

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
 Data File : BE091610.D
 Acq On : 8 Apr 2016 13:41
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Apr 08 15:12:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 14:53:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37259	5.00	ng	0.00
7) Naphthalene-d8	10.59	136	174380	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	101851	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	253865	5.00	ng	0.00
26) Chrysene-d12	21.31	240	330086	5.00	ng	0.00
35) Perylene-d12	23.76	264	293833	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	7288	0.94	ng	0.00
5) Phenol-d6	6.97	99	9568	1.00	ng	0.00
8) Nitrobenzene-d5	8.96	82	8185	0.87	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	2958	0.92	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	24246	0.88	ng	0.00
29) Terphenyl-d14	19.78	244	33651	0.81	ng	0.02

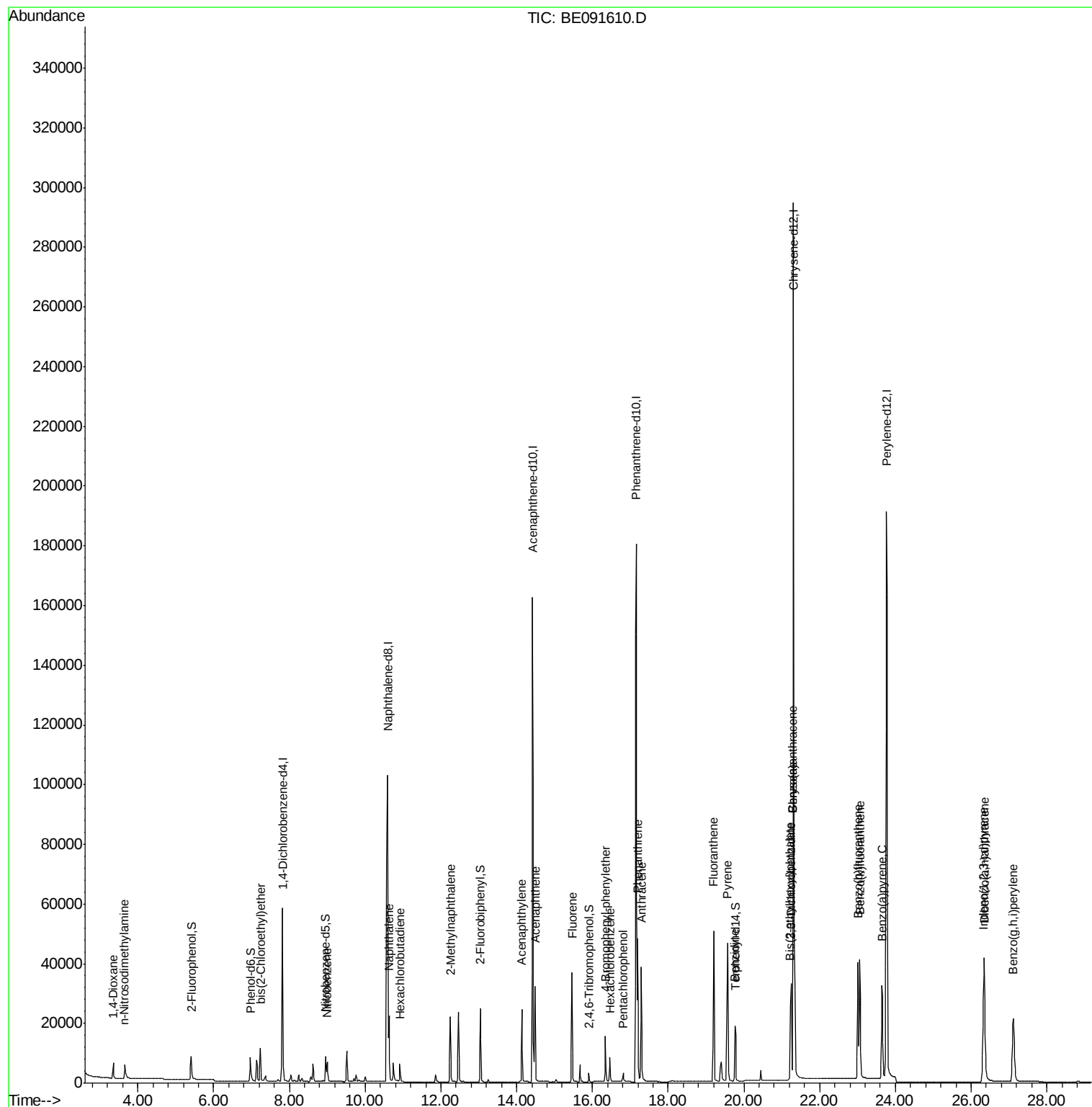
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	3908	0.59	ng	94
3) n-Nitrosodimethylamine	3.64	42	4913	0.75	ng	91
6) bis(2-Chloroethyl)ether	7.23	93	8577	0.76	ng	# 77
9) Nitrobenzene	9.00	77	8488	0.84	ng	96
10) Naphthalene	10.63	128	30103	0.80	ng	99
11) Hexachlorobutadiene	10.92	225	5191	0.83	ng	95
12) 2-Methylnaphthalene	12.25	142	18701	0.85	ng	# 90
16) Acenaphthylene	14.14	152	32558	0.19	ng	# 84
17) Acenaphthene	14.49	154	21204	0.78	ng	91
18) Fluorene	15.47	166	26286	0.78	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	7453	0.78	ng	96
21) Hexachlorobenzene	16.46	284	8011	0.16	ng	100
22) Pentachlorophenol	16.81	266	2631	0.74	ng	89
23) Phenanthrene	17.20	178	48853	0.76	ng	100
24) Anthracene	17.29	178	43473	0.76	ng	99
25) Fluoranthene	19.20	202	52507	0.69	ng	# 96
27) Benzdine	19.76	184	655	0.11	ng	97
28) Pyrene	19.57	202	55382	0.66	ng	100
30) Benzo(a)anthracene	21.29	228	114429	1.47	ng	95
31) 3,3'-Dichlorobenzidine	21.24	252	33147	2.50	ng	# 85
32) Chrysene	21.29	228	115242	1.16	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	21358	0.69	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.33	276	62617	0.78	ng	96
36) Benzo(b)fluoranthene	23.01	252	57018	0.88	ng	97
37) Benzo(k)fluoranthene	23.06	252	55841	0.63	ng	98
38) Benzo(a)pyrene	23.65	252	52008	0.87	ng	98
39) Dibenzo(a,h)anthracene	26.35	278	51593	0.87	ng	96
40) Benzo(g,h,i)perylene	27.12	276	53212	0.83	ng	96

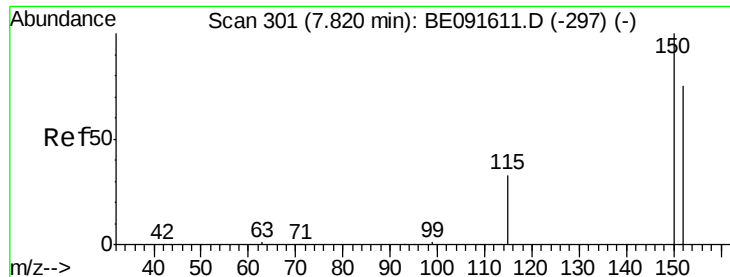
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
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Quant Time: Apr 08 15:12:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
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QLast Update : Fri Apr 08 14:53:35 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

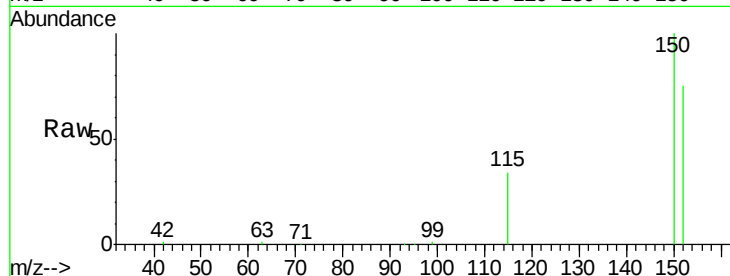
Tot Ion:152 Resp: 37259

Ion Ratio Lower Upper

152 100

150 132.6 122.6 183.8

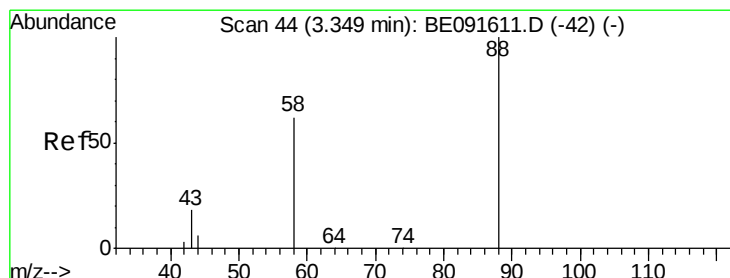
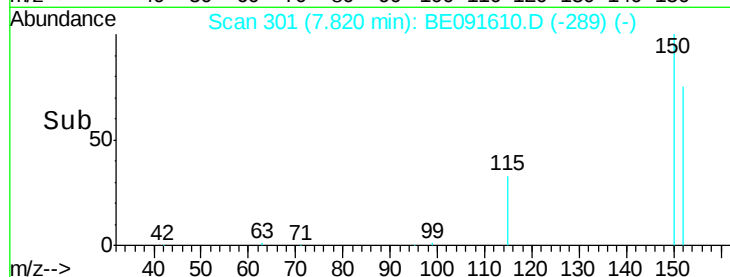
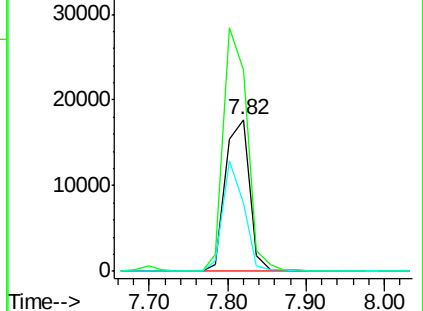
115 44.7 52.8 79.2#



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: 0.59 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

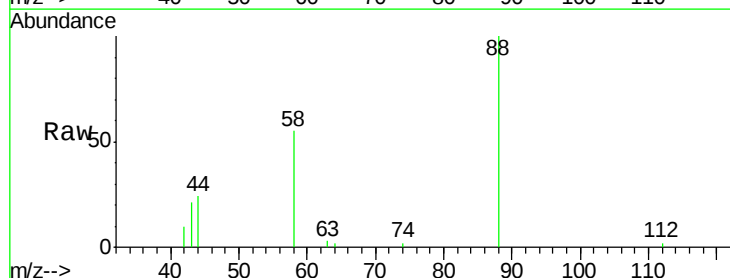
Tgt Ion: 88 Resp: 3908

Ion Ratio Lower Upper

88 100

58 77.5 65.8 98.6

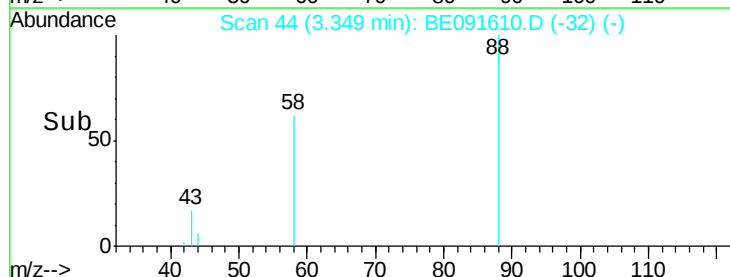
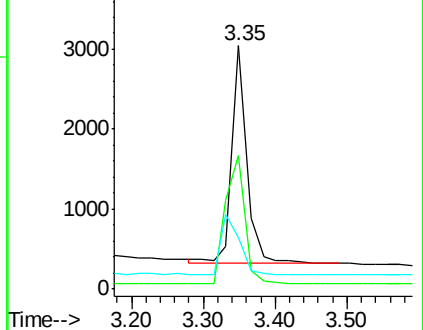
43 35.7 25.3 37.9

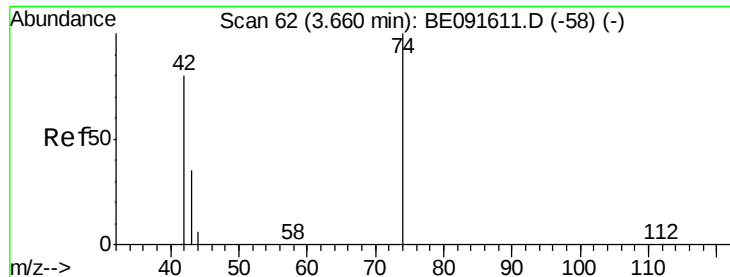


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.75 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

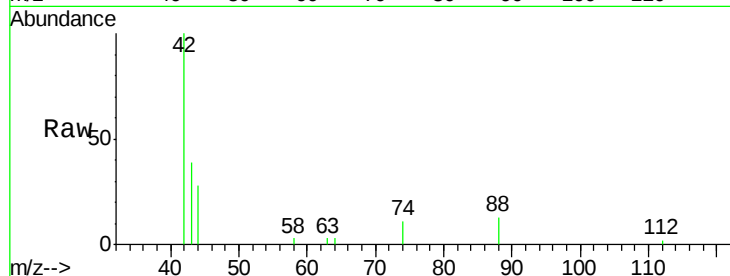
Tot Ion: 42 Resp: 4913

Ion Ratio Lower Upper

42 100

74 99.3 87.9 131.9

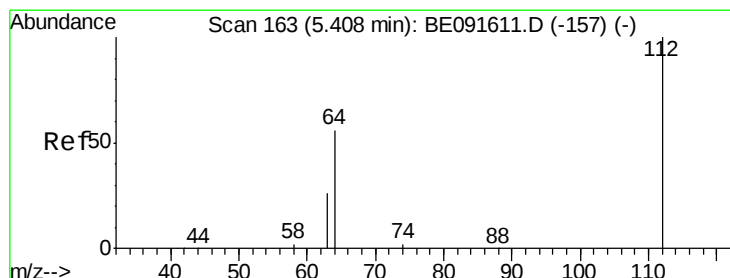
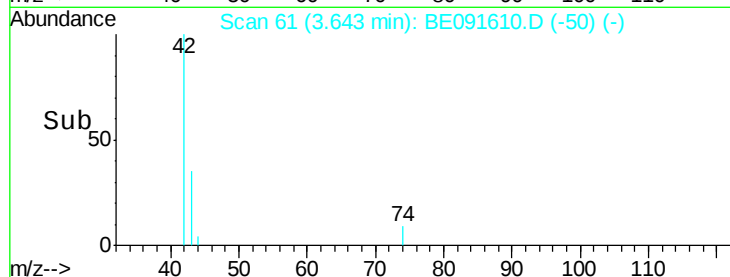
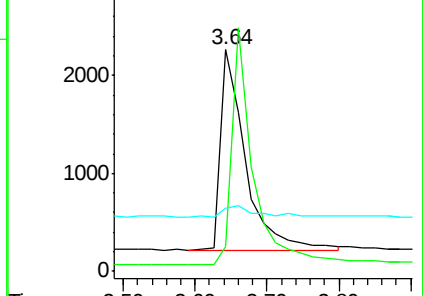
44 7.4 6.6 9.8



