

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094183.D
 Acq On : 6 Oct 2017 17:33
 Operator : SJ/JU
 Sample : PB102941BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102941BL

Quant Time: Oct 07 01:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1685	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7663	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4143	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13628	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11083	0.40	ng	0.00
34) Perylene-d12	23.91	264	10509	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1632	0.29	ng	0.01
5) Phenol-d6	7.10	99	2035	0.25	ng	0.01
8) Nitrobenzene-d5	9.06	82	1771	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3287	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	287	0.16	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	4257	0.30	ng	0.02
25) Fluoranthene-d10	19.27	212	40443	0.30	ng	0.00
29) Terphenyl-d14	19.85	244	6736	0.32	ng	0.00

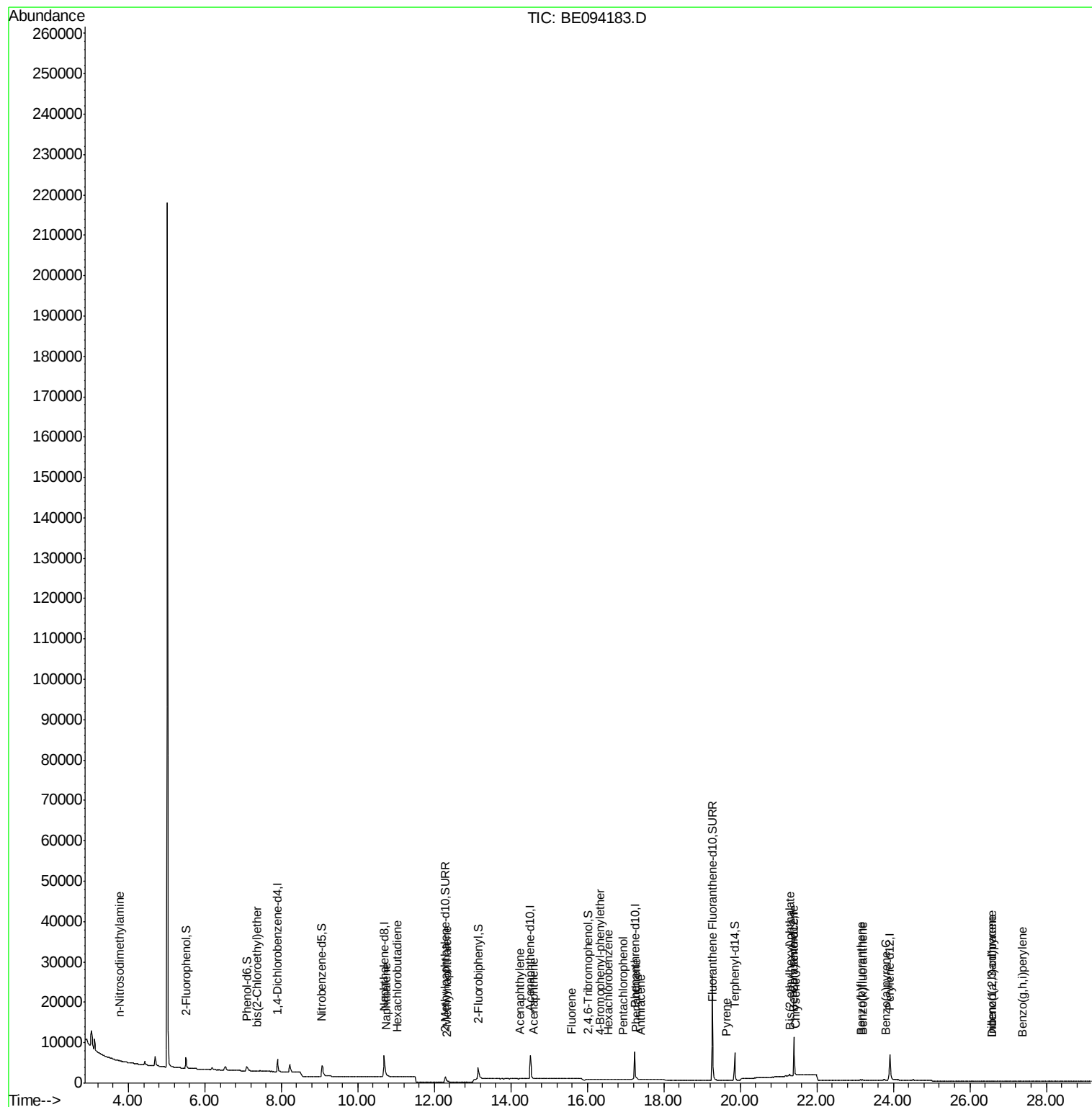
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.77	42	82	0.025	ng	# 8
6) bis(2-Chloroethyl)ether	7.36	93	9	0.001	ng	# 23
9) Naphthalene	10.74	128	119	0.001	ng	# 45
10) Hexachlorobutadiene	11.02	225	2	0.001	ng	# 17
12) 2-Methylnaphthalene	12.35	142	3	0.000	ng	# 49
16) Acenaphthylene	14.24	152	4	0.000	ng	# 1
17) Acenaphthene	14.58	154	11	0.001	ng	# 9
18) Fluorene	15.59	166	12	0.001	ng	# 59
20) 4-Bromophenyl-phenylether	16.32	248	2	0.000	ng	# 50
21) Hexachlorobenzene	16.55	284	2	0.000	ng	# 1
22) Pentachlorophenol	16.94	266	4	0.002	ng	# 91
23) Phenanthrene	17.27	178	66	0.001	ng	# 61
24) Anthracene	17.40	178	25	0.001	ng	# 62
26) Fluoranthene	19.29	202	41	0.001	ng	# 84
28) Pyrene	19.65	202	32	0.001	ng	# 44
30) Benzo(a)anthracene	21.39	228	60	0.002	ng	# 1
31) Chrysene	21.44	228	53	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	860	0.010	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.56	276	23	0.001	ng	# 78
35) Benzo(b)fluoranthene	23.15	252	159	0.004	ng	# 1
36) Benzo(k)fluoranthene	23.20	252	96	0.003	ng	# 1
37) Benzo(a)pyrene	23.80	252	39	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	56	0.002	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	52	0.002	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

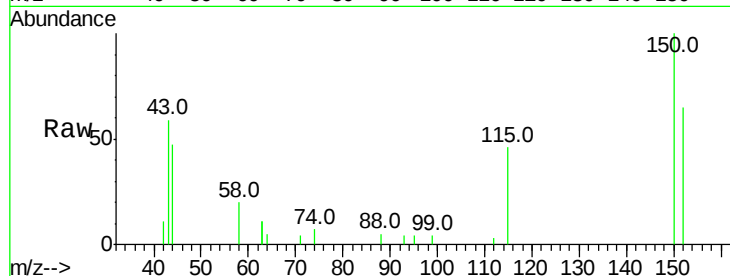
Tot Ion:152 Resp: 1685

Ion Ratio Lower Upper

152 100

150 155.0 117.2 175.8

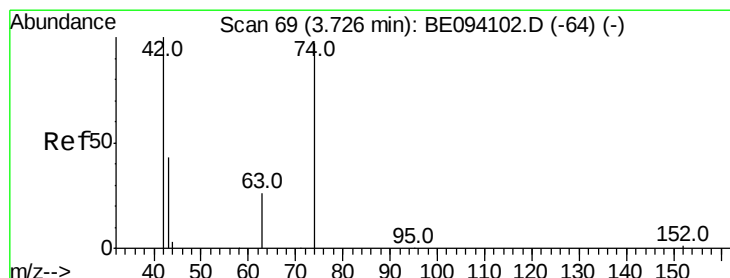
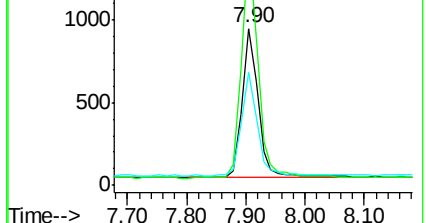
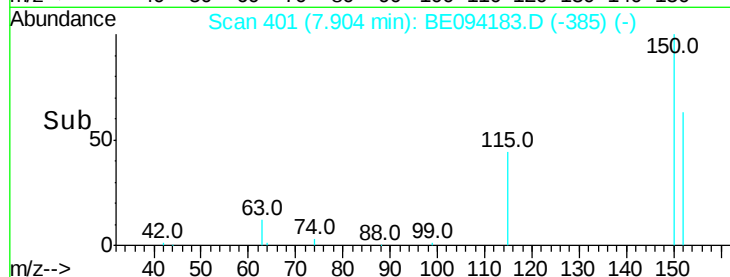
115 72.0 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.77 min Scan# 73

Delta R.T. 0.05 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

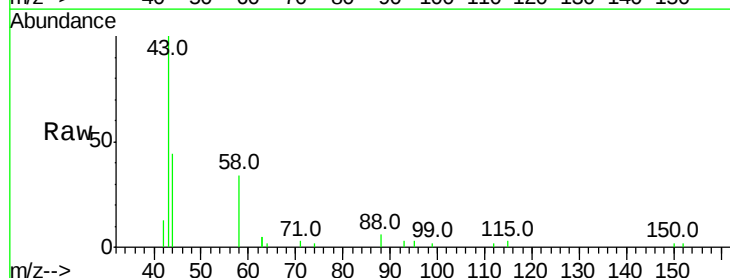
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

74 11.0 100.3 150.5#

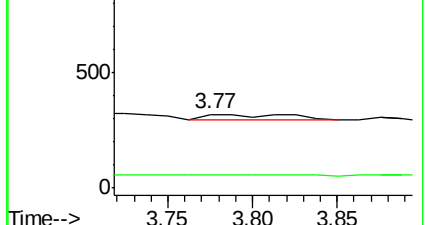
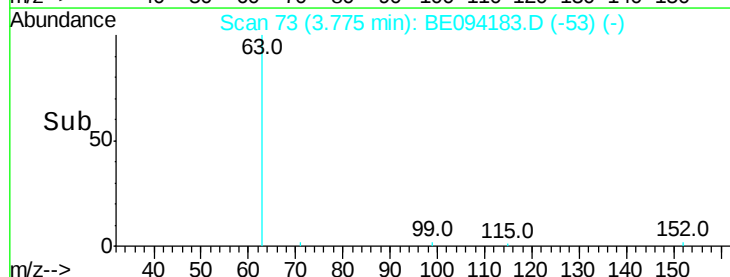
44 0.0 17.0 25.4#

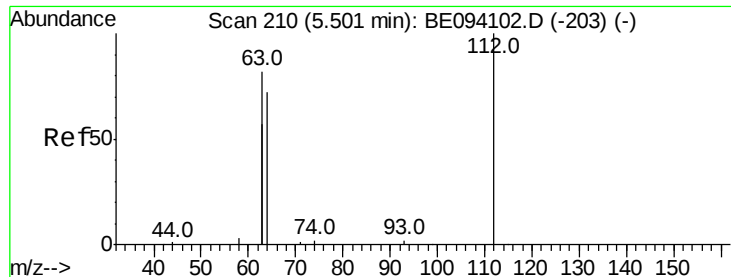


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.291 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

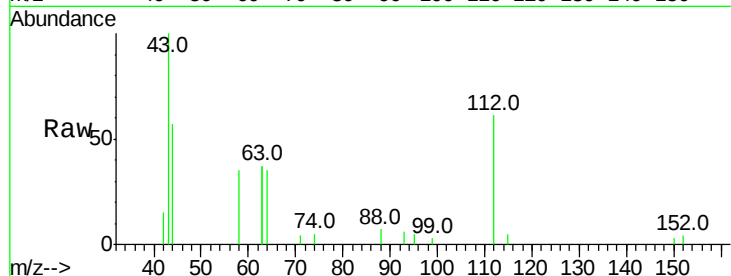
Tot Ion:112 Resp: 1632

Ion Ratio Lower Upper

112 100

64 75.1 60.1 90.1

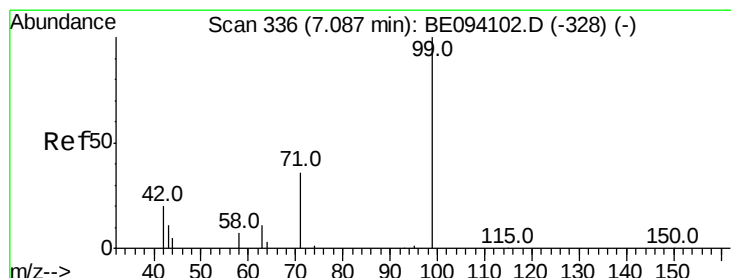
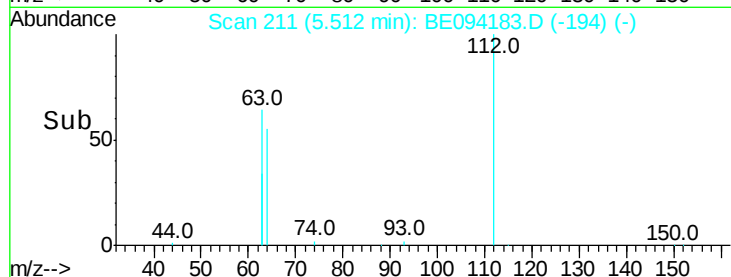
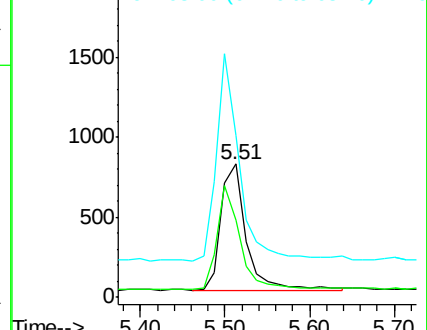
63 147.4 116.8 175.2



