

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
 Data File : BE093699.D
 Acq On : 7 Aug 2017 13:38
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080717

Quant Time: Aug 07 14:30:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3005	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15008	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8664	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	21229	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21523	0.40	ng	0.00
34) Perylene-d12	23.91	264	18877	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.52	112	3902	0.40	ng	0.00
5) Phenol-d6	7.09	99	5753	0.39	ng	0.00
8) Nitrobenzene-d5	9.06	82	4779	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9679	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	790	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	13866	0.41	ng	0.00
25) Fluoranthene-d10	19.27	212	91635	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	15699	0.41	ng	0.00

Target Compounds

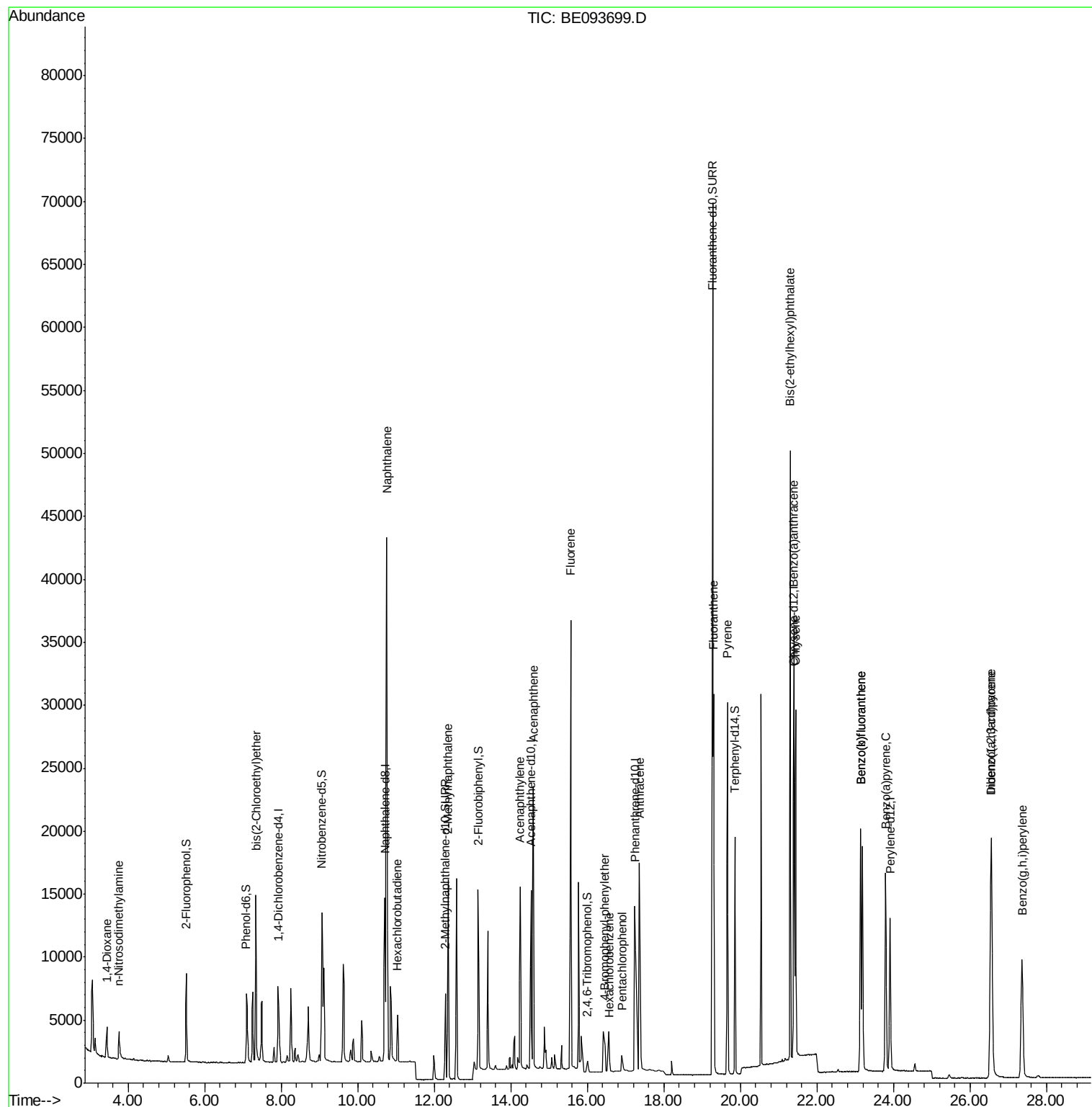
						Qvalue
2) 1,4-Dioxane	3.44	88	1829	0.404	ng	97
3) n-Nitrosodimethylamine	3.75	42	1889	0.402	ng	99
6) bis(2-Chloroethyl)ether	7.34	93	4603	0.401	ng	# 100
9) Naphthalene	10.76	128	68663	0.399	ng	99
10) Hexachlorobutadiene	11.04	225	2537	0.397	ng	99
12) 2-Methylnaphthalene	12.36	142	11460	0.395	ng	99
16) Acenaphthylene	14.24	152	16784	0.385	ng	# 87
17) Acenaphthene	14.58	154	11519	0.392	ng	99
18) Fluorene	15.56	166	14811	0.390	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	2437	0.406	ng	90
21) Hexachlorobenzene	16.58	284	2515	0.393	ng	# 100
22) Pentachlorophenol	16.91	266	1432	0.319	ng	97
24) Anthracene	17.37	178	43457	0.633	ng	# 91
26) Fluoranthene	19.30	202	27787	0.375	ng	99
28) Pyrene	19.66	202	28405	0.403	ng	# 99
30) Benzo(a)anthracene	21.39	228	26429	0.387	ng	95
31) Chrysene	21.45	228	27445	0.394	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	49230	0.336	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	27108	0.404	ng	93
35) Benzo(b)fluoranthene	23.14	252	26166	0.400	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	26198	0.401	ng	95
37) Benzo(a)pyrene	23.80	252	24666	0.399	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	23024	0.398	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	22936	0.395	ng	93

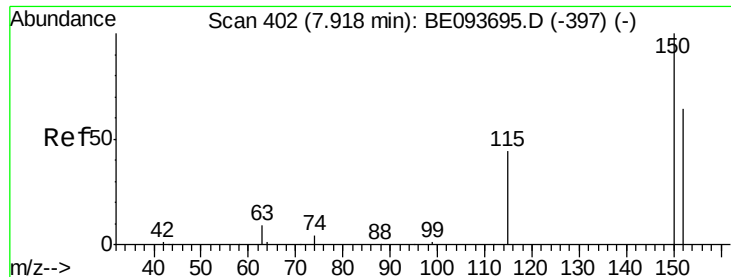
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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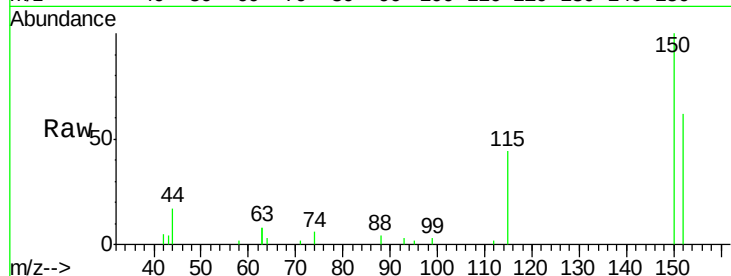


#1

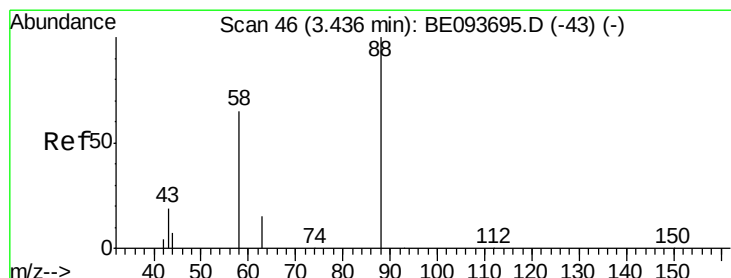
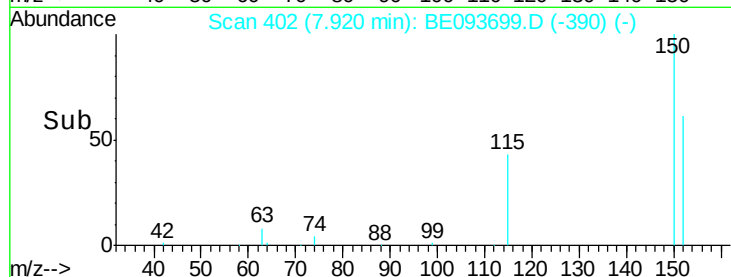
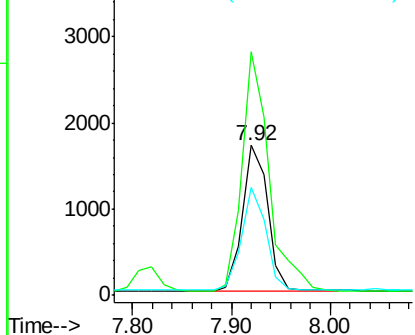
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

Instrument :
BNA_E
ClientSampleId :
ICVBE080717

Tgt Ion:152 Resp: 3005
Ion Ratio Lower Upper
152 100
150 162.3 125.1 187.7
115 71.7 55.7 83.5



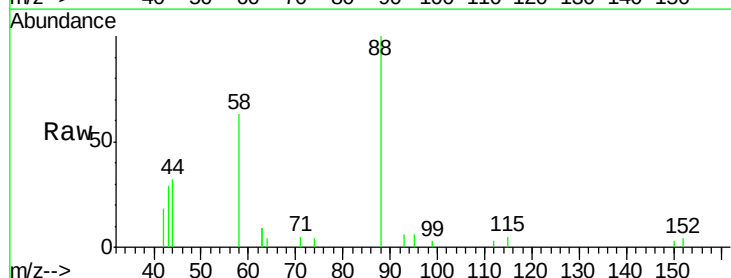
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



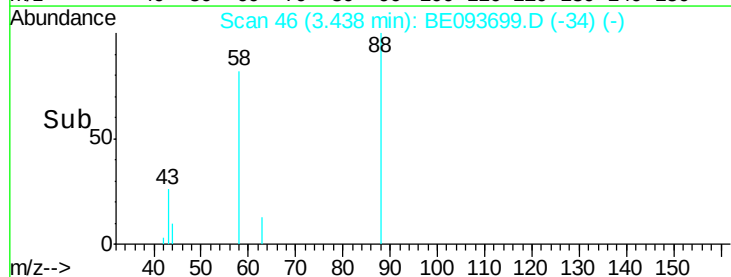
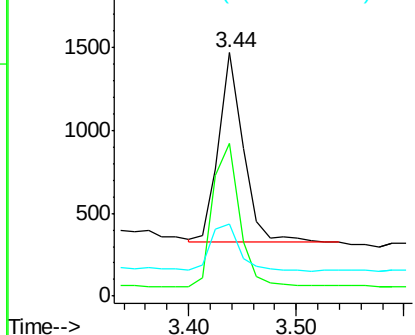
#2

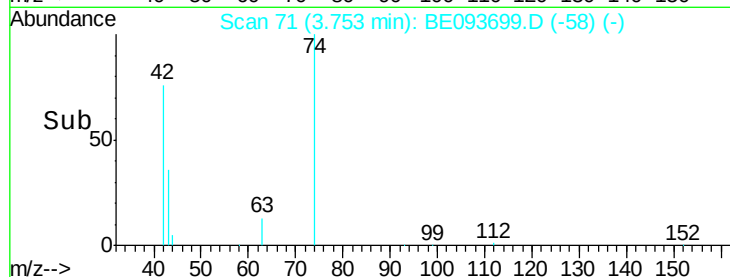
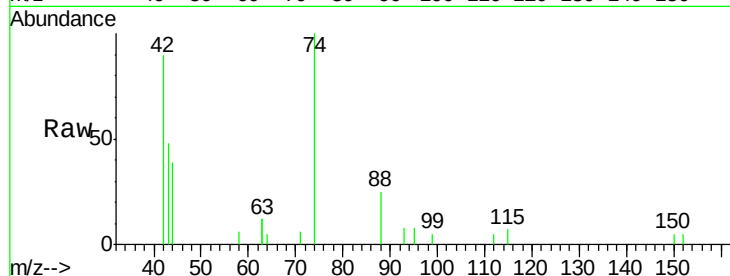
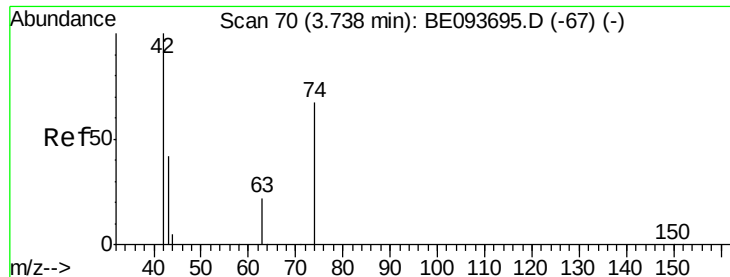
1,4-Dioxane
Concen: 0.404 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

Tgt Ion: 88 Resp: 1829
Ion Ratio Lower Upper
88 100
58 81.5 62.2 93.4
43 29.6 23.2 34.8



