

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
 Data File : BE091356.D
 Acq On : 14 Jan 2016 18:22
 Operator : UM/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jan 14 22:23:48 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 22:19:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	27877	5.00	ng	0.00
7) Naphthalene-d8	9.56	136	121778	5.00	ng	0.00
13) Acenaphthene-d10	13.36	164	56691	5.00	ng	0.00
19) Phenanthrene-d10	16.08	188	175027	5.00	ng	0.00
26) Chrysene-d12	20.22	240	158312	5.00	ng	0.00
35) Perylene-d12	22.10	264	147751	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	346	0.06	ng	0.10
5) Phenol-d6	6.66	99	672	0.10	ng	0.09
8) Nitrobenzene-d5	8.22	82	1139	0.17	ng	0.06
14) 2,4,6-Tribromophenol	14.92	330	136	0.08	ng	0.03
15) 2-Fluorobiphenyl	12.03	172	2104	0.14	ng	0.02
29) Terphenyl-d14	18.63	244	2156	0.11	ng	0.00

Target Compounds

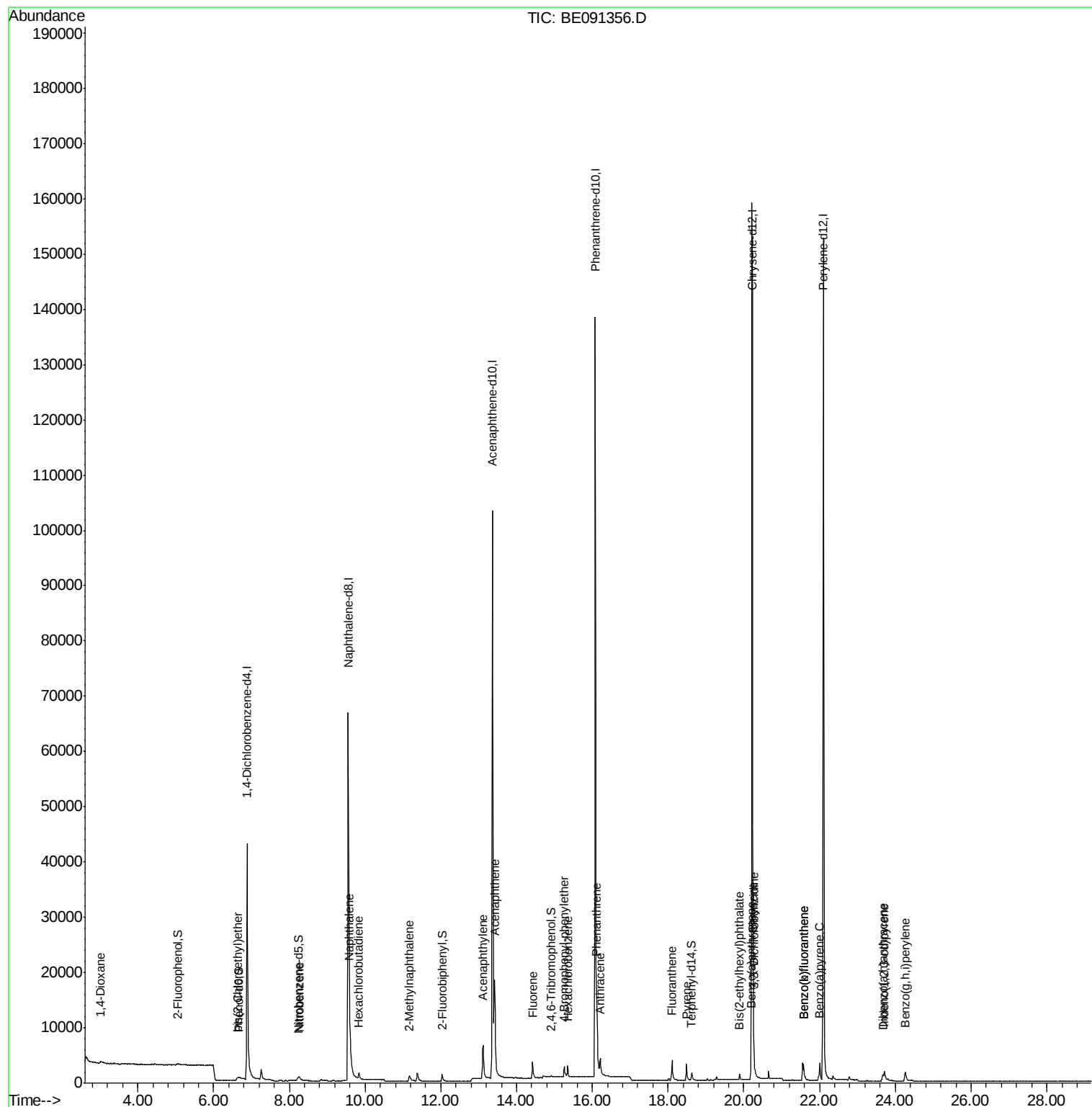
						Qvalue
2) 1,4-Dioxane	3.03	88	586	0.12	ng	# 92
6) bis(2-Chloroethyl)ether	6.64	93	471	0.06	ng	# 55
9) Nitrobenzene	8.26	77	1101	0.15	ng	# 71
10) Naphthalene	9.60	128	5232	0.20	ng	96
11) Hexachlorobutadiene	9.83	225	942	0.21	ng	99
12) 2-Methylnaphthalene	11.17	142	1454	0.10	ng	99
16) Acenaphthylene	13.12	152	11124	0.12	ng	100
17) Acenaphthene	13.42	154	3164	0.21	ng	98
18) Fluorene	14.43	166	2552	0.14	ng	95
20) 4-Bromophenyl-phenylether	15.26	248	663	0.10	ng	89
21) Hexachlorobenzene	15.34	284	1421	0.05	ng	99
23) Phenanthrene	16.12	178	8241	0.18	ng	98
24) Anthracene	16.21	178	4491	0.12	ng	99
25) Fluoranthene	18.10	202	4769	0.09	ng	99
28) Pyrene	18.49	202	3612	0.09	ng	100
30) Benzo(a)anthracene	20.19	228	3313	0.09	ng	99
31) 3,3'-Dichlorobenzidine	20.27	252	438	0.07	ng	# 77
32) Chrysene	20.25	228	7342	0.16	ng	98
33) Bis(2-ethylhexyl)phthalate	19.89	149	1080	0.08	ng	# 92
34) Indeno(1,2,3-cd)pyrene	23.71	276	2288	0.06	ng	95
36) Benzo(b)fluoranthene	21.58	252	3500	0.11	ng	95
37) Benzo(k)fluoranthene	21.58	252	3500	0.08	ng	96
38) Benzo(a)pyrene	22.01	252	3963	0.13	ng	94
39) Dibenzo(a,h)anthracene	23.67	278	2176	0.08	ng	# 87
40) Benzo(g,h,i)perylene	24.26	276	3474	0.11	ng	96

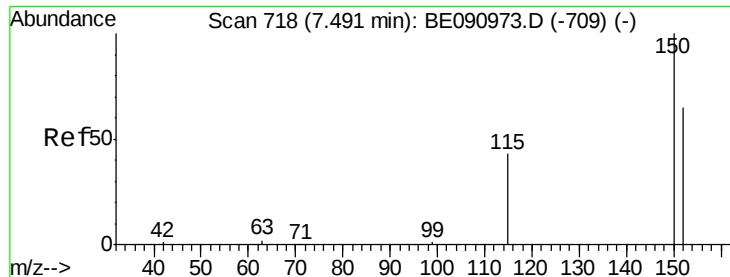
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
Data File : BE091356.D
Acq On : 14 Jan 2016 18:22
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 14 22:23:48 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 22:19:19 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.88 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

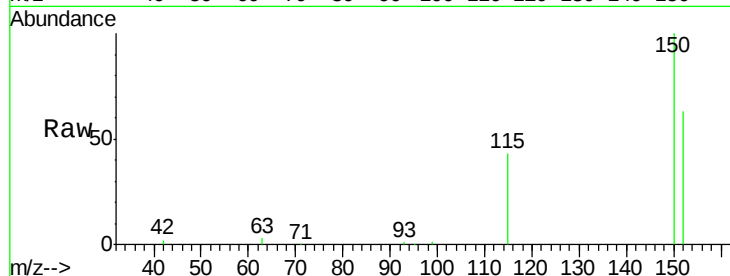
Tgt Ion:152 Resp: 27877

Ion Ratio Lower Upper

152 100

150 159.8 121.6 182.4

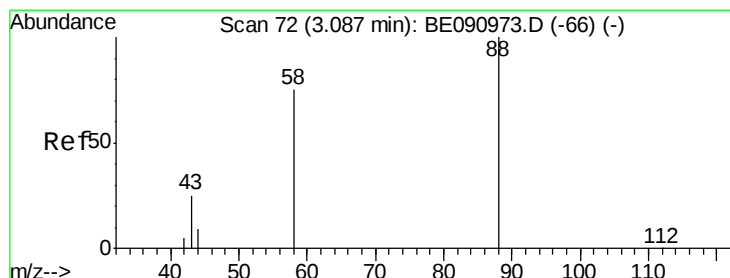
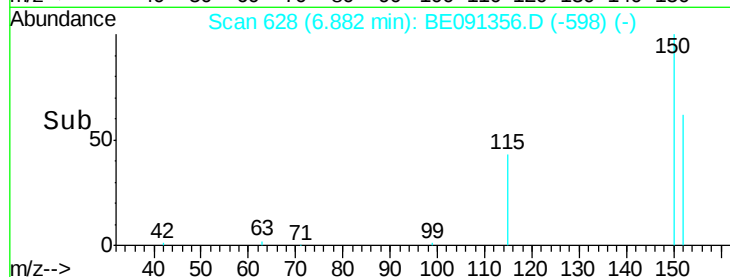
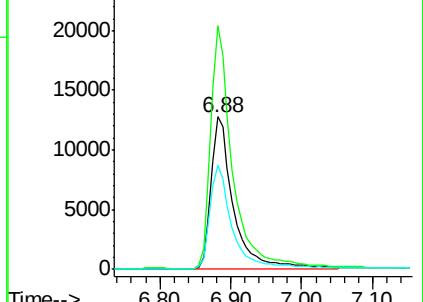
115 68.7 50.6 75.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 3.03 min Scan# 63

Delta R.T. 0.04 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

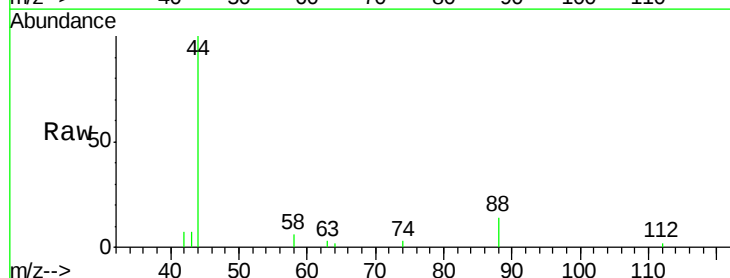
Tgt Ion: 88 Resp: 586

Ion Ratio Lower Upper

88 100

58 88.7 74.6 111.8

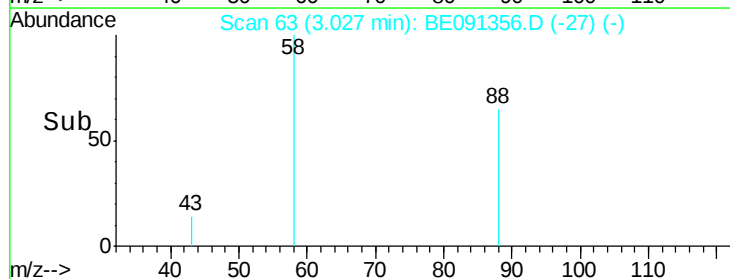
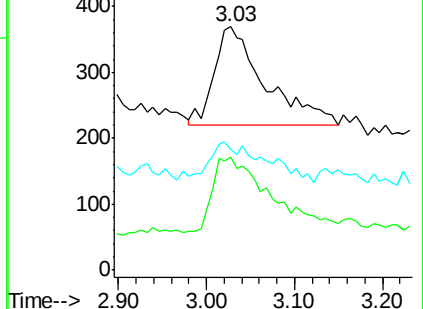
43 45.7 28.7 43.1#

