

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093676.D
 Acq On : 5 Aug 2017 15:47
 Operator : SJ/JU
 Sample : PB101214BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101214BS

Quant Time: Aug 06 02:43:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2716	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11685	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5713	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13839	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20483	0.40	ng	0.00
34) Perylene-d12	23.92	264	14568	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	2507	0.31	ng	0.00
5) Phenol-d6	7.09	99	3355	0.28	ng	0.00
8) Nitrobenzene-d5	9.06	82	2666	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4700	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	393	0.34	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	6313	0.28	ng	-0.02
25) Fluoranthene-d10	19.28	212	52111	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	9459	0.26	ng	0.00

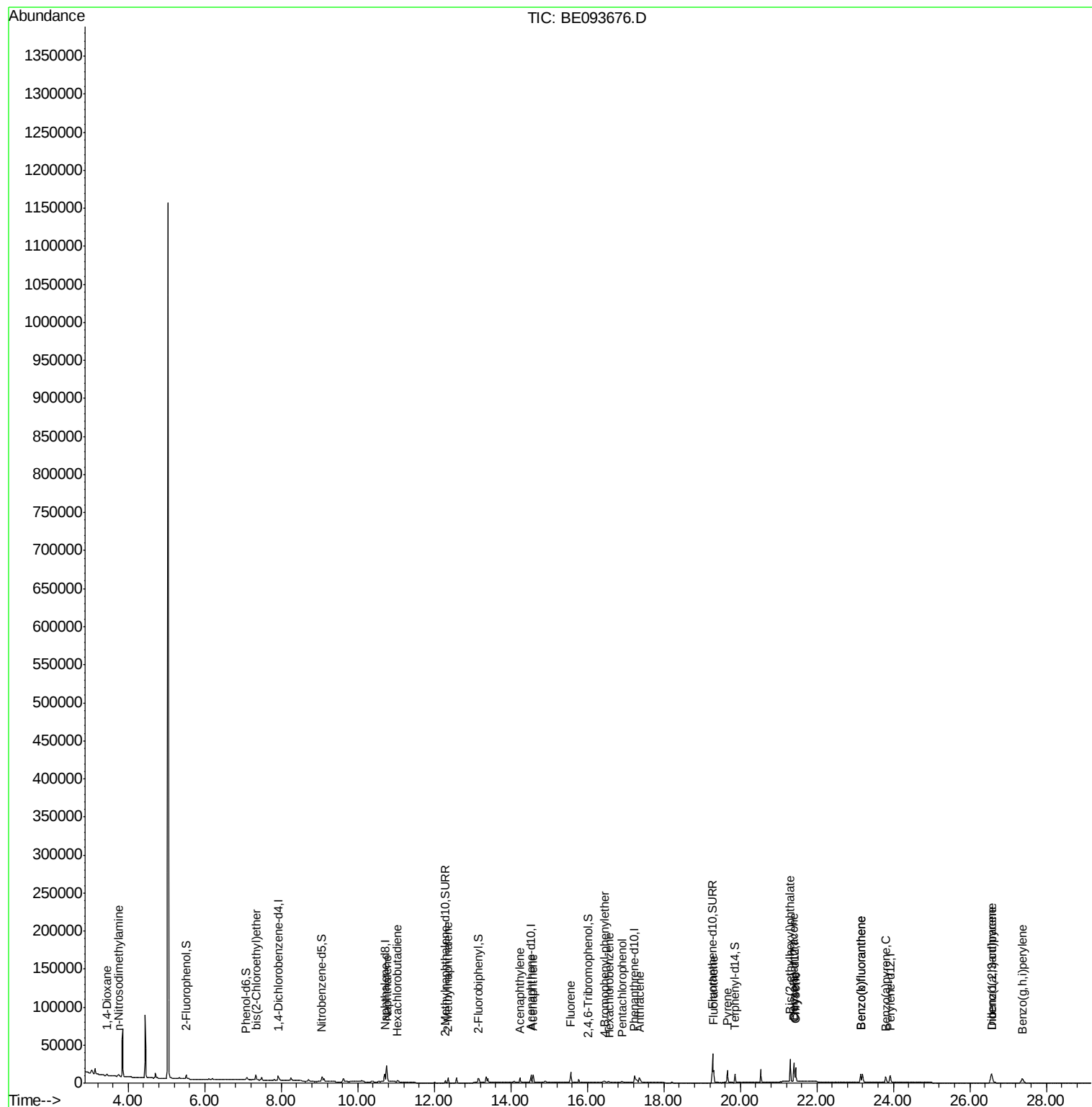
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	1156	0.263	ng	# 46
3) n-Nitrosodimethylamine	3.74	42	1591	0.386	ng	# 78
6) bis(2-Chloroethyl)ether	7.34	93	2579	0.252	ng	# 100
9) Naphthalene	10.76	128	33845	0.250	ng	99
10) Hexachlorobutadiene	11.04	225	1277	0.255	ng	98
12) 2-Methylnaphthalene	12.36	142	5459	0.244	ng	98
16) Acenaphthylene	14.24	152	7299	0.267	ng	# 88
17) Acenaphthene	14.58	154	4979	0.258	ng	99
18) Fluorene	15.56	166	6376	0.248	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	1240	0.263	ng	# 95
21) Hexachlorobenzene	16.58	284	1215	0.269	ng	# 100
22) Pentachlorophenol	16.91	266	1613	0.748	ng	97
24) Anthracene	17.37	178	19345	0.465	ng	# 90
26) Fluoranthene	19.30	202	15337	0.316	ng	99
28) Pyrene	19.66	202	15541	0.235	ng	# 98
30) Benzo(a)anthracene	21.39	228	17101	0.284	ng	94
31) Chrysene	21.45	228	17147	0.255	ng	94
32) Bis(2-ethylhexyl)phthalate	21.30	149	34839	0.424	ng	98
33) Indeno(1,2,3-cd)pyrene	26.56	276	16140	0.265	ng	95
35) Benzo(b)fluoranthene	23.15	252	16418	0.316	ng	# 95
36) Benzo(k)fluoranthene	23.15	252	16418	0.309	ng	95
37) Benzo(a)pyrene	23.80	252	13645	0.290	ng	95
38) Dibenzo(a,h)anthracene	26.57	278	14465	0.318	ng	# 91
39) Benzo(g,h,i)perylene	27.37	276	13409	0.291	ng	95

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

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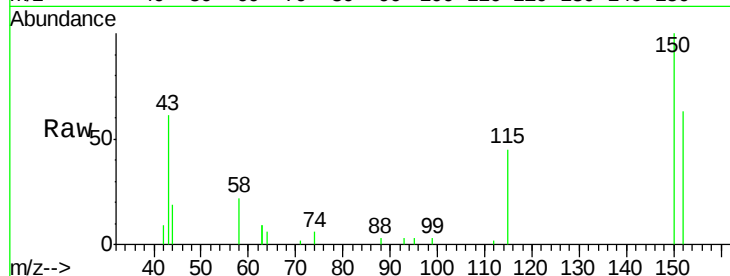


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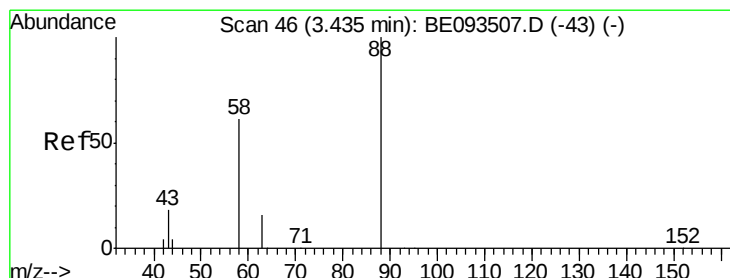
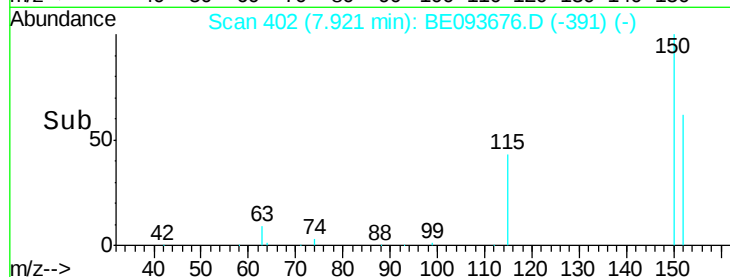
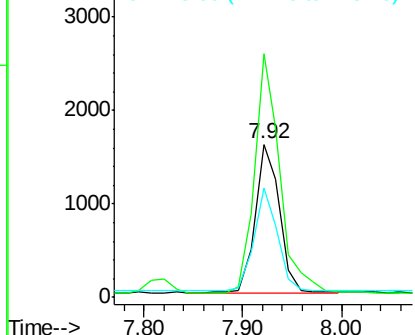
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Instrument :
BNA_E
ClientSampleId :
PB101214BS

Tgt Ion: 152 Resp: 2716
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 71.4 55.7 83.5



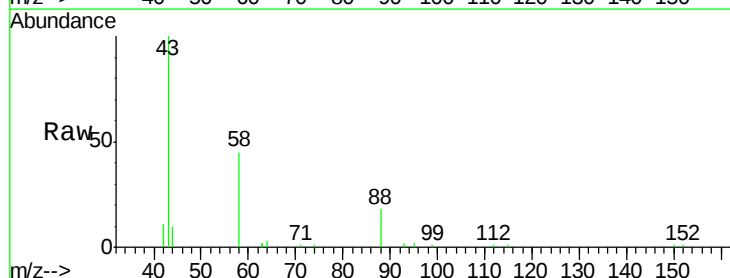
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



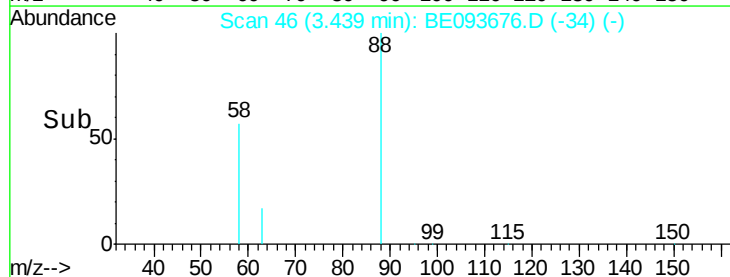
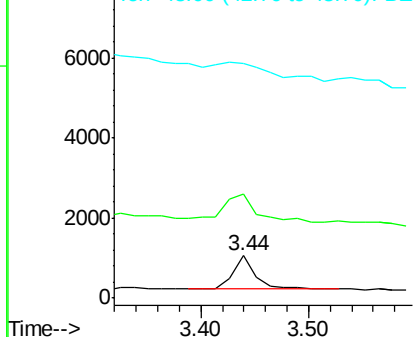
#2

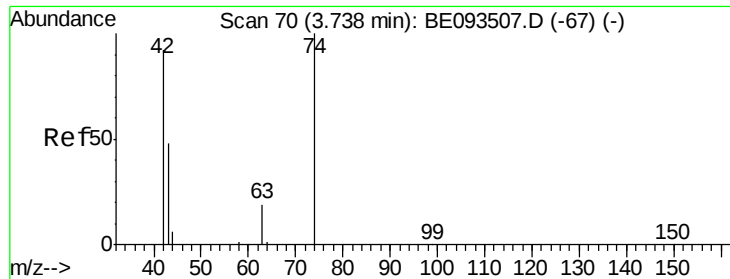
1,4-Dioxane
Concen: 0.263 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Tgt Ion: 88 Resp: 1156
Ion Ratio Lower Upper
88 100
58 124.7 62.2 93.4#
43 0.0 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: 0.386 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

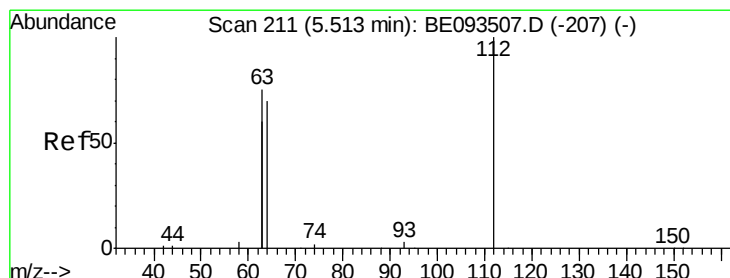
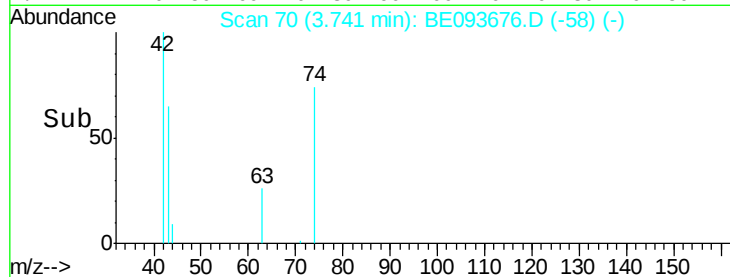
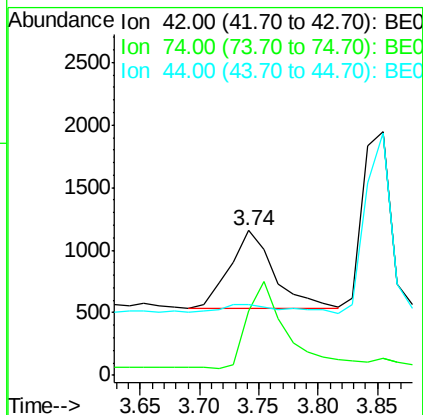
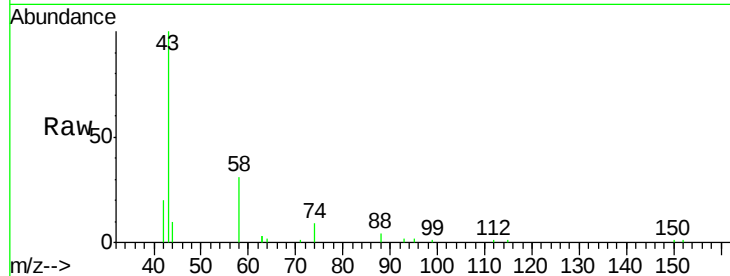
Instrument :

