

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093646.D
 Acq On : 3 Aug 2017 3:20
 Operator : SJ/JU
 Sample : PB100998BS
 Misc : I4426-07
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100998BS

Quant Time: Aug 03 04:23:52 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	2510	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	10592	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5033	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13010	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17904	0.40	ng	-0.01
34) Perylene-d12	23.91	264	10248	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	2847	0.38	ng	0.00
5) Phenol-d6	7.09	99	3760	0.33	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3004	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6684	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	477	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7281	0.36	ng	-0.02
25) Fluoranthene-d10	19.28	212	57378	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	12222	0.38	ng	0.00

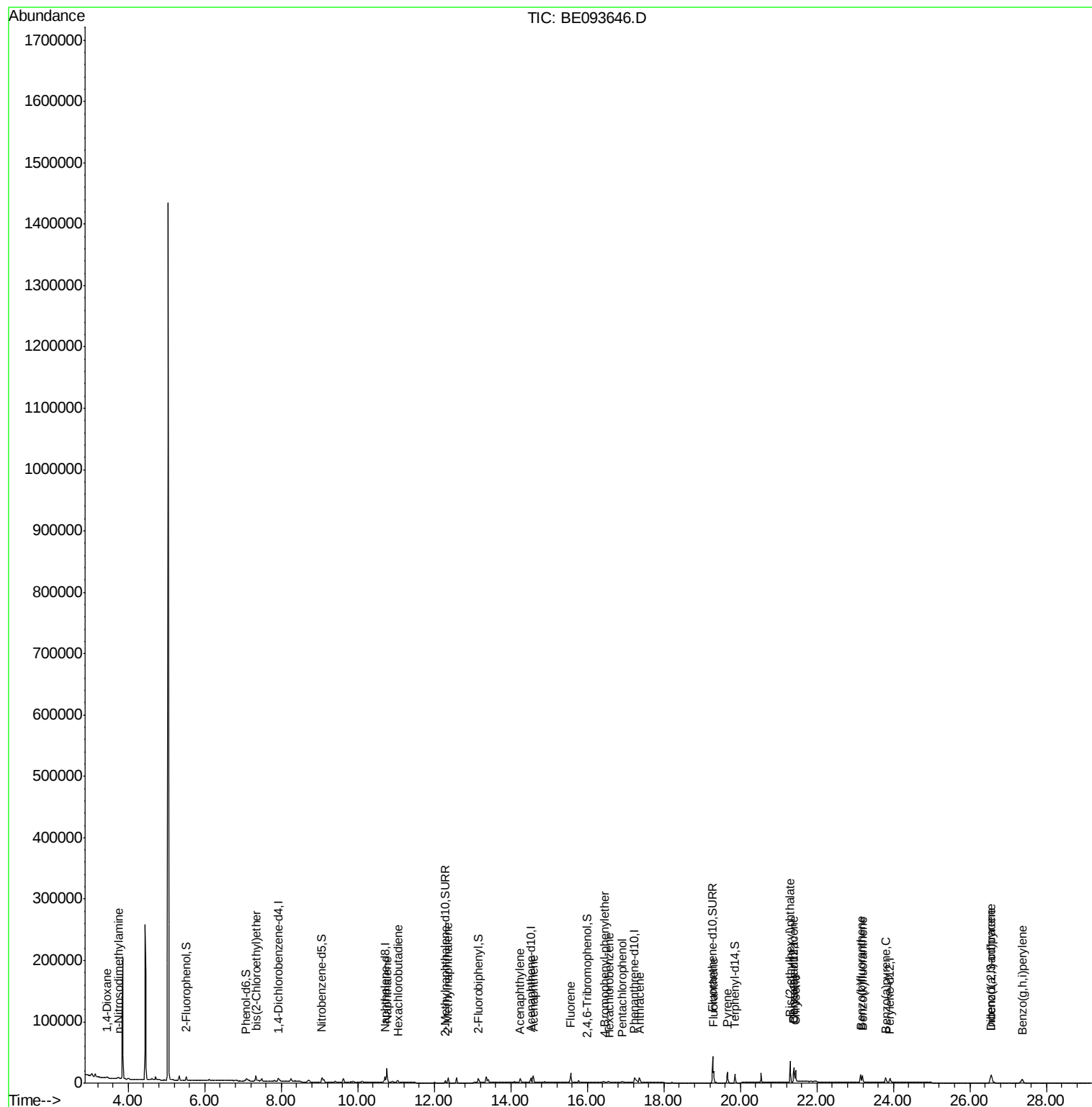
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	1800	0.442	ng	# 53
3) n-Nitrosodimethylamine	3.74	42	1769	0.464	ng	# 81
6) bis(2-Chloroethyl)ether	7.34	93	4004	0.423	ng	# 87
9) Naphthalene	10.76	128	38275	0.312	ng	99
10) Hexachlorobutadiene	11.04	225	1485	0.327	ng	99
12) 2-Methylnaphthalene	12.36	142	6288	0.310	ng	98
16) Acenaphthylene	14.24	152	7447	0.310	ng	# 88
17) Acenaphthene	14.58	154	5637	0.332	ng	99
18) Fluorene	15.56	166	7168	0.316	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	1310	0.310	ng	# 98
21) Hexachlorobenzene	16.58	284	1252	0.300	ng	# 100
22) Pentachlorophenol	16.91	266	1932	0.911	ng	95
24) Anthracene	17.37	178	22144	0.566	ng	# 90
26) Fluoranthene	19.30	202	17343	0.381	ng	99
28) Pyrene	19.66	202	16606	0.287	ng	# 98
30) Benzo(a)anthracene	21.39	228	18459	0.351	ng	95
31) Chrysene	21.45	228	19221	0.328	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	35318	0.492	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	17297	0.325	ng	94
35) Benzo(b)fluoranthene	23.14	252	18210	0.498	ng	# 96
36) Benzo(k)fluoranthene	23.19	252	17814	0.477	ng	96
37) Benzo(a)pyrene	23.80	252	13199	0.398	ng	96
38) Dibenzo(a,h)anthracene	26.56	278	15976	0.500	ng	# 91
39) Benzo(g,h,i)perylene	27.36	276	14219	0.438	ng	93

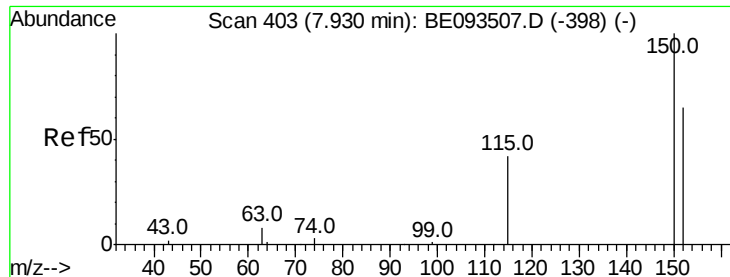
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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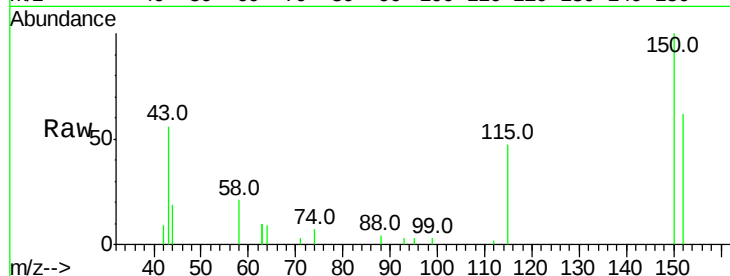


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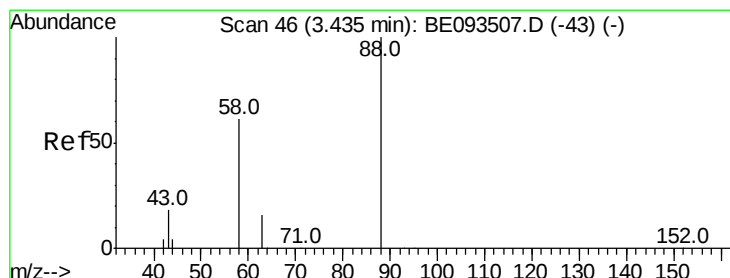
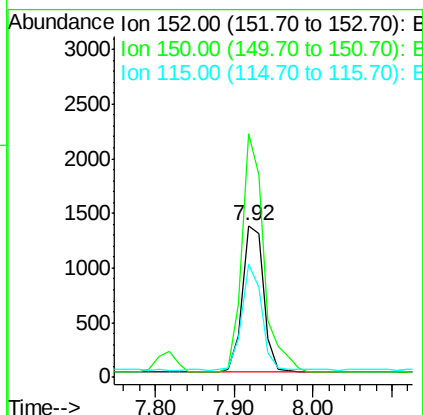
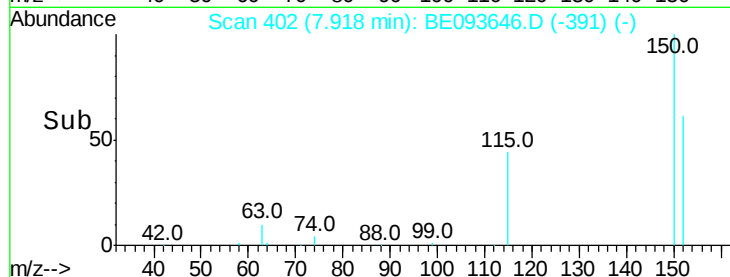
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Instrument :
BNA_E
ClientSampleId :
PB100998BS

Tot Ion:152 Resp: 2510
Ion Ratio Lower Upper
152 100
150 160.5 125.1 187.7
115 74.9 55.7 83.5



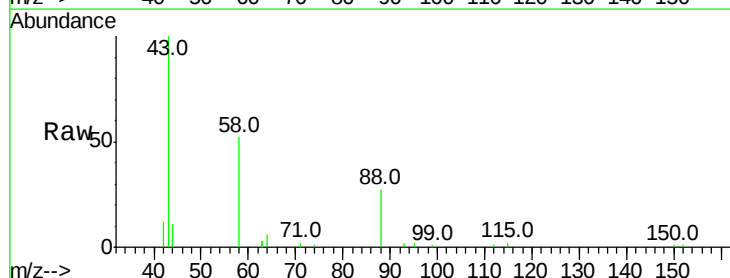
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



