

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091665.D
 Acq On : 18 Apr 2016 15:04
 Operator : UM/SJ
 Sample : SSTDICC05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC05

Quant Time: Apr 18 16:10:10 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 14:18:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35292	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	173736	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	106648	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	248060	5.00	ng	0.00
26) Chrysene-d12	21.31	240	322274	5.00	ng	0.00
35) Perylene-d12	23.76	264	280679	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	38582	4.58	ng	0.00
5) Phenol-d6	6.97	99	55659	4.96	ng	0.00
8) Nitrobenzene-d5	8.96	82	49653	4.92	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	19176	6.52	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	143278	4.83	ng	0.00
29) Terphenyl-d14	19.76	244	218232	5.42	ng	0.00

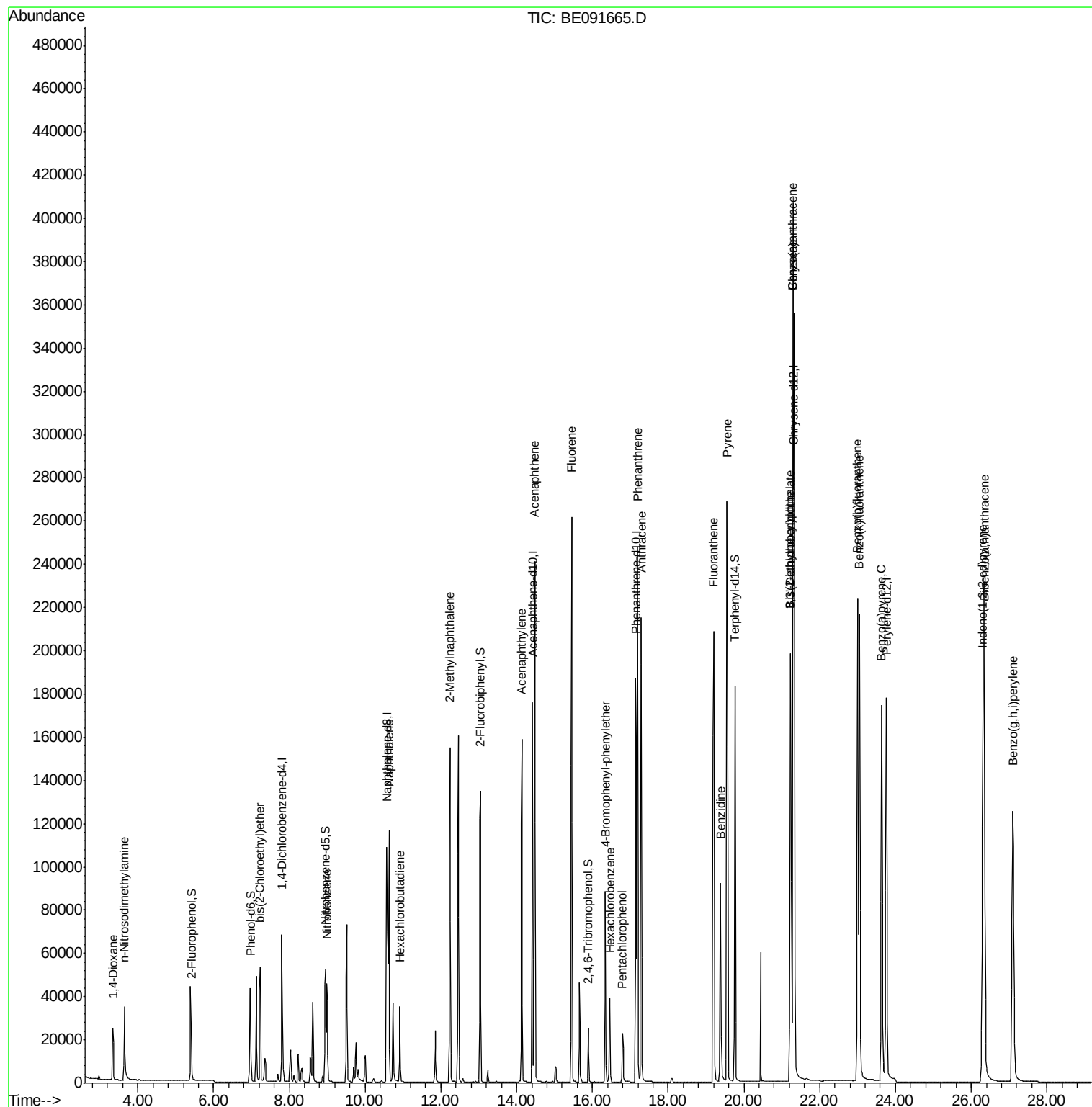
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	18184	4.03	ng	# 87
3) n-Nitrosodimethylamine	3.65	42	26595	4.91	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	49041	5.04	ng	# 76
9) Nitrobenzene	8.99	77	54799	5.16	ng	94
10) Naphthalene	10.63	128	170486	4.76	ng	98
11) Hexachlorobutadiene	10.92	225	27253	5.17	ng	98
12) 2-Methylnaphthalene	12.24	142	113821	4.98	ng	98
16) Acenaphthylene	14.14	152	218291	5.27	ng	# 86
17) Acenaphthene	14.47	154	126525	4.84	ng	90
18) Fluorene	15.46	166	162867	4.98	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	45315	5.18	ng	96
21) Hexachlorobenzene	16.46	284	45832	5.05	ng	97
22) Pentachlorophenol	16.79	266	19325	5.74	ng	# 87
23) Phenanthrene	17.19	178	277418	4.90	ng	99
24) Anthracene	17.29	178	267505	5.33	ng	98
25) Fluoranthene	19.20	202	291760	4.87	ng	98
27) Benzidine	19.38	184	121946	5.75	ng	# 75
28) Pyrene	19.55	202	332193	5.15	ng	99
30) Benzo(a)anthracene	21.29	228	729952	10.12	ng	98
31) 3,3'-Dichlorobenzidine	21.22	252	183059	4.74	ng	# 78
32) Chrysene	21.29	228	732645	11.20	ng	94
33) Bis(2-ethylhexyl)phthalate	21.22	149	92177	2.90	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.31	276	351115	4.81	ng	97
36) Benzo(b)fluoranthene	23.00	252	312418	4.79	ng	97
37) Benzo(k)fluoranthene	23.04	252	332220	5.17	ng	97
38) Benzo(a)pyrene	23.63	252	297948	4.92	ng	96
39) Dibenzo(a,h)anthracene	26.34	278	296325	4.97	ng	# 95
40) Benzo(g,h,i)perylene	27.10	276	297497	4.84	ng	97

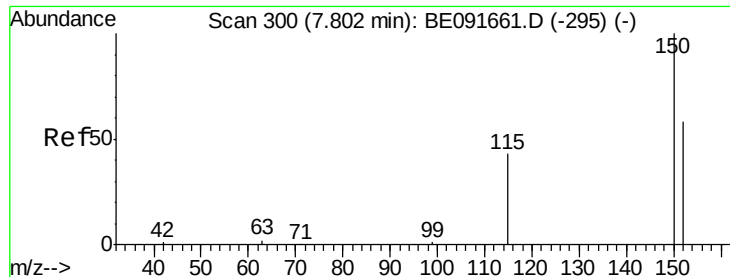
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC05

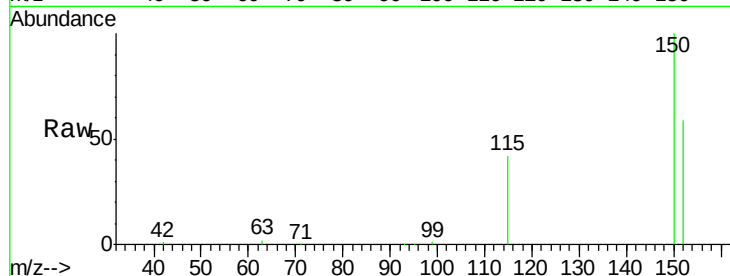
Tot Ion:152 Resp: 35292

Ion Ratio Lower Upper

152 100

150 168.3 122.6 183.8

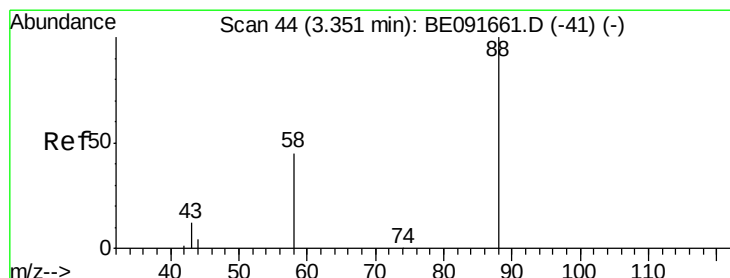
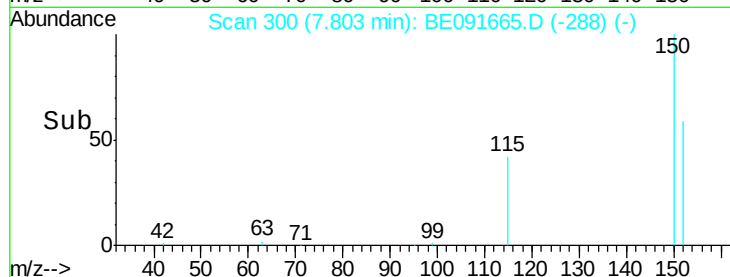
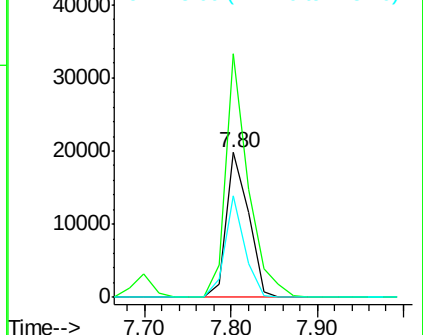
115 70.4 52.8 79.2



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: 4.03 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

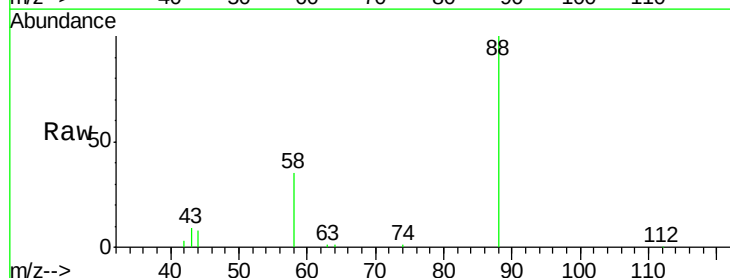
Tgt Ion: 88 Resp: 18184

Ion Ratio Lower Upper

88 100

58 92.7 65.8 98.6

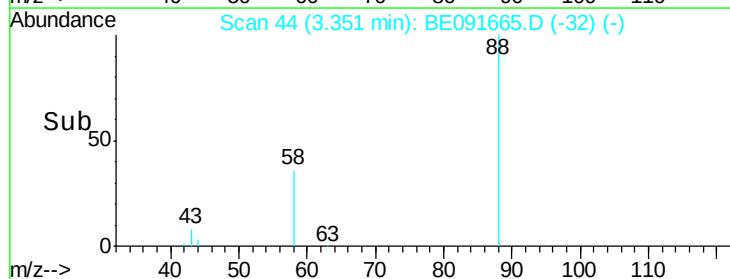
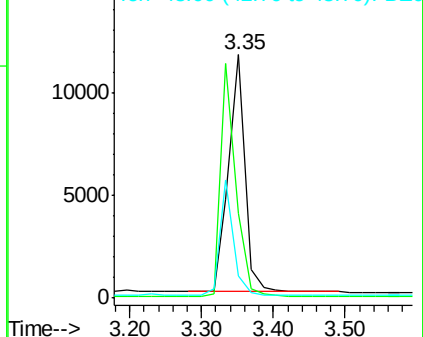
43 40.4 25.3 37.9#

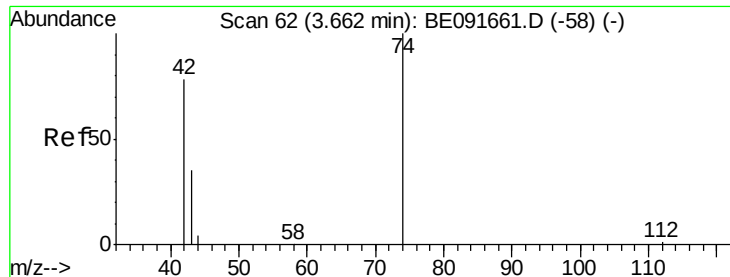


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.91 ng

RT: 3.65 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC05

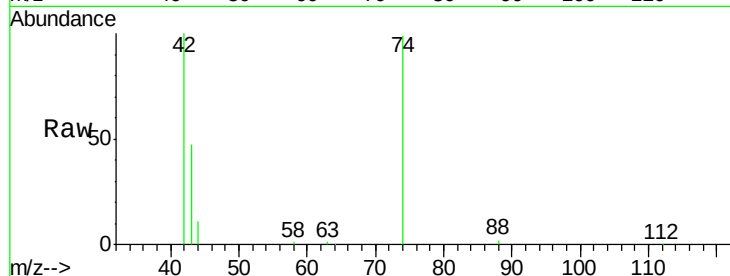
Tot Ion: 42 Resp: 26595

Ion Ratio Lower Upper

42 100

74 106.1 87.9 131.9

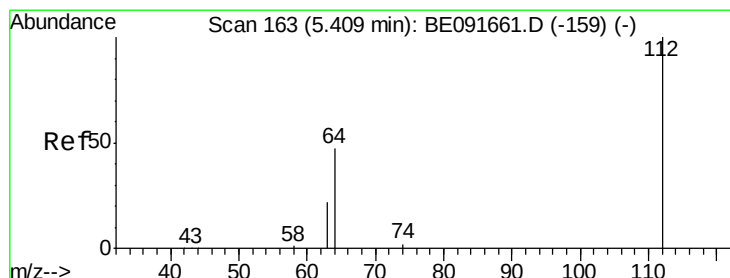
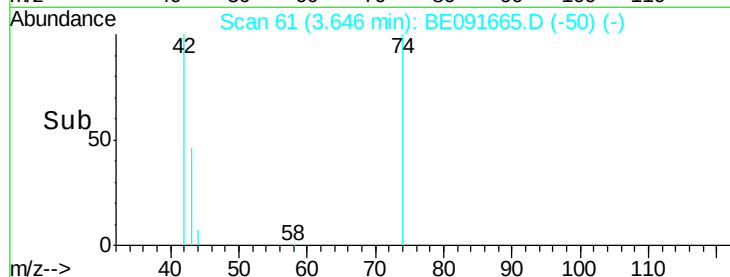
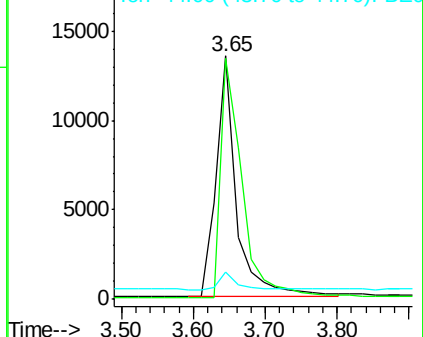
44 5.9 6.6 9.8#