BNA_E

ClientSampleId :

PB101214BS

Tgt Ion:	42	Resp:	1591
Ion	Ratio	Lower	Upper
42	100		
74	99.6	99.1	148.7
44	19.2	7.4	11.2#



#4

2-Fluorophenol

Concen: 0.310 ng

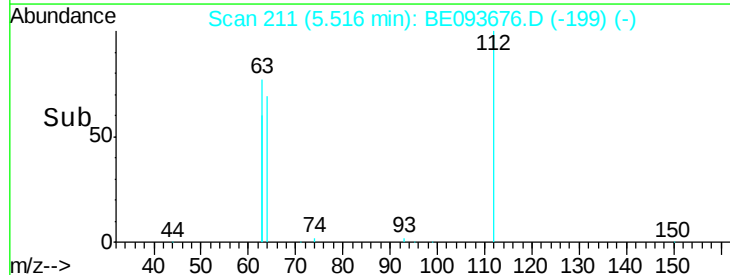
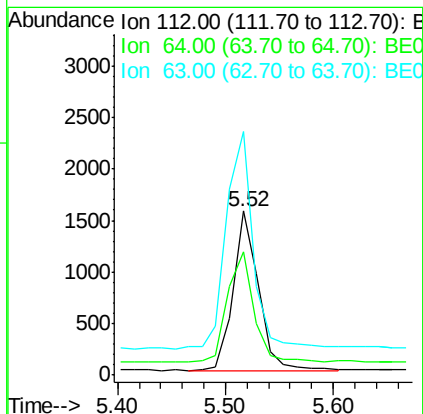
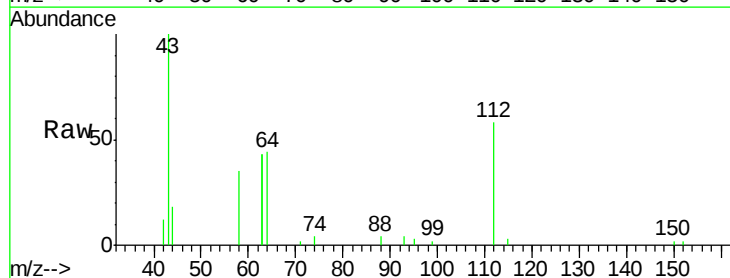
RT: 5.52 min Scan# 211

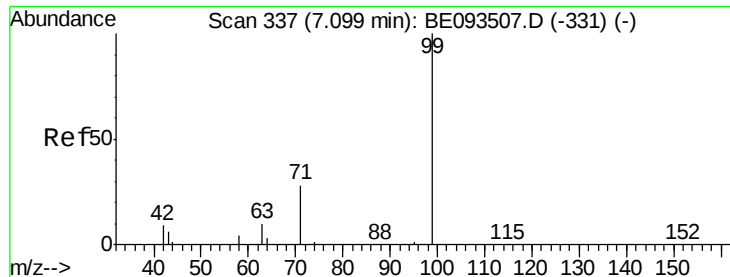
Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Tgt Ion:	112	Resp:	2507
Ion	Ratio	Lower	Upper
112	100		
64	73.4	56.4	84.6
63	146.6	29.3	43.9#





#5

Phenol-d6

Concen: 0.275 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

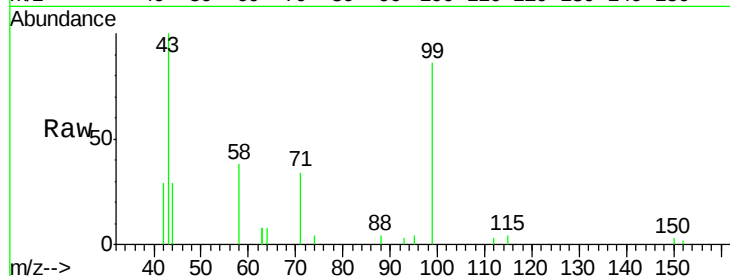
Tgt Ion: 99 Resp: 3355

Ion Ratio Lower Upper

99 100

42 22.7 0.0 0.0#

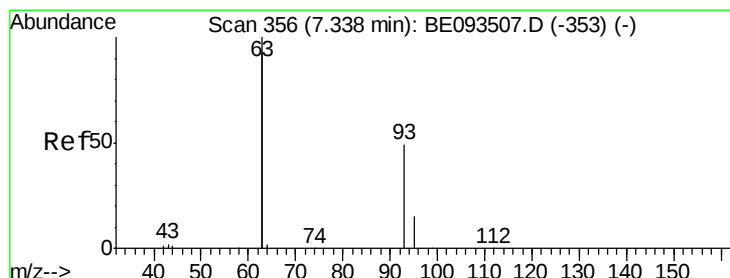
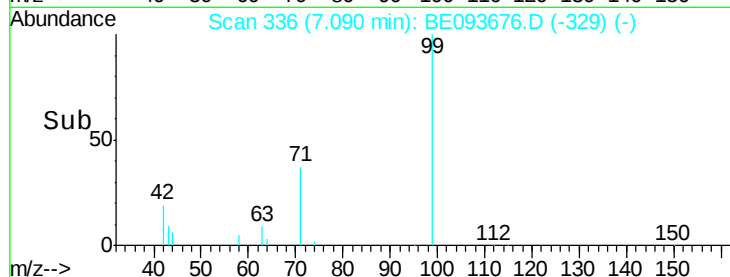
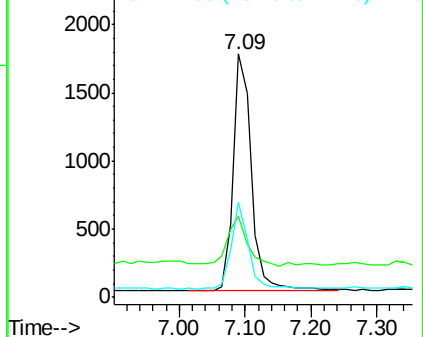
71 33.8 0.0 0.0#



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: 0.252 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

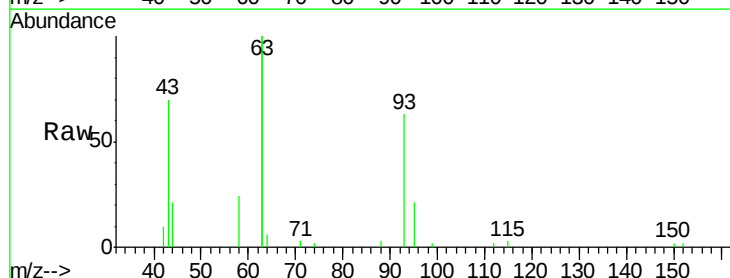
Tgt Ion: 93 Resp: 2579

Ion Ratio Lower Upper

93 100

63 352.0 0.0 0.0#

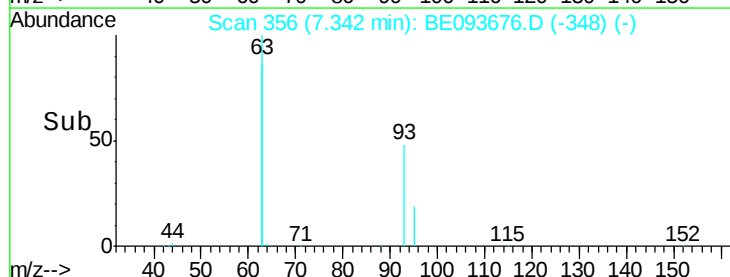
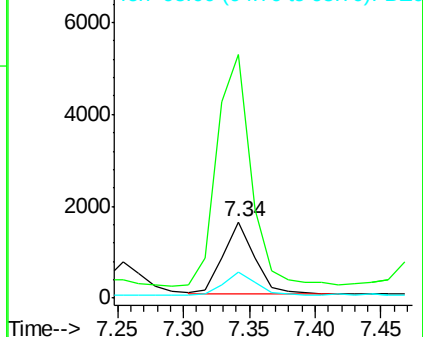
95 31.5 25.4 38.0

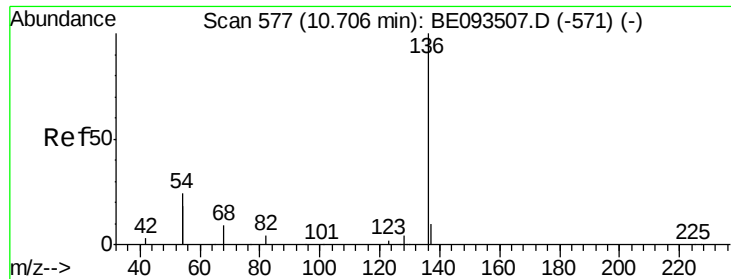


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

Tgt Ion:136 Resp: 11685

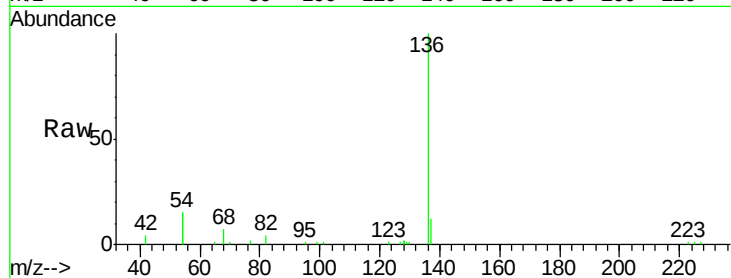
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 30.6 10.3 15.5#

68 6.5 9.0 13.4#



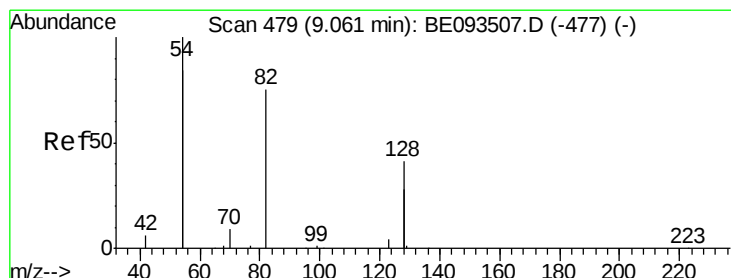
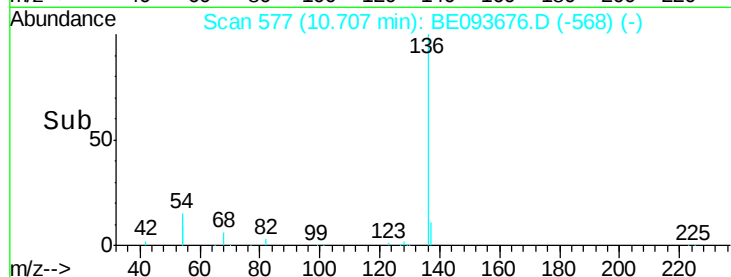
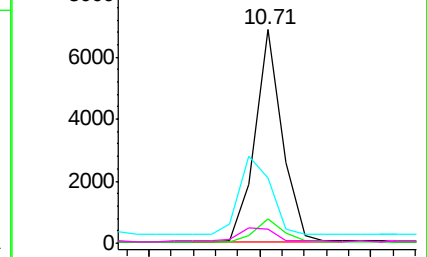
Abundance

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: 0.299 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

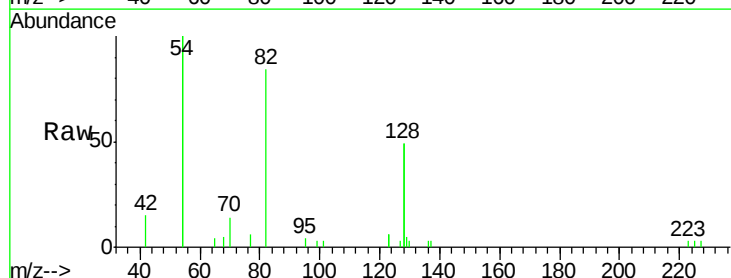
Tgt Ion: 82 Resp: 2666

Ion Ratio Lower Upper

82 100

128 117.4 17.0 25.4#

54 237.4 53.8 80.6#

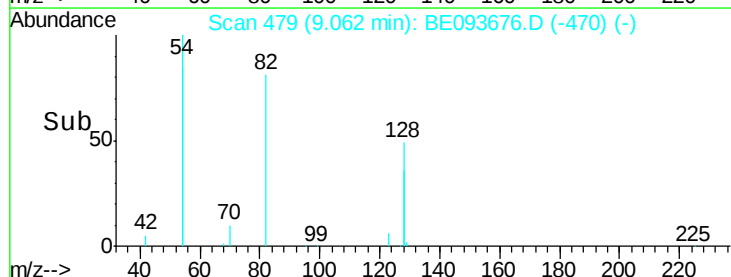
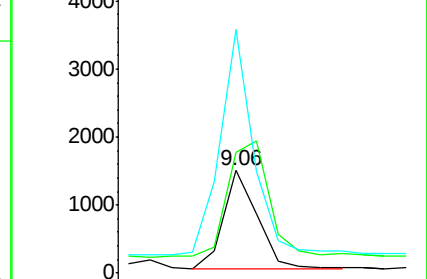