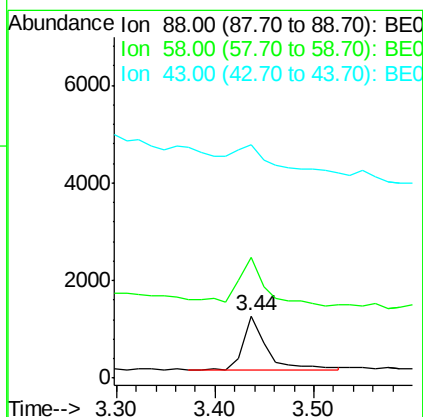
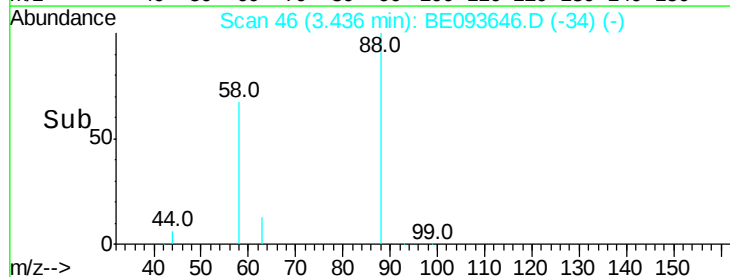
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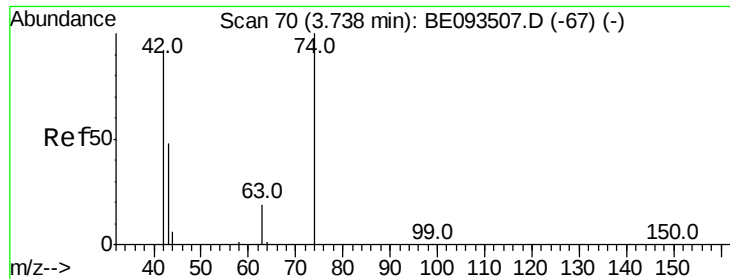
1,4-Dioxane
Concen: 0.442 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Tgt Ion: 88 Resp: 1800
Ion Ratio Lower Upper
88 100
58 105.6 62.2 93.4#
43 76.5 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



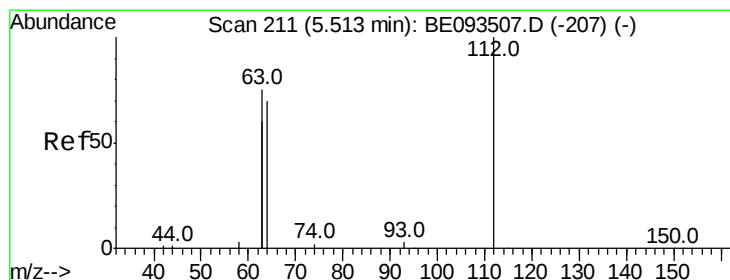
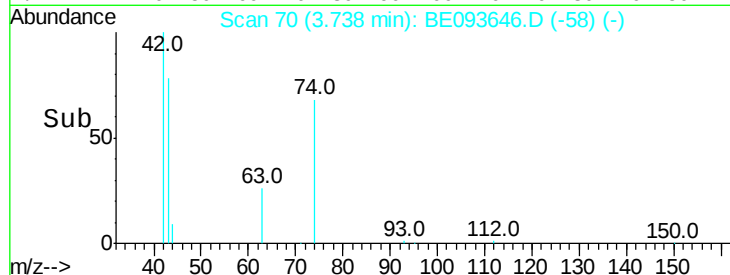
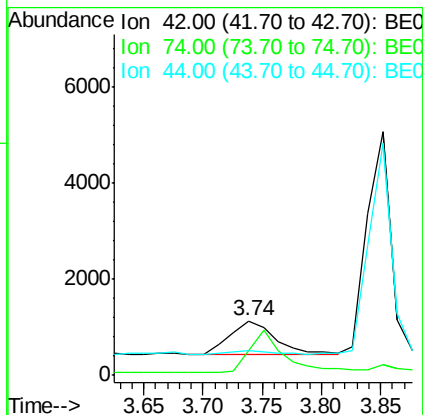
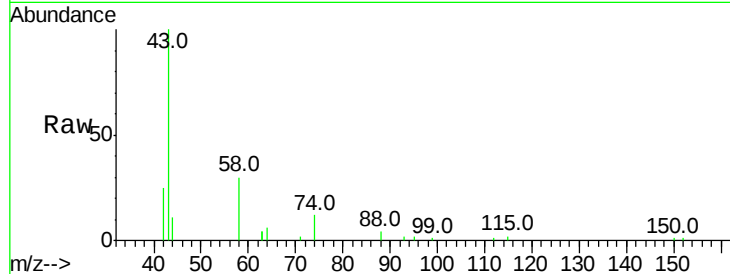


#3

n-Nitrosodimethylamine
Concen: 0.464 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Instrument :
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PB100998BS

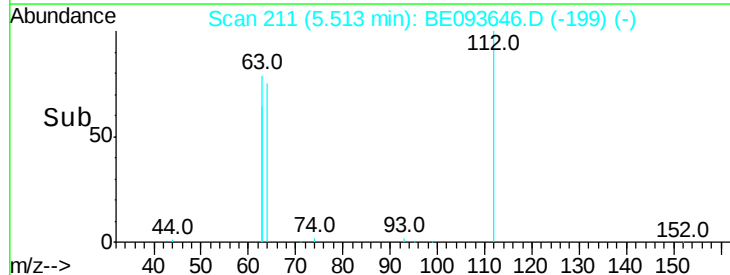
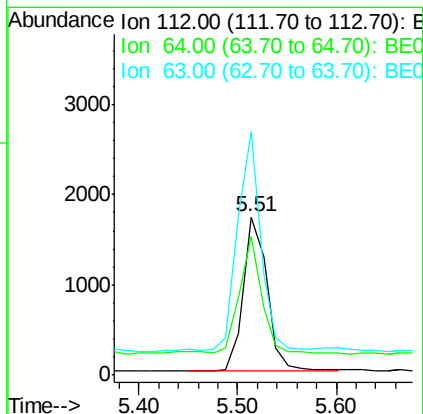
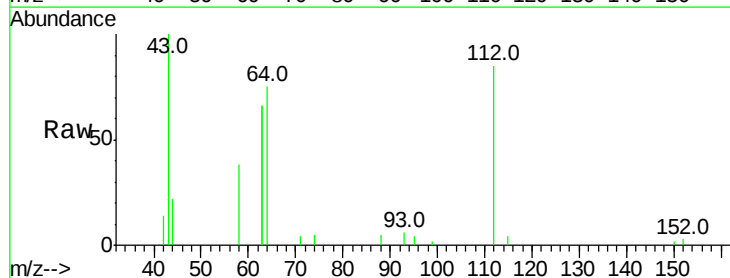
Tot Ion: 42 Resp: 1769
Ion Ratio Lower Upper
42 100
74 101.4 99.1 148.7
44 11.9 7.4 11.2#

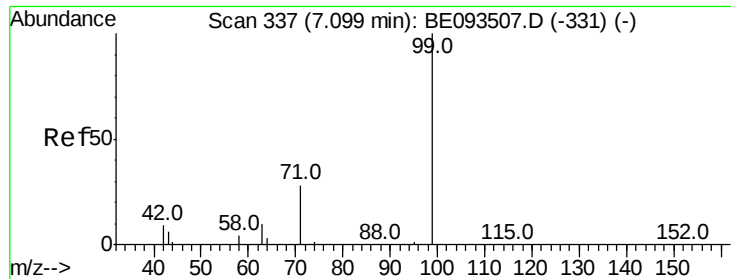


#4

2-Fluorophenol
Concen: 0.381 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Tgt Ion: 112 Resp: 2847
Ion Ratio Lower Upper
112 100
64 69.5 56.4 84.6
63 140.3 29.3 43.9#





#5

Phenol-d6

Concen: 0.334 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

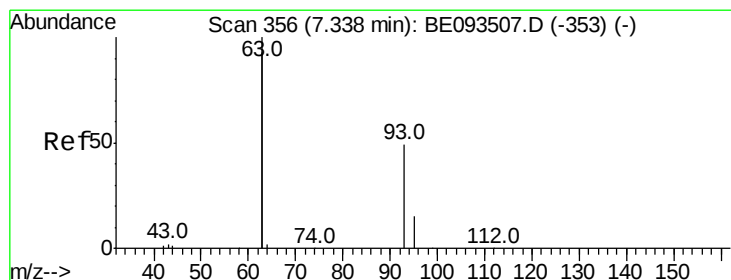
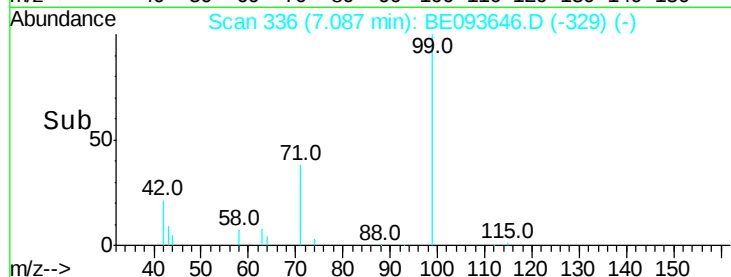
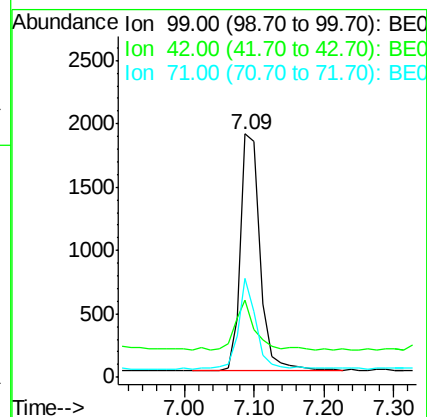
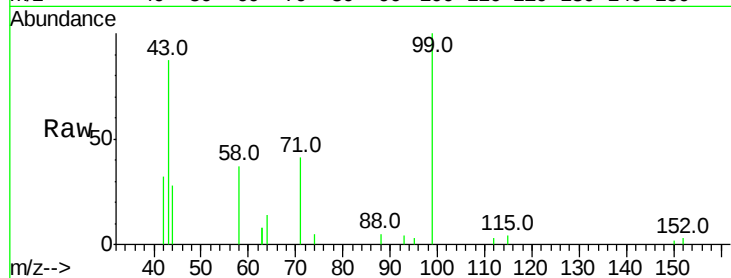
Tot Ion: 99 Resp: 3760

Ion Ratio Lower Upper

99 100

42 21.9 0.0 0.0#

71 34.8 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

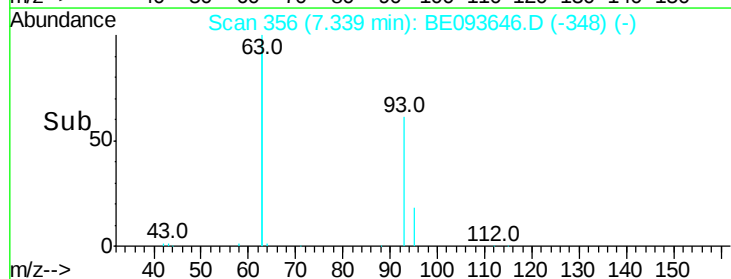
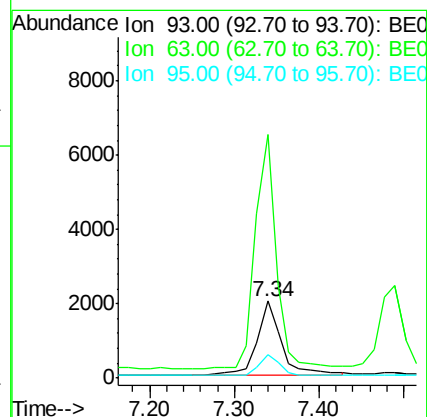
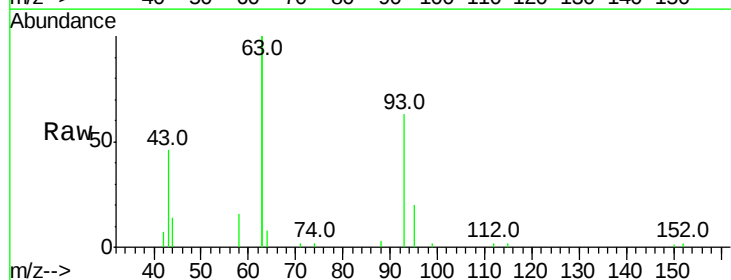
Tgt Ion: 93 Resp: 4004

