

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
 Data File : BE091358.D
 Acq On : 14 Jan 2016 19:37
 Operator : UM/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jan 14 22:25:05 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	24437	5.00	ng	0.00
7) Naphthalene-d8	9.55	136	108010	5.00	ng	0.00
13) Acenaphthene-d10	13.36	164	50024	5.00	ng	0.00
19) Phenanthrene-d10	16.08	188	155670	5.00	ng	0.00
26) Chrysene-d12	20.22	240	158269	5.00	ng	0.00
35) Perylene-d12	22.10	264	132742	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	4.96	112	1975	0.41	ng	0.02
5) Phenol-d6	6.58	99	3441	0.57	ng	0.00
8) Nitrobenzene-d5	8.18	82	4556	0.77	ng	0.01
14) 2,4,6-Tribromophenol	14.89	330	619	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.02	172	8021	0.61	ng	0.00
29) Terphenyl-d14	18.62	244	9651	0.50	ng	0.00

Target Compounds

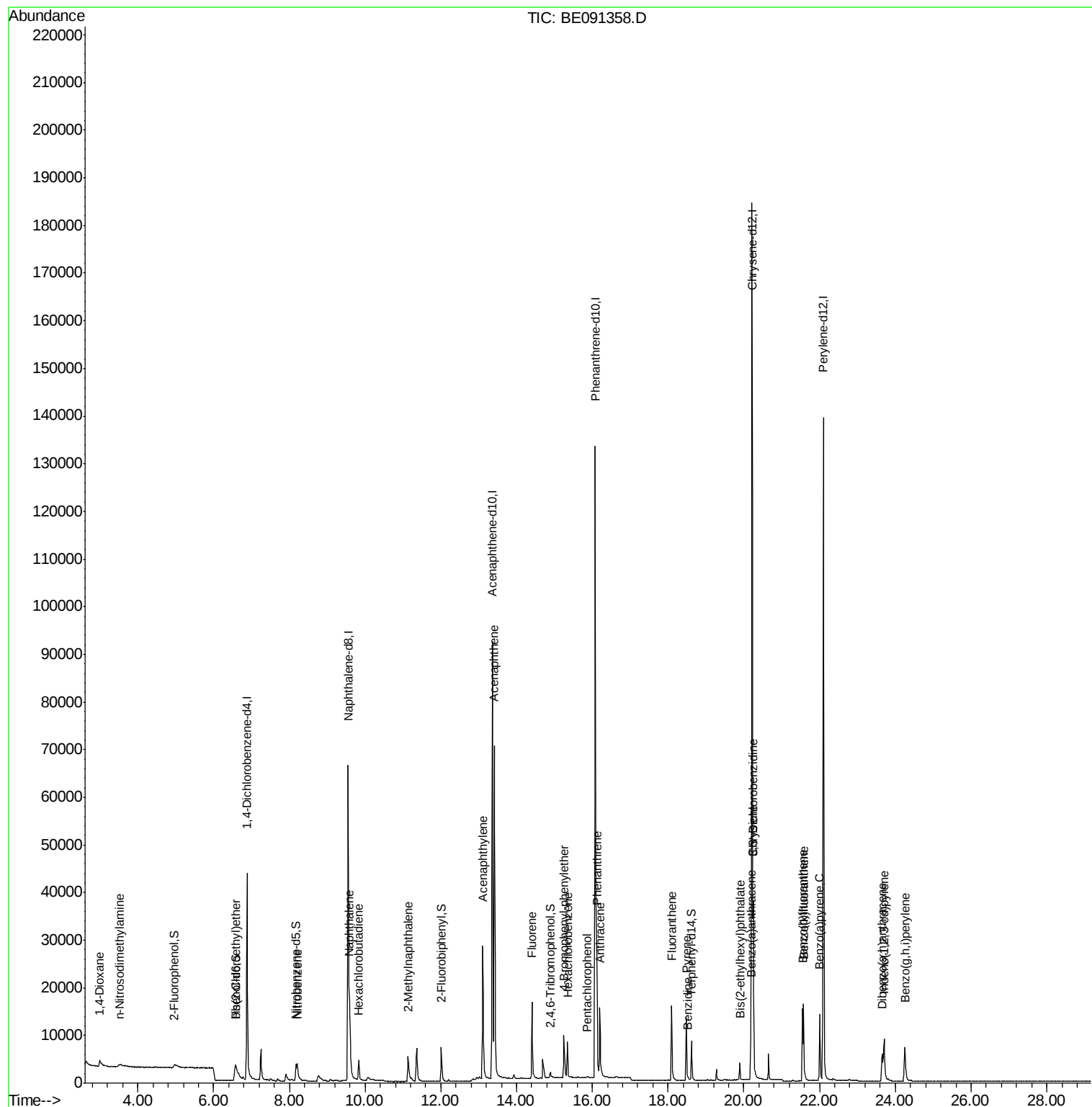
						Qvalue
2) 1,4-Dioxane	2.99	88	2046	0.49	ng	97
3) n-Nitrosodimethylamine	3.52	42	601	0.15	ng	# 54
6) bis(2-Chloroethyl)ether	6.58	93	8444	1.22	ng	# 39
9) Nitrobenzene	8.21	77	5141	0.80	ng	98
10) Naphthalene	9.60	128	18333	0.78	ng	99
11) Hexachlorobutadiene	9.83	225	3325	0.85	ng	99
12) 2-Methylnaphthalene	11.14	142	5603	0.43	ng	98
16) Acenaphthylene	13.11	152	45618	0.56	ng	99
17) Acenaphthene	13.42	154	11392	0.84	ng	97
18) Fluorene	14.41	166	11913	0.72	ng	98
20) 4-Bromophenyl-phenylether	15.25	248	2505	0.45	ng	99
21) Hexachlorobenzene	15.35	284	5444	0.20	ng	98
22) Pentachlorophenol	15.87	266	316	0.15	ng	96
23) Phenanthrene	16.12	178	30737	0.77	ng	100
24) Anthracene	16.20	178	18567	0.54	ng	99
25) Fluoranthene	18.10	202	17456	0.38	ng	100
27) Benzidine	18.52	184	737	0.28	ng	# 80
28) Pyrene	18.48	202	14336	0.37	ng	100
30) Benzo(a)anthracene	20.19	228	12410	0.35	ng	99
31) 3,3'-Dichlorobenzidine	20.25	252	1786	0.29	ng	94
32) Chrysene	20.25	228	29831	0.63	ng	99
33) Bis(2-ethylhexyl)phthalate	19.89	149	3760	0.26	ng	99
34) Indeno(1,2,3-cd)pyrene	23.70	276	12337	0.34	ng	96
36) Benzo(b)fluoranthene	21.55	252	14464	0.51	ng	99
37) Benzo(k)fluoranthene	21.58	252	17509	0.45	ng	100
38) Benzo(a)pyrene	22.00	252	16132	0.60	ng	100
39) Dibenzo(a,h)anthracene	23.65	278	9528	0.37	ng	96
40) Benzo(g,h,i)perylene	24.25	276	13633	0.48	ng	99

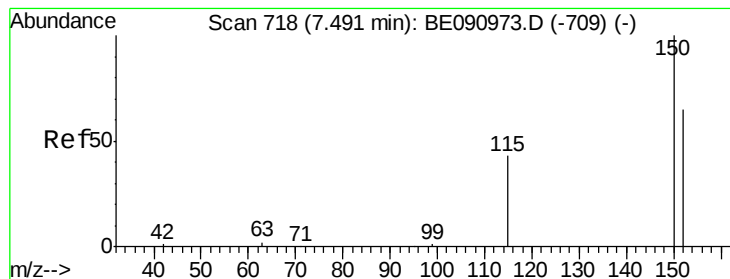
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 14 22:25:05 2016
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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: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

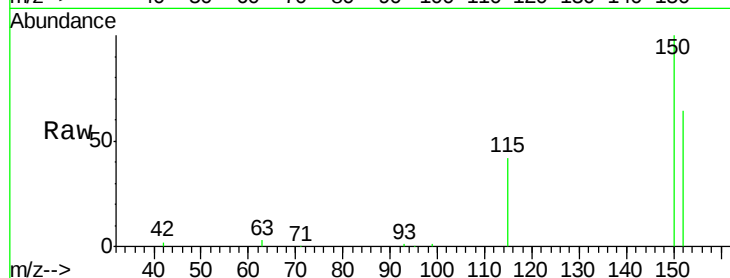
Tgt Ion:152 Resp: 24437

Ion Ratio Lower Upper

152 100

150 156.5 121.6 182.4

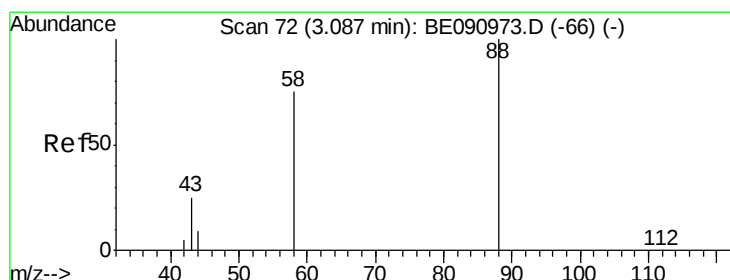
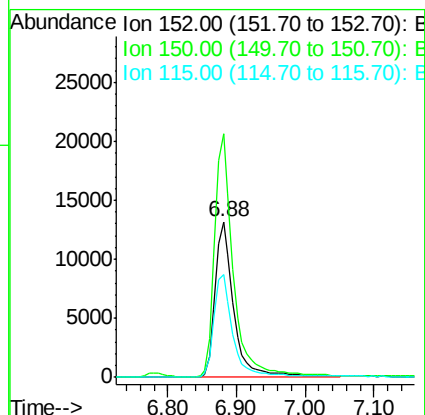
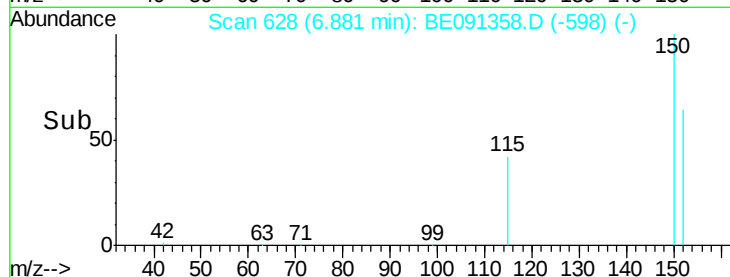
115 66.5 50.6 75.8



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: 0.49 ng

RT: 2.99 min Scan# 57

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

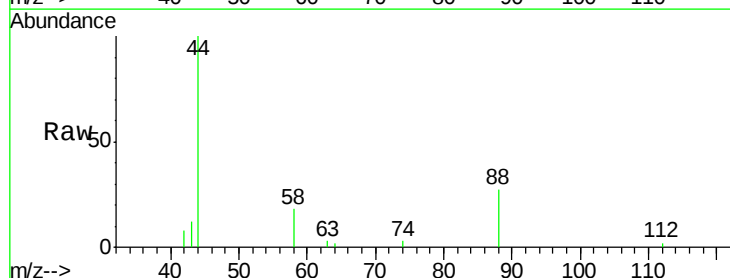
Tgt Ion: 88 Resp: 2046

Ion Ratio Lower Upper

88 100

58 93.3 74.6 111.8

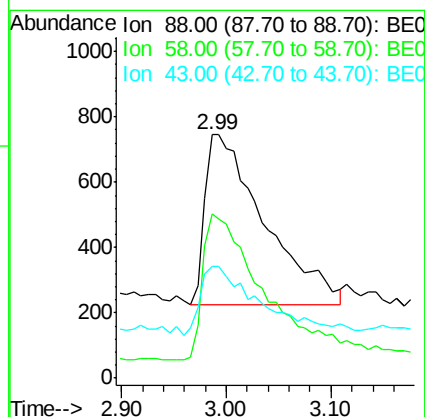
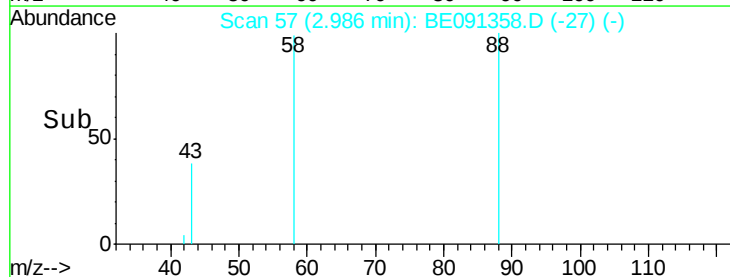
43 42.8 28.7 43.1

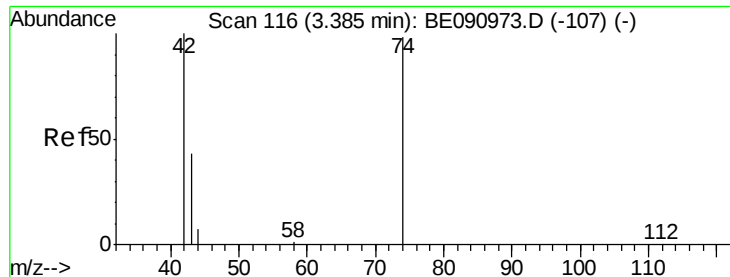


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



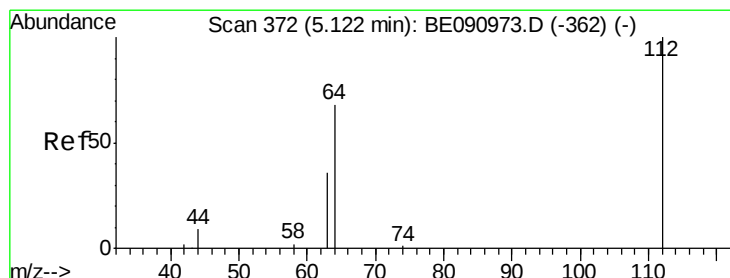
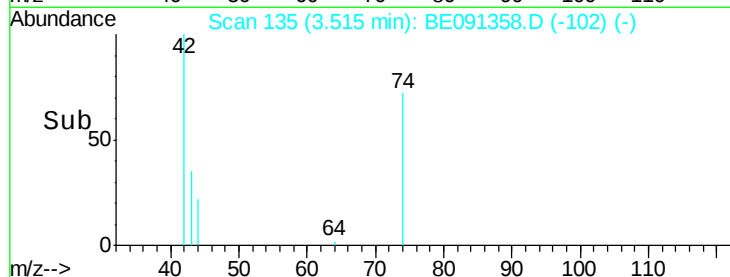
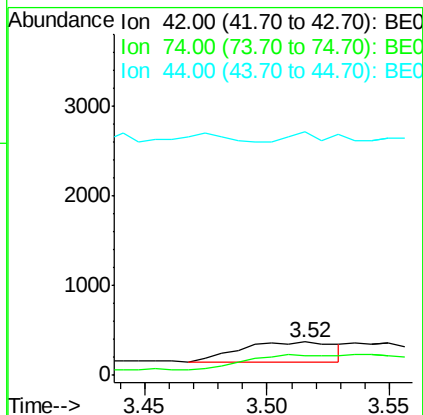
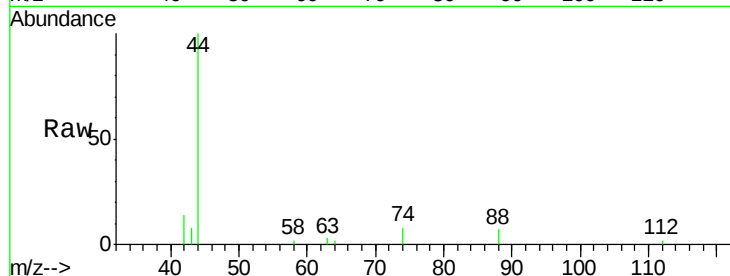