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: 0.94 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

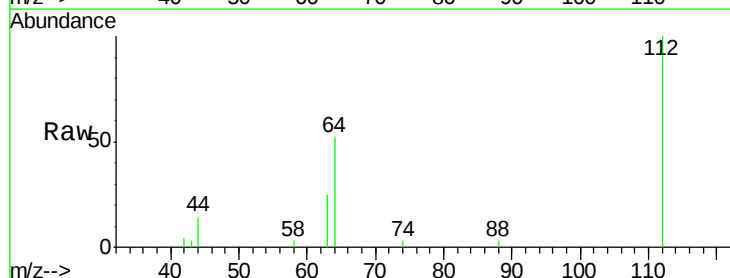
Tgt Ion: 112 Resp: 7288

Ion Ratio Lower Upper

112 100

64 67.4 30.9 46.3#

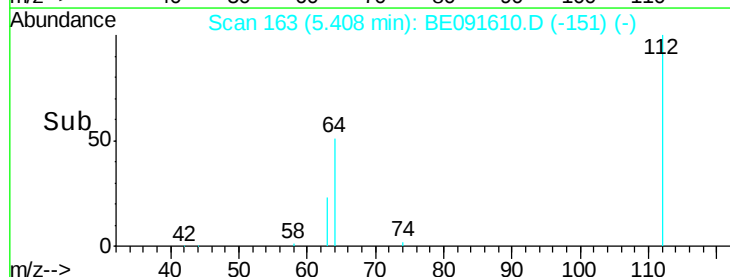
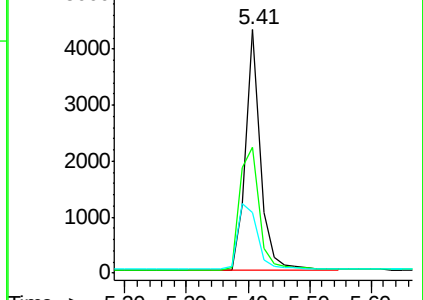
63 35.8 16.7 25.1#

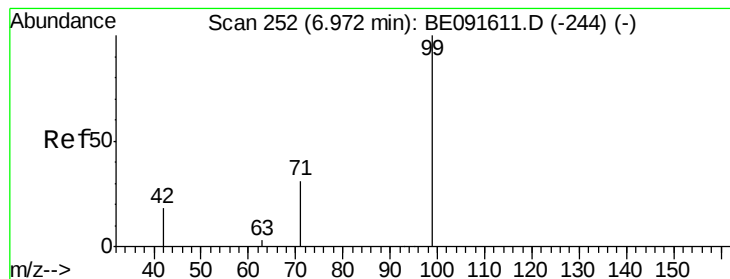


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

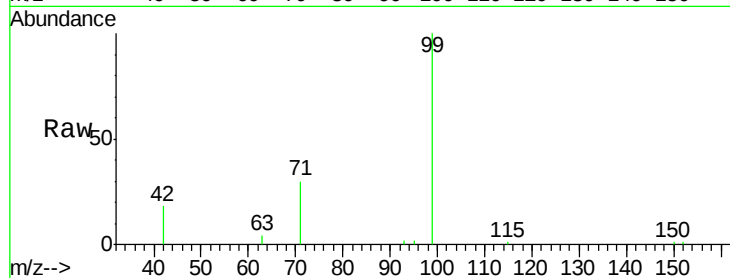
Tot Ion: 99 Resp: 9568

Ion Ratio Lower Upper

99 100

42 26.5 16.2 24.2#

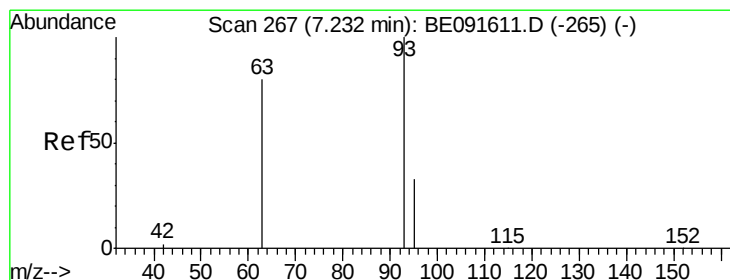
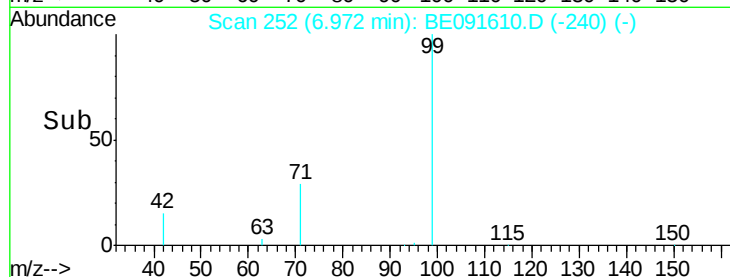
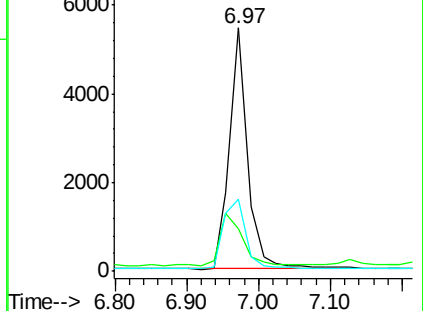
71 35.8 29.0 43.4



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: 0.76 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

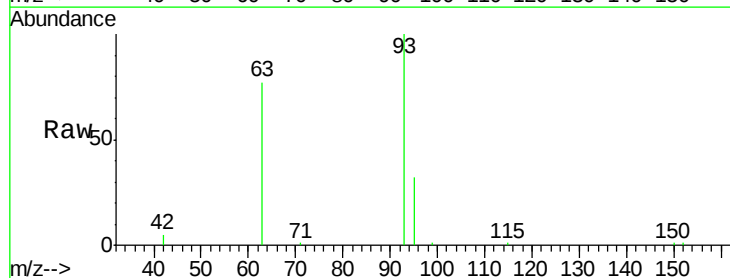
Tgt Ion: 93 Resp: 8577

Ion Ratio Lower Upper

93 100

63 84.8 49.5 74.3#

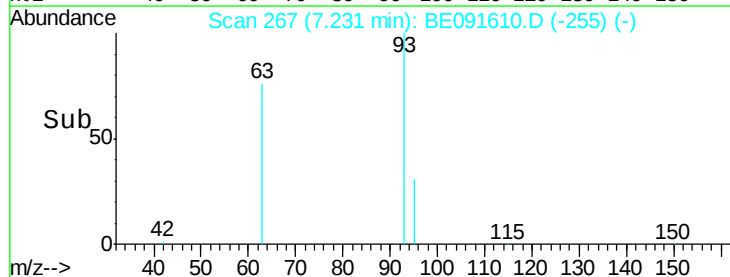
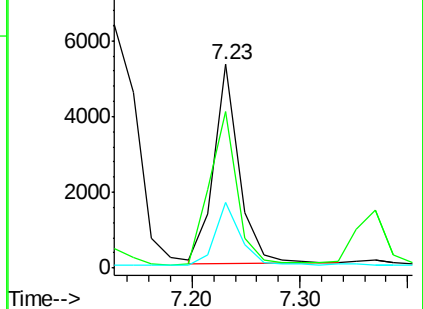
95 32.1 22.2 33.4

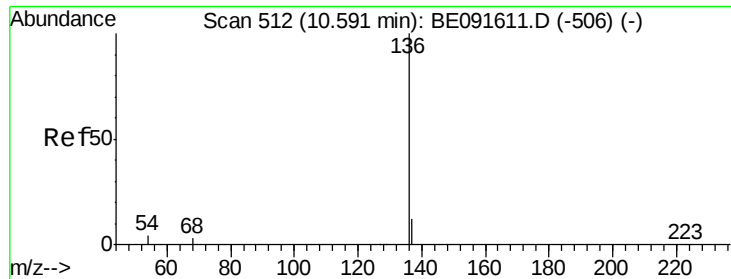


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 174380

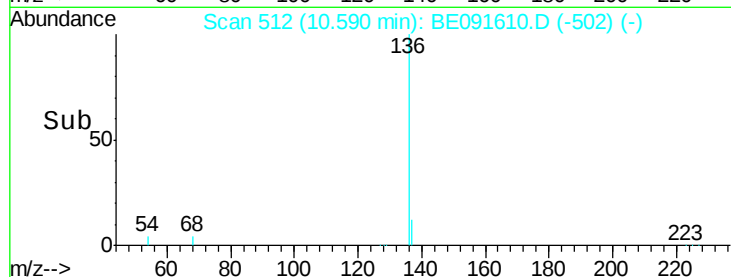
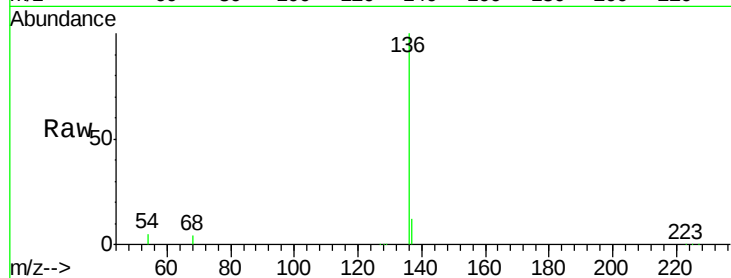
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 4.6 8.2 12.4#

68 3.7 6.2 9.4#



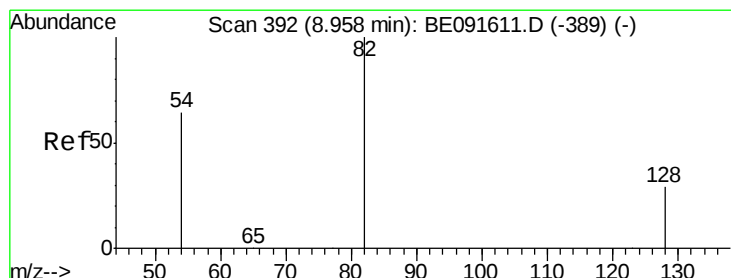
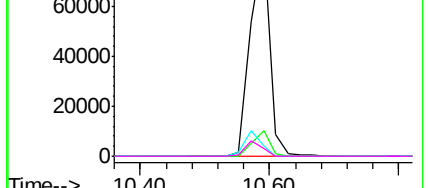
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.96 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

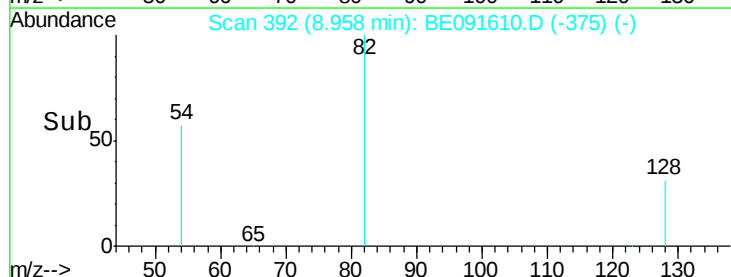
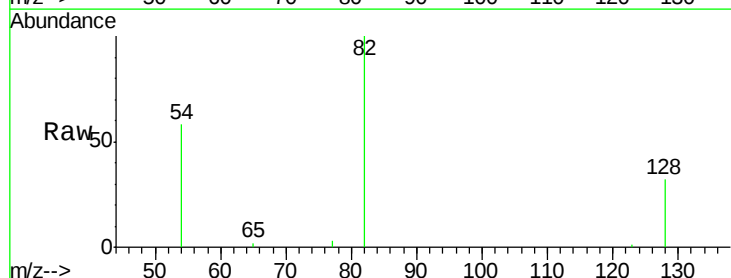
Tgt Ion: 82 Resp: 8185

Ion Ratio Lower Upper

82 100

128 32.4 25.4 38.0

54 58.1 48.4 72.6

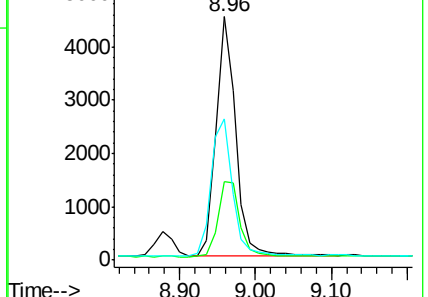


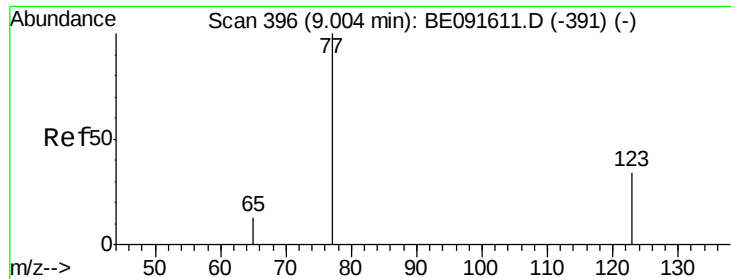
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->