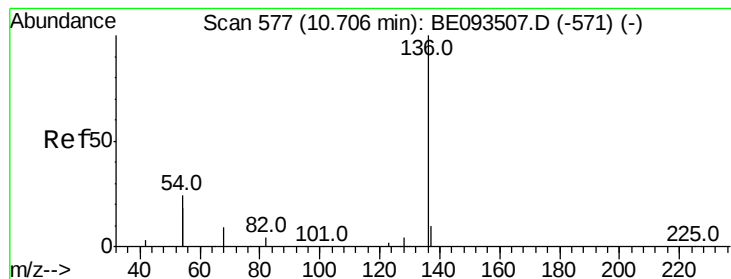
Ion Ratio Lower Upper

93 100

63 273.7 0.0 0.0#

95 24.3 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: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

Tot Ion:136 Resp: 10592

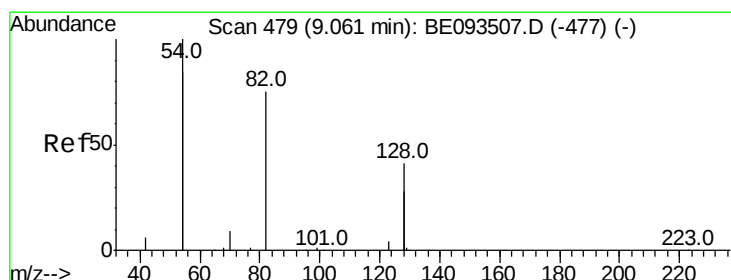
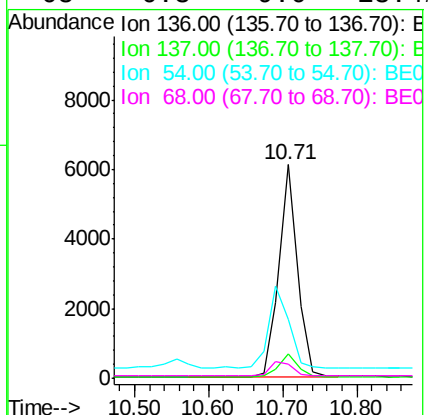
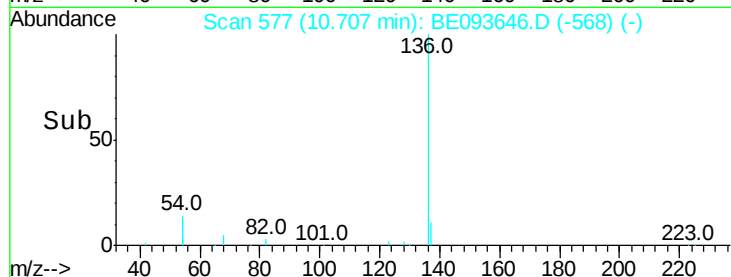
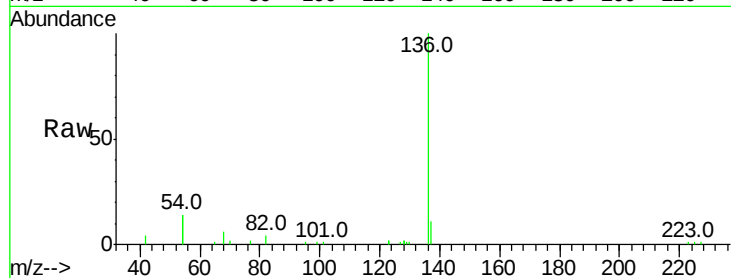
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 27.4 10.3 15.5#

68 6.3 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

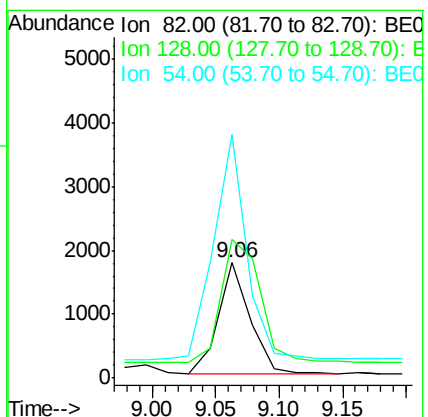
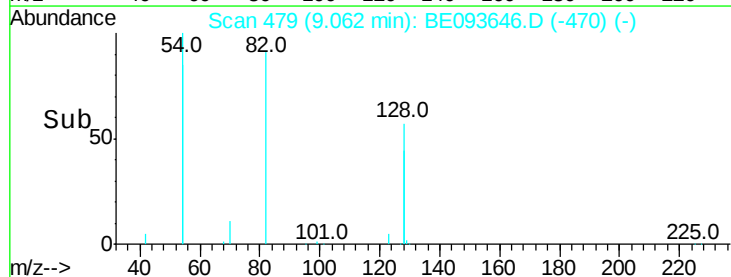
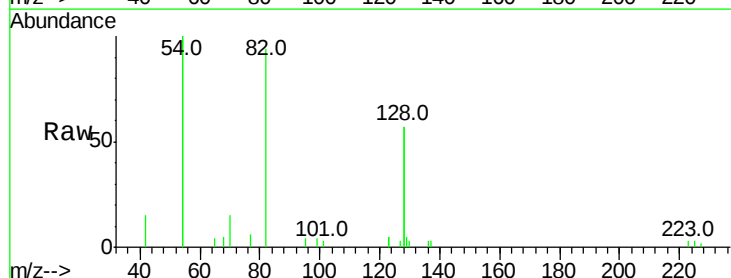
Tgt Ion: 82 Resp: 3004

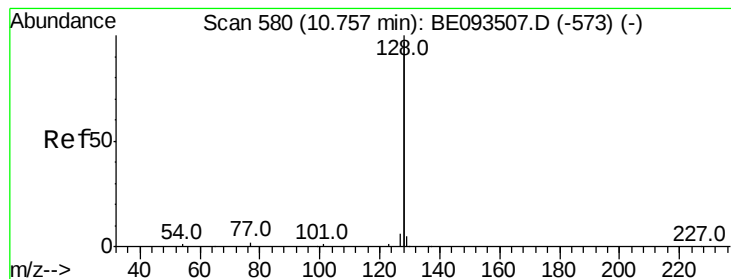
Ion Ratio Lower Upper

82 100

128 120.4 17.0 25.4#

54 211.7 53.8 80.6#





#9

Naphthalene

Concen: 0.312 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

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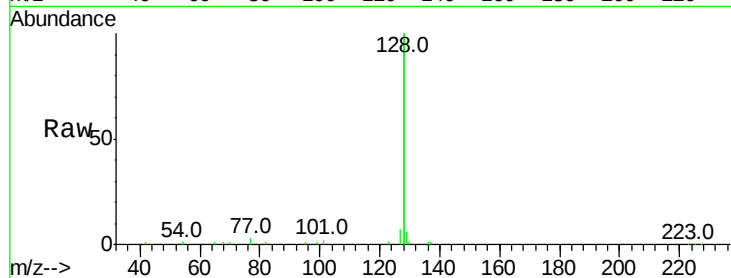
Tot Ion:128 Resp: 38275

Ion Ratio Lower Upper

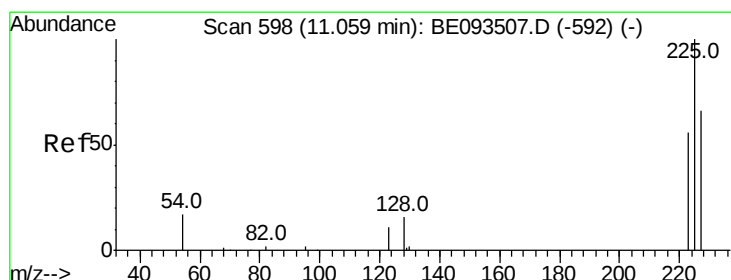
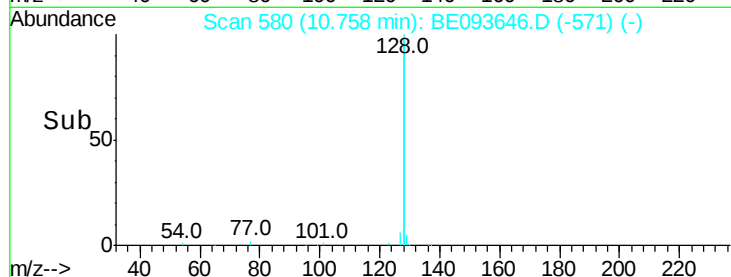
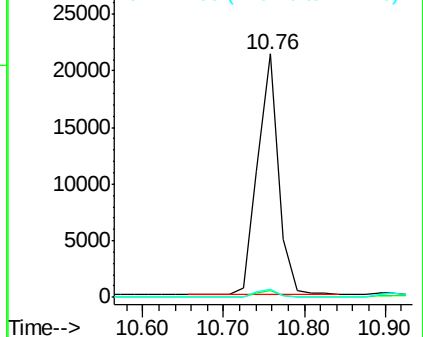
128 100

129 2.9 2.4 3.6

127 3.5 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: 0.327 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

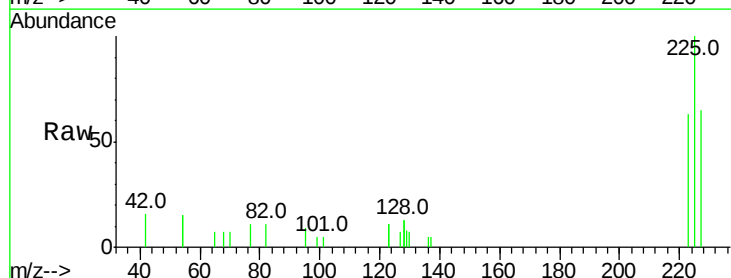
Tgt Ion:225 Resp: 1485

Ion Ratio Lower Upper

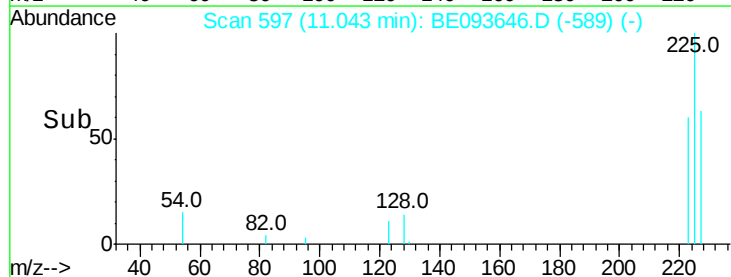
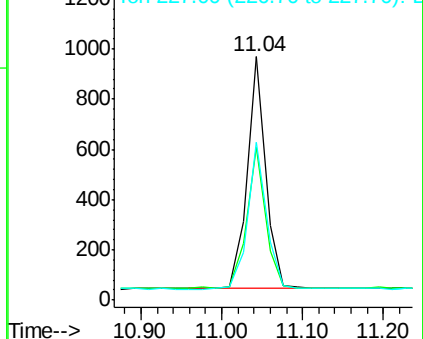
225 100