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

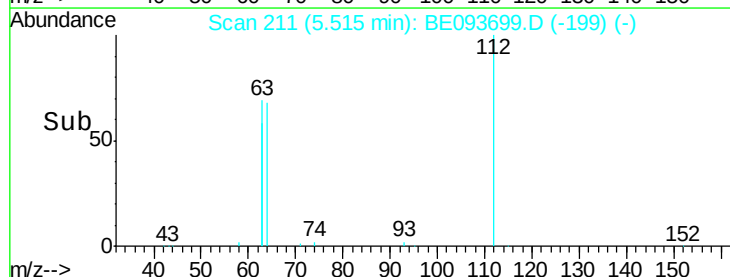
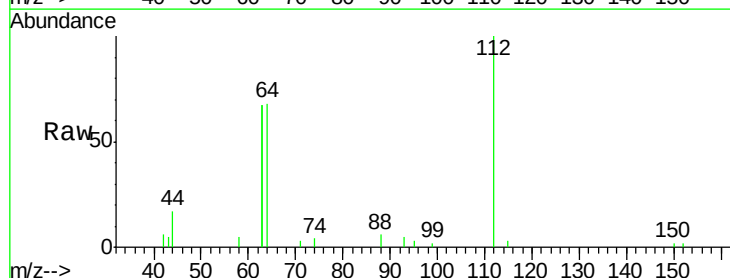
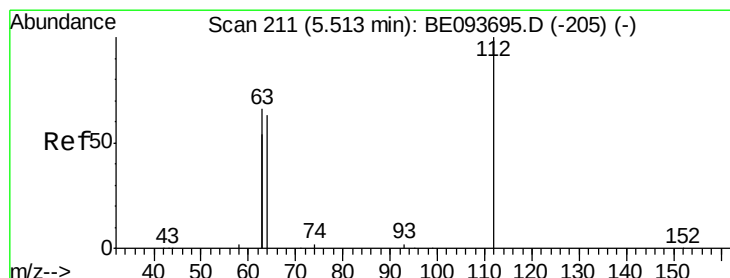
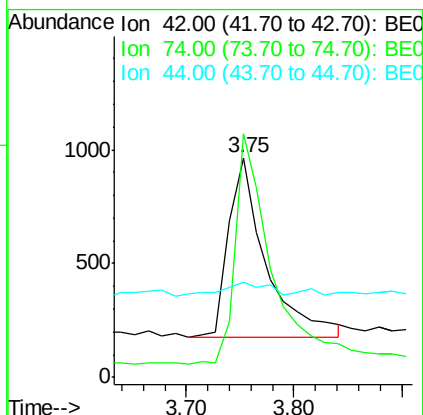




#3
n-Nitrosodimethylamine
Concen: 0.402 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

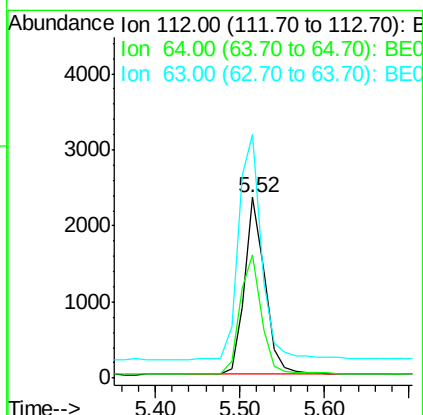
Instrument :
BNA_E
ClientSampleId :
ICVBE080717

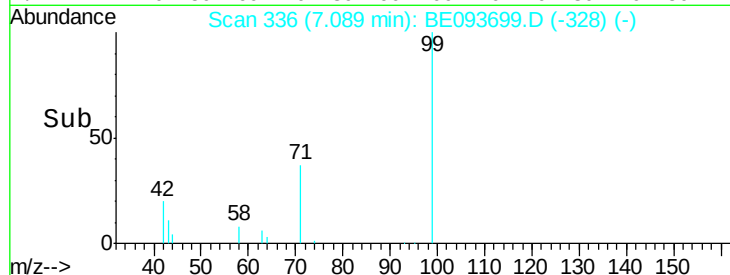
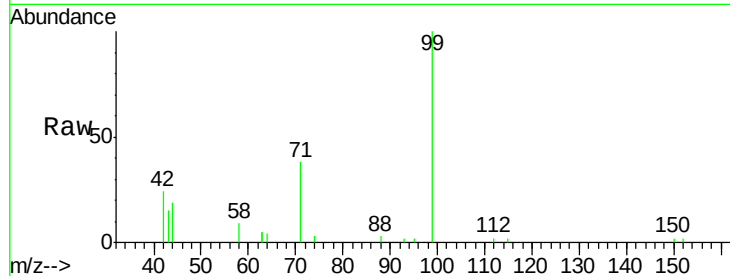
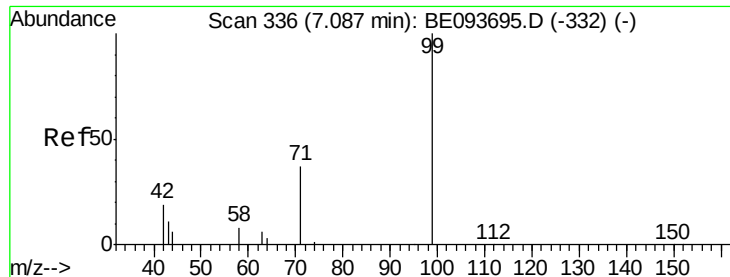
Tgt Ion: 42 Resp: 1889
Ion Ratio Lower Upper
42 100
74 125.3 99.1 148.7
44 8.3 7.4 11.2



#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

Tgt Ion: 112 Resp: 3902
Ion Ratio Lower Upper
112 100
64 72.4 56.4 84.6
63 145.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.388 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

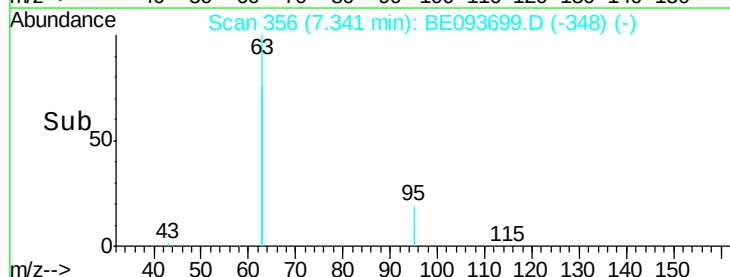
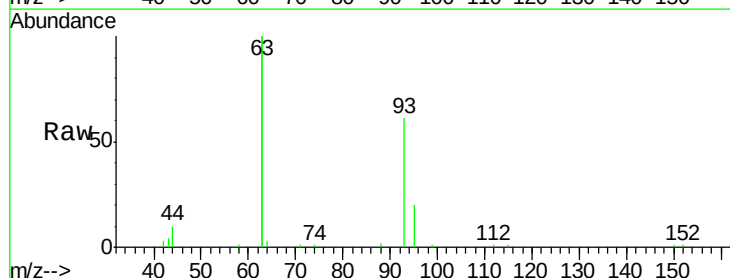
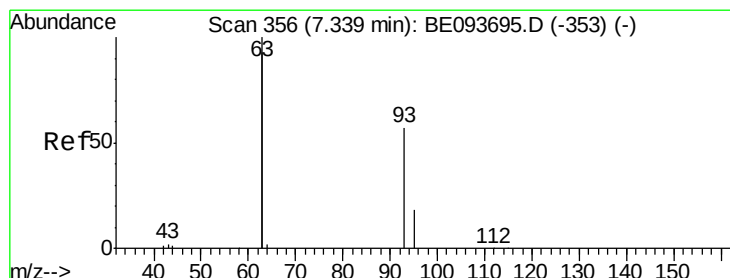
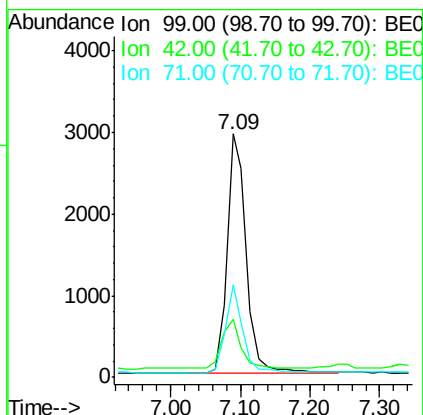
Tgt Ion: 99 Resp: 5753

Ion Ratio Lower Upper

99 100

42 20.1 0.0 0.0#

71 33.4 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

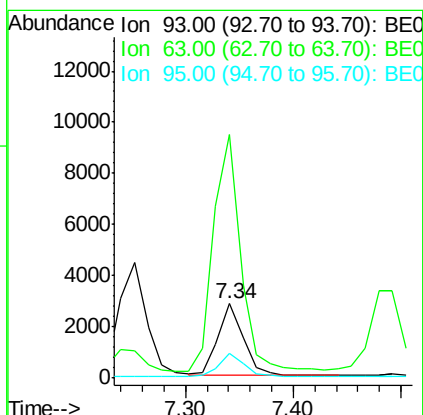
Tgt Ion: 93 Resp: 4603

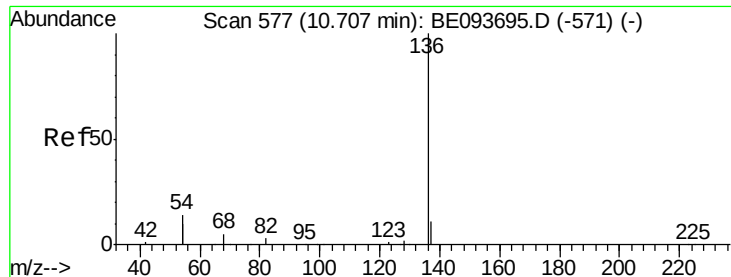
Ion Ratio Lower Upper

93 100

63 350.1 0.0 0.0#

95 31.9 25.4 38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

Tgt Ion:136 Resp: 15008

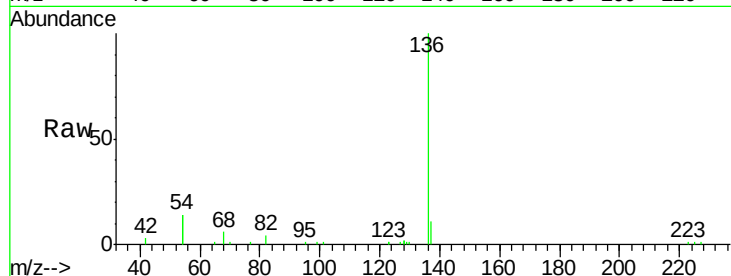
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 28.1 10.3 15.5#

68 6.0 9.0 13.4#

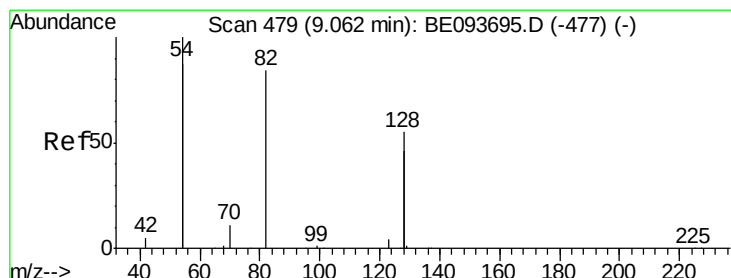
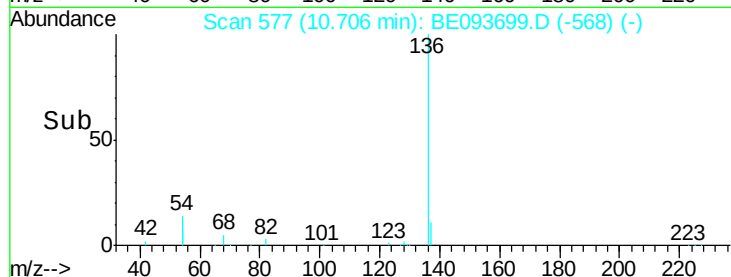
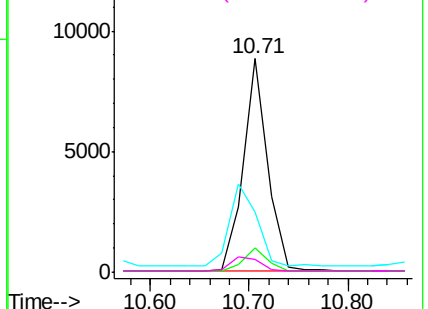