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: 4.58 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

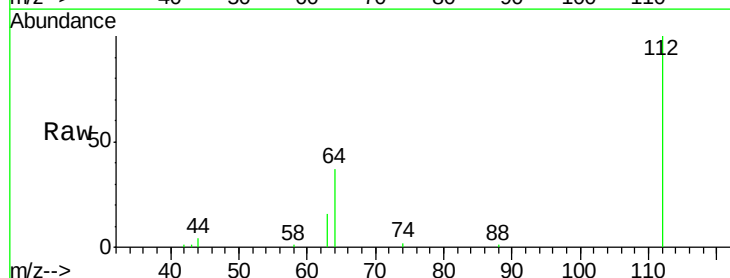
Tgt Ion: 112 Resp: 38582

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

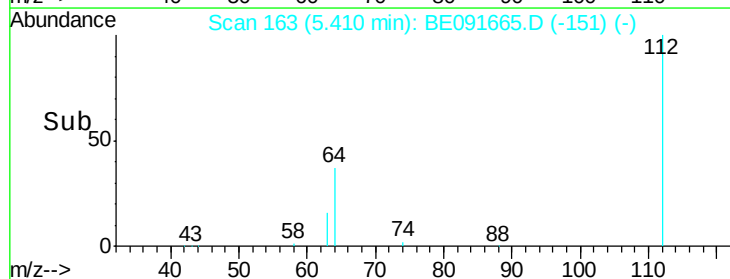
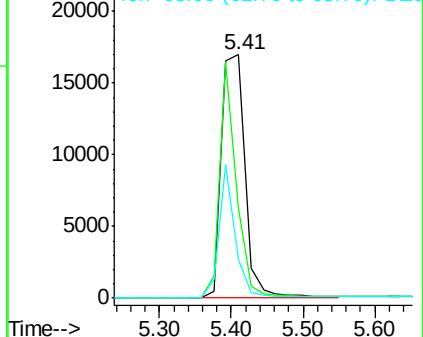
63 37.3 16.7 25.1#

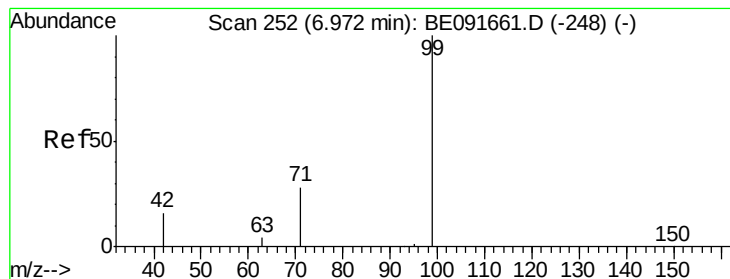


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.96 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

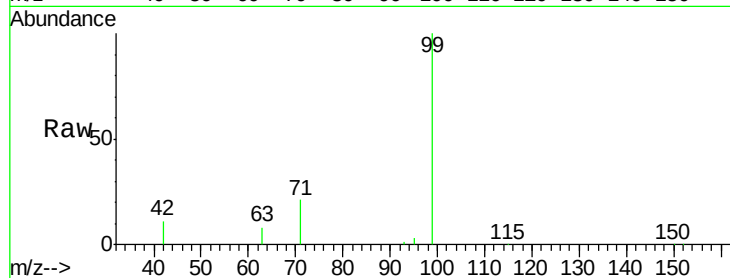
Tot Ion: 99 Resp: 55659

Ion Ratio Lower Upper

99 100

42 27.2 16.2 24.2#

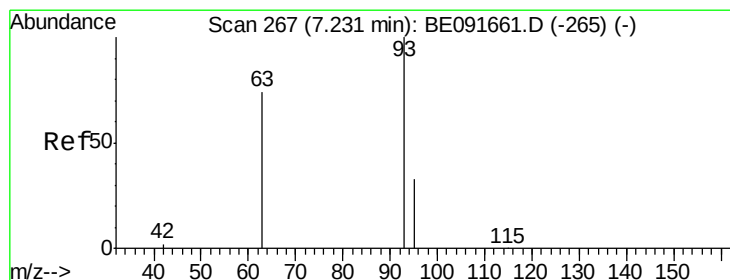
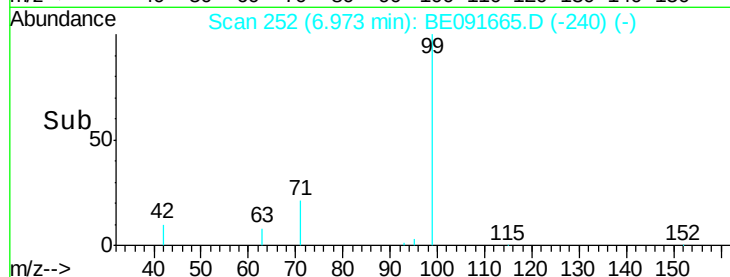
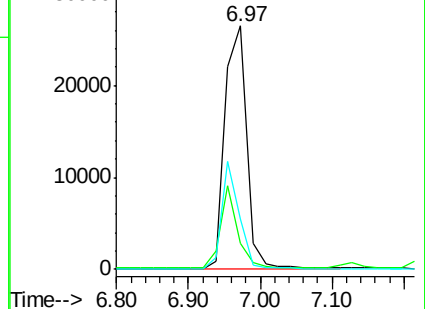
71 36.1 29.0 43.4



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: 5.04 ng

RT: 7.23 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

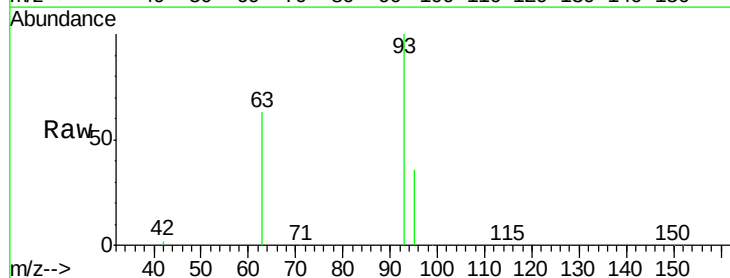
Tgt Ion: 93 Resp: 49041

Ion Ratio Lower Upper

93 100

63 85.4 49.5 74.3#

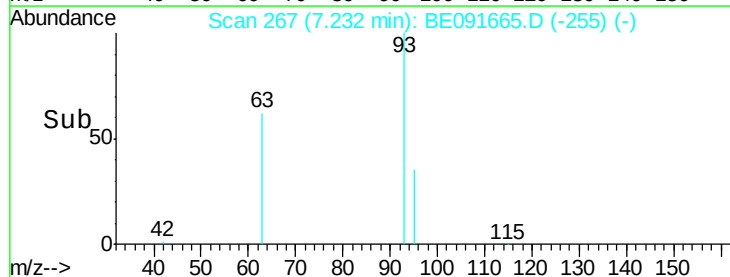
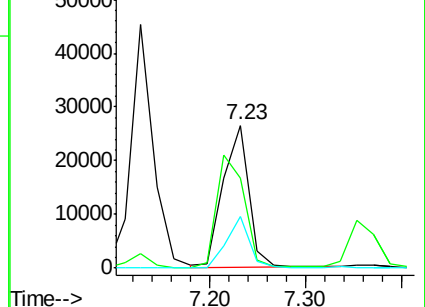
95 32.2 22.2 33.4

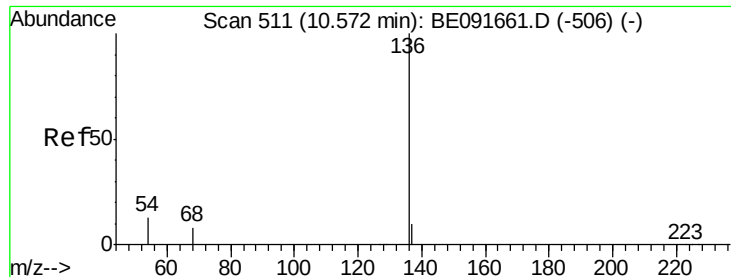


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

Tot Ion:136 Resp: 173736

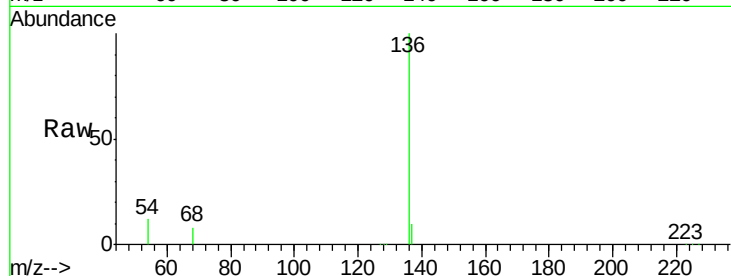
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 12.2 8.2 12.4

68 8.1 6.2 9.4

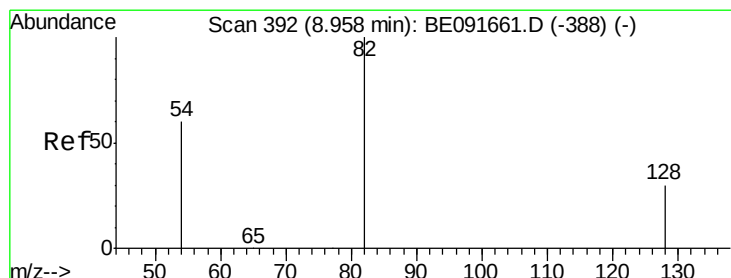
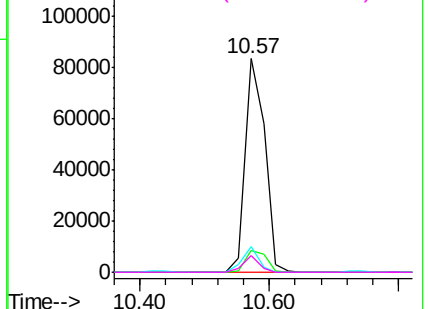
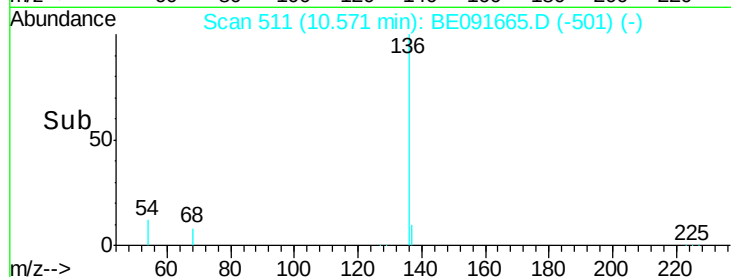


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.92 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

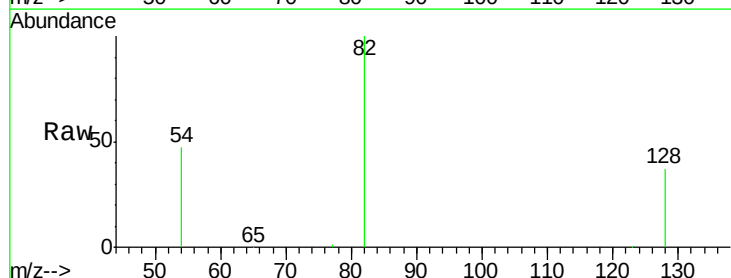
Tgt Ion: 82 Resp: 49653

Ion Ratio Lower Upper

82 100

128 37.2 25.4 38.0

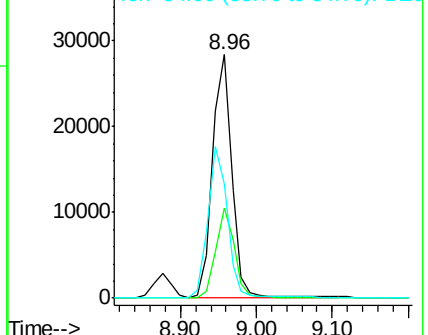
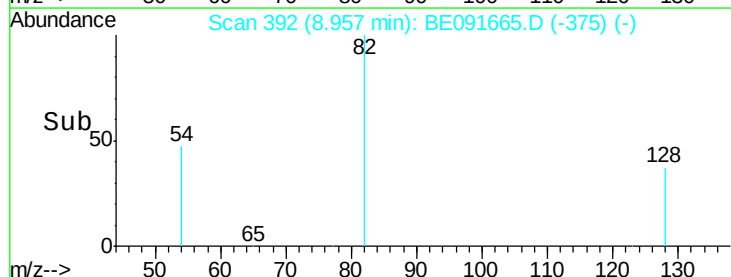
54 46.8 48.4 72.6#

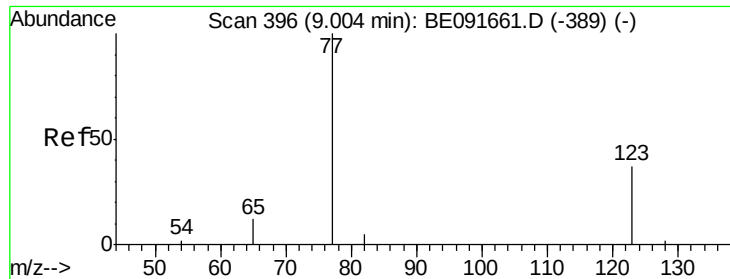


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 5.16 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