#3

n-Nitrosodimethylamine
 Concen: 0.15 ng
 RT: 3.52 min Scan# 135
 Delta R.T. 0.02 min
 Lab File: BE091358.D
 Acq: 14 Jan 2016 19:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

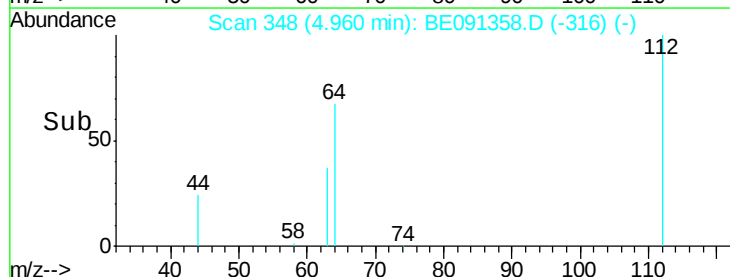
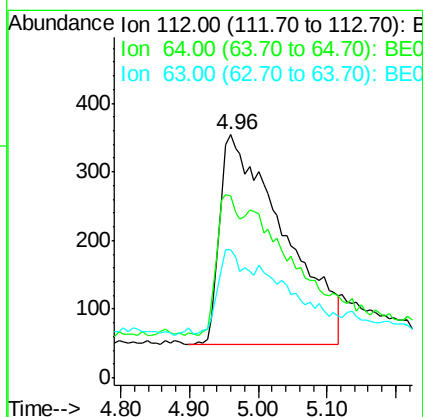
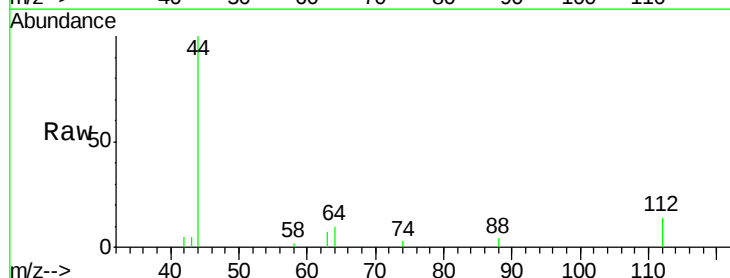
Tgt Ion: 42 Resp: 601
 Ion Ratio Lower Upper
 42 100
 74 0.0 16.0 24.0#
 44 22.3 3.3 4.9#

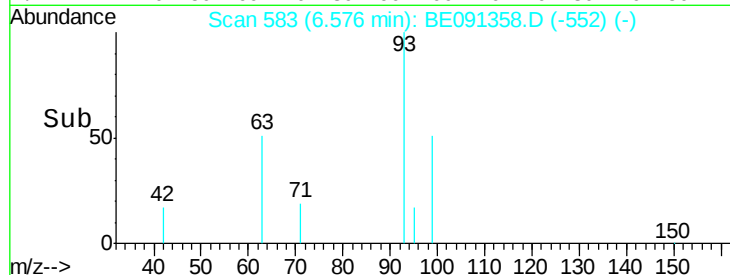
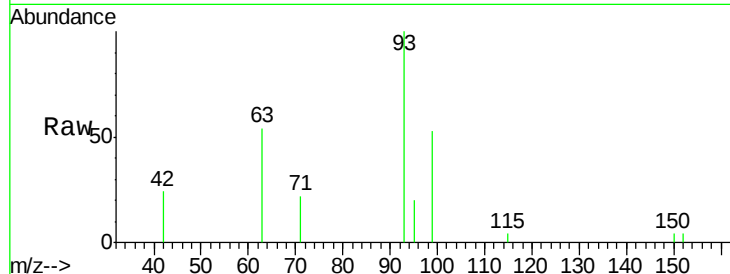
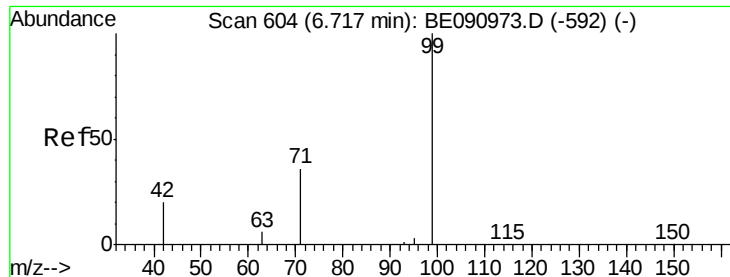


#4

2-Fluorophenol
 Concen: 0.41 ng
 RT: 4.96 min Scan# 348
 Delta R.T. 0.02 min
 Lab File: BE091358.D
 Acq: 14 Jan 2016 19:37

Tgt Ion: 112 Resp: 1975
 Ion Ratio Lower Upper
 112 100
 64 23.4 57.4 86.0#
 63 18.8 32.2 48.2#





#5

Phenol-d6

Concen: 0.57 ng

RT: 6.58 min Scan# 583

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

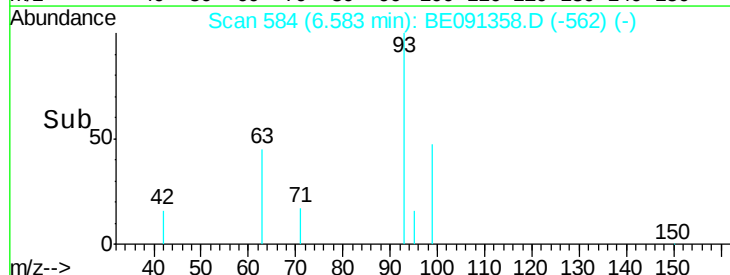
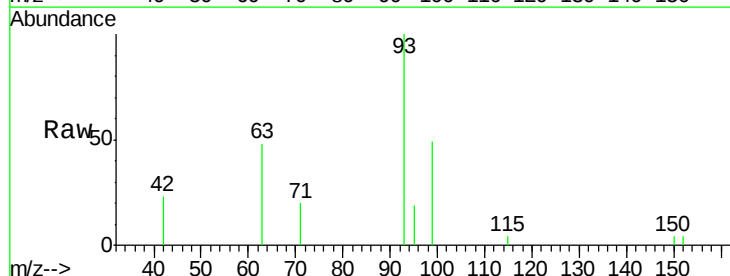
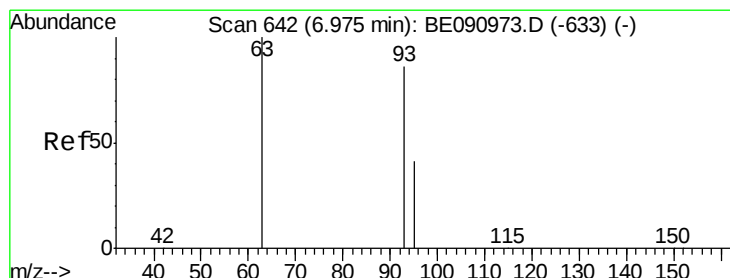
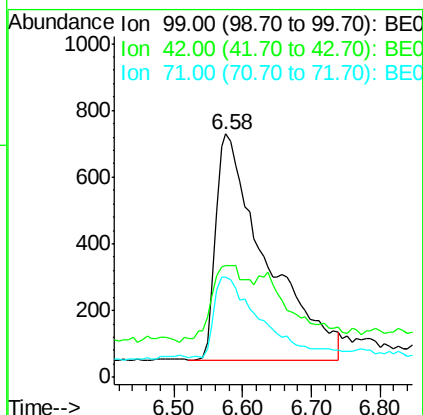
Tgt Ion: 99 Resp: 3441

Ion Ratio Lower Upper

99 100

42 25.5 22.9 34.3

71 31.5 35.4 53.2#



#6

bis(2-Chloroethyl)ether

Concen: 1.22 ng

RT: 6.58 min Scan# 584

Delta R.T. -0.05 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

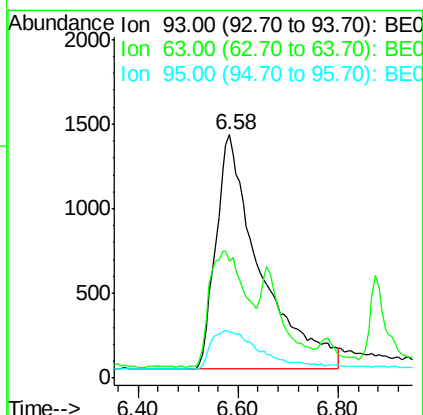
Tgt Ion: 93 Resp: 8444

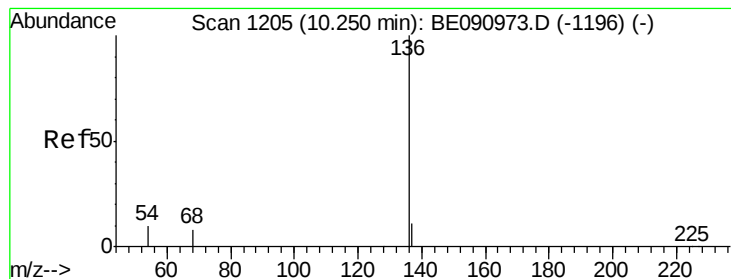
Ion Ratio Lower Upper

93 100

63 40.7 0.0 0.0#

95 18.3 53.9 80.9#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.55 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 108010

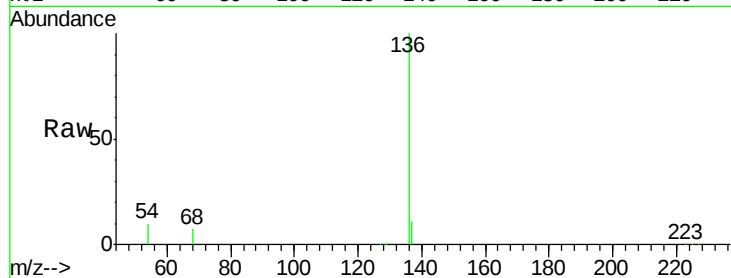
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.4 9.8 14.6

68 7.2 6.6 10.0

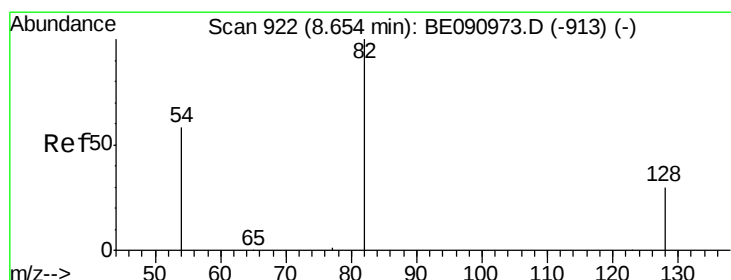
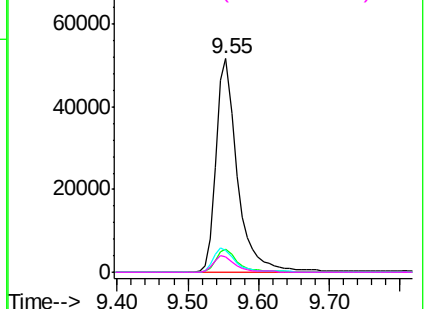
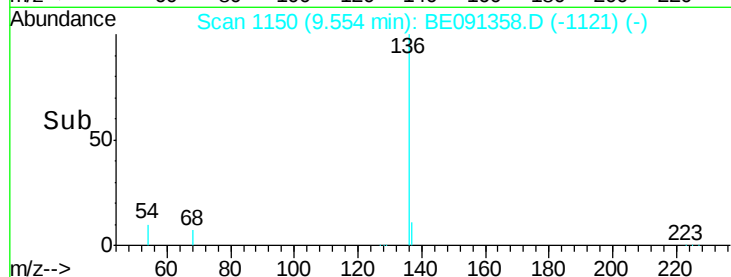


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.77 ng

RT: 8.18 min Scan# 864

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

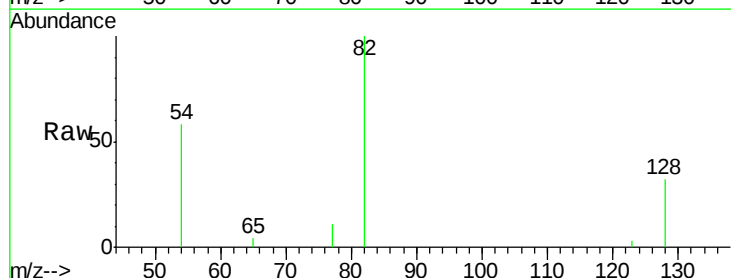
Tgt Ion: 82 Resp: 4556

Ion Ratio Lower Upper

82 100

128 31.8 24.6 36.8

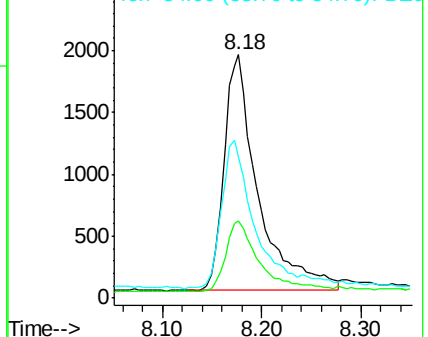
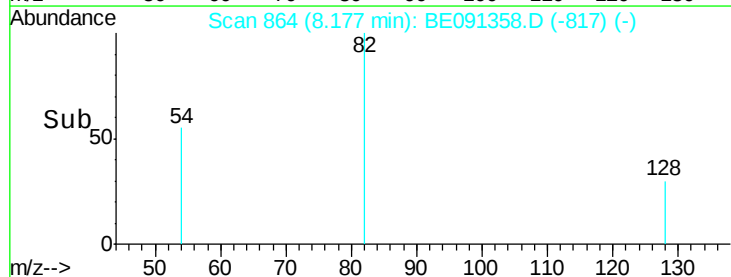
54 58.1 52.7 79.1