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

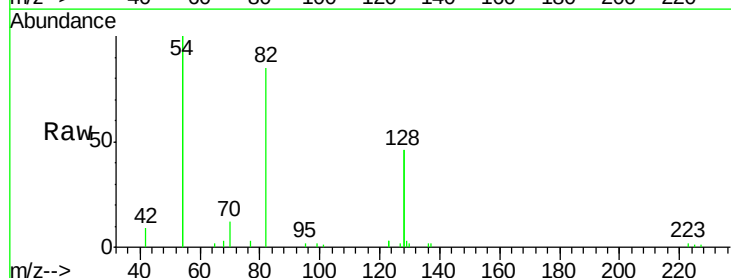
Tgt Ion: 82 Resp: 4779

Ion Ratio Lower Upper

82 100

128 108.0 17.0 25.4#

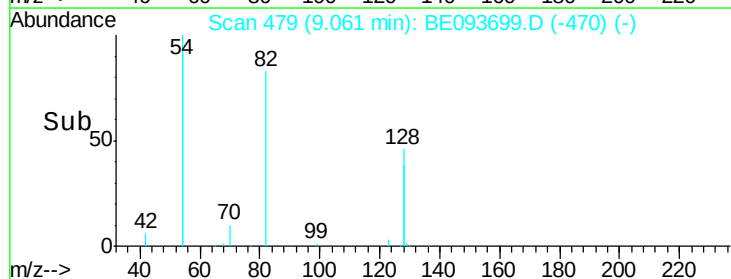
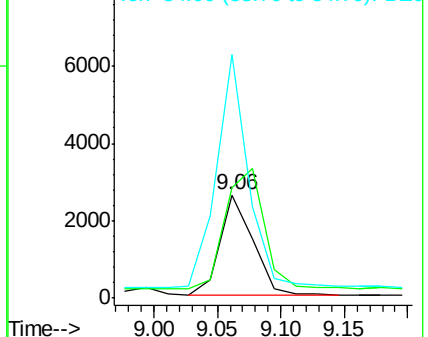
54 236.6 53.8 80.6#

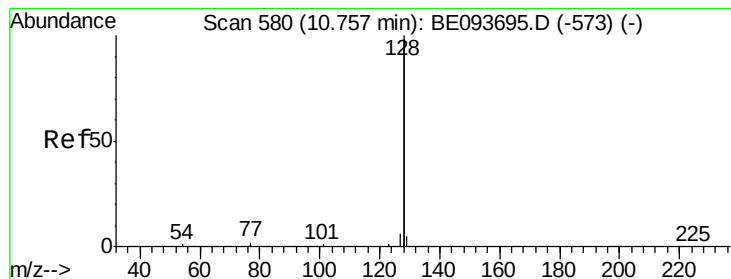


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

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ClientSampleId :

ICVBE080717

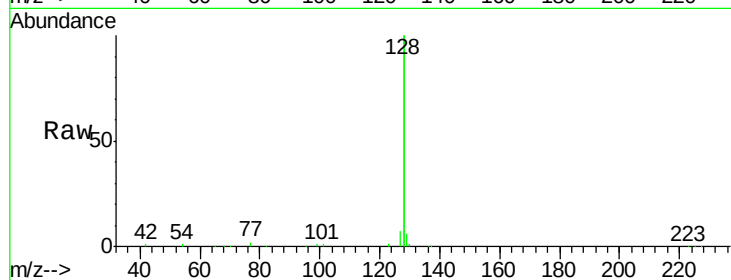
Tgt Ion:128 Resp: 68663

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

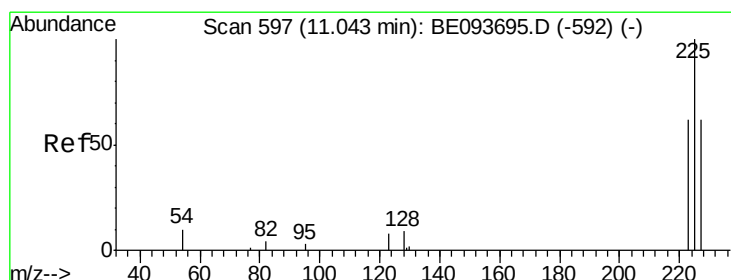
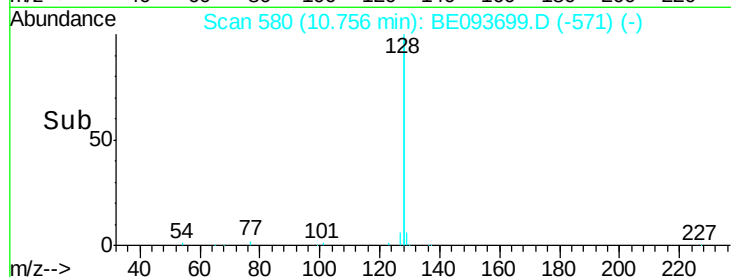
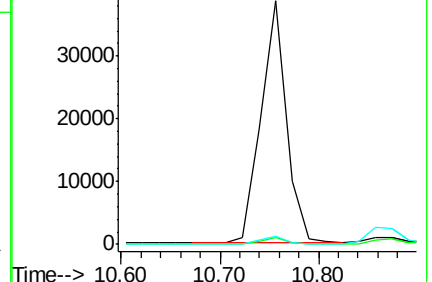
127 3.3 2.4 3.6



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



#10

Hexachlorobutadiene

Concen: 0.397 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

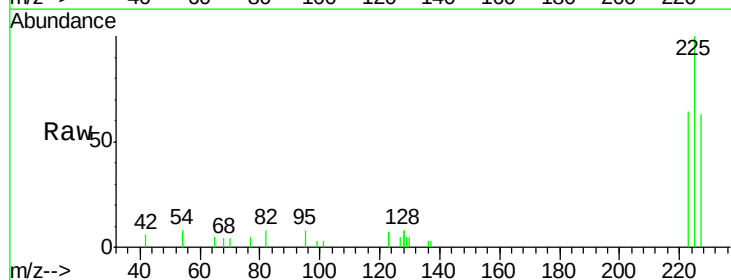
Tgt Ion:225 Resp: 2537

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

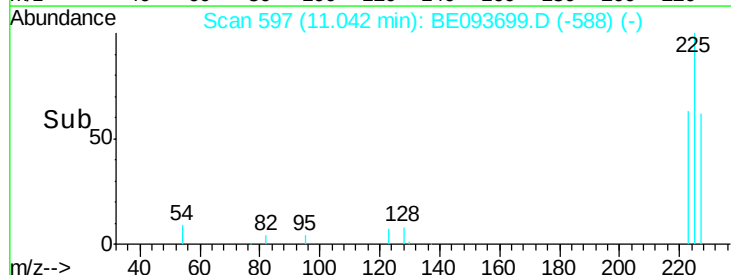
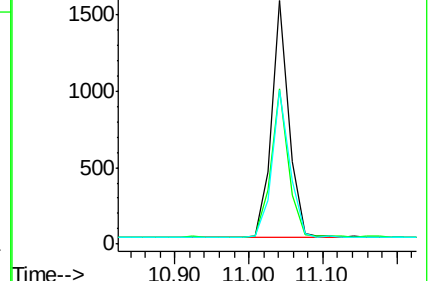
227 63.7 50.3 75.5

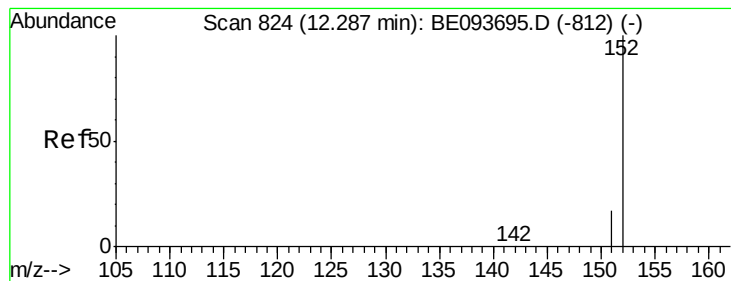


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

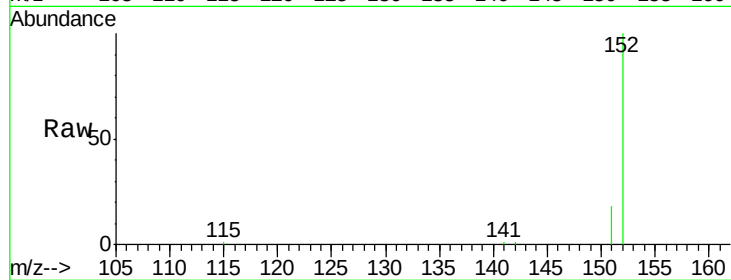
ICVBE080717

Tgt Ion:152 Resp: 9679

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

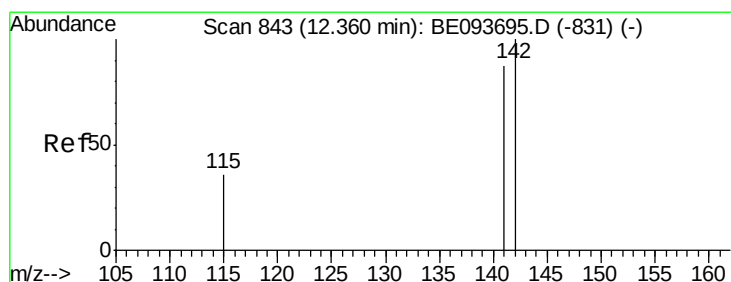
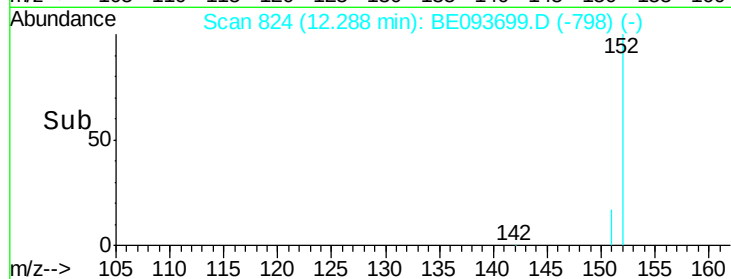
6000

4000

2000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

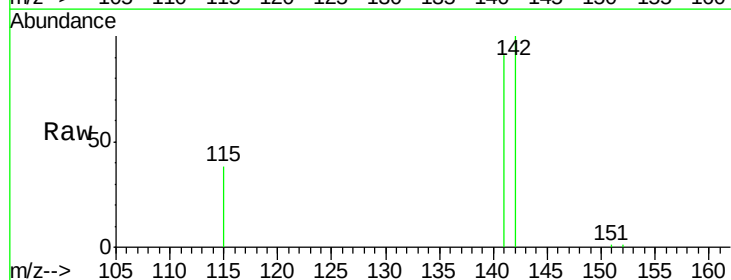
Tgt Ion:142 Resp: 11460

Ion Ratio Lower Upper

142 100

141 90.6 72.6 108.8

115 38.3 32.2 48.2



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

12.36

8000

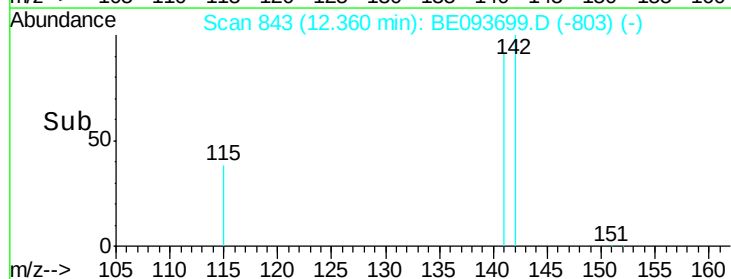
6000

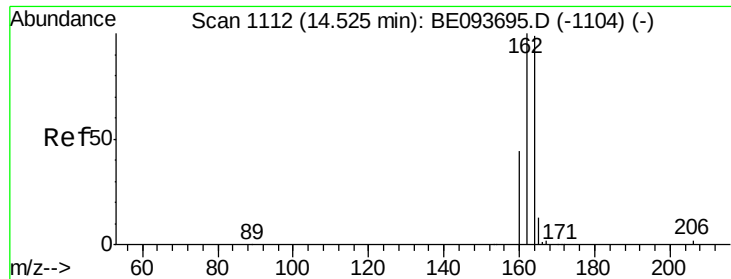
4000

2000

0

Time--> 12.30 12.40 12.50

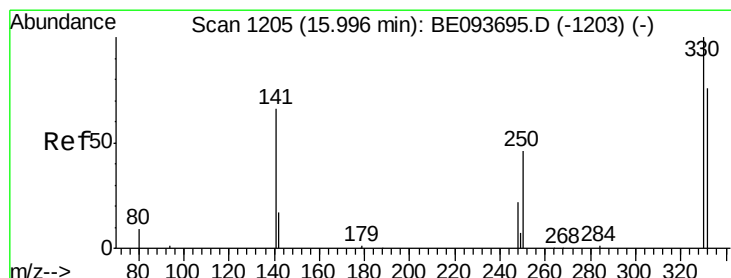
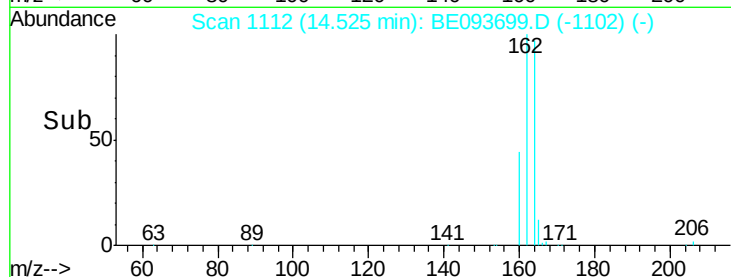
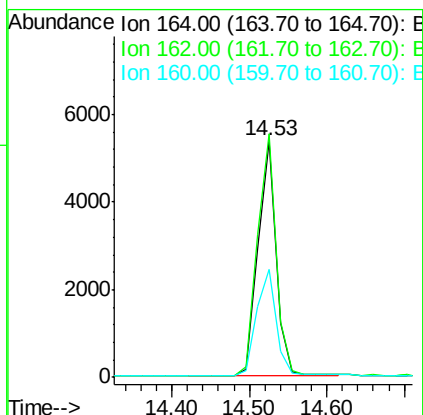
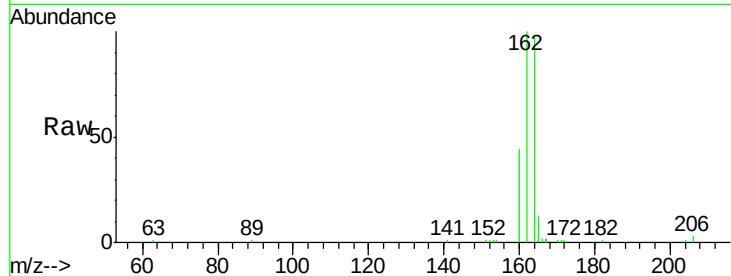