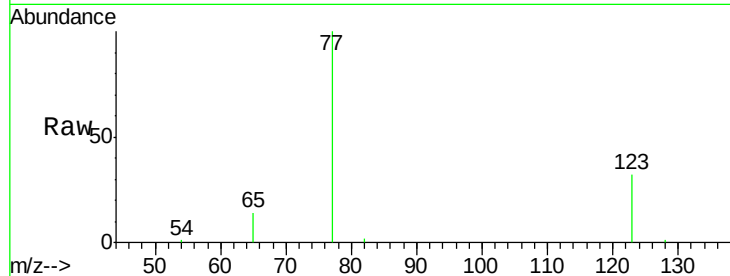
Tot Ion: 77 Resp: 54799

Ion Ratio Lower Upper

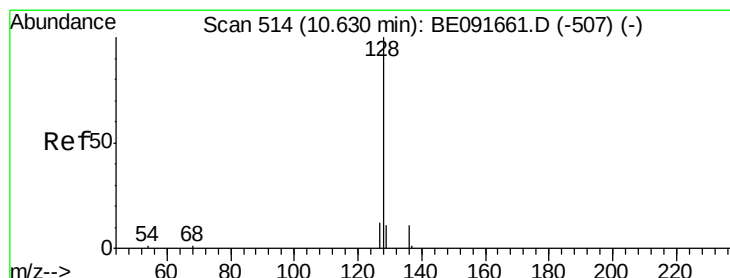
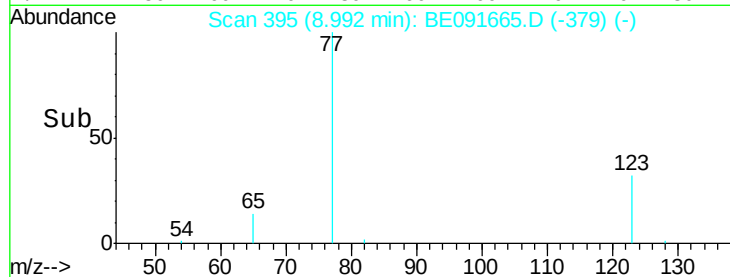
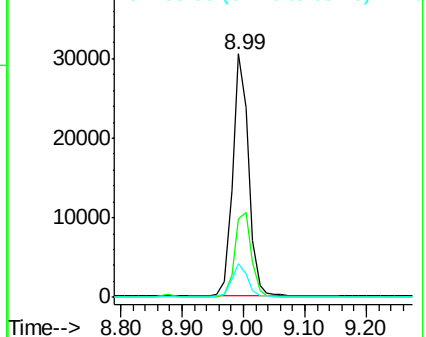
77 100

123 37.1 26.9 40.3

65 13.9 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: 4.76 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

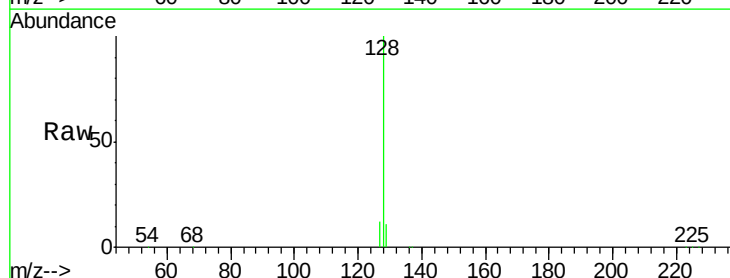
Tgt Ion: 128 Resp: 170486

Ion Ratio Lower Upper

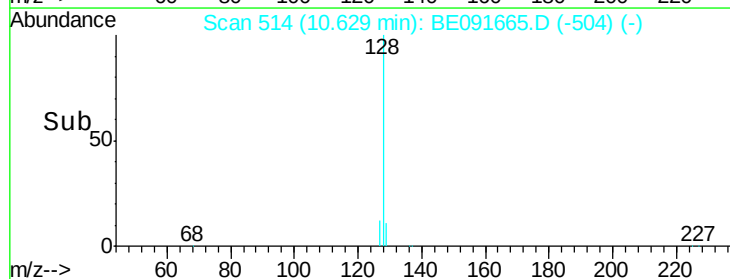
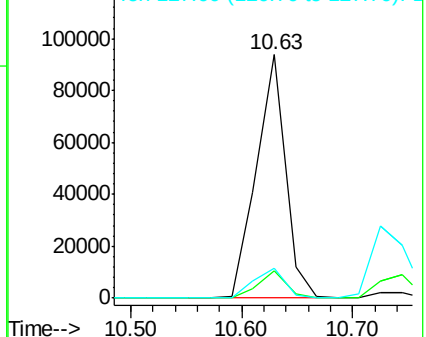
128 100

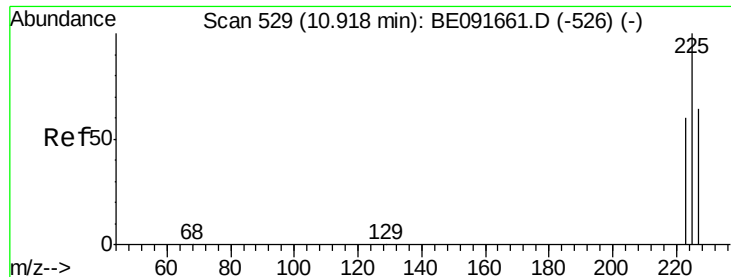
129 11.4 9.3 13.9

127 12.2 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

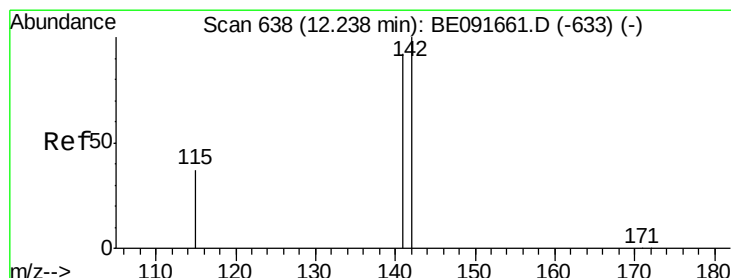
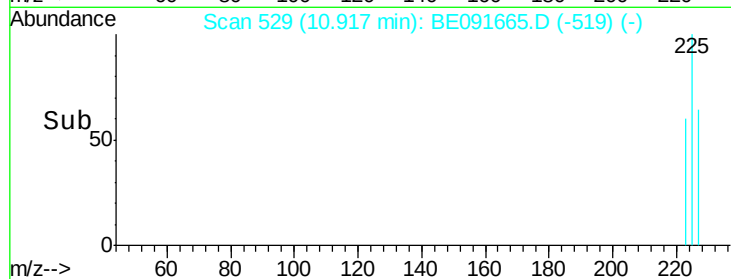
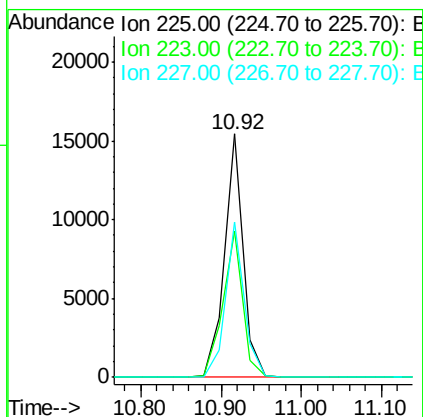
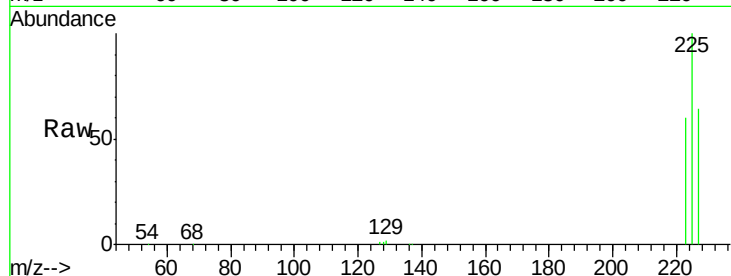




#11
Hexachlorobutadiene
Concen: 5.17 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

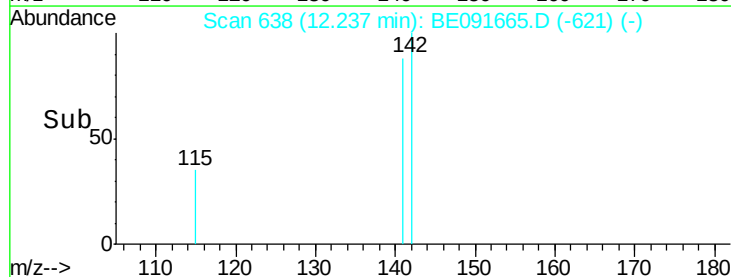
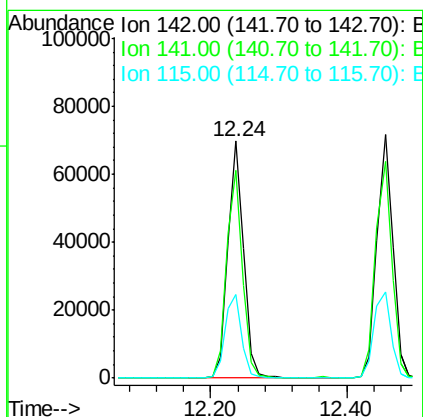
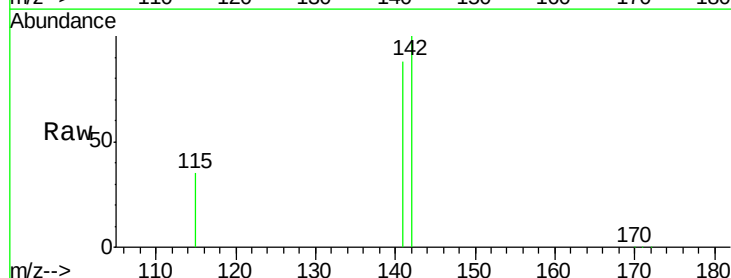
Instrument :
BNA_E
ClientSampleId :
SSTDIC05

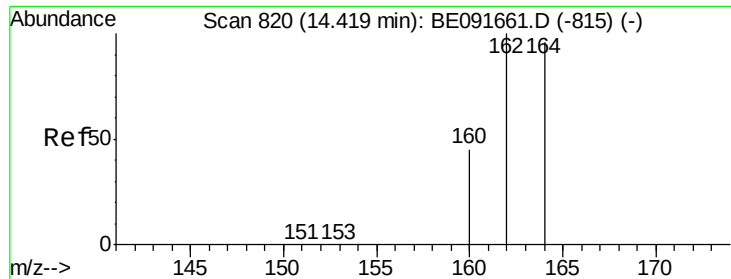
Tot Ion:225 Resp: 27253
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 63.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.98 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Tgt Ion:142 Resp: 113821
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0
115 35.1 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

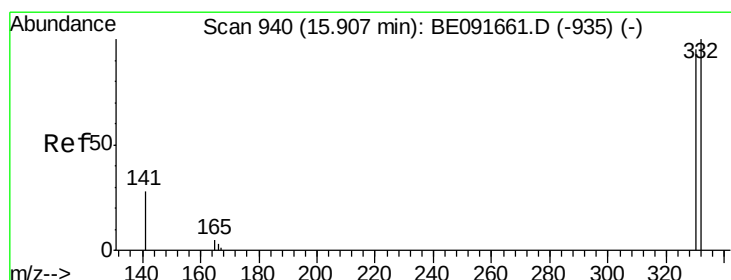
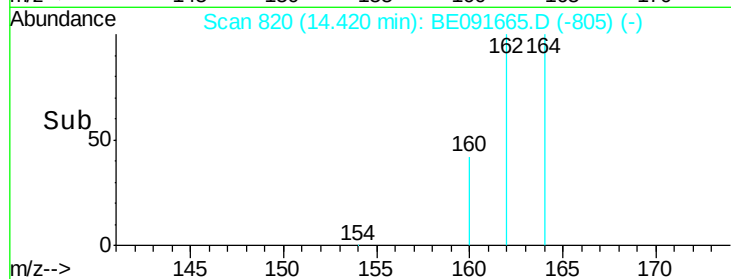
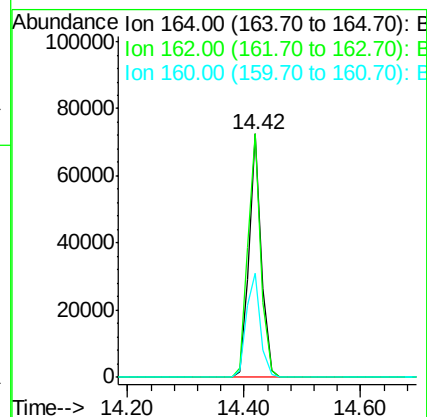
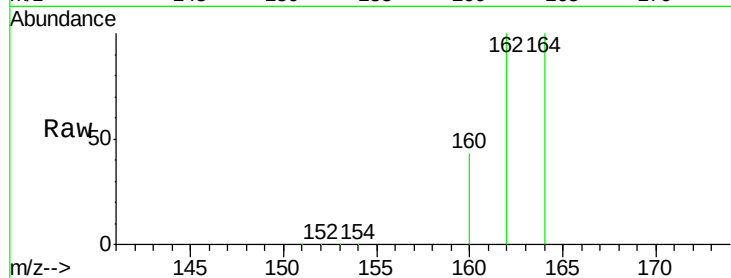
Tot Ion:164 Resp: 106648

Ion Ratio Lower Upper

164 100

162 99.8 85.3 127.9

160 42.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 6.52 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