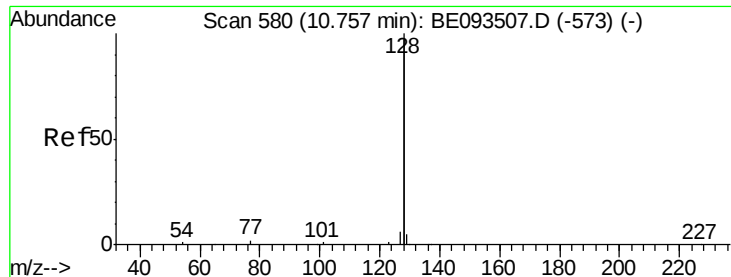
Abundance

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: 0.250 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

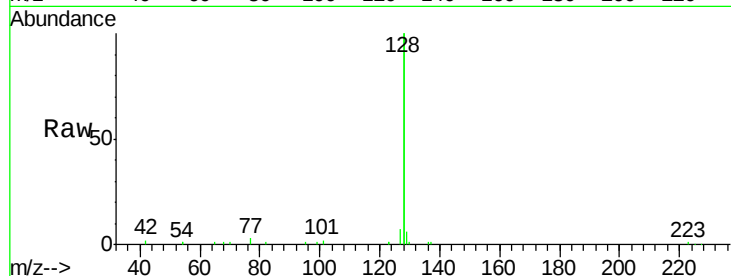
Tgt Ion:128 Resp: 33845

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

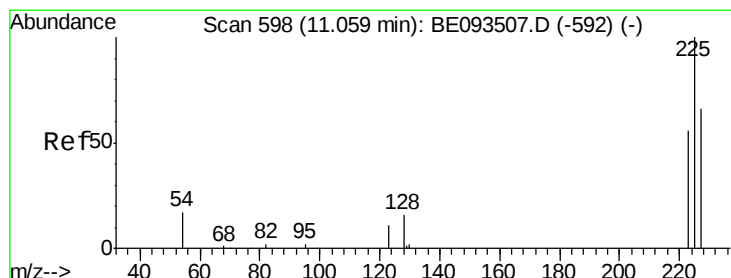
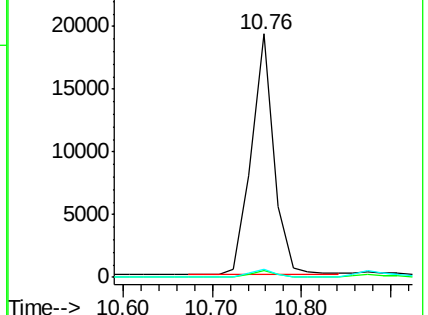
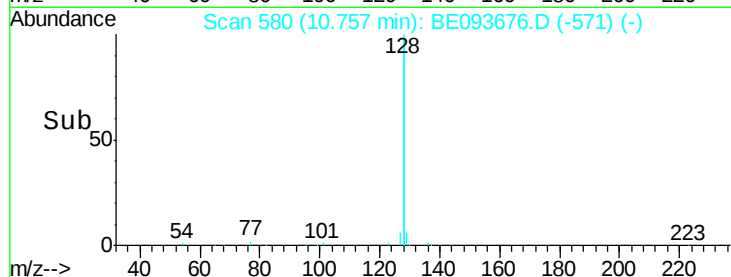
127 3.4 2.4 3.6



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: 0.255 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

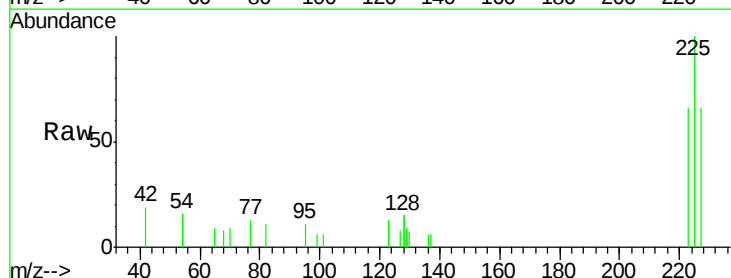
Tgt Ion:225 Resp: 1277

Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

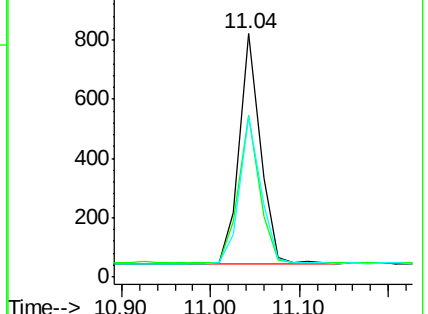
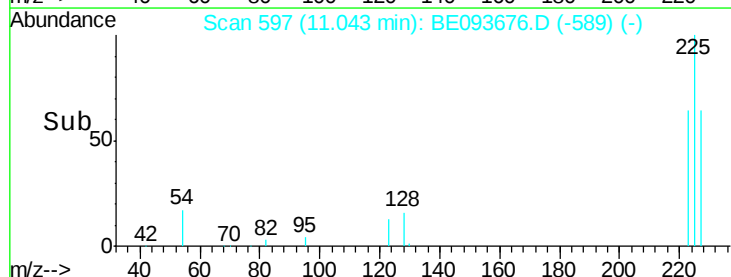
227 64.8 50.3 75.5

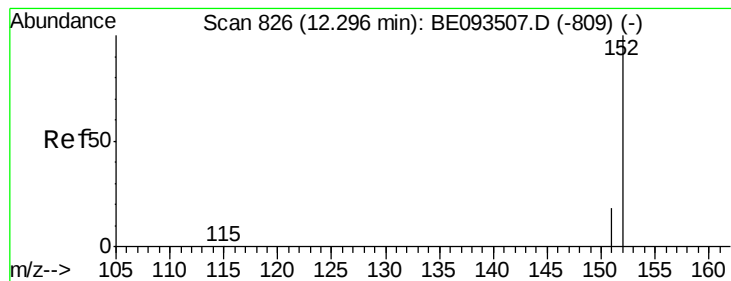


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.255 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

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ClientSampleId :

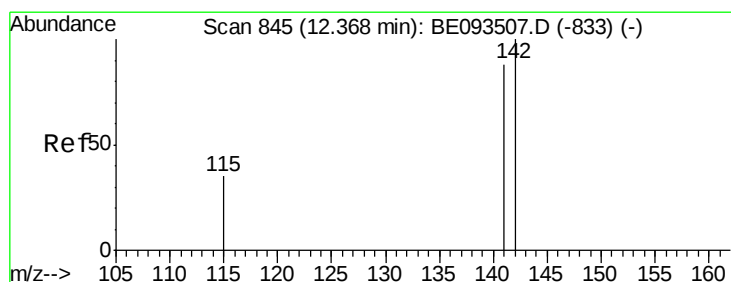
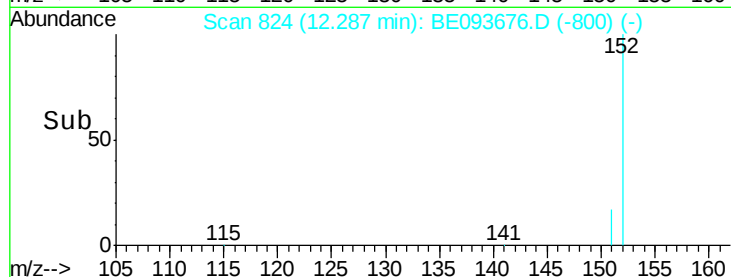
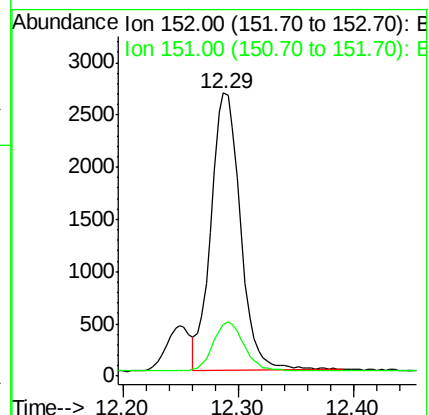
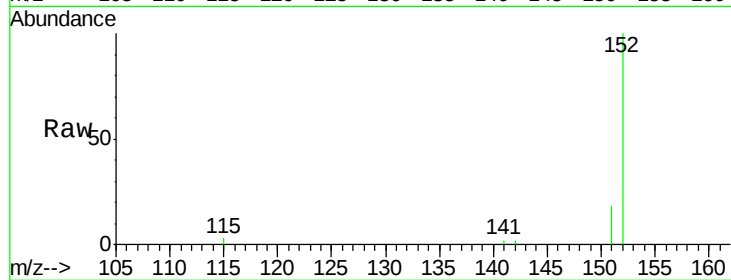
PB101214BS

Tgt Ion:152 Resp: 4700

Ion Ratio Lower Upper

152 100

151 18.4 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.244 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

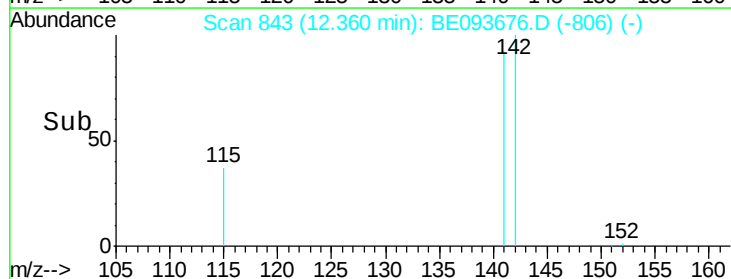
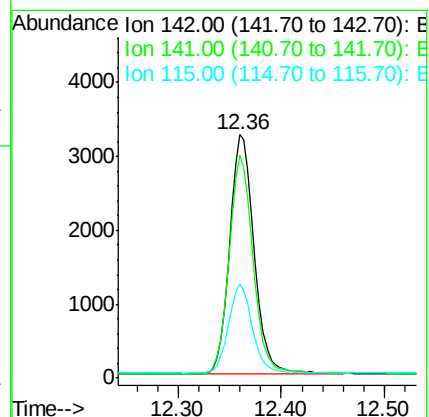
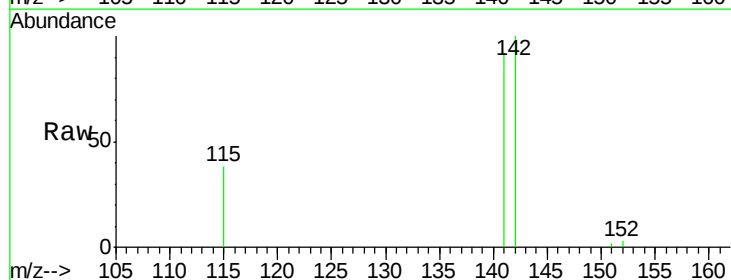
Tgt Ion:142 Resp: 5459

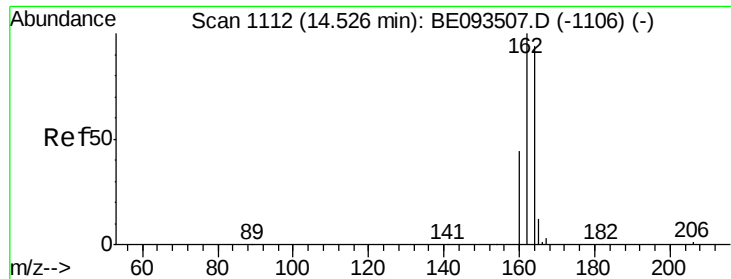
Ion Ratio Lower Upper

142 100

141 91.8 72.6 108.8

115 38.3 32.2 48.2

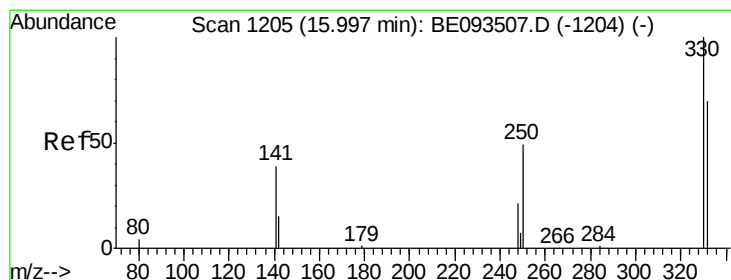
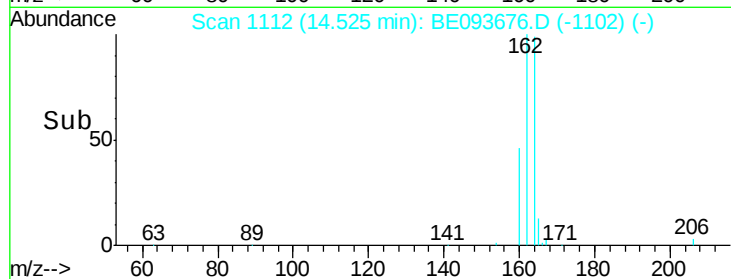
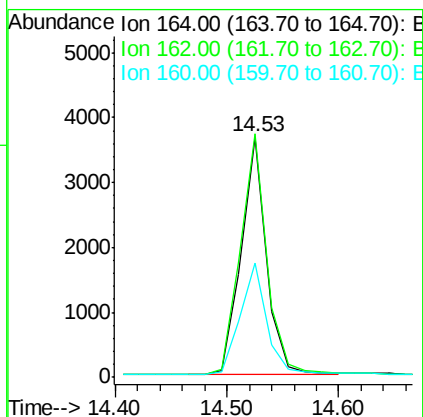
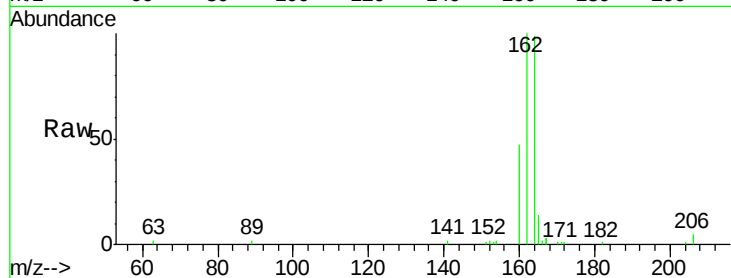