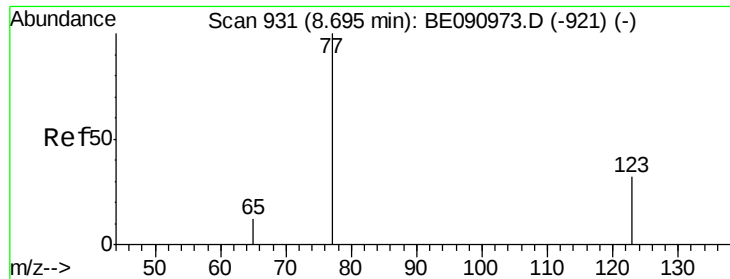


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.80 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

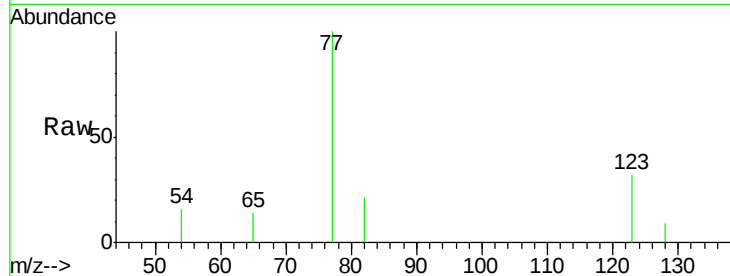
Tgt Ion: 77 Resp: 5141

Ion Ratio Lower Upper

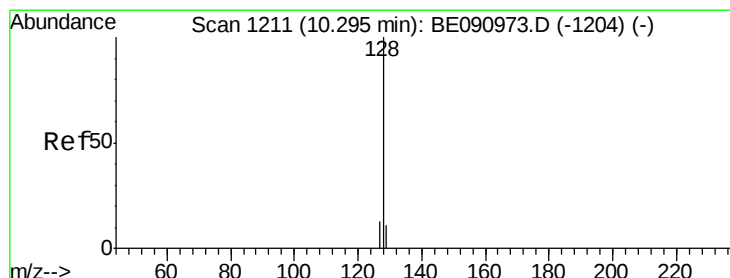
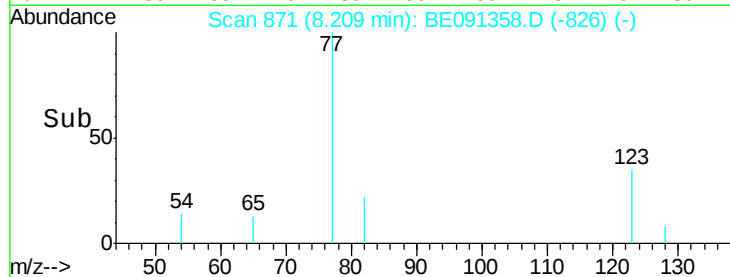
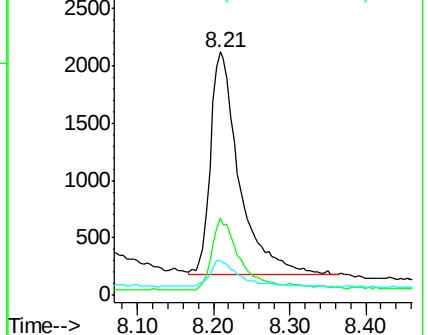
77 100

123 32.1 24.7 37.1

65 11.3 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



#10

Naphthalene

Concen: 0.78 ng

RT: 9.60 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

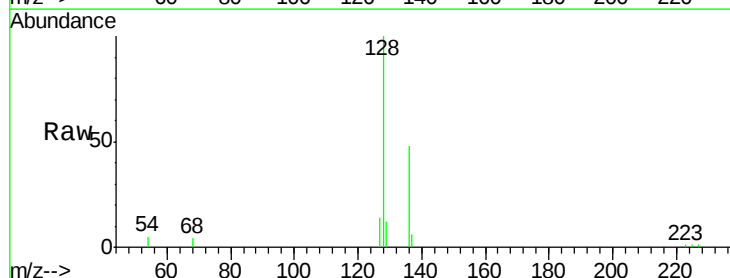
Tgt Ion: 128 Resp: 18333

Ion Ratio Lower Upper

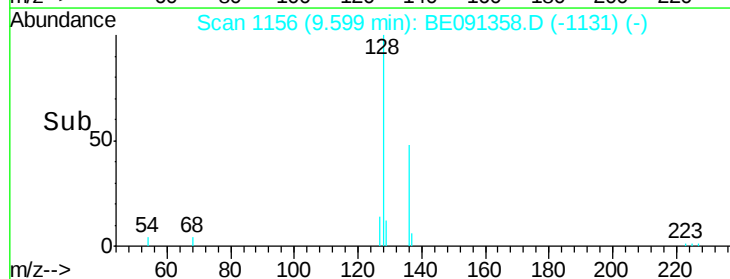
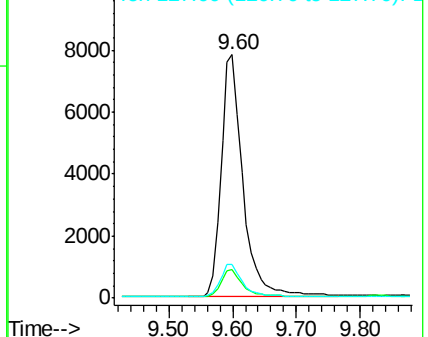
128 100

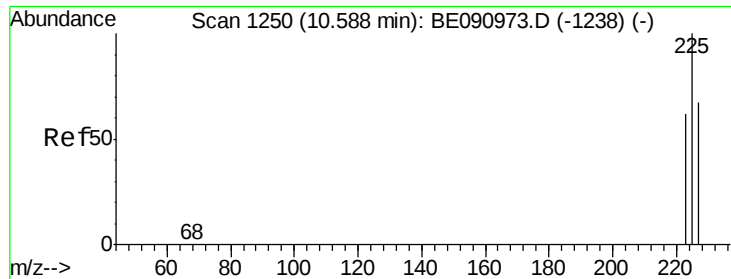
129 11.7 9.3 13.9

127 13.7 10.6 15.8



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

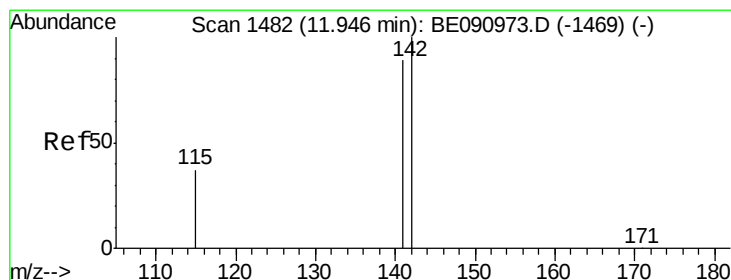
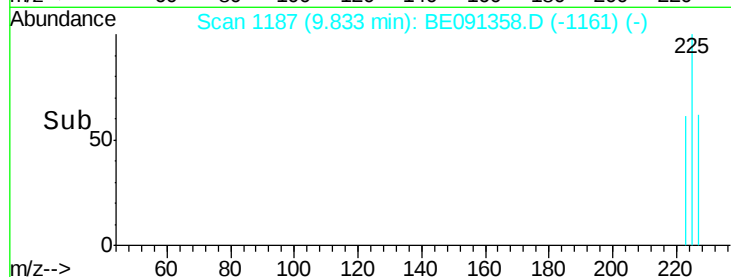
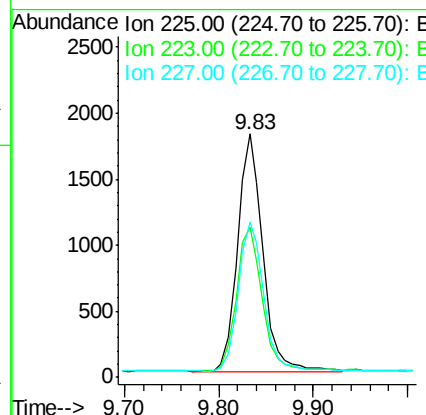
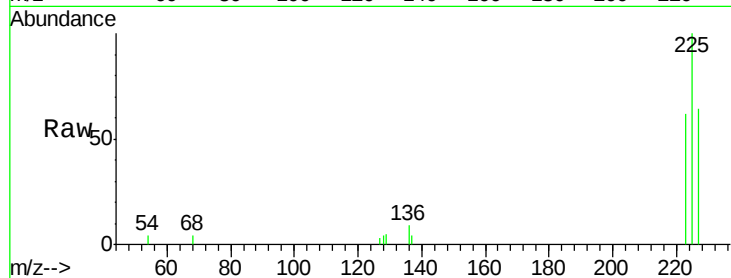




#11
Hexachlorobutadiene
Concen: 0.85 ng
RT: 9.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

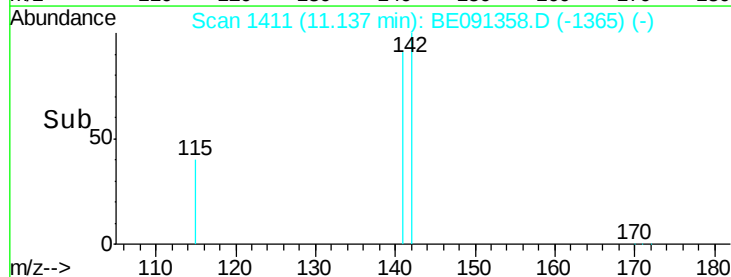
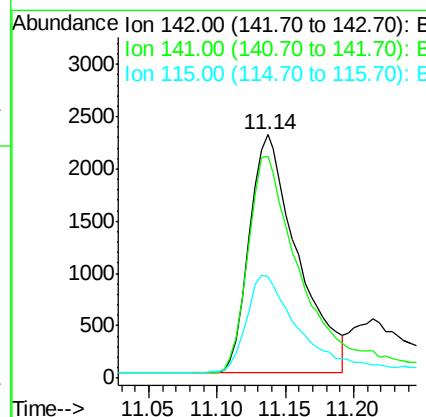
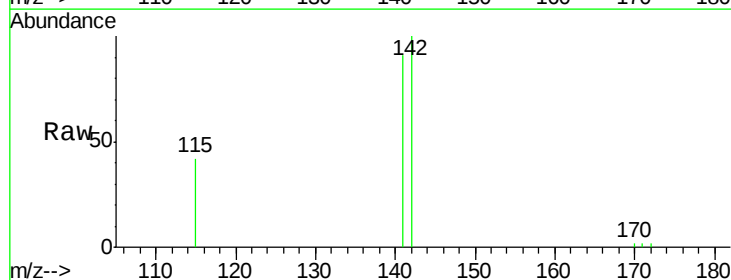
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

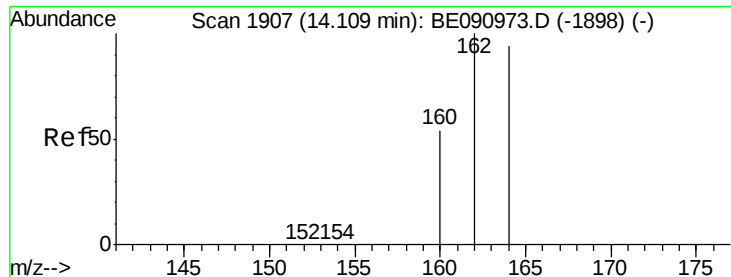
Tgt Ion: 225 Resp: 3325
Ion Ratio Lower Upper
225 100
223 61.7 50.0 75.0
227 64.2 50.7 76.1



#12
2-Methylnaphthalene
Concen: 0.43 ng
RT: 11.14 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

Tgt Ion: 142 Resp: 5603
Ion Ratio Lower Upper
142 100
141 91.2 74.5 111.7
115 41.9 35.2 52.8





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.36 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

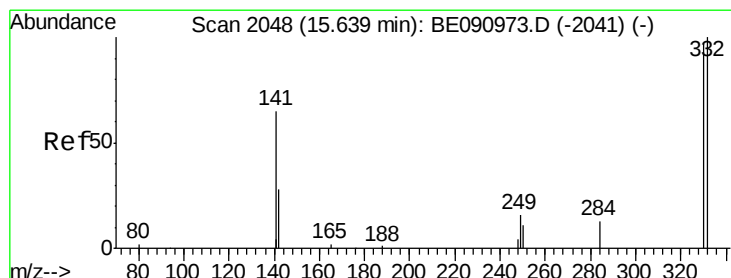
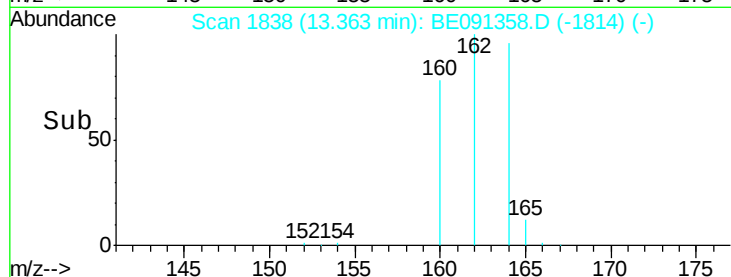
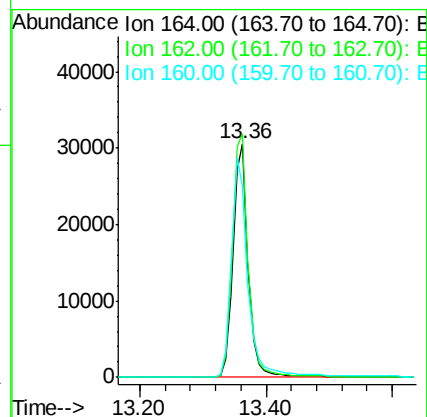
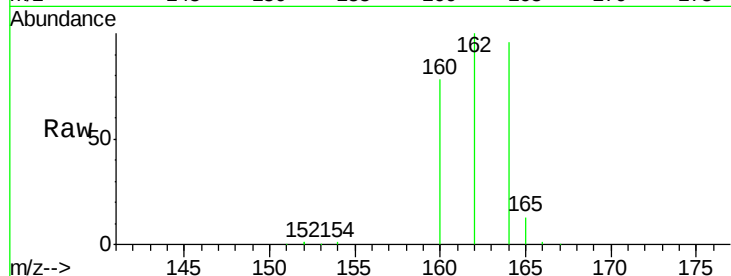
Tgt Ion:164 Resp: 50024