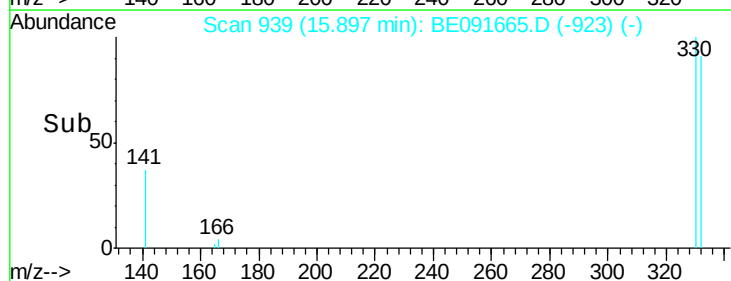
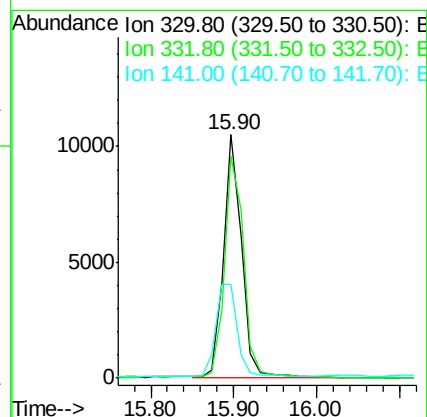
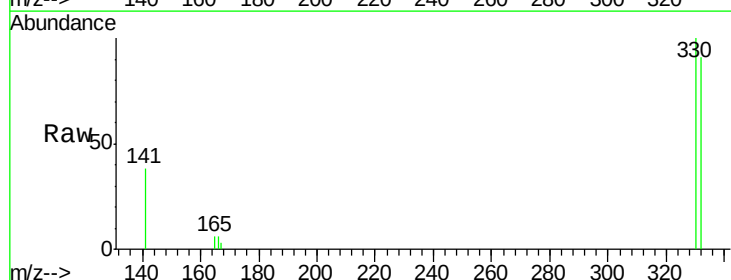
Tgt Ion:330 Resp: 19176

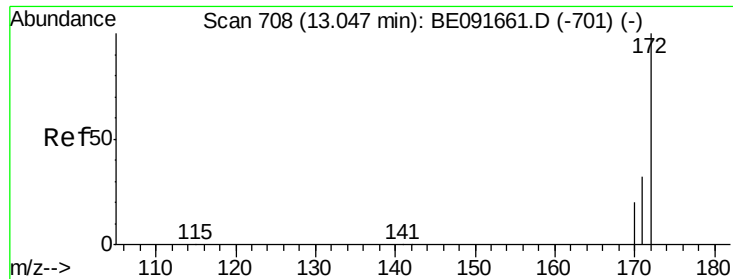
Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 36.7 125.4 188.0#

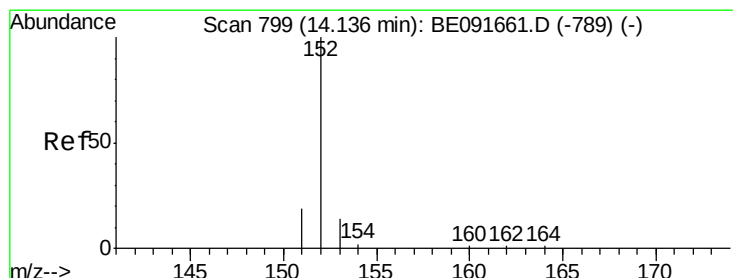
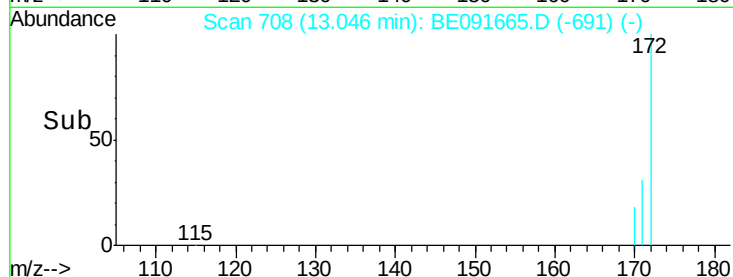
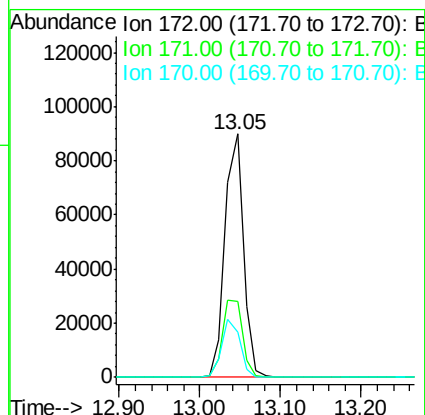
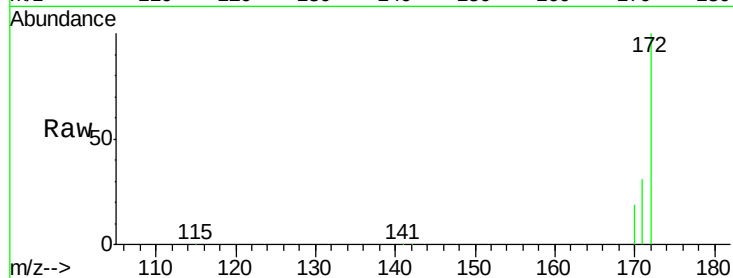




#15
2-Fluorobiphenyl
Concen: 4.83 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

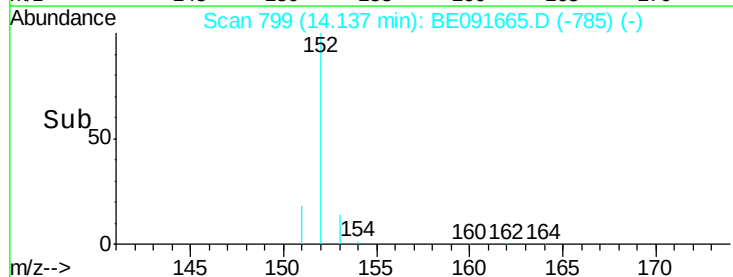
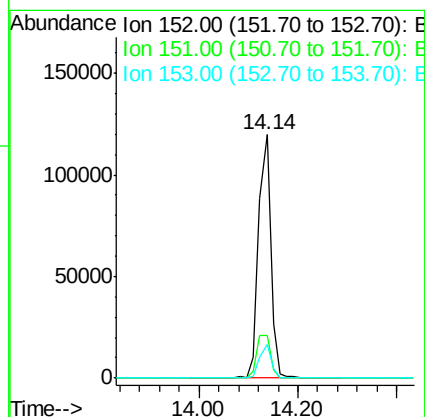
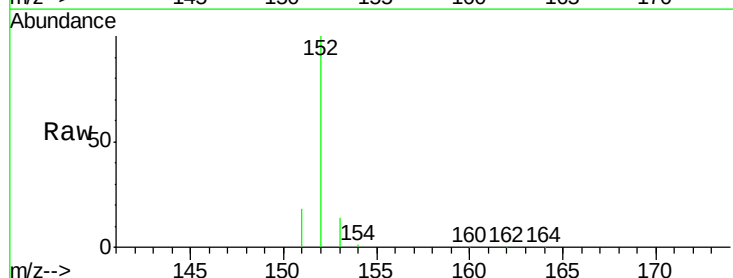
Instrument :
BNA_E
ClientSampleId :
SSTDIC05

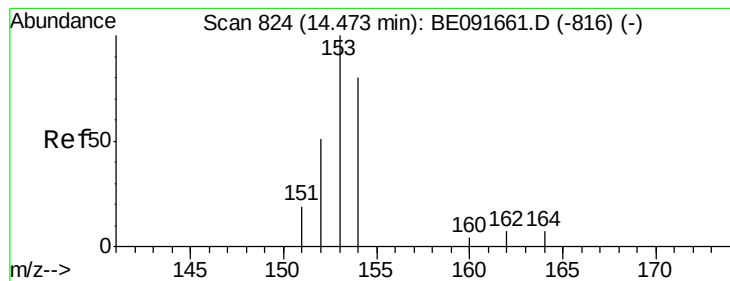
Tot Ion:172 Resp: 143278
Ion Ratio Lower Upper
172 100
171 31.2 28.8 43.2
170 18.6 19.3 28.9#



#16
Acenaphthylene
Concen: 5.27 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Tgt Ion:152 Resp: 218291
Ion Ratio Lower Upper
152 100
151 20.0 3.9 5.9#
153 13.6 10.3 15.5





#17

Acenaphthene

Concen: 4.84 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC05

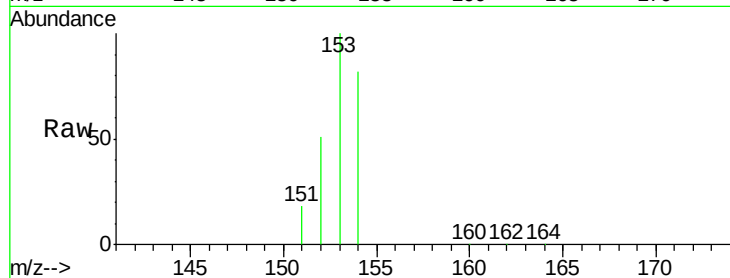
Tot Ion:154 Resp: 126525

Ion Ratio Lower Upper

154 100

153 111.6 80.0 120.0

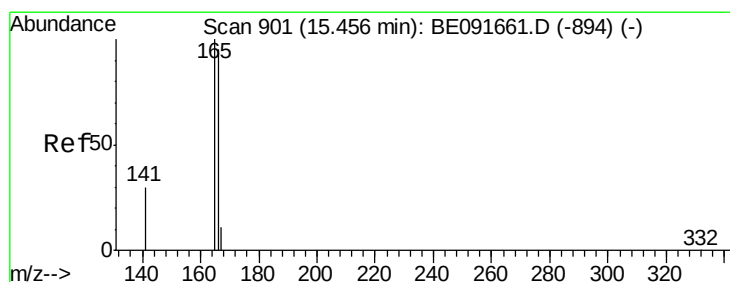
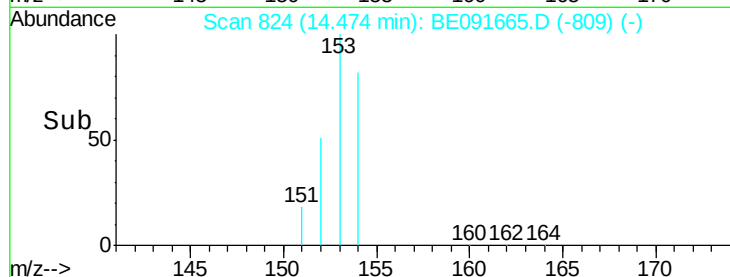
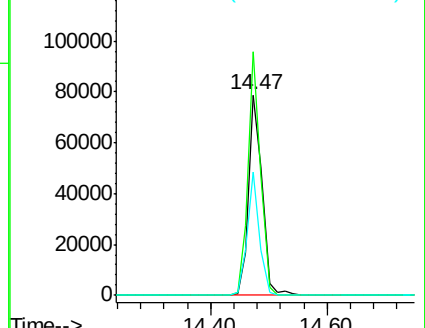
152 55.5 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 4.98 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

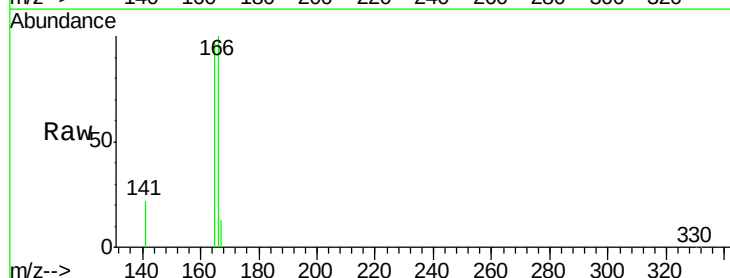
Tgt Ion:166 Resp: 162867

Ion Ratio Lower Upper

166 100

165 98.3 80.8 121.2

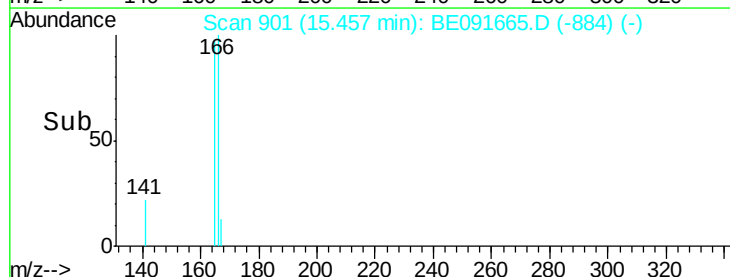
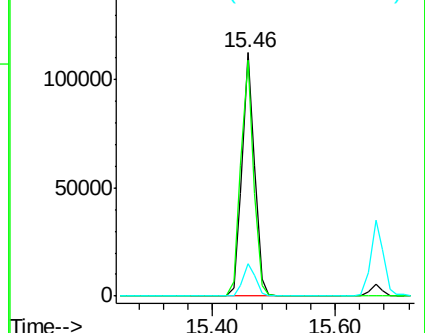
167 13.5 10.9 16.3

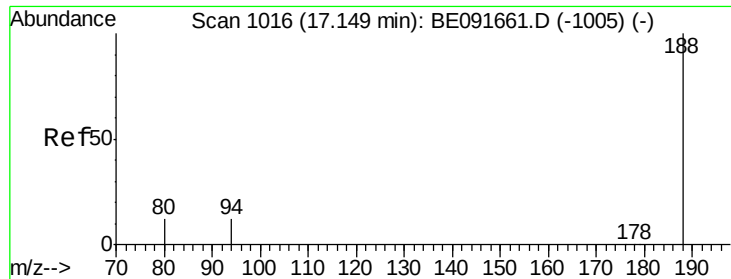


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

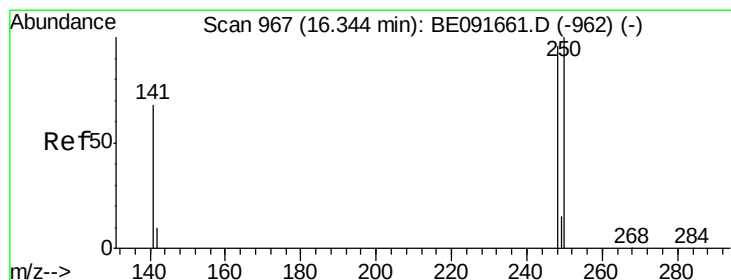
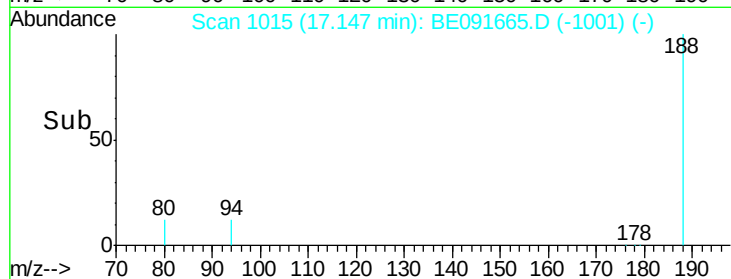
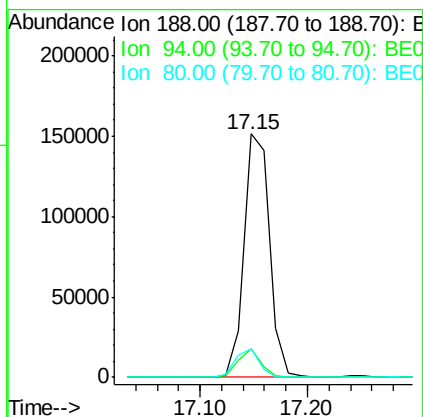
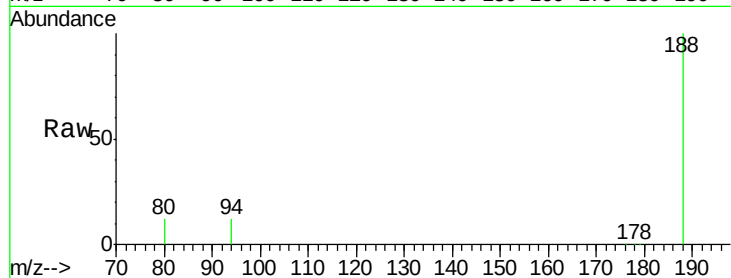