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

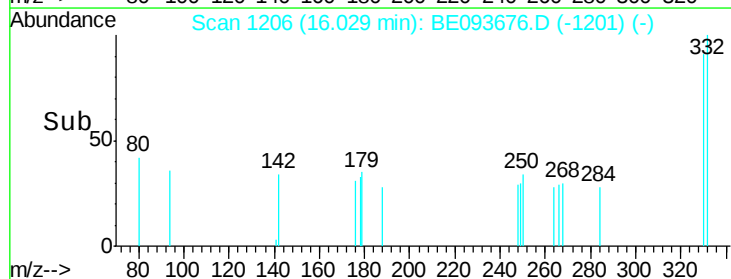
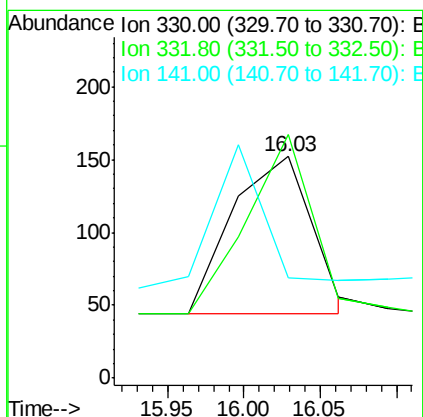
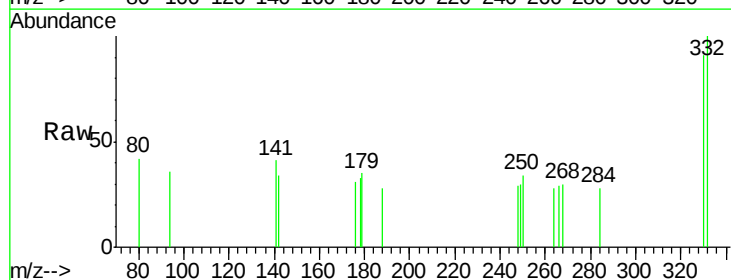
Instrument :
BNA_E
ClientSampleId :
PB101214BS

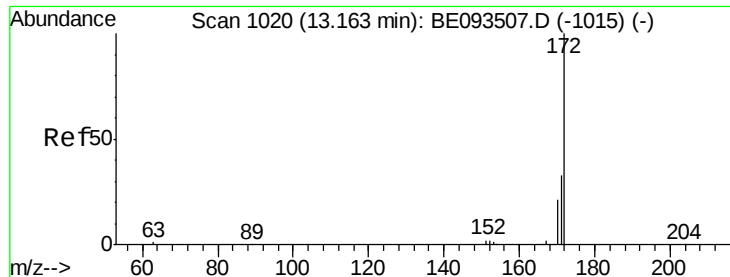
Tgt Ion:164 Resp: 5713
Ion Ratio Lower Upper
164 100
162 101.4 84.6 127.0
160 47.6 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Tgt Ion:330 Resp: 393
Ion Ratio Lower Upper
330 100
332 93.1 77.7 116.5
141 0.0 56.2 84.4#

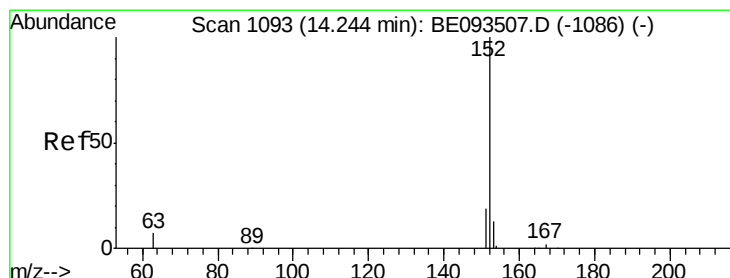
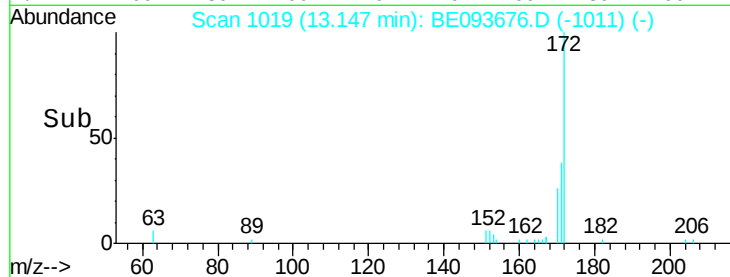
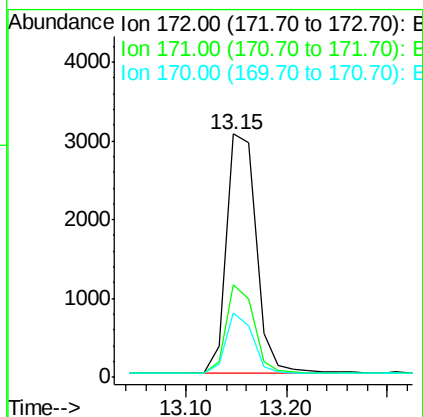
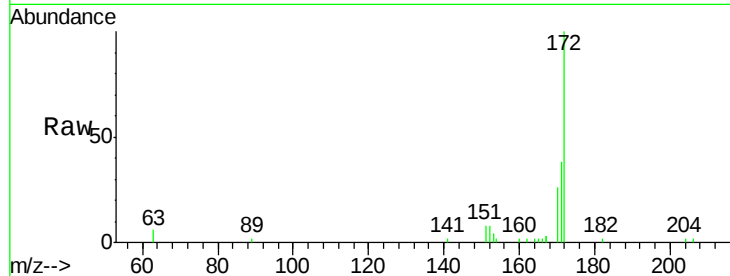




#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

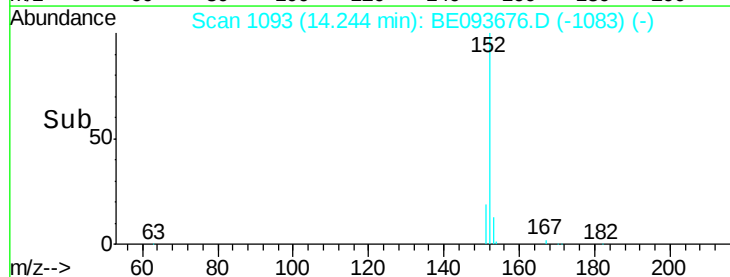
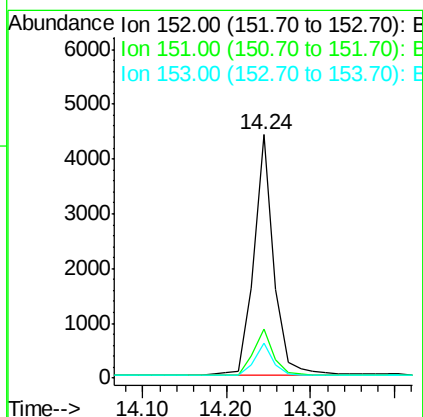
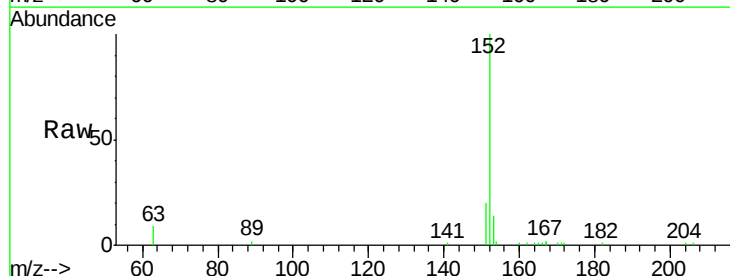
Instrument :
BNA_E
ClientSampleId :
PB101214BS

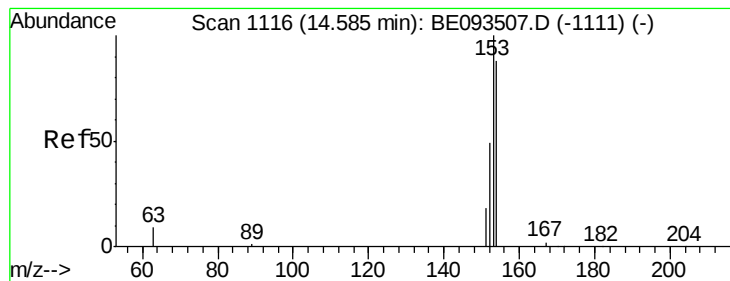
Tgt Ion:172 Resp: 6313
Ion Ratio Lower Upper
172 100
171 38.1 29.8 44.6
170 26.3 20.7 31.1



#16
Acenaphthylene
Concen: 0.267 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Tgt Ion:152 Resp: 7299
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 12.8 10.3 15.5





#17

Acenaphthene

Concen: 0.258 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

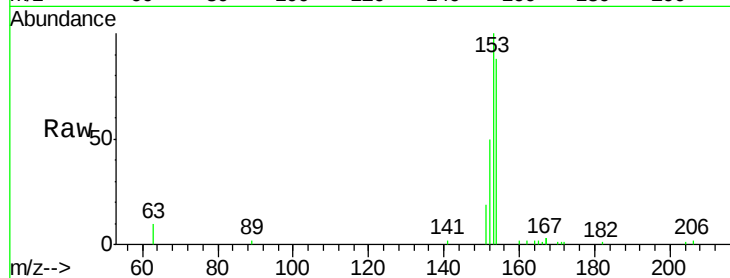
Tgt Ion:154 Resp: 4979

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

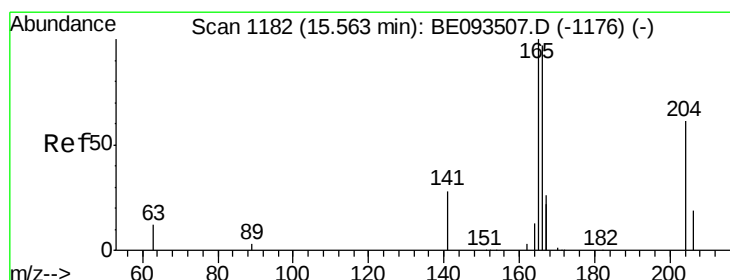
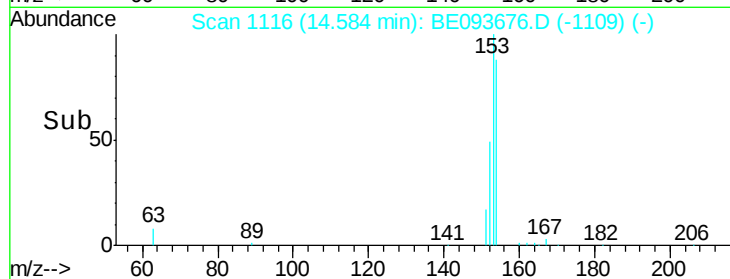
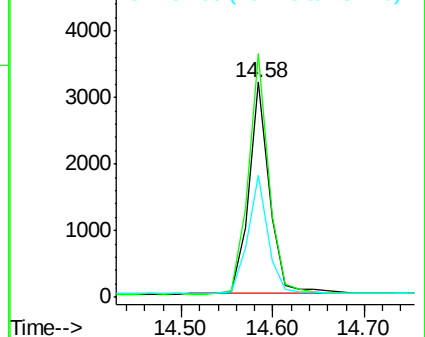
152 55.0 44.8 67.2



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: 0.248 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

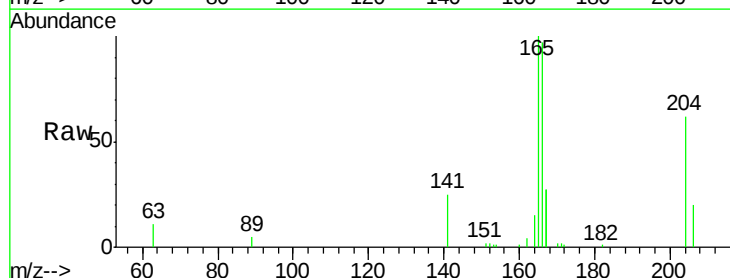
Tgt Ion:166 Resp: 6376

Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

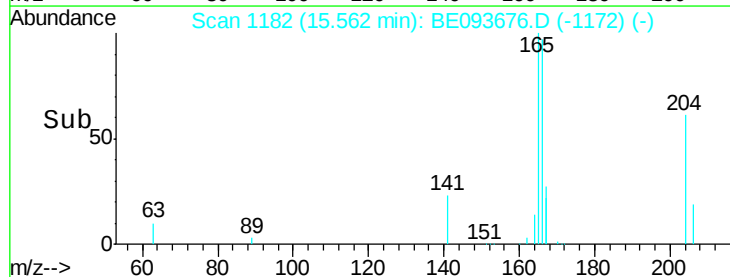
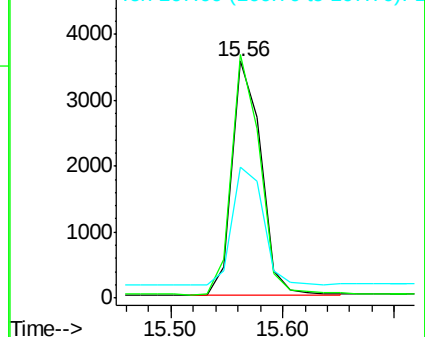
167 54.0 11.1 16.7#

