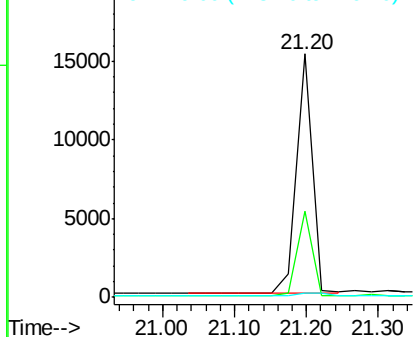
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.10 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091805.D
 Acq: 19 May 2016 11:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 23286
 Ion Ratio Lower Upper
 149 100
 167 33.5 19.5 29.3#
 279 2.6 10.0 15.0#

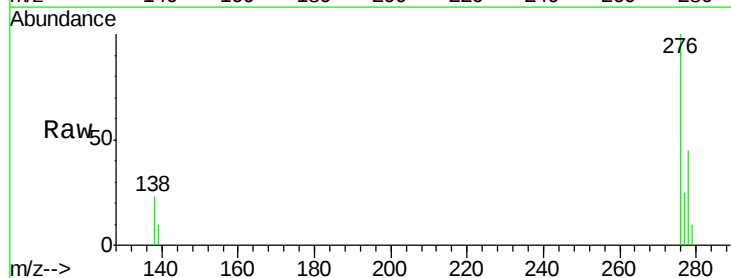


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

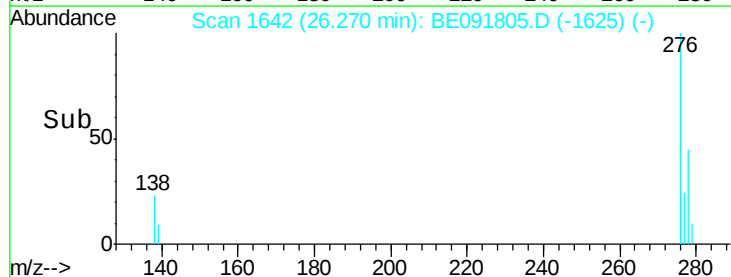
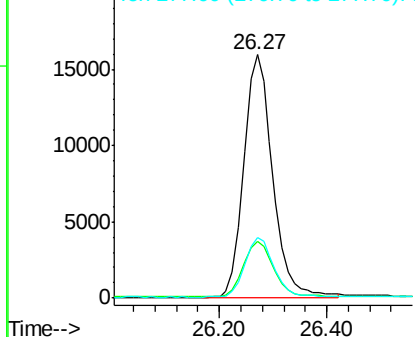


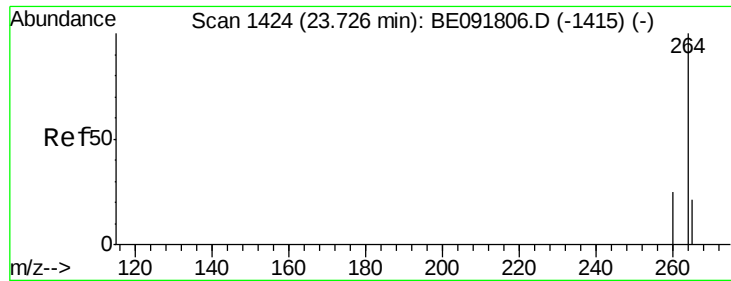
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.91 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BE091805.D
 Acq: 19 May 2016 11:57

Tgt Ion:276 Resp: 59037
 Ion Ratio Lower Upper
 276 100
 138 24.2 23.4 35.2
 277 24.8 19.8 29.8