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

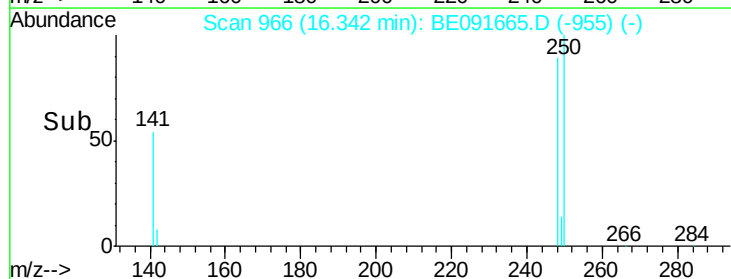
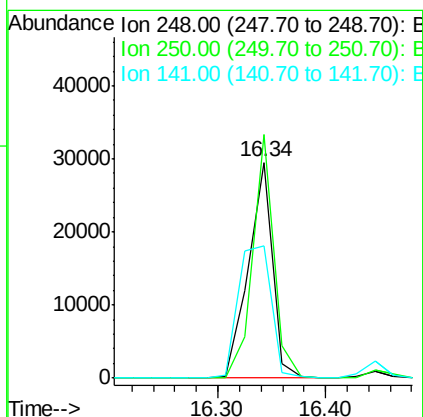
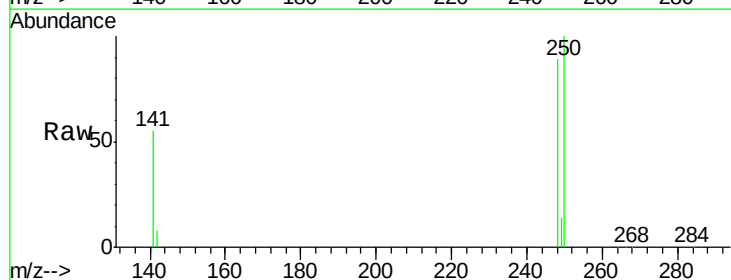
Instrument :
BNA_E
ClientSampleId :
SSTDIC05

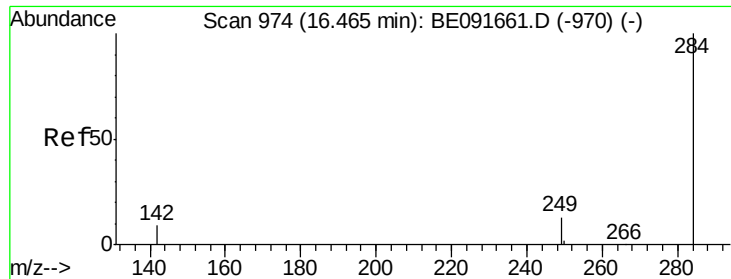
Tot Ion:188 Resp: 248060
Ion Ratio Lower Upper
188 100
94 11.6 8.7 13.1
80 11.7 9.4 14.0



#20
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 16.34 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Tgt Ion:248 Resp: 45315
Ion Ratio Lower Upper
248 100
250 99.6 80.5 120.7
141 83.9 72.0 108.0

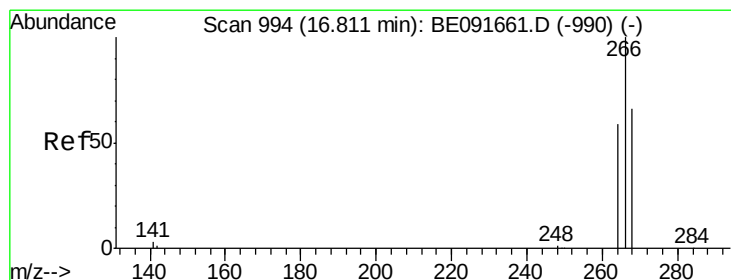
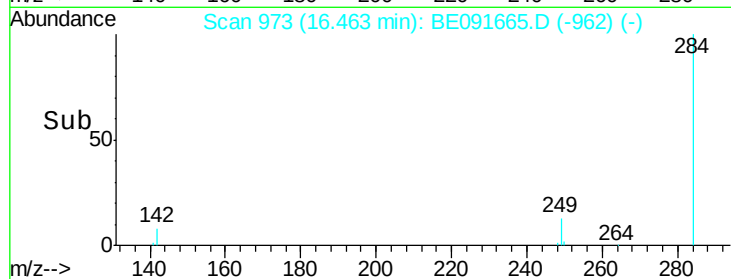
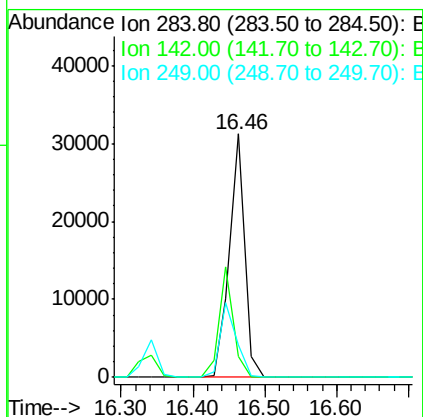
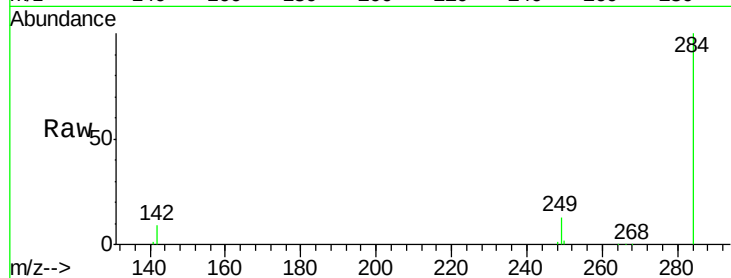




#21
Hexachlorobenzene
Concen: 5.05 ng
RT: 16.46 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

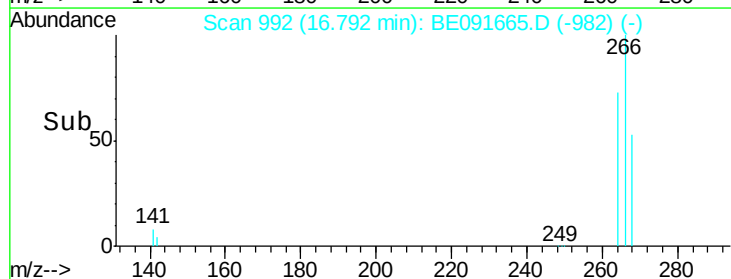
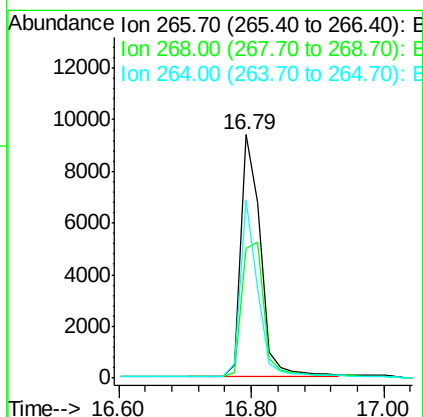
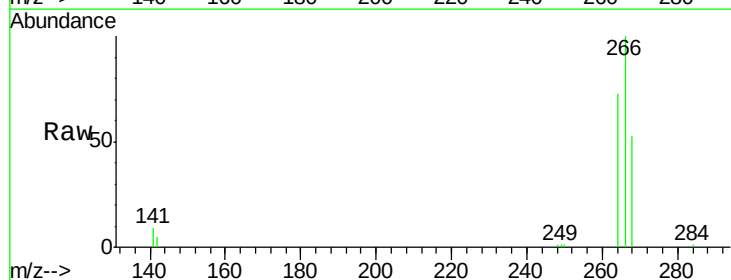
Instrument :
BNA_E
ClientSampleId :
SSTDIC05

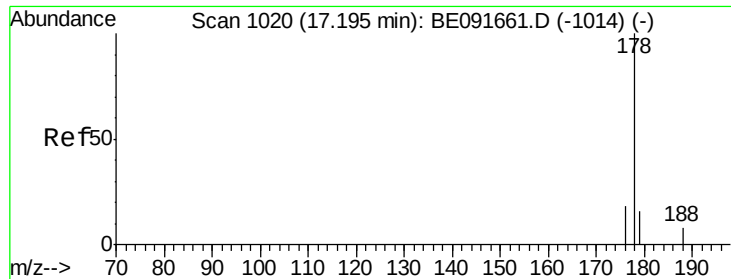
Tot Ion:284 Resp: 45832
Ion Ratio Lower Upper
284 100
142 42.7 32.2 48.2
249 32.6 25.4 38.2



#22
Pentachlorophenol
Concen: 5.74 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.02 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Tgt Ion:266 Resp: 19325
Ion Ratio Lower Upper
266 100
268 53.3 58.2 87.2#
264 73.1 56.2 84.4





#23

Phenanthrene

Concen: 4.90 ng

RT: 17.19 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

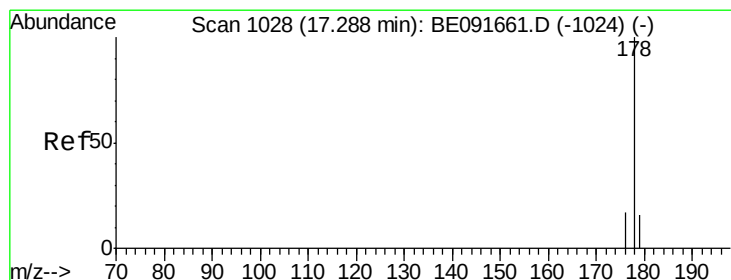
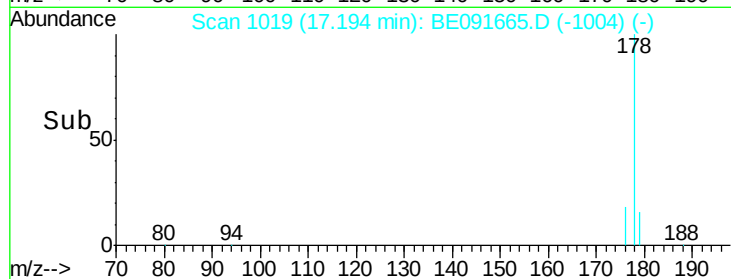
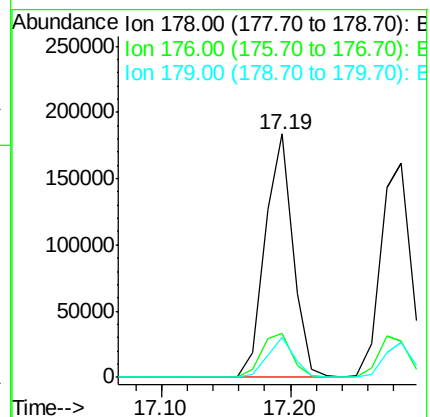
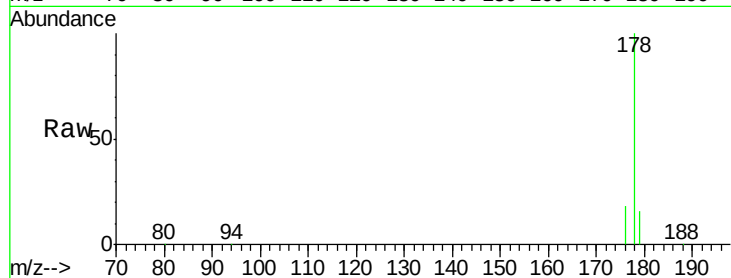
Tot Ion:178 Resp: 277418

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.5 12.6 18.8



#24

Anthracene

Concen: 5.33 ng

RT: 17.29 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

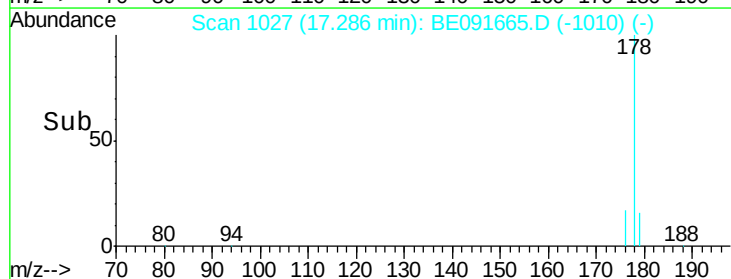
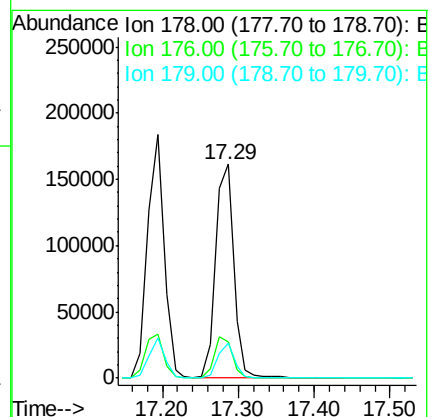
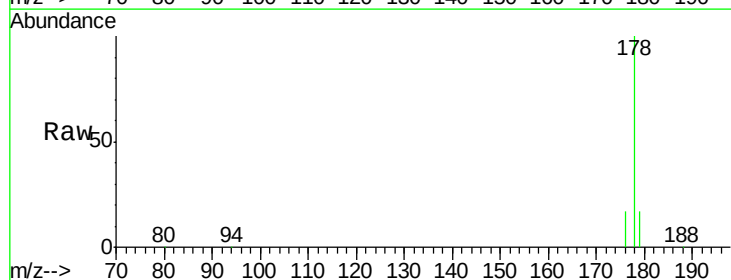
Tgt Ion:178 Resp: 267505