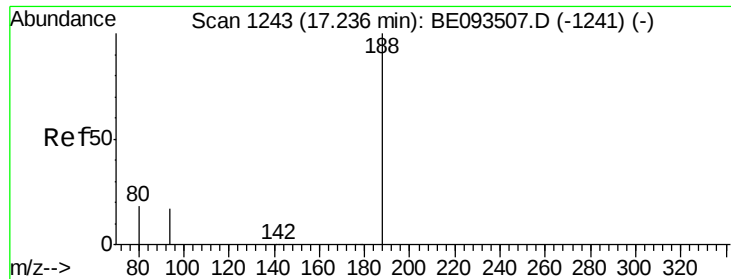


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

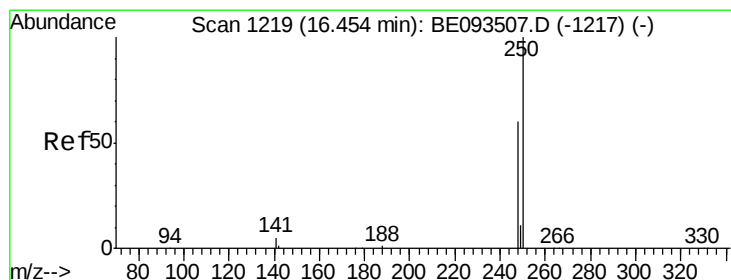
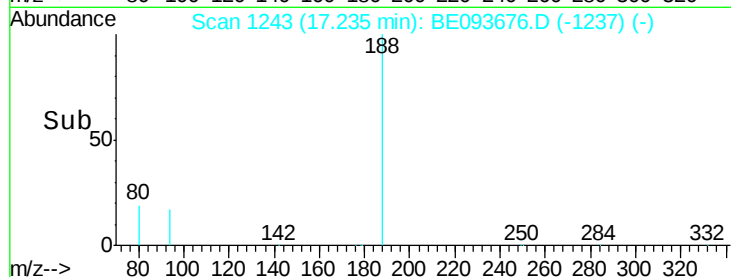
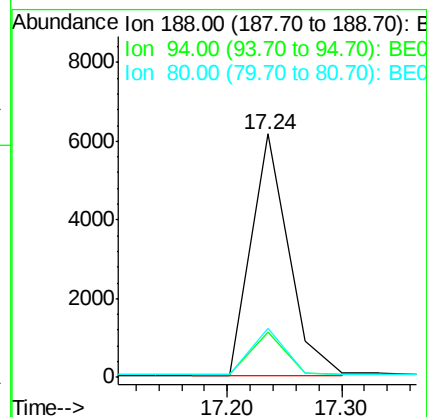
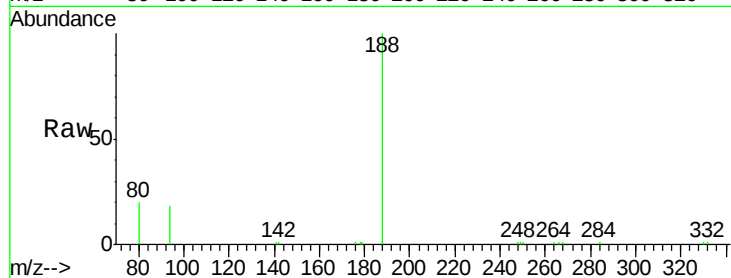
Tgt Ion:188 Resp: 13839

Ion Ratio Lower Upper

188 100

94 18.5 11.3 16.9#

80 19.9 11.7 17.5#



#20

4-Bromophenyl-phenylether

Concen: 0.263 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

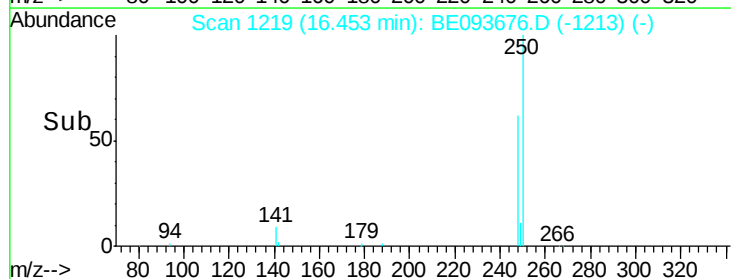
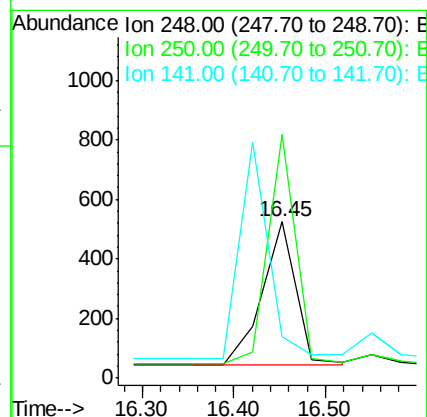
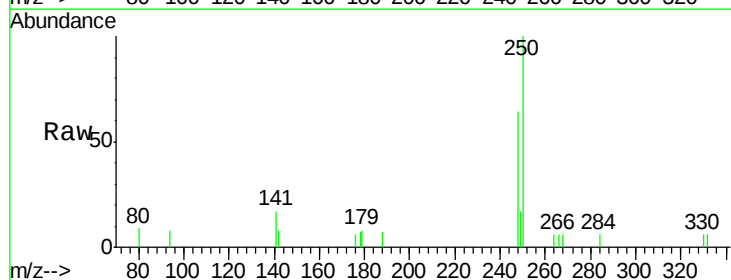
Tgt Ion:248 Resp: 1240

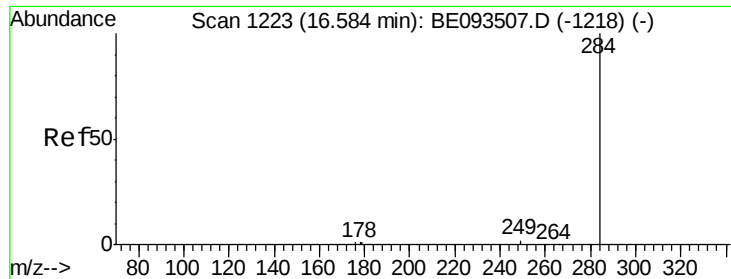
Ion Ratio Lower Upper

248 100

250 155.8 128.0 192.0

141 26.3 12.0 18.0#

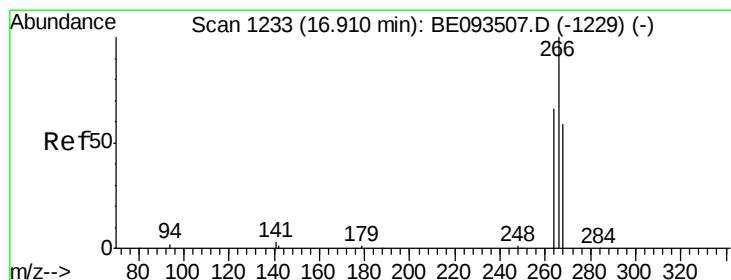
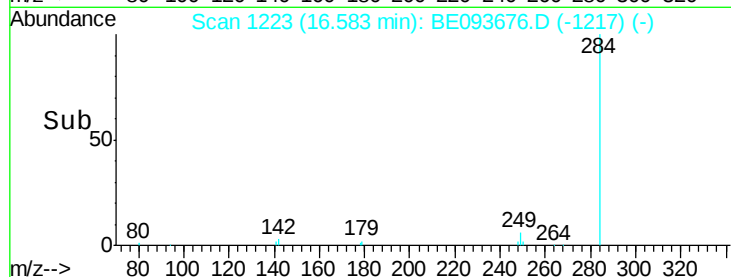
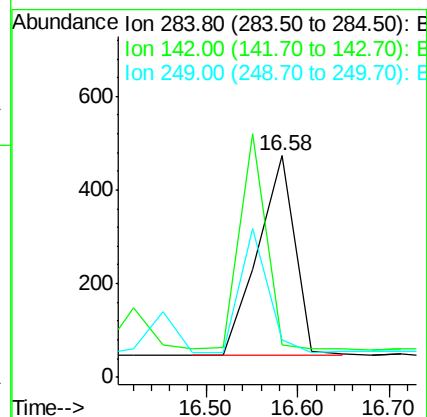
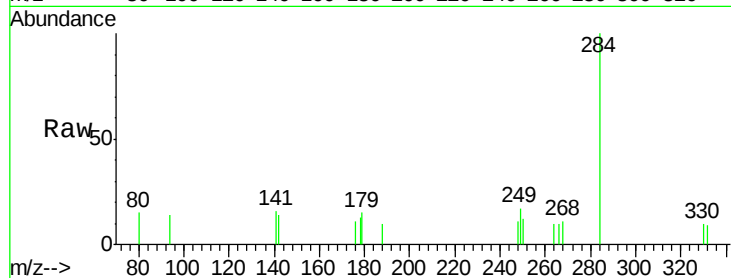




#21
Hexachlorobenzene
Concen: 0.269 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

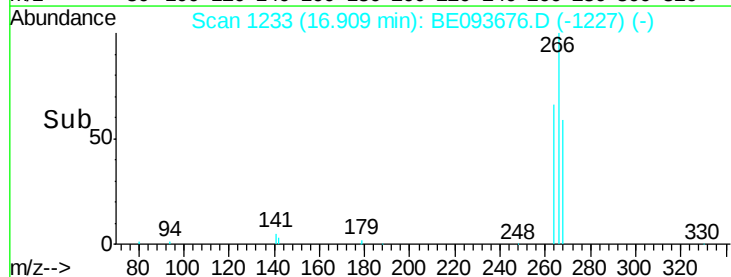
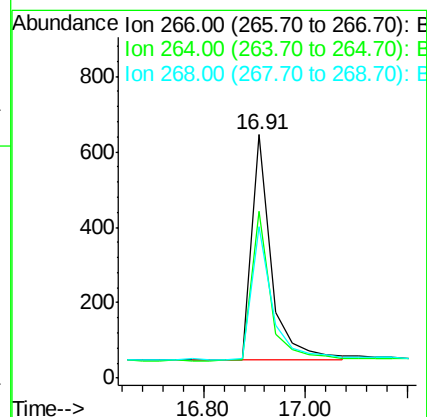
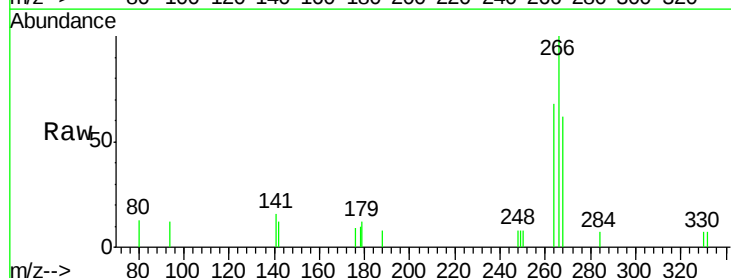
Instrument :
BNA_E
ClientSampleId :
PB101214BS

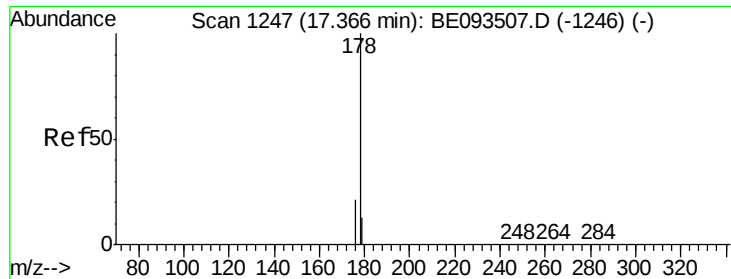
Tgt Ion: 284 Resp: 1215
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.748 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Tgt Ion: 266 Resp: 1613
Ion Ratio Lower Upper
266 100
264 68.3 56.0 84.0
268 62.1 52.0 78.0





#24

Anthracene

Concen: 0.465 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

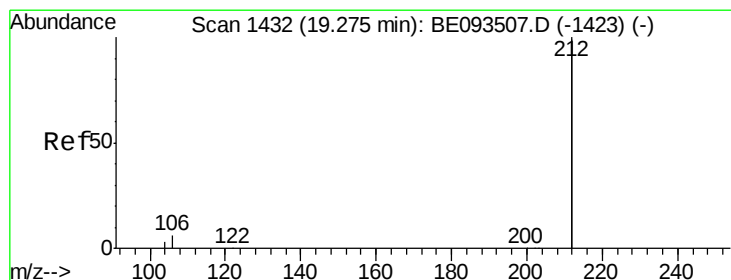
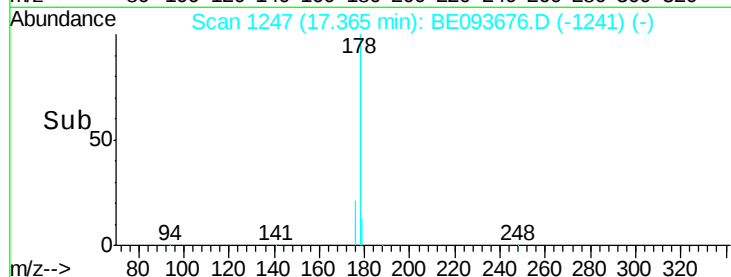
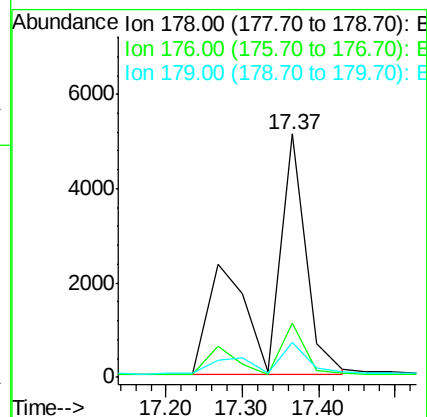
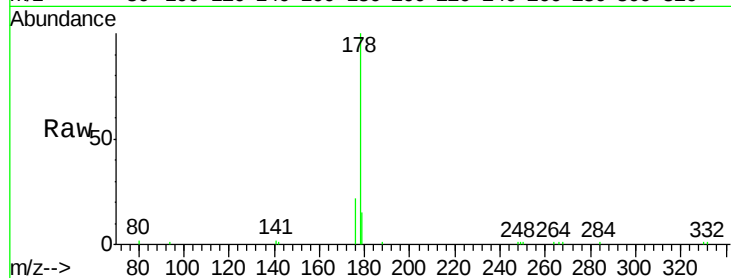
Tgt Ion:178 Resp: 19345