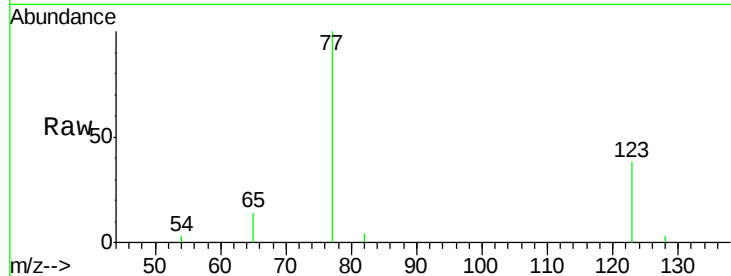




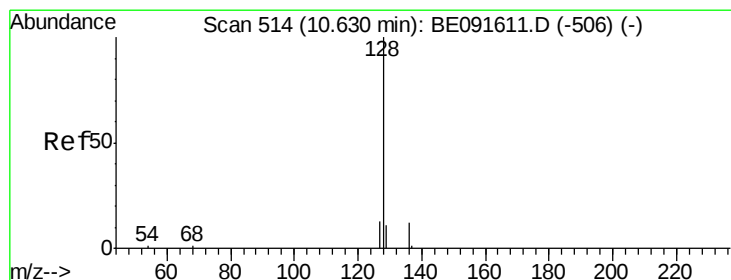
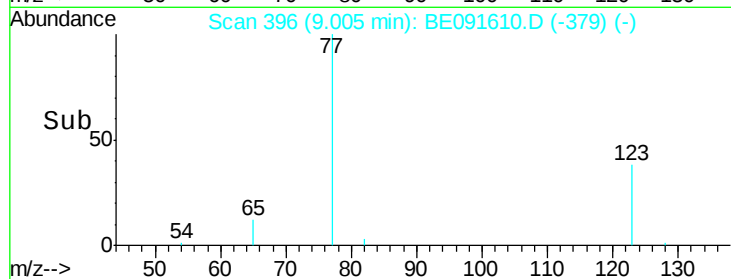
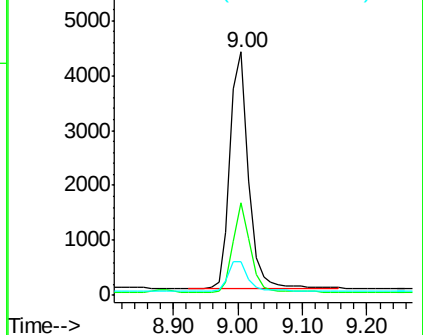
#9
 Nitrobenzene
 Concen: 0.84 ng
 RT: 9.00 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion: 77 Resp: 8488
 Ion Ratio Lower Upper
 77 100
 123 35.5 26.9 40.3
 65 13.4 9.4 14.2

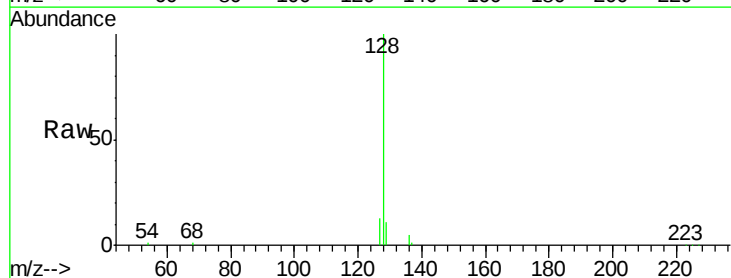


Abundance Ion 77.00 (76.70 to 77.70): BE0
 Ion 123.00 (122.70 to 123.70): BE0
 Ion 65.00 (64.70 to 65.70): BE0

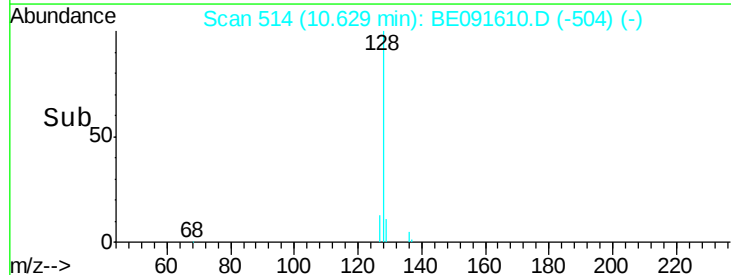
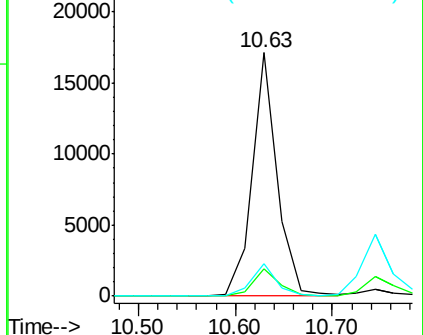


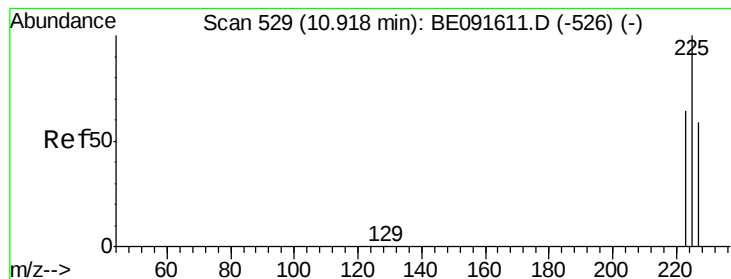
#10
 Naphthalene
 Concen: 0.80 ng
 RT: 10.63 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

Tgt Ion: 128 Resp: 30103
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.3 13.9
 127 13.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#11

Hexachlorobutadiene

Concen: 0.83 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

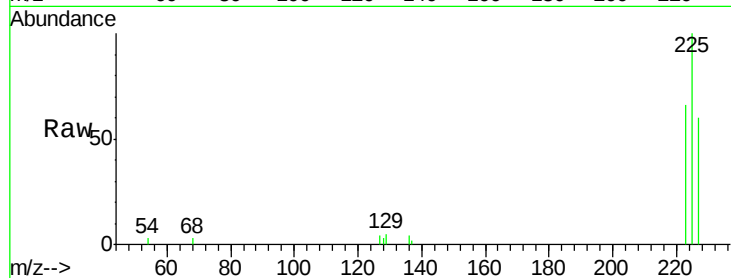
Tot Ion:225 Resp: 5191

Ion Ratio Lower Upper

225 100

223 65.7 49.0 73.6

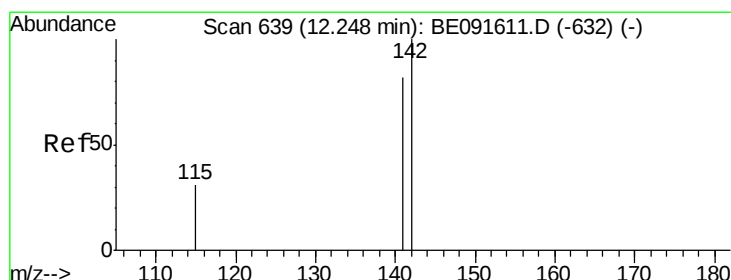
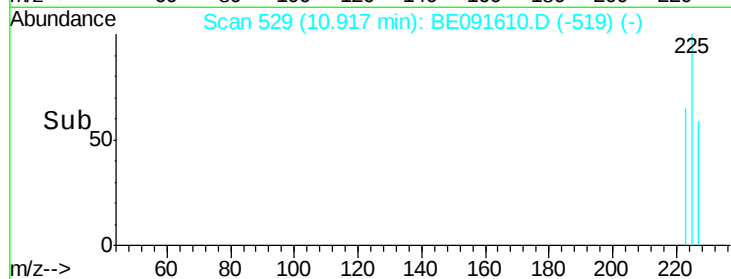
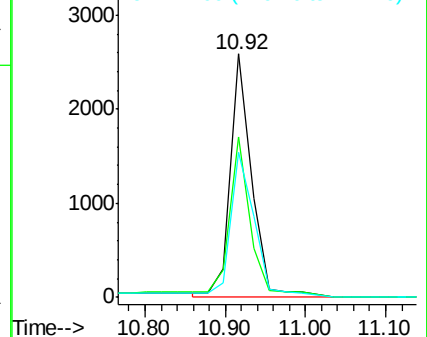
227 66.8 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.85 ng

RT: 12.25 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

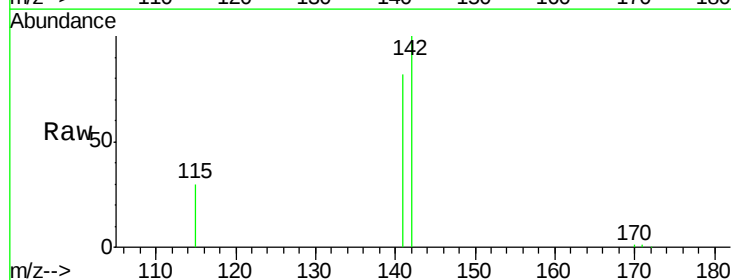
Tgt Ion:142 Resp: 18701

Ion Ratio Lower Upper

142 100

141 81.5 71.4 107.0

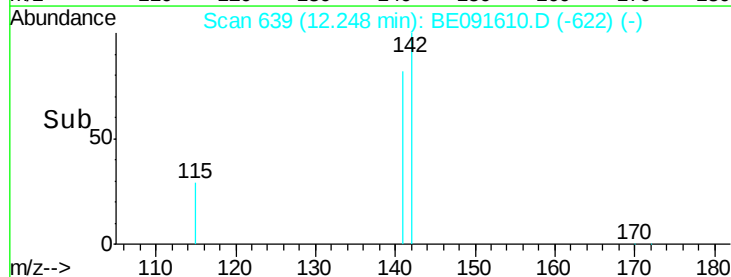
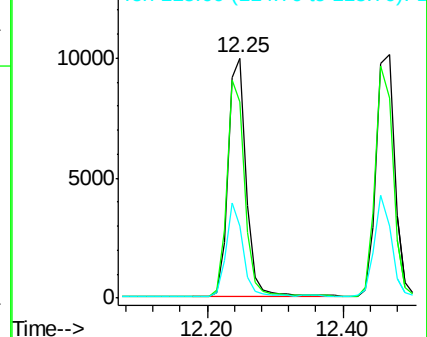
115 29.8 30.3 45.5#

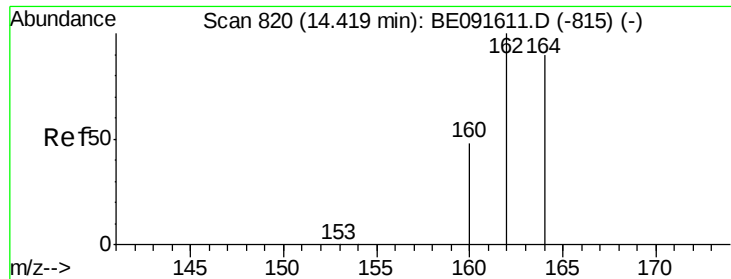


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

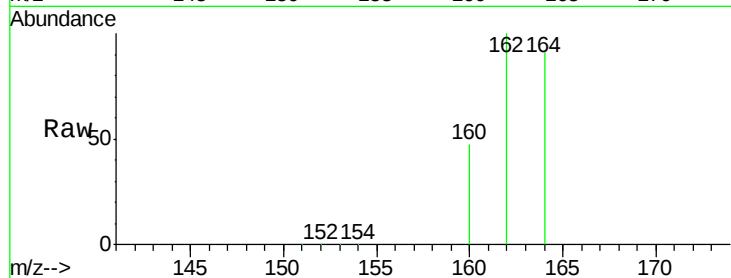
Tot Ion:164 Resp: 101851

Ion Ratio Lower Upper

164 100

162 109.5 85.3 127.9

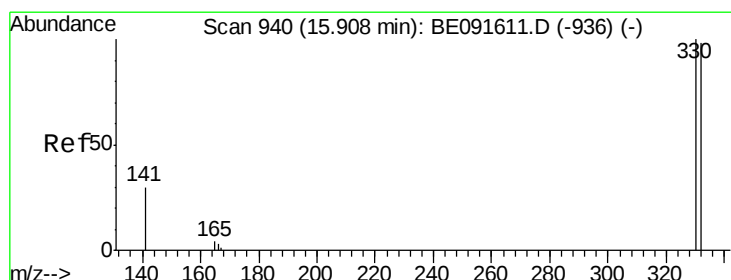
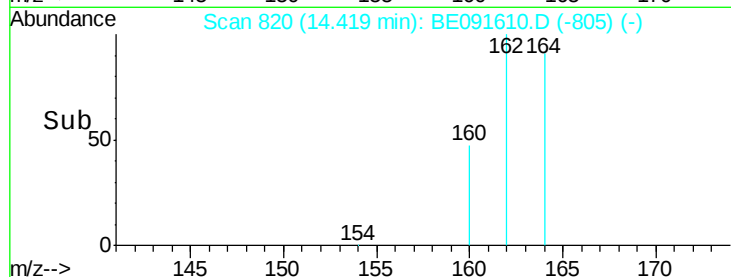
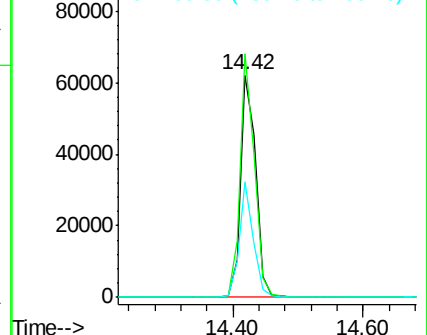
160 51.8 46.2 69.2