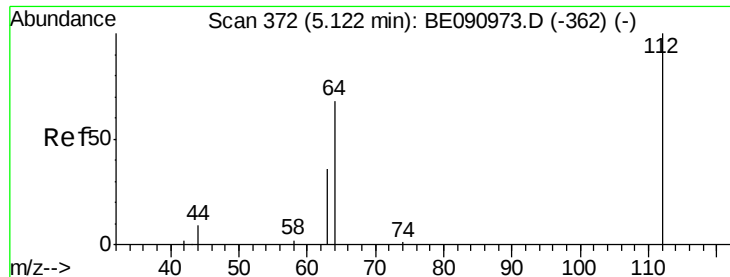


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.06 ng

RT: 5.05 min Scan# 361

Delta R.T. 0.10 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

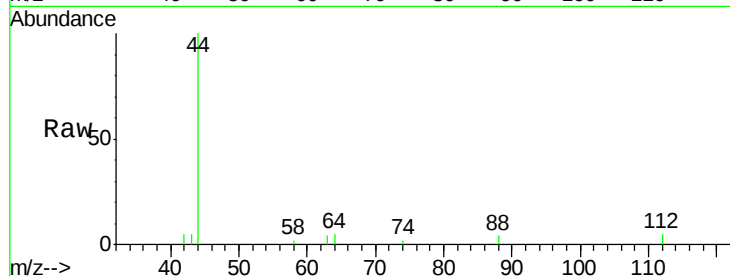
Tgt Ion: 112 Resp: 346

Ion Ratio Lower Upper

112 100

64 54.3 57.4 86.0#

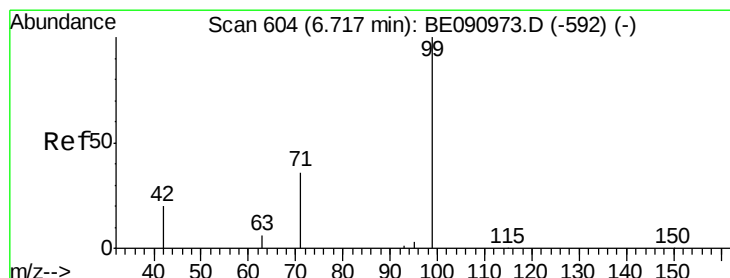
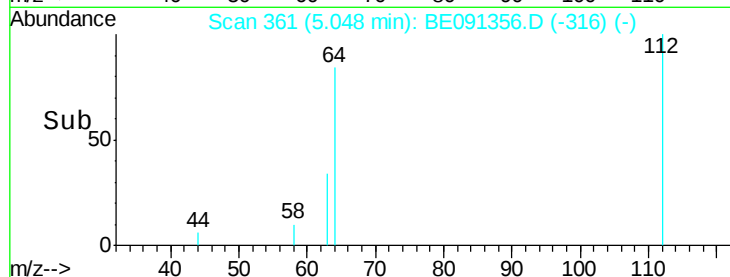
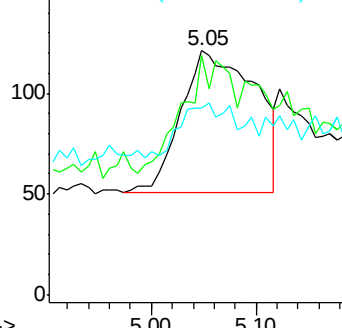
63 26.0 32.2 48.2#



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: 0.10 ng

RT: 6.66 min Scan# 595

Delta R.T. 0.09 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

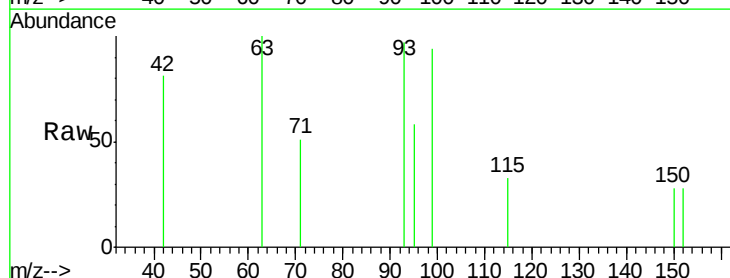
Tgt Ion: 99 Resp: 672

Ion Ratio Lower Upper

99 100

42 0.0 22.9 34.3#

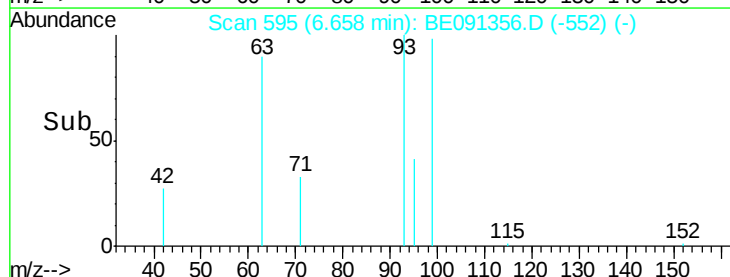
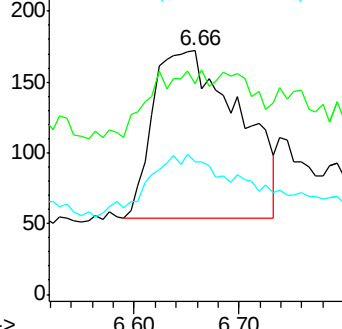
71 0.0 35.4 53.2#

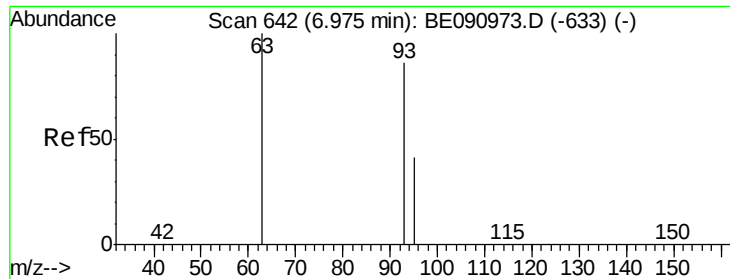


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.06 ng

RT: 6.64 min Scan# 593

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

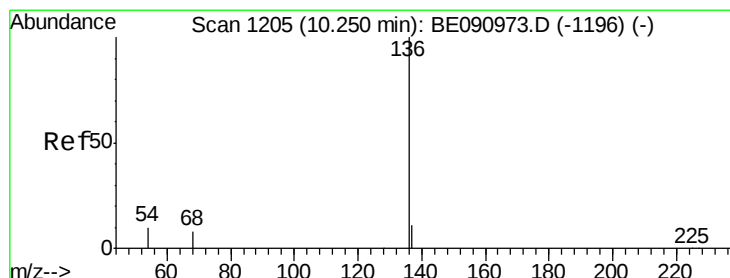
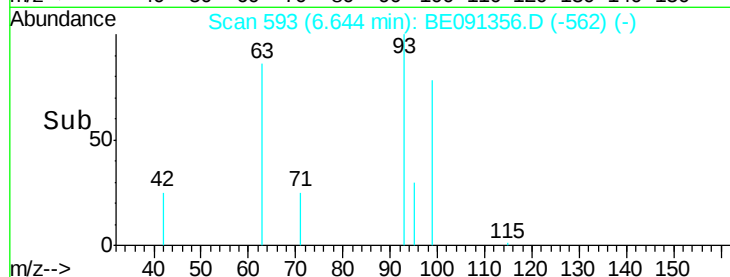
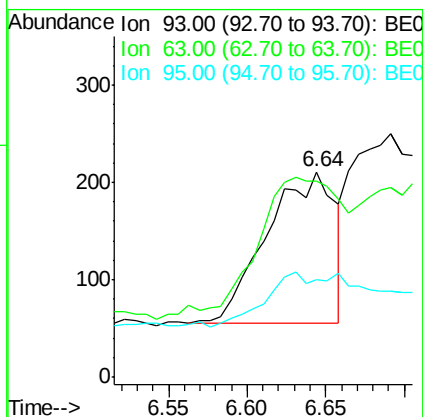
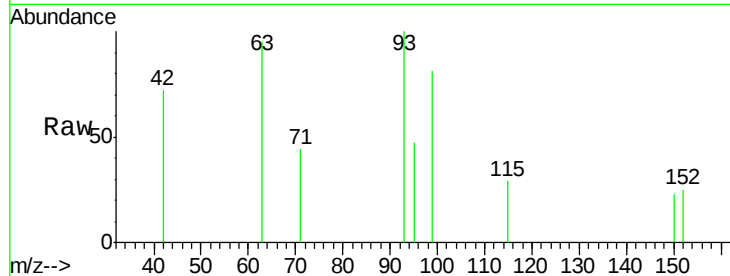
Tgt Ion: 93 Resp: 471

Ion Ratio Lower Upper

93 100

63 117.4 0.0 0.0#

95 31.0 53.9 80.9#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.56 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Tgt Ion: 136 Resp: 121778

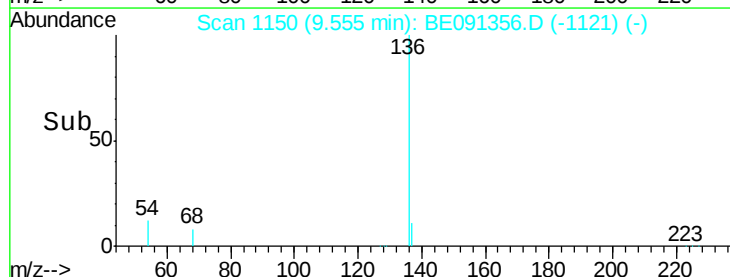
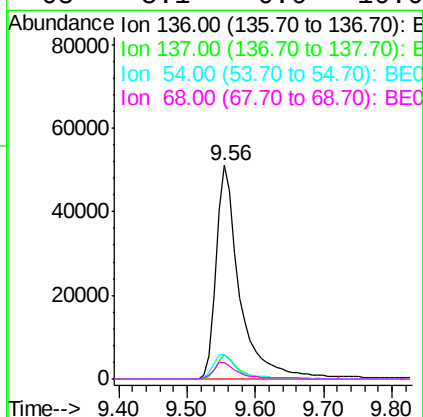
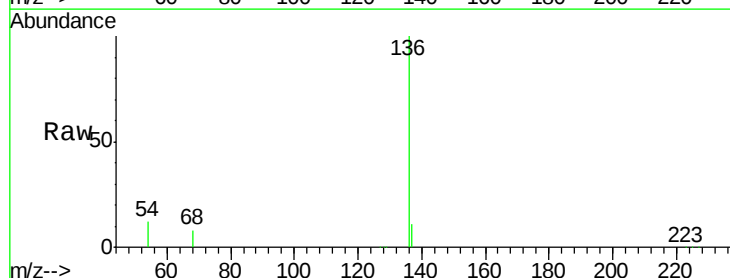
Ion Ratio Lower Upper

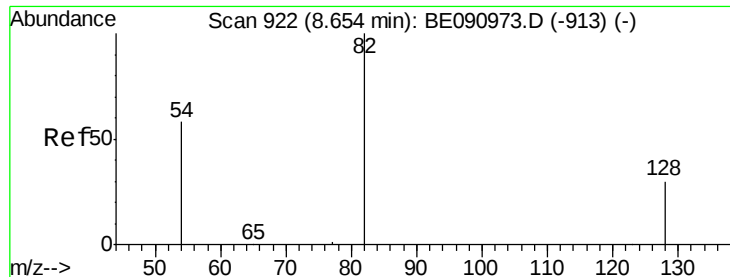
136 100

137 11.1 8.7 13.1

54 11.6 9.8 14.6

68 8.1 6.6 10.0





#8

Nitrobenzene-d5

Concen: 0.17 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.06 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

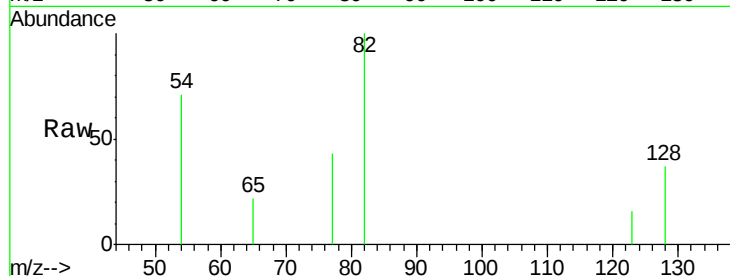
Tgt Ion: 82 Resp: 1139

Ion Ratio Lower Upper

82 100

128 36.7 24.6 36.8

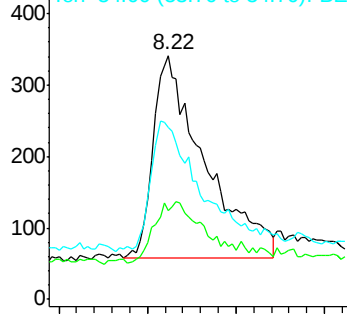
54 70.7 52.7 79.1



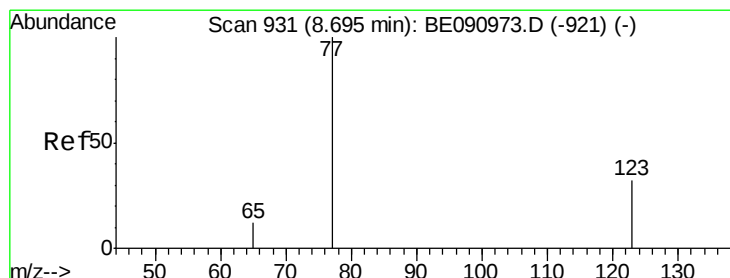
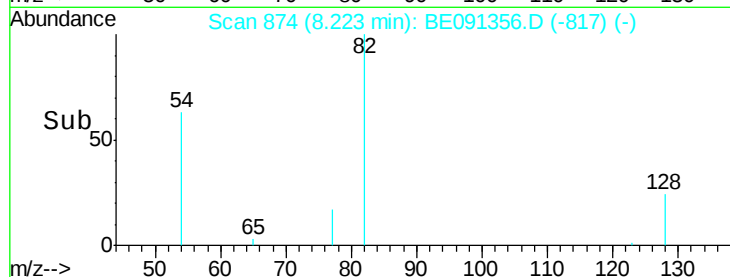
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.10 8.20 8.30 8.40