Ion Ratio Lower Upper

164 100

162 104.1 88.5 132.7

160 81.5 76.7 115.1



#14

2,4,6-Tribromophenol

Concen: 0.40 ng

RT: 14.89 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

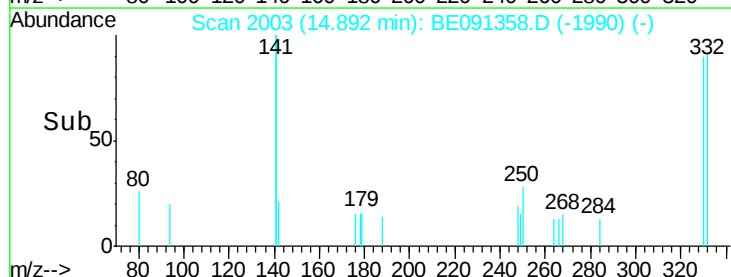
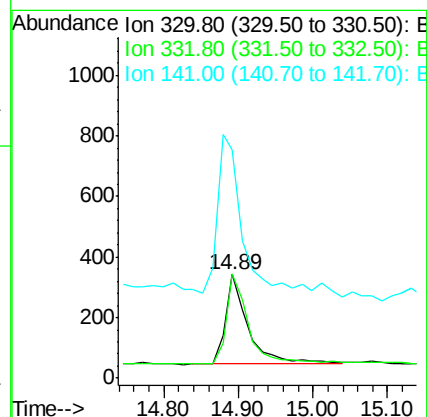
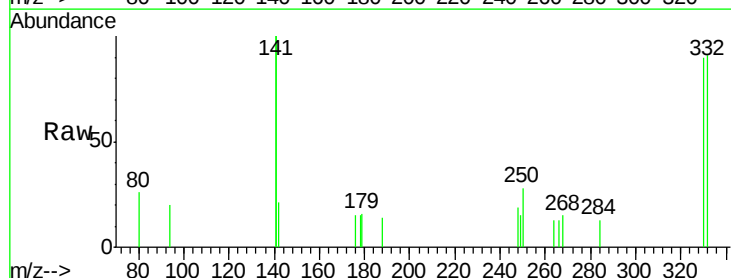
Tgt Ion:330 Resp: 619

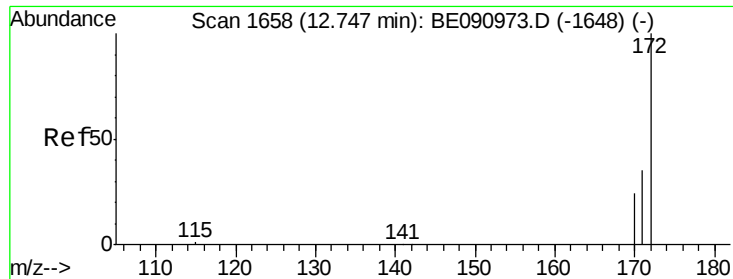
Ion Ratio Lower Upper

330 100

332 98.9 78.6 118.0

141 220.8 147.8 221.8

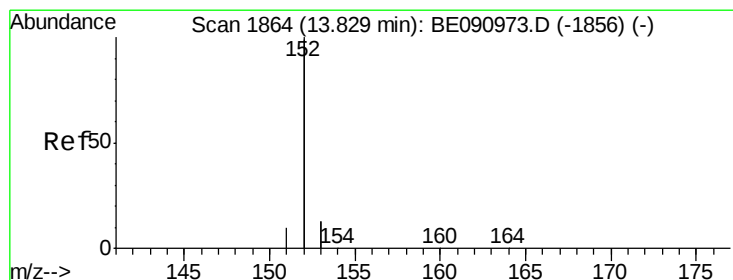
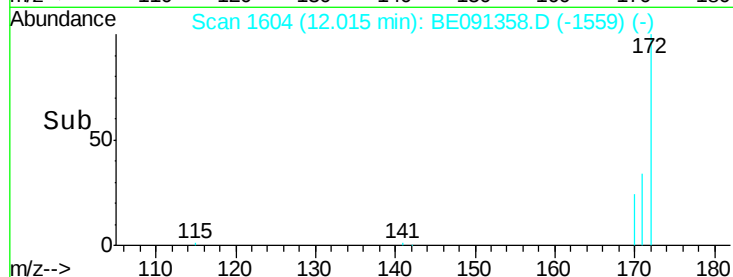
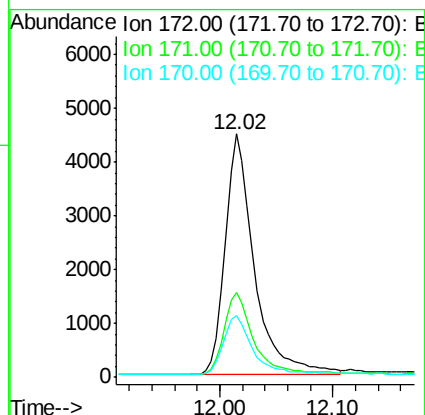
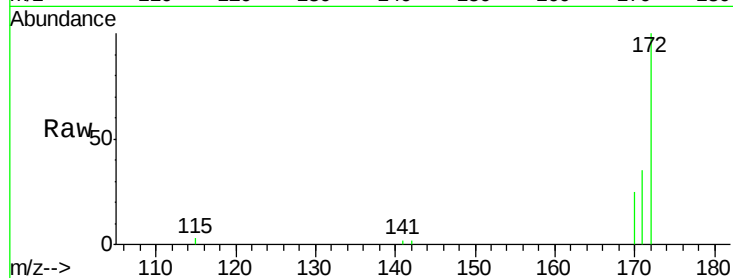




#15
2-Fluorobiphenyl
Concen: 0.61 ng
RT: 12.02 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

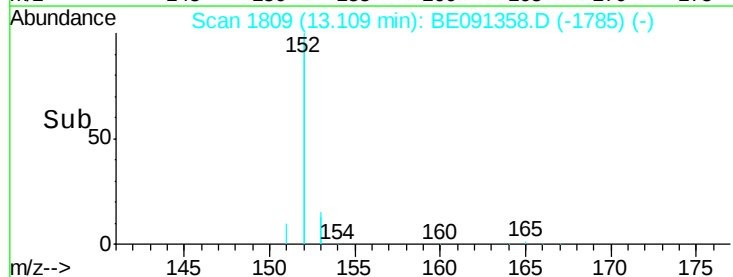
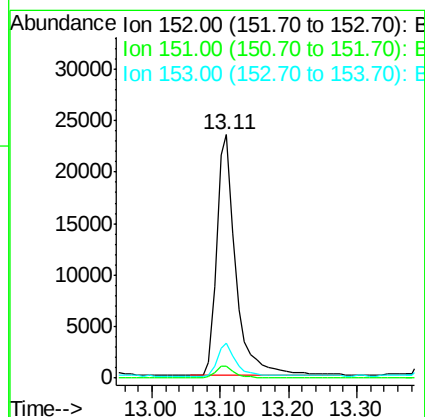
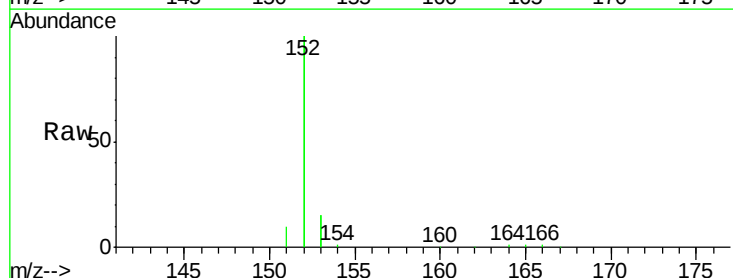
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

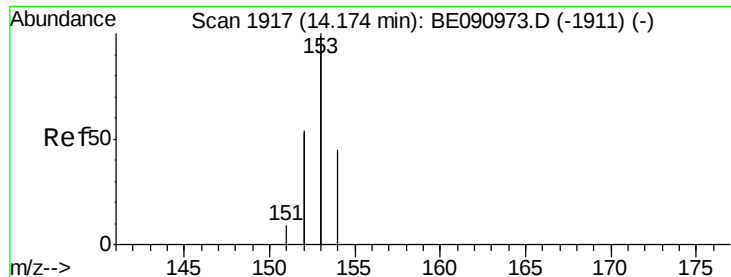
Tgt Ion:172 Resp: 8021
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 25.3 19.8 29.6



#16
Acenaphthylene
Concen: 0.56 ng
RT: 13.11 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

Tgt Ion:152 Resp: 45618
Ion Ratio Lower Upper
152 100
151 4.9 3.8 5.8
153 13.1 10.1 15.1

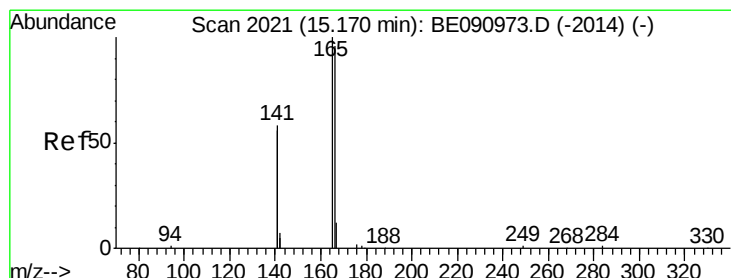
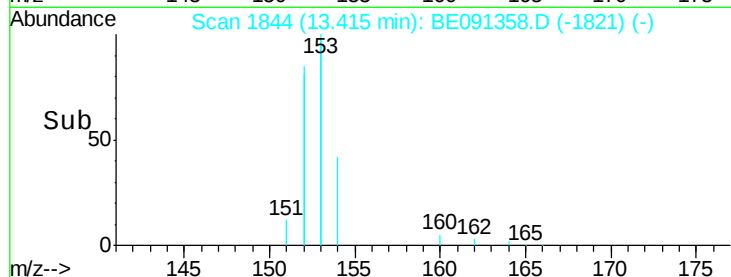
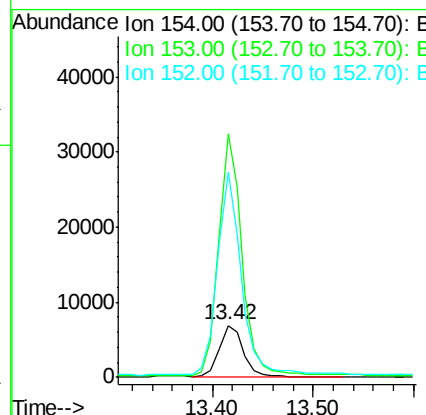
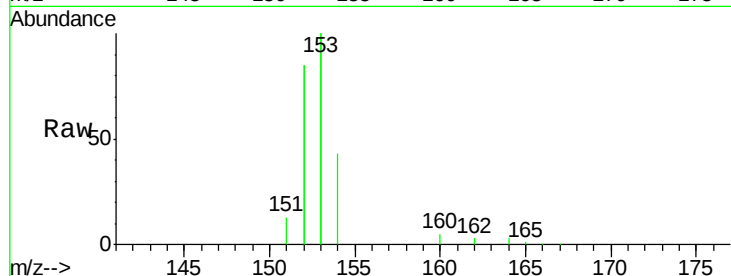




#17
Acenaphthene
Concen: 0.84 ng
RT: 13.42 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

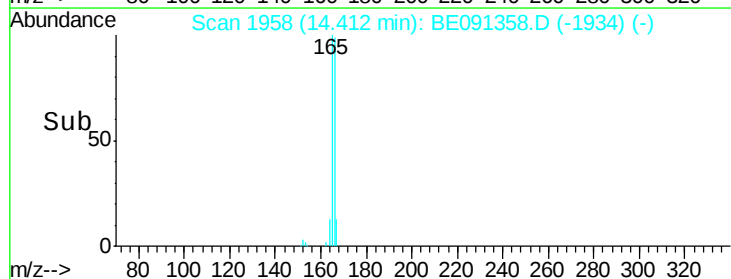
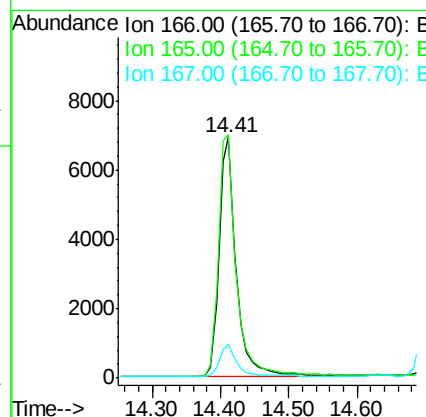
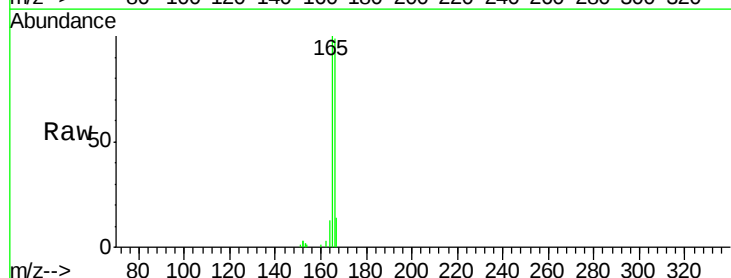
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

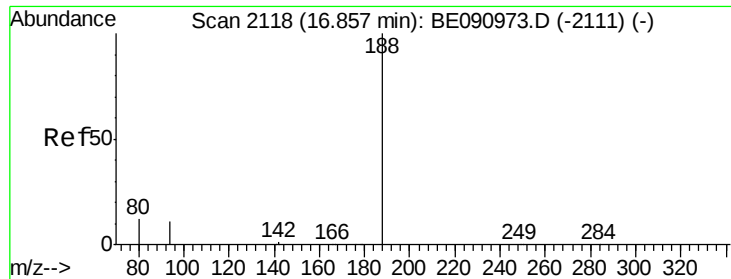
Tgt Ion:154 Resp: 11392
Ion Ratio Lower Upper
154 100
153 462.9 370.2 555.4
152 402.1 310.5 465.7