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

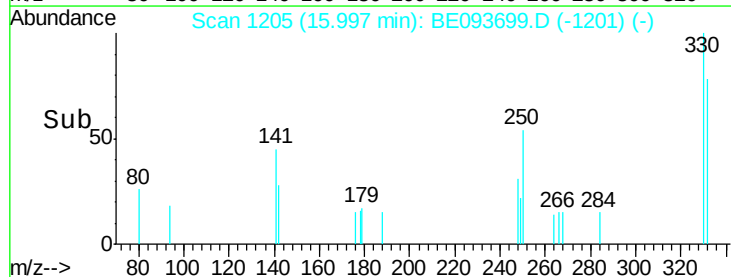
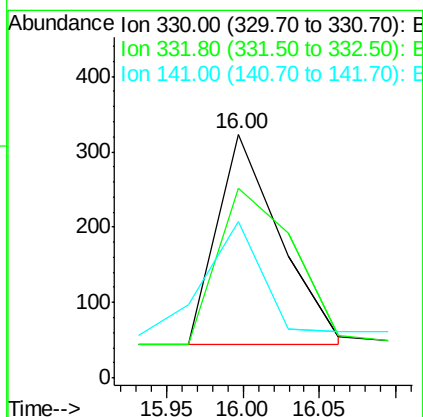
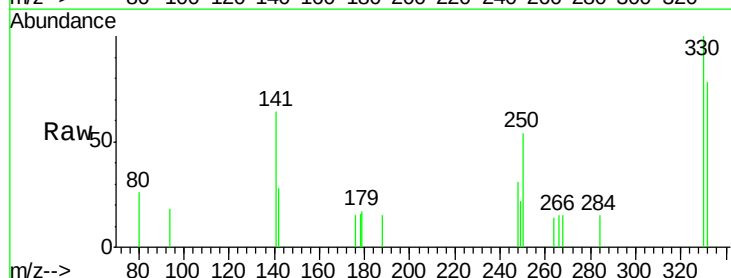
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080717

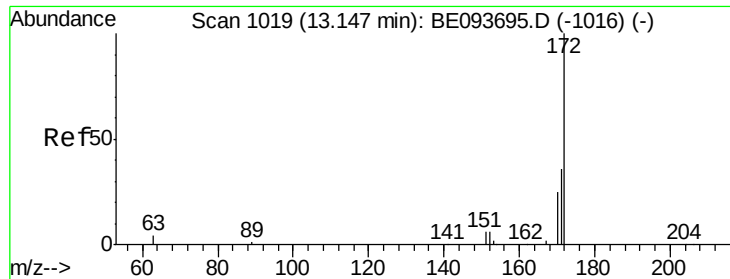
Tgt Ion:164 Resp: 8664
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.6 127.0
 160 45.6 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.333 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

Tgt Ion:330 Resp: 790
 Ion Ratio Lower Upper
 330 100
 332 91.1 77.7 116.5
 141 50.3 56.2 84.4#

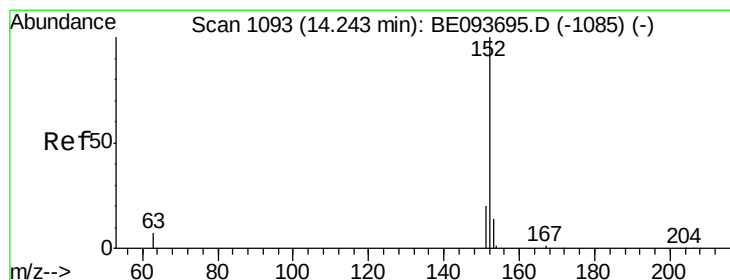
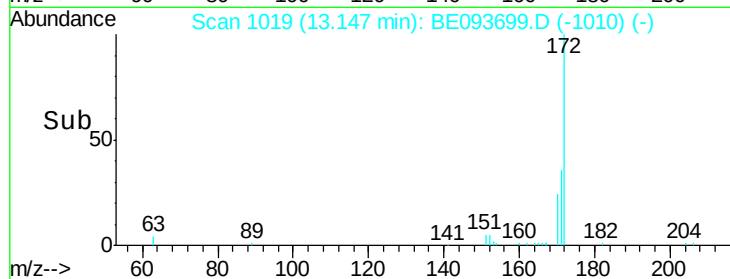
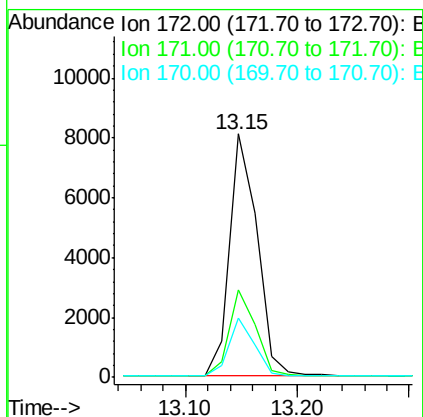
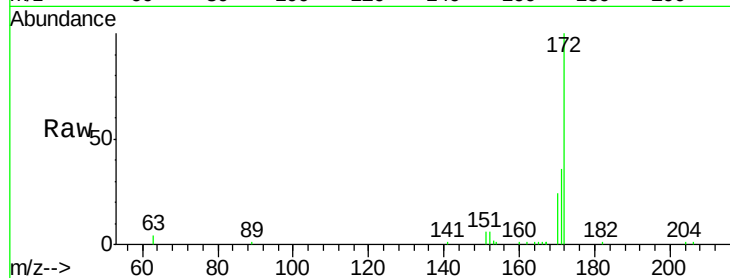




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

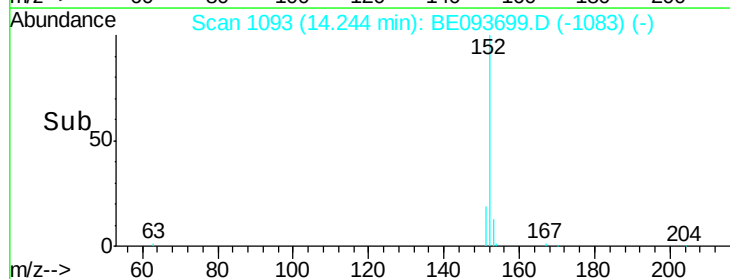
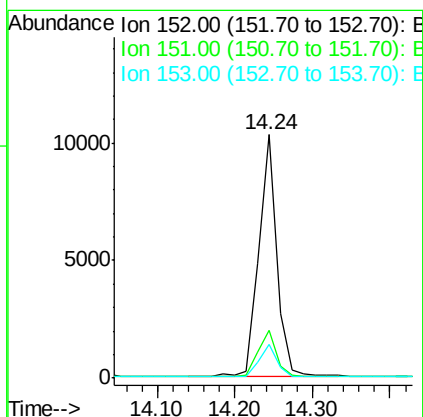
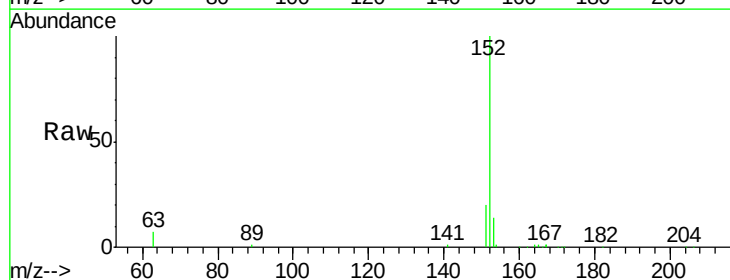
Instrument :
BNA_E
ClientSampleId :
ICVBE080717

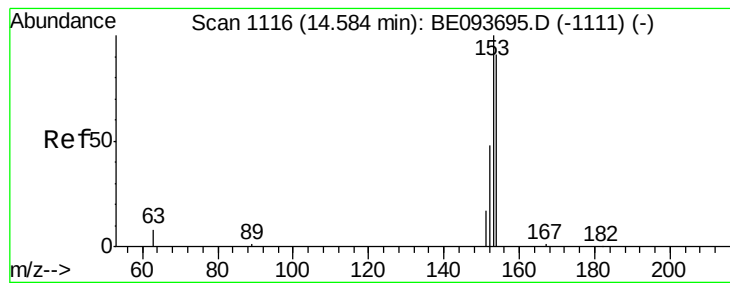
Tgt Ion:172 Resp: 13866
Ion Ratio Lower Upper
172 100
171 35.8 29.8 44.6
170 24.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 13:38

Tgt Ion:152 Resp: 16784
Ion Ratio Lower Upper
152 100
151 19.7 4.0 6.0#
153 13.3 10.3 15.5





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

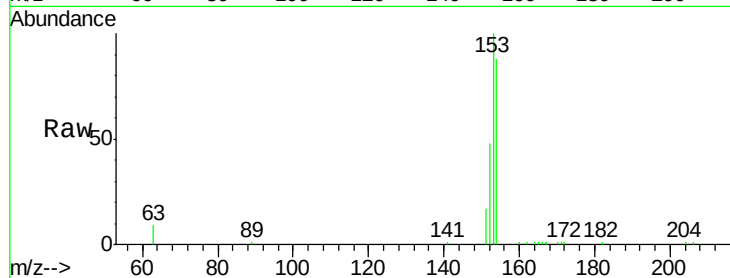
Tgt Ion:154 Resp: 11519

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

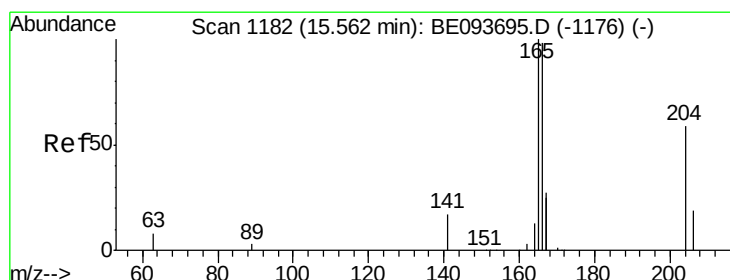
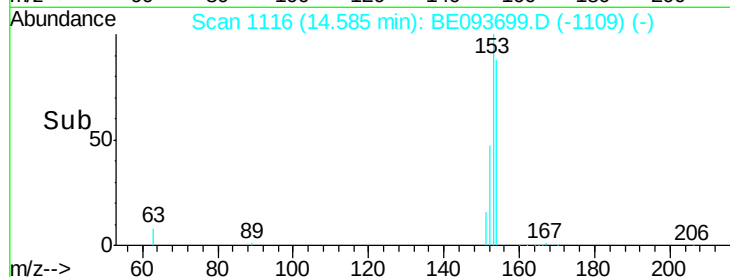
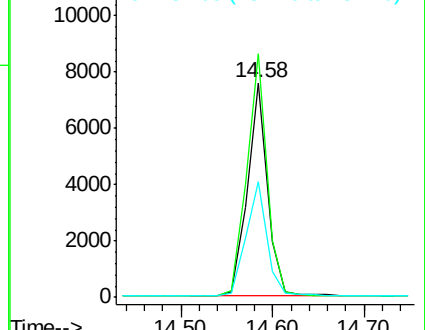
152 55.5 44.8 67.2



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: 0.390 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

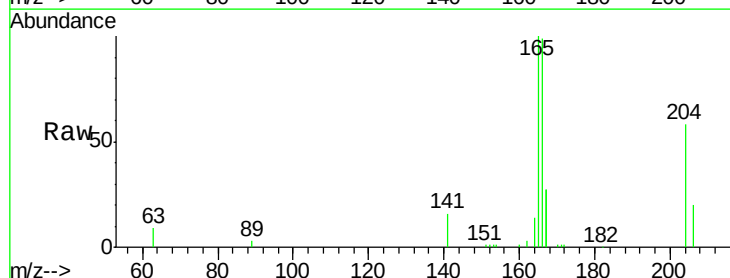
Tgt Ion:166 Resp: 14811

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

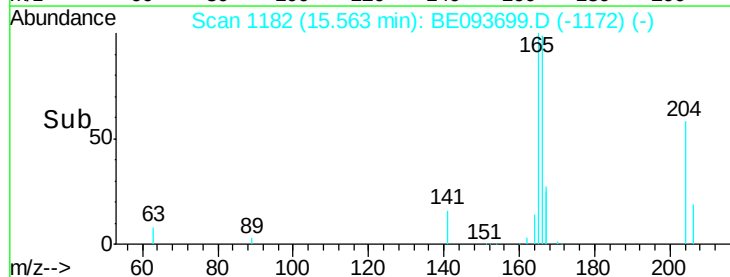
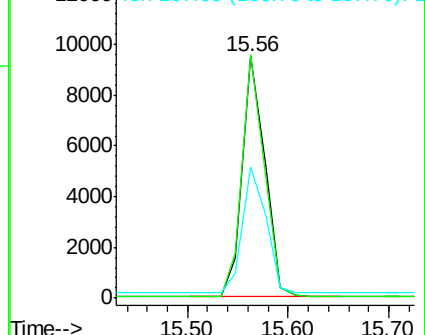
167 54.6 11.1 16.7#