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: 0.250 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

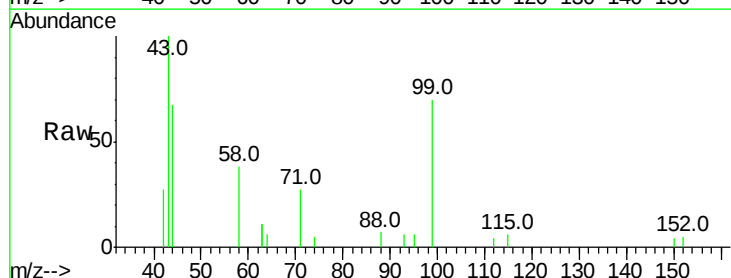
Tgt Ion: 99 Resp: 2035

Ion Ratio Lower Upper

99 100

42 22.3 20.2 30.2

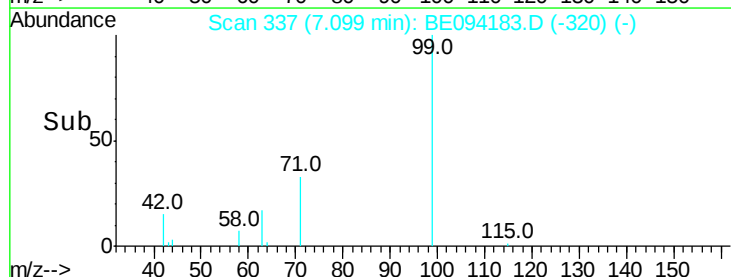
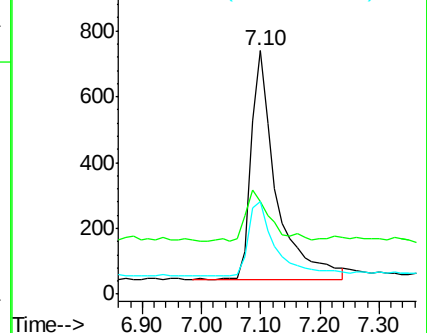
71 36.8 28.4 42.6

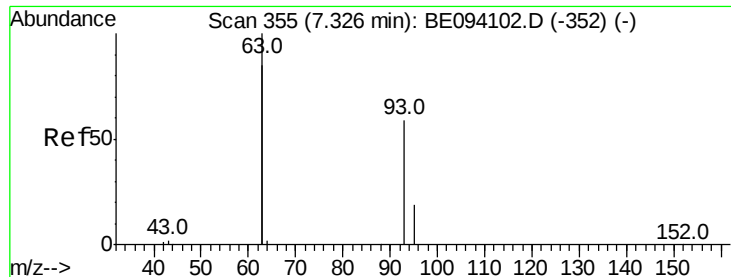


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.36 min Scan# 358

Delta R.T. 0.04 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

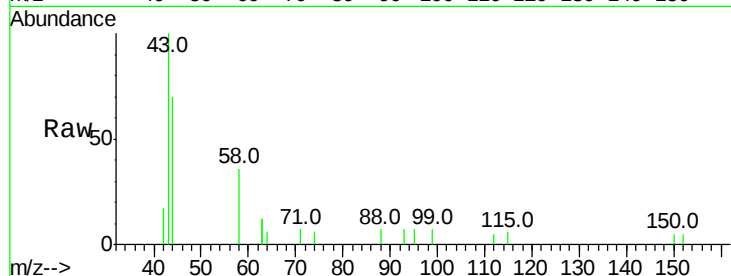
Tot Ion: 93 Resp: 9

Ion Ratio Lower Upper

93 100

63 188.9 275.3 412.9#

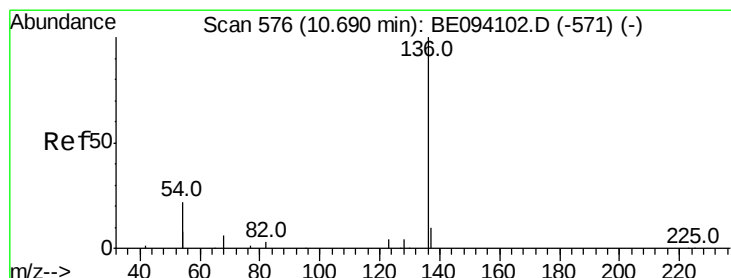
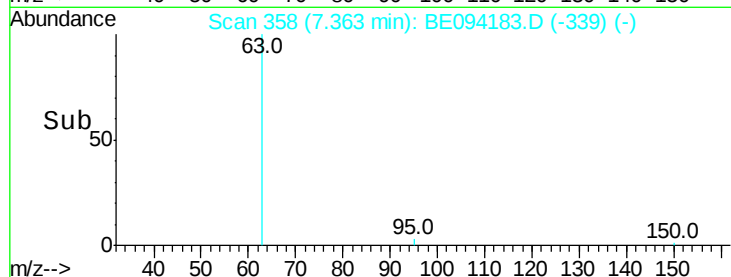
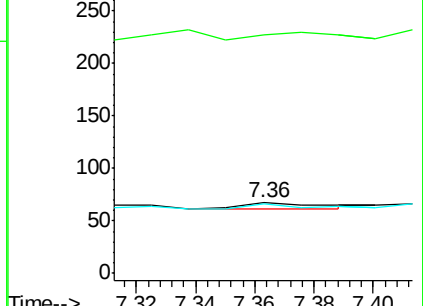
95 100.0 25.2 37.8#



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: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Tgt Ion: 136 Resp: 7663

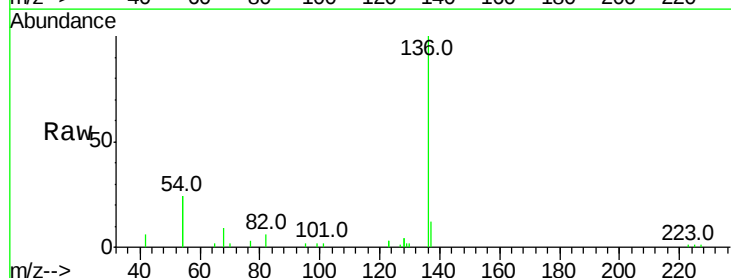
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 48.2 29.1 43.7#

68 9.0 6.2 9.2

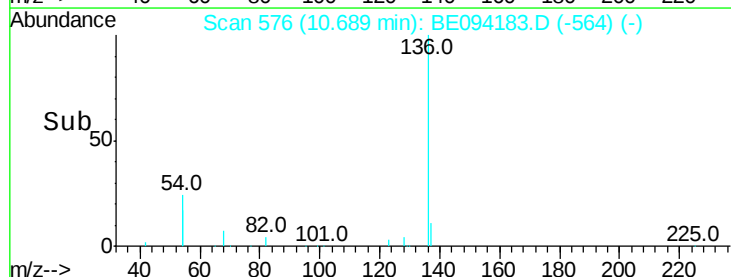
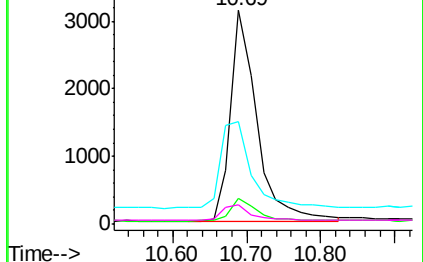


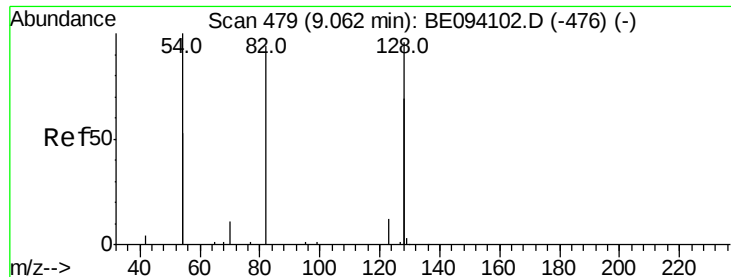
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

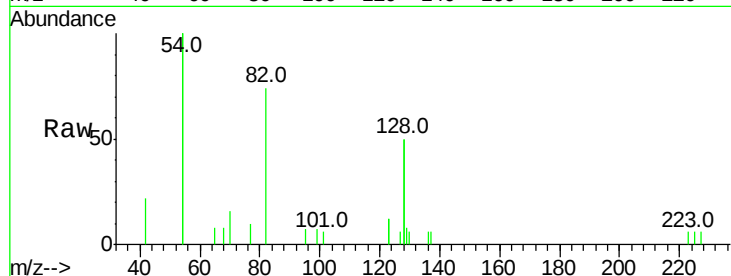
Tot Ion: 82 Resp: 1771

Ion Ratio Lower Upper

82 100

128 133.8 150.0 225.0#

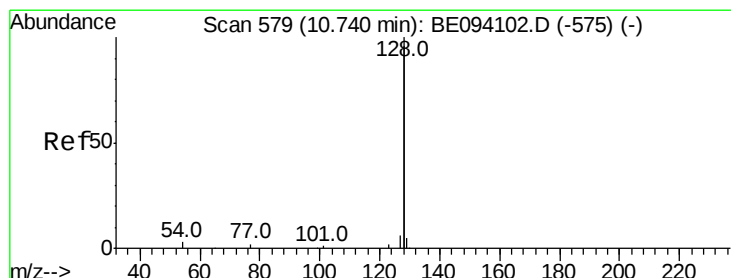
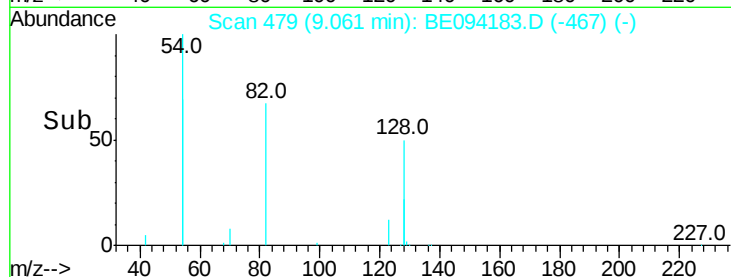
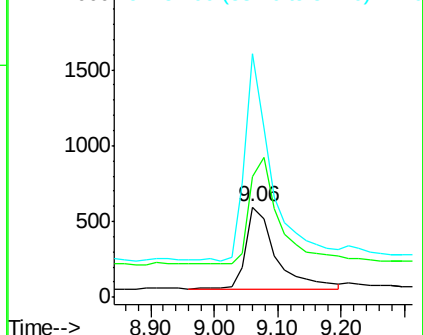
54 269.9 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094183.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094183.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094183.D (-467) (-)



#9

Naphthalene

Concen: 0.001 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

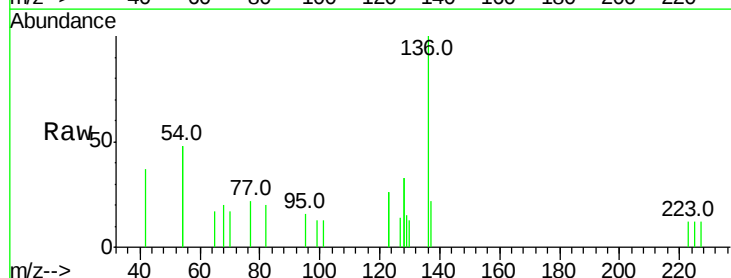
Tgt Ion: 128 Resp: 119

Ion Ratio Lower Upper

128 100

129 22.3 2.6 3.8#

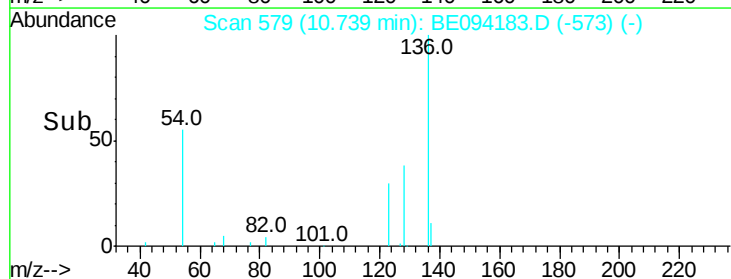
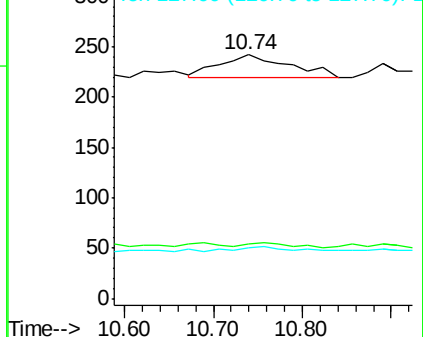
127 20.7 2.8 4.2#

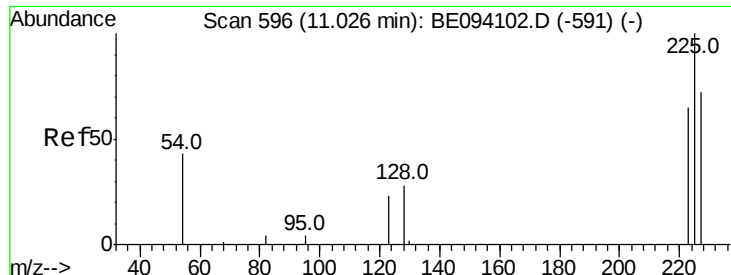


Abundance Ion 128.00 (127.70 to 128.70): BE094183.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE094183.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE094183.D (-573) (-)