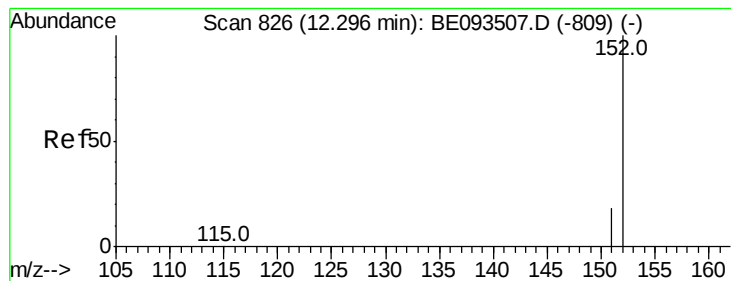
223 60.9 49.7 74.5

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: 0.399 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

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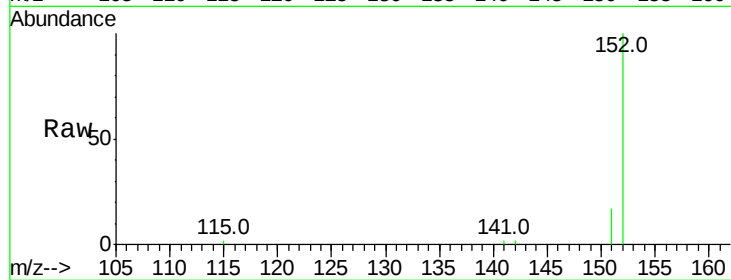
PB100998BS

Tot Ion:152 Resp: 6684

Ion Ratio Lower Upper

152 100

151 15.2 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

4000

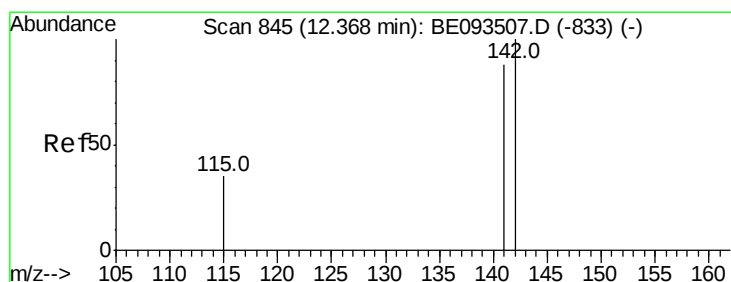
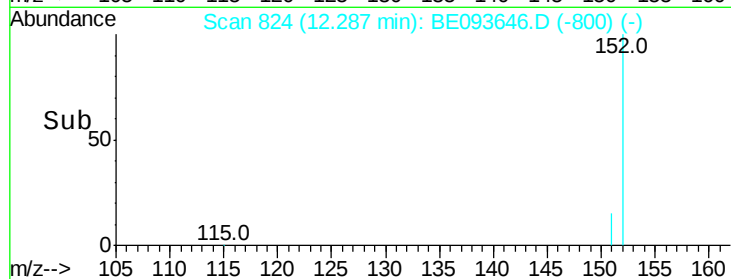
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.310 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

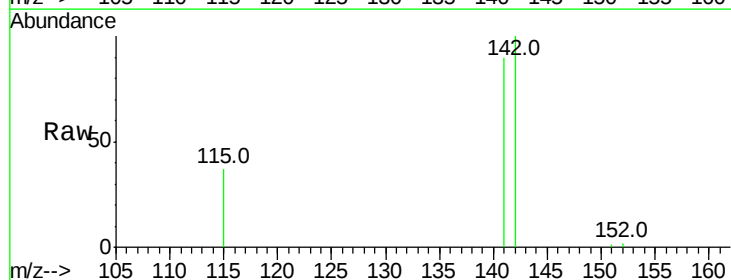
Tgt Ion:142 Resp: 6288

Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8

115 37.3 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

5000

4000

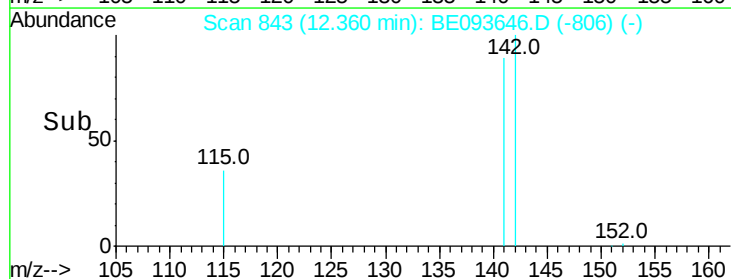
3000

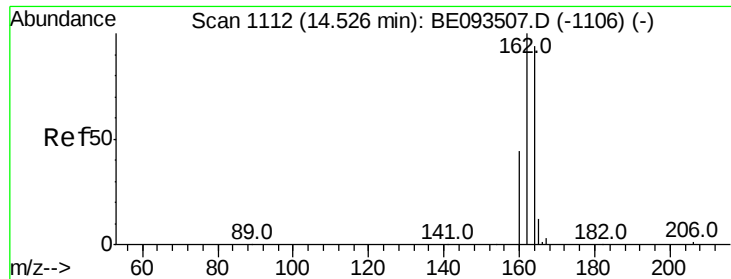
2000

1000

0

Time--> 12.30 12.40 12.50

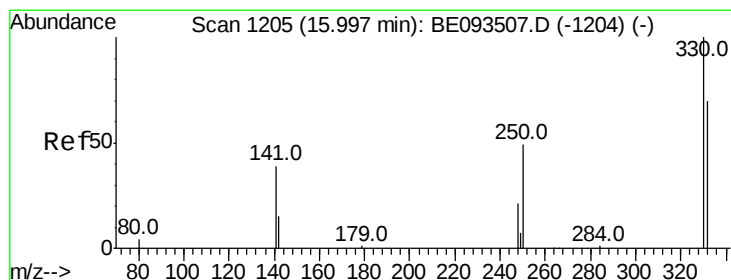
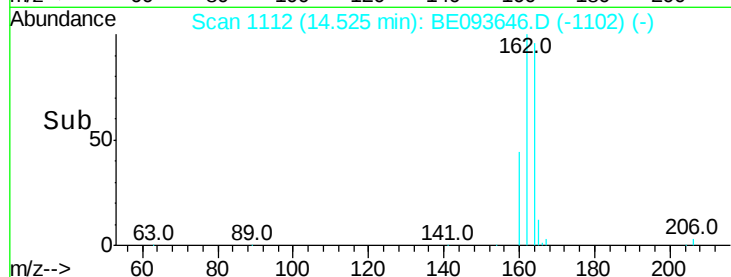
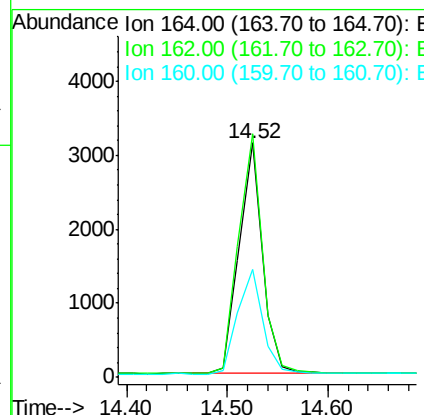
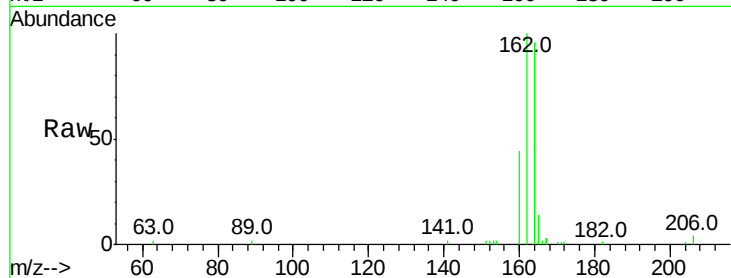




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093646.D
 Acq: 3 Aug 2017 3:20

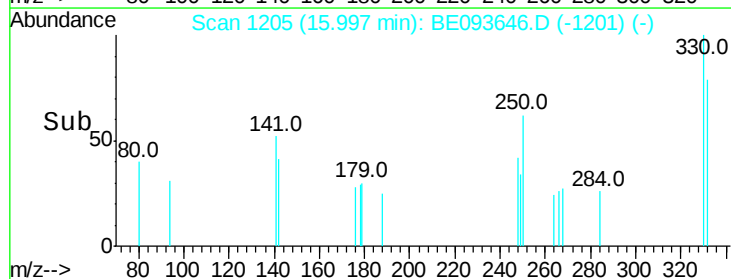
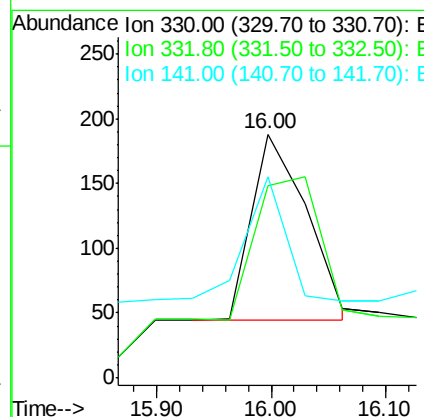
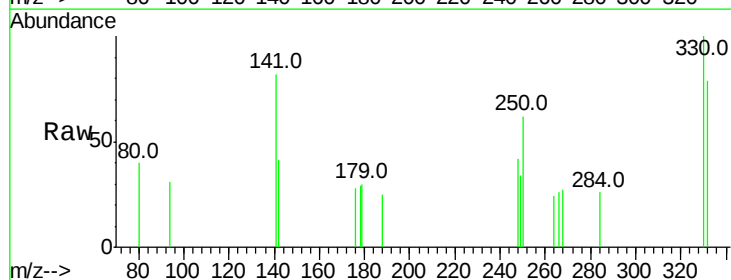
Instrument :
 BNA_E
 ClientSampleId :
 PB100998BS

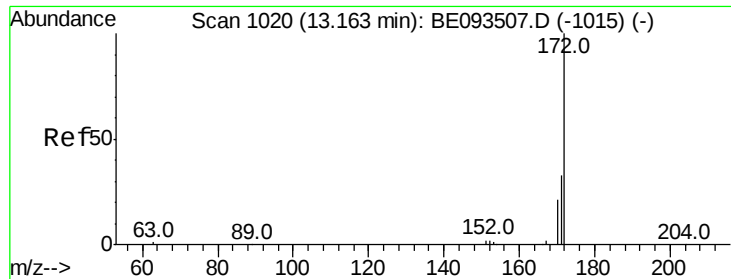
Tot Ion:164 Resp: 5033
 Ion Ratio Lower Upper
 164 100
 162 103.8 84.6 127.0
 160 46.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093646.D
 Acq: 3 Aug 2017 3:20

Tgt Ion:330 Resp: 477
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 47.6 56.2 84.4#