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



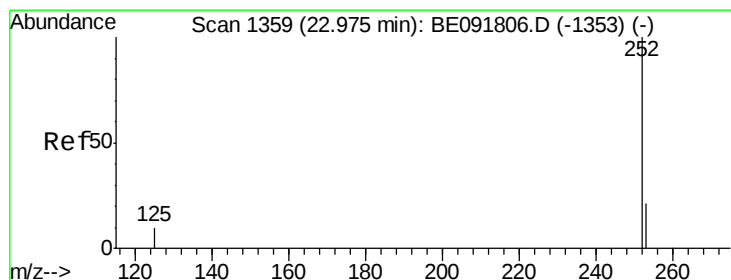
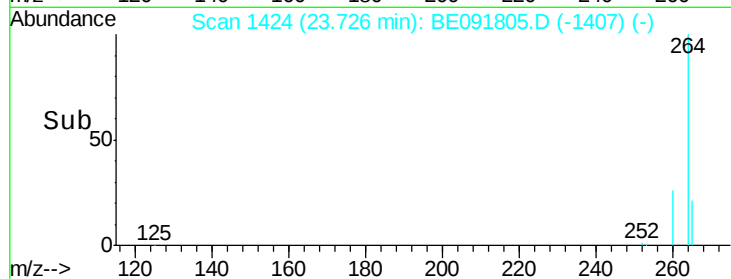
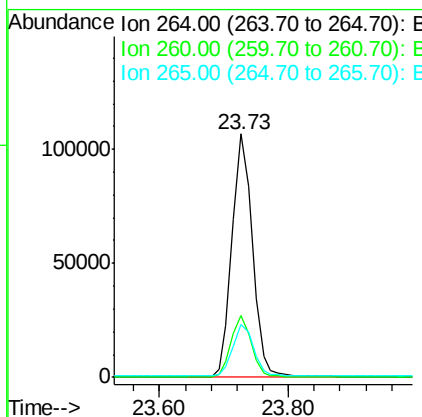
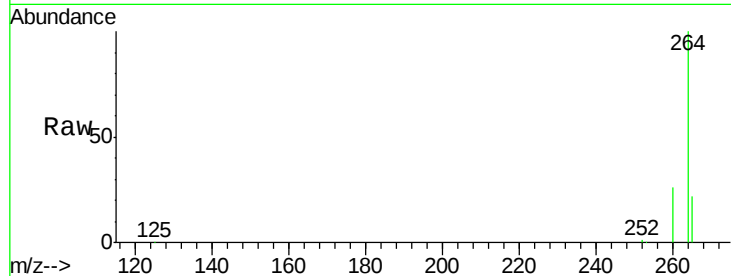


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 235857

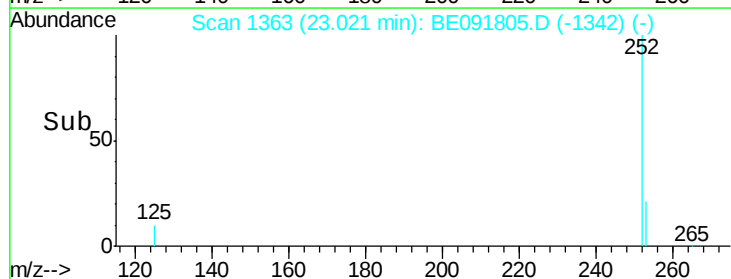
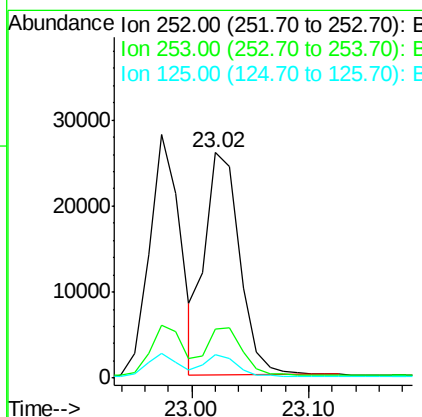
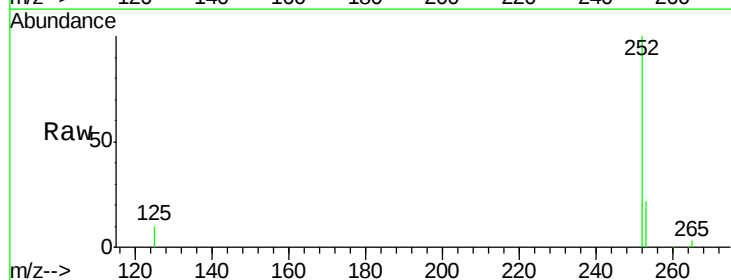
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	21.7	17.5	26.3