#9

Nitrobenzene

Concen: 0.15 ng

RT: 8.26 min Scan# 883

Delta R.T. 0.06 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

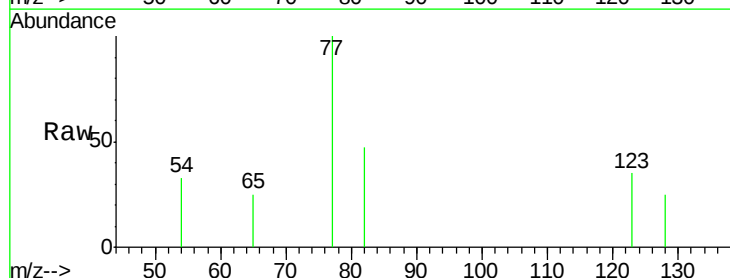
Tgt Ion: 77 Resp: 1101

Ion Ratio Lower Upper

77 100

123 11.4 24.7 37.1#

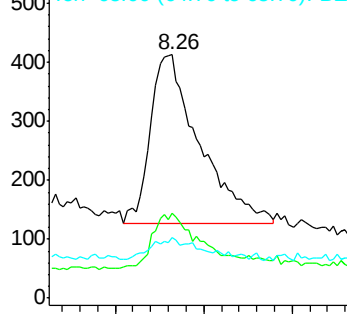
65 7.2 8.8 13.2#



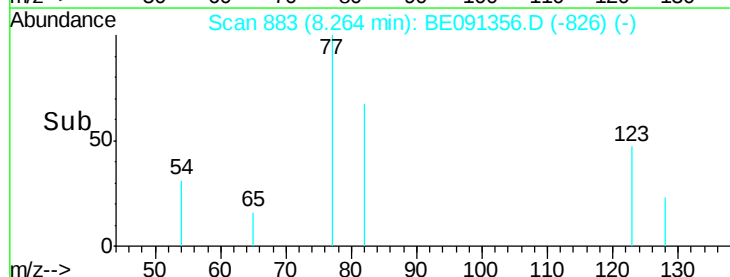
Abundance Ion 77.00 (76.70 to 77.70): BE0

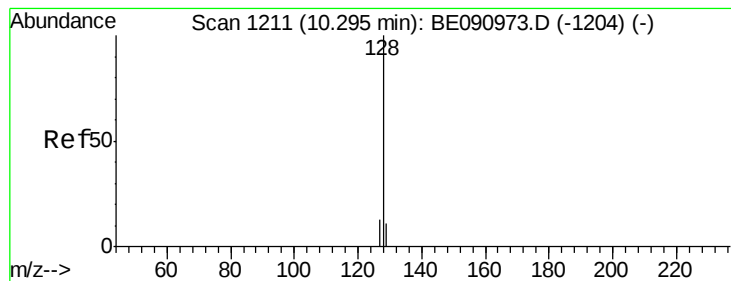
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



Time--> 8.20 8.30 8.40





#10

Naphthalene

Concen: 0.20 ng

RT: 9.60 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

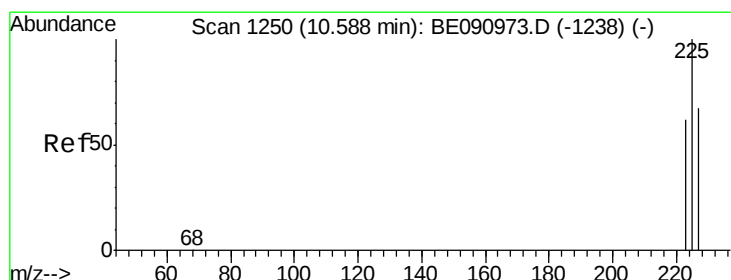
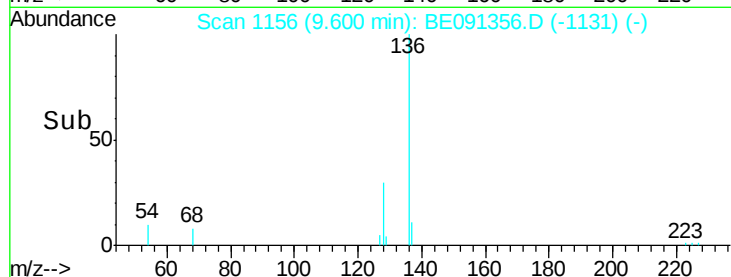
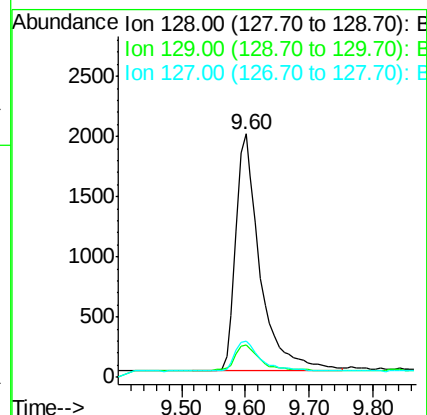
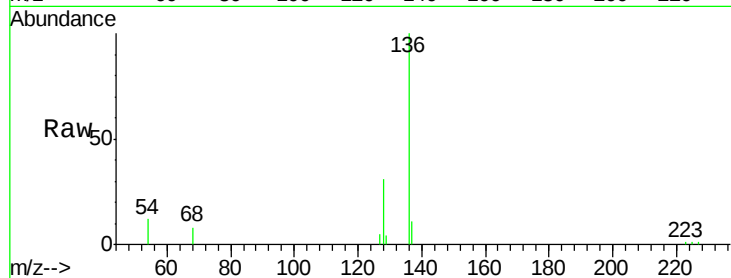
Tgt Ion:128 Resp: 5232

Ion Ratio Lower Upper

128 100

129 13.1 9.3 13.9

127 15.0 10.6 15.8



#11

Hexachlorobutadiene

Concen: 0.21 ng

RT: 9.83 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

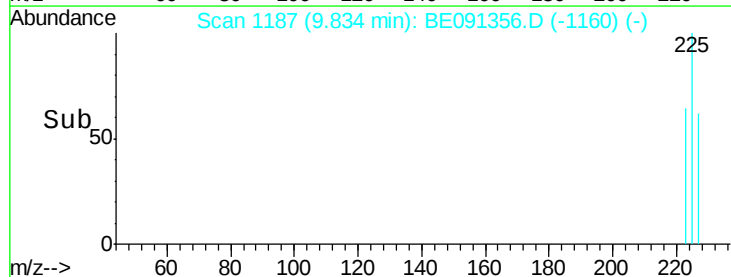
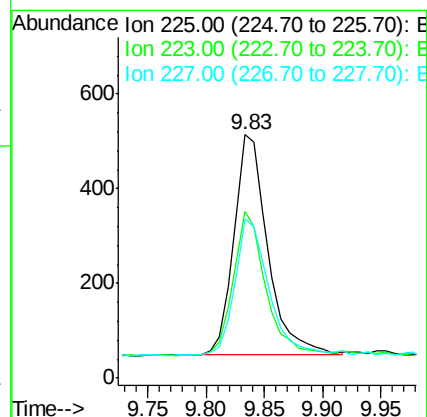
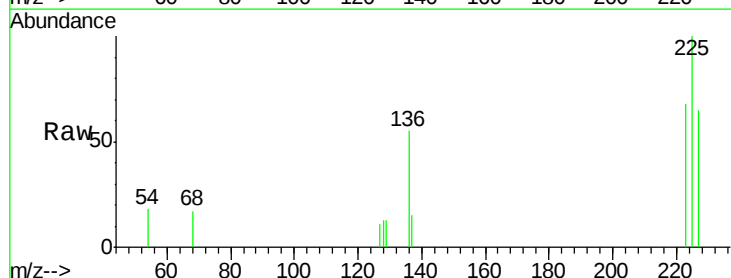
Tgt Ion:225 Resp: 942

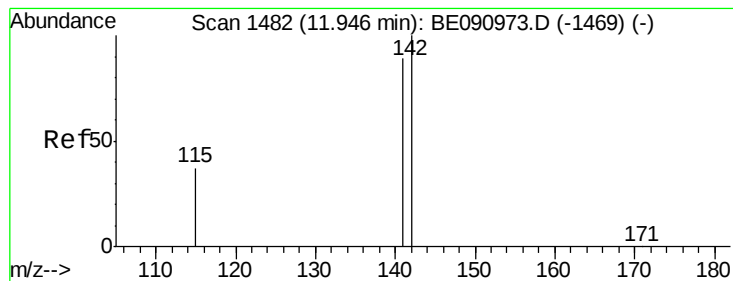
Ion Ratio Lower Upper

225 100

223 63.5 50.0 75.0

227 63.7 50.7 76.1





#12

2-Methylnaphthalene

Concen: 0.10 ng

RT: 11.17 min Scan# 1418

Delta R.T. 0.04 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

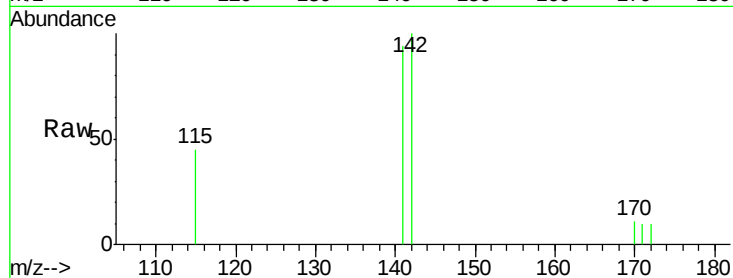
Tgt Ion:142 Resp: 1454

Ion Ratio Lower Upper

142 100

141 94.3 74.5 111.7

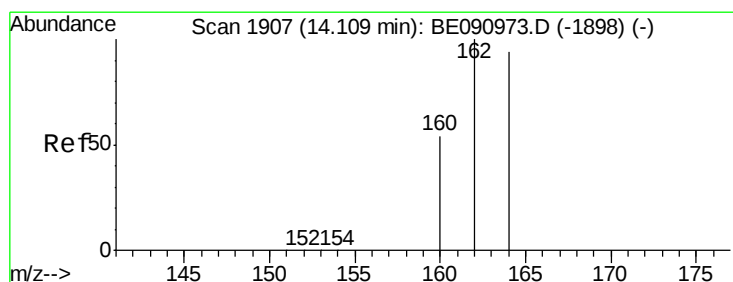
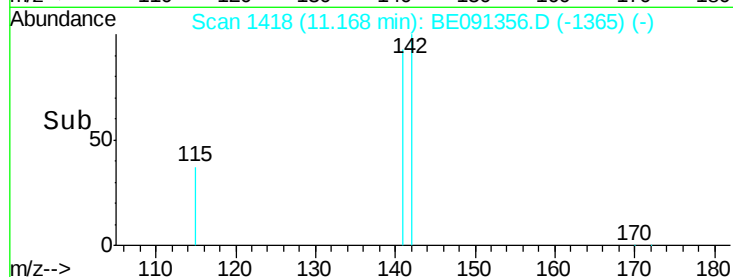
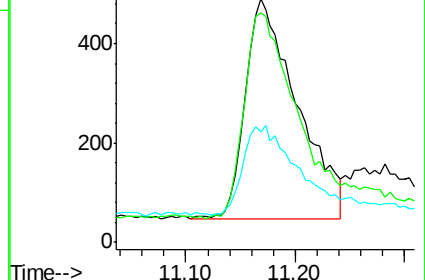
115 45.1 35.2 52.8



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: 13.36 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

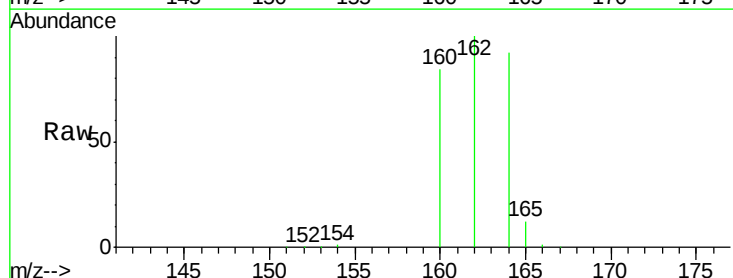
Tgt Ion:164 Resp: 56691

Ion Ratio Lower Upper

164 100

162 108.4 88.5 132.7

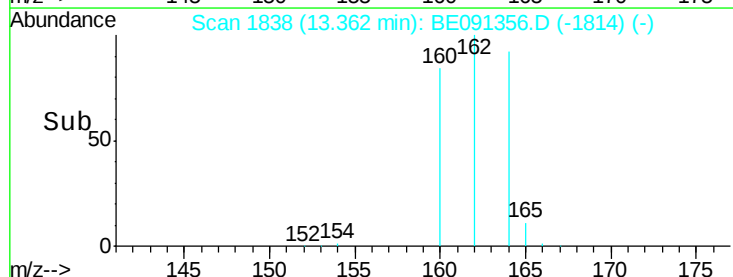
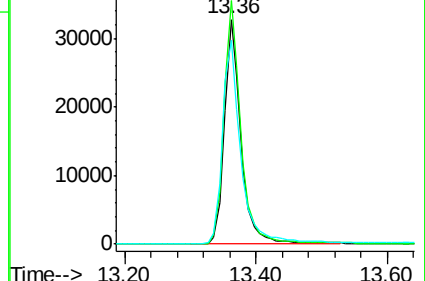
160 90.9 76.7 115.1