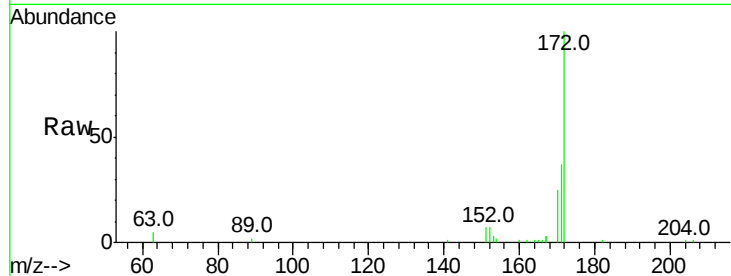




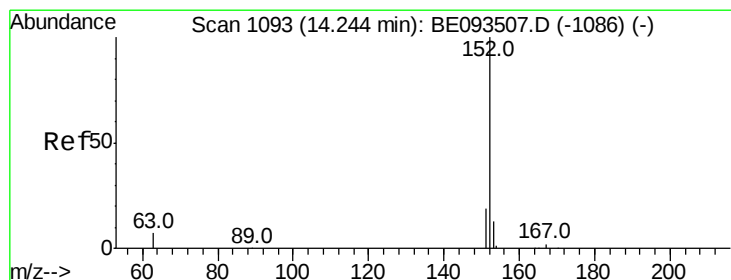
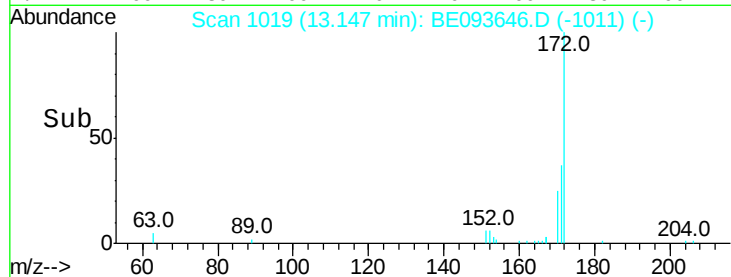
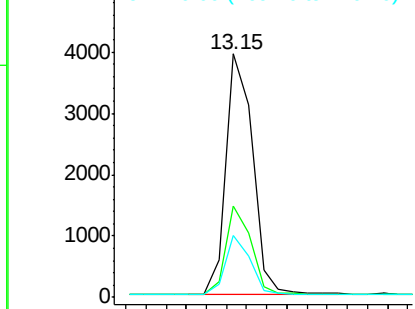
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Instrument :
BNA_E
ClientSampleId :
PB100998BS

Tot Ion:172 Resp: 7281
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.3 20.7 31.1

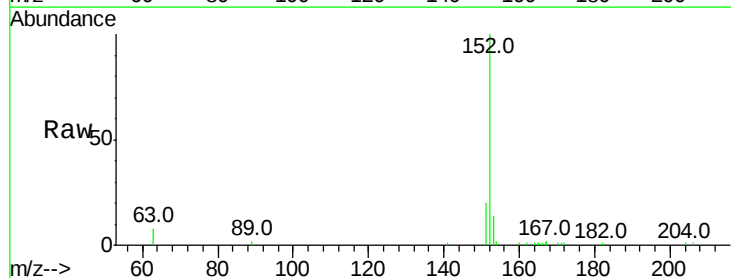


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

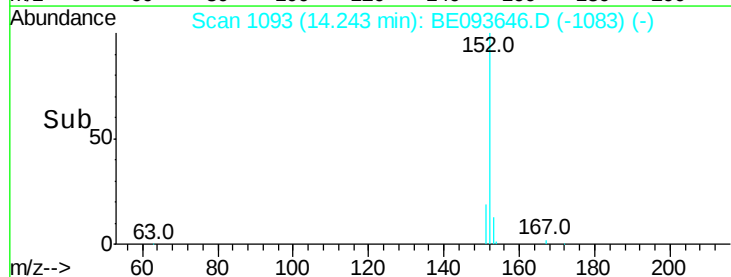
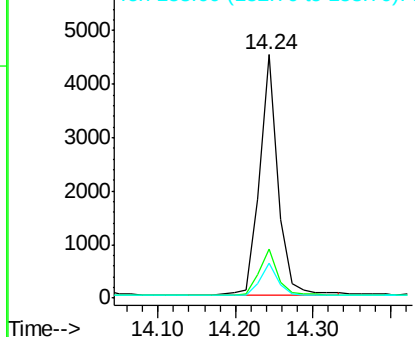


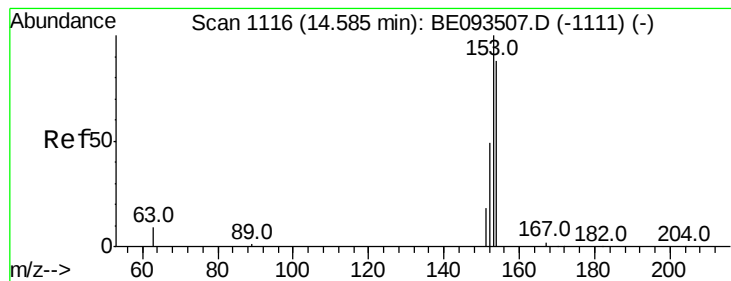
#16
Acenaphthylene
Concen: 0.310 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Tgt Ion:152 Resp: 7447
Ion Ratio Lower Upper
152 100
151 19.3 4.0 6.0#
153 12.7 10.3 15.5



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: 0.332 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

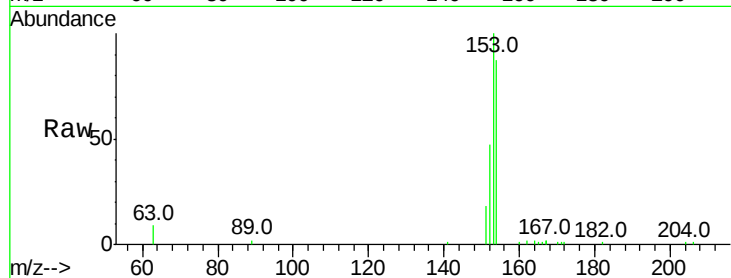
Tot Ion:154 Resp: 5637

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

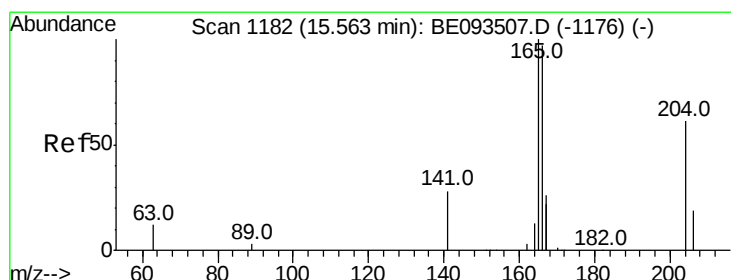
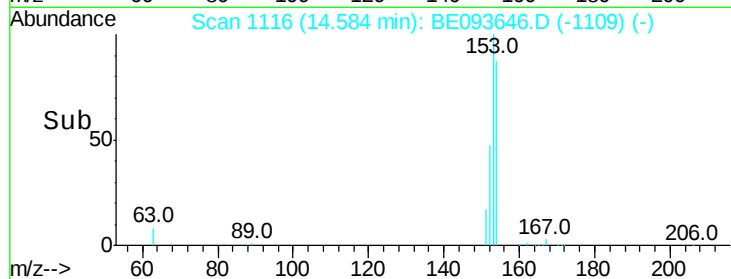
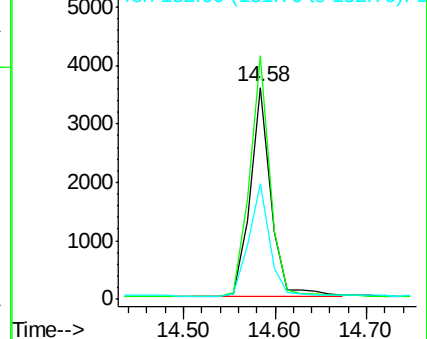
152 54.1 44.8 67.2



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: 0.316 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

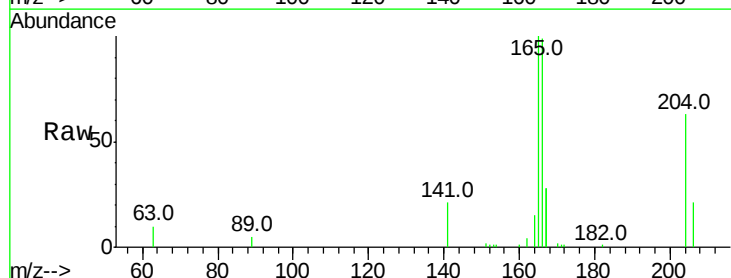
Tgt Ion:166 Resp: 7168

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

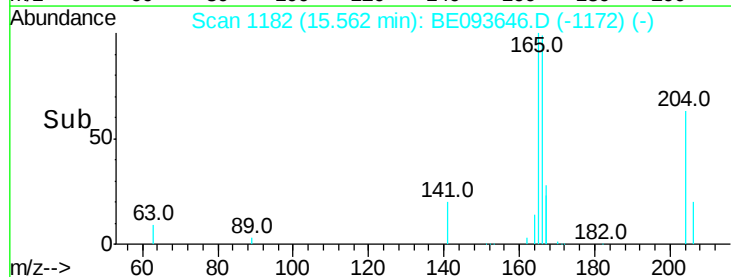
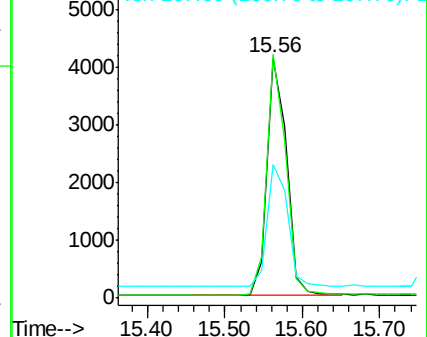
167 54.5 11.1 16.7#

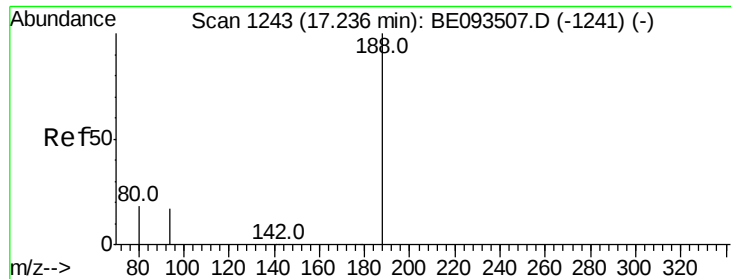


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

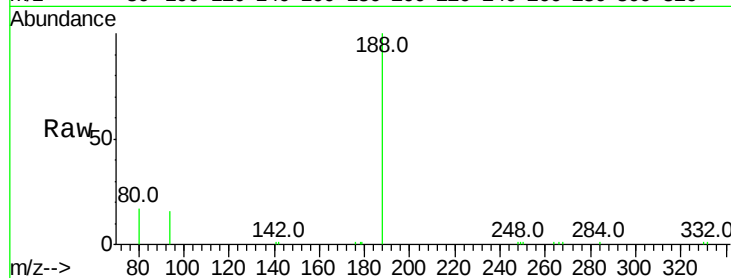
Tot Ion:188 Resp: 13010

Ion Ratio Lower Upper

188 100

94 16.0 11.3 16.9

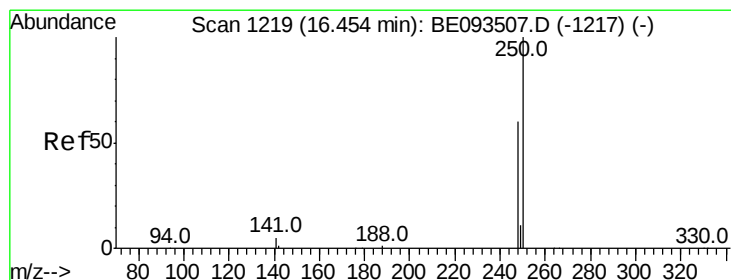
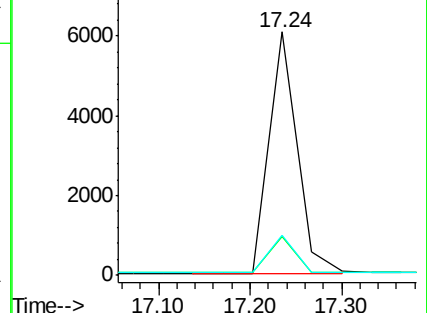
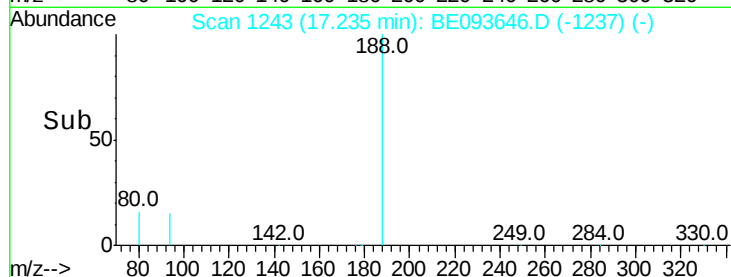
80 16.7 11.7 17.5