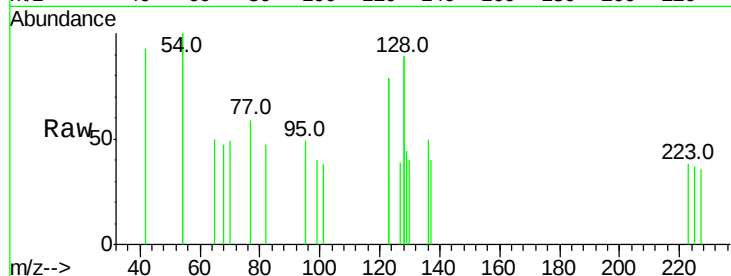




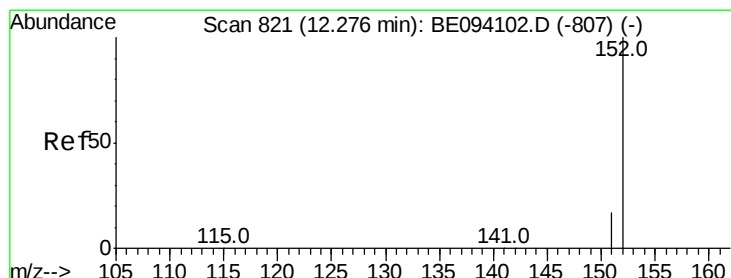
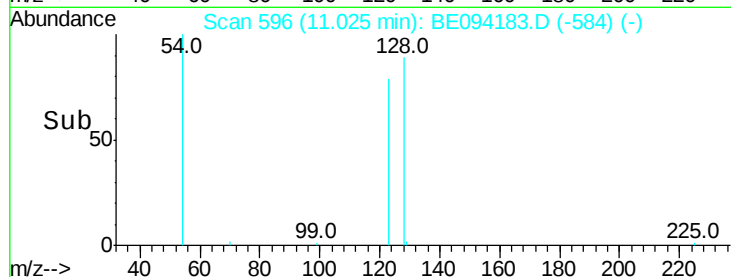
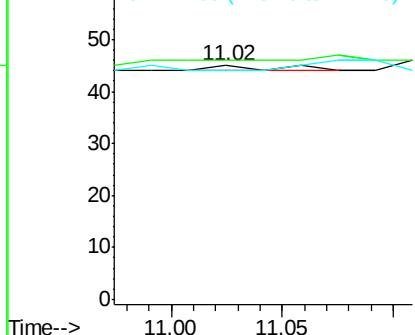
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094183.D
Acq: 6 Oct 2017 17:33

Instrument :
BNA_E
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PB102941BL

Tot Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#

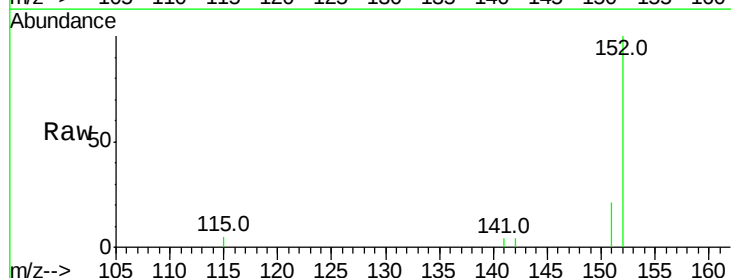


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

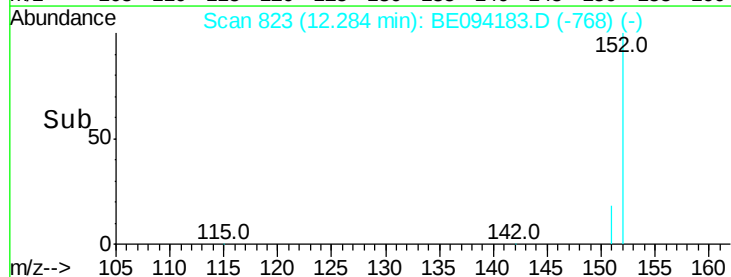
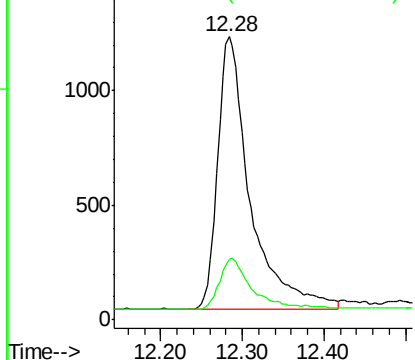


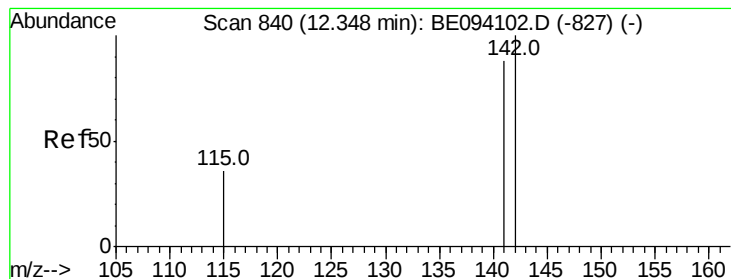
#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.28 min Scan# 823
Delta R.T. 0.01 min
Lab File: BE094183.D
Acq: 6 Oct 2017 17:33

Tgt Ion: 152 Resp: 3287
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 12.35 min Scan# 840

Delta R.T. 0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

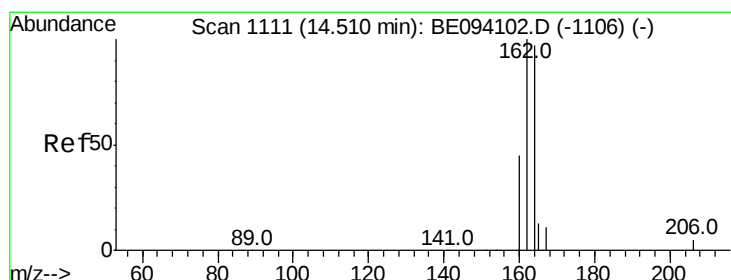
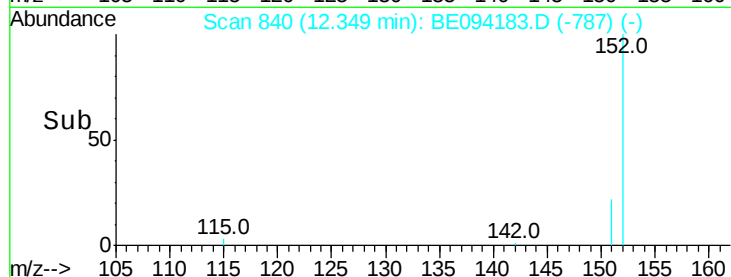
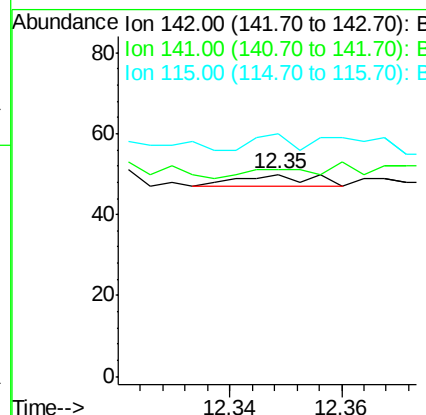
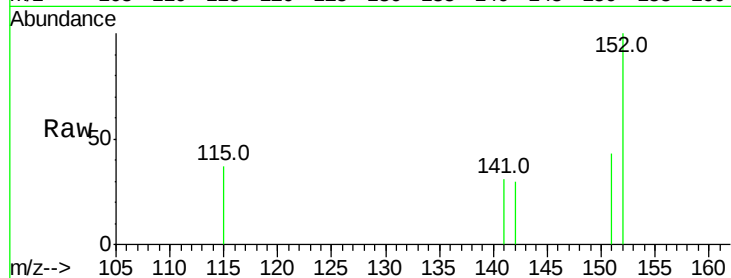
BNA_E

ClientSampleId :

PB102941BL

Tot Ion:142 Resp: 3

Ion	Ratio	Lower	Upper
142	100		
141	102.0	70.4	105.6
115	120.0	31.7	47.5#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

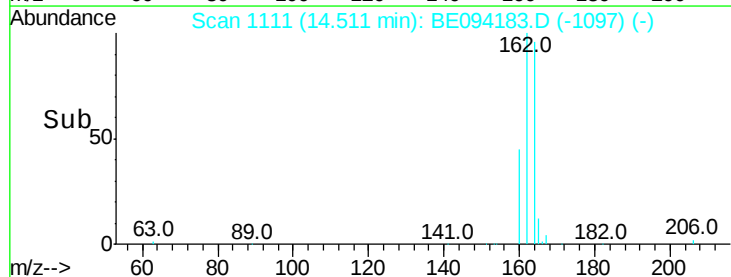
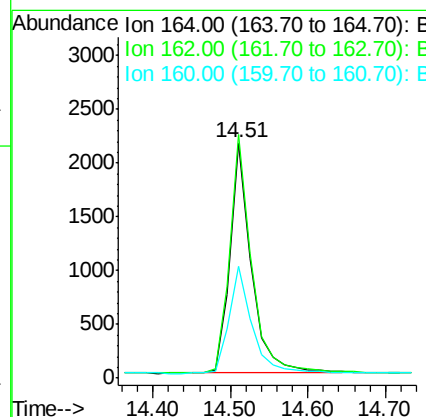
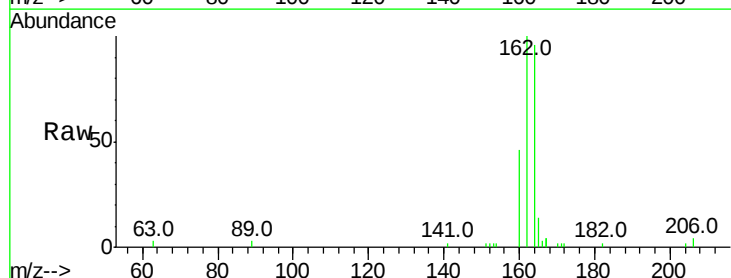
Delta R.T. 0.00 min

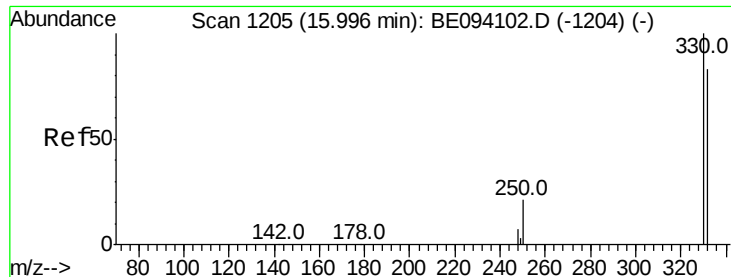
Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Tgt Ion:164 Resp: 4143

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.1	124.7
160	47.8	37.1	55.7

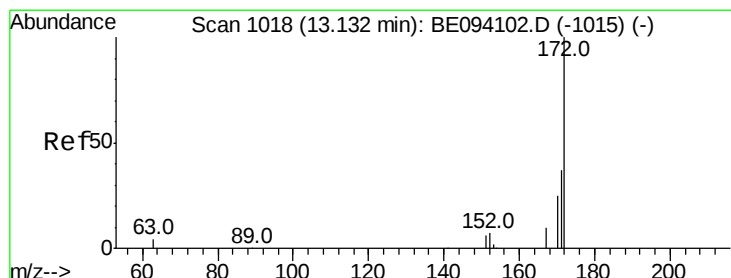
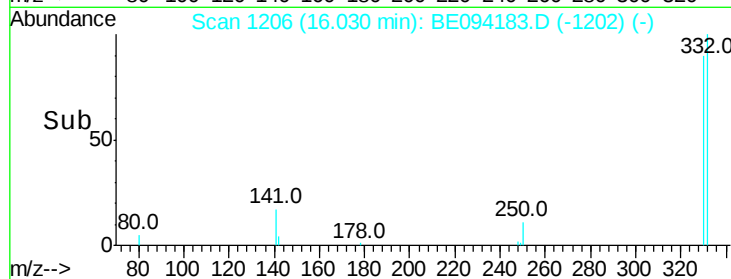
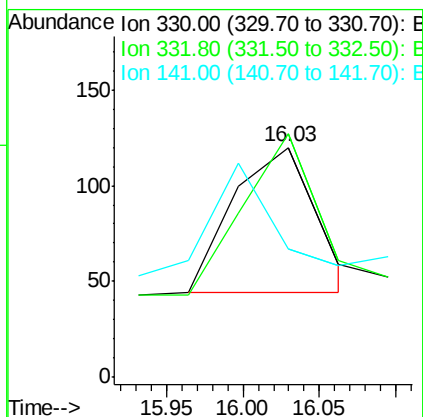
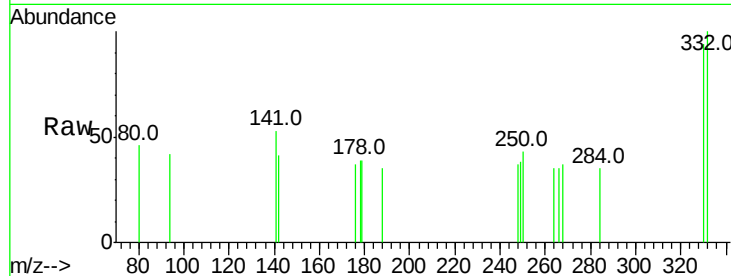