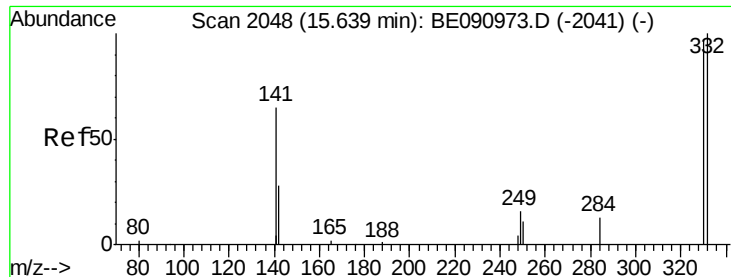


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

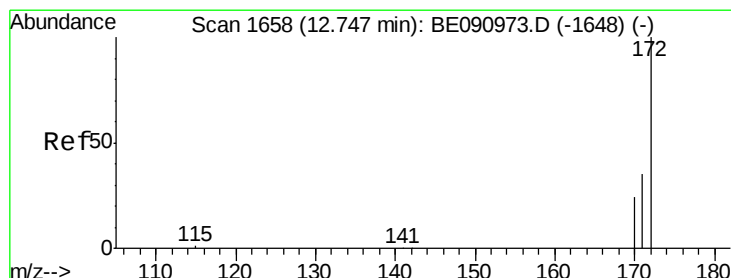
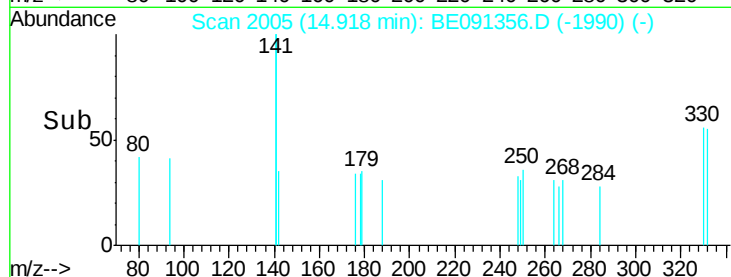
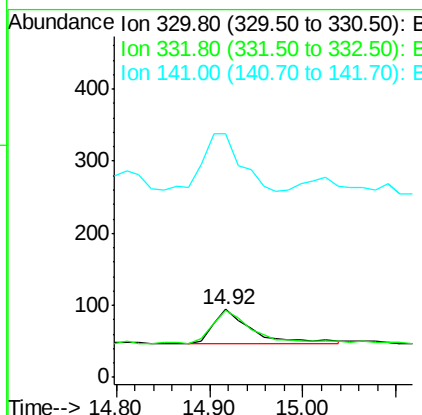
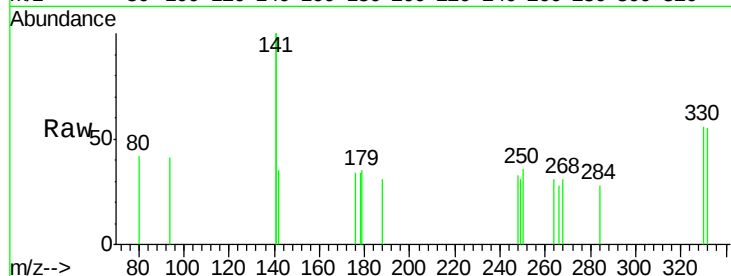




#14
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 14.92 min Scan# 2005
 Delta R.T. 0.03 min
 Lab File: BE091356.D
 Acq: 14 Jan 2016 18:22

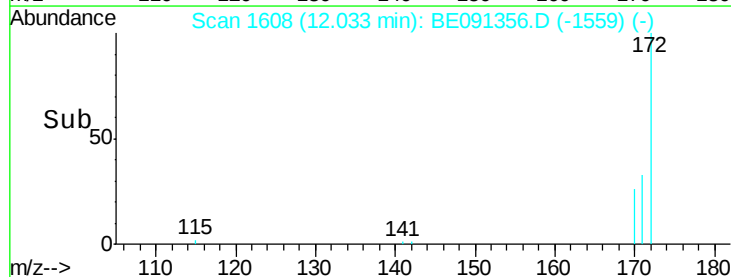
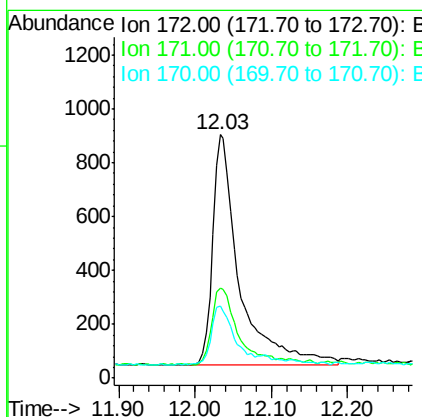
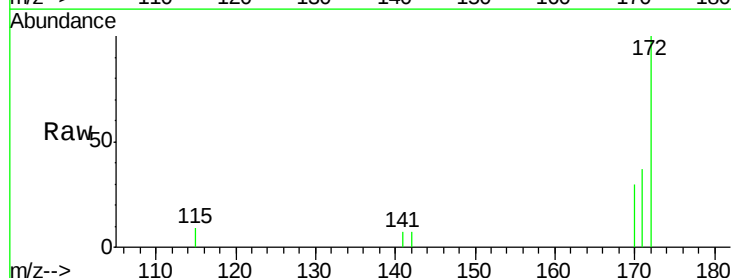
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

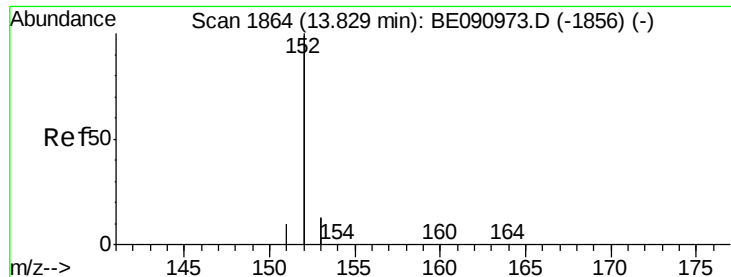
Tgt Ion: 330 Resp: 136
 Ion Ratio Lower Upper
 330 100
 332 103.7 78.6 118.0
 141 160.3 147.8 221.8



#15
 2-Fluorobiphenyl
 Concen: 0.14 ng
 RT: 12.03 min Scan# 1608
 Delta R.T. 0.02 min
 Lab File: BE091356.D
 Acq: 14 Jan 2016 18:22

Tgt Ion: 172 Resp: 2104
 Ion Ratio Lower Upper
 172 100
 171 36.8 27.3 40.9
 170 29.8 19.8 29.6#





#16

Acenaphthylene

Concen: 0.12 ng

RT: 13.12 min Scan# 1810

Delta R.T. 0.02 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

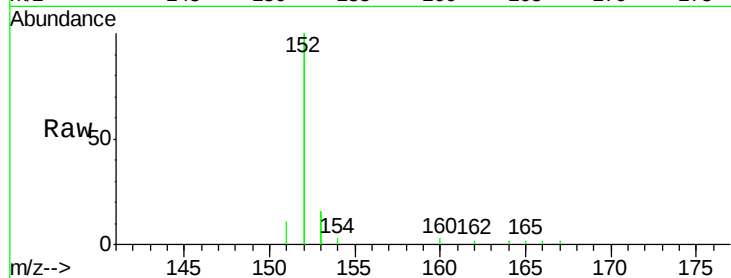
Tgt Ion:152 Resp: 11124

Ion Ratio Lower Upper

152 100

151 5.0 3.8 5.8

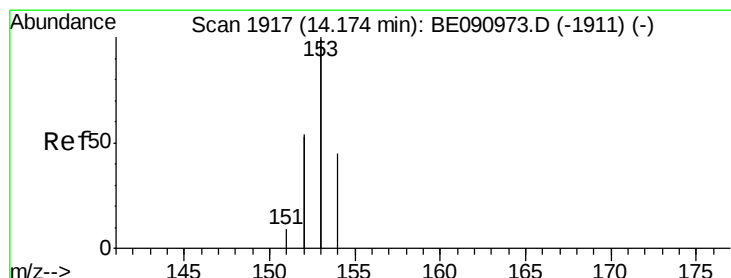
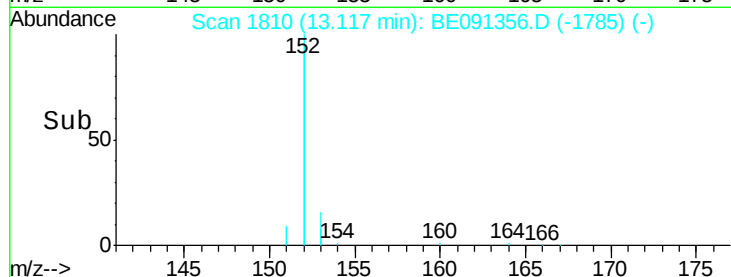
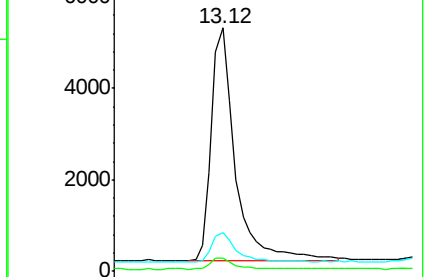
153 12.7 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.21 ng

RT: 13.42 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

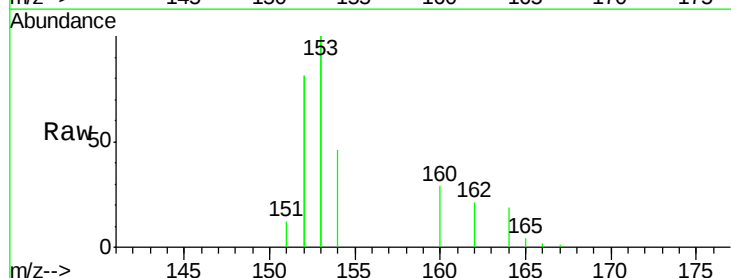
Tgt Ion:154 Resp: 3164

Ion Ratio Lower Upper

154 100

153 458.4 370.2 555.4

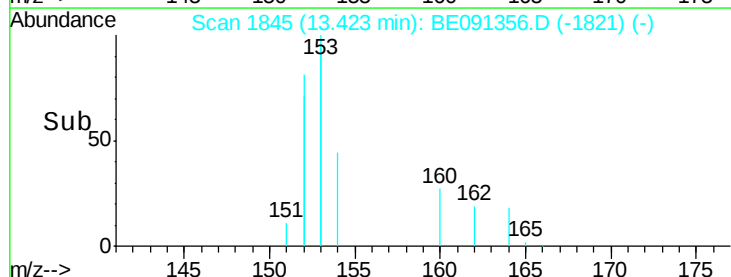
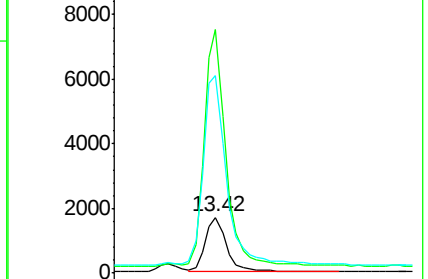
152 394.1 310.5 465.7

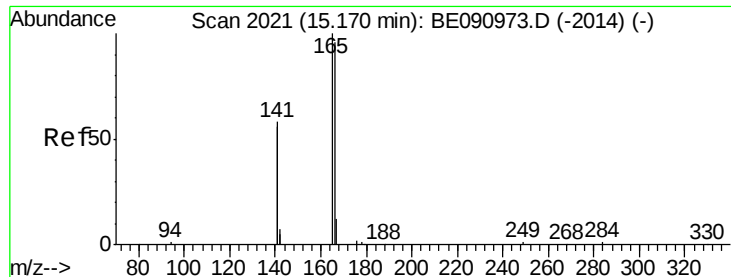


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.14 ng

RT: 14.43 min Scan# 1960

Delta R.T. 0.02 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

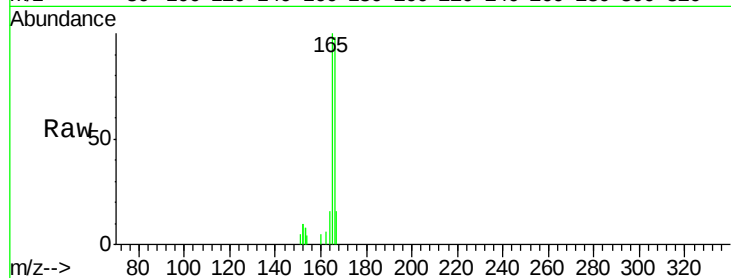
Tgt Ion:166 Resp: 2552

Ion Ratio Lower Upper

166 100

165 109.5 83.0 124.6

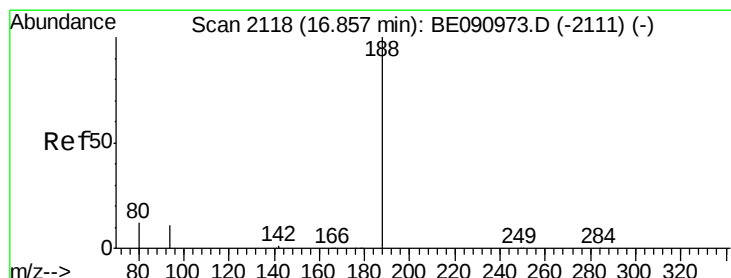
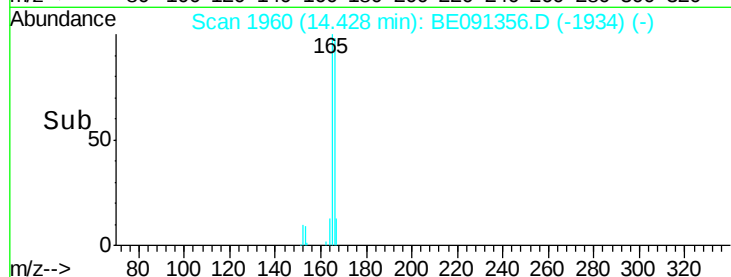
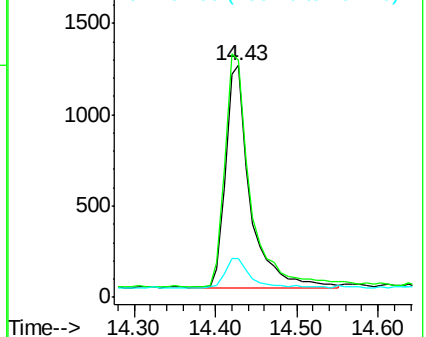
167 13.7 11.1 16.7