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: 0.310 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

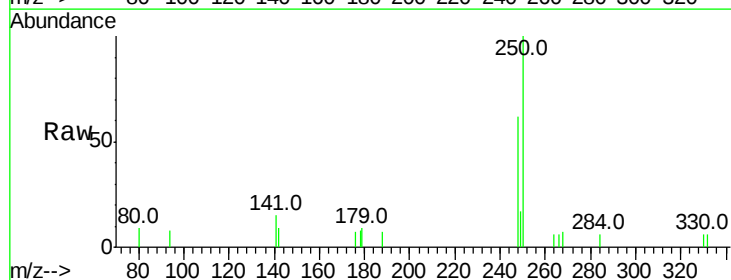
Tgt Ion:248 Resp: 1310

Ion Ratio Lower Upper

248 100

250 160.4 128.0 192.0

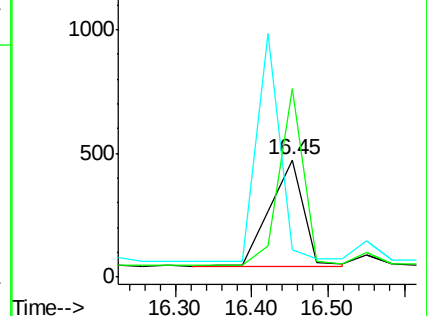
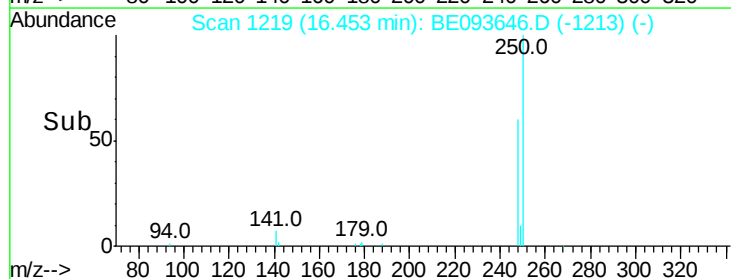
141 23.6 12.0 18.0#

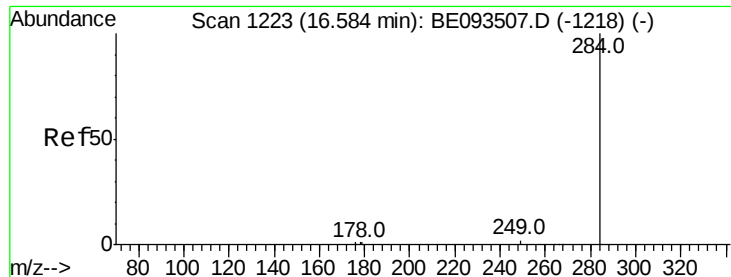


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.300 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

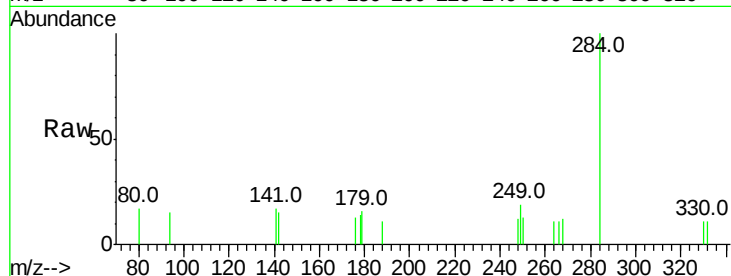
Tot Ion:284 Resp: 1252

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

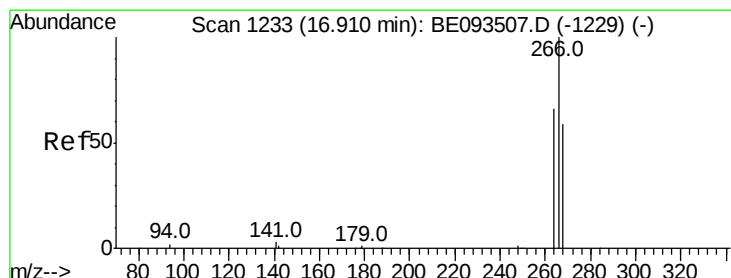
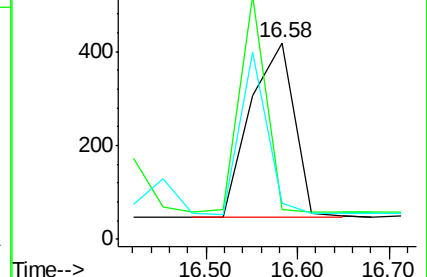
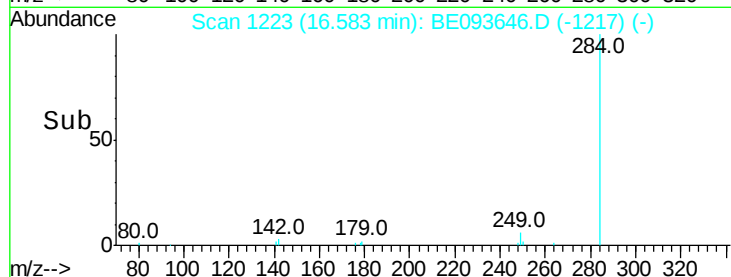
249 0.0 0.0 0.0



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: 0.911 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

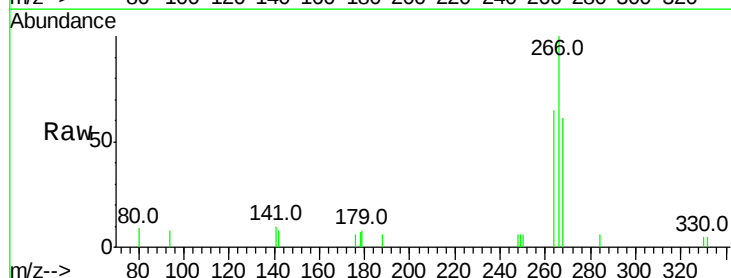
Tgt Ion:266 Resp: 1932

Ion Ratio Lower Upper

266 100

264 65.2 56.0 84.0

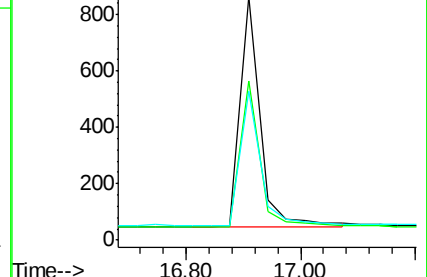
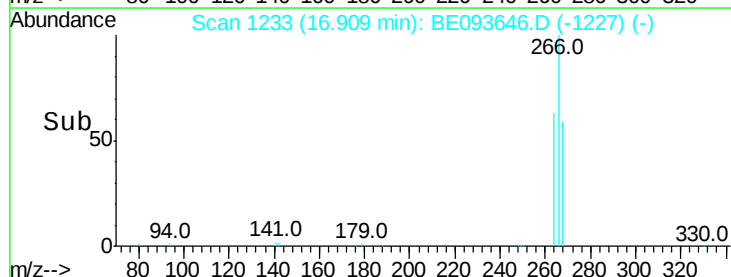
268 61.3 52.0 78.0

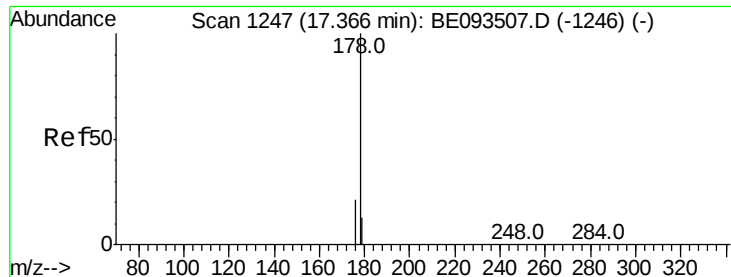


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.566 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

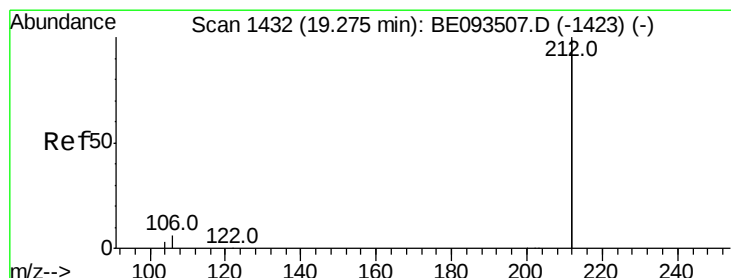
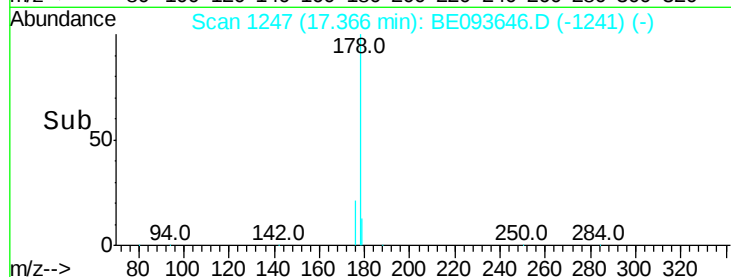
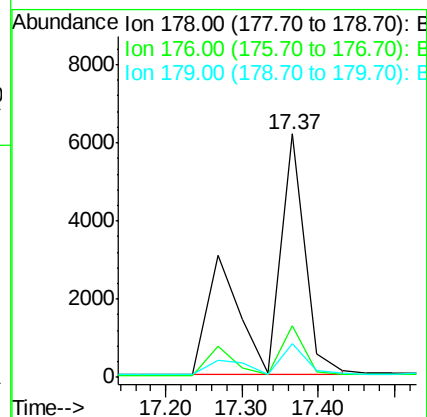
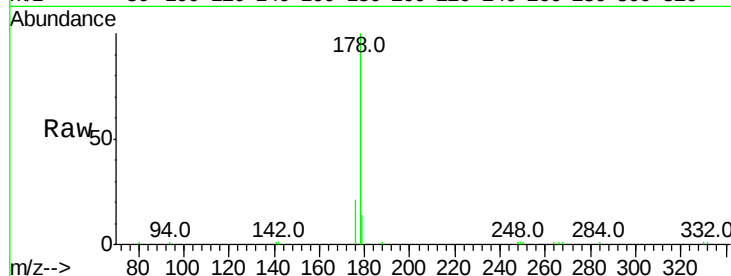
Tot Ion:178 Resp: 22144