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



#14

2,4,6-Tribromophenol

Concen: 0.92 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

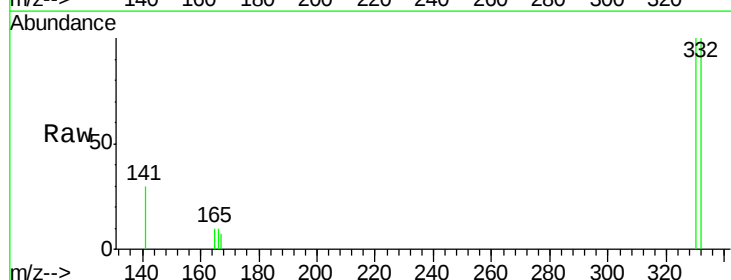
Tgt Ion:330 Resp: 2958

Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

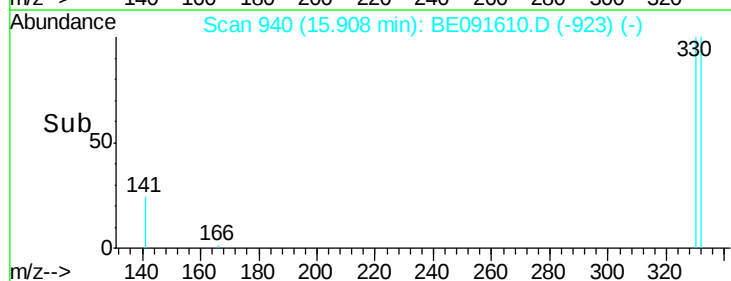
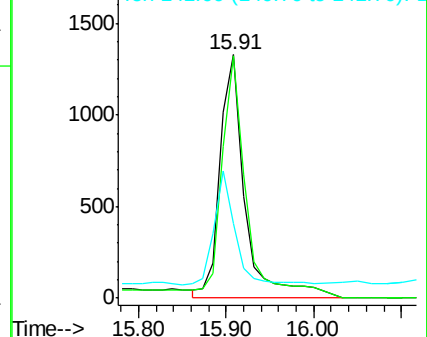
141 33.9 125.4 188.0#

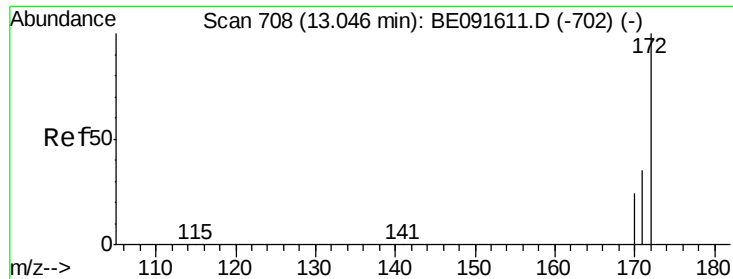


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

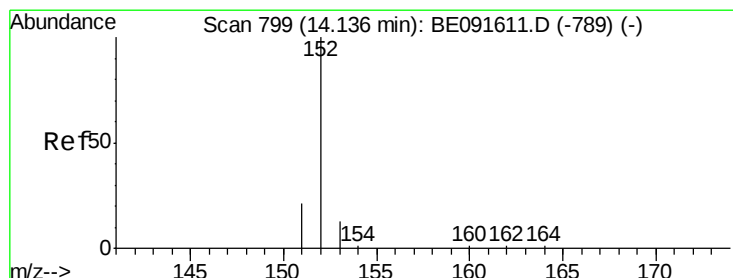
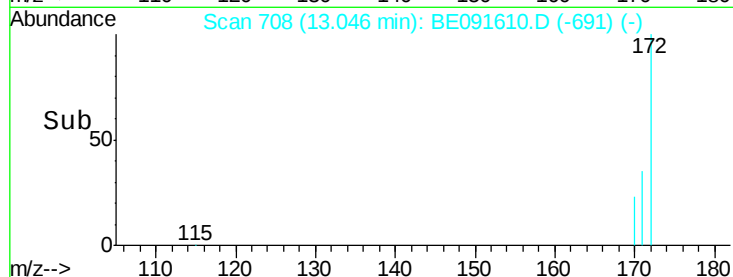
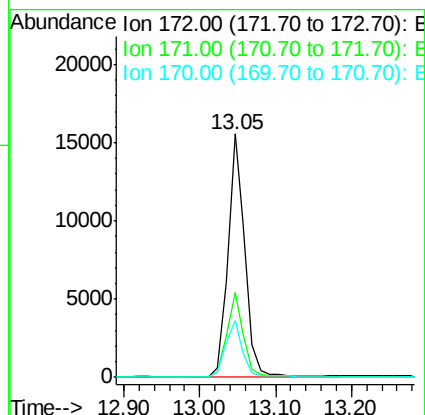
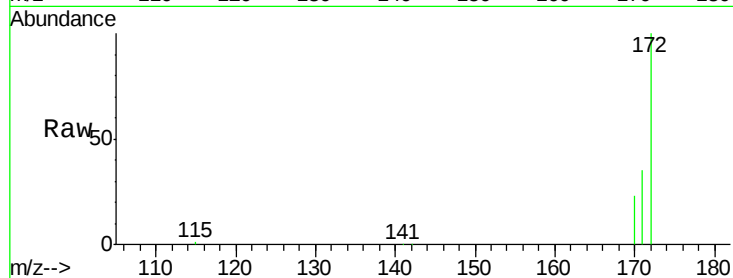




#15
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

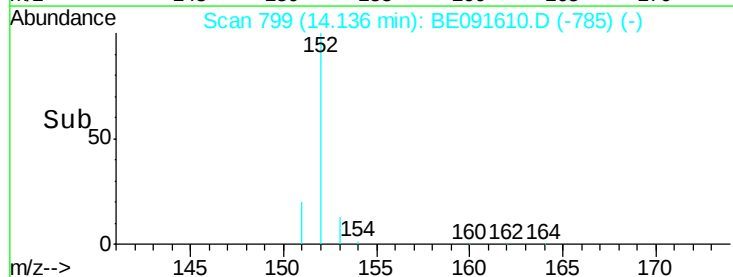
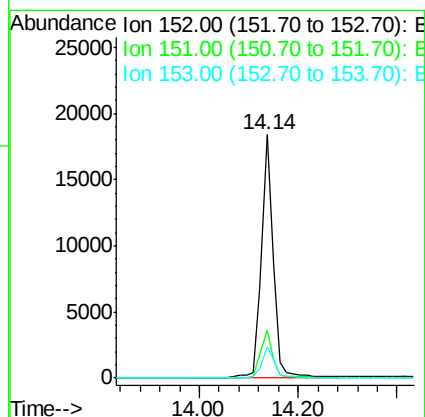
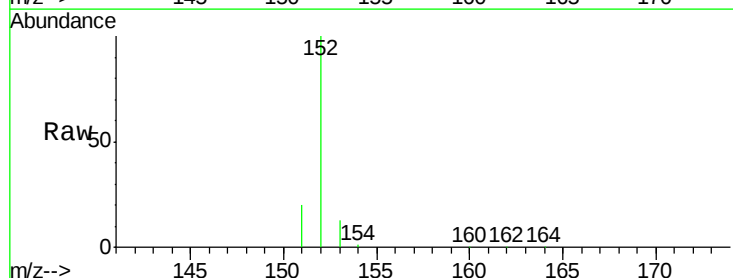
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

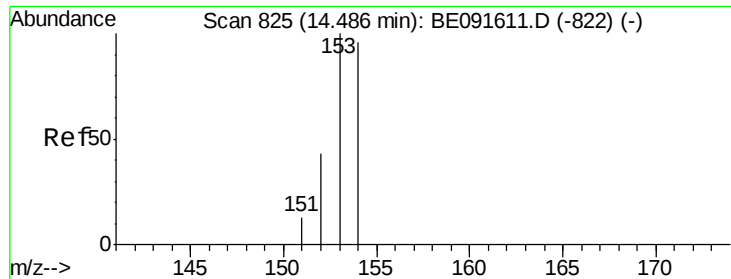
Tot Ion:172 Resp: 24246
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.5 19.3 28.9



#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Tgt Ion:152 Resp: 32558
Ion Ratio Lower Upper
152 100
151 18.3 3.9 5.9#
153 15.5 10.3 15.5#

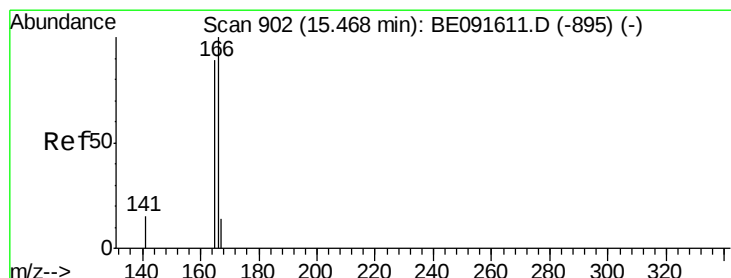
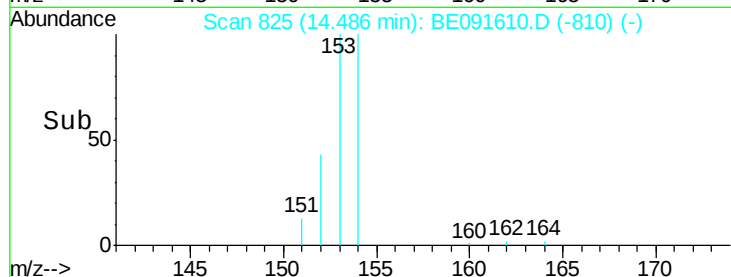
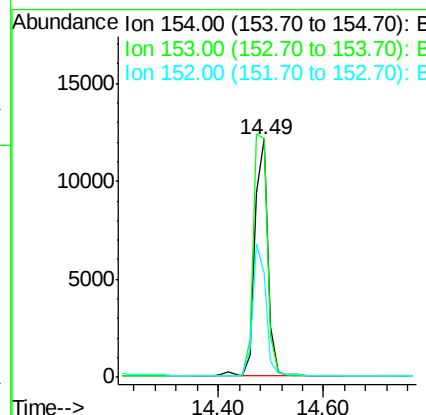
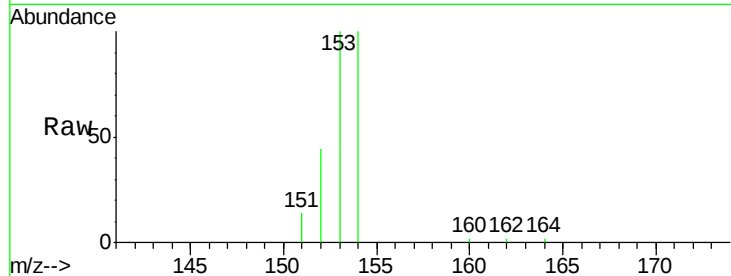




#17
Acenaphthene
Concen: 0.78 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

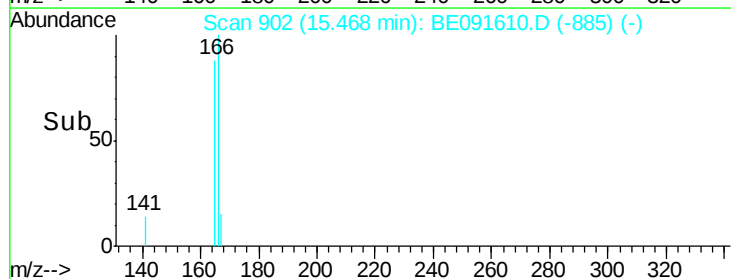
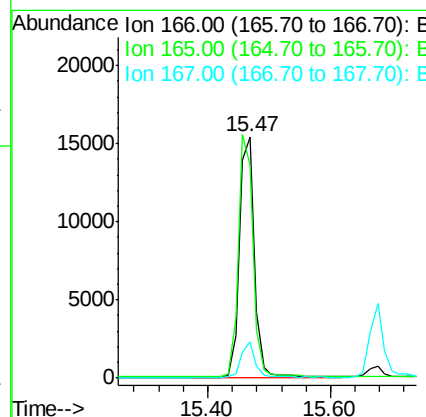
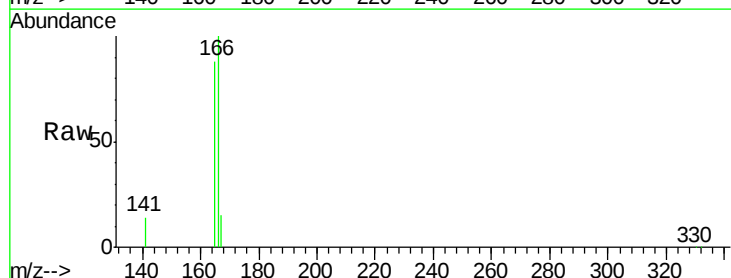
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

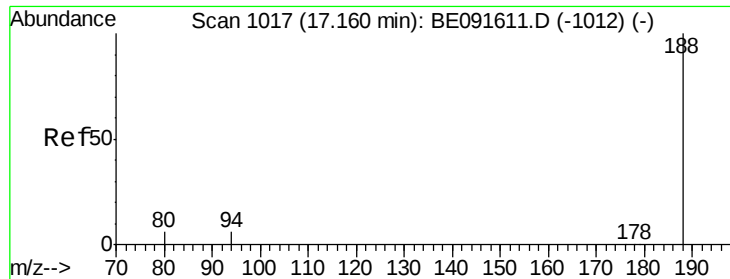
Tot Ion:154 Resp: 21204
Ion Ratio Lower Upper
154 100
153 110.5 80.0 120.0
152 54.8 40.0 60.0



#18
Fluorene
Concen: 0.78 ng
RT: 15.47 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Tgt Ion:166 Resp: 26286
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.4 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