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: 16.08 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

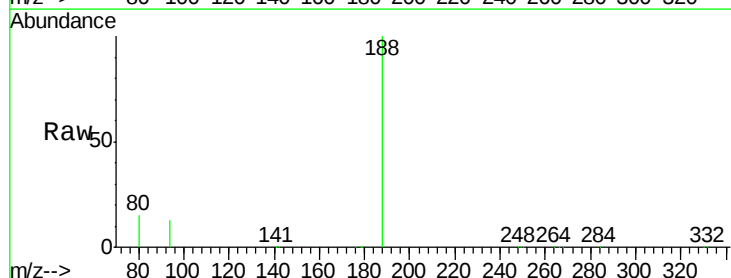
Tgt Ion:188 Resp: 175027

Ion Ratio Lower Upper

188 100

94 13.0 7.5 11.3#

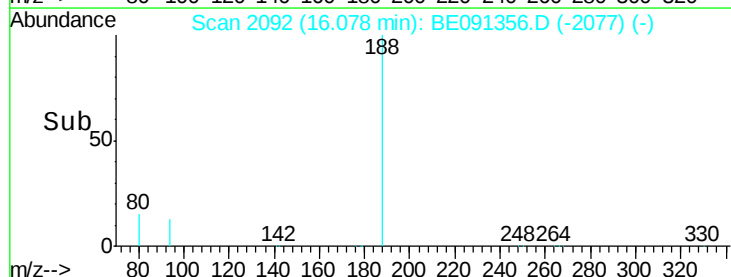
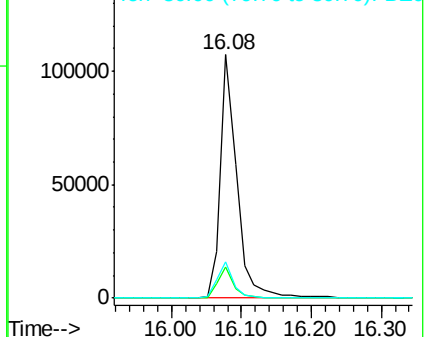
80 14.7 8.2 12.2#

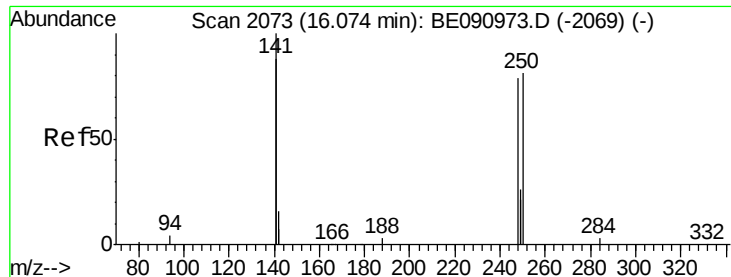


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

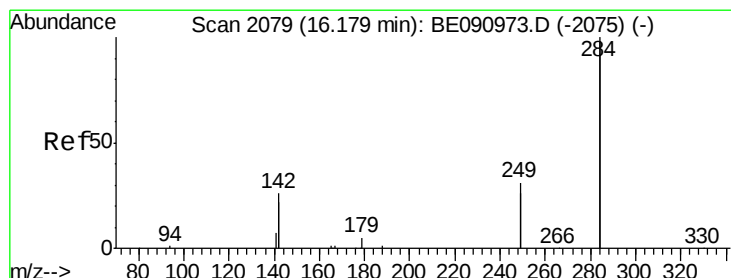
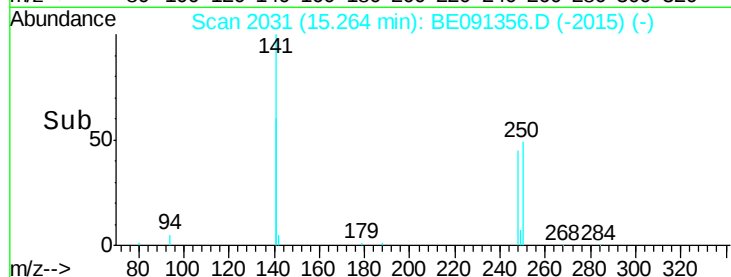
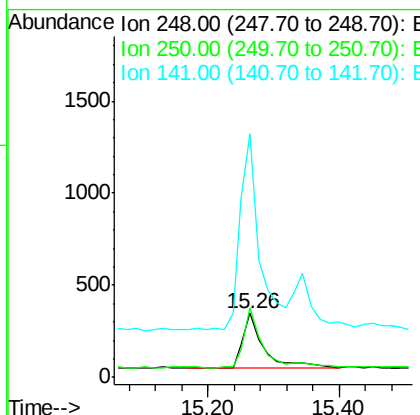
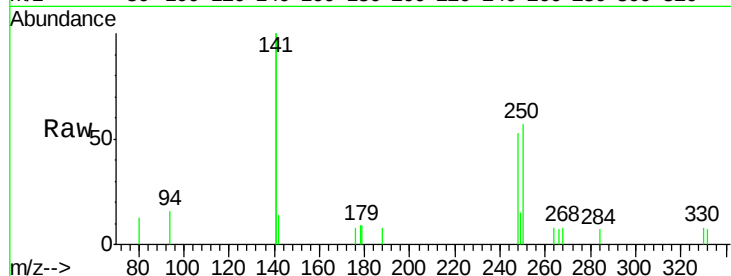




#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 15.26 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE091356.D
Acq: 14 Jan 2016 18:22

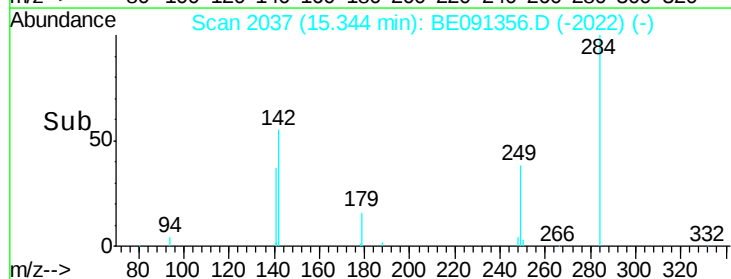
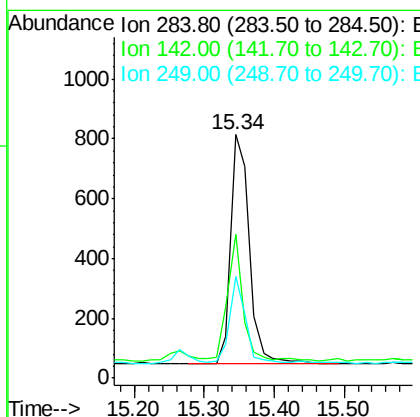
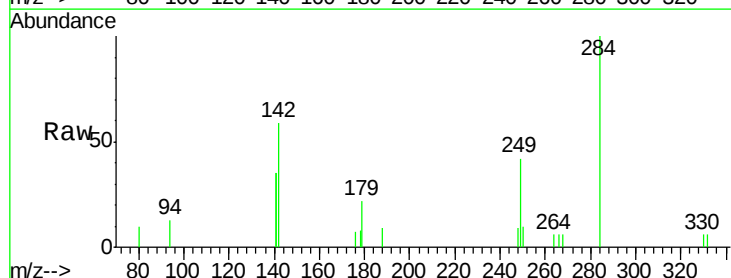
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

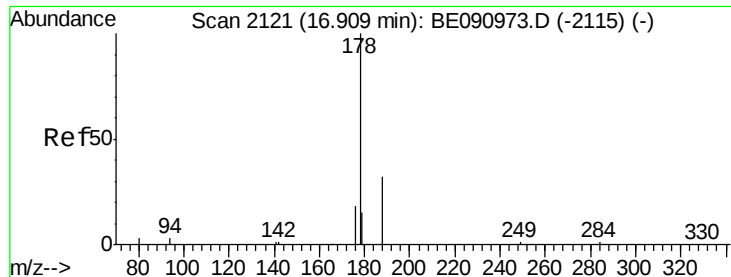
Tgt Ion:248 Resp: 663
Ion Ratio Lower Upper
248 100
250 89.0 76.2 114.2
141 327.6 282.4 423.6



#21
Hexachlorobenzene
Concen: 0.05 ng
RT: 15.34 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BE091356.D
Acq: 14 Jan 2016 18:22

Tgt Ion:284 Resp: 1421
Ion Ratio Lower Upper
284 100
142 45.3 35.4 53.0
249 31.5 25.0 37.4





#23

Phenanthrene

Concen: 0.18 ng

RT: 16.12 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

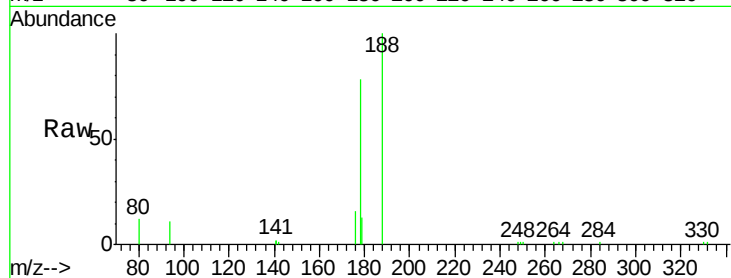
Tgt Ion:178 Resp: 8241

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

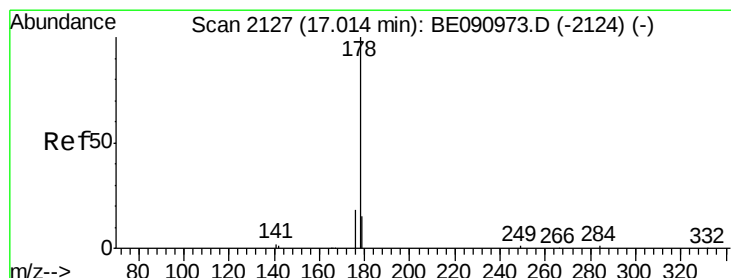
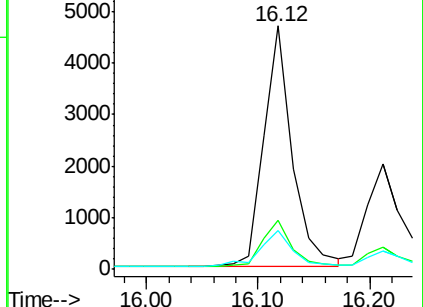
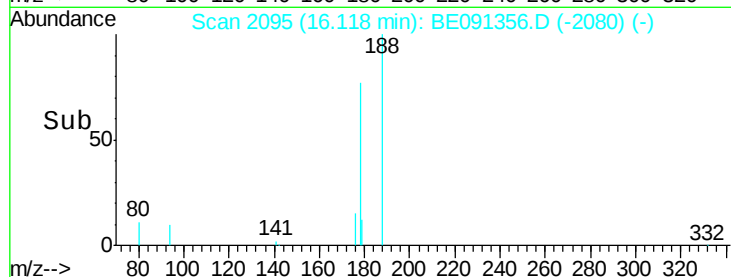
179 17.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.12 ng

RT: 16.21 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

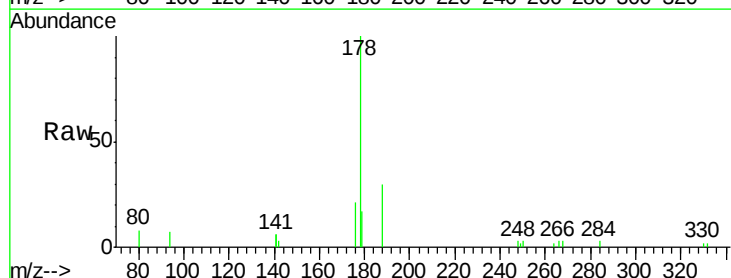
Tgt Ion:178 Resp: 4491

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

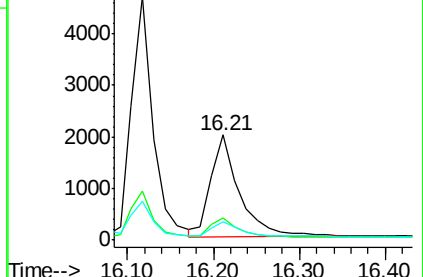
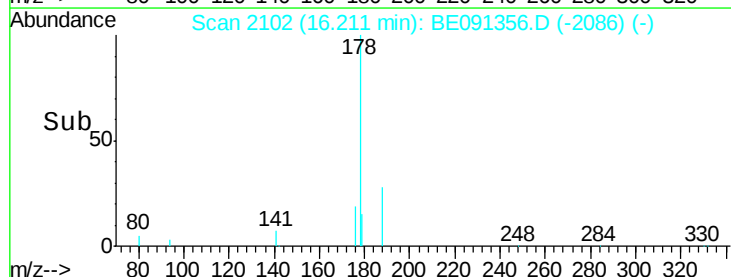
179 16.1 12.4 18.6