#18
Fluorene
Concen: 0.72 ng
RT: 14.41 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BE091358.D
Acq: 14 Jan 2016 19:37

Tgt Ion:166 Resp: 11913
Ion Ratio Lower Upper
166 100
165 105.8 83.0 124.6
167 13.5 11.1 16.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.08 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

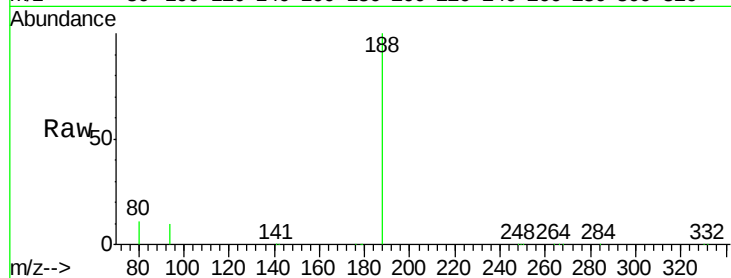
Tgt Ion:188 Resp: 155670

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

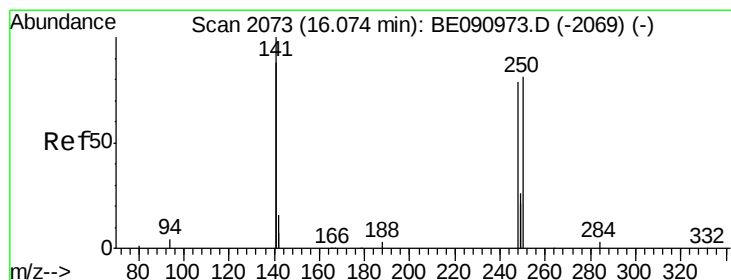
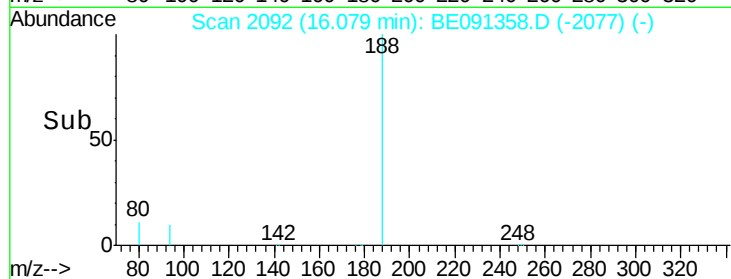
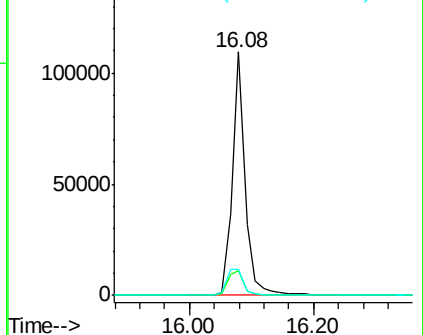
80 10.7 8.2 12.2



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: 0.45 ng

RT: 15.25 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

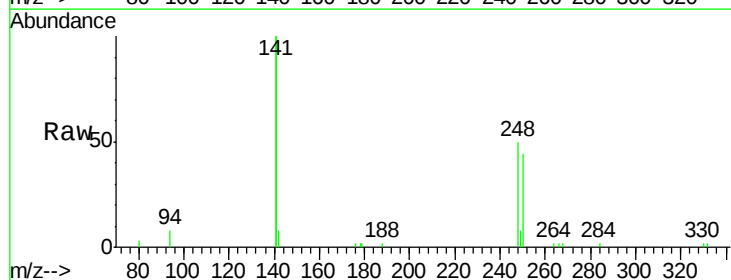
Tgt Ion:248 Resp: 2505

Ion Ratio Lower Upper

248 100

250 96.6 76.2 114.2

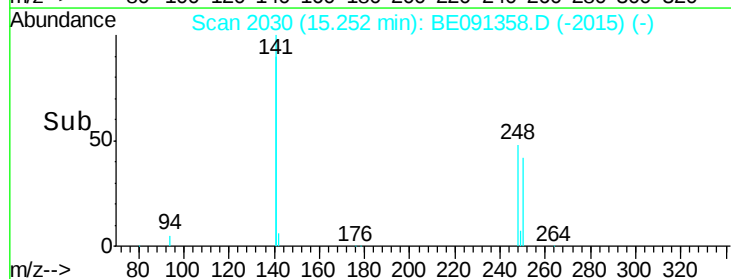
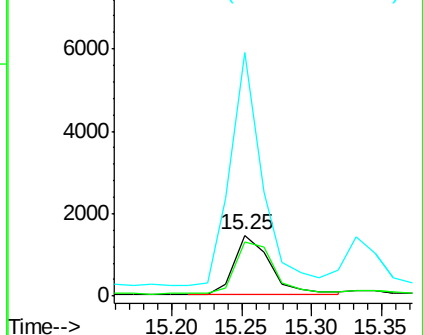
141 353.6 282.4 423.6

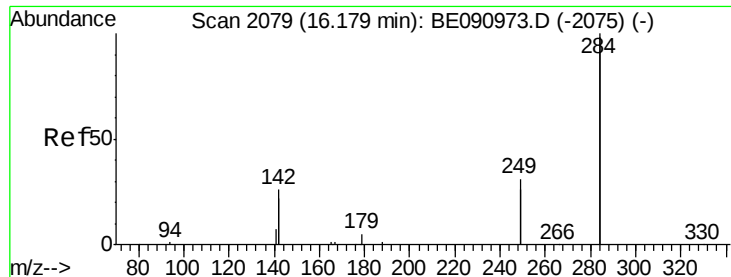


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.20 ng

RT: 15.35 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

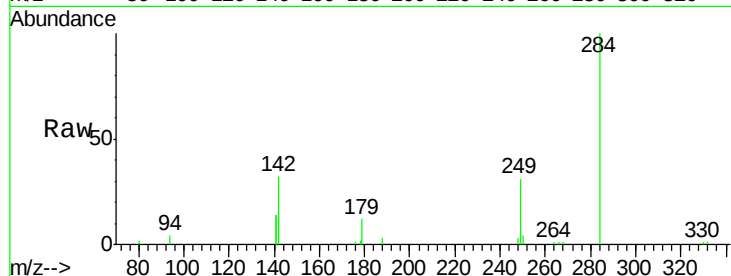
Tgt Ion:284 Resp: 5444

Ion Ratio Lower Upper

284 100

142 42.4 35.4 53.0

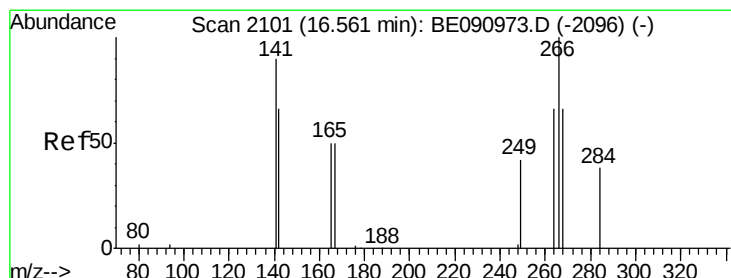
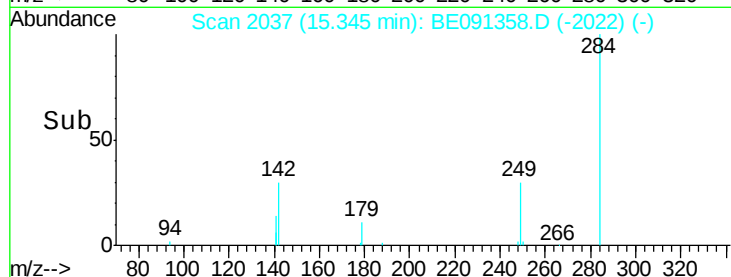
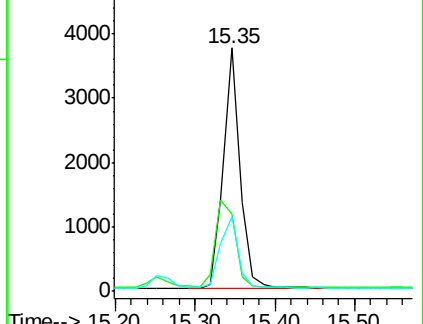
249 32.1 25.0 37.4



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: 0.15 ng

RT: 15.87 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

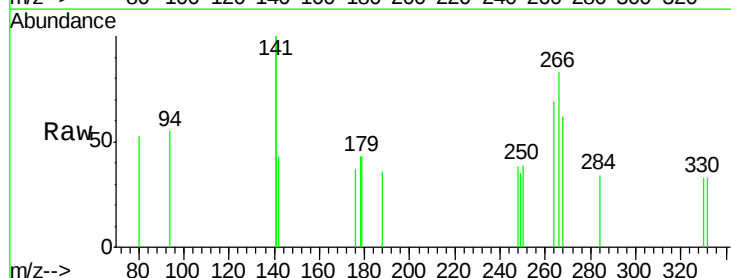
Tgt Ion:266 Resp: 316

Ion Ratio Lower Upper

266 100

268 74.4 61.2 91.8

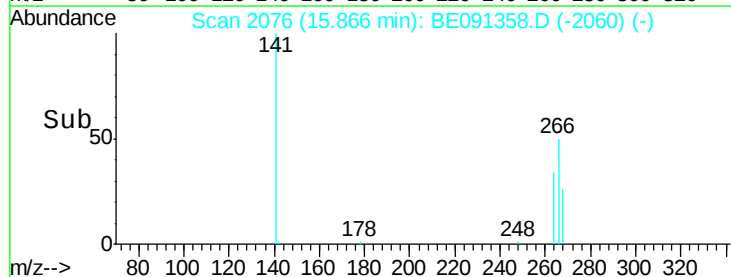
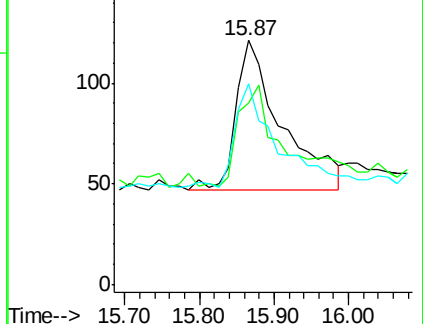
264 82.6 61.8 92.6

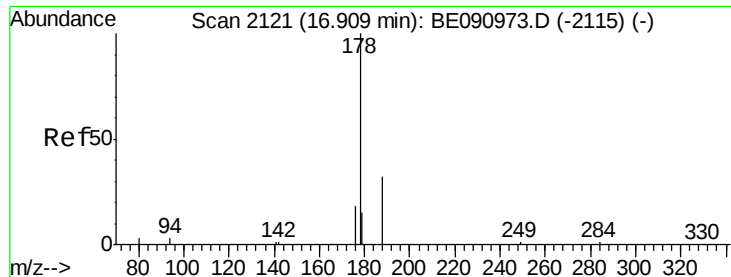


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.77 ng

RT: 16.12 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

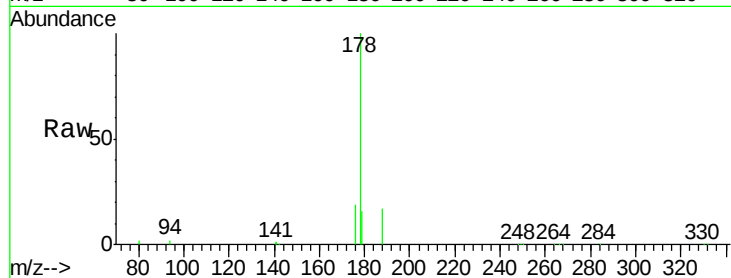
Tgt Ion:178 Resp: 30737

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

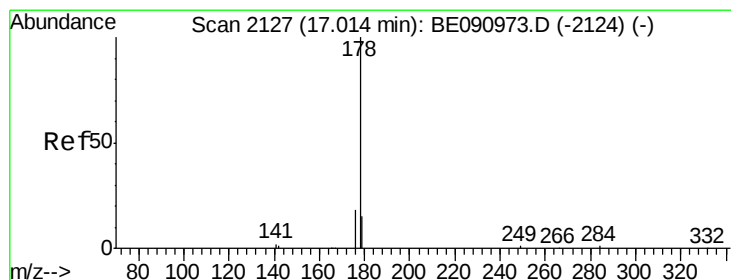
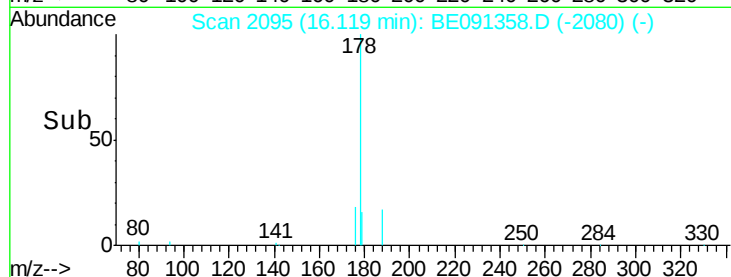
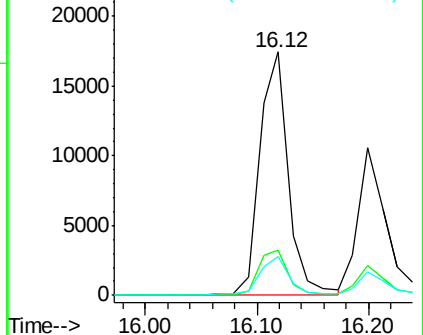
179 16.1 12.8 19.2