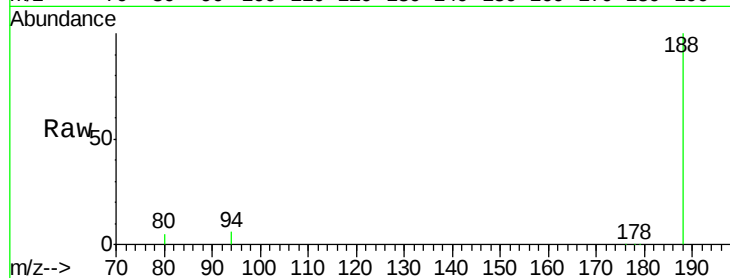
Tot Ion:188 Resp: 253865

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

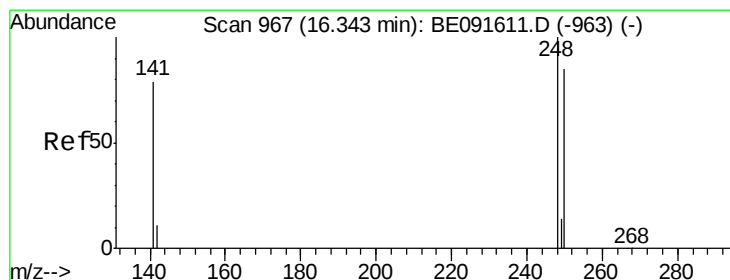
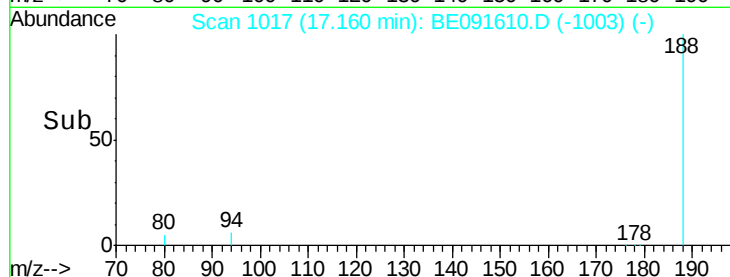
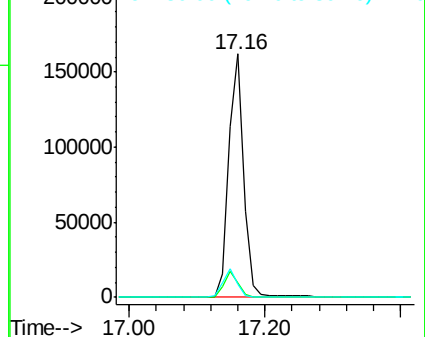
80 5.2 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.78 ng

RT: 16.34 min Scan# 967

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

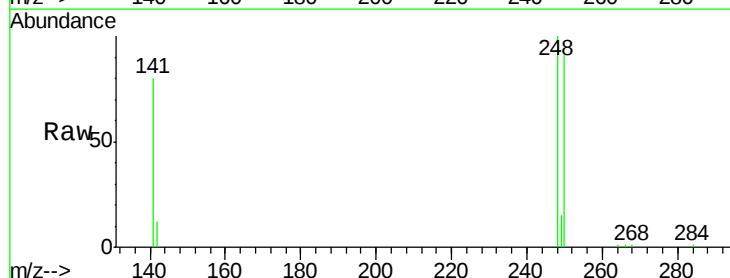
Tgt Ion:248 Resp: 7453

Ion Ratio Lower Upper

248 100

250 98.3 80.5 120.7

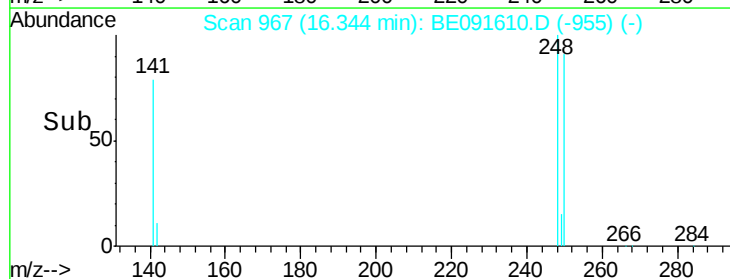
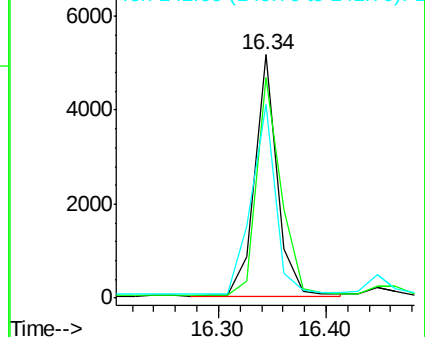
141 85.0 72.0 108.0

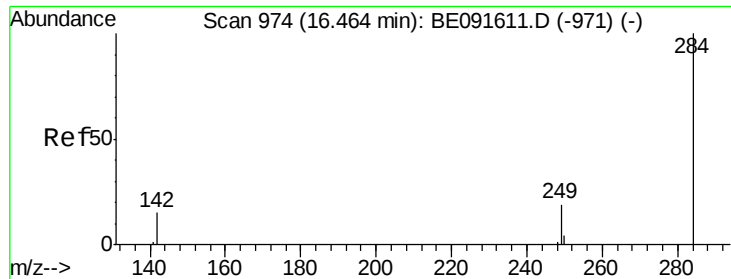


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

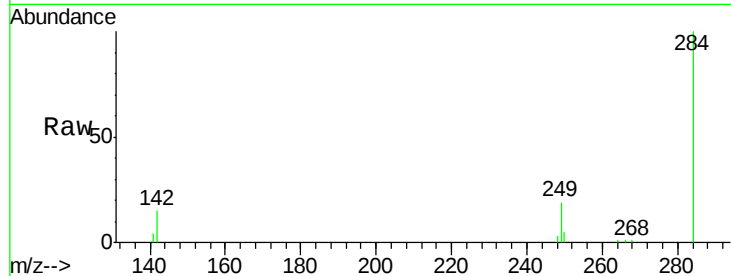




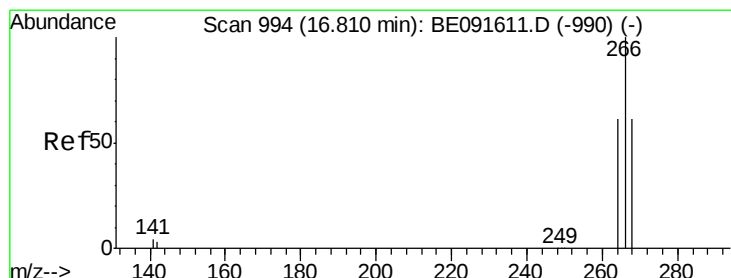
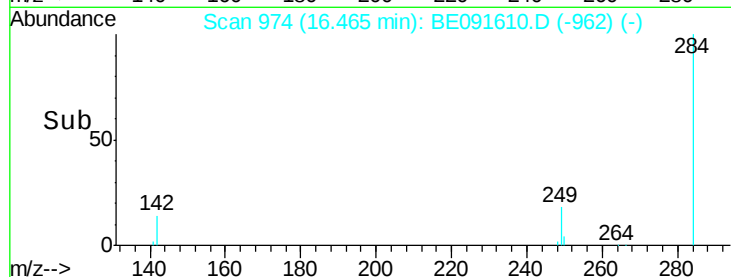
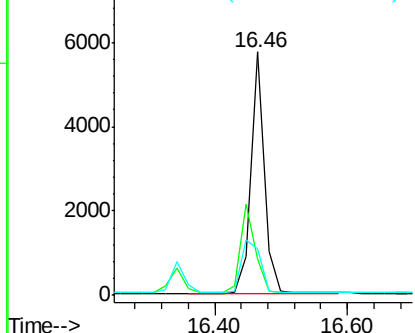
#21
Hexachlorobenzene
Concen: 0.16 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:284 Resp: 8011
Ion Ratio Lower Upper
284 100
142 40.2 32.2 48.2
249 31.4 25.4 38.2

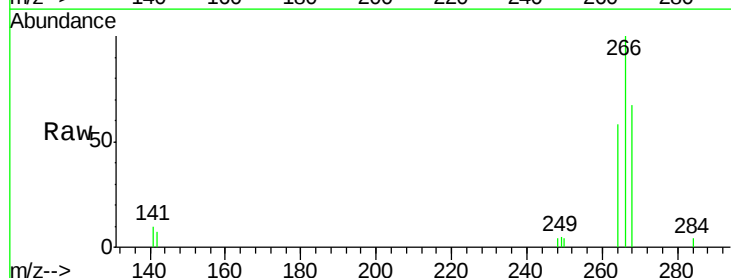


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

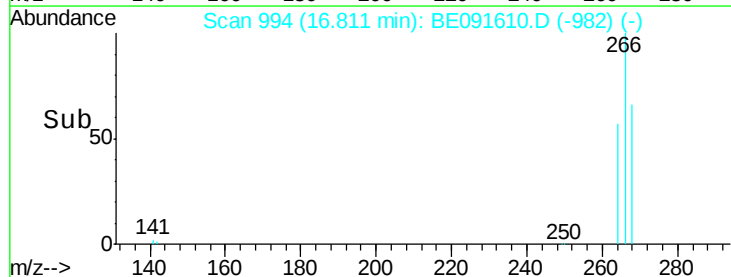
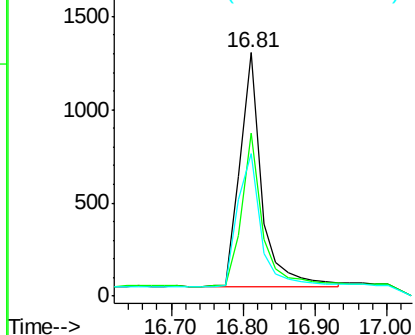


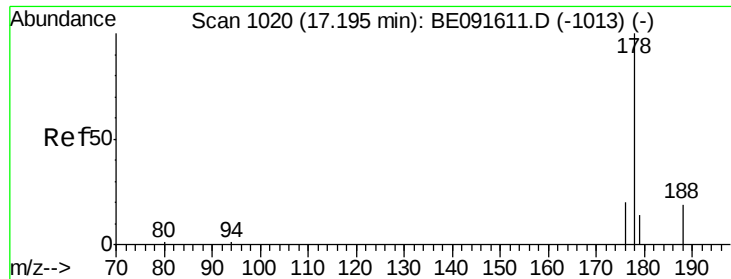
#22
Pentachlorophenol
Concen: 0.74 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Tgt Ion:266 Resp: 2631
Ion Ratio Lower Upper
266 100
268 67.0 58.2 87.2
264 58.3 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

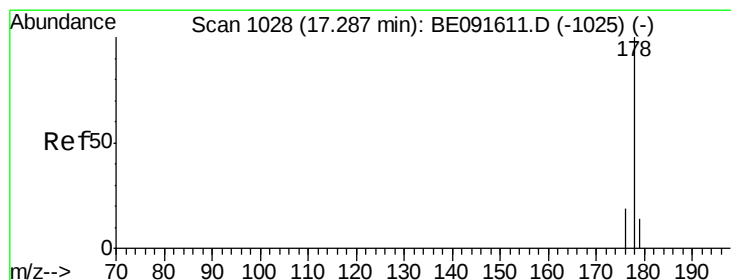
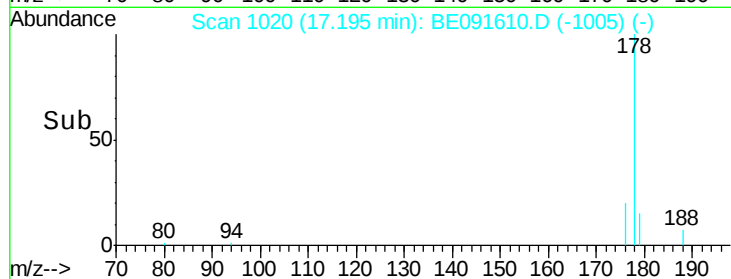
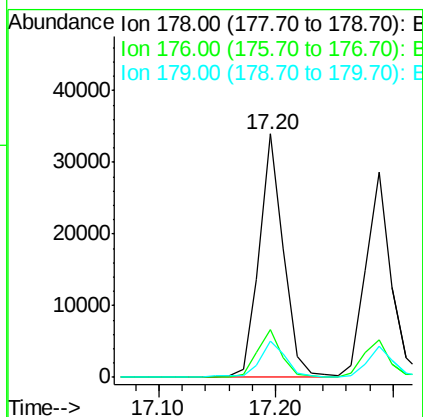
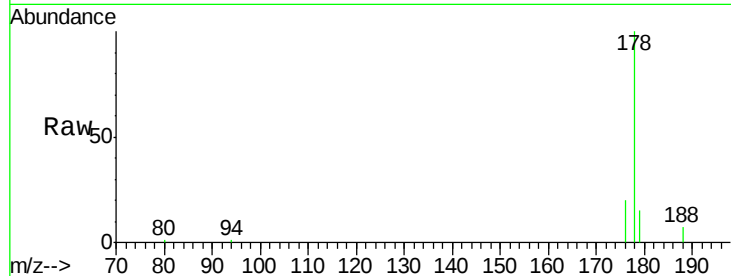




#23
Phenanthrene
Concen: 0.76 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

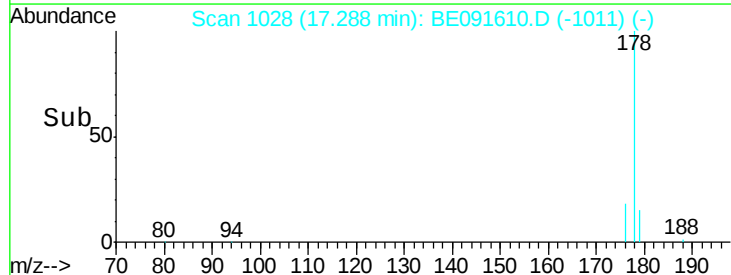
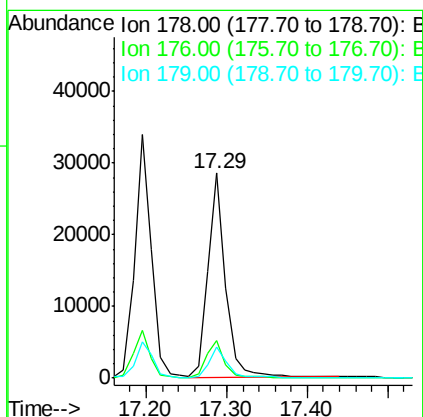
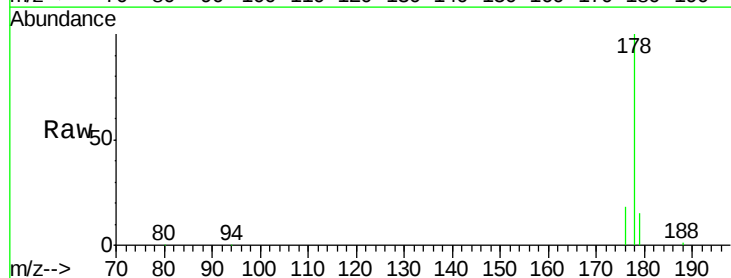
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