Ion Ratio Lower Upper

178 100

176 20.4 14.6 22.0

179 8.0 12.0 18.0#



#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

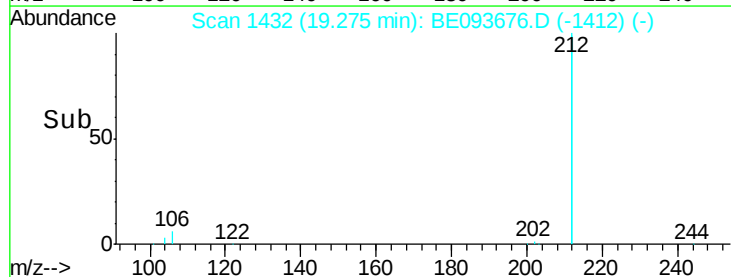
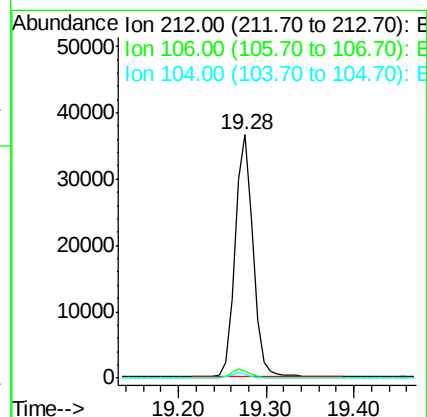
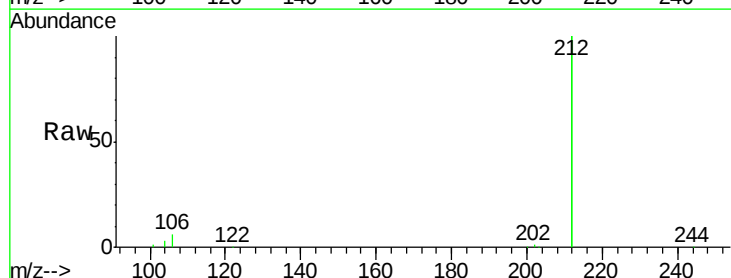
Tgt Ion:212 Resp: 52111

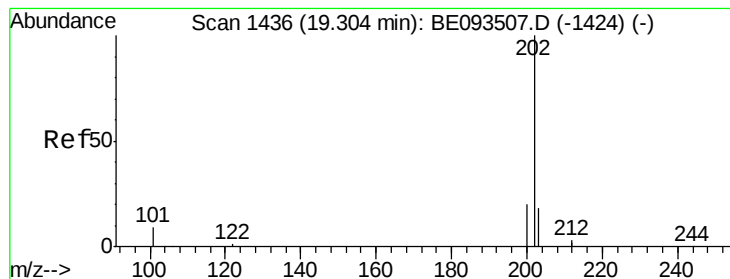
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4





#26

Fluoranthene

Concen: 0.316 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

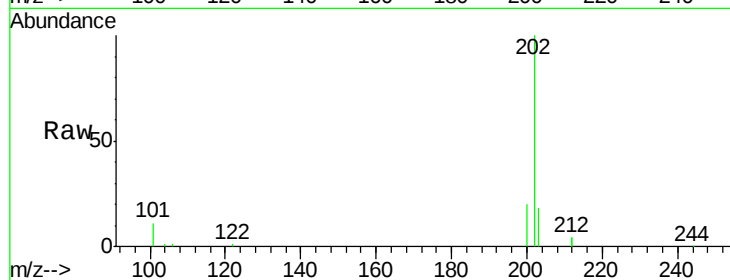
Instrument :

BNA_E

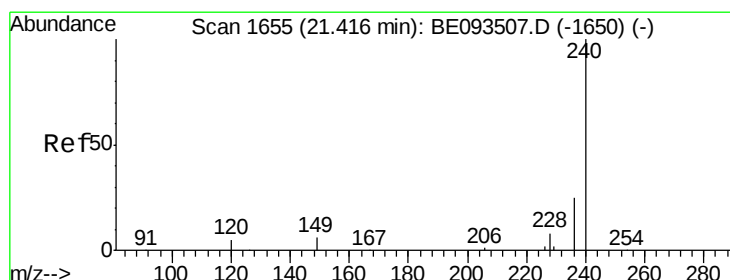
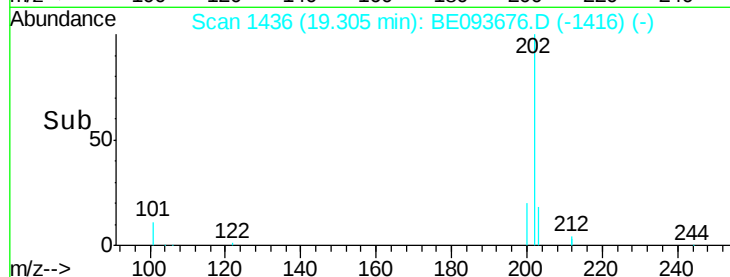
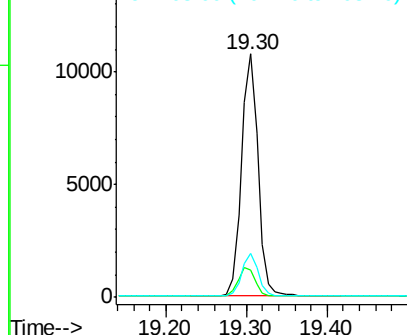
ClientSampleId :

PB101214BS

Tgt Ion:	202	Resp:	15337
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.1	14.4	21.6



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



#27

Chrysene-d12

Concen: 0.400 ng

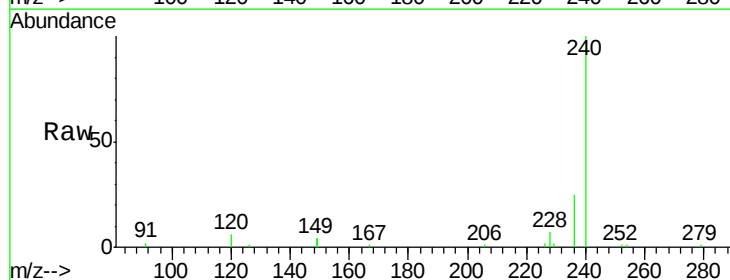
RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

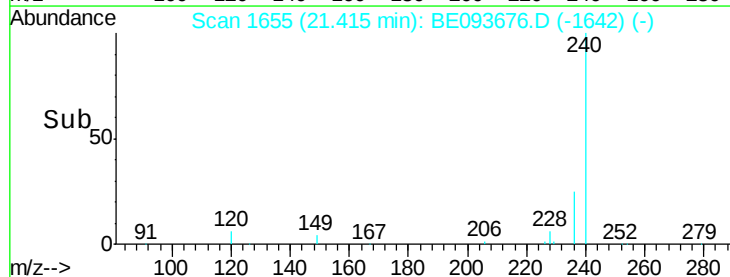
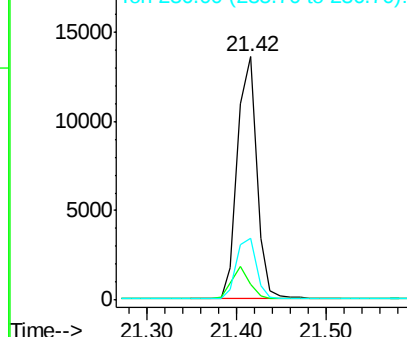
Lab File: BE093676.D

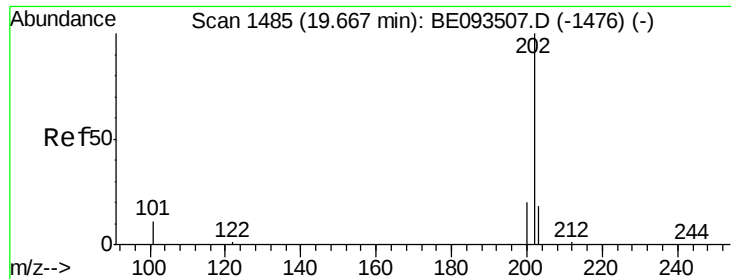
Acq: 5 Aug 2017 15:47

Tgt Ion:	240	Resp:	20483
Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	7.0
236	25.2	20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.235 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampled :

PB101214BS

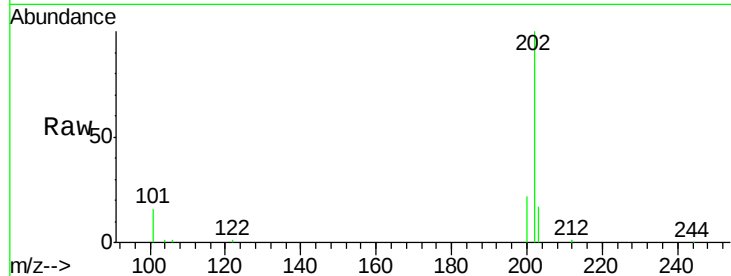
Tgt Ion:202 Resp: 15541

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

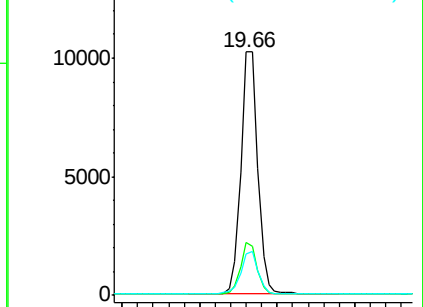
203 17.9 13.7 20.5



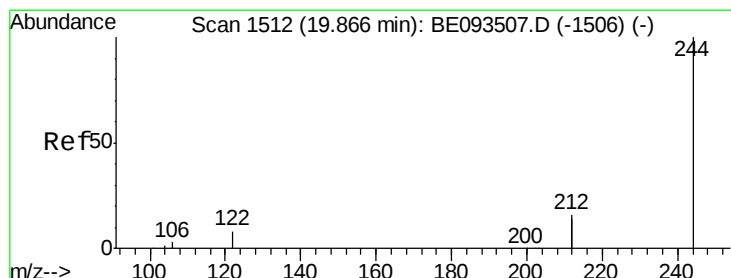
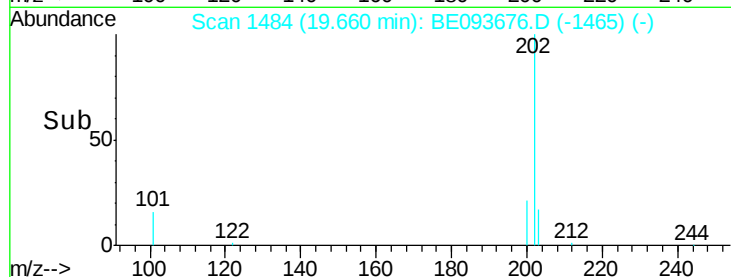
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.50 19.60 19.70 19.80



#29

Terphenyl-d14

Concen: 0.257 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

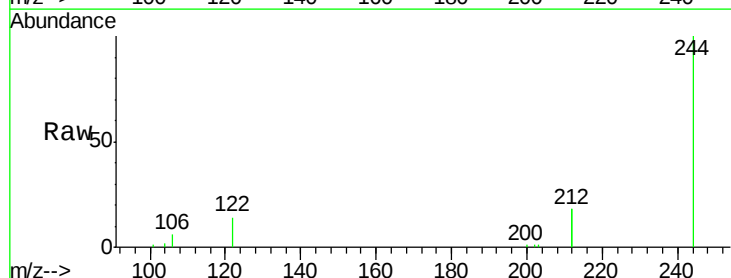
Tgt Ion:244 Resp: 9459

Ion Ratio Lower Upper

244 100

212 35.6 10.6 16.0#

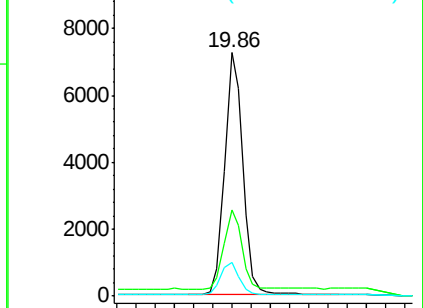
122 13.8 15.4 23.0#



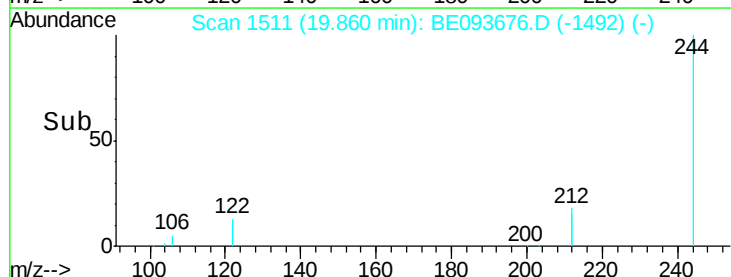
Abundance Ion 244.00 (243.70 to 244.70): E