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: 0.54 ng

RT: 16.20 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

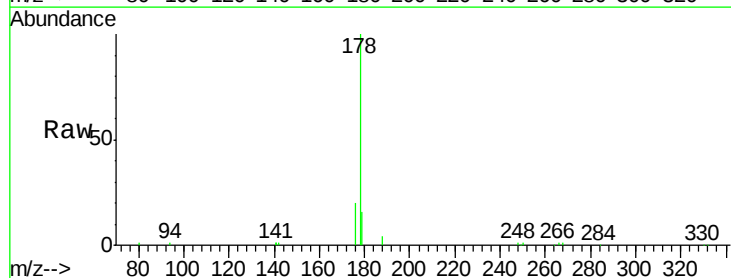
Tgt Ion:178 Resp: 18567

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.6

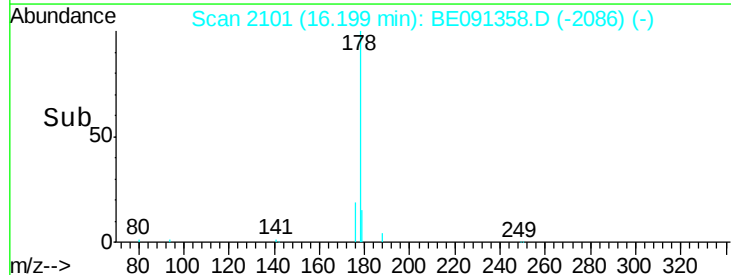
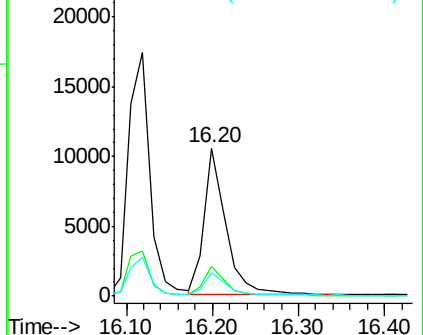
179 15.6 12.4 18.6

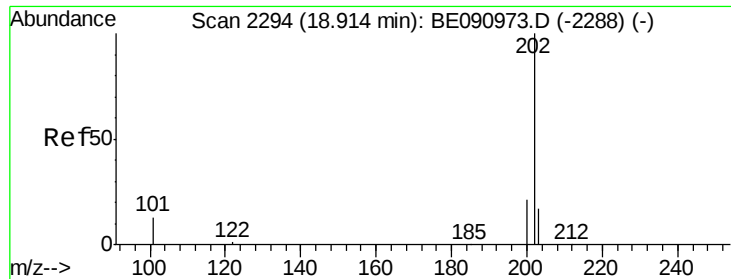


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.38 ng

RT: 18.10 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

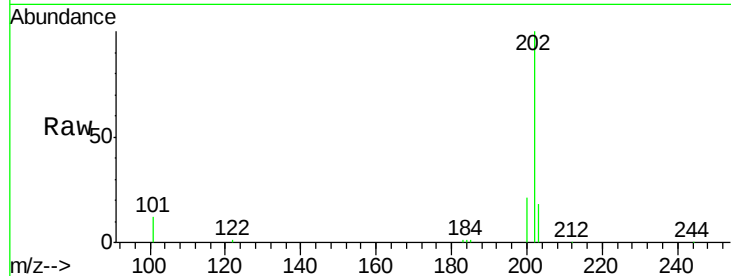
Tgt Ion:202 Resp: 17456

Ion Ratio Lower Upper

202 100

101 13.7 11.0 16.4

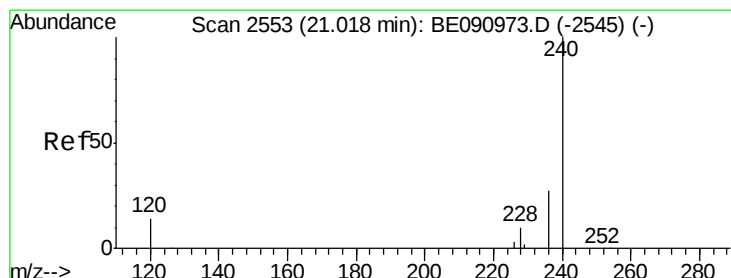
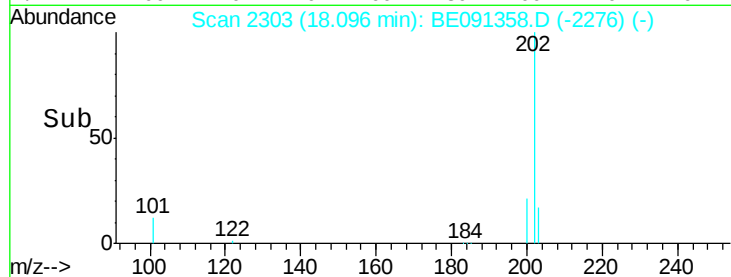
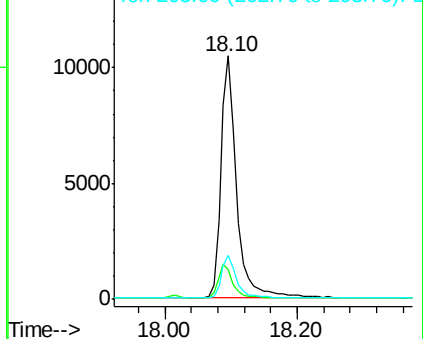
203 17.3 13.9 20.9



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# 2559

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

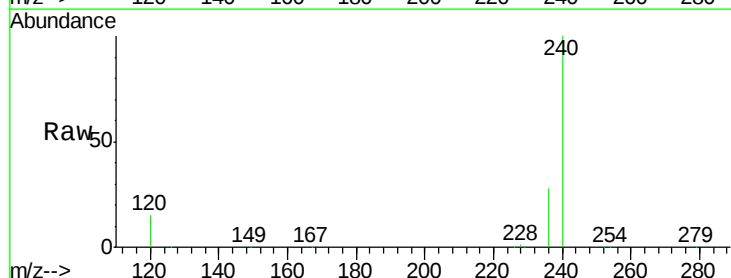
Tgt Ion:240 Resp: 158269

Ion Ratio Lower Upper

240 100

120 14.5 12.6 19.0

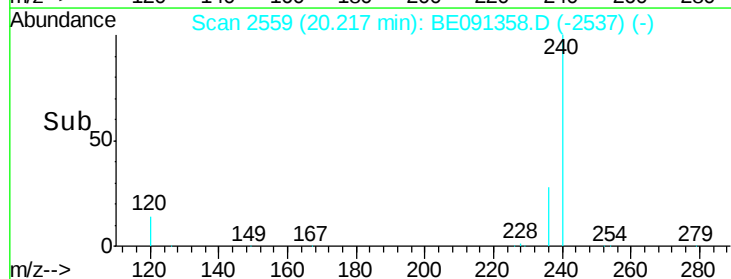
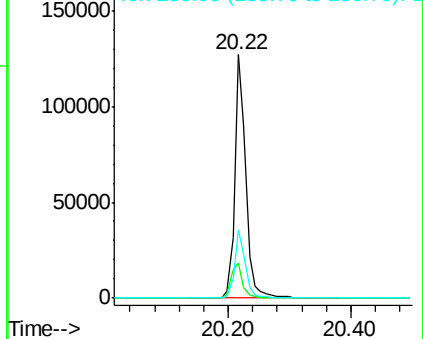
236 28.1 22.7 34.1

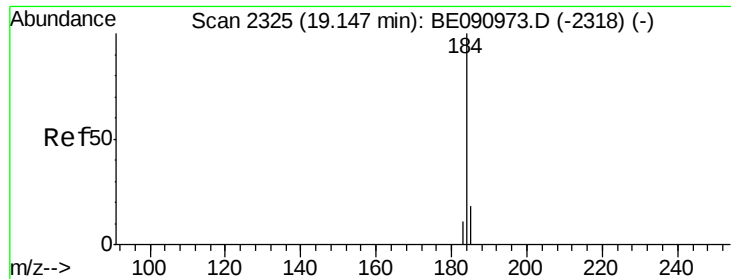


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.28 ng

RT: 18.52 min Scan# 2359

Delta R.T. 0.02 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

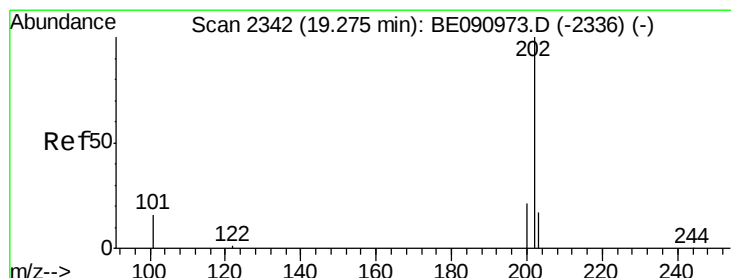
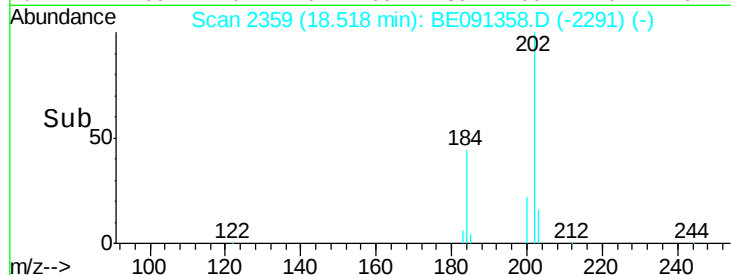
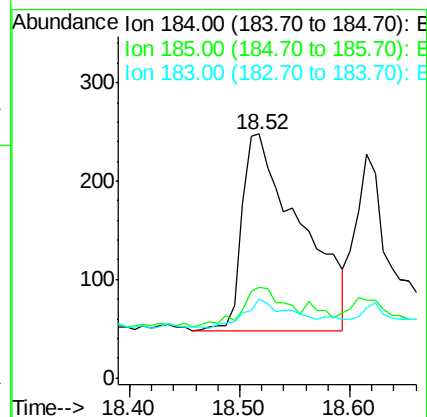
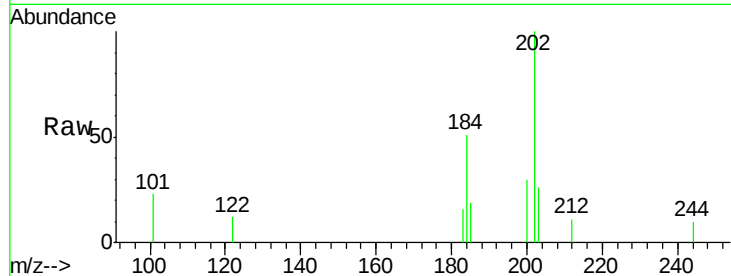
Tgt Ion:184 Resp: 737

Ion Ratio Lower Upper

184 100

185 37.1 22.0 33.0#

183 32.3 17.8 26.6#



#28

Pyrene

Concen: 0.37 ng

RT: 18.48 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

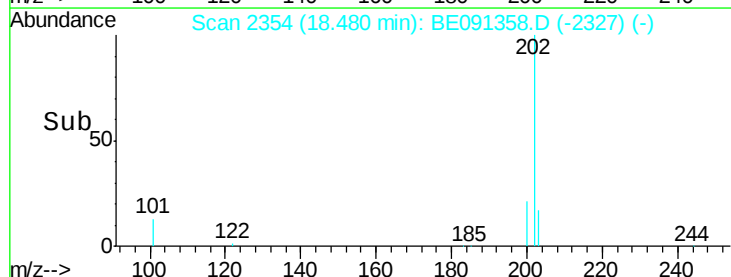
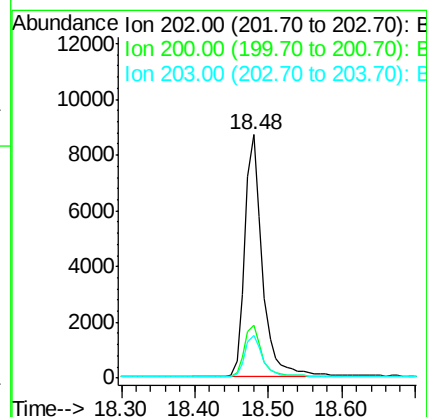
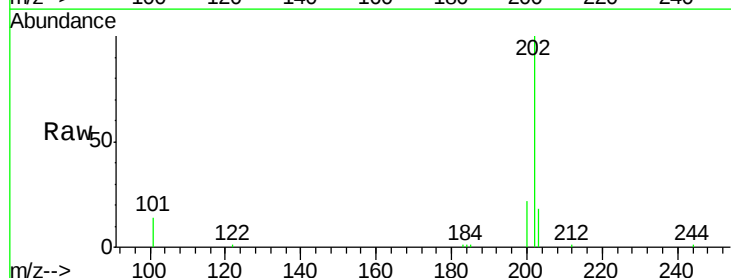
Tgt Ion:202 Resp: 14336

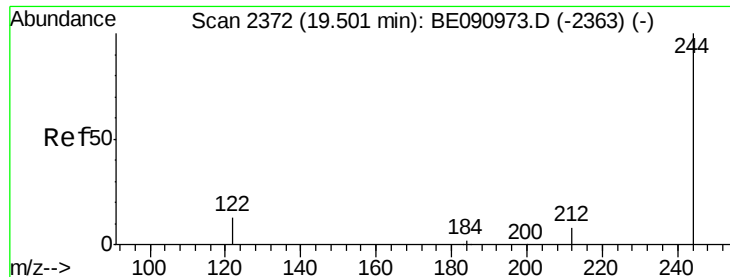
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.7 14.2 21.4





#29

Terphenyl-d14

Concen: 0.50 ng

RT: 18.62 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

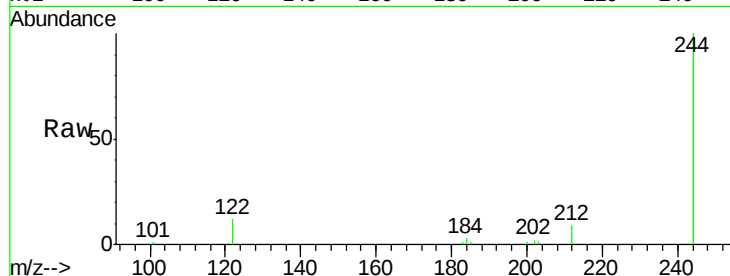
Tgt Ion:244 Resp: 9651

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

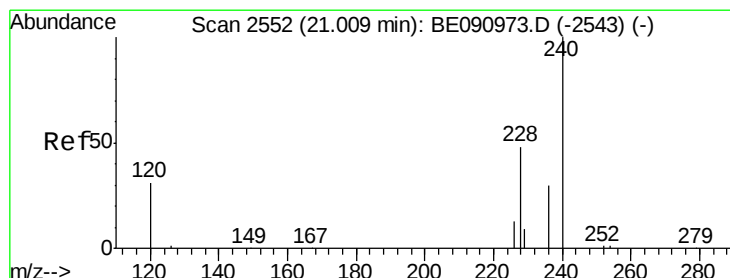
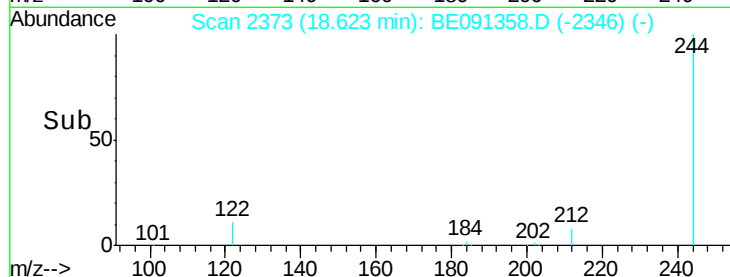
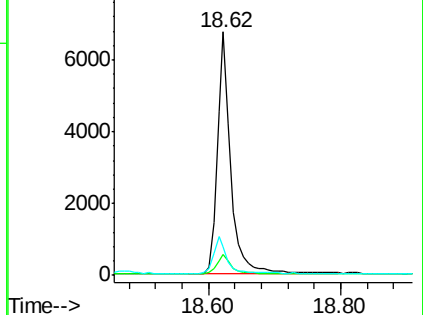
122 11.5 8.5 12.7