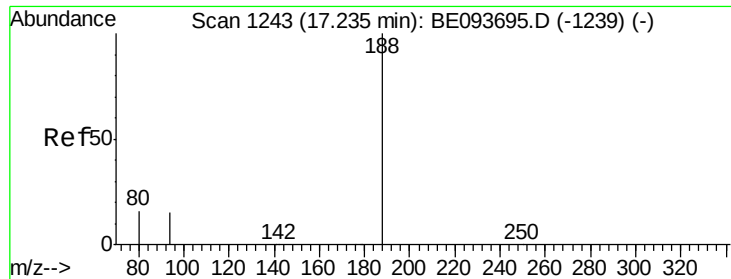


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

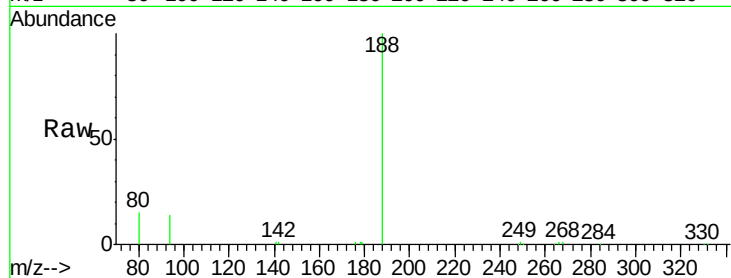
Tgt Ion:188 Resp: 21229

Ion Ratio Lower Upper

188 100

94 14.2 11.3 16.9

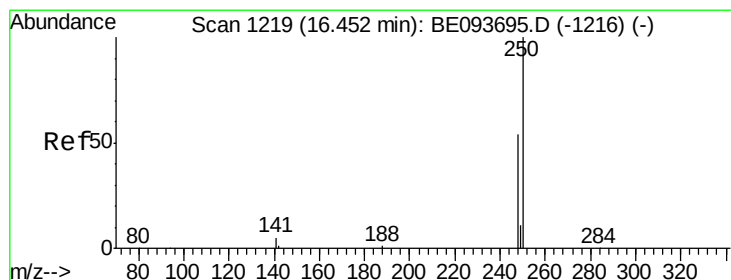
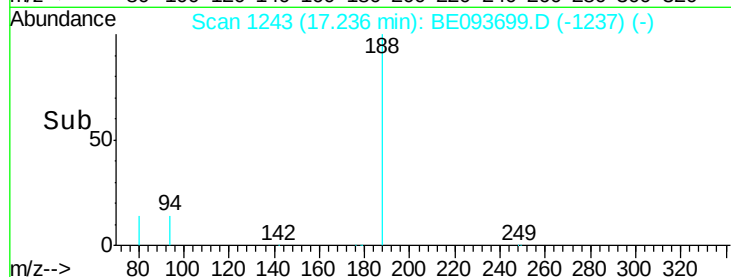
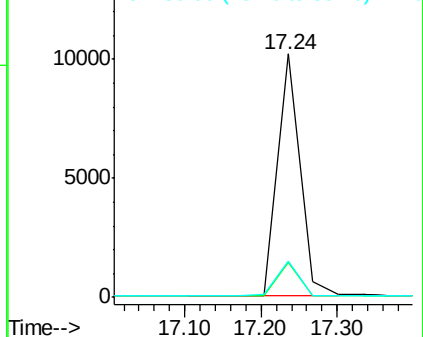
80 15.1 11.7 17.5



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: 0.406 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

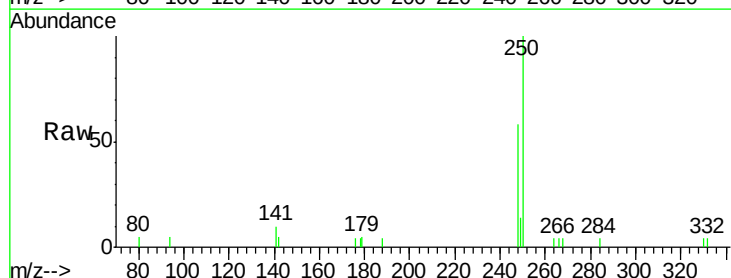
Tgt Ion:248 Resp: 2437

Ion Ratio Lower Upper

248 100

250 173.6 128.0 192.0

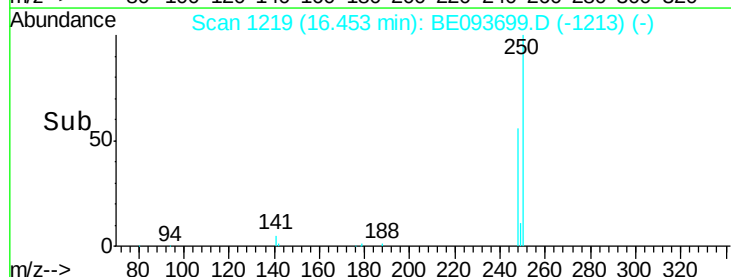
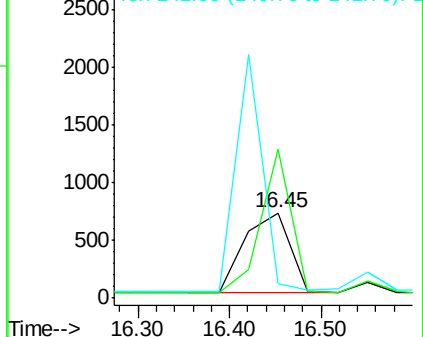
141 17.1 12.0 18.0

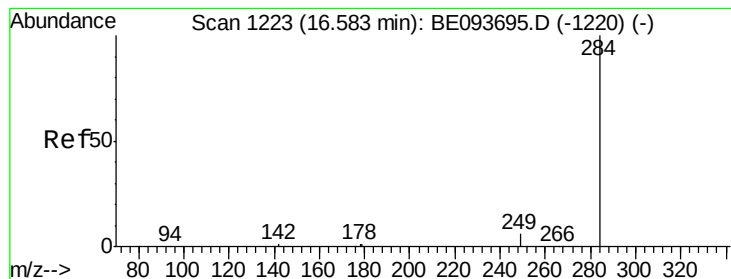


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

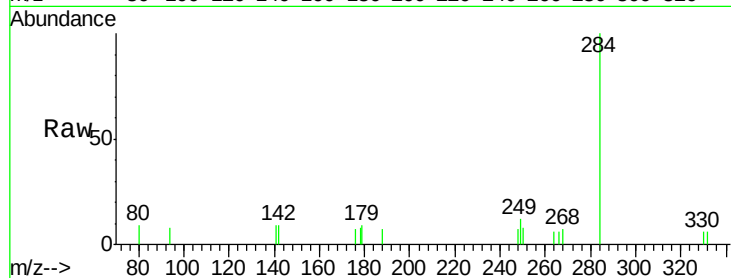
Tgt Ion:284 Resp: 2515

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

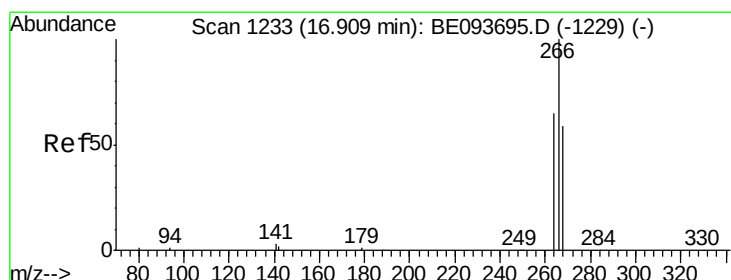
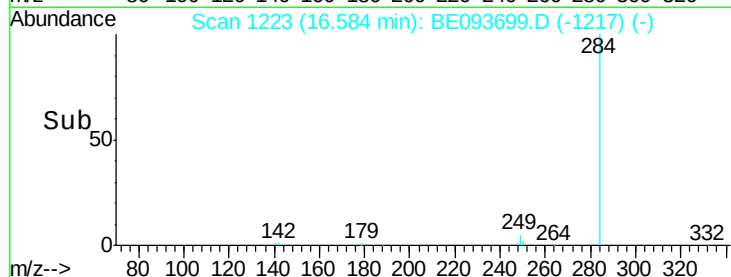
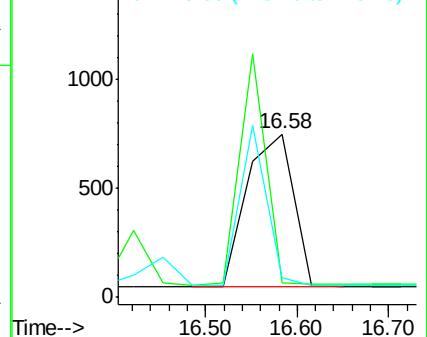
249 0.0 0.0 0.0



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: 0.319 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

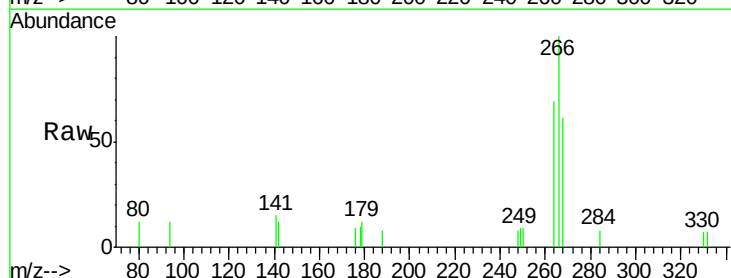
Tgt Ion:266 Resp: 1432

Ion Ratio Lower Upper

266 100

264 68.7 56.0 84.0

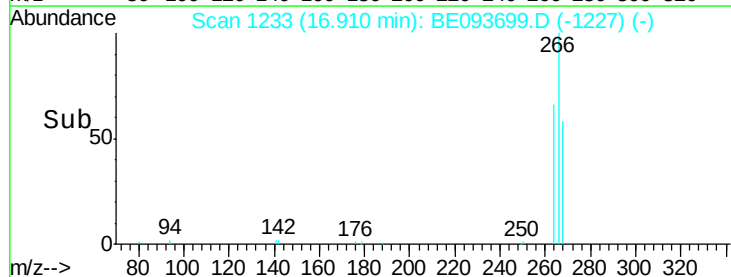
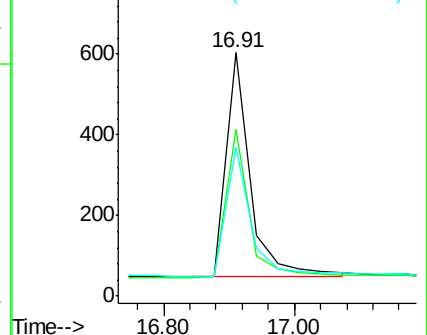
268 61.4 52.0 78.0

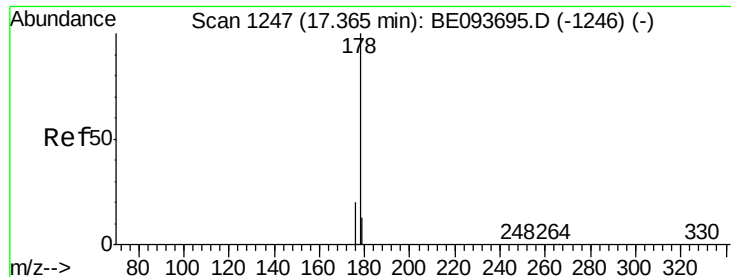


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.633 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

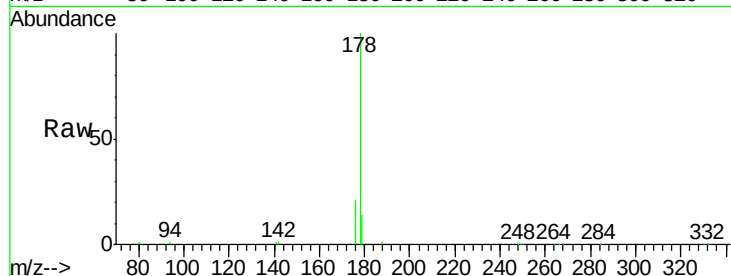
Tgt Ion:178 Resp: 43457

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

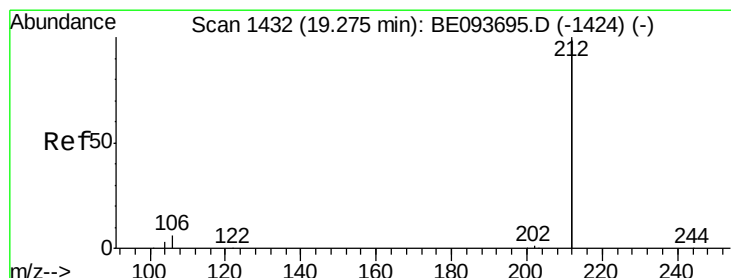
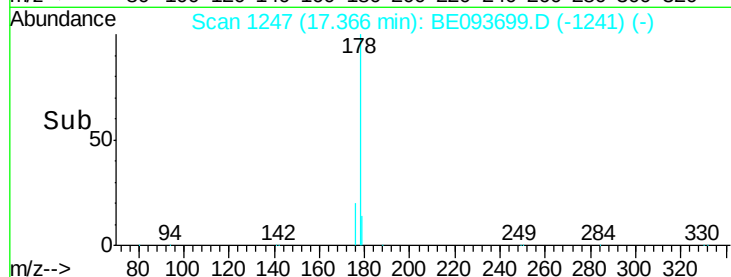
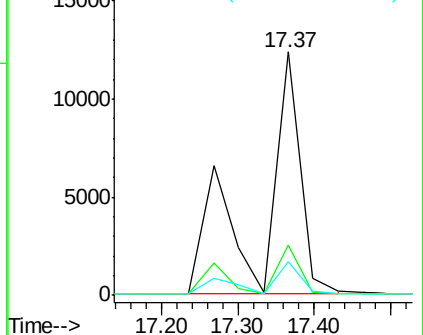
179 13.9 12.0 18.0