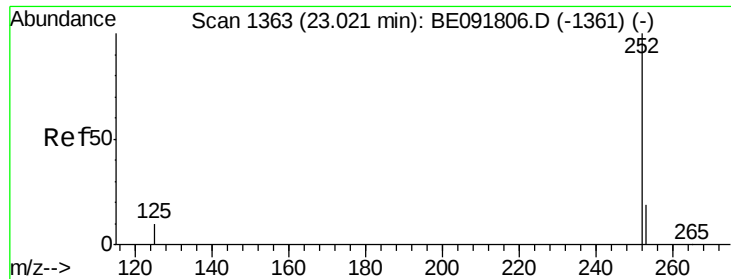


#36
Benzo(b)fluoranthene
Concen: 0.96 ng
RT: 23.02 min Scan# 1363
Delta R.T. 0.05 min
Lab File: BE091805.D
Acq: 19 May 2016 11:57

Tgt Ion:252 Resp: 53239

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.3	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.96 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

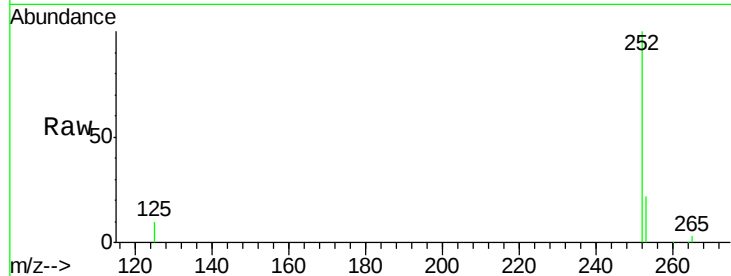
Tot Ion:252 Resp: 54153

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

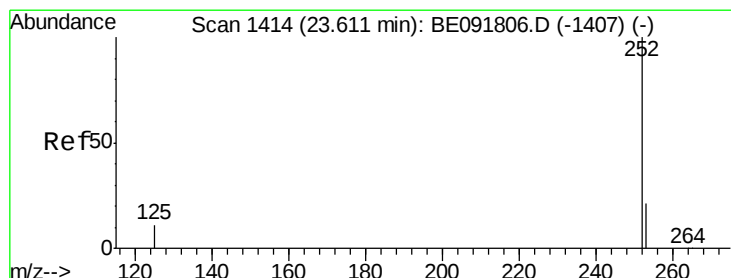
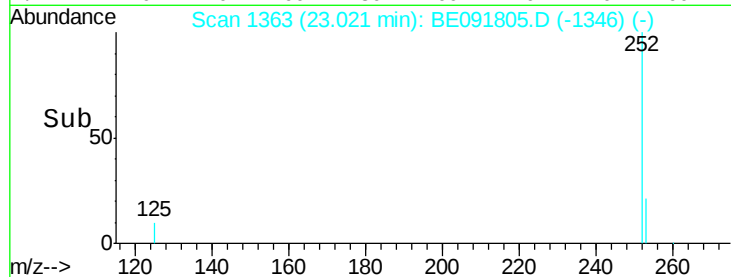
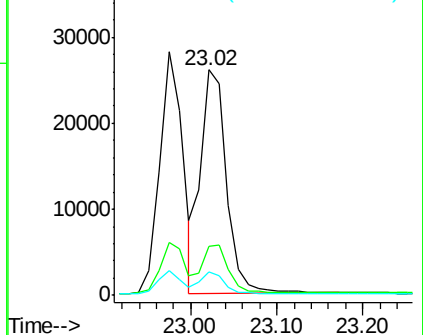
125 10.3 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.96 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