#14
 2,4,6-Tribromophenol
 Concen: 0.159 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

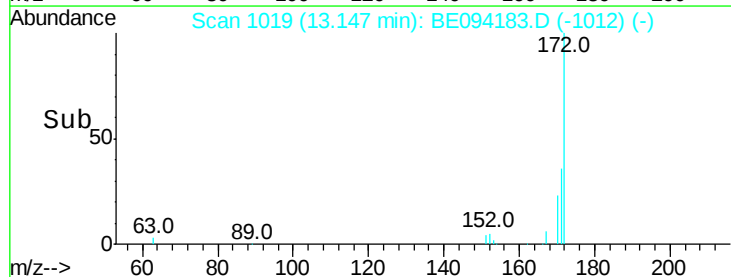
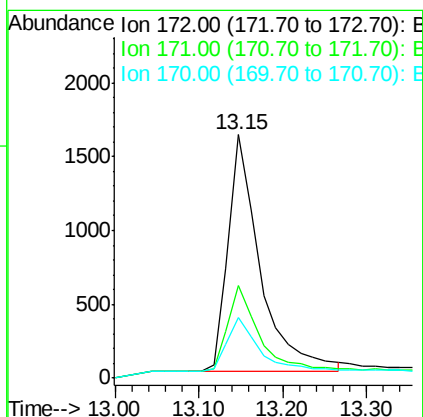
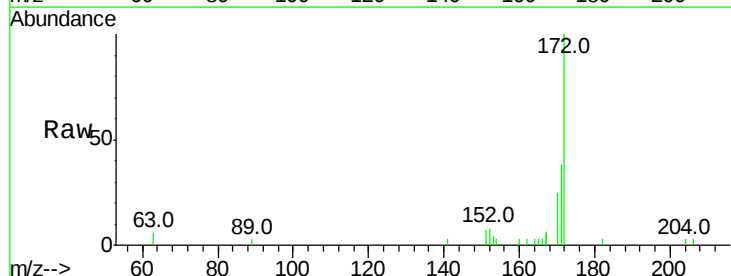
Instrument :
 BNA_E
 ClientSampleId :
 PB102941BL

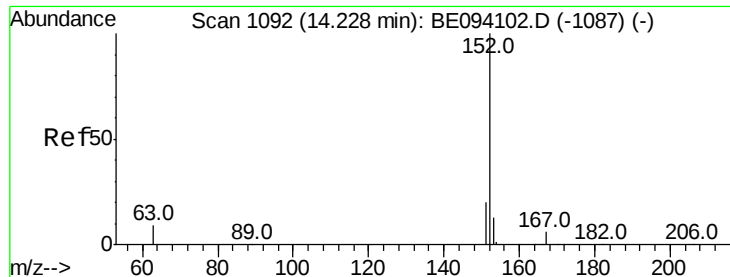
Tot Ion:330 Resp: 287
 Ion Ratio Lower Upper
 330 100
 332 99.0 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.300 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.02 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

Tgt Ion:172 Resp: 4257
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 24.8 21.8 32.8





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.02 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

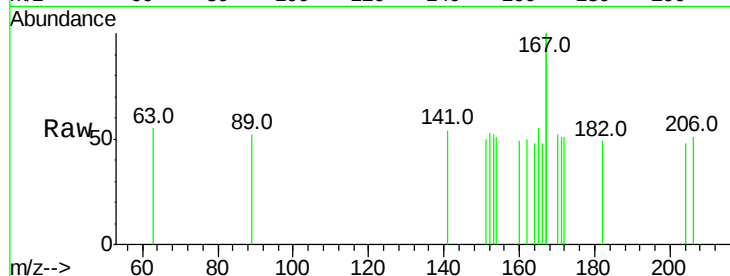
Tot Ion:152 Resp: 4

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

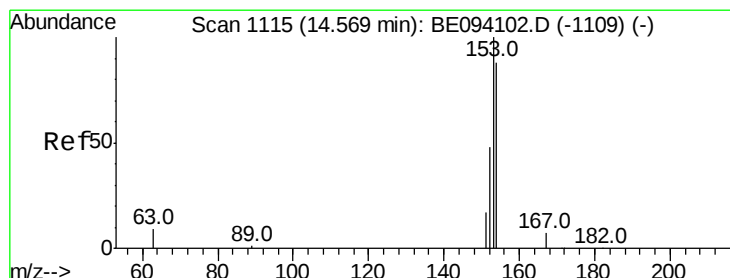
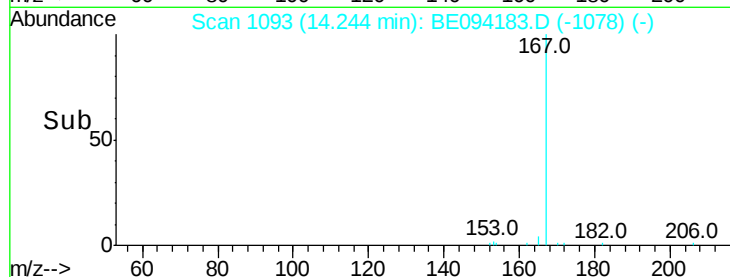
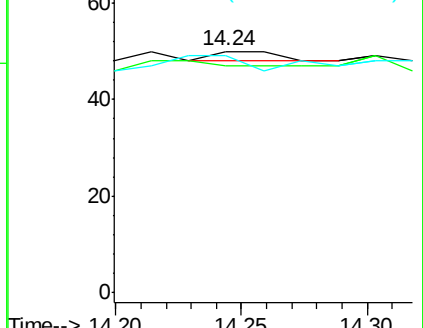
153 175.0 10.5 15.7#



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: 0.001 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.02 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

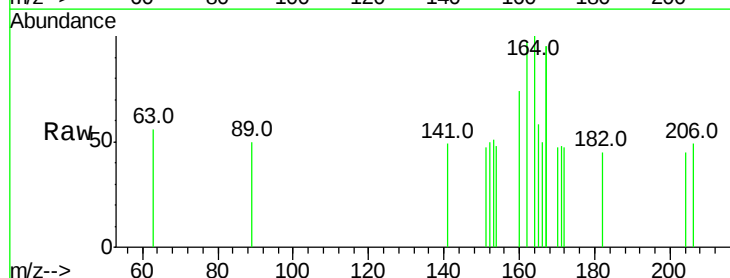
Tgt Ion:154 Resp: 11

Ion Ratio Lower Upper

154 100

153 227.3 89.2 133.8#

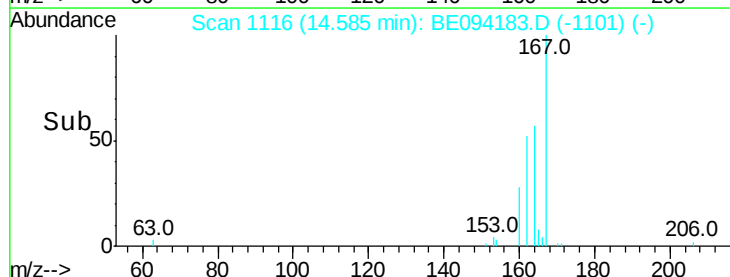
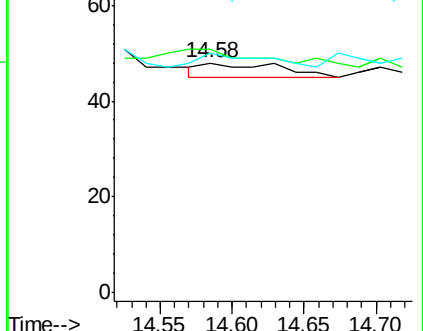
152 90.9 42.0 63.0#

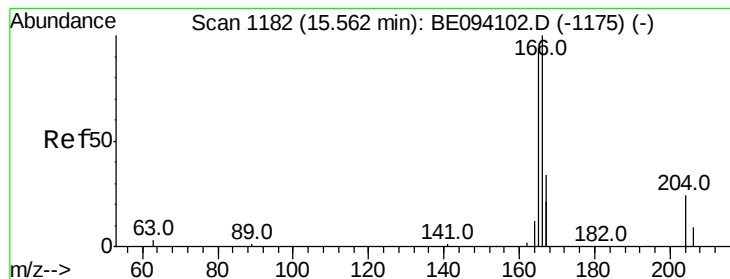


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.59 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

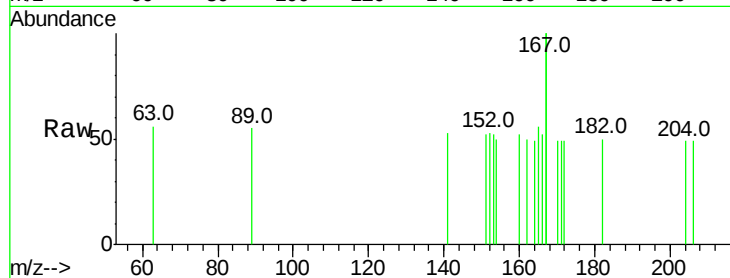
Tot Ion:166 Resp: 12

Ion Ratio Lower Upper

166 100

165 75.0 77.8 116.6#

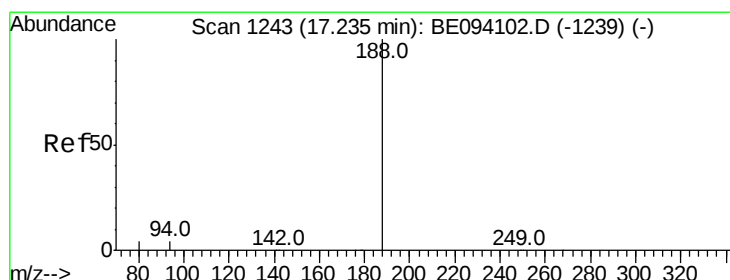
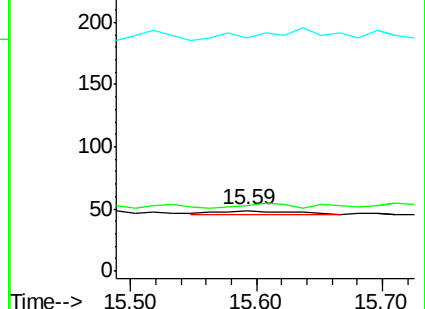
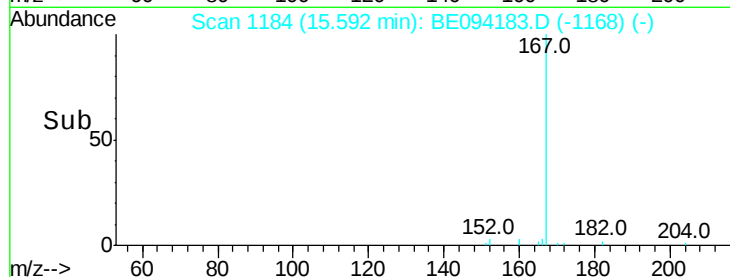
167 0.0 42.4 63.6#



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: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

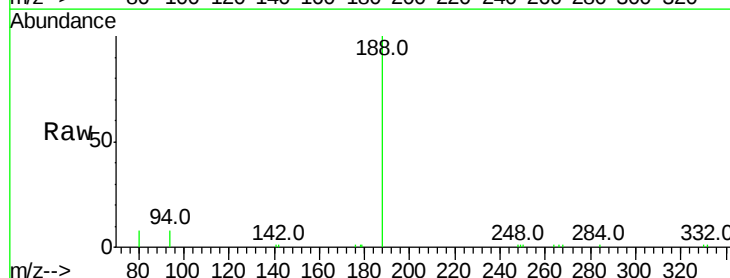
Tgt Ion:188 Resp: 13628

Ion Ratio Lower Upper

188 100

94 7.6 3.9 5.9#

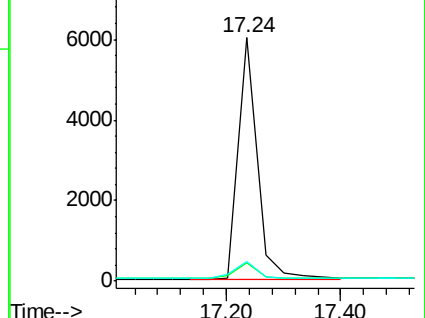
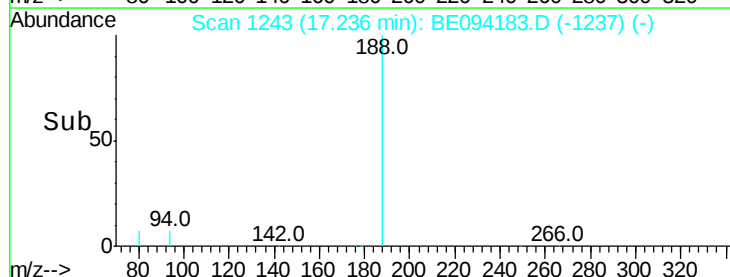
80 7.9 3.6 5.4#