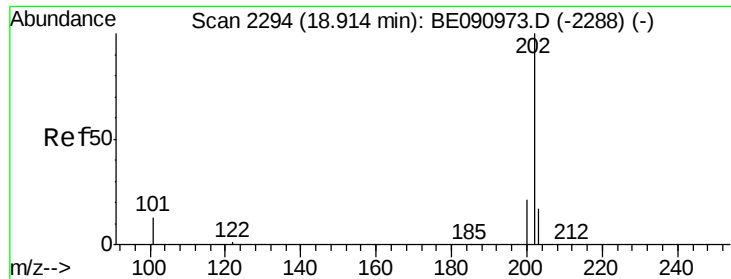


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.09 ng

RT: 18.10 min Scan# 2304

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

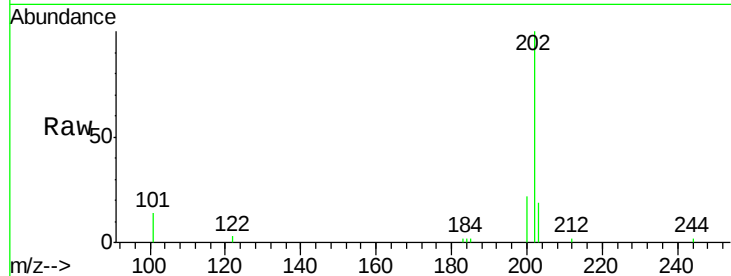
Tgt Ion:202 Resp: 4769

Ion Ratio Lower Upper

202 100

101 13.4 11.0 16.4

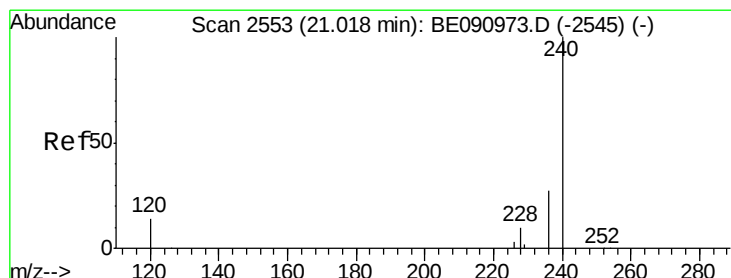
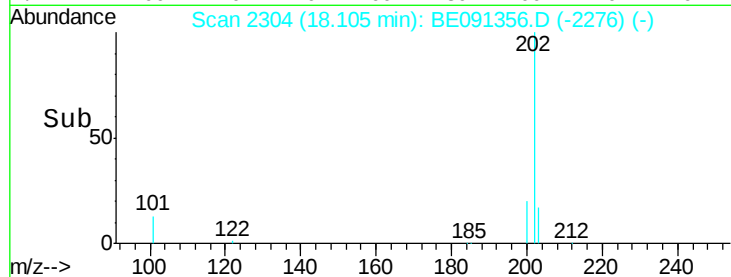
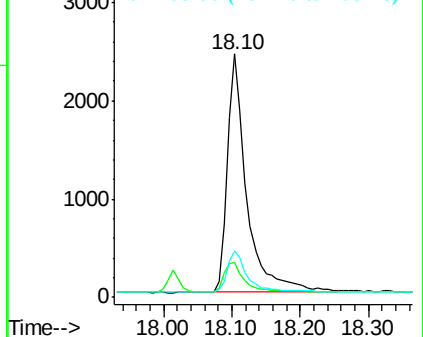
203 18.1 13.9 20.9



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: 20.22 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

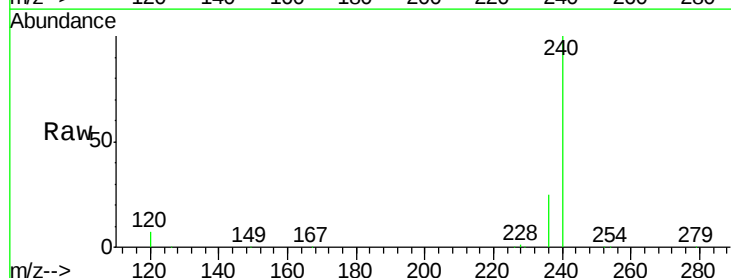
Tgt Ion:240 Resp: 158312

Ion Ratio Lower Upper

240 100

120 7.3 12.6 19.0#

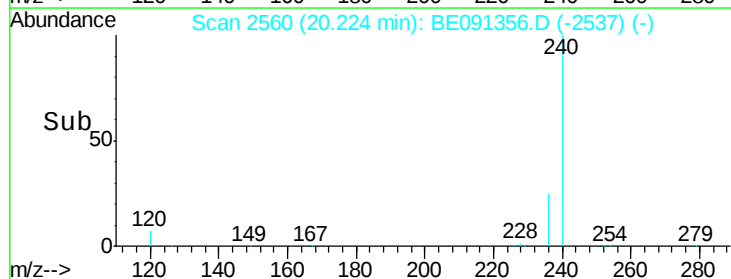
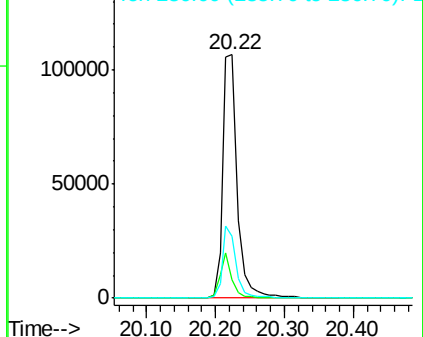
236 25.4 22.7 34.1

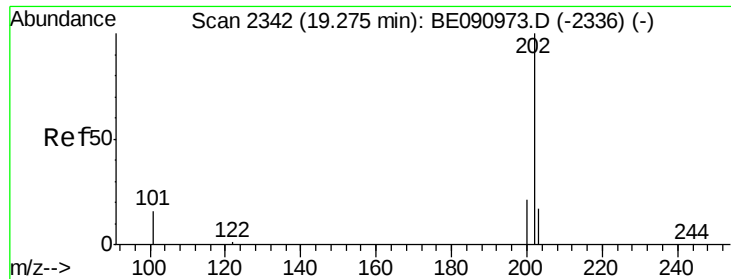


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.09 ng

RT: 18.49 min Scan# 2355

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

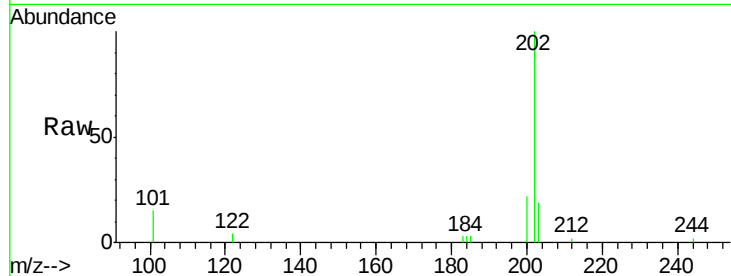
Tgt Ion:202 Resp: 3612

Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

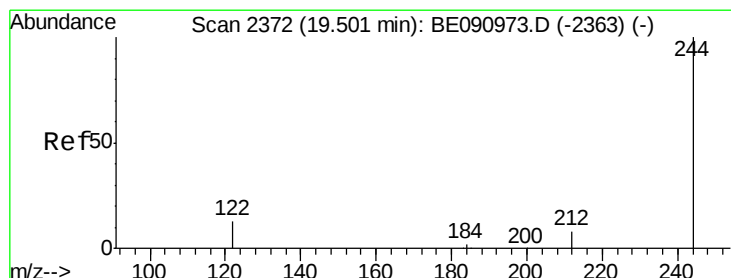
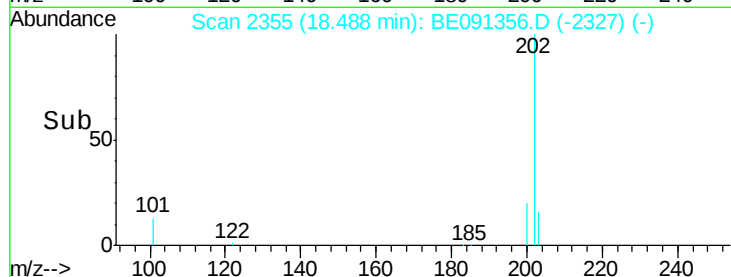
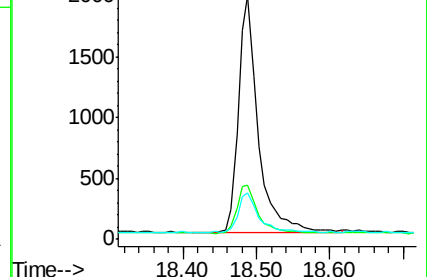
203 17.7 14.2 21.4



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: 0.11 ng

RT: 18.63 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

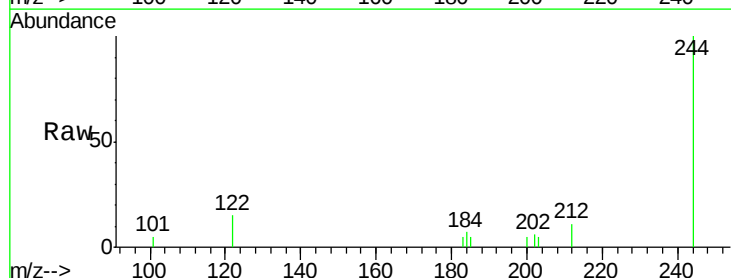
Tgt Ion:244 Resp: 2156

Ion Ratio Lower Upper

244 100

212 10.7 7.0 10.4#

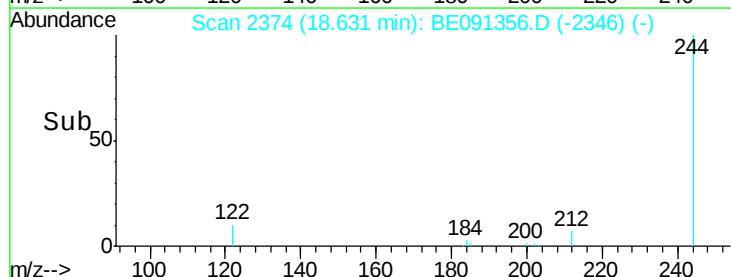
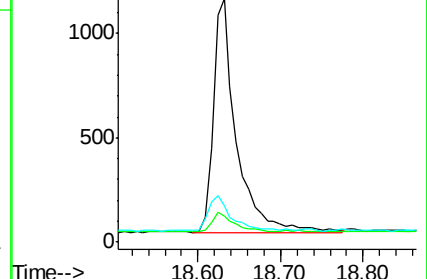
122 14.7 8.5 12.7#

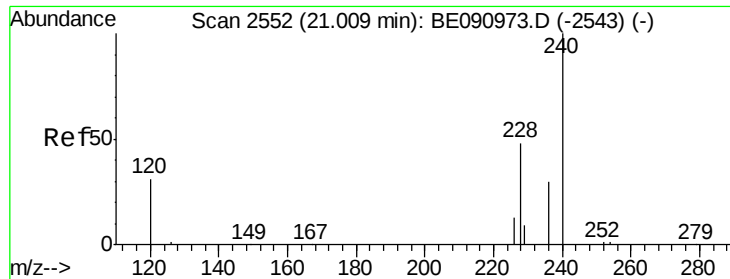


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.09 ng

RT: 20.19 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

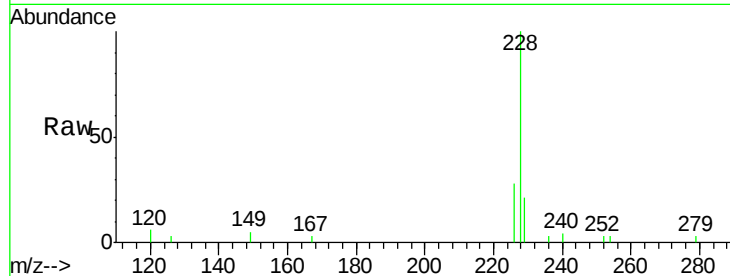
Tgt Ion:228 Resp: 3313

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

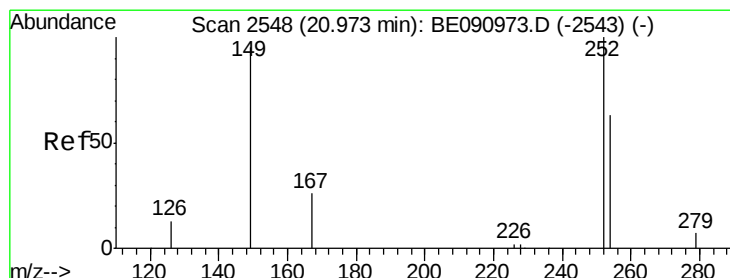
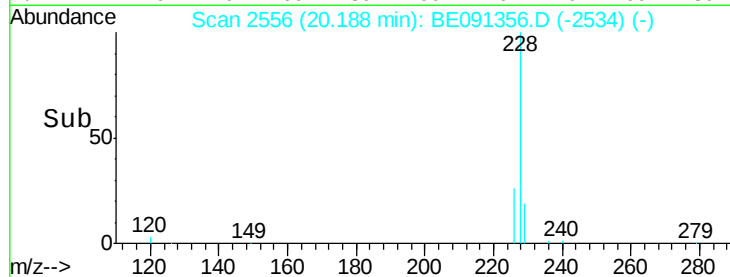
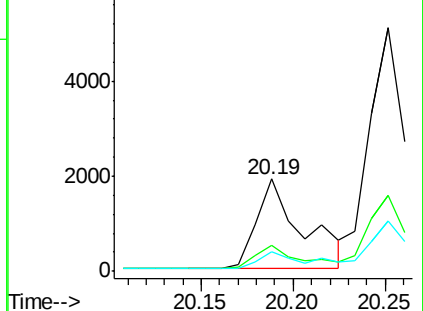
229 21.3 16.2 24.4