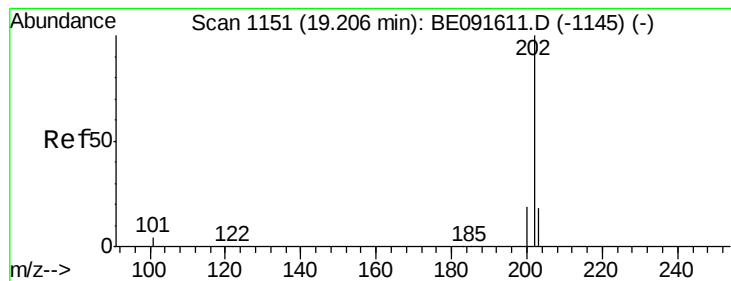
Tot Ion:178 Resp: 48853
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.6 18.8



#24
Anthracene
Concen: 0.76 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Tgt Ion:178 Resp: 43473
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.2 11.8 17.6





#25

Fluoranthene

Concen: 0.69 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

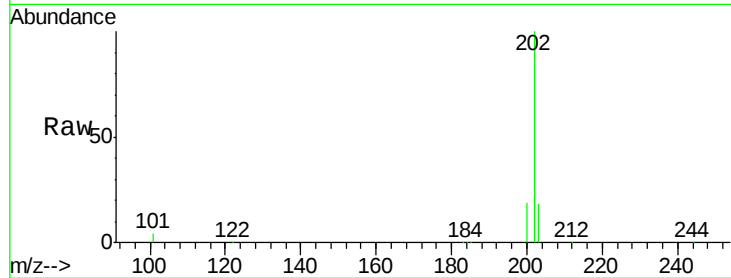
Tot Ion:202 Resp: 52507

Ion Ratio Lower Upper

202 100

101 10.6 11.0 16.6#

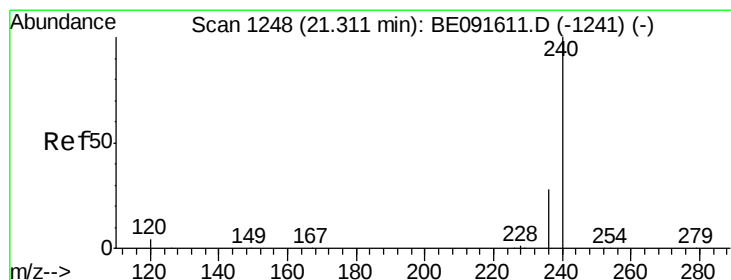
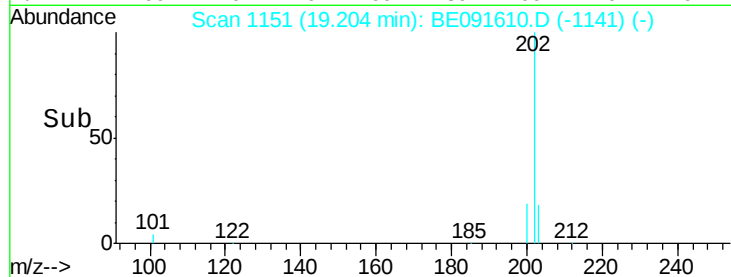
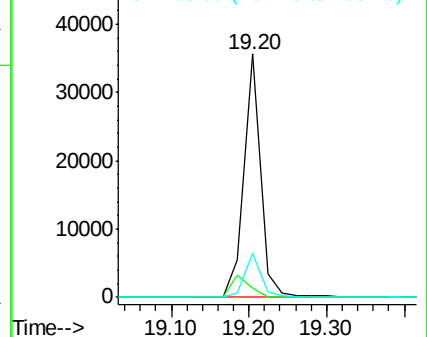
203 17.6 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

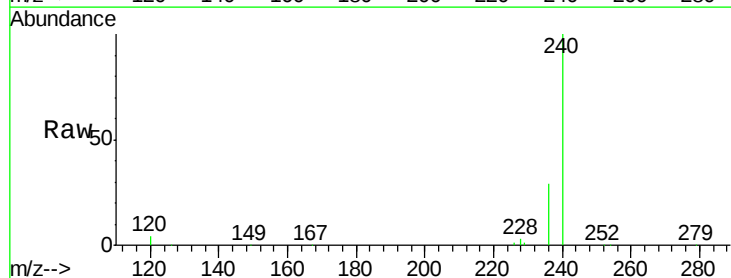
Tgt Ion:240 Resp: 330086

Ion Ratio Lower Upper

240 100

120 4.2 11.0 16.4#

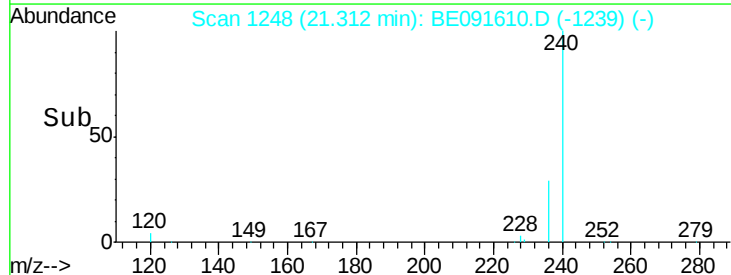
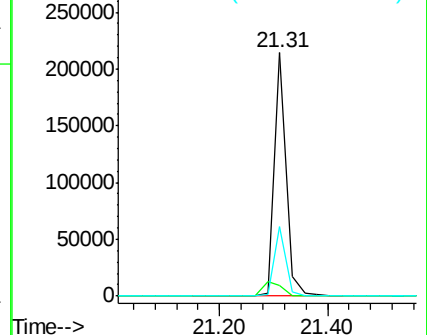
236 28.7 21.7 32.5

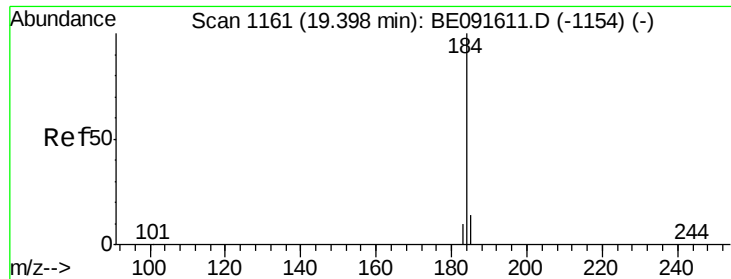


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.11 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.36 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

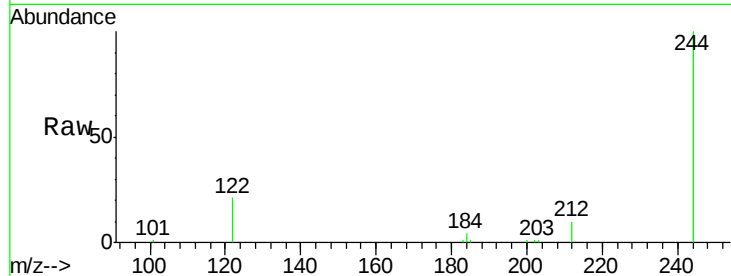
Tot Ion:184 Resp: 655

Ion Ratio Lower Upper

184 100

185 26.1 22.3 33.5

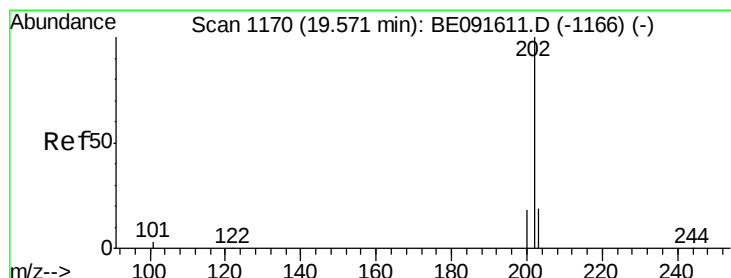
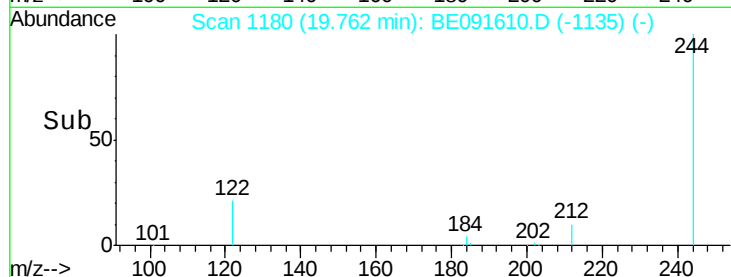
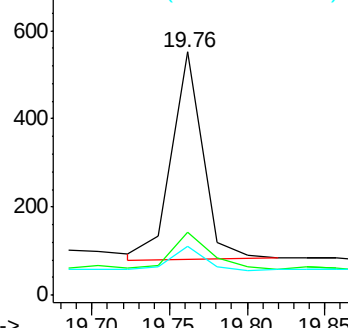
183 19.9 16.4 24.6



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



#28

Pyrene

Concen: 0.66 ng

RT: 19.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

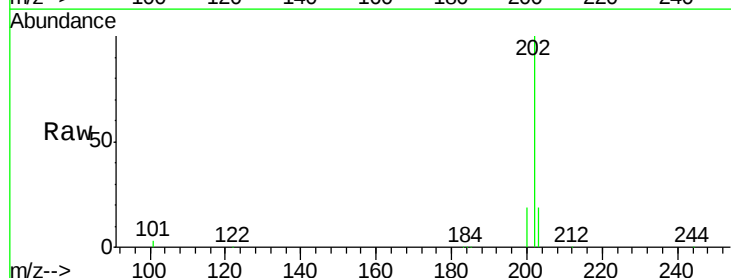
Tgt Ion:202 Resp: 55382

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

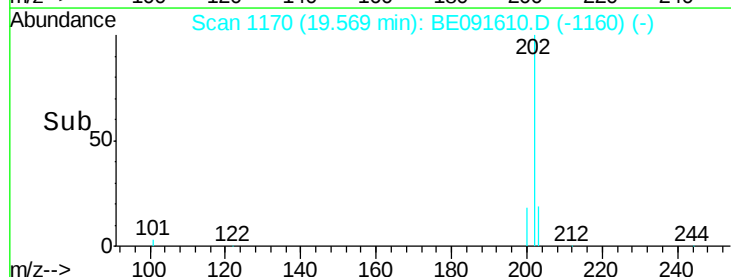
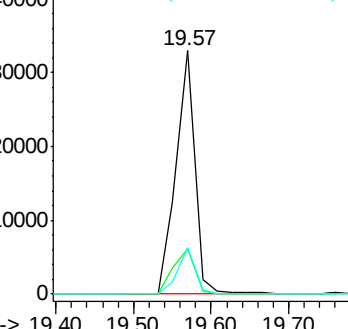
203 17.6 14.0 21.0

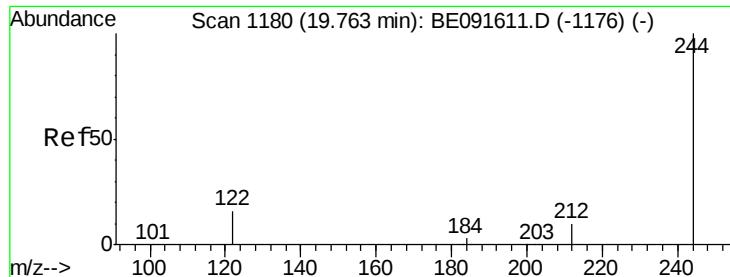


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.81 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

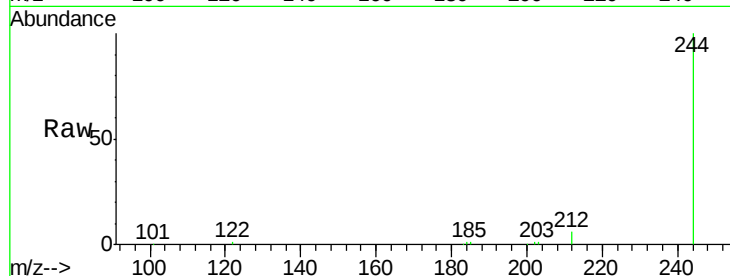
Tot Ion:244 Resp: 33651

Ion Ratio Lower Upper

244 100

212 6.4 6.9 10.3#

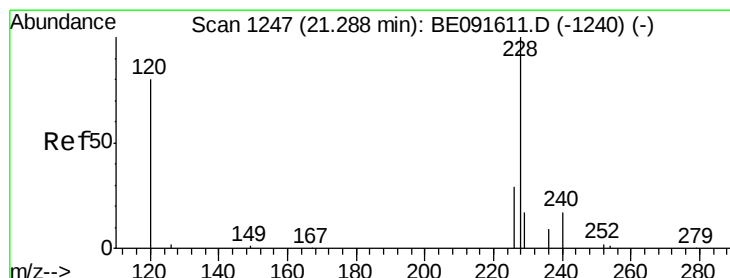
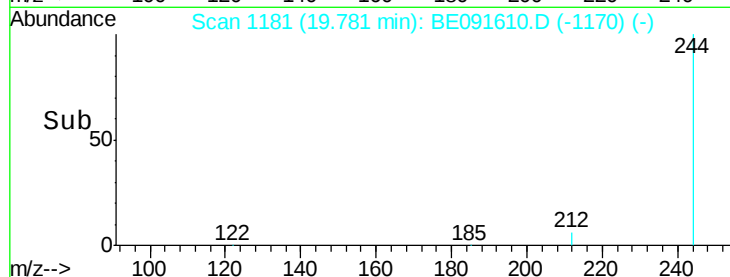
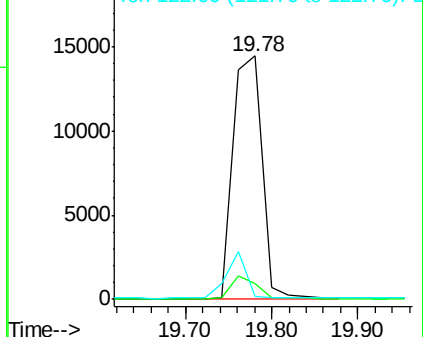
122 1.4 11.0 16.4#