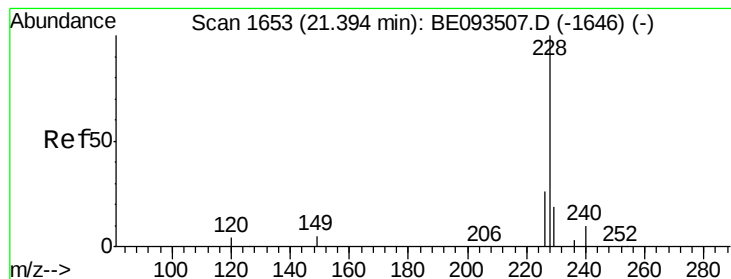
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90 20.00





#30

Benzo(a)anthracene

Concen: 0.284 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

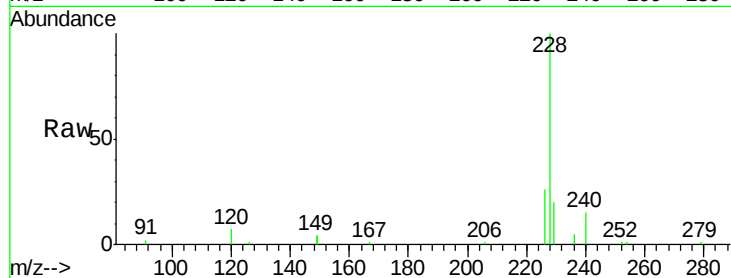
Tgt Ion:228 Resp: 17101

Ion Ratio Lower Upper

228 100

226 26.4 19.7 29.5

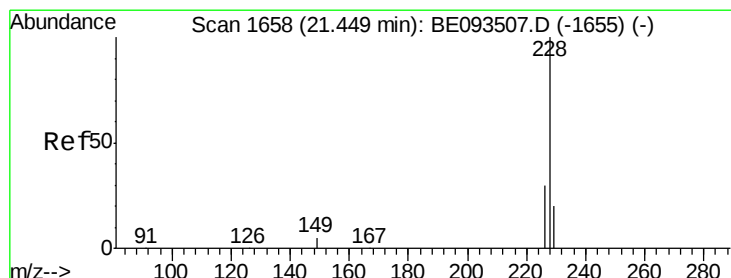
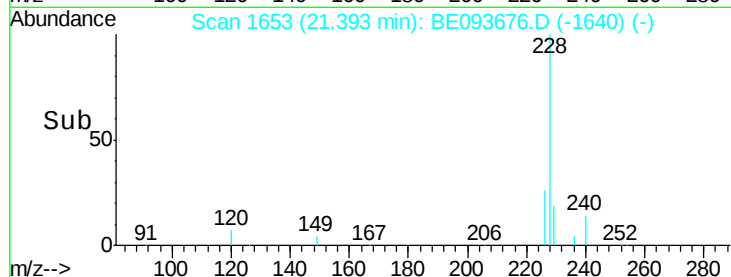
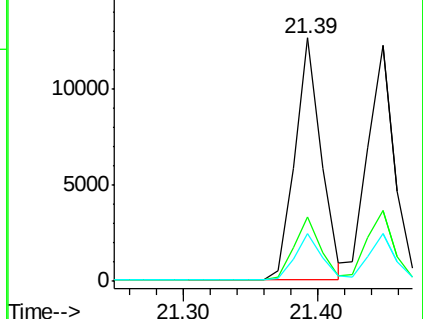
229 19.9 19.2 28.8



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: 0.255 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

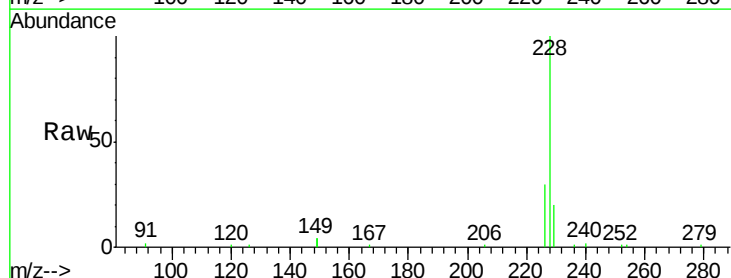
Tgt Ion:228 Resp: 17147

Ion Ratio Lower Upper

228 100

226 29.9 21.5 32.3

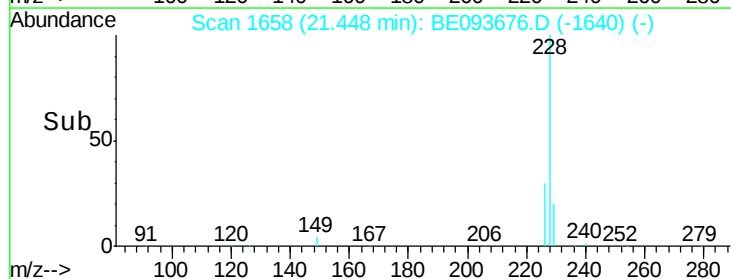
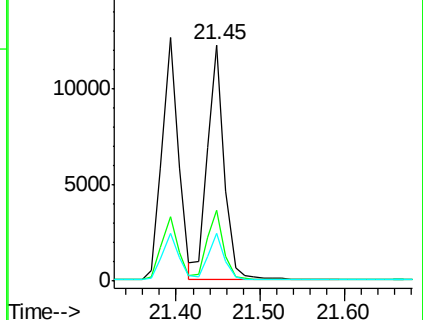
229 20.1 18.6 28.0

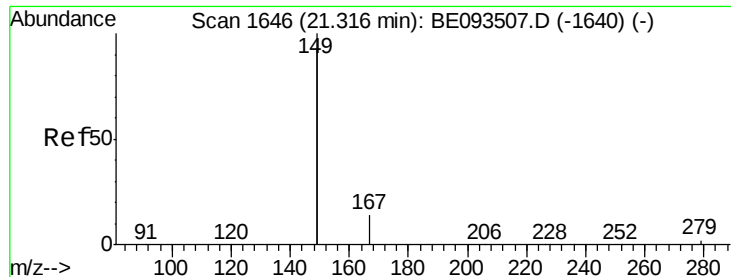


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.424 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

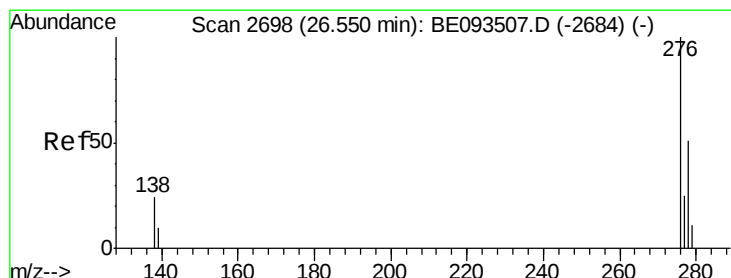
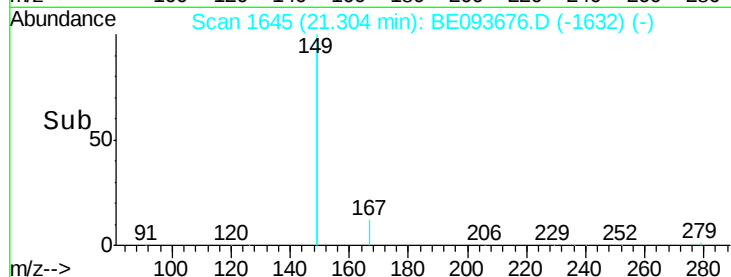
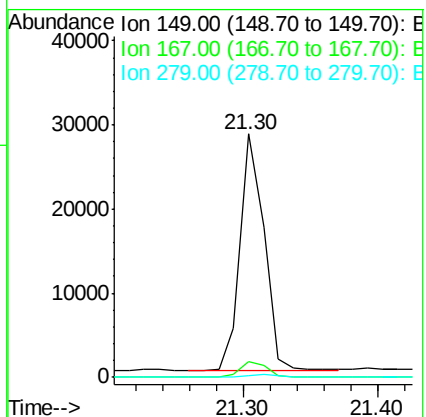
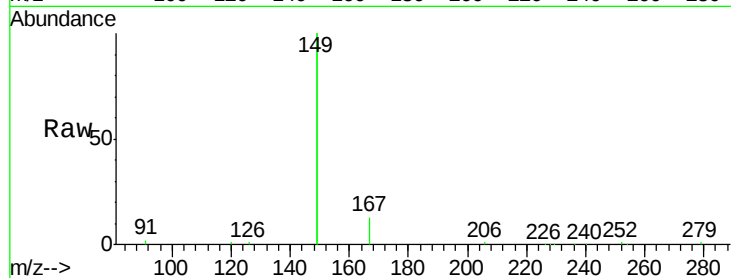
Tgt Ion:149 Resp: 34839

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

279 0.9 0.8 1.2



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.265 ng

RT: 26.56 min Scan# 2700

Delta R.T. 0.01 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

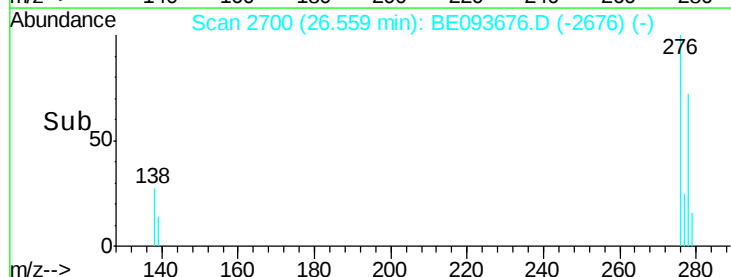
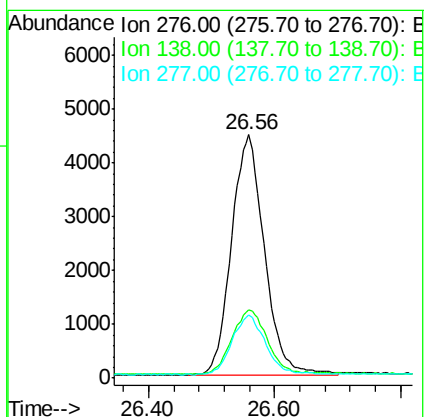
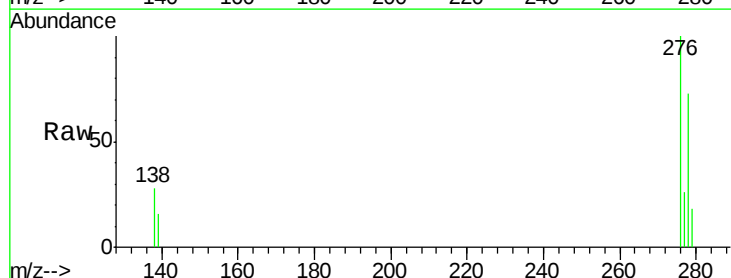
Tgt Ion:276 Resp: 16140

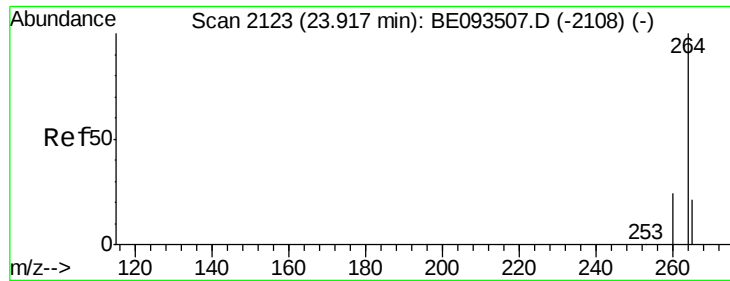
Ion Ratio Lower Upper

276 100

138 29.2 27.4 41.2

277 25.1 20.1 30.1

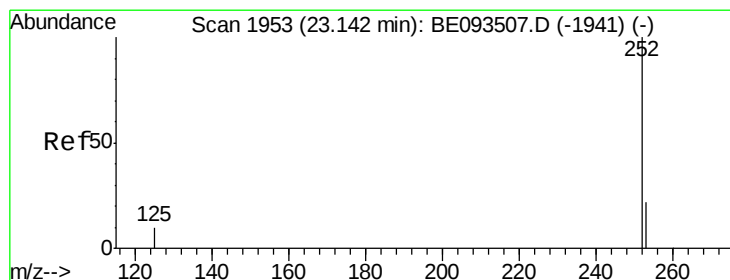
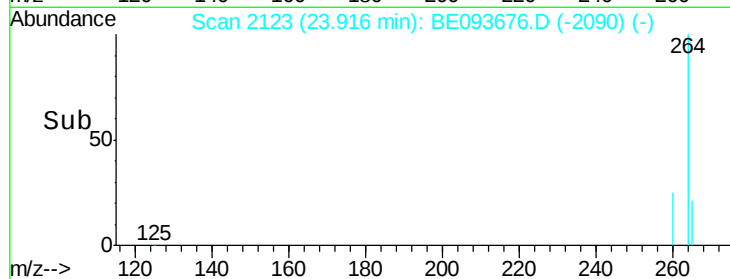
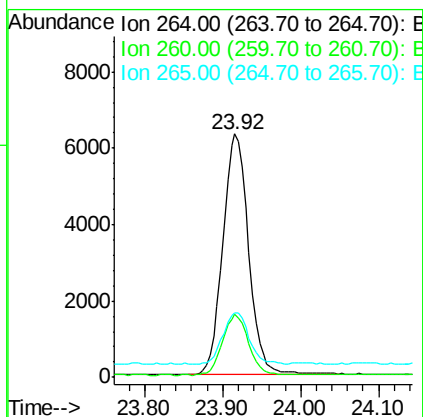
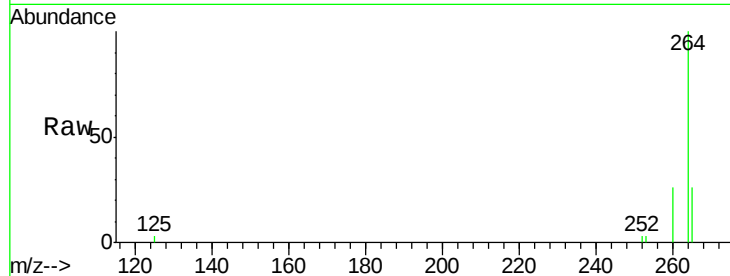