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: 0.07 ng

RT: 20.27 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

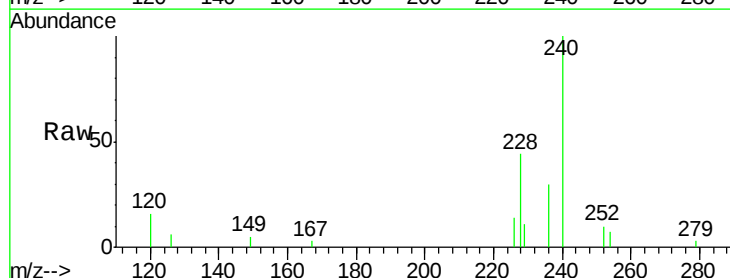
Tgt Ion:252 Resp: 438

Ion Ratio Lower Upper

252 100

254 72.2 52.6 79.0

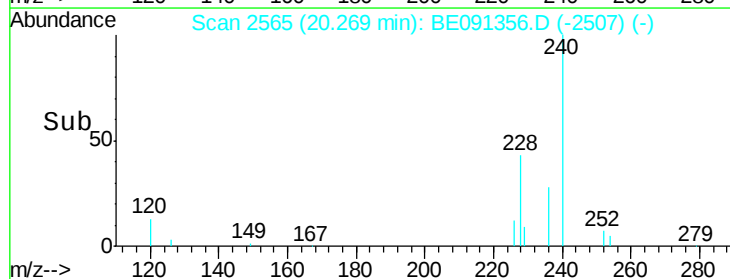
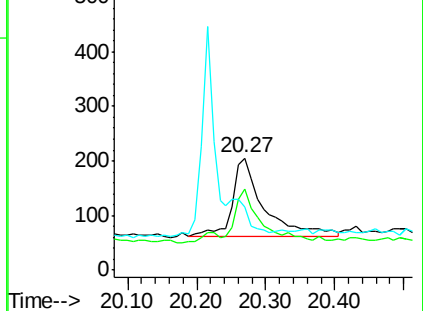
126 57.1 21.4 32.0#

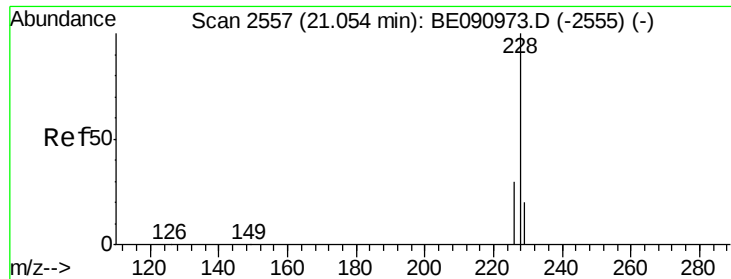


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.16 ng

RT: 20.25 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

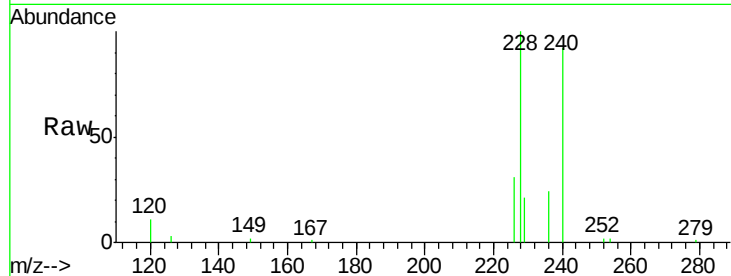
Tgt Ion:228 Resp: 7342

Ion Ratio Lower Upper

228 100

226 31.2 23.7 35.5

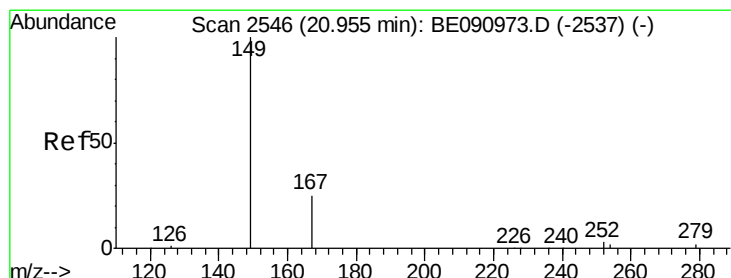
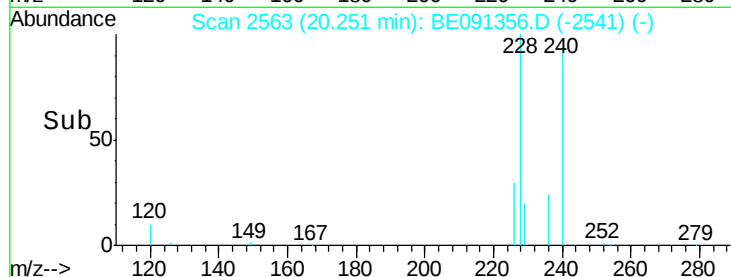
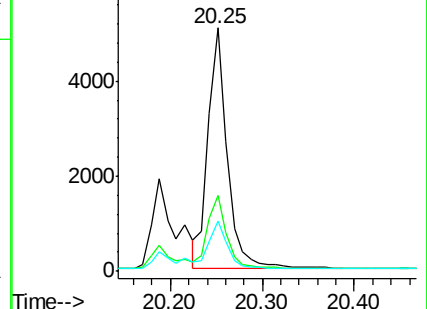
229 20.6 16.0 24.0



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: 0.08 ng

RT: 19.89 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

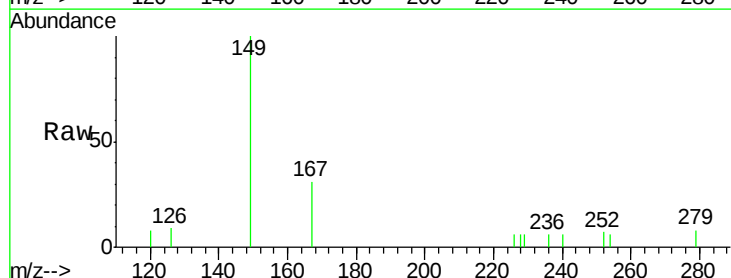
Tgt Ion:149 Resp: 1080

Ion Ratio Lower Upper

149 100

167 31.6 21.6 32.4

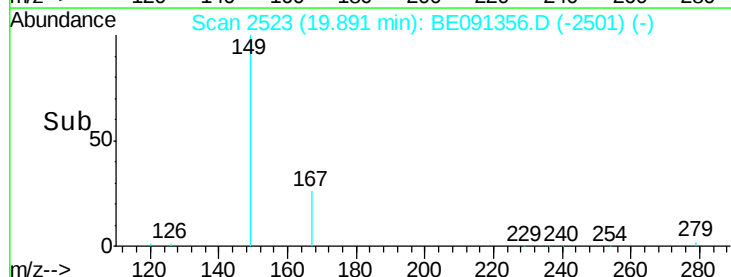
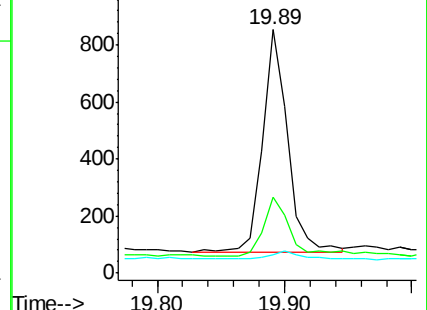
279 4.3 2.2 3.4#

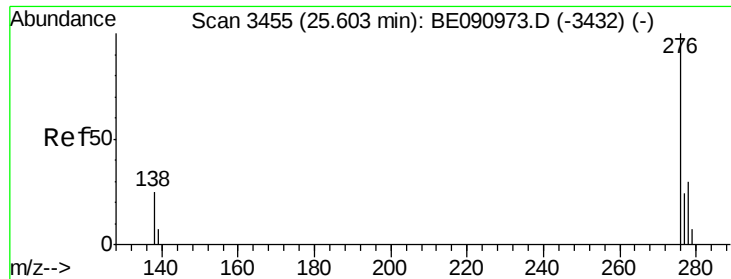


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.06 ng

RT: 23.71 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

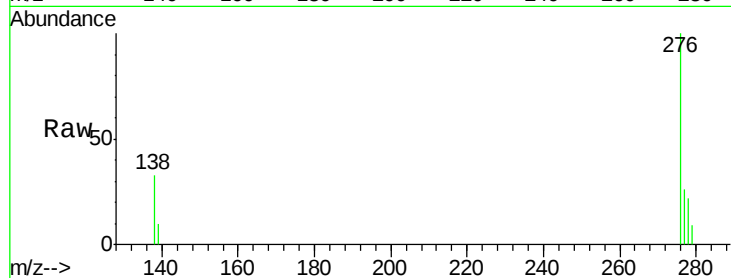
Tgt Ion:276 Resp: 2288

Ion Ratio Lower Upper

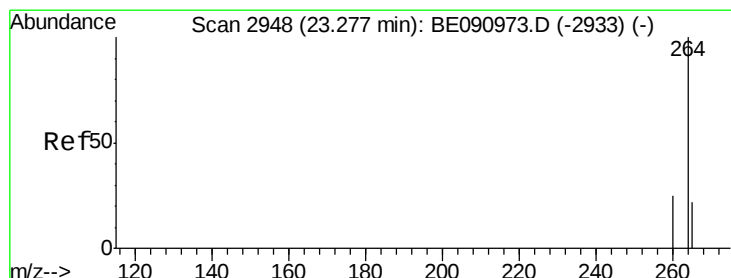
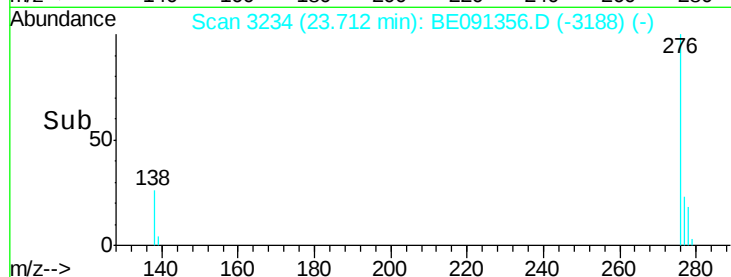
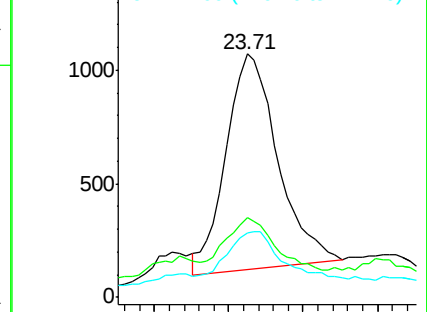
276 100

138 30.3 22.5 33.7

277 28.1 20.0 30.0



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

Perylene-d12

Concen: 5.00 ng

RT: 22.10 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

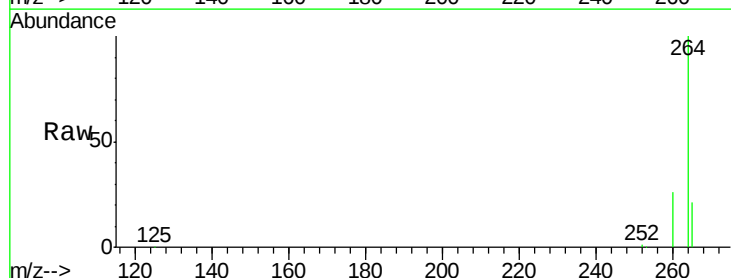
Tgt Ion:264 Resp: 147751

Ion Ratio Lower Upper

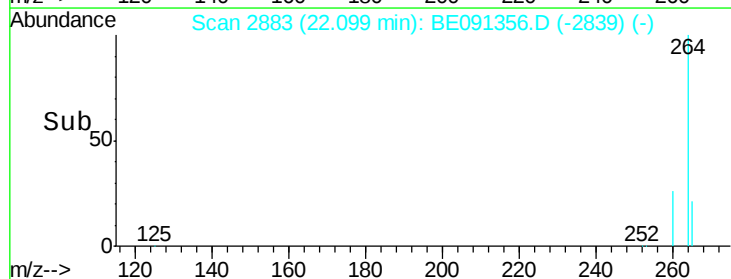
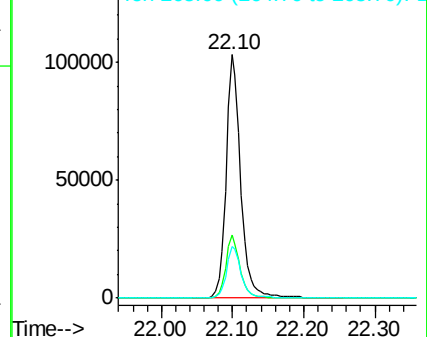
264 100