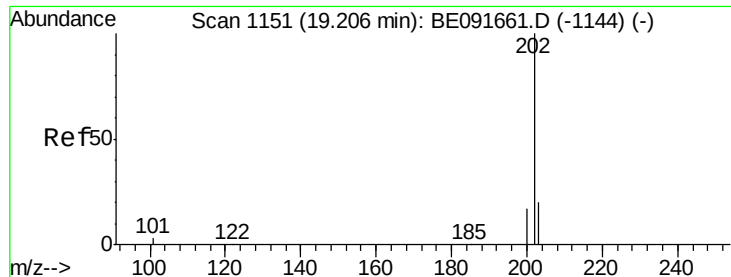
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 4.87 ng

RT: 19.20 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

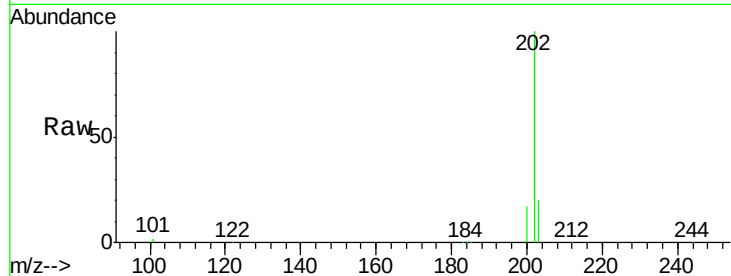
Tot Ion:202 Resp: 291760

Ion Ratio Lower Upper

202 100

101 12.1 11.0 16.6

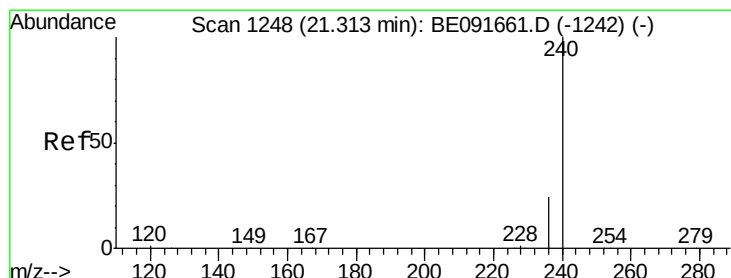
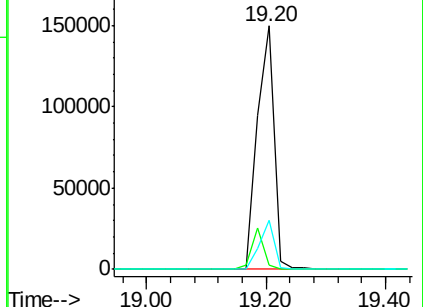
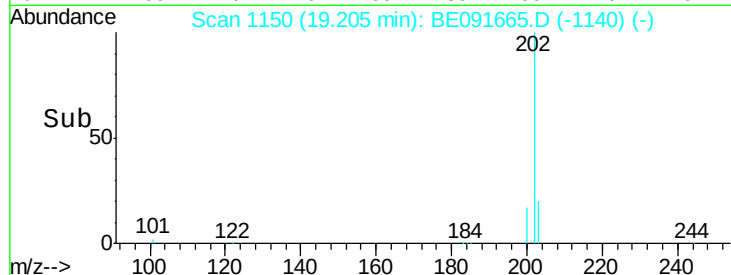
203 17.7 13.9 20.9



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: 21.31 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

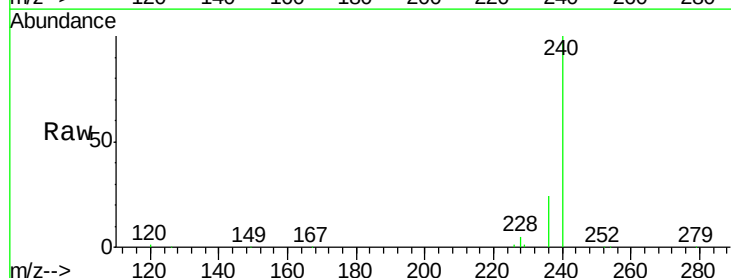
Tgt Ion:240 Resp: 322274

Ion Ratio Lower Upper

240 100

120 1.3 11.0 16.4#

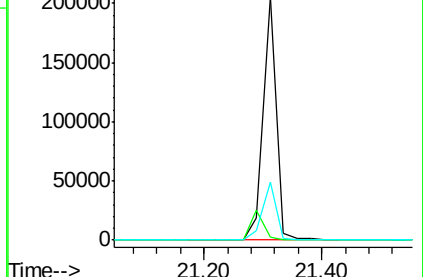
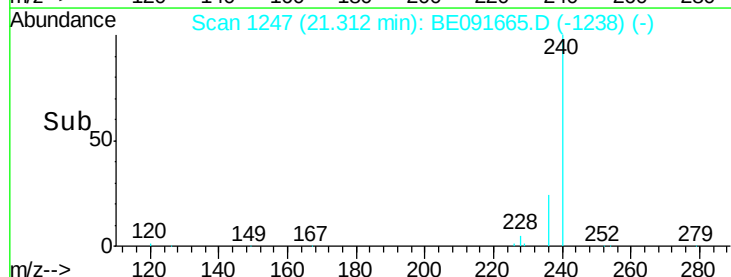
236 23.9 21.7 32.5

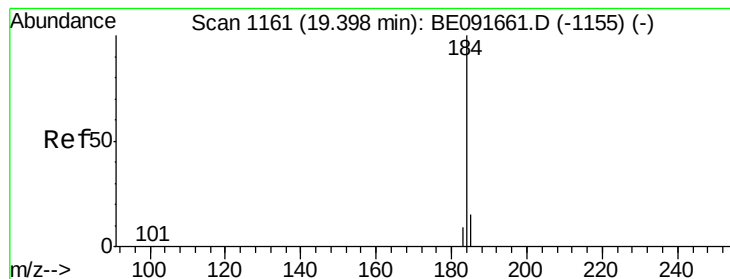


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.75 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

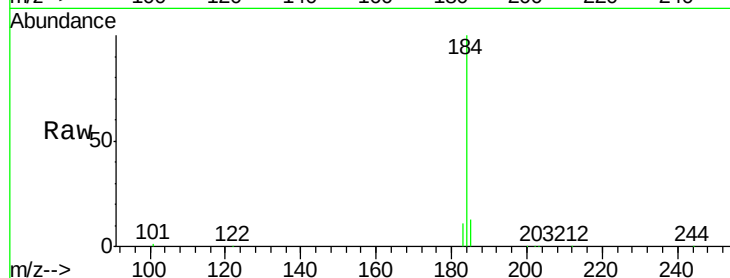
Tot Ion:184 Resp: 121946

Ion Ratio Lower Upper

184 100

185 13.2 22.3 33.5#

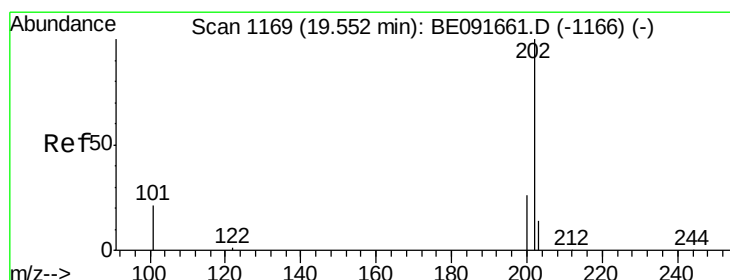
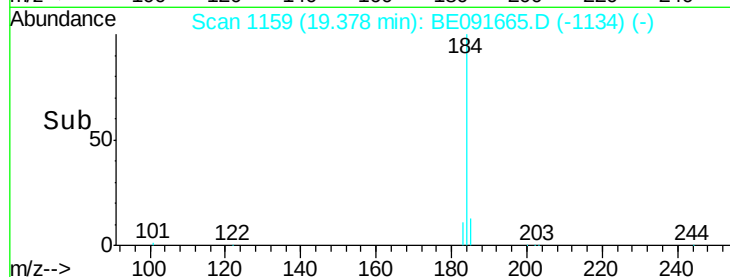
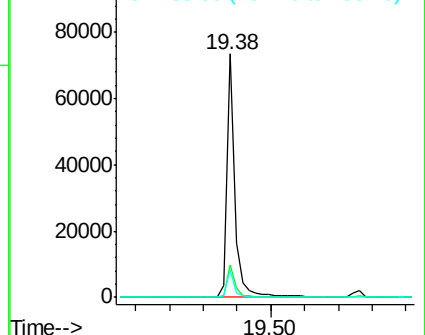
183 11.0 16.4 24.6#



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: 5.15 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

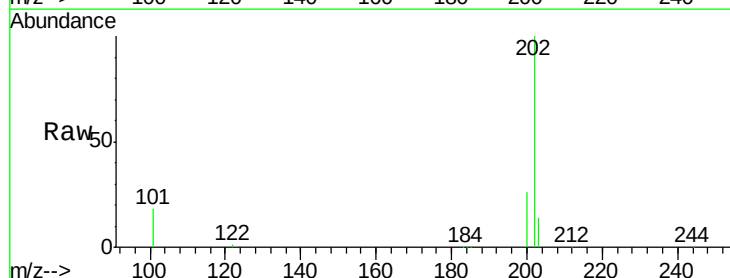
Tgt Ion:202 Resp: 332193

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

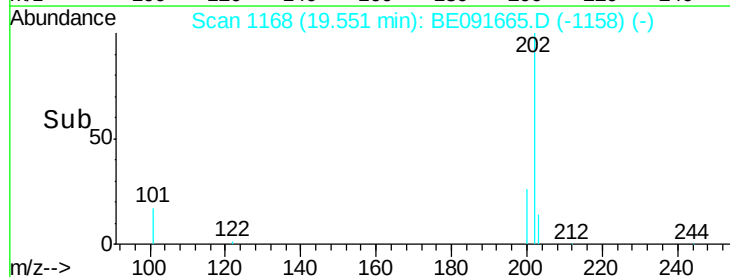
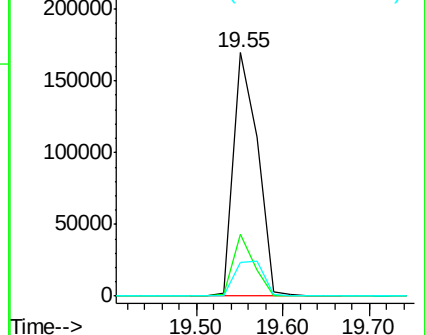
203 17.1 14.0 21.0

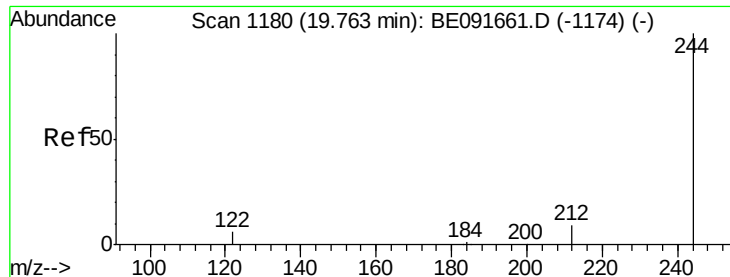


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.42 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC05

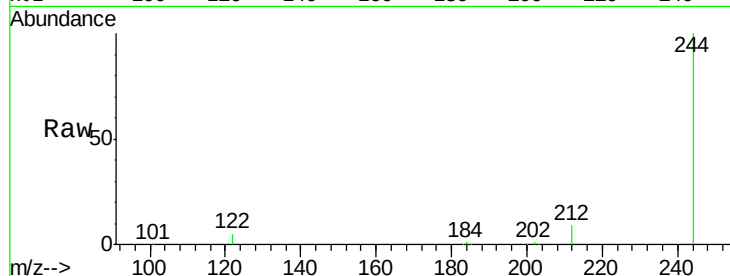
Tot Ion:244 Resp: 218232

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

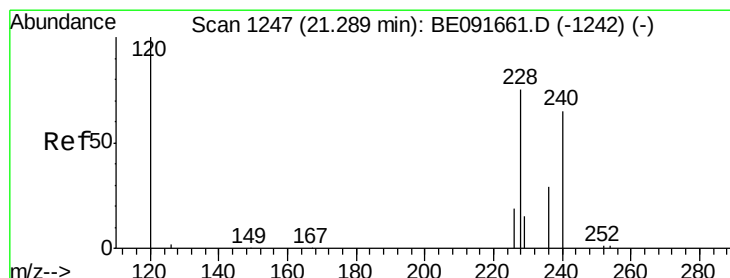
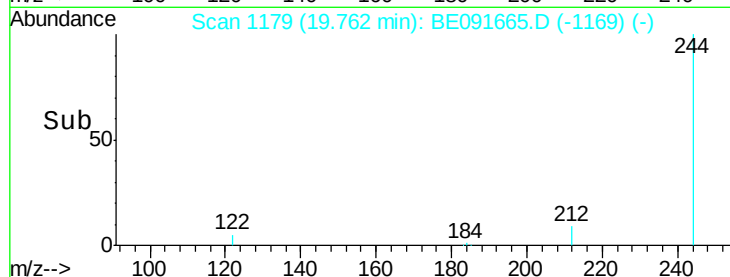
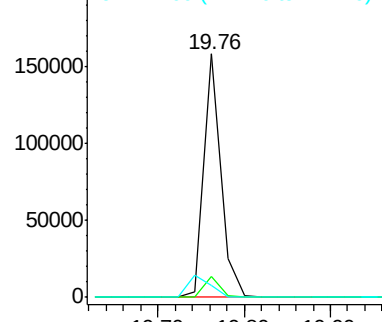
122 4.7 11.0 16.4#