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: 0.35 ng

RT: 20.19 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

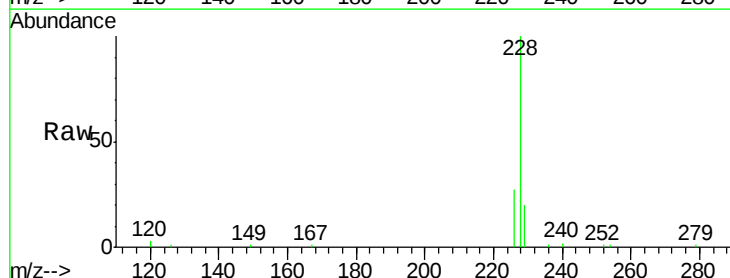
Tgt Ion:228 Resp: 12410

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

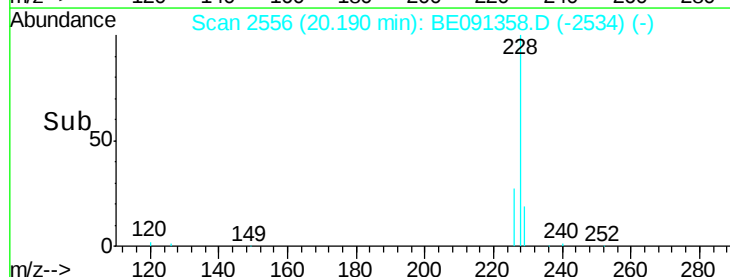
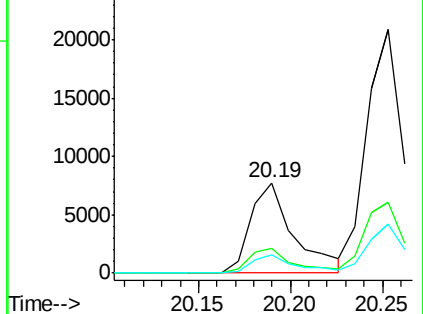
229 19.9 16.2 24.4

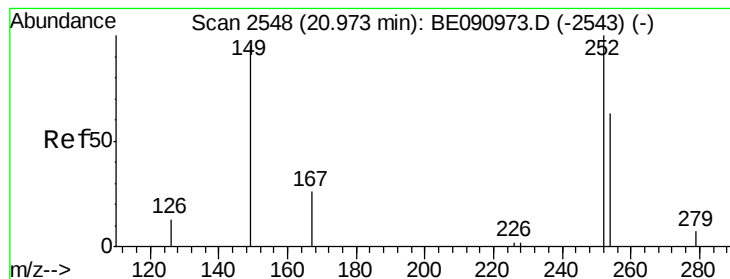


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.29 ng

RT: 20.25 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

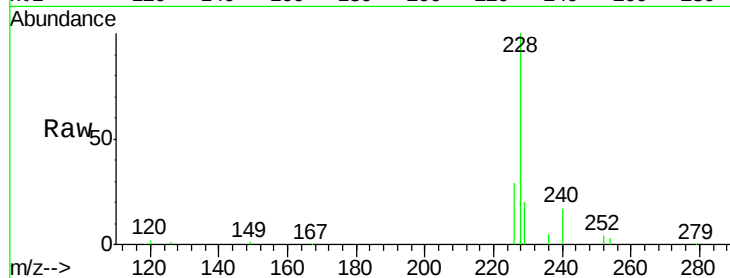
Tgt Ion:252 Resp: 1786

Ion Ratio Lower Upper

252 100

254 71.5 52.6 79.0

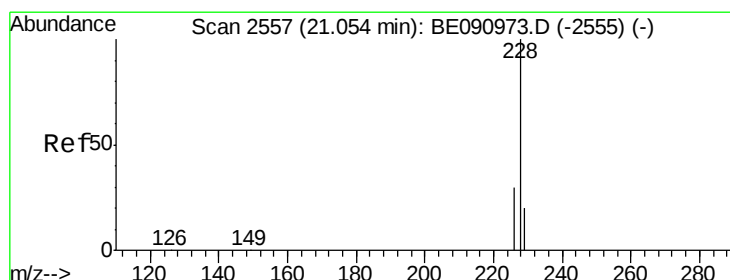
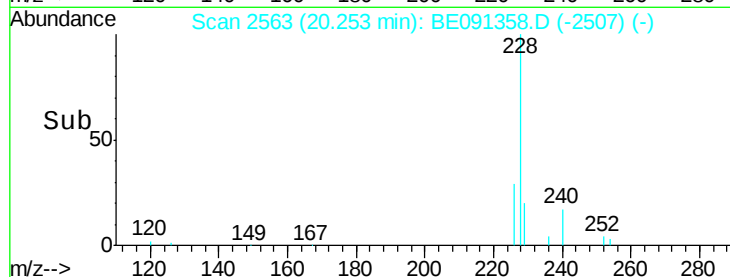
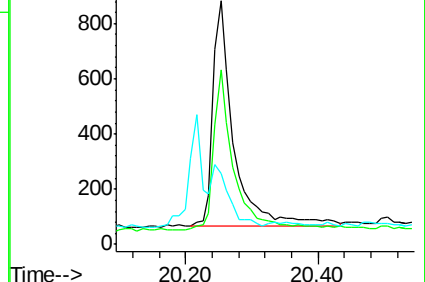
126 28.9 21.4 32.0



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: 0.63 ng

RT: 20.25 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

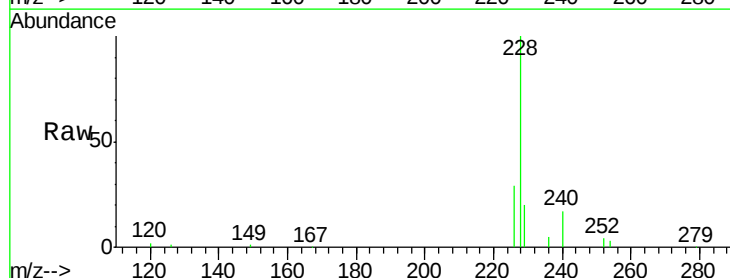
Tgt Ion:228 Resp: 29831

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

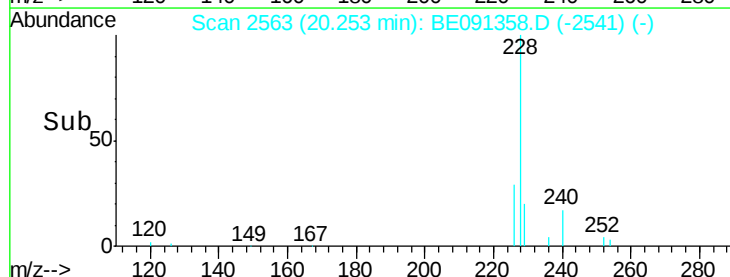
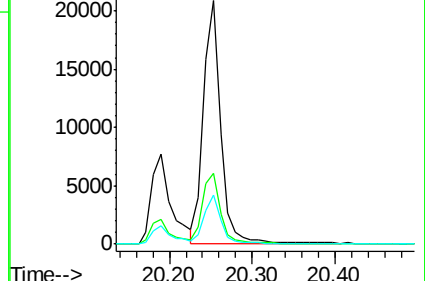
229 20.4 16.0 24.0

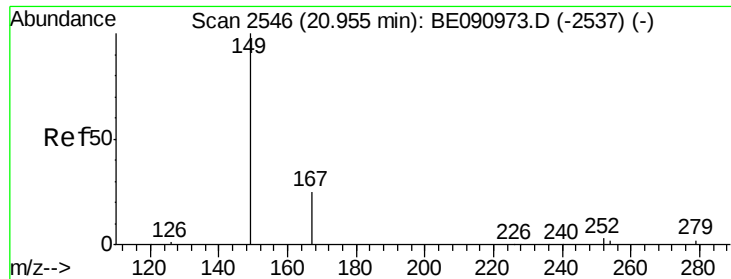


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 19.89 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

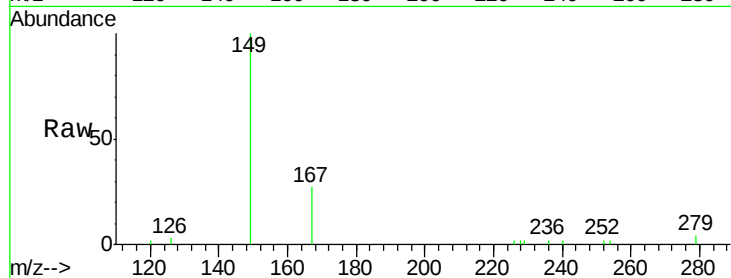
Tgt Ion:149 Resp: 3760

Ion Ratio Lower Upper

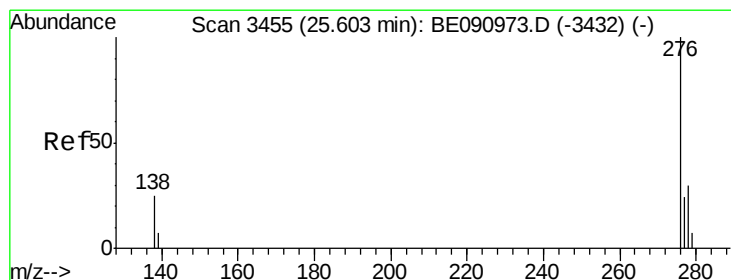
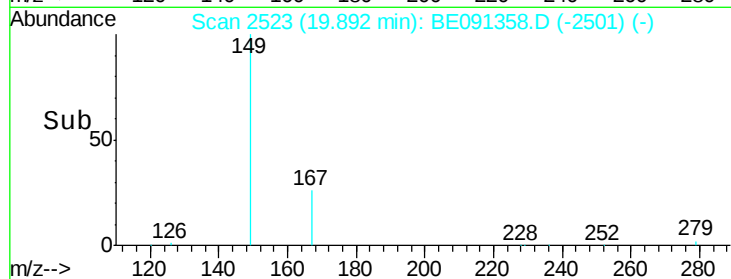
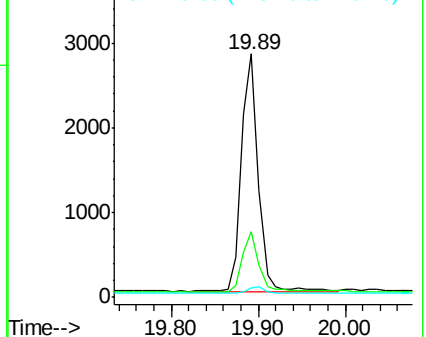
149 100

167 27.4 21.6 32.4

279 2.7 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: 0.34 ng

RT: 23.70 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

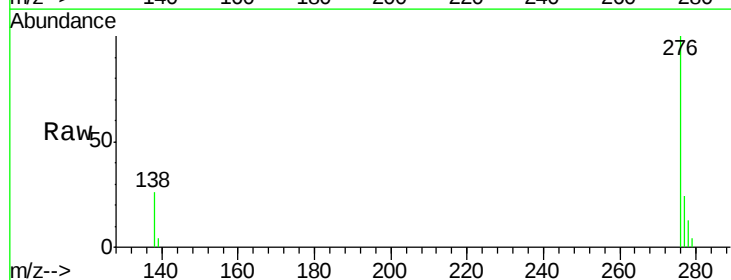
Tgt Ion:276 Resp: 12337

Ion Ratio Lower Upper

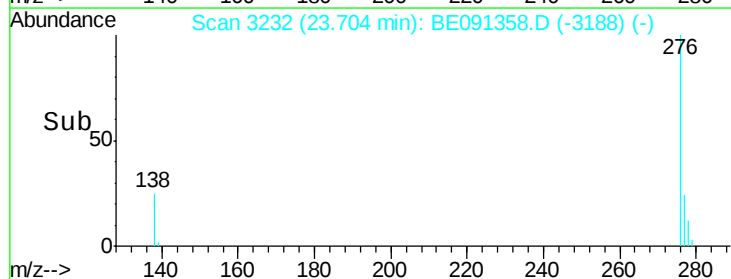
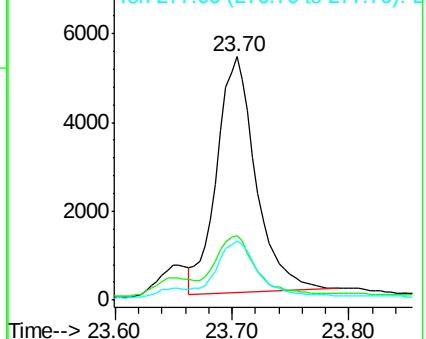
276 100