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-d10

Concen: 0.378 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

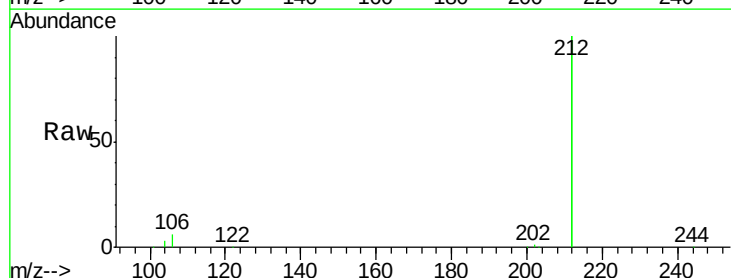
Tgt Ion:212 Resp: 91635

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

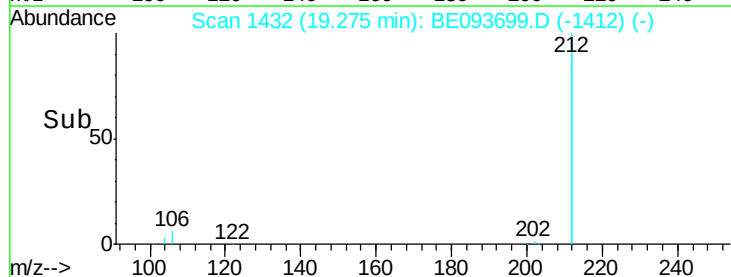
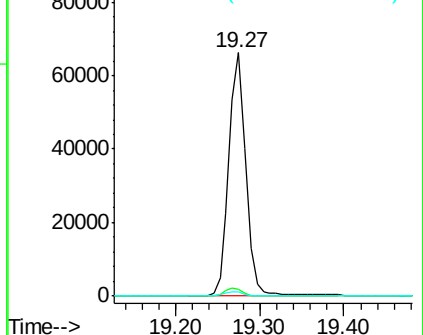
104 1.9 1.6 2.4

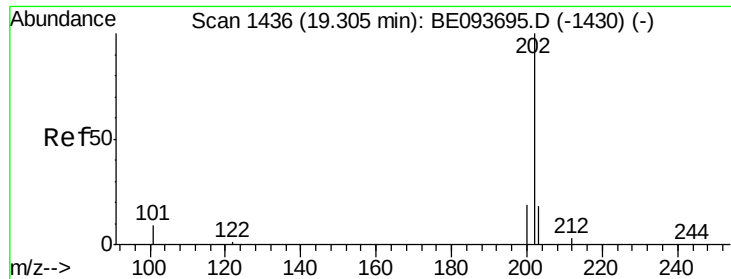


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

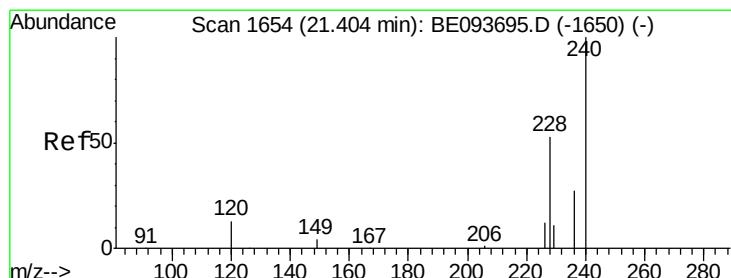
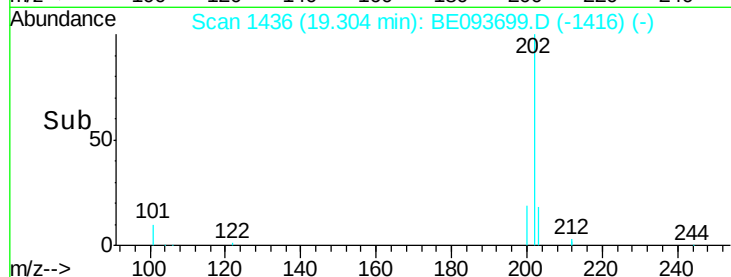
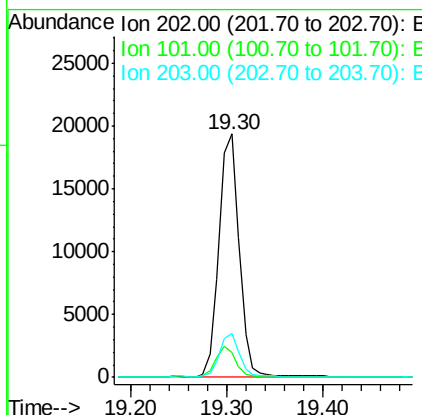
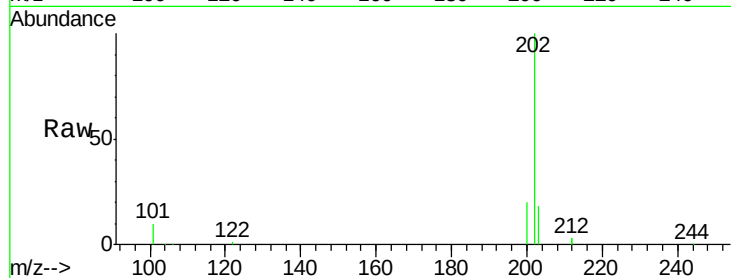




#26
 Fluoranthene
 Concen: 0.375 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

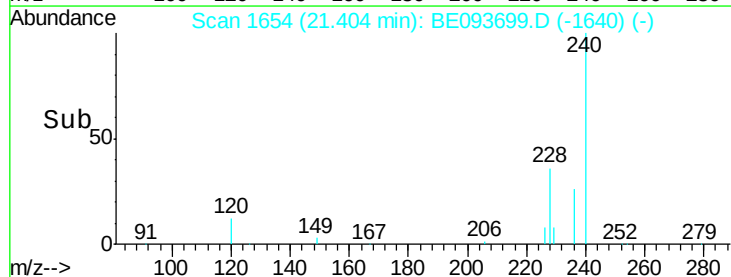
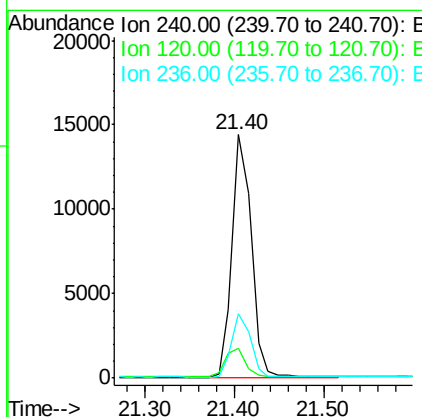
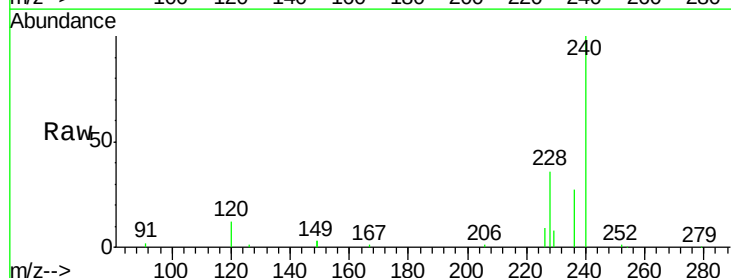
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080717

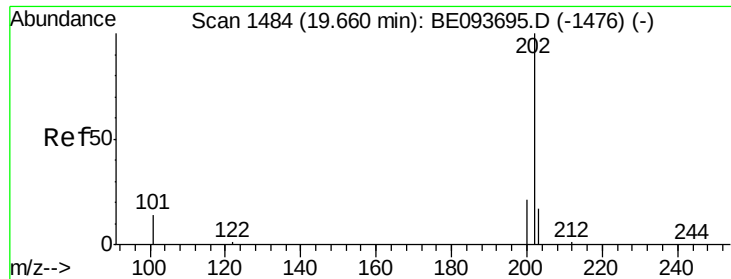
Tgt Ion:202 Resp: 27787
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.6 14.4
 203 17.4 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

Tgt Ion:240 Resp: 21523
 Ion Ratio Lower Upper
 240 100
 120 12.4 4.6 7.0#
 236 26.7 20.8 31.2





#28

Pyrene

Concen: 0.403 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

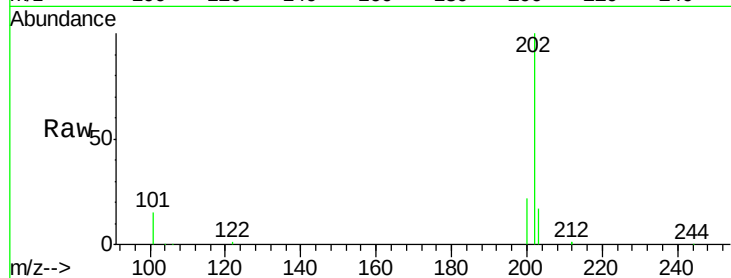
Tgt Ion:202 Resp: 28405

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

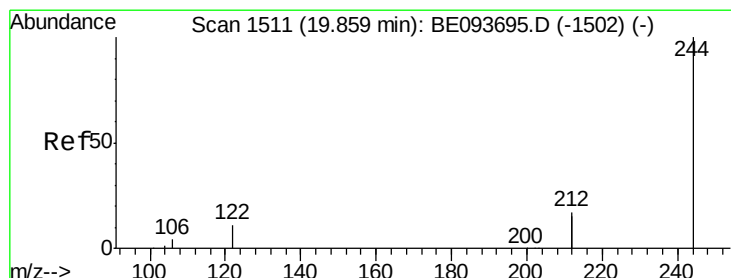
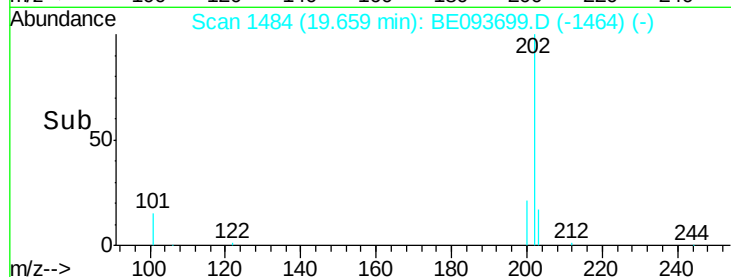
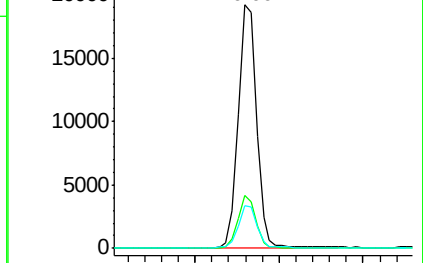
203 17.4 13.7 20.5



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: 0.409 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

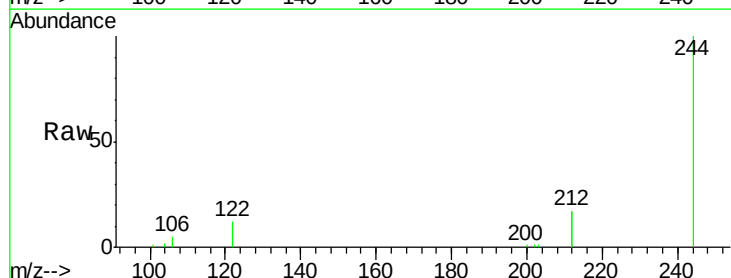
Tgt Ion:244 Resp: 15699

Ion Ratio Lower Upper

244 100

212 33.9 10.6 16.0#

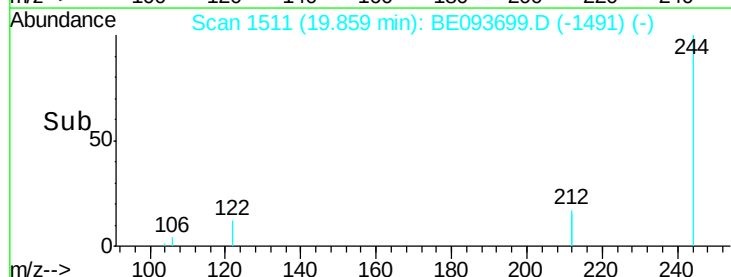
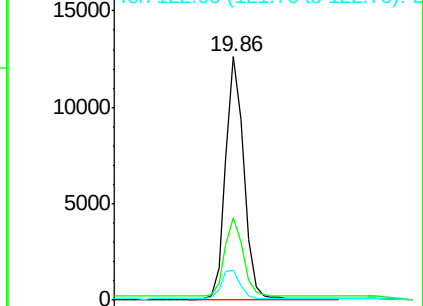
122 12.2 15.4 23.0#