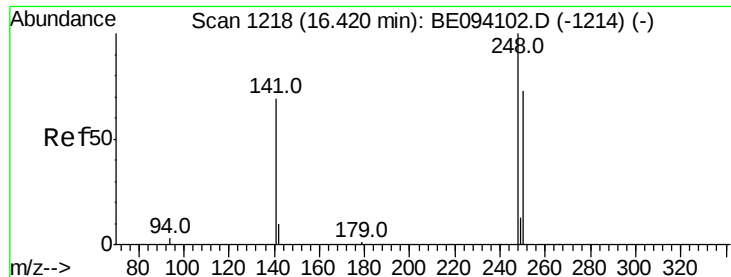


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.32 min Scan# 1215

Delta R.T. -0.10 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

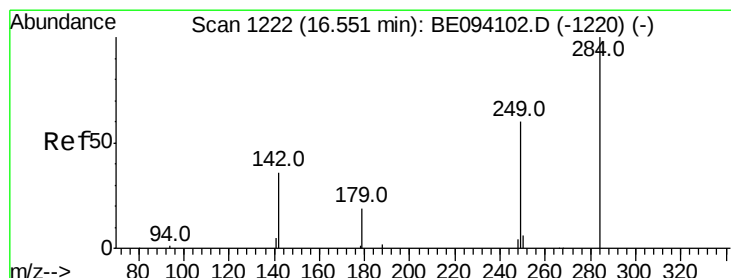
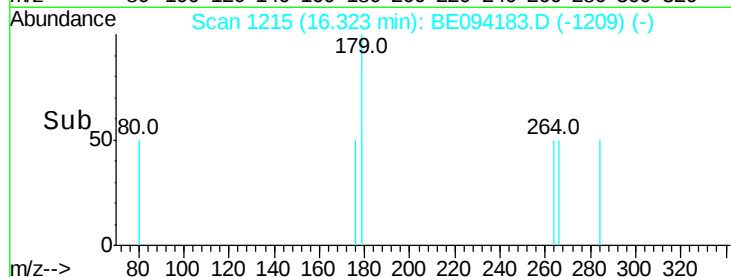
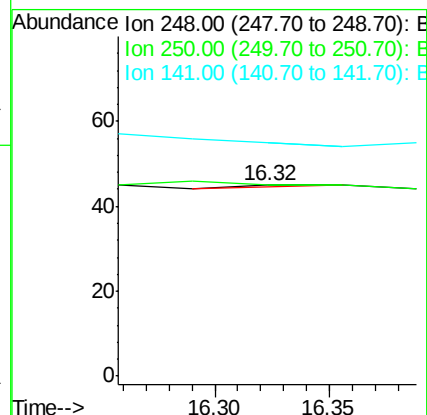
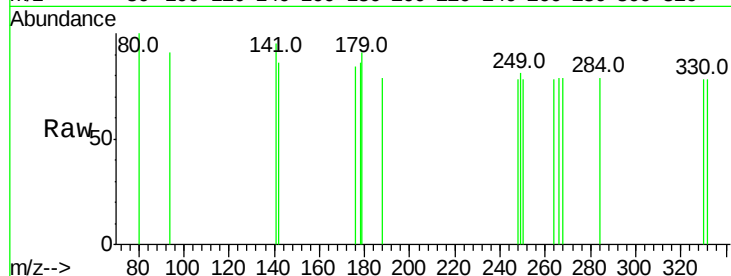
Tot Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

141 122.2 48.2 72.2#



#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

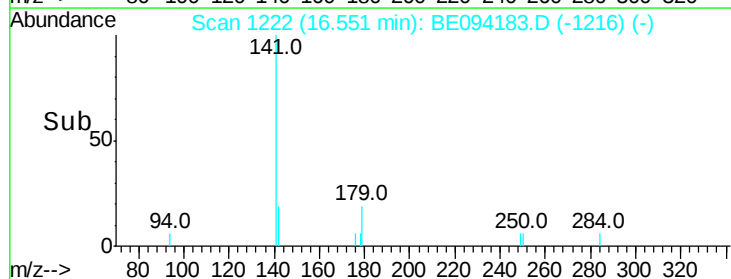
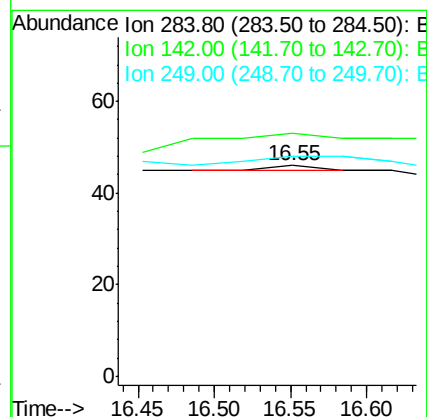
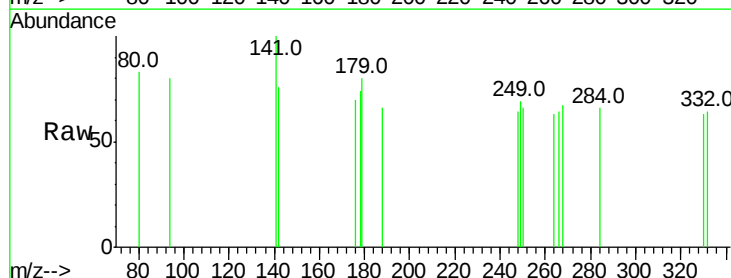
Tgt Ion:284 Resp: 2

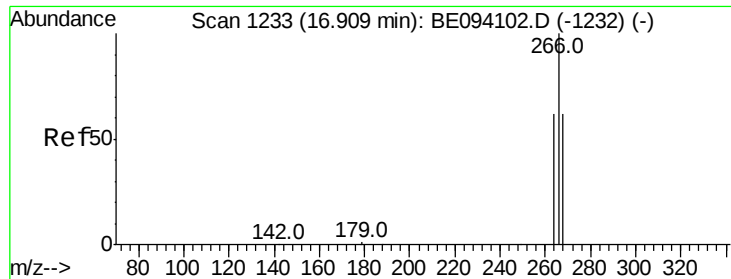
Ion Ratio Lower Upper

284 100

142 1250.0 22.1 33.1#

249 600.0 34.8 52.2#

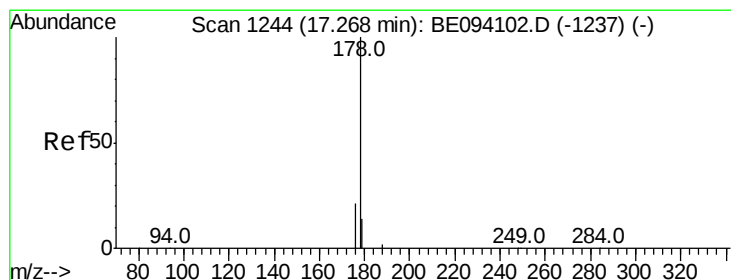
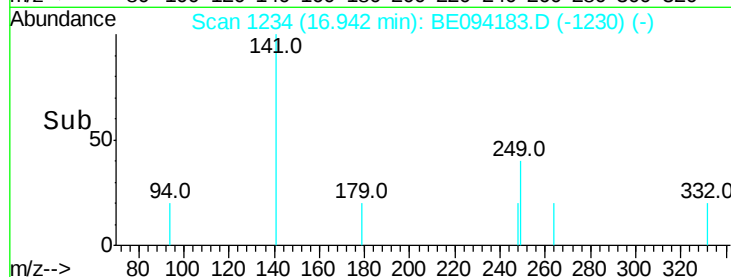
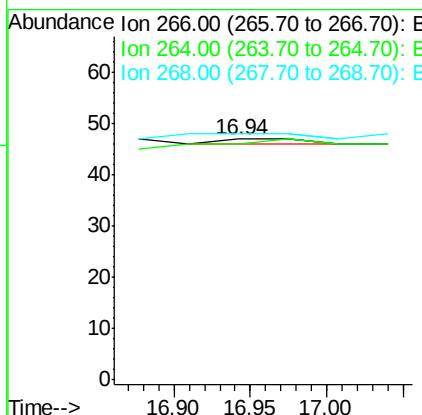
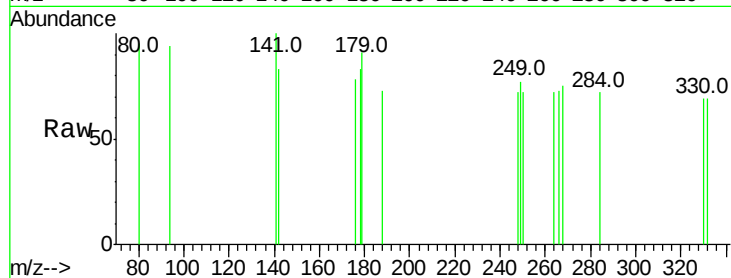




#22
 Pentachlorophenol
 Concen: 0.002 ng
 RT: 16.94 min Scan# 1234
 Delta R.T. 0.03 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

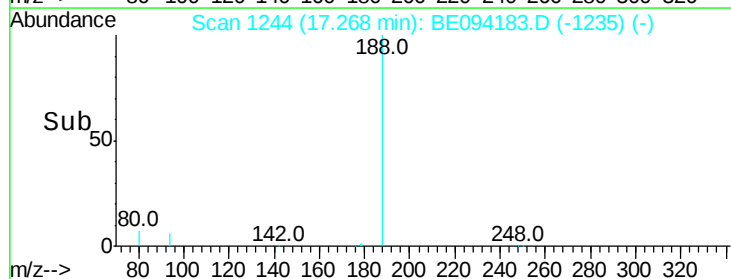
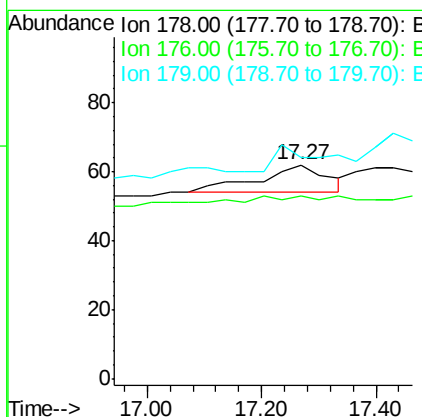
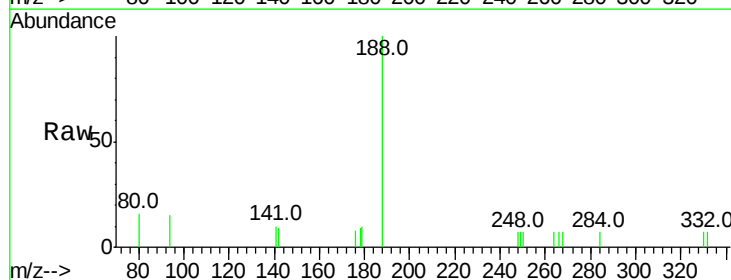
Instrument :
 BNA_E
 ClientSampleId :
 PB102941BL

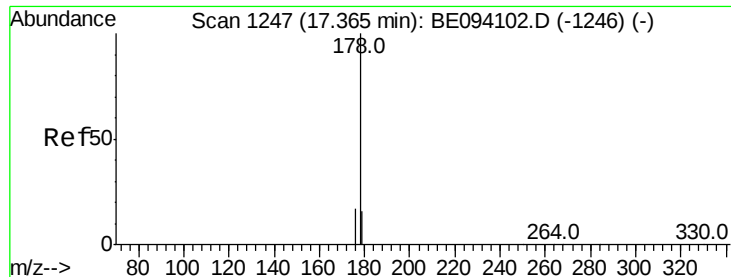
Tot Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 97.9 72.5 108.7
 268 102.1 73.8 110.6



#23
 Phenanthrene
 Concen: 0.001 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

Tgt Ion:178 Resp: 66
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 0.0 11.8 17.6#





#24

Anthracene

Concen: 0.001 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.03 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

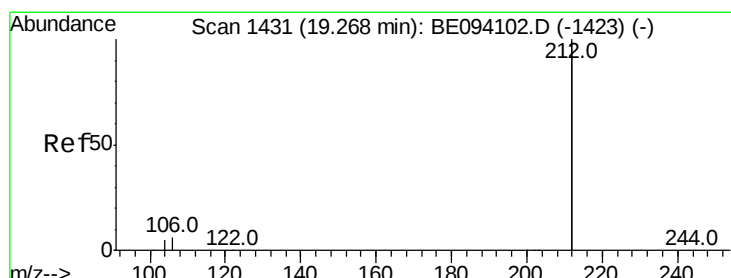
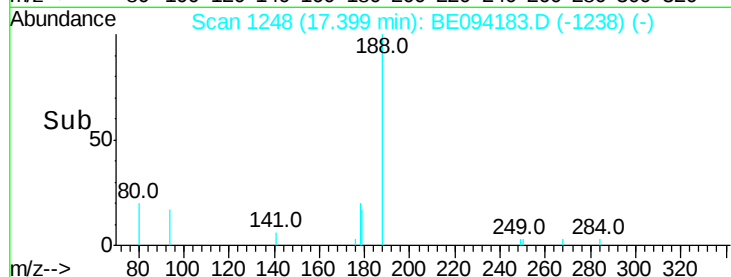
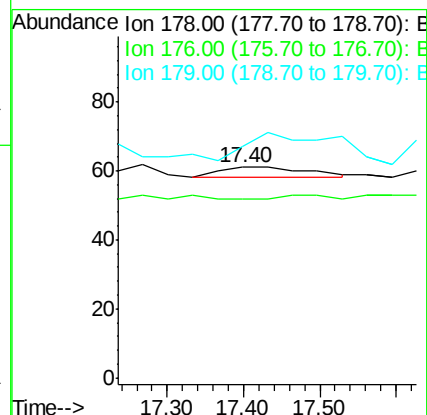
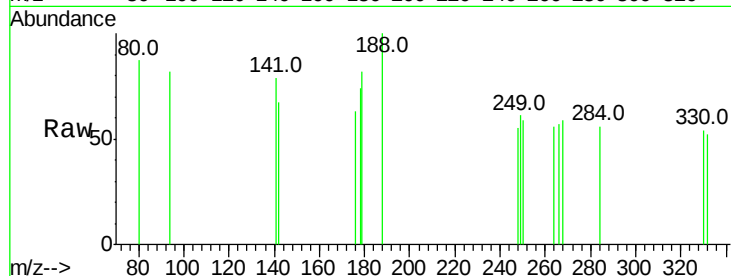
Tot Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