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

179 13.7 12.0 18.0



#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

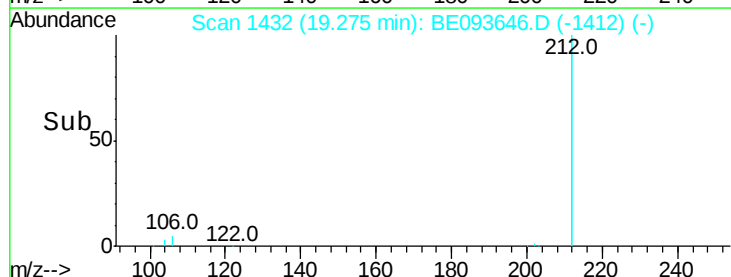
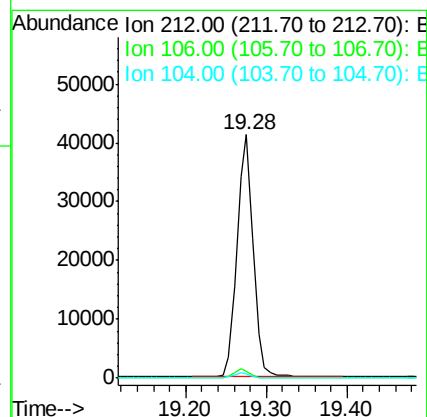
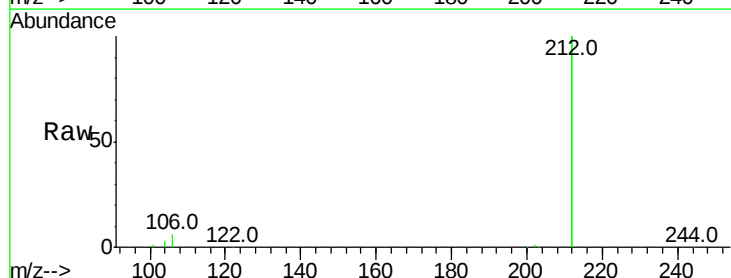
Tgt Ion:212 Resp: 57378

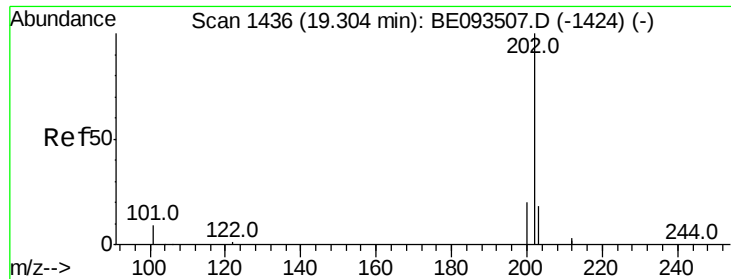
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 2.0 1.6 2.4

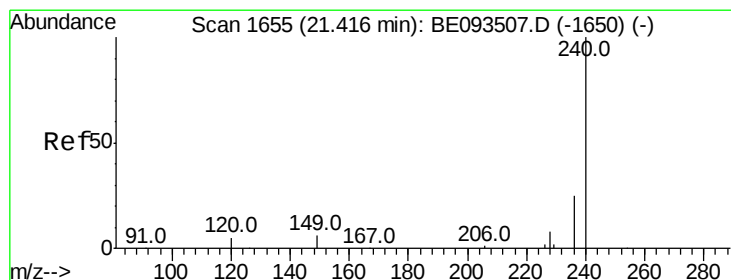
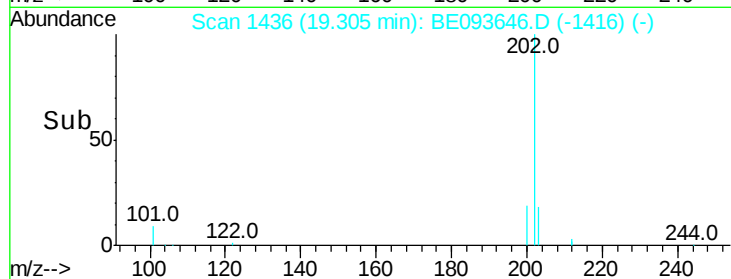
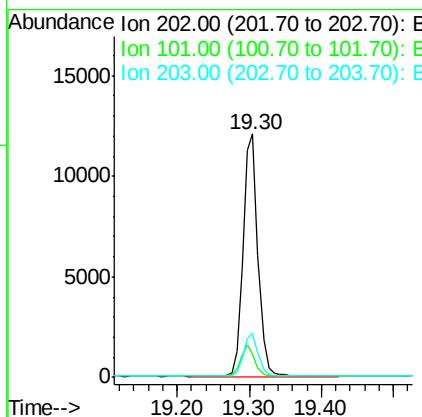
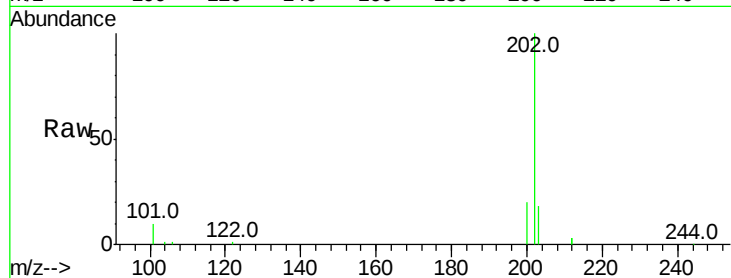




#26
 Fluoranthene
 Concen: 0.381 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093646.D
 Acq: 3 Aug 2017 3:20

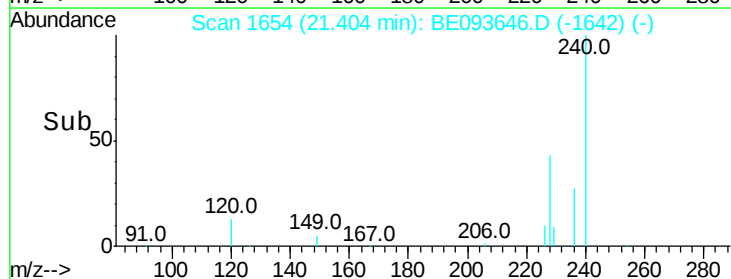
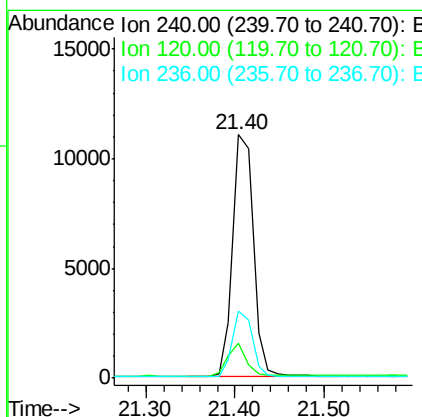
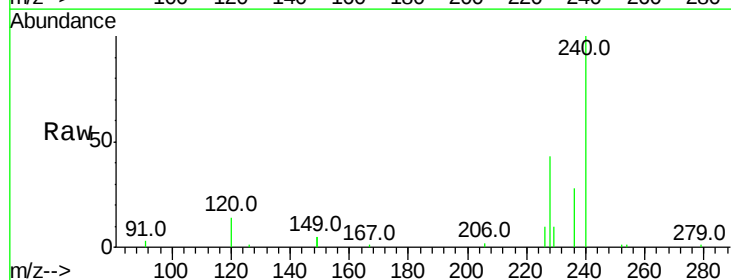
Instrument :
 BNA_E
 ClientSampleId :
 PB100998BS

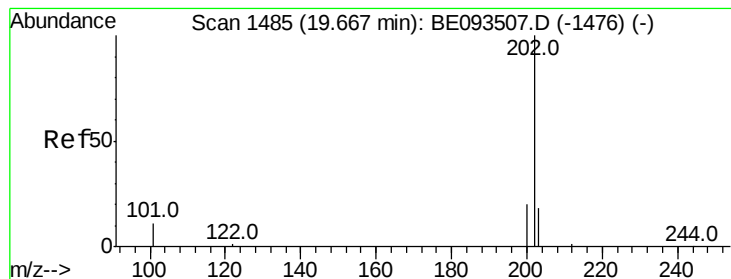
Tot Ion:202 Resp: 17343
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.6 14.4
 203 17.2 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093646.D
 Acq: 3 Aug 2017 3:20

Tgt Ion:240 Resp: 17904
 Ion Ratio Lower Upper
 240 100
 120 14.2 4.6 7.0#
 236 27.8 20.8 31.2





#28

Pvrene

Concen: 0.287 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

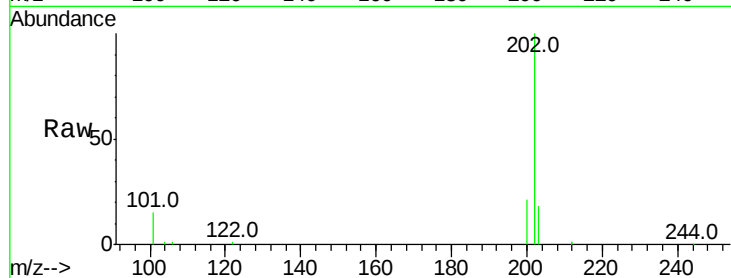
Tot Ion:202 Resp: 16606

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

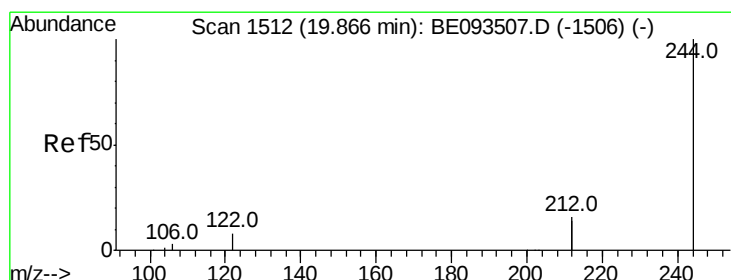
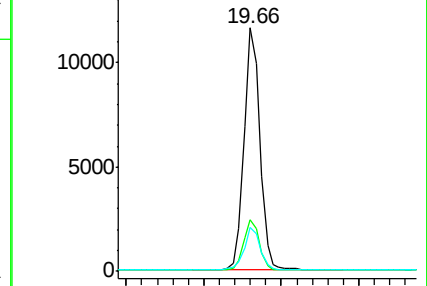
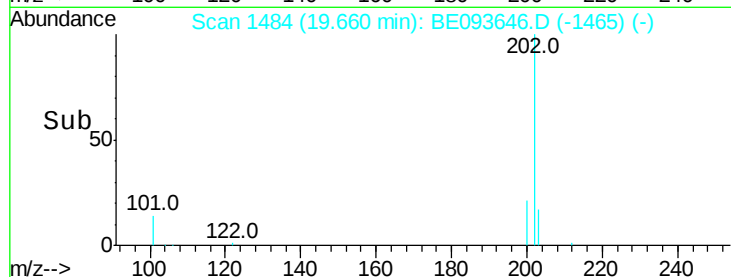
203 17.9 13.7 20.5