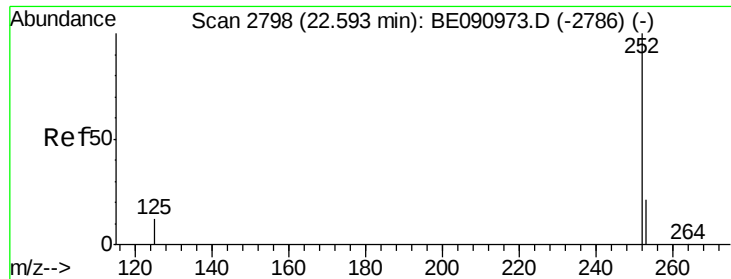
260 25.8 20.4 30.6

265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#36

Benzo(b)fluoranthene

Concen: 0.11 ng

RT: 21.58 min Scan# 2769

Delta R.T. 0.03 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

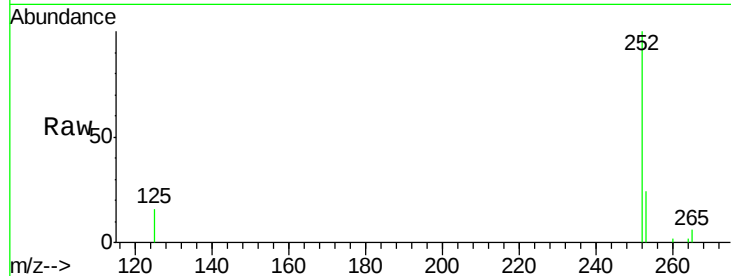
Tgt Ion:252 Resp: 3500

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.2

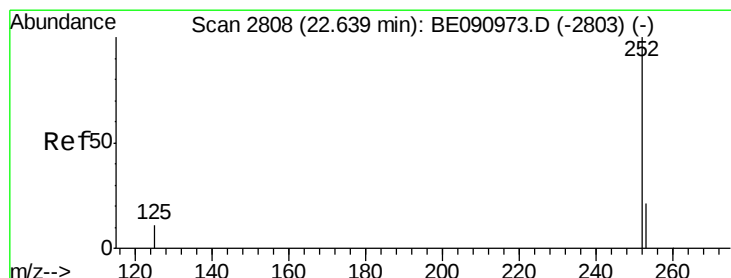
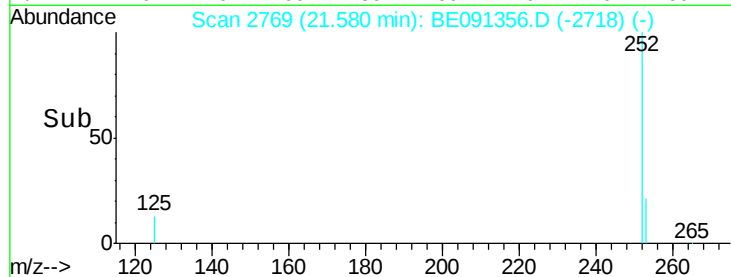
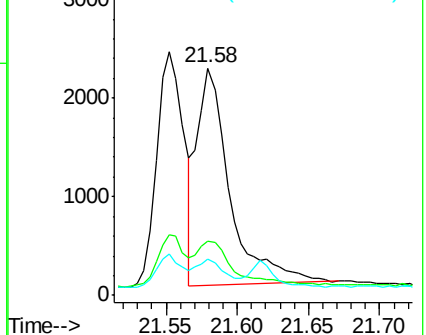
125 16.0 11.0 16.6



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



#37

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 21.58 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

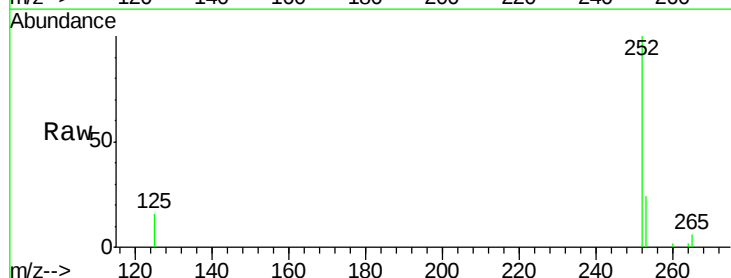
Tgt Ion:252 Resp: 3500

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

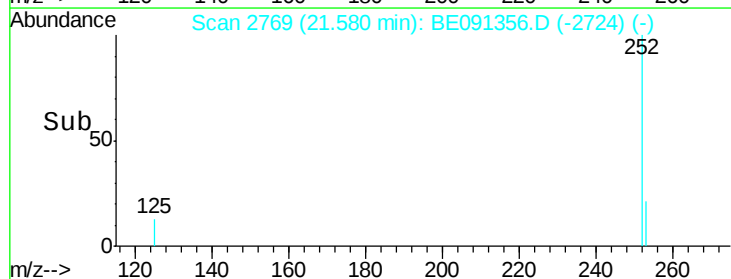
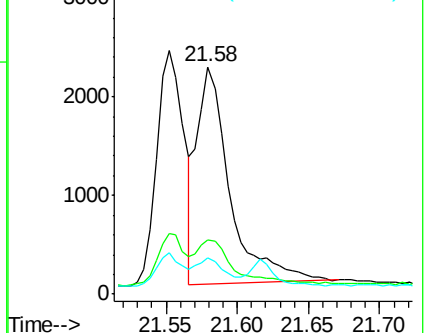
125 16.0 11.3 16.9

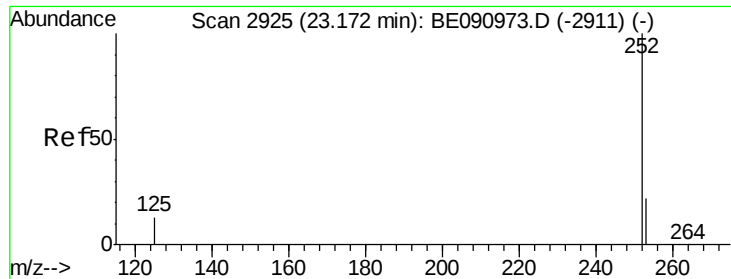


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.13 ng

RT: 22.01 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

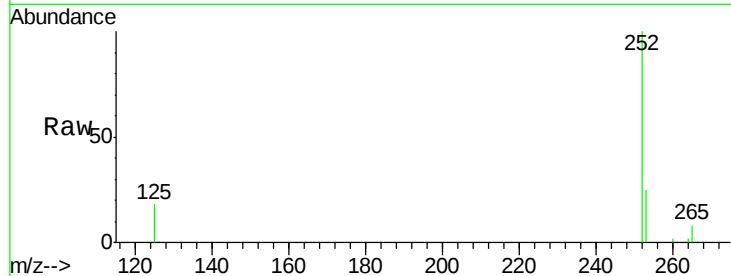
Tgt Ion:252 Resp: 3963

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

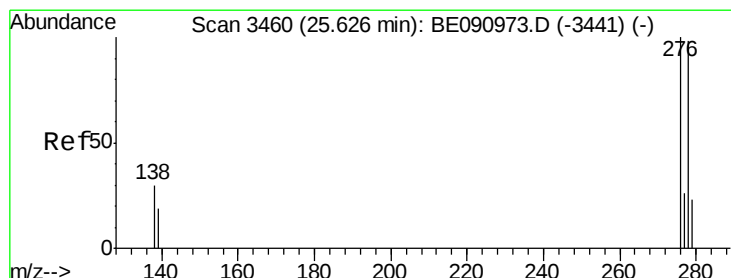
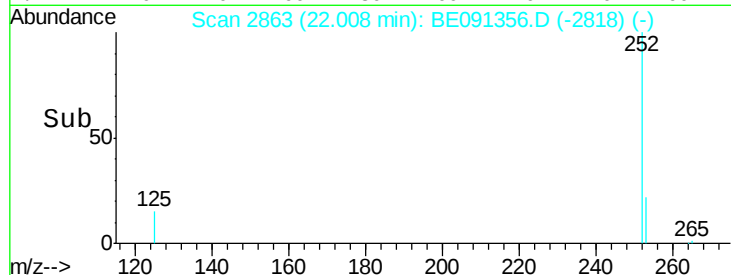
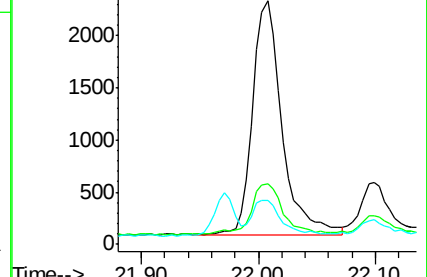
125 18.2 12.2 18.4



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: 0.08 ng

RT: 23.67 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE091356.D

Acq: 14 Jan 2016 18:22

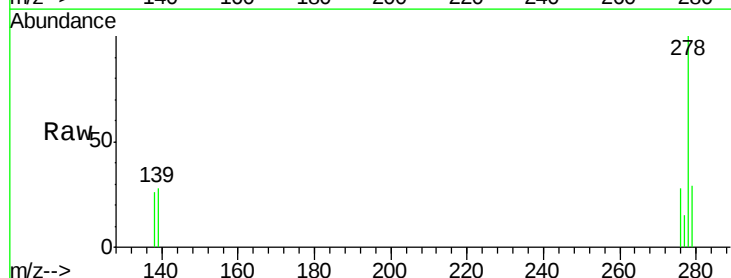
Tgt Ion:278 Resp: 2176

Ion Ratio Lower Upper

278 100

139 28.2 16.3 24.5#

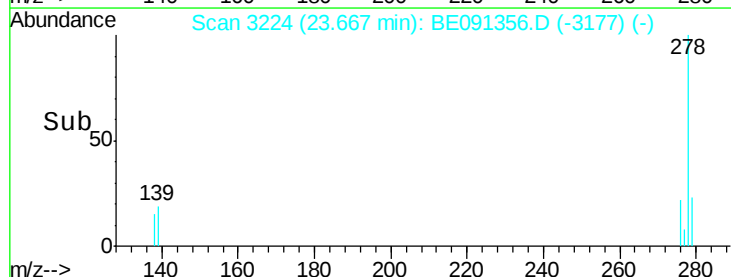
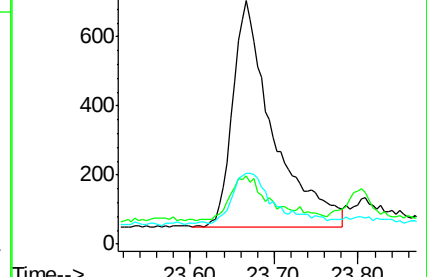
279 29.4 19.4 29.2#

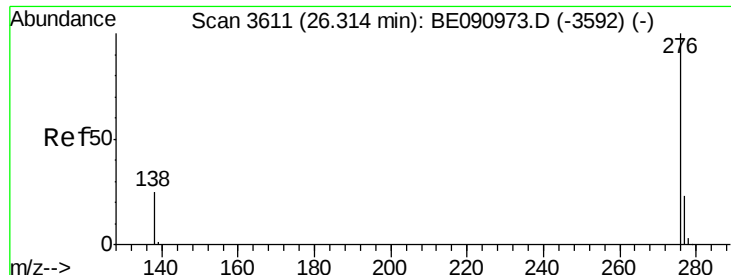


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.11 ng

RT: 24.26 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BE091356.D

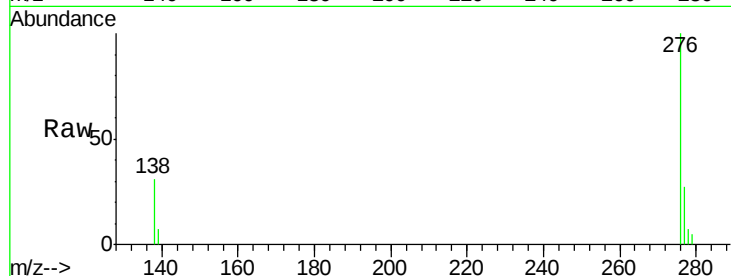
Acq: 14 Jan 2016 18:22

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



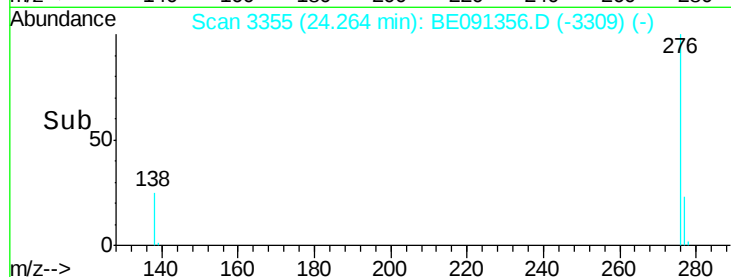
Tgt Ion: 276 Resp: 3474

Ion Ratio Lower Upper

276 100

277 26.7 19.8 29.6

138 31.5 23.3 34.9



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