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BE093676.D
 Acq: 5 Aug 2017 15:47

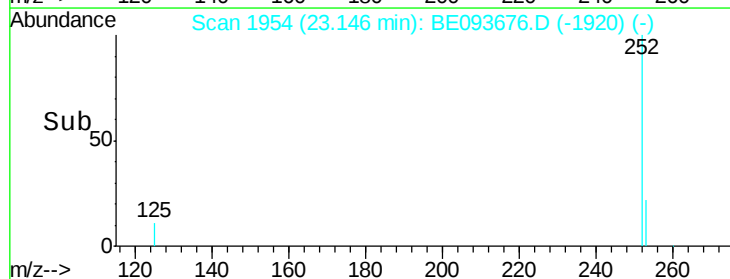
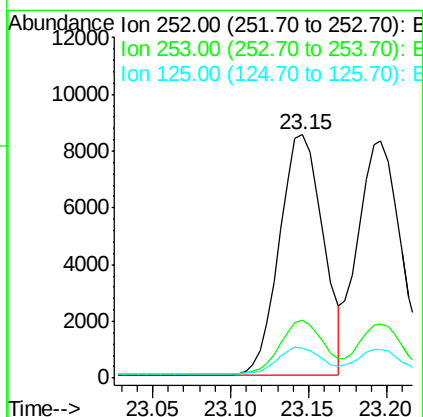
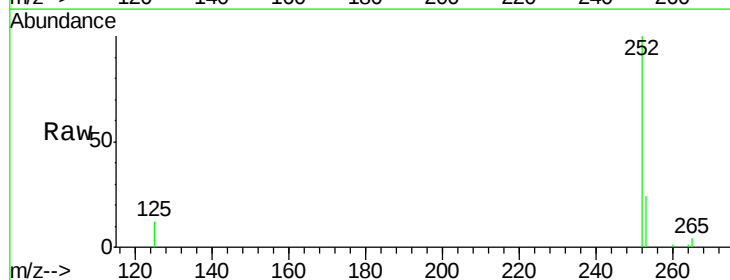
Instrument :
 BNA_E
 ClientSampleId :
 PB101214BS

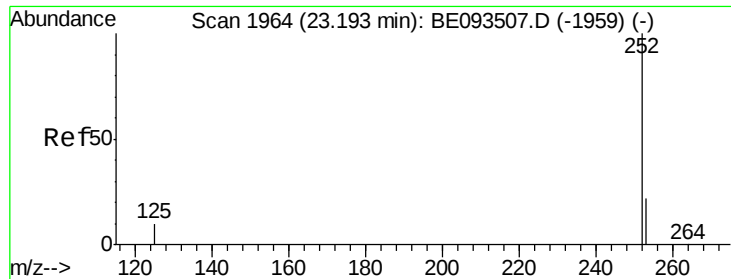
Tgt Ion:264 Resp: 14568
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.0 31.4
 265 26.3 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.316 ng
 RT: 23.15 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BE093676.D
 Acq: 5 Aug 2017 15:47

Tgt Ion:252 Resp: 16418
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.5 27.7
 125 12.4 13.4 20.0#

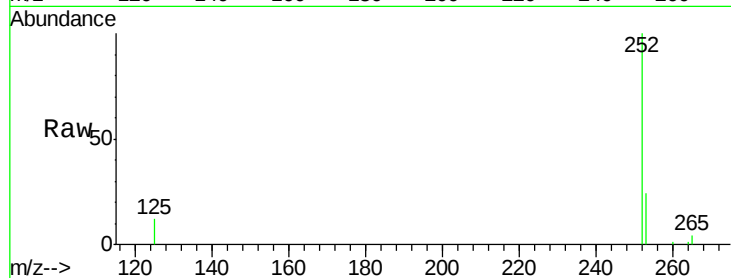




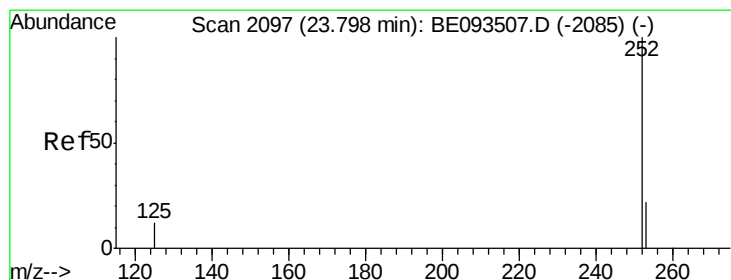
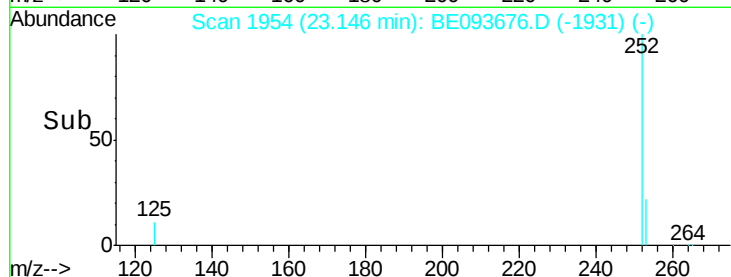
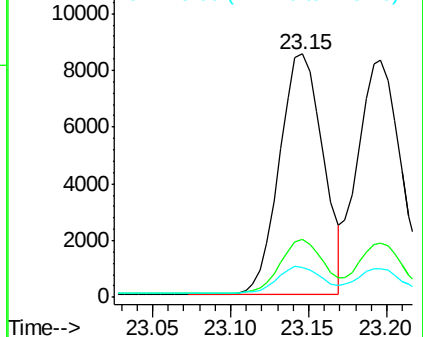
#36
Benzo(k)fluoranthene
Concen: 0.309 ng
RT: 23.15 min Scan# 1954
Delta R.T. -0.05 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Instrument :
BNA_E
ClientSampleId :
PB101214BS

Tgt Ion:252 Resp: 16418
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 12.4 12.2 18.4

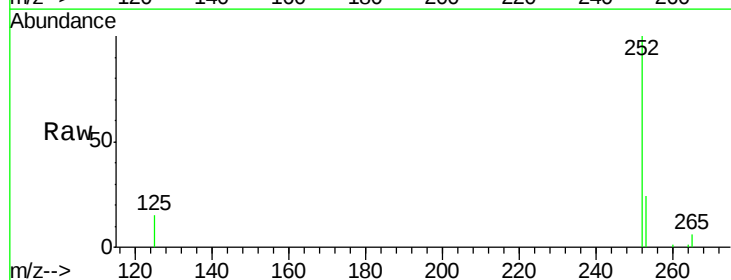


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

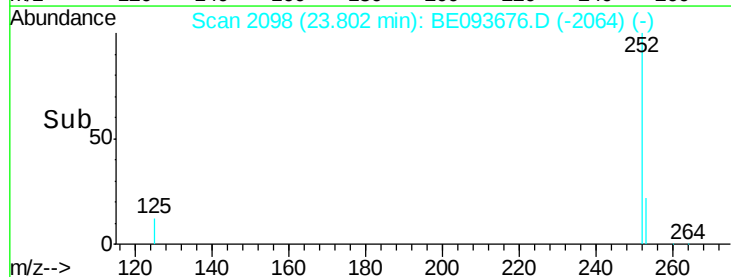
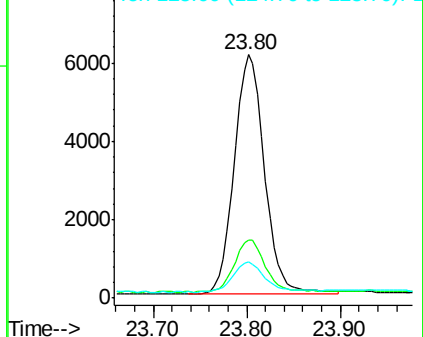


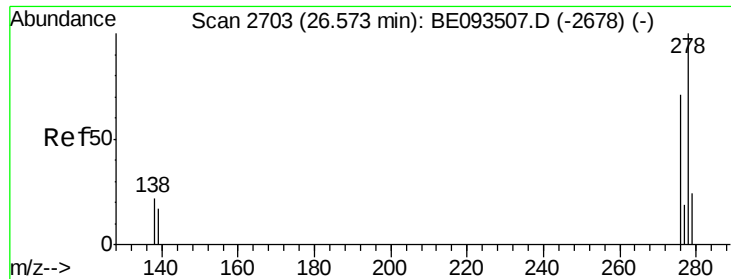
#37
Benzo(a)pyrene
Concen: 0.290 ng
RT: 23.80 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BE093676.D
Acq: 5 Aug 2017 15:47

Tgt Ion:252 Resp: 13645
Ion Ratio Lower Upper
252 100
253 23.9 19.9 29.9
125 14.7 14.6 21.8



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

Dibenzo(a,h)anthracene

Concen: 0.318 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

PB101214BS

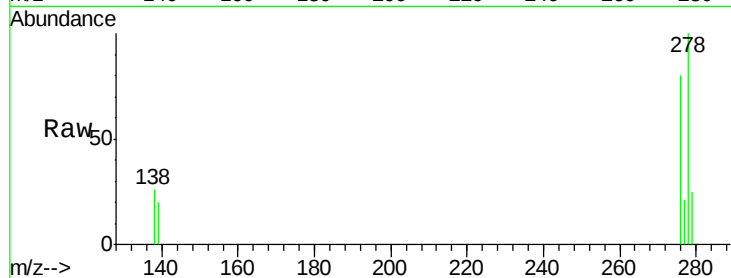
Tgt Ion:278 Resp: 14465

Ion Ratio Lower Upper

278 100

139 20.0 21.4 32.0#

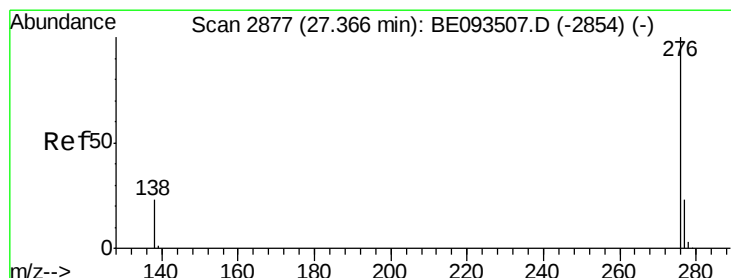
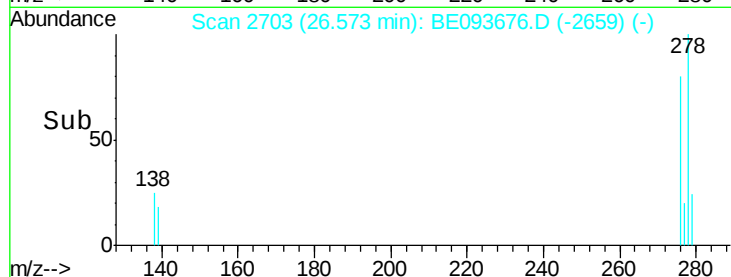
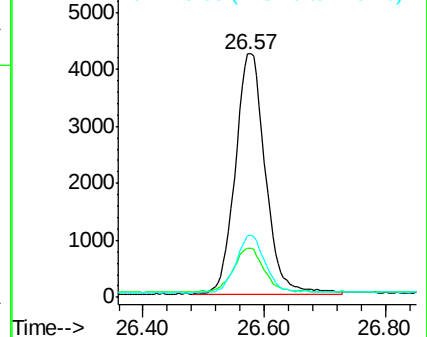
279 25.4 22.2 33.2



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: 0.291 ng

RT: 27.37 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BE093676.D

Acq: 5 Aug 2017 15:47

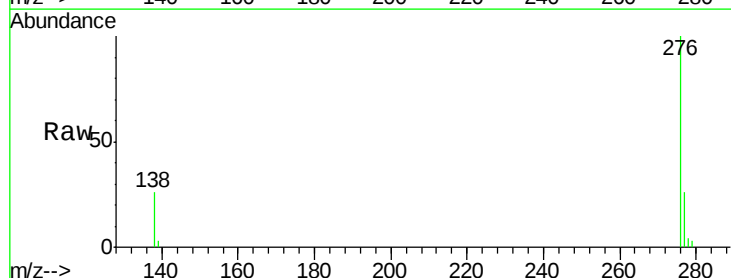
Tgt Ion:276 Resp: 13409

Ion Ratio Lower Upper

276 100

277 25.8 21.2 31.8

138 25.9 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