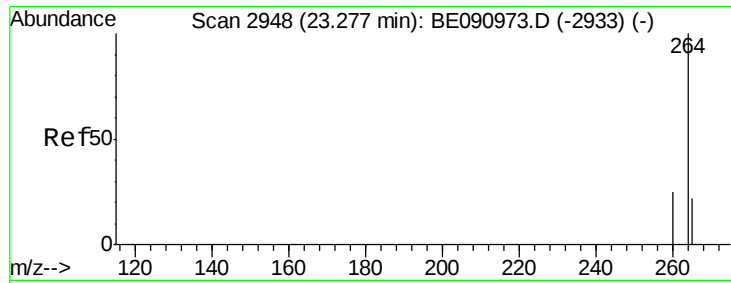
138 25.2 22.5 33.7

277 24.2 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

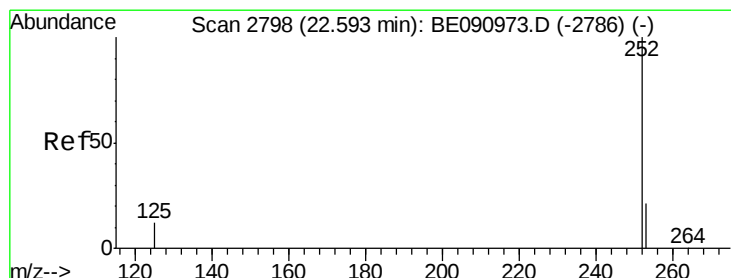
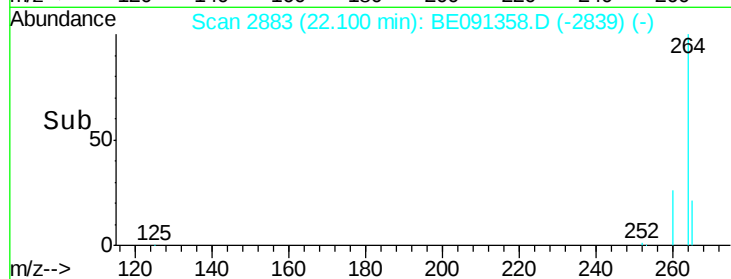
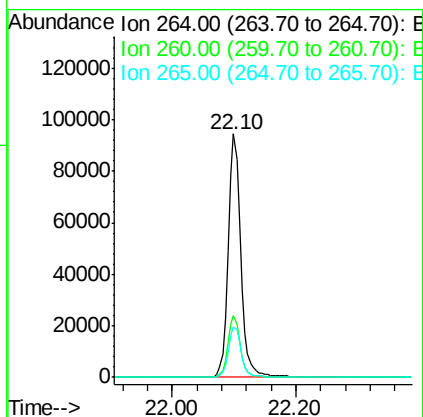
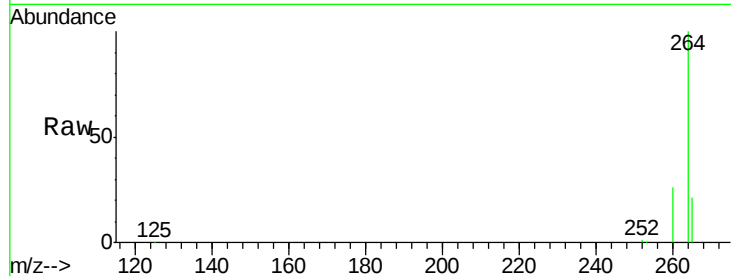




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.10 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BE091358.D
 Acq: 14 Jan 2016 19:37

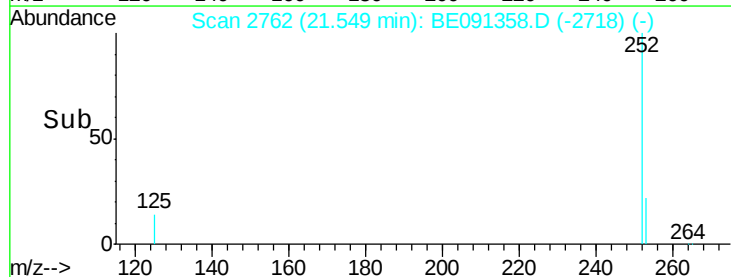
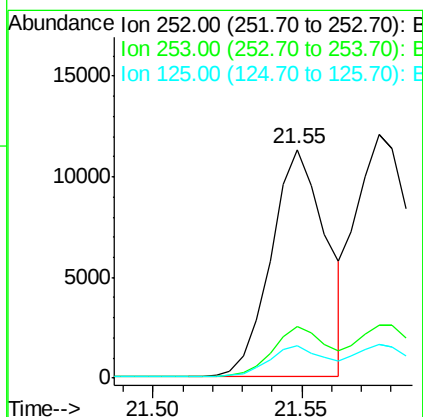
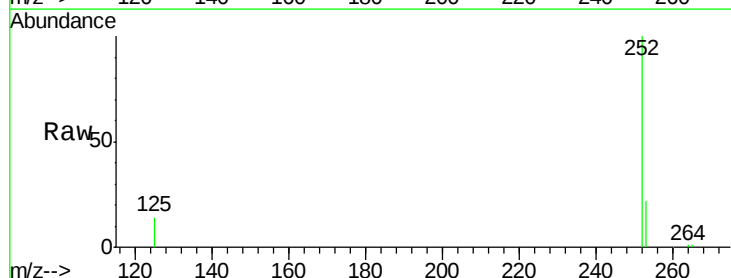
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

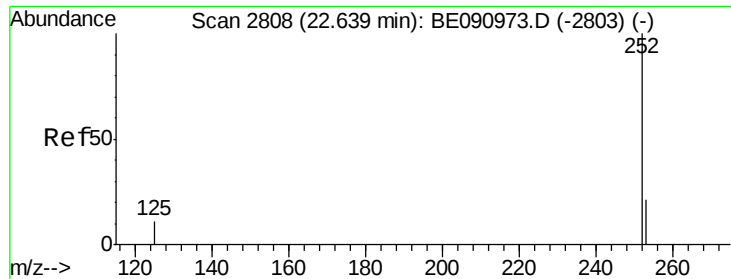
Tgt Ion: 264 Resp: 132742
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.4 30.6
 265 20.9 17.2 25.8



#36
 Benzo(b)fluoranthene
 Concen: 0.51 ng
 RT: 21.55 min Scan# 2762
 Delta R.T. 0.00 min
 Lab File: BE091358.D
 Acq: 14 Jan 2016 19:37

Tgt Ion: 252 Resp: 14464
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 14.1 11.0 16.6





#37

Benzo(k)fluoranthene

Concen: 0.45 ng

RT: 21.58 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

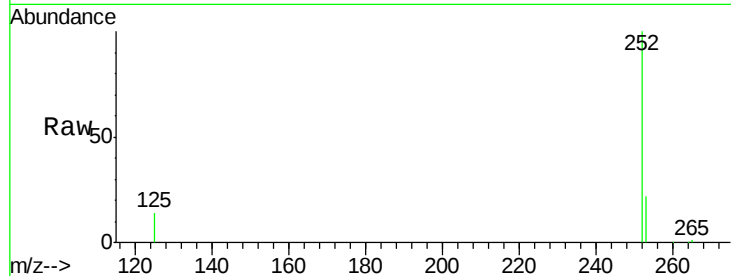
Tgt Ion:252 Resp: 17509

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

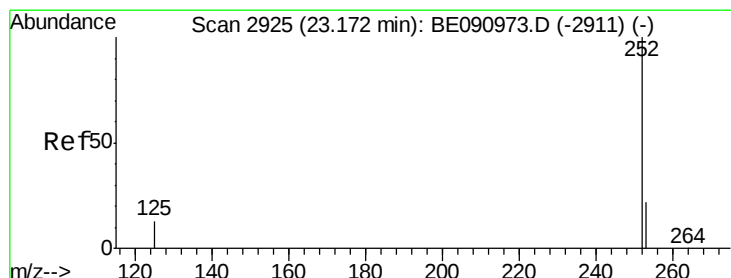
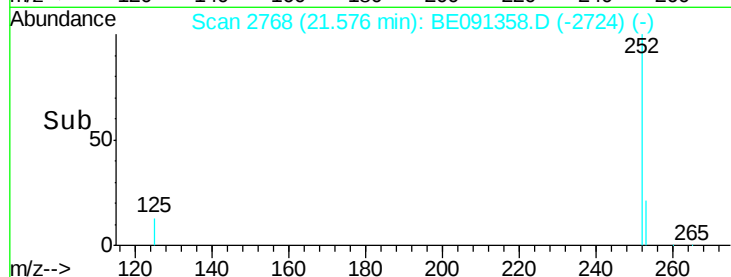
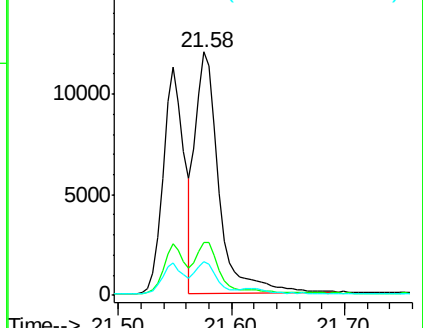
125 14.0 11.3 16.9



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: 0.60 ng

RT: 22.00 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

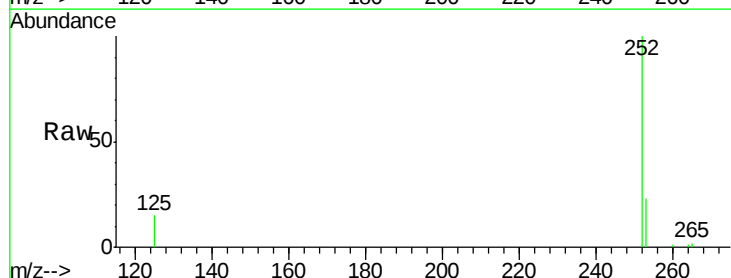
Tgt Ion:252 Resp: 16132

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

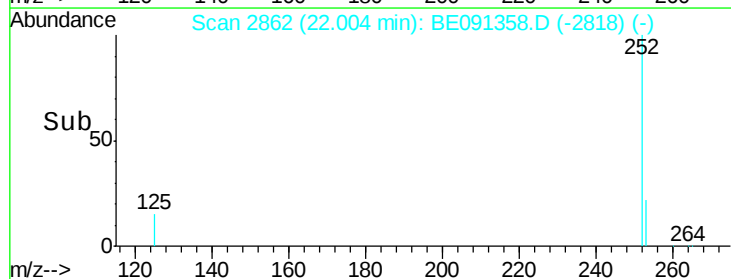
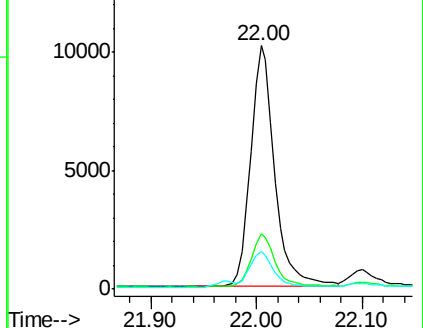
125 15.3 12.2 18.4

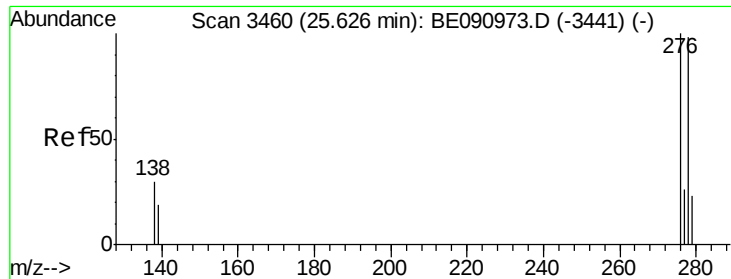


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 23.65 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

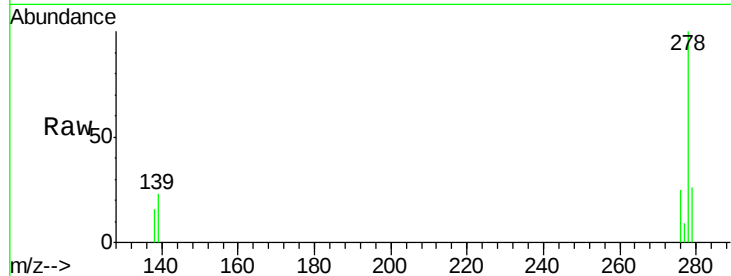
Tgt Ion:278 Resp: 9528

Ion Ratio Lower Upper

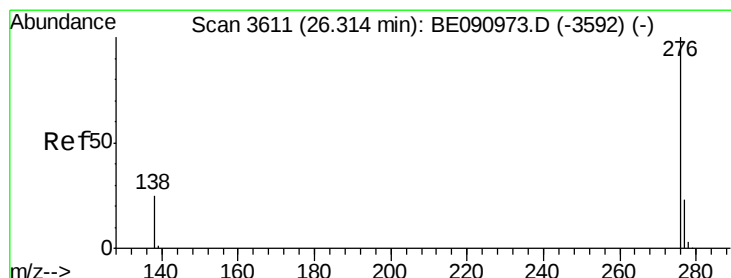
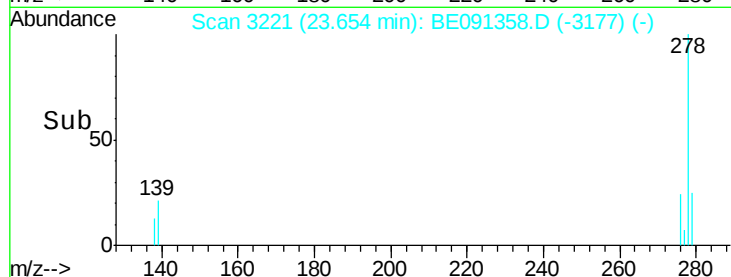
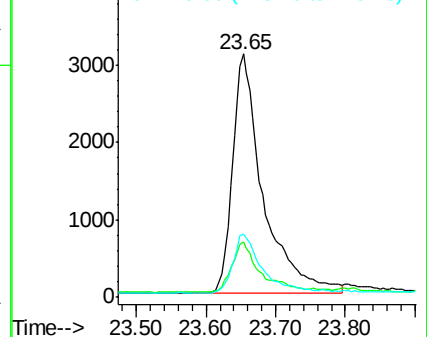
278 100

139 22.6 16.3 24.5

279 26.0 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: 0.48 ng

RT: 24.25 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BE091358.D

Acq: 14 Jan 2016 19:37

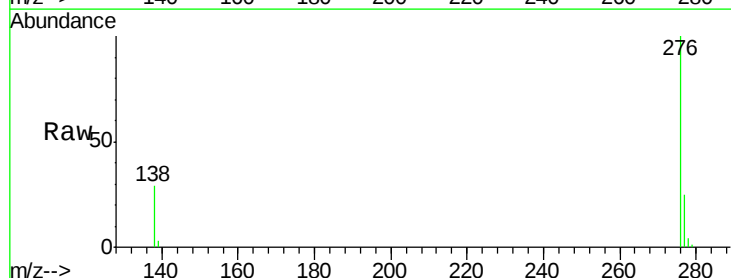
Tgt Ion:276 Resp: 13633

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 28.5 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