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: 1.47 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

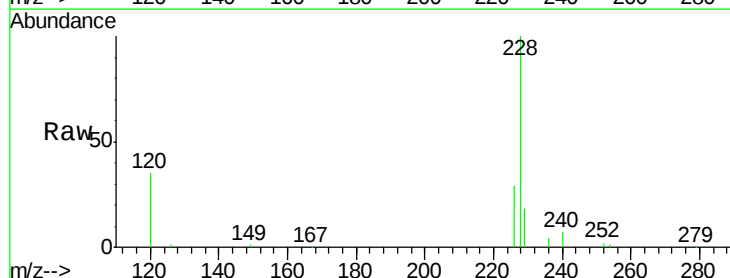
Tgt Ion:228 Resp: 114429

Ion Ratio Lower Upper

228 100

226 29.2 21.0 31.4

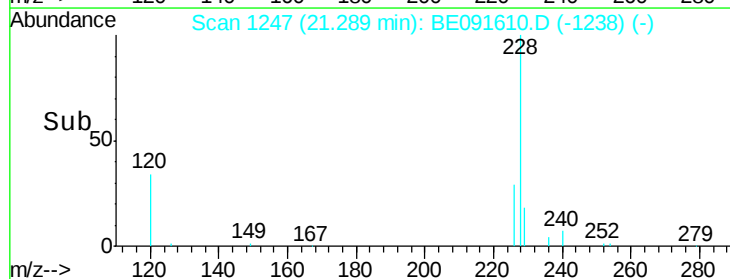
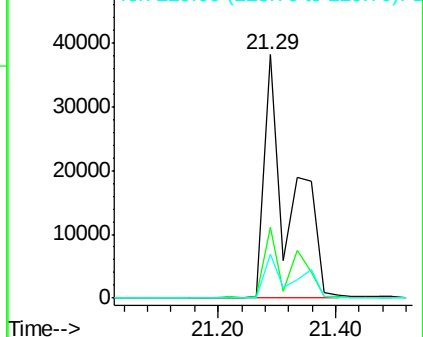
229 17.8 15.7 23.5

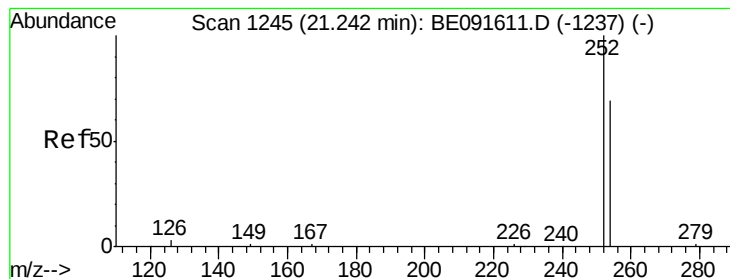


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 2.50 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

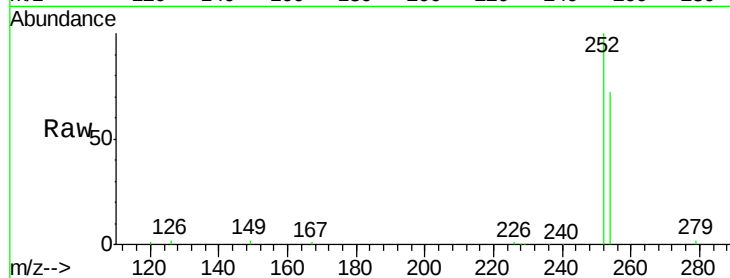
Tot Ion:252 Resp: 33147

Ion Ratio Lower Upper

252 100

254 72.4 51.1 76.7

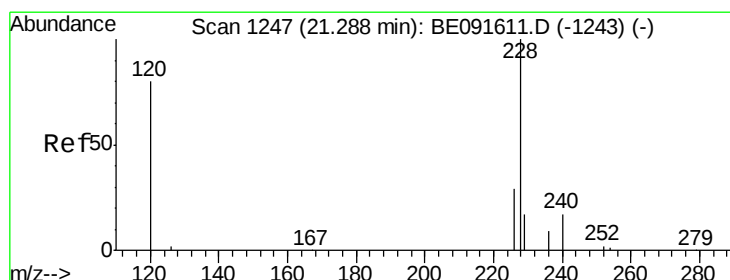
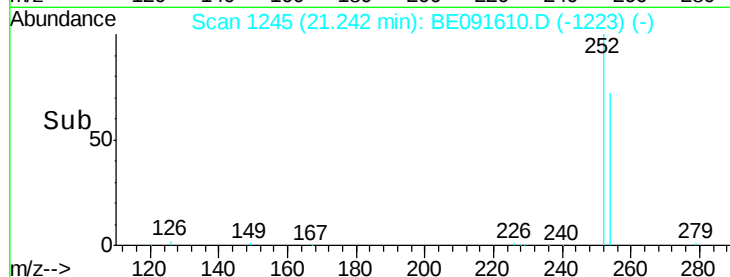
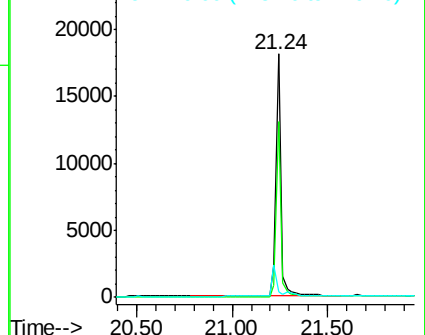
126 2.2 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 1.16 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

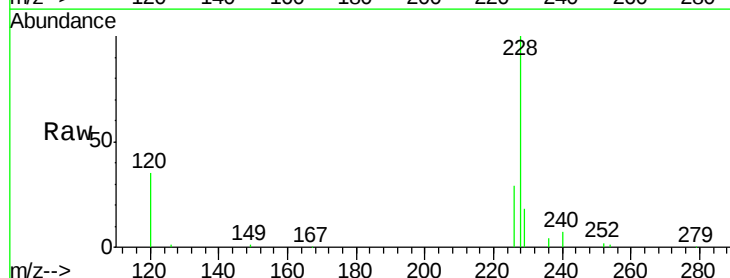
Tgt Ion:228 Resp: 115242

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

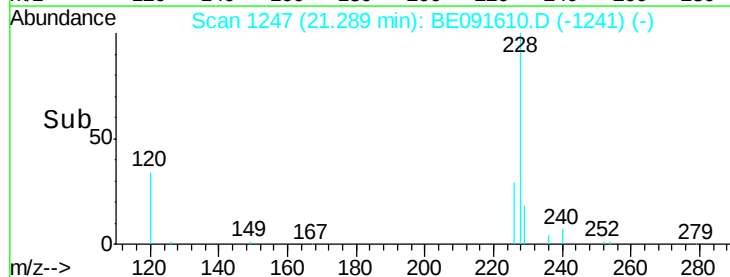
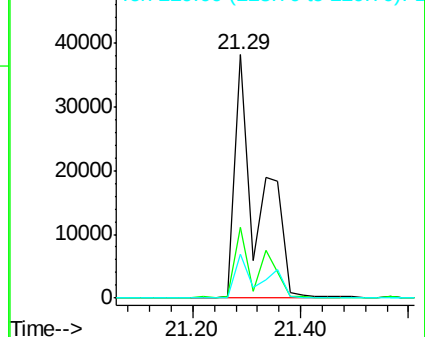
229 17.8 15.9 23.9

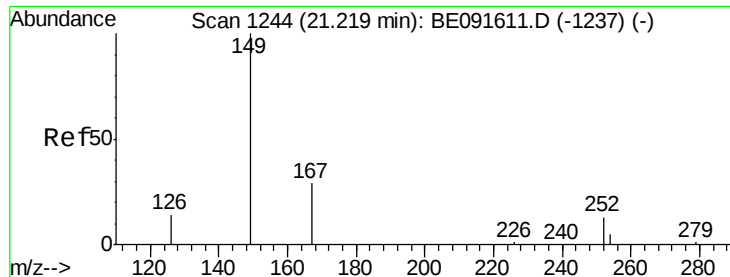


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

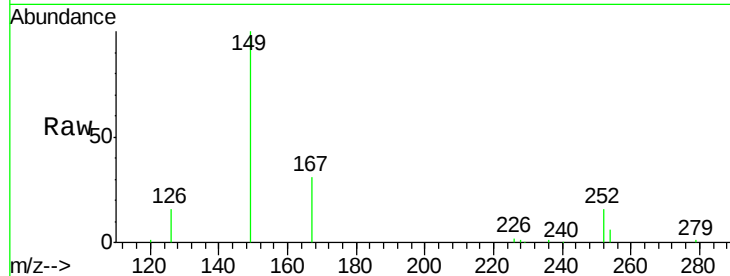




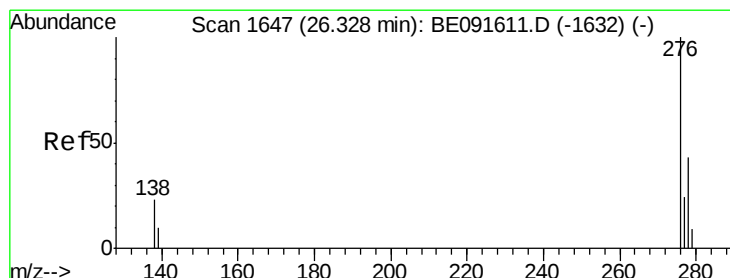
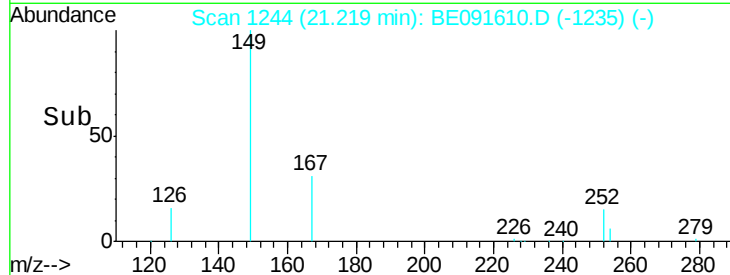
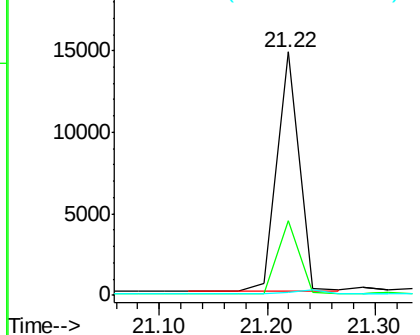
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.69 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:149 Resp: 21358
 Ion Ratio Lower Upper
 149 100
 167 30.1 19.5 29.3#
 279 0.0 10.0 15.0#

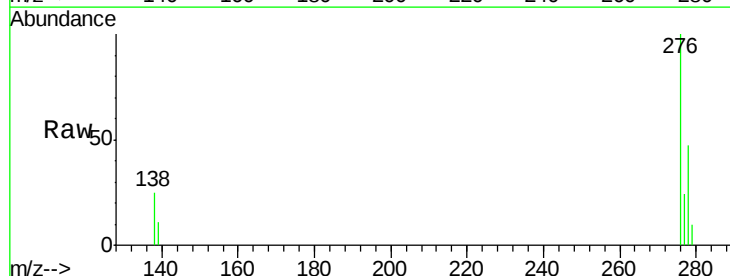


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

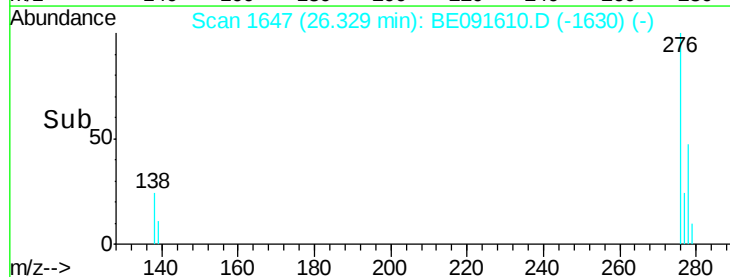
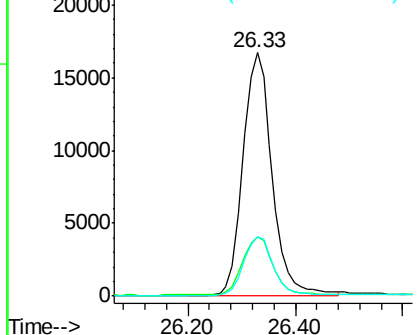


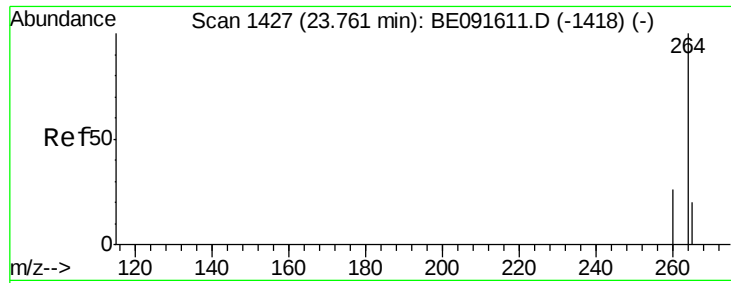
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.78 ng
 RT: 26.33 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

Tgt Ion:276 Resp: 62617
 Ion Ratio Lower Upper
 276 100
 138 25.4 23.4 35.2
 277 24.7 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