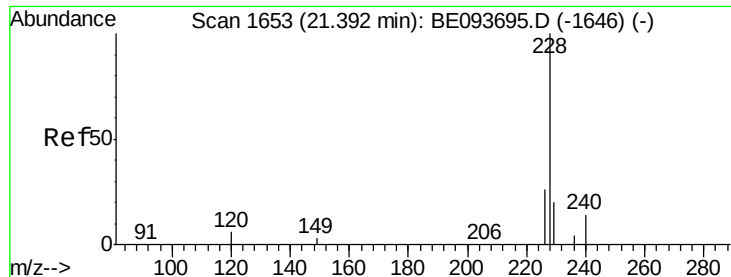


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.387 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

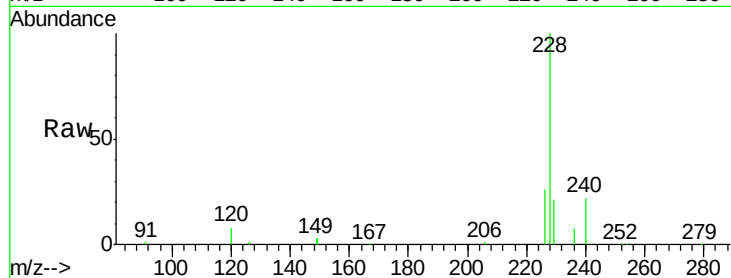
Tgt Ion:228 Resp: 26429

Ion Ratio Lower Upper

228 100

226 26.1 19.7 29.5

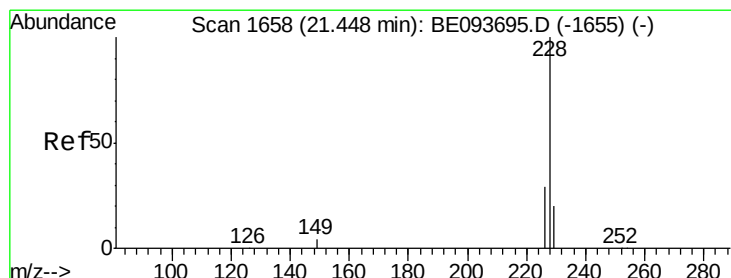
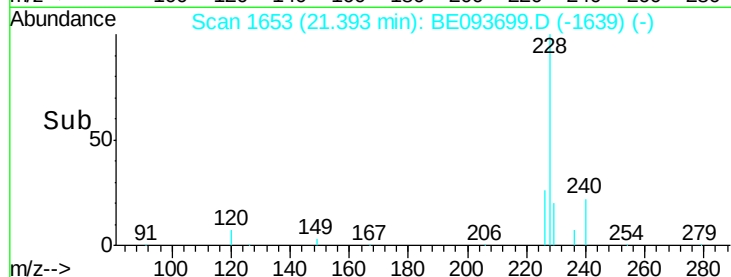
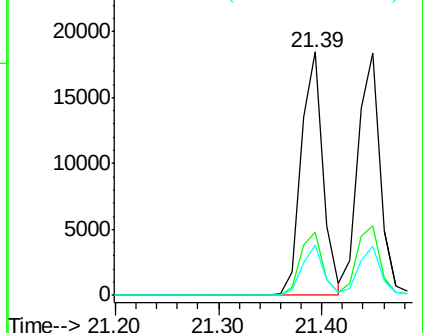
229 20.6 19.2 28.8



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: 0.394 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

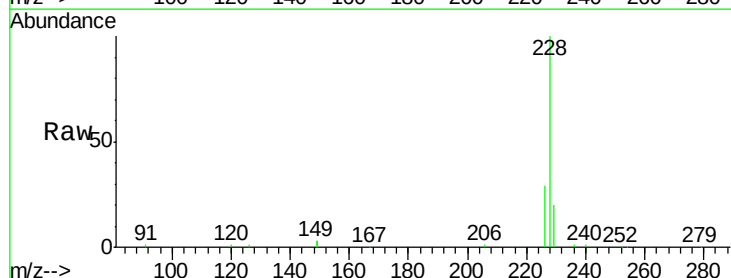
Tgt Ion:228 Resp: 27445

Ion Ratio Lower Upper

228 100

226 28.8 21.5 32.3

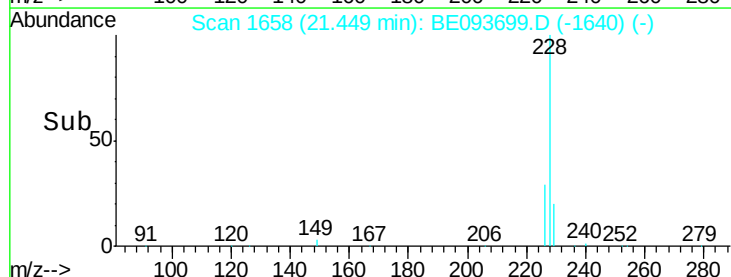
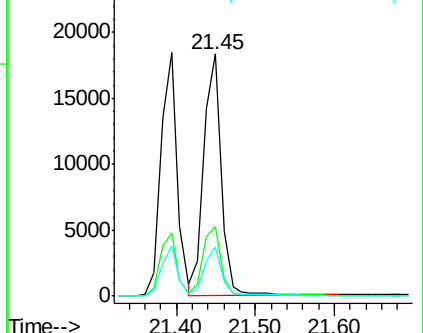
229 20.2 18.6 28.0

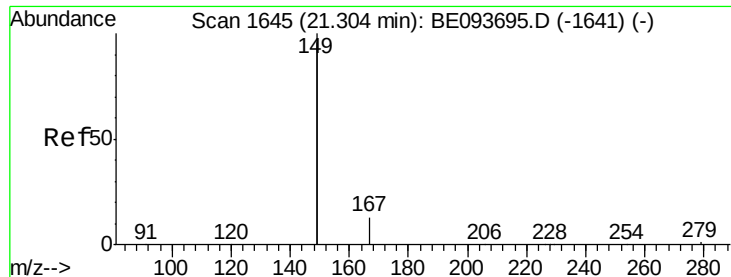


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

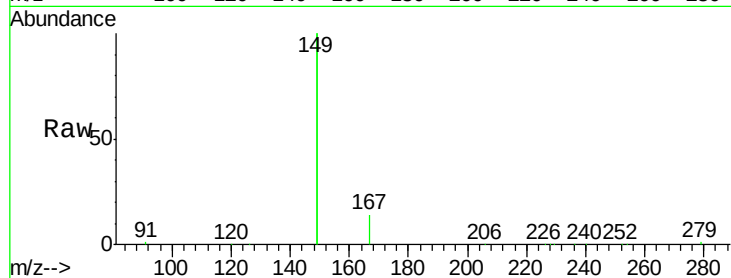
Tgt Ion:149 Resp: 49230

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

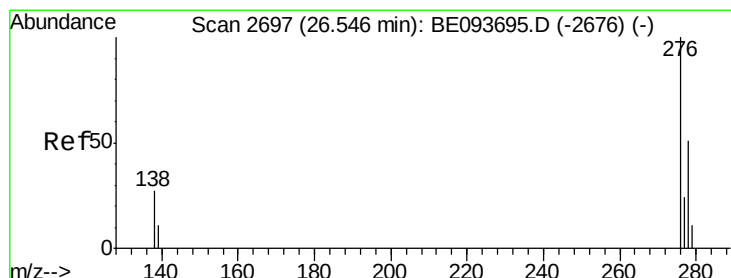
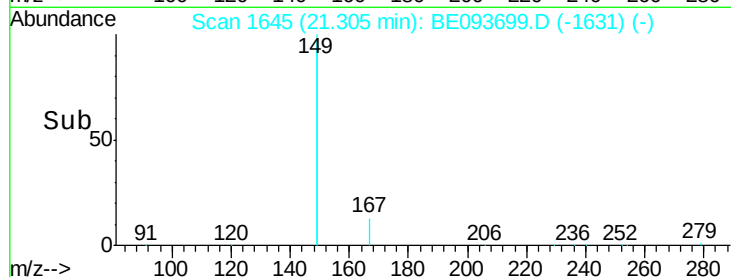
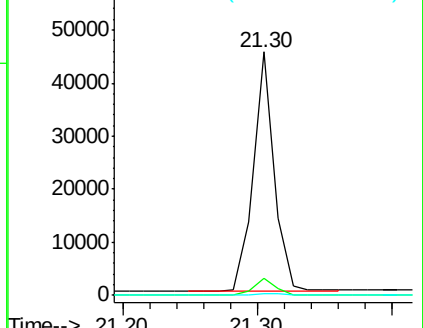
279 0.9 0.8 1.2



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: 0.404 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

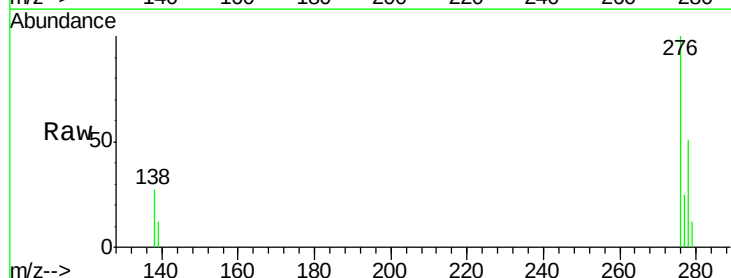
Tgt Ion:276 Resp: 27108

Ion Ratio Lower Upper

276 100

138 28.1 27.4 41.2

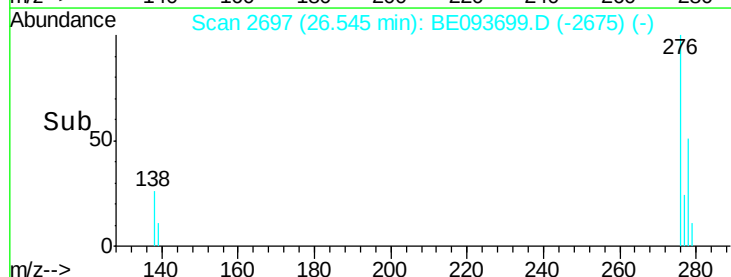
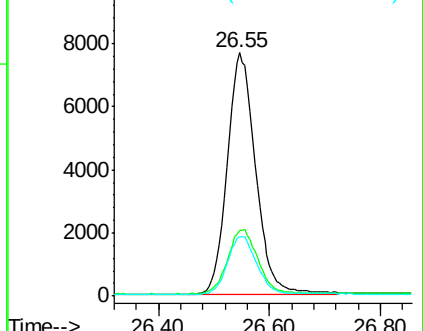
277 24.6 20.1 30.1

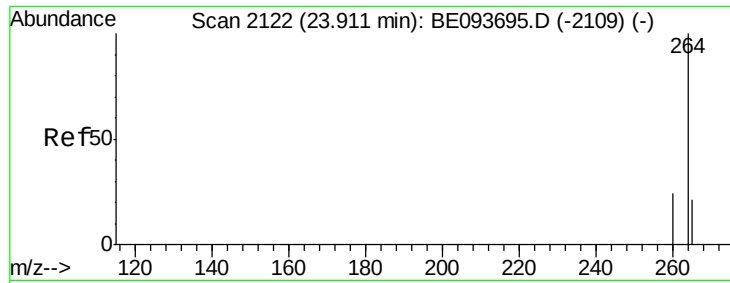


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

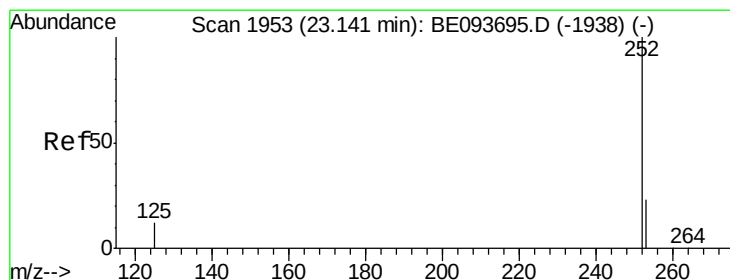
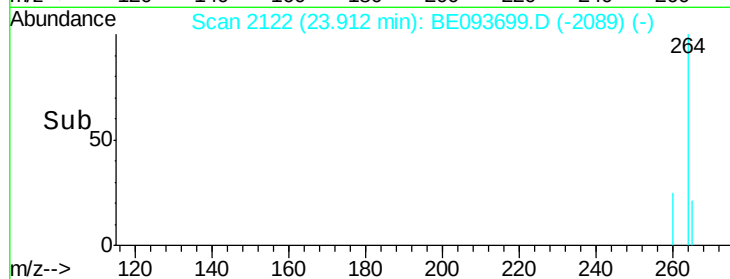
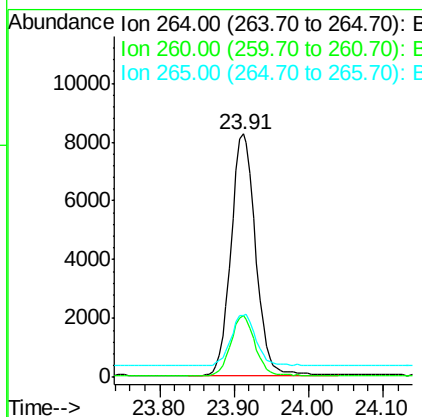
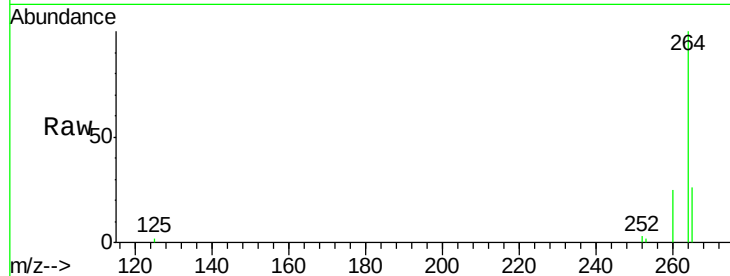