179 0.0 13.0 19.6#



#25

Fluoranthene-d10

Concen: 0.297 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

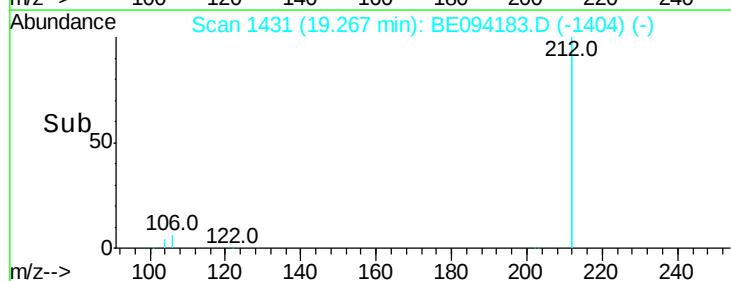
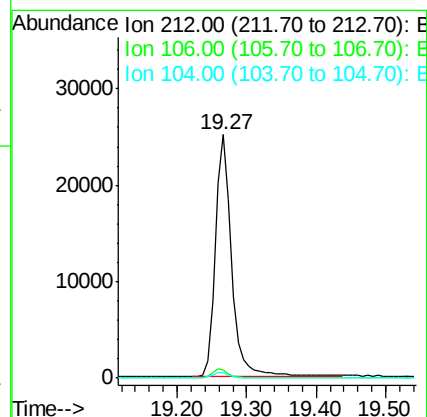
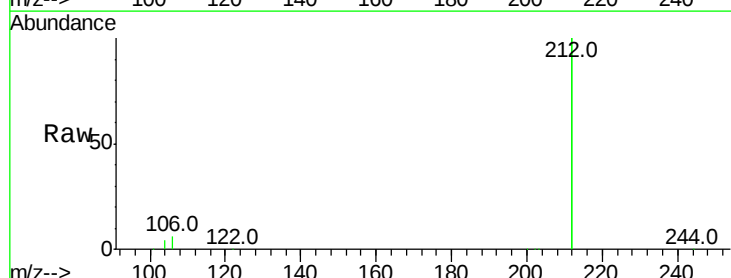
Tgt Ion:212 Resp: 40443

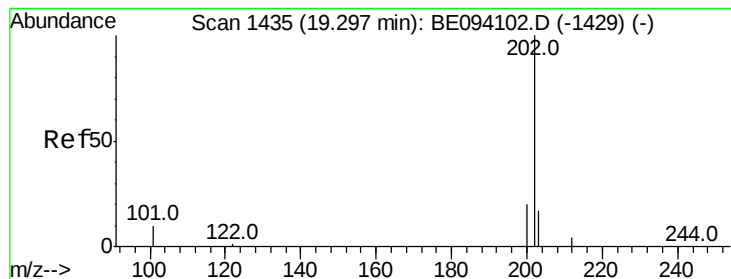
Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

104 2.1 1.6 2.4





#26

Fluoranthene

Concen: 0.001 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

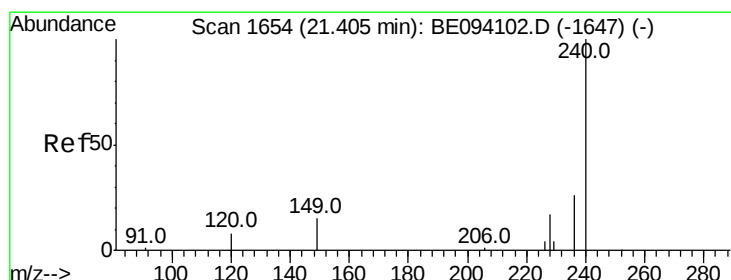
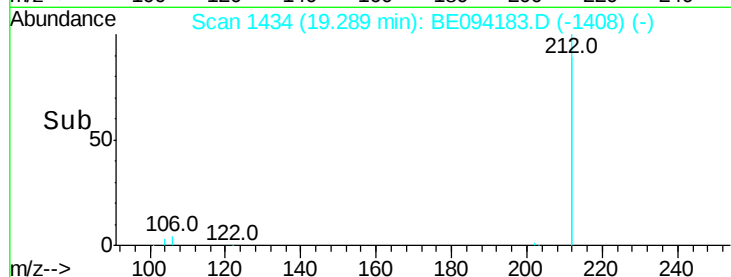
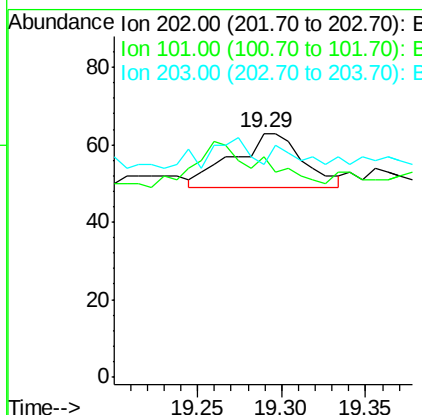
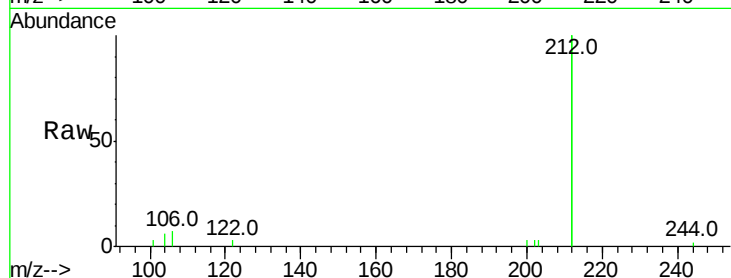
BNA_E

ClientSampleId :

PB102941BL

Tot Ion:202 Resp: 41

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	14.6	13.7	20.5



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

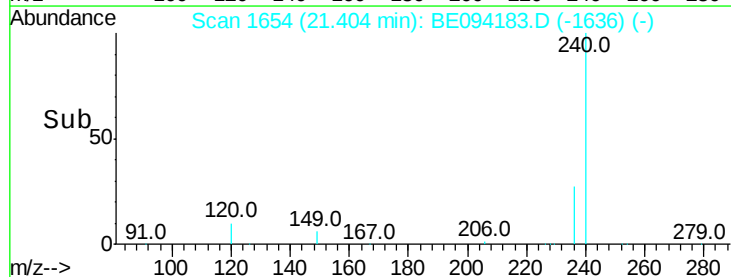
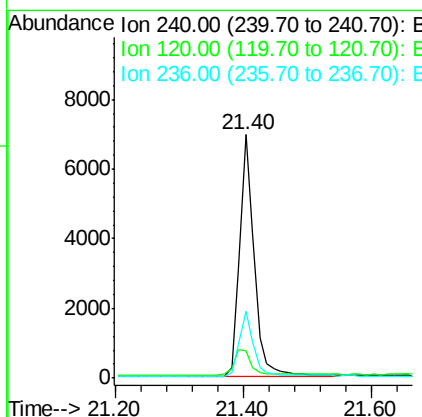
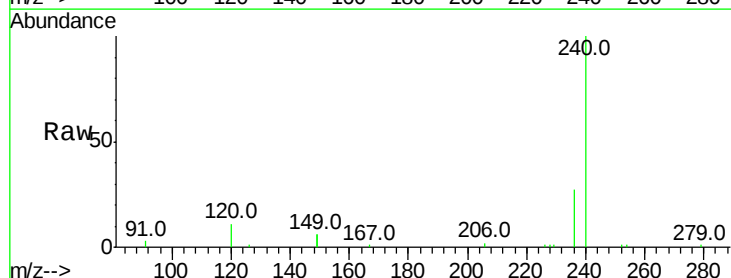
Delta R.T. -0.00 min

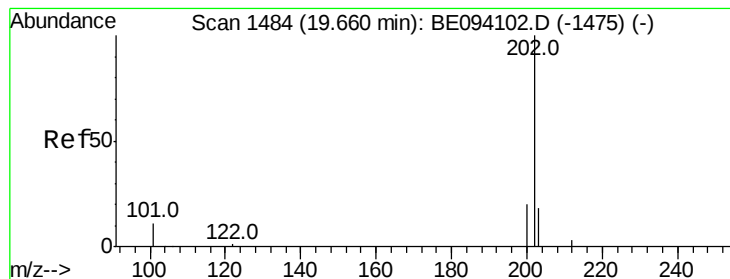
Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Tgt Ion:240 Resp: 11083

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.5	8.3#
236	27.2	20.7	31.1





#28

Pvrene

Concen: 0.001 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

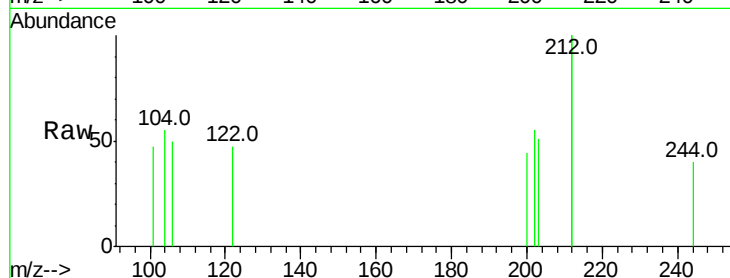
Tot Ion:202 Resp: 32

Ion Ratio Lower Upper

202 100

200 53.1 16.6 25.0#

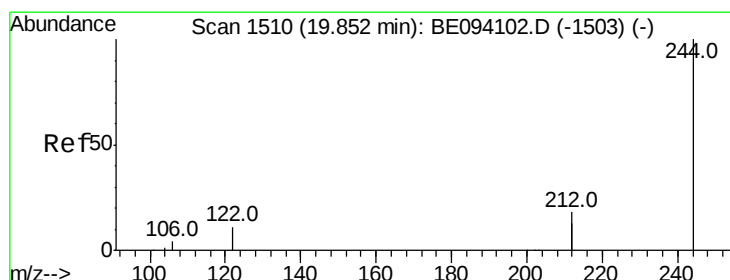
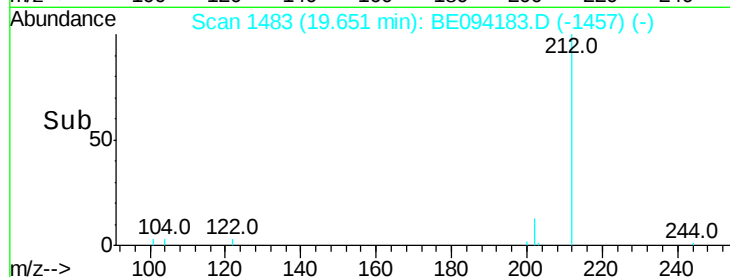
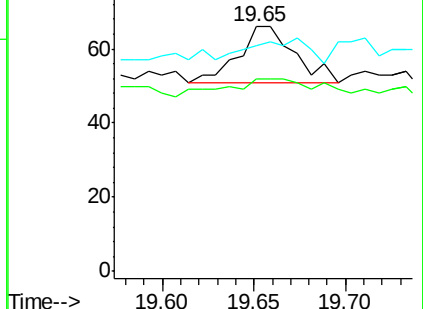
203 0.0 13.8 20.8#



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: 0.322 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

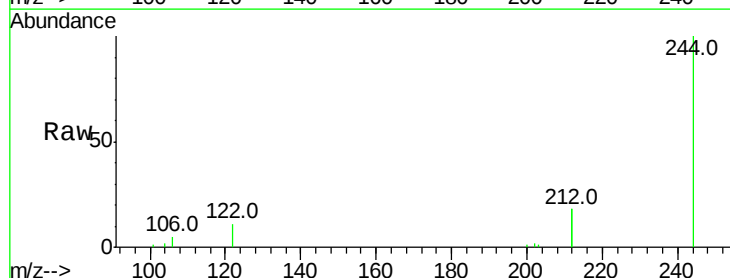
Tgt Ion:244 Resp: 6736

Ion Ratio Lower Upper

244 100

212 35.7 25.4 38.0

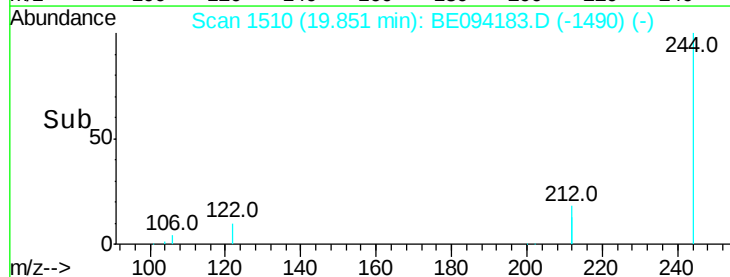
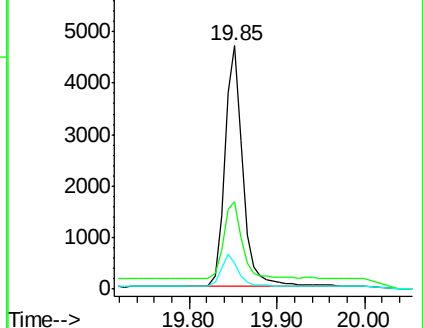
122 10.9 8.1 12.1