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: 10.12 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

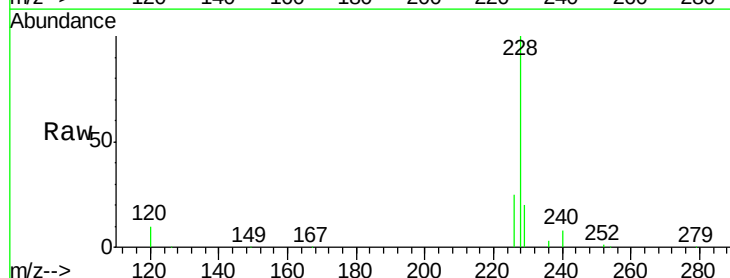
Tgt Ion:228 Resp: 729952

Ion Ratio Lower Upper

228 100

226 25.3 21.0 31.4

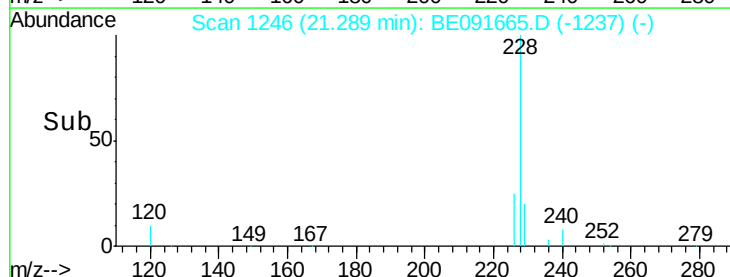
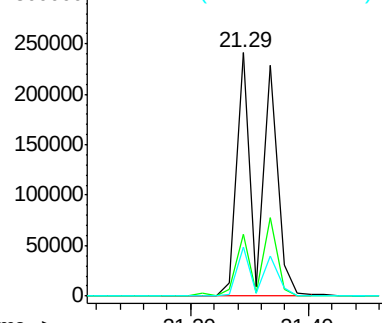
229 20.3 15.7 23.5

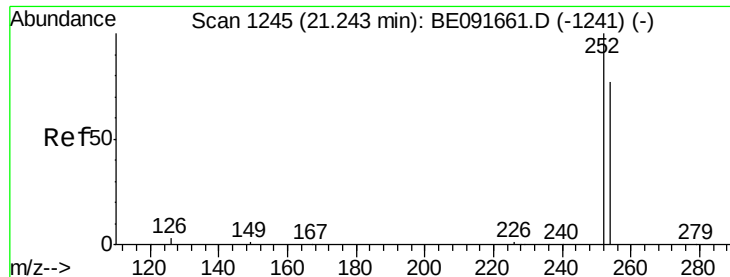


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

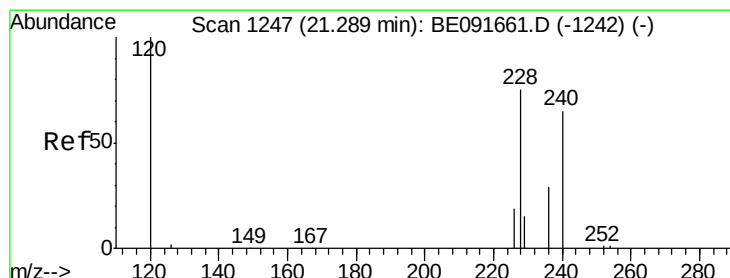
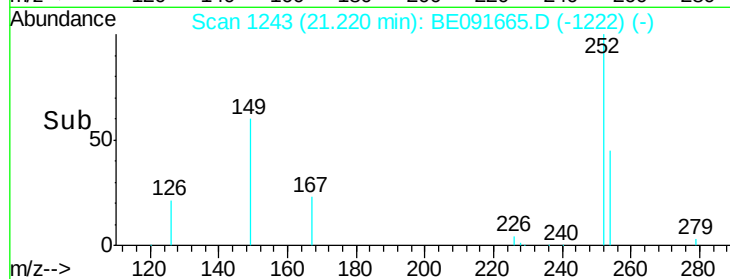
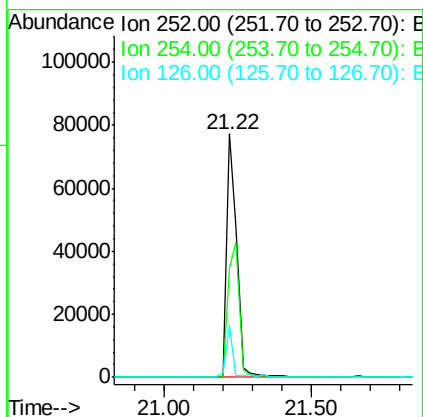
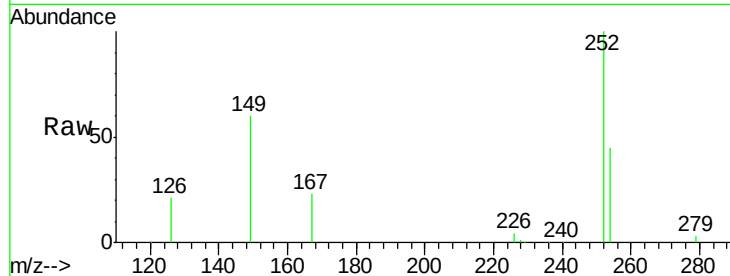




#31
 3,3'-Dichlorobenzidine
 Concen: 4.74 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091665.D
 Acq: 18 Apr 2016 15:04

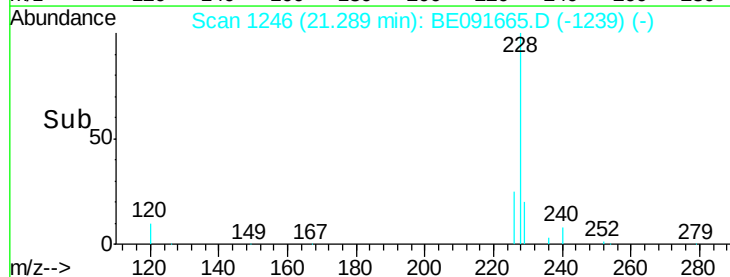
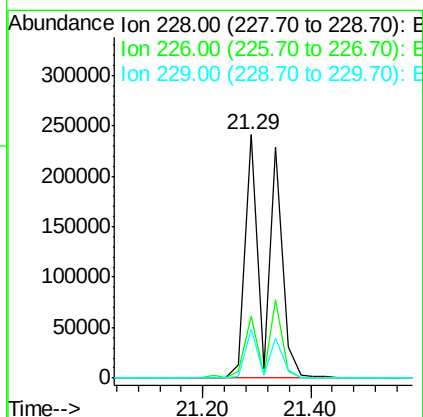
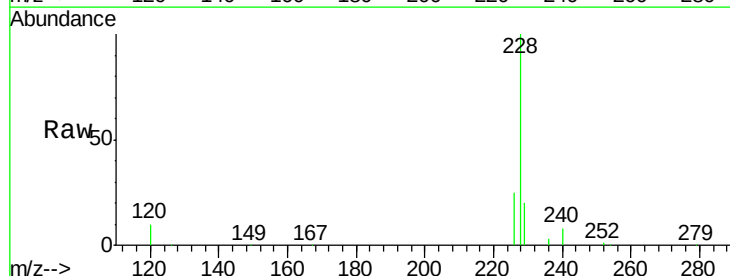
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC05

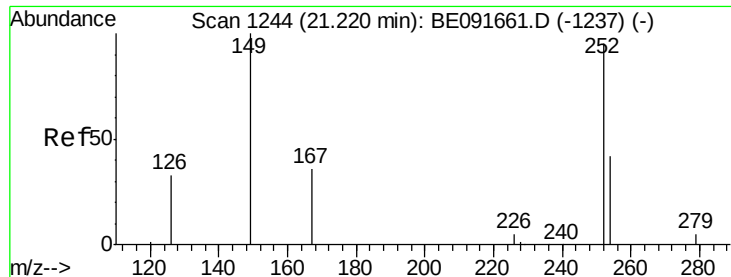
Tot Ion:252 Resp: 183059
 Ion Ratio Lower Upper
 252 100
 254 44.6 51.1 76.7#
 126 21.1 12.6 18.8#



#32
 Chrysene
 Concen: 11.20 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: BE091665.D
 Acq: 18 Apr 2016 15:04

Tgt Ion:228 Resp: 732645
 Ion Ratio Lower Upper
 228 100
 226 25.3 24.0 36.0
 229 20.3 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.90 ng

RT: 21.22 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

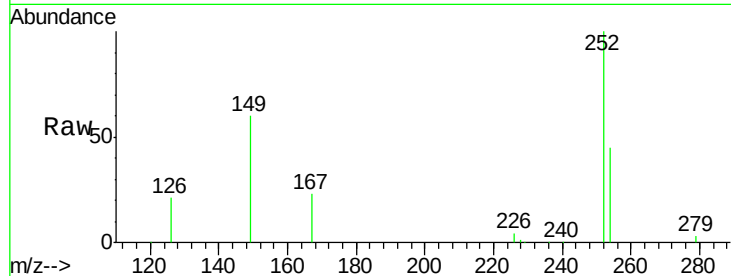
Tot Ion:149 Resp: 92177

Ion Ratio Lower Upper

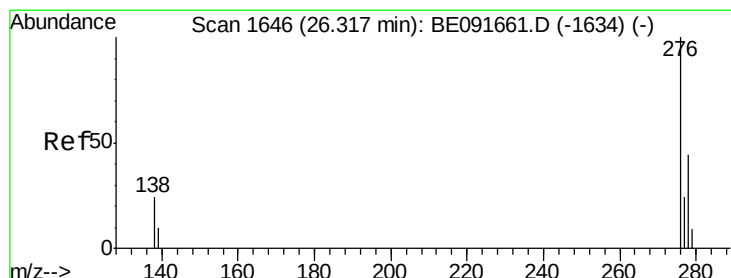
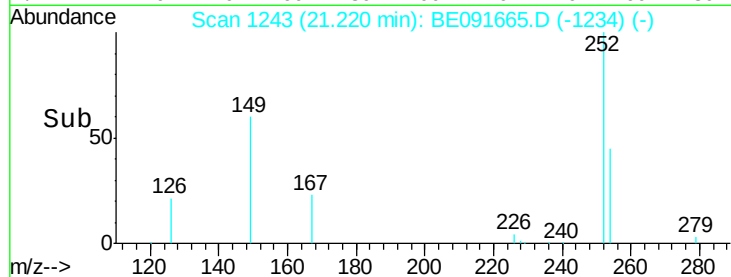
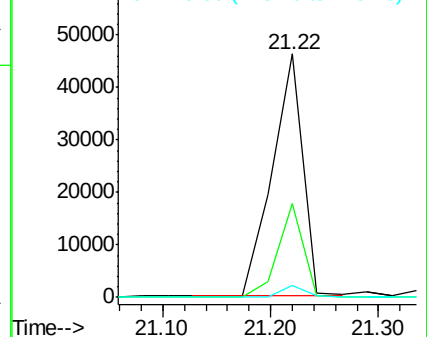
149 100

167 32.0 19.5 29.3#

279 3.9 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: 4.81 ng

RT: 26.31 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

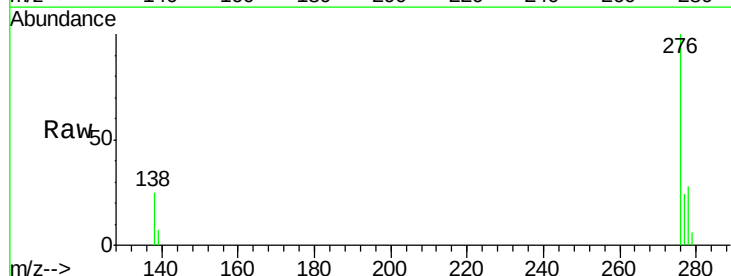
Tgt Ion:276 Resp: 351115

Ion Ratio Lower Upper

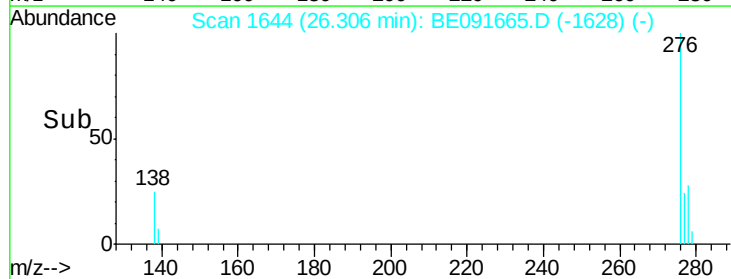
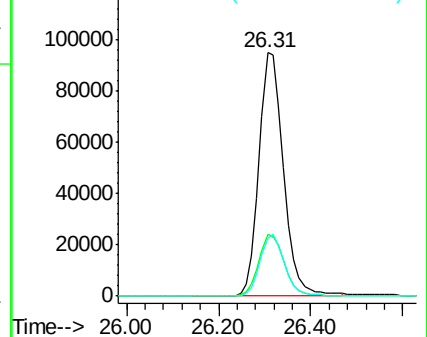
276 100