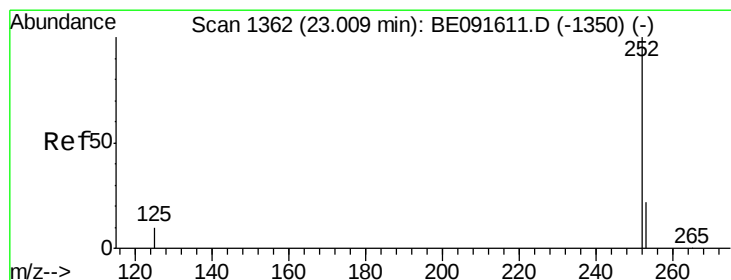
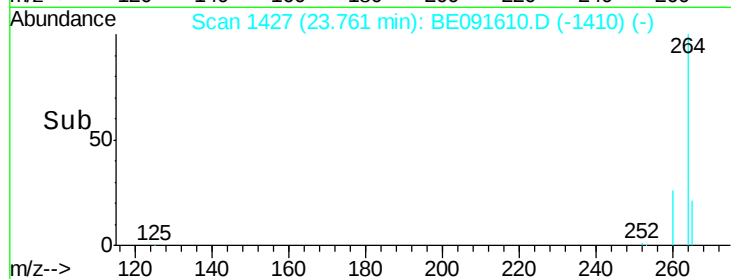
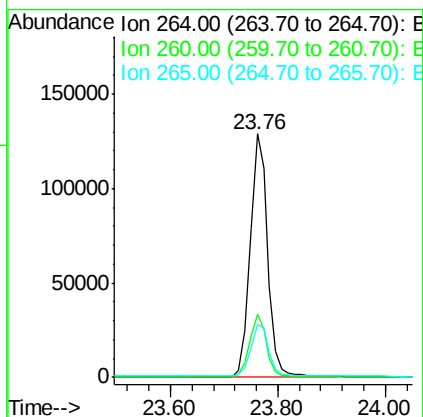
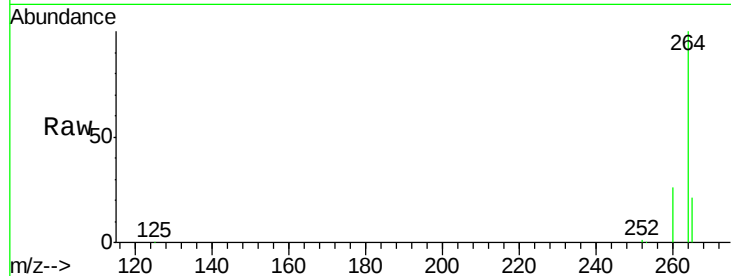




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

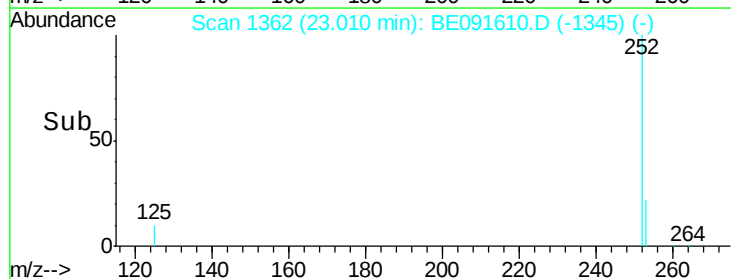
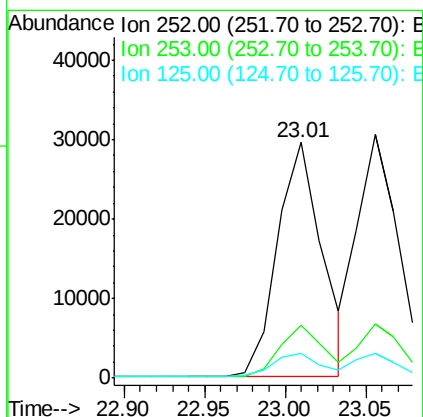
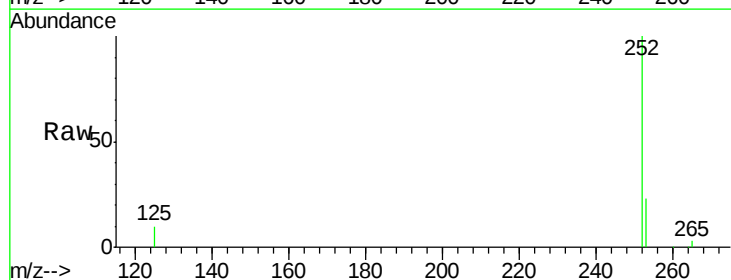
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

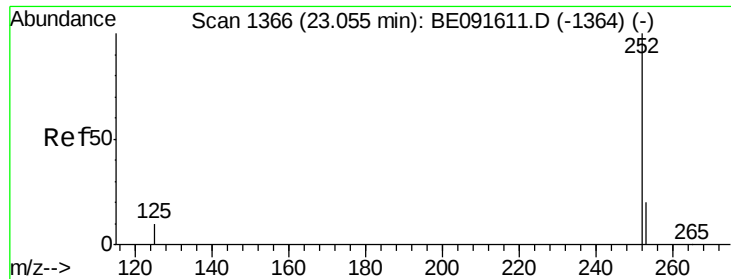
Tot Ion:264 Resp: 293833
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.0 30.0
 265 21.5 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.88 ng
 RT: 23.01 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BE091610.D
 Acq: 8 Apr 2016 13:41

Tgt Ion:252 Resp: 57018
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 10.2 10.2 15.2

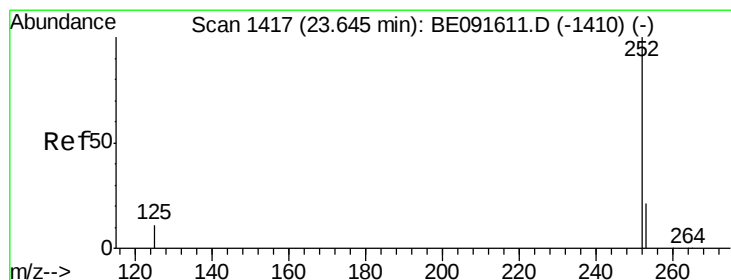
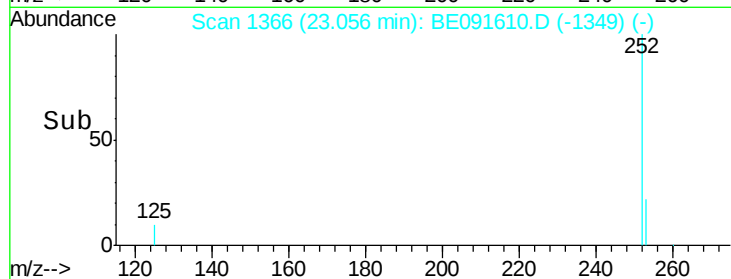
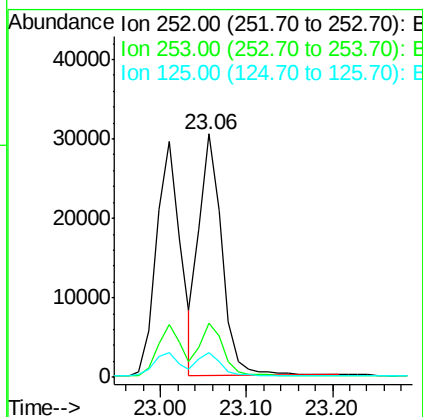
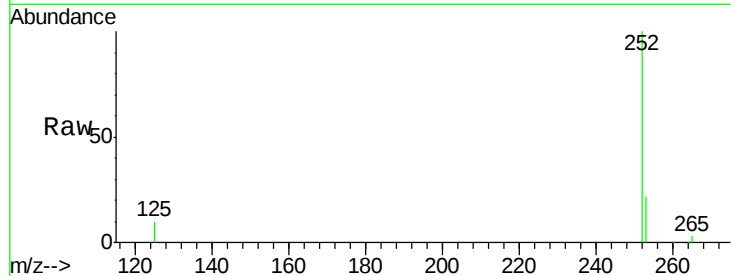




#37
Benzo(k)fluoranthene
Concen: 0.63 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

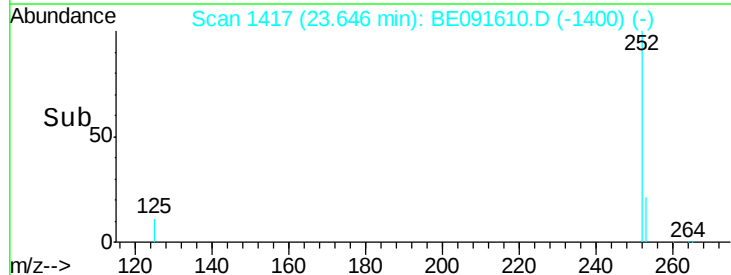
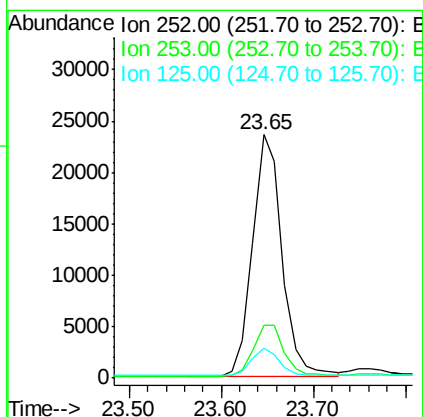
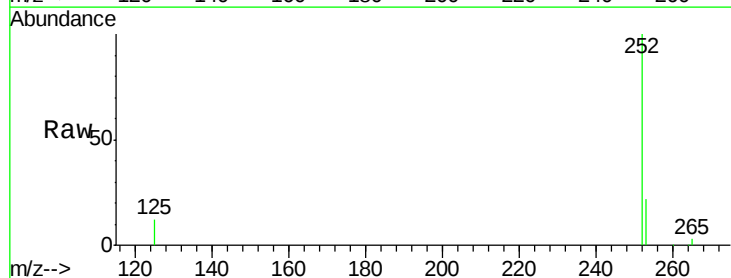
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

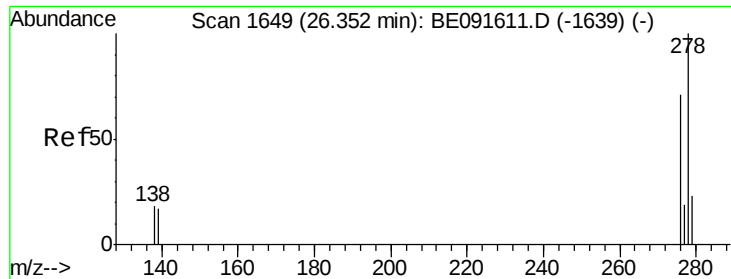
Tot Ion:252 Resp: 55841
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.3 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.87 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091610.D
Acq: 8 Apr 2016 13:41

Tgt Ion:252 Resp: 52008
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.3 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.87 ng

RT: 26.35 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

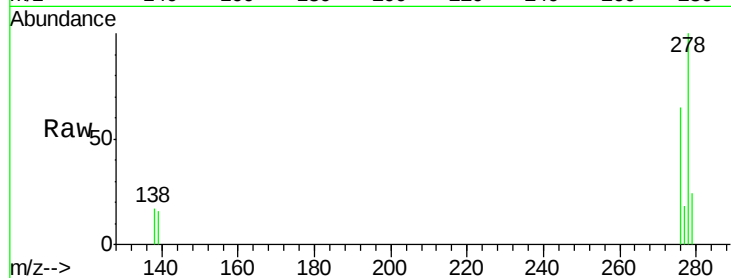
Tot Ion:278 Resp: 51593

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

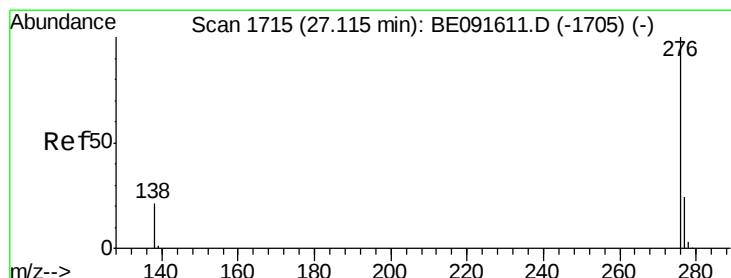
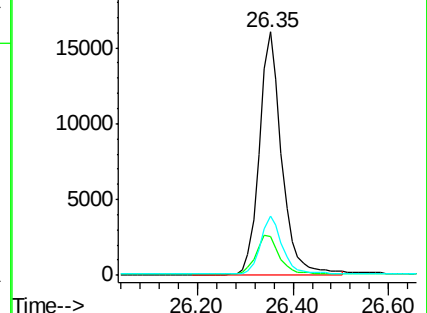
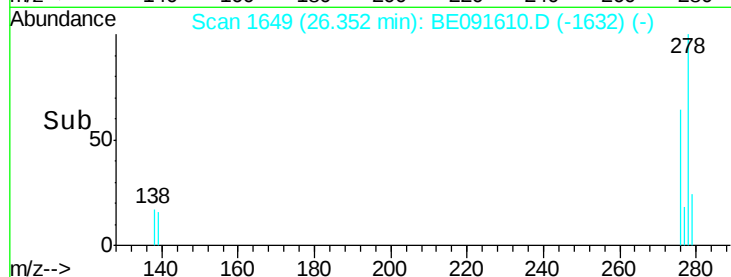
279 24.5 19.4 29.2



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: 0.83 ng

RT: 27.12 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE091610.D

Acq: 8 Apr 2016 13:41

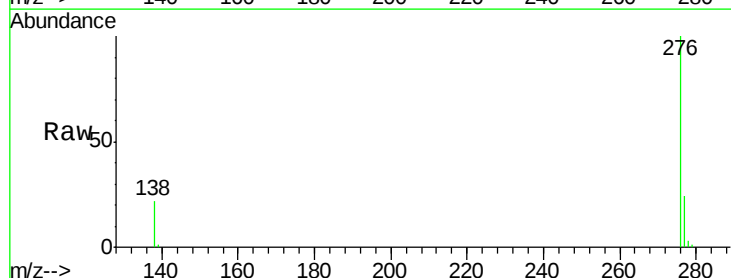
Tgt Ion:276 Resp: 53212

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 22.1 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