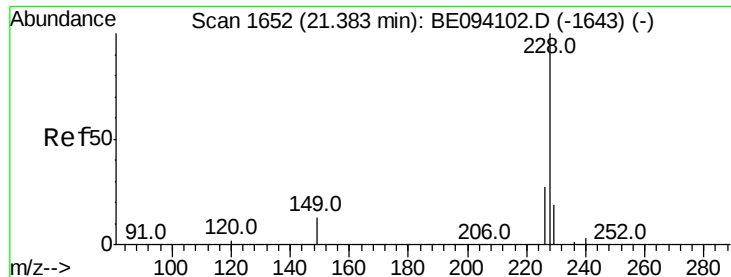


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

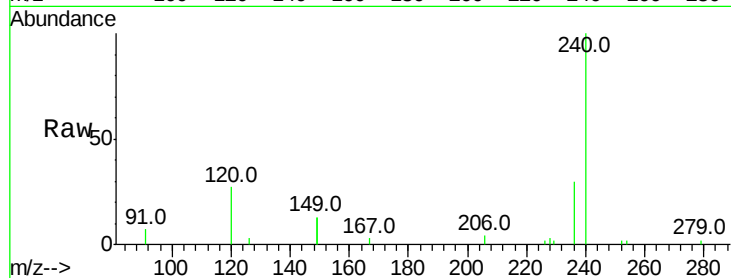
Tot Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 73.8 21.4 32.0#

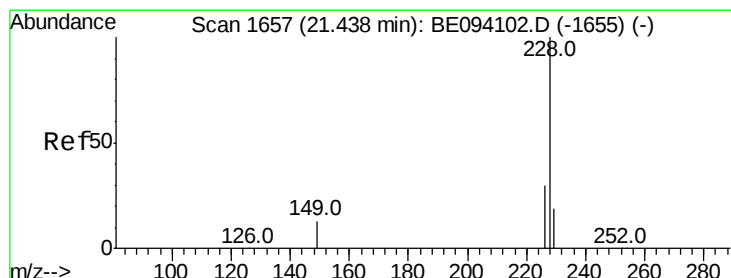
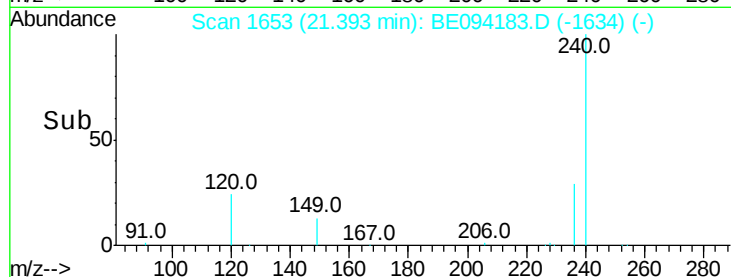
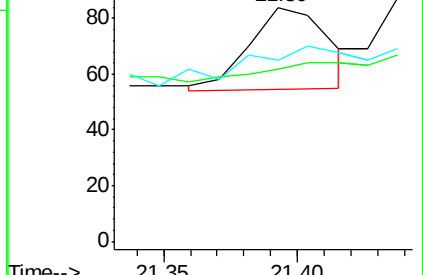
229 77.4 16.4 24.6#



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

Chrysene

Concen: 0.001 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

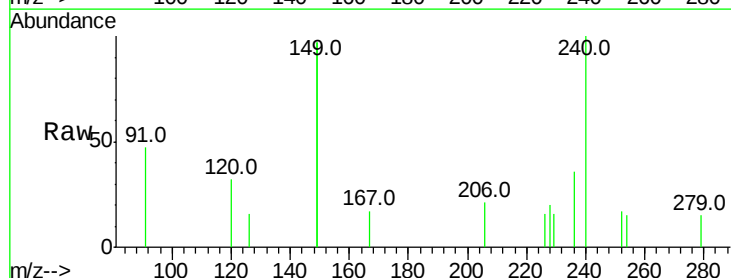
Tgt Ion:228 Resp: 53

Ion Ratio Lower Upper

228 100

226 77.0 23.6 35.4#

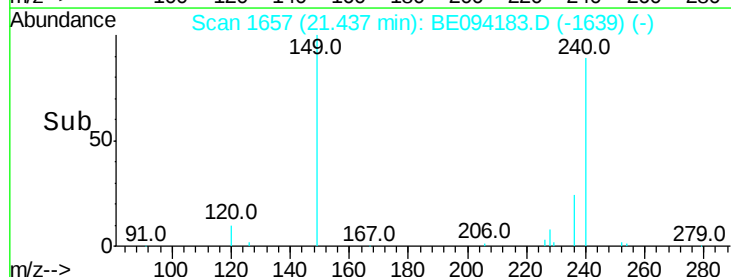
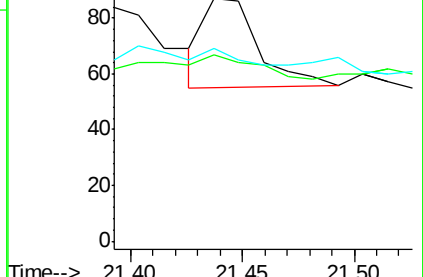
229 79.3 16.4 24.6#

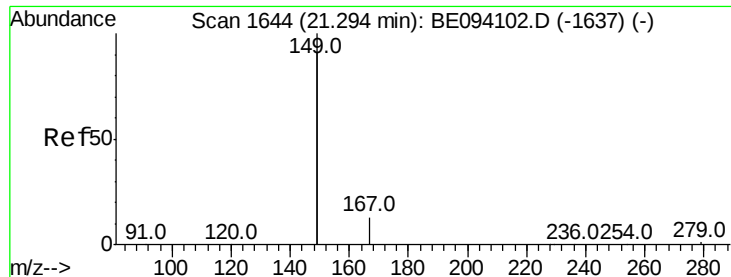


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

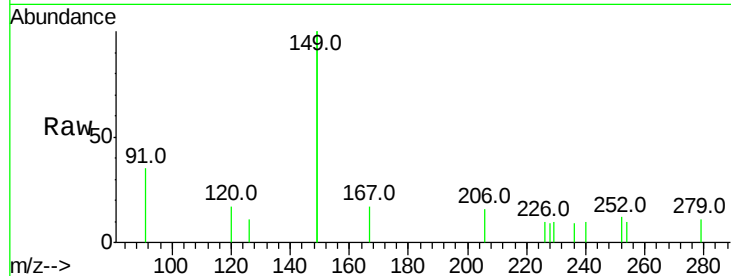




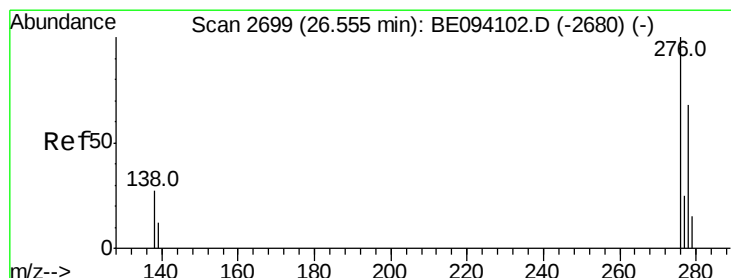
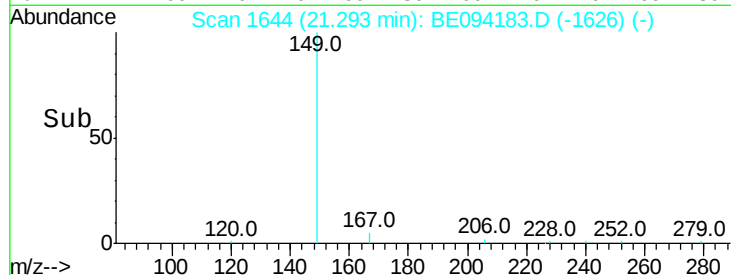
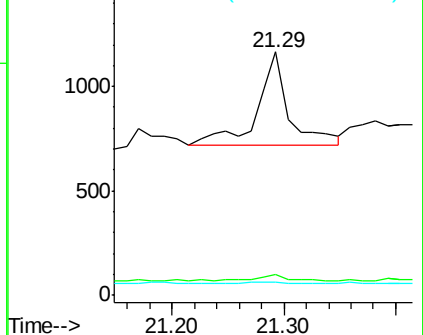
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.010 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

Instrument :
 BNA_E
 ClientSampleId :
 PB102941BL

Tot Ion:149 Resp: 860
 Ion Ratio Lower Upper
 149 100
 167 6.0 5.4 8.0
 279 2.3 0.7 1.1#

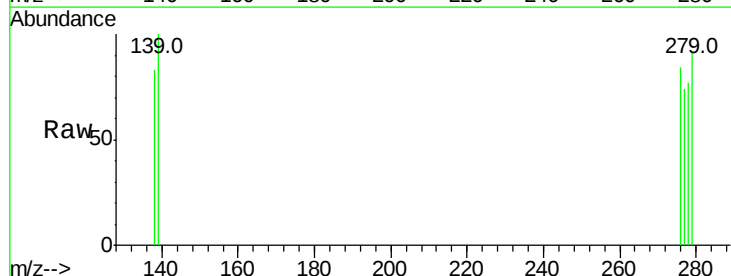


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

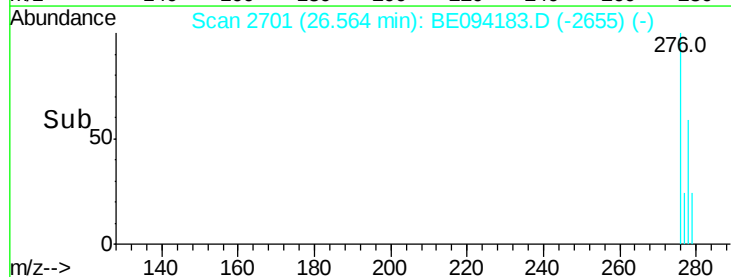
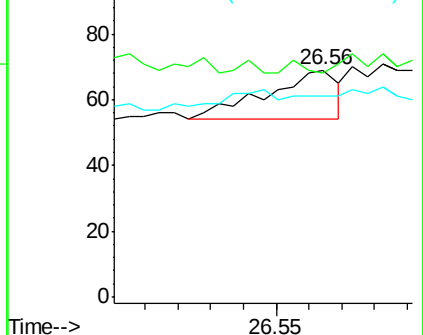


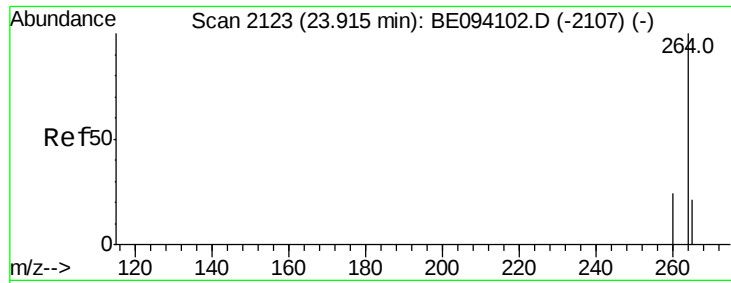
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 26.56 min Scan# 2701
 Delta R.T. 0.01 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

Tgt Ion:276 Resp: 23
 Ion Ratio Lower Upper
 276 100
 138 13.0 22.5 33.7#
 277 17.4 19.9 29.9#



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

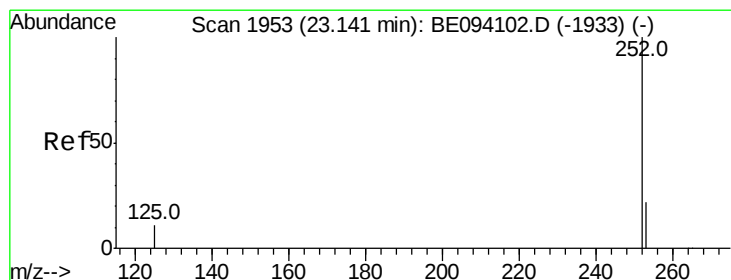
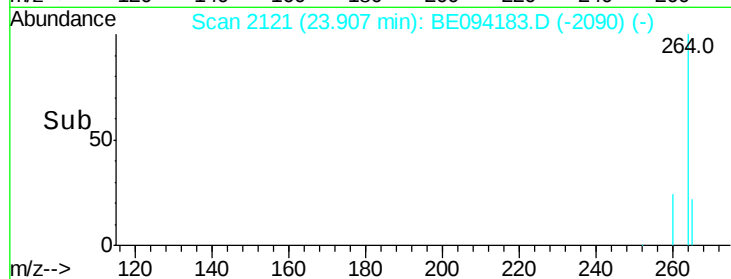
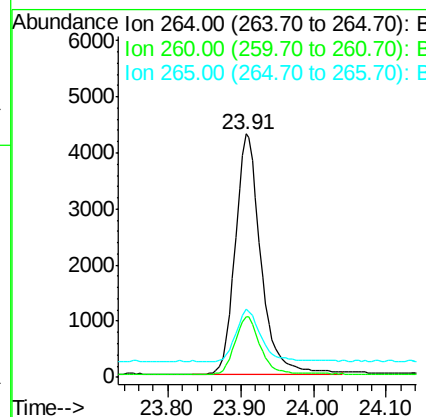
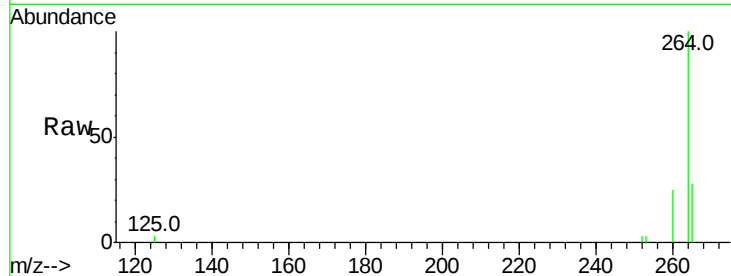