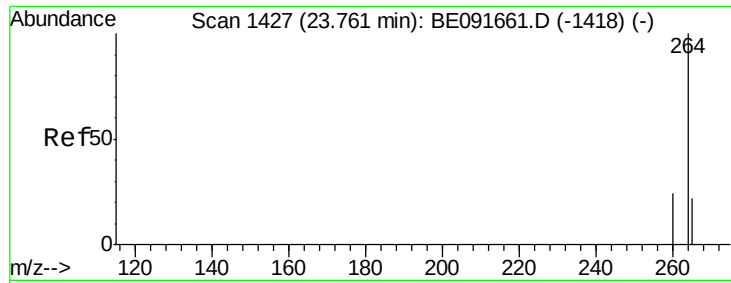
138 26.3 23.4 35.2

277 25.0 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



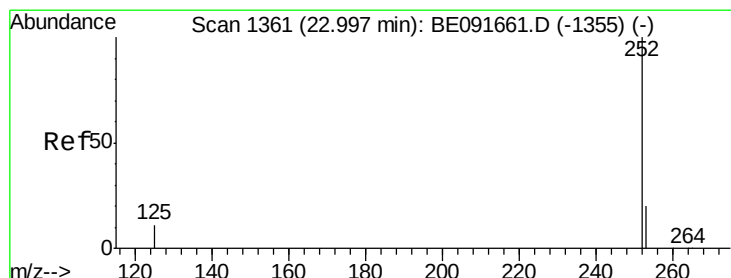
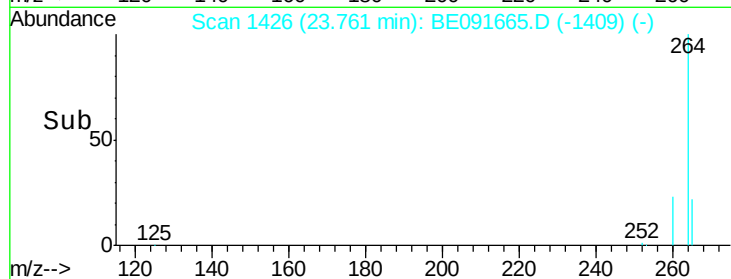
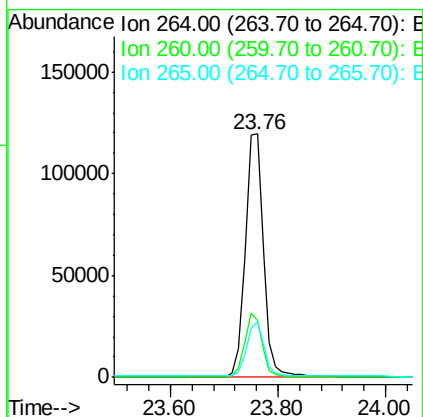
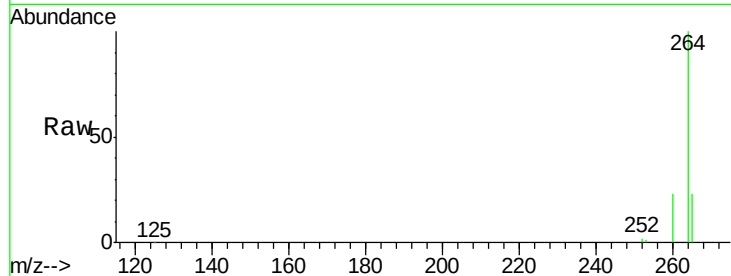


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion:264 Resp: 280679

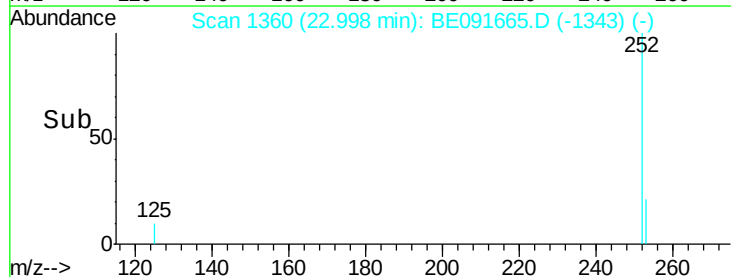
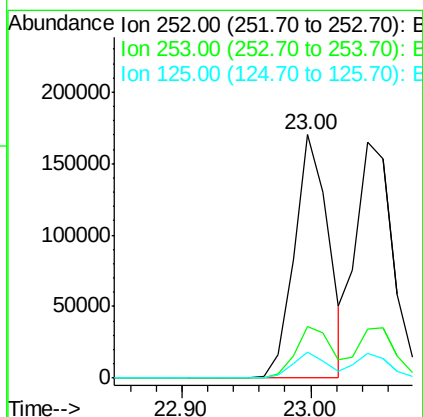
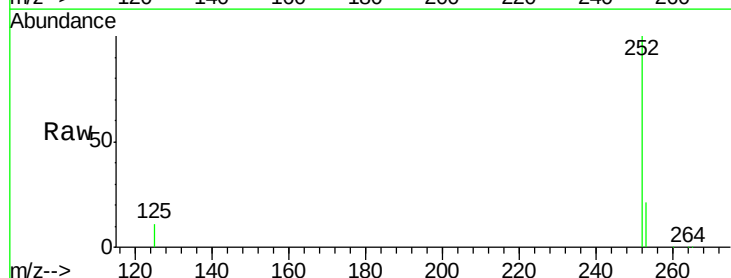
Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	22.9	17.5	26.3

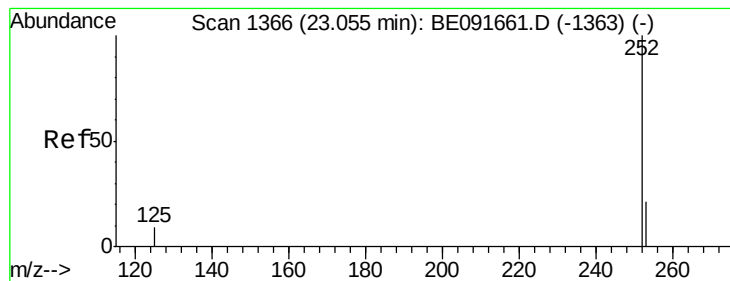


#36
Benzo(b)fluoranthene
Concen: 4.79 ng
RT: 23.00 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BE091665.D
Acq: 18 Apr 2016 15:04

Tgt Ion:252 Resp: 312418

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	10.5	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 5.17 ng

RT: 23.04 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

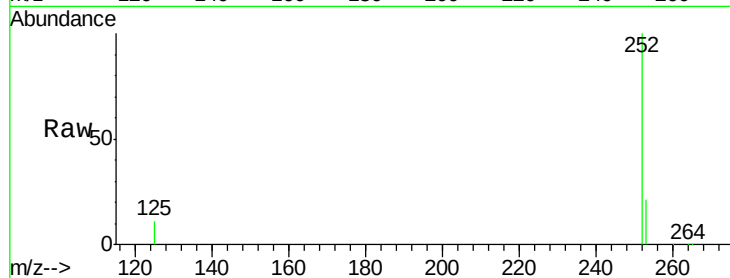
Tot Ion:252 Resp: 332220

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

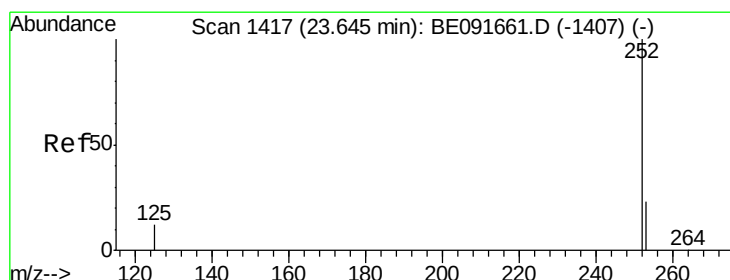
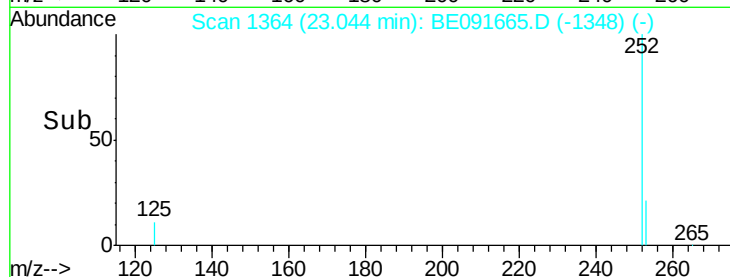
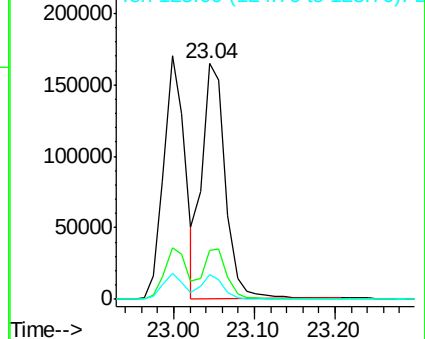
125 10.7 9.9 14.9



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: 4.92 ng

RT: 23.63 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

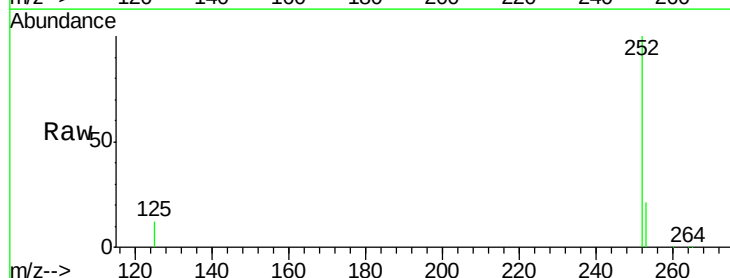
Tgt Ion:252 Resp: 297948

Ion Ratio Lower Upper

252 100

253 20.9 18.1 27.1

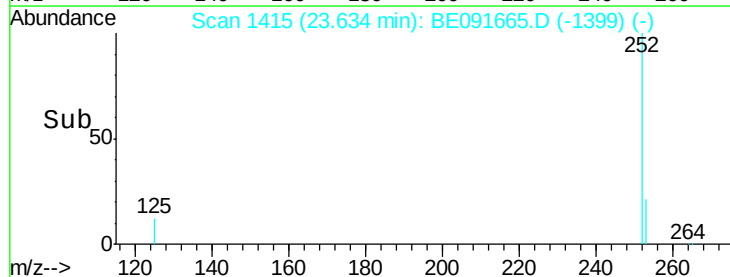
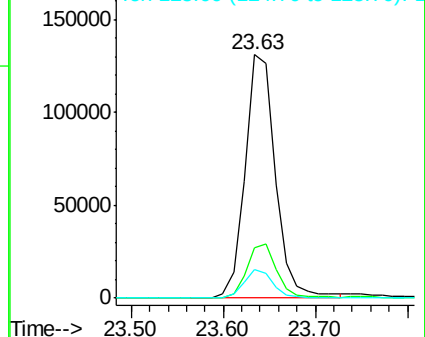
125 11.7 11.0 16.4

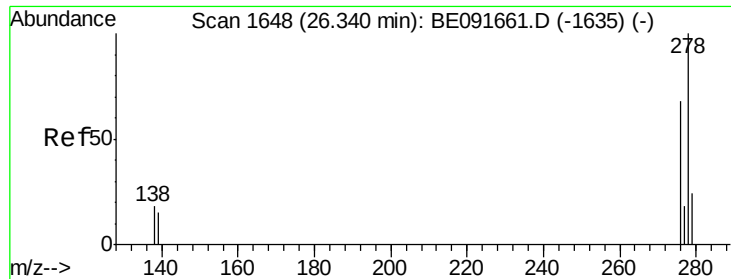


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.97 ng

RT: 26.34 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC05

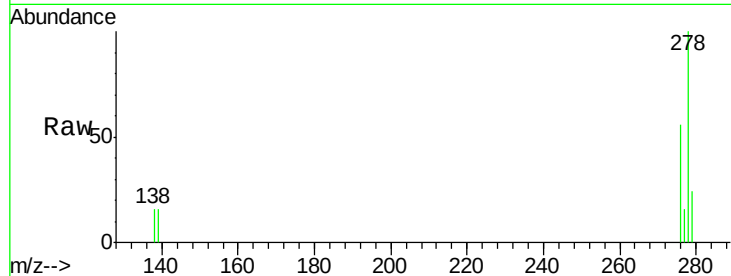
Tot Ion:278 Resp: 296325

Ion Ratio Lower Upper

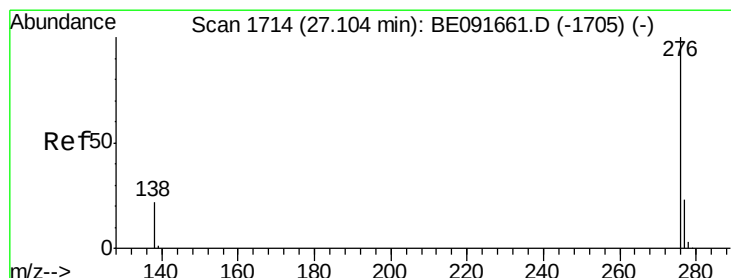
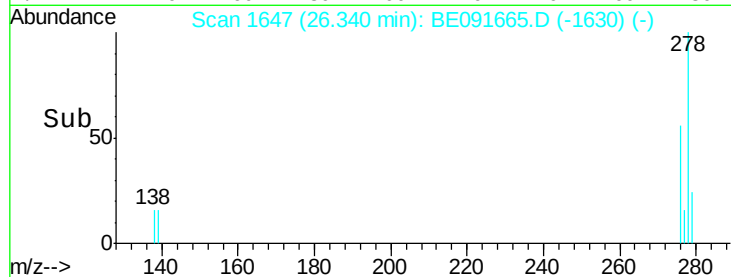
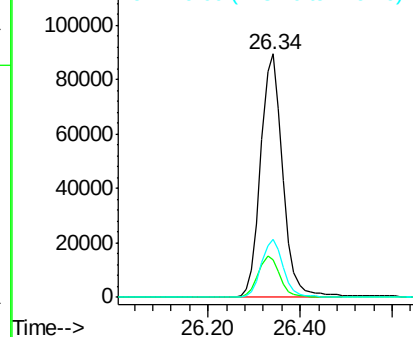
278 100

139 15.6 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: 4.84 ng

RT: 27.10 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE091665.D

Acq: 18 Apr 2016 15:04

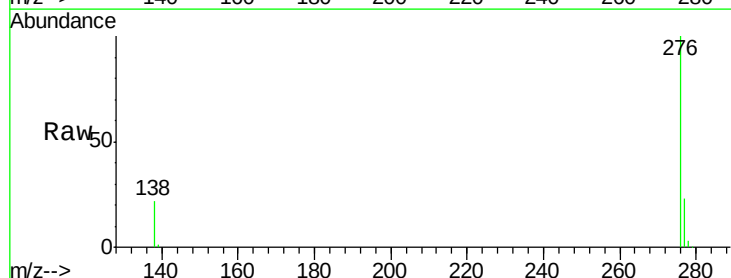
Tgt Ion:276 Resp: 297497

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 22.4 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