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

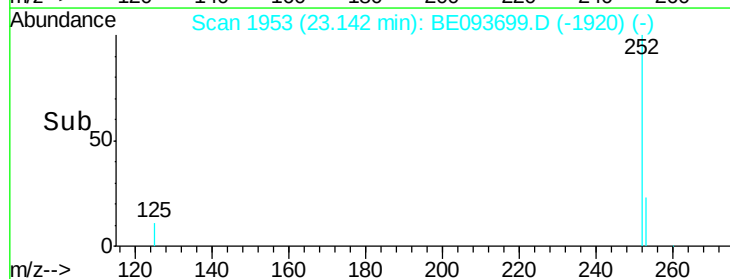
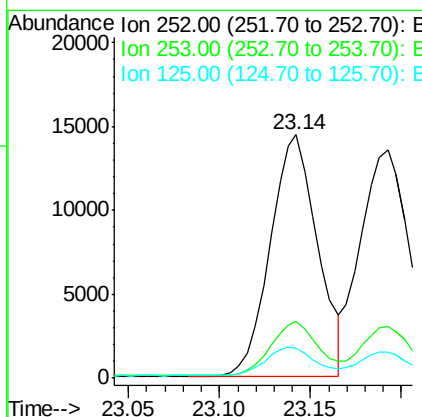
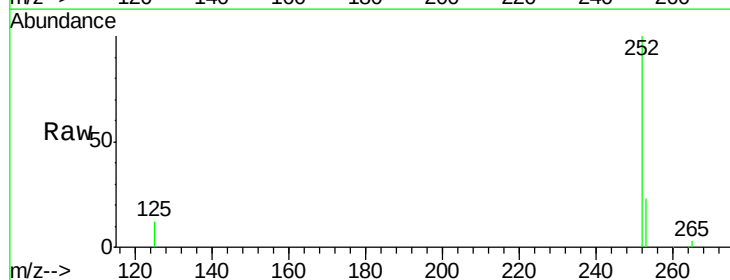
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080717

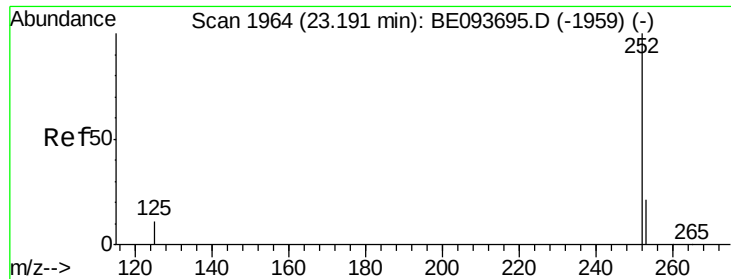
Tgt Ion: 264 Resp: 18877
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.0 31.4
 265 25.6 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.400 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BE093699.D
 Acq: 7 Aug 2017 13:38

Tgt Ion: 252 Resp: 26166
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.5 27.7
 125 12.3 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.401 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

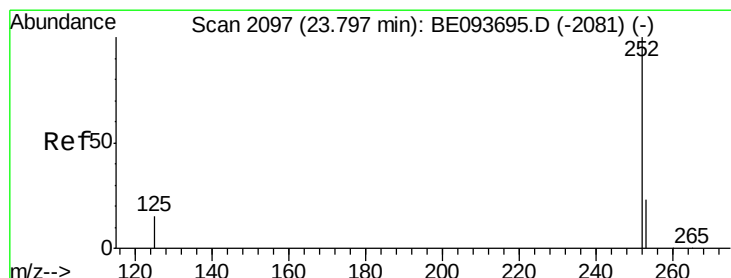
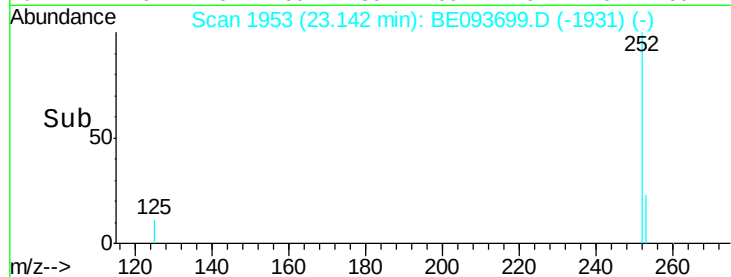
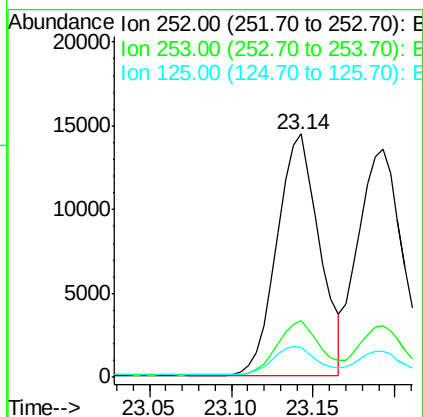
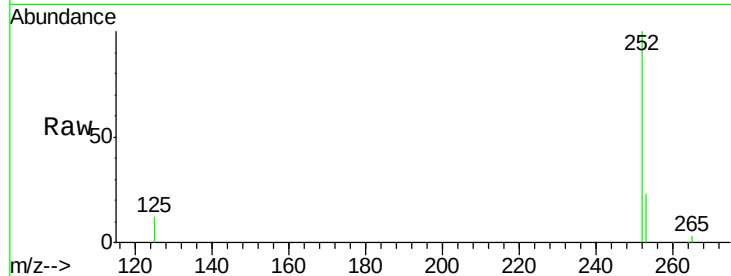
Tgt Ion: 252 Resp: 26198

Ion Ratio Lower Upper

252 100

253 23.4 20.3 30.5

125 12.3 12.2 18.4



#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

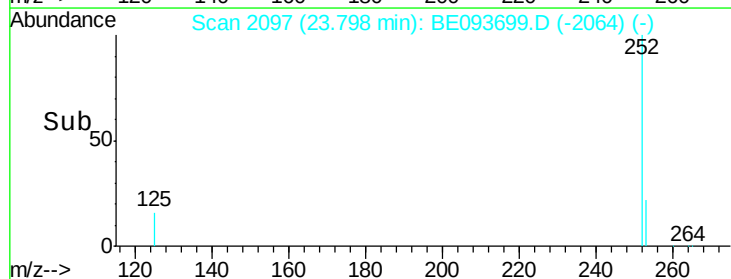
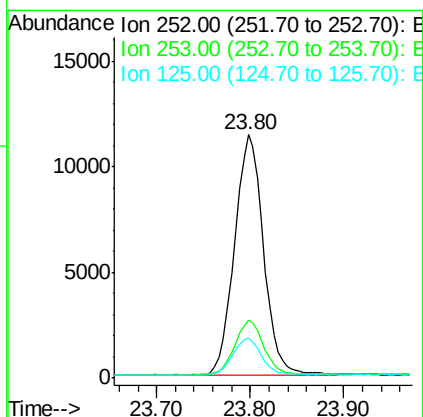
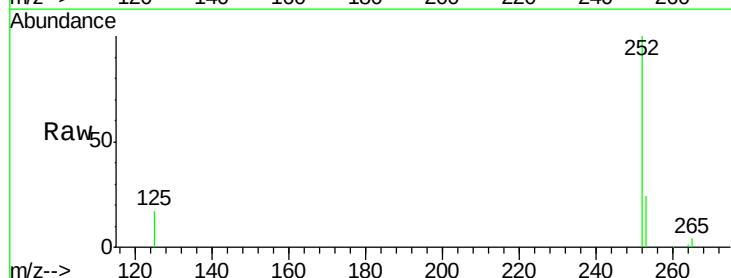
Tgt Ion: 252 Resp: 24666

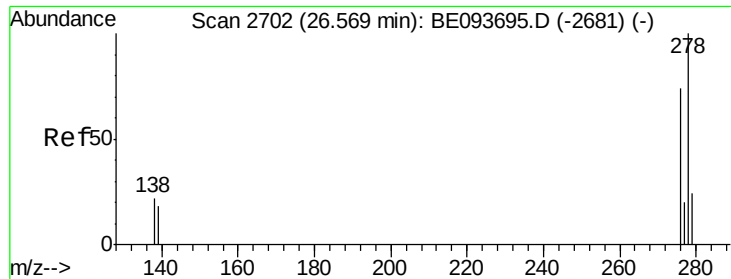
Ion Ratio Lower Upper

252 100

253 23.6 19.9 29.9

125 16.7 14.6 21.8





#38

Dibenzo(a,h)anthracene

Concen: 0.398 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

Instrument :

BNA_E

ClientSampleId :

ICVBE080717

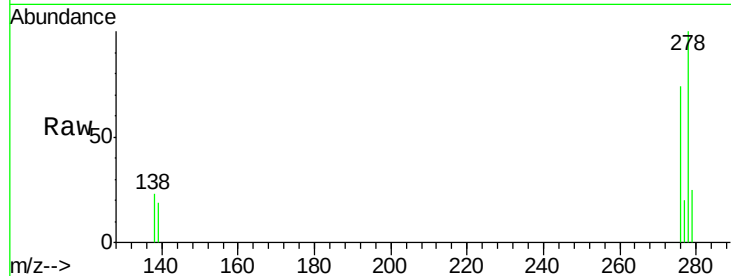
Tgt Ion:278 Resp: 23024

Ion Ratio Lower Upper

278 100

139 19.0 21.4 32.0#

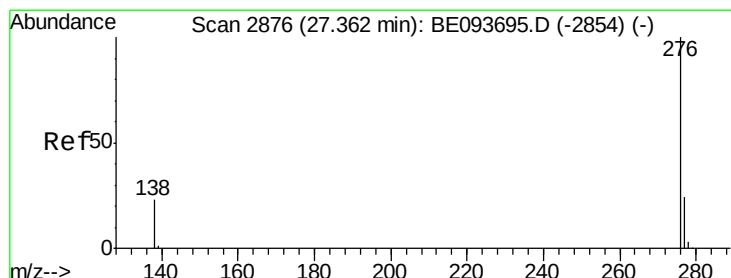
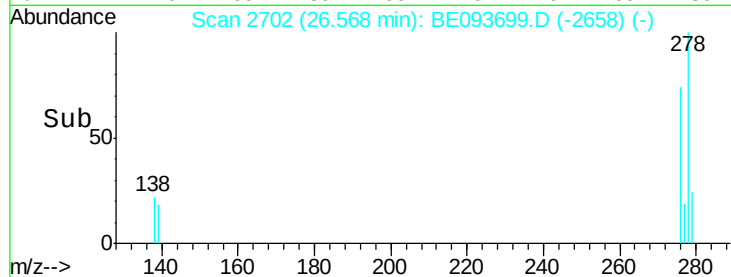
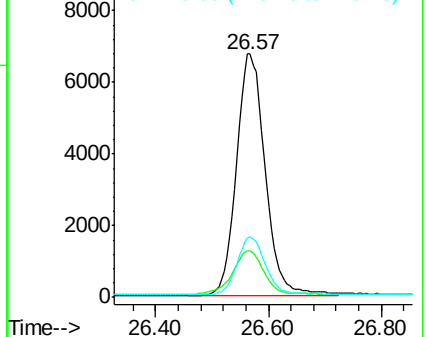
279 25.1 22.2 33.2



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



#39

Benzo(g,h,i)perylene

Concen: 0.395 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093699.D

Acq: 7 Aug 2017 13:38

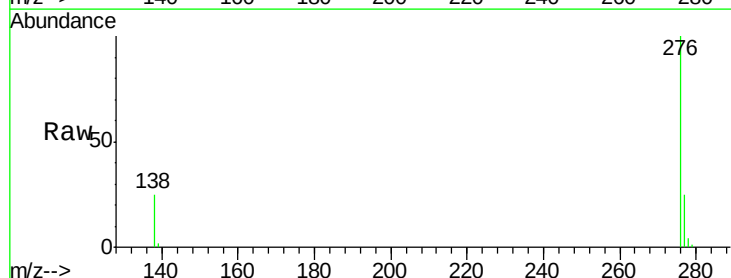
Tgt Ion:276 Resp: 22936

Ion Ratio Lower Upper

276 100

277 24.5 21.2 31.8

138 25.4 24.5 36.7



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