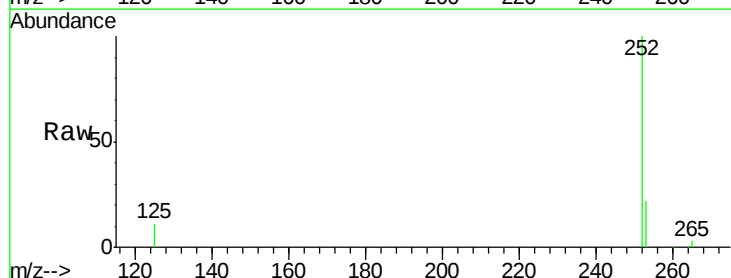
Tgt Ion:252 Resp: 50166

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

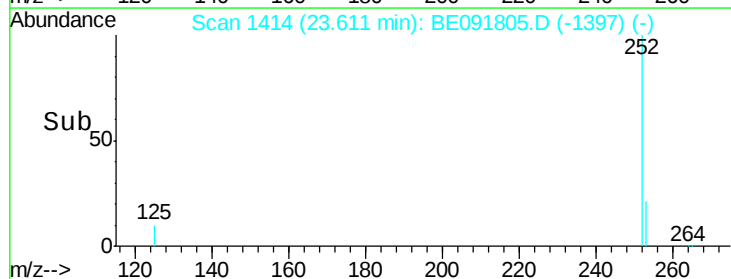
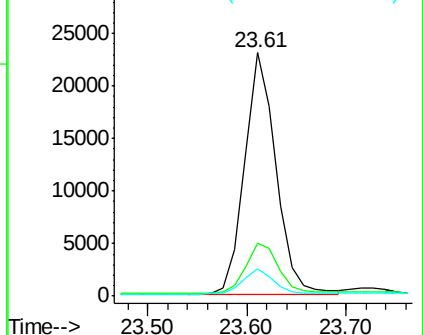
125 11.1 11.0 16.4



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





#39

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

Instrument :

BNA_E

ClientSampleId :

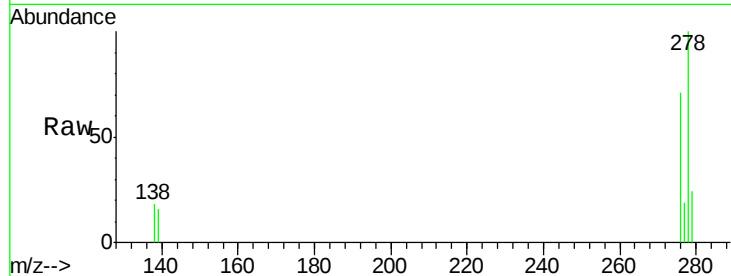
Tot Ion:278 Resp: 48887

Ion Ratio Lower Upper

278 100

139 16.2 16.0 24.0

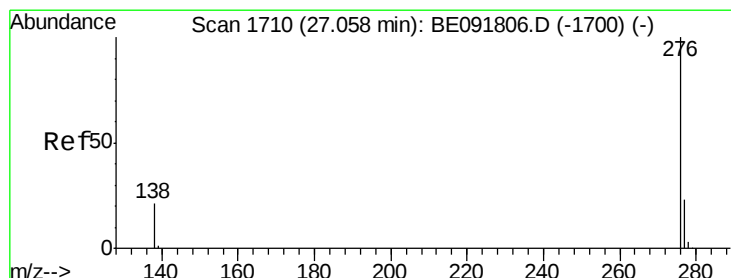
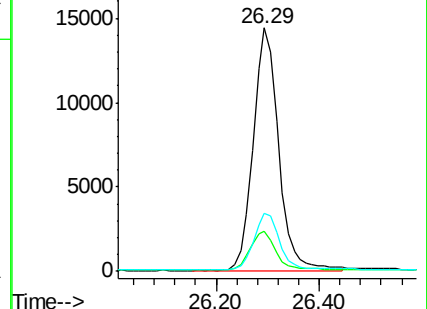
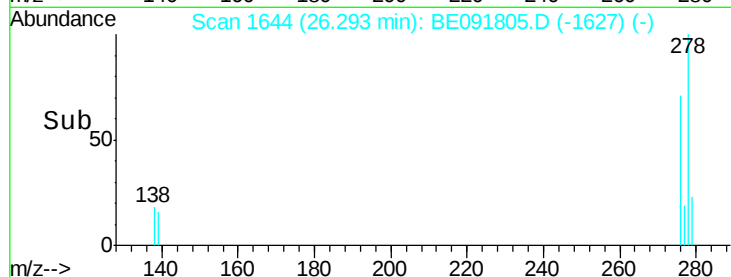
279 23.8 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 1.01 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091805.D

Acq: 19 May 2016 11:57

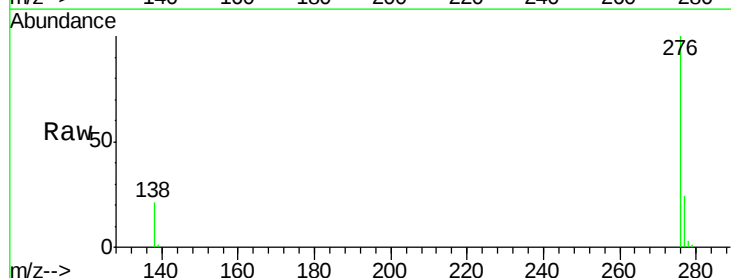
Tgt Ion:276 Resp: 50433

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 20.9 20.4 30.6



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