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

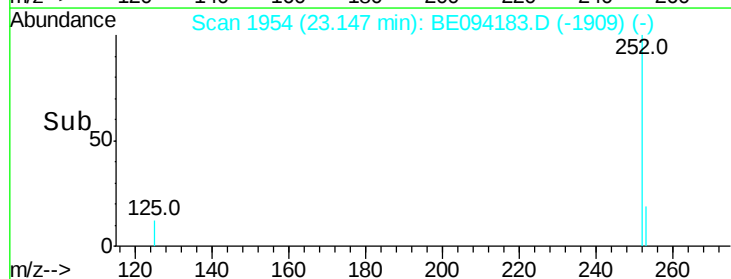
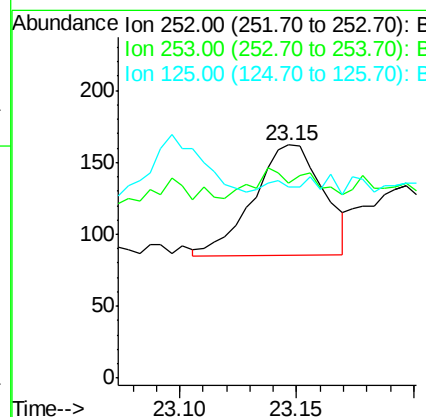
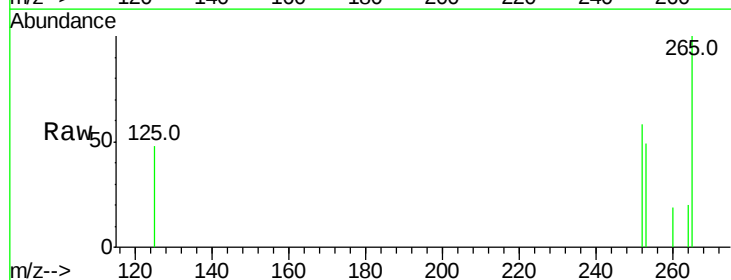
Instrument :
 BNA_E
 ClientSampleId :
 PB102941BL

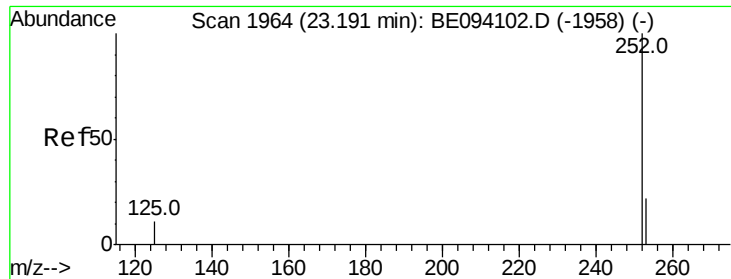
Tot Ion:264 Resp: 10509
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 28.0 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.004 ng
 RT: 23.15 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BE094183.D
 Acq: 6 Oct 2017 17:33

Tgt Ion:252 Resp: 159
 Ion Ratio Lower Upper
 252 100
 253 84.0 18.2 27.2#
 125 82.1 10.1 15.1#

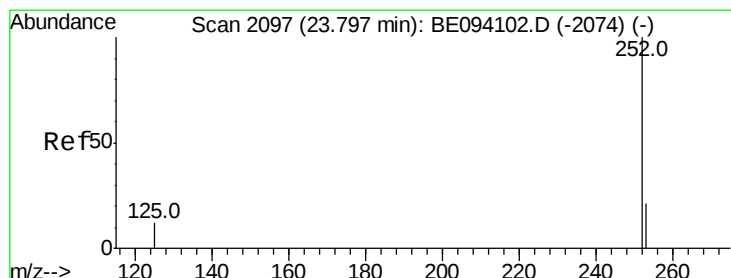
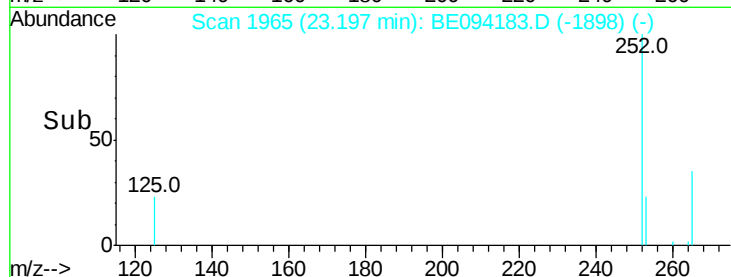
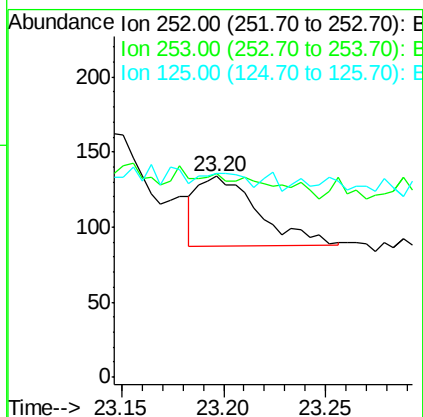
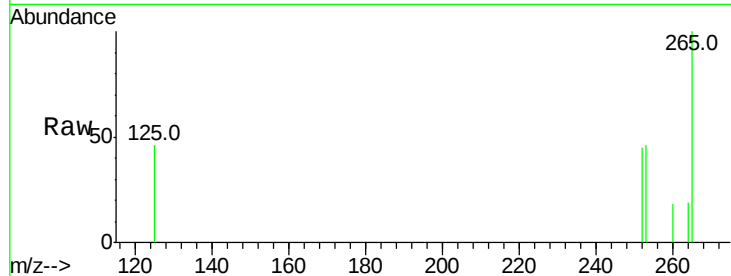




#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BE094183.D
Acq: 6 Oct 2017 17:33

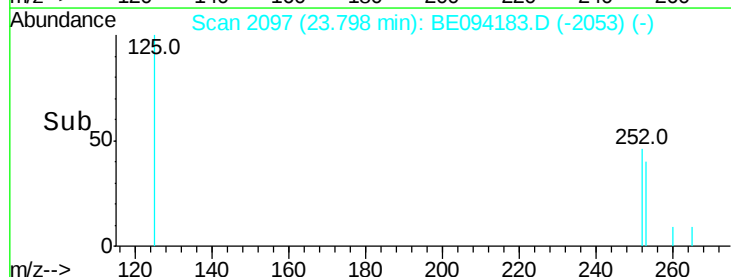
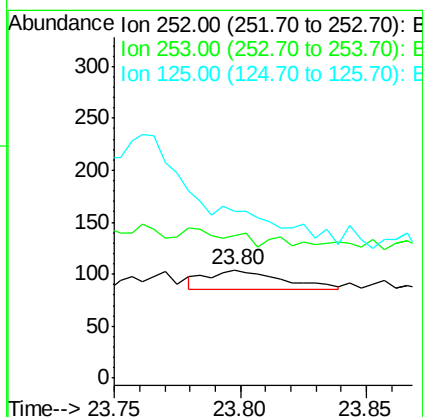
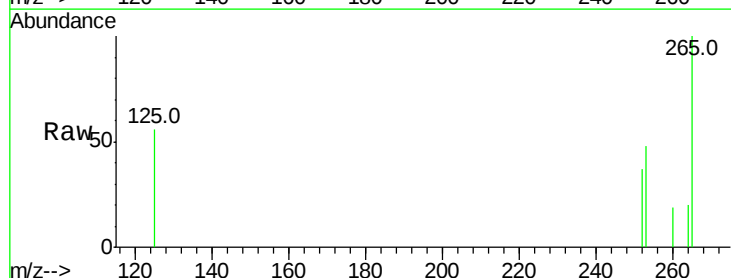
Instrument :
BNA_E
ClientSampleId :
PB102941BL

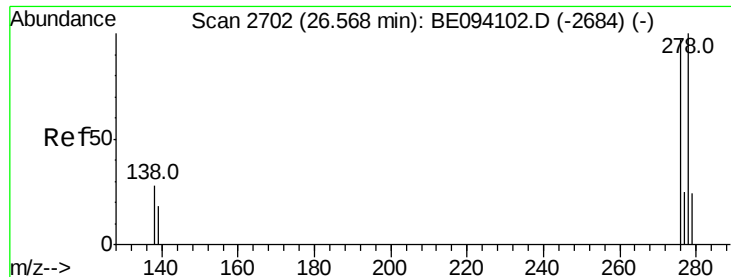
Tot Ion:252 Resp: 96
Ion Ratio Lower Upper
252 100
253 101.5 18.6 27.8#
125 101.5 10.7 16.1#



#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094183.D
Acq: 6 Oct 2017 17:33

Tgt Ion:252 Resp: 39
Ion Ratio Lower Upper
252 100
253 131.7 19.0 28.6#
125 153.8 11.8 17.8#





#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.59 min Scan# 2706

Delta R.T. 0.02 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

PB102941BL

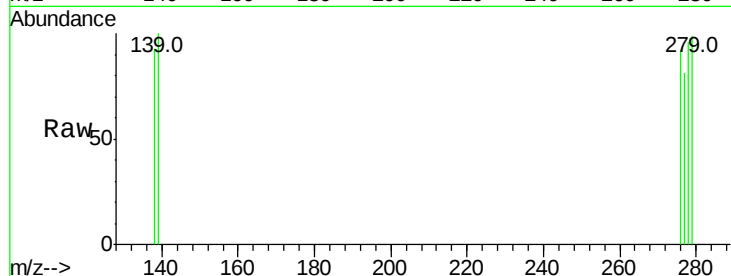
Tot Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 104.2 16.3 24.5#

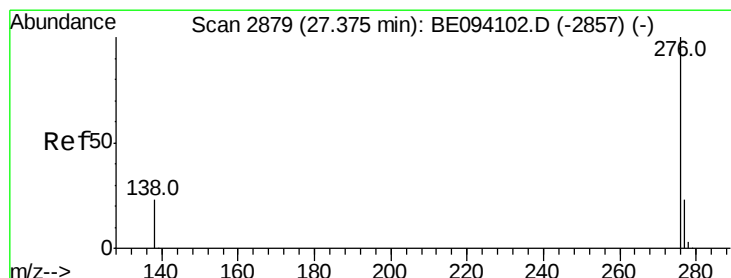
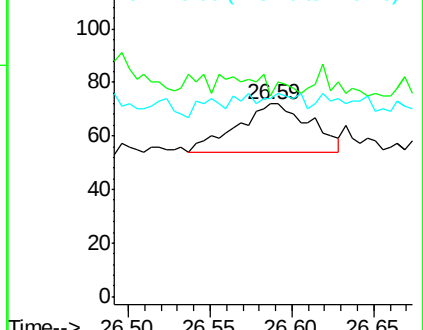
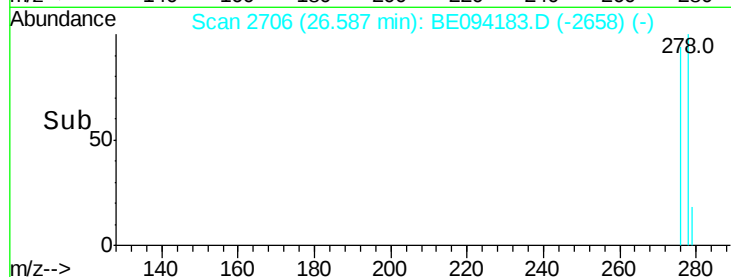
279 102.8 19.9 29.9#



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



#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.38 min Scan# 2881

Delta R.T. 0.01 min

Lab File: BE094183.D

Acq: 6 Oct 2017 17:33

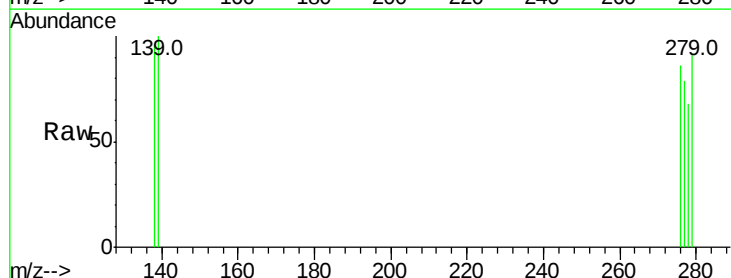
Tgt Ion:276 Resp: 52

Ion Ratio Lower Upper

276 100

277 92.4 20.8 31.2#

138 112.1 21.5 32.3#



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