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



#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

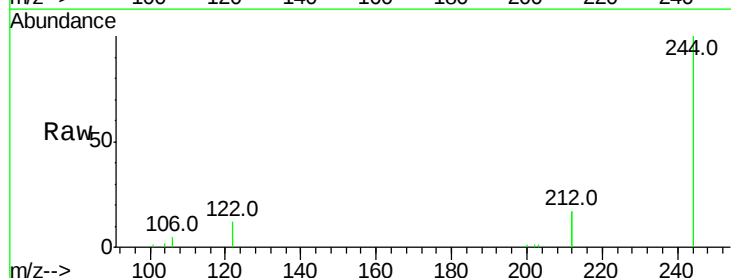
Tgt Ion:244 Resp: 12222

Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

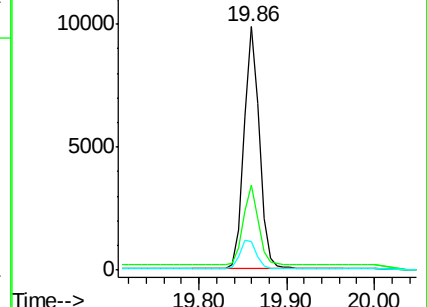
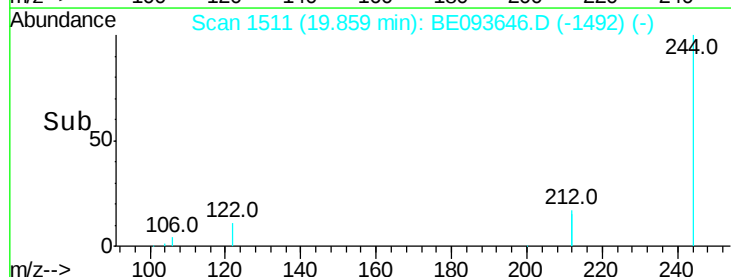
122 11.8 15.4 23.0#

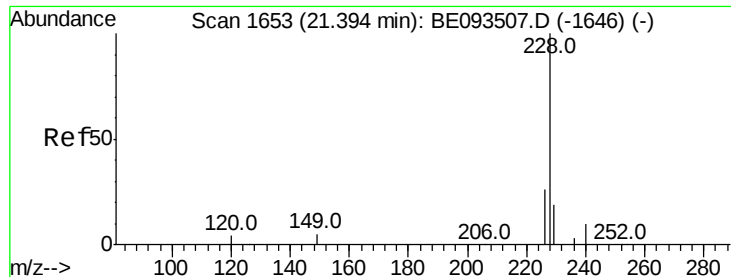


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.351 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

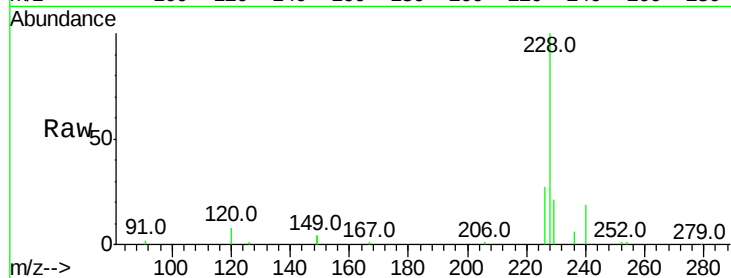
Tot Ion:228 Resp: 18459

Ion Ratio Lower Upper

228 100

226 26.5 19.7 29.5

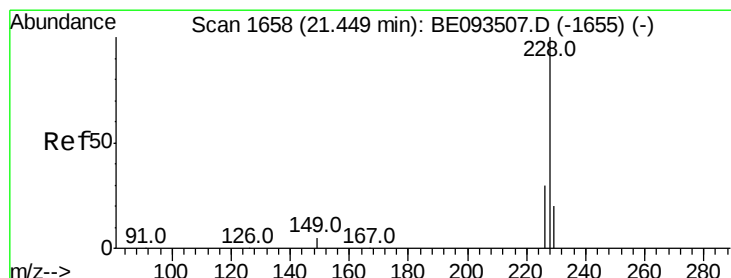
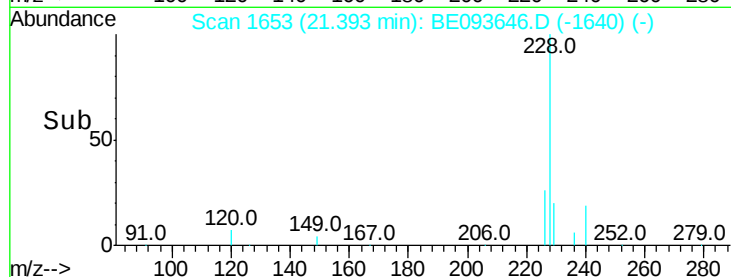
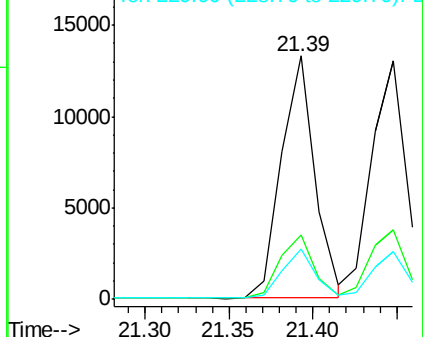
229 20.6 19.2 28.8



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: 0.328 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

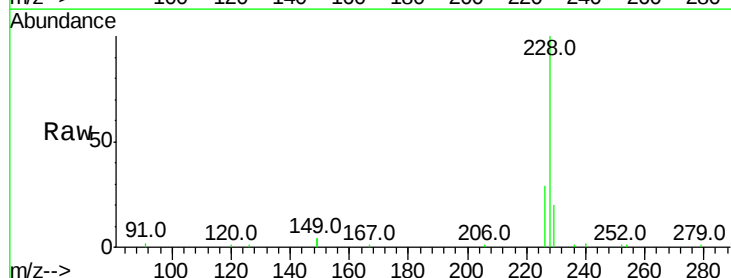
Tgt Ion:228 Resp: 19221

Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

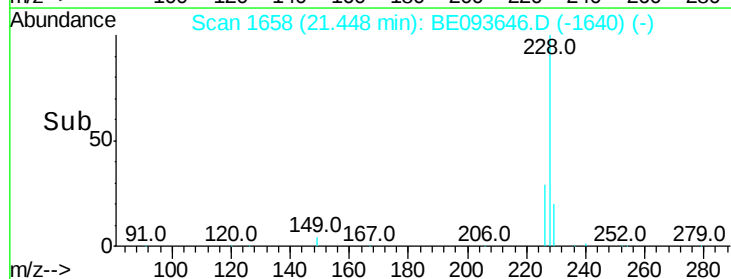
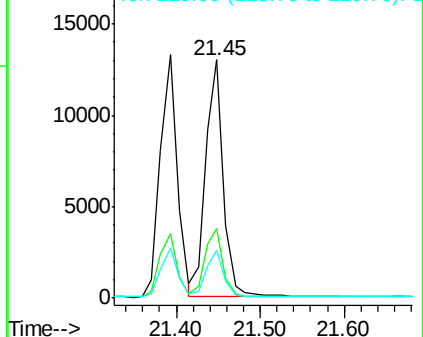
229 20.3 18.6 28.0

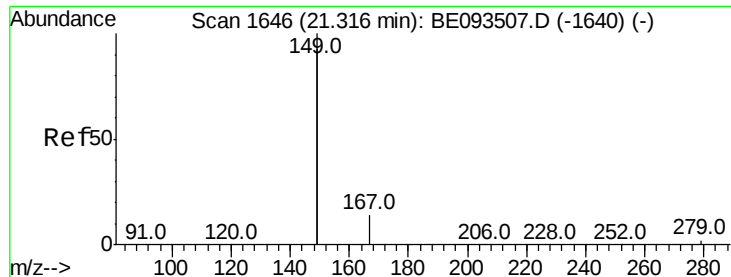


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.492 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

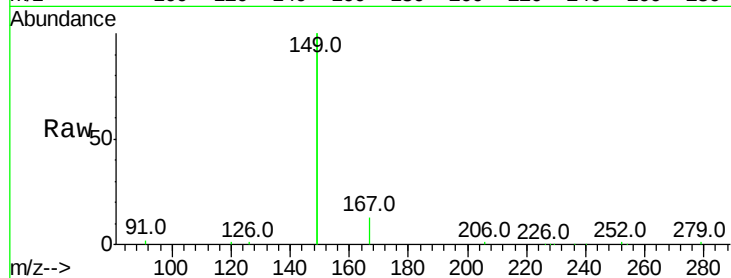
Tot Ion:149 Resp: 35318

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

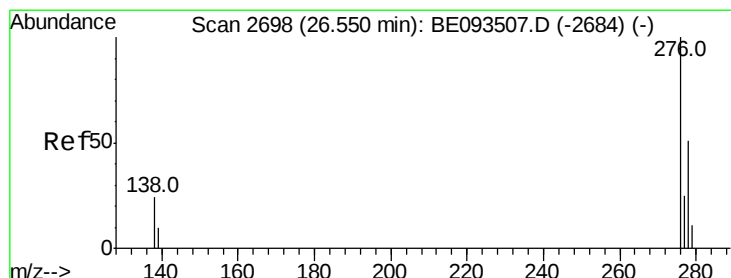
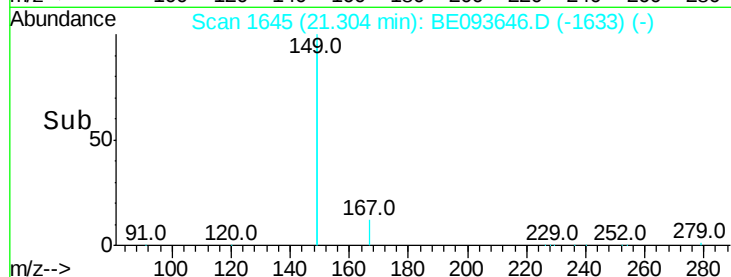
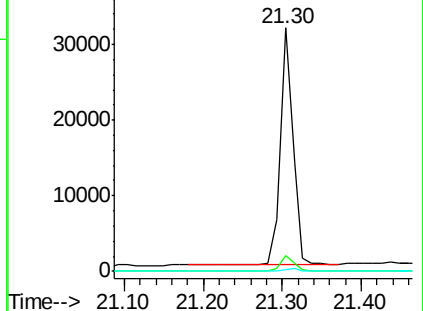
279 0.9 0.8 1.2



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: 0.325 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

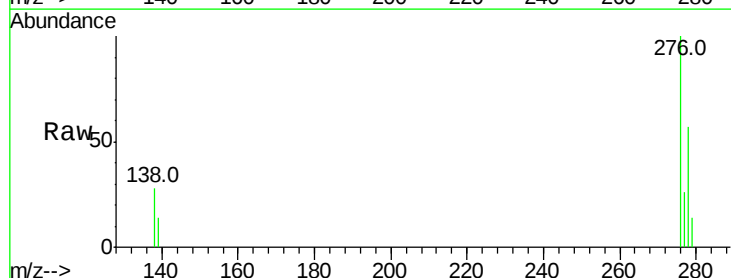
Tgt Ion:276 Resp: 17297

Ion Ratio Lower Upper

276 100

138 28.7 27.4 41.2

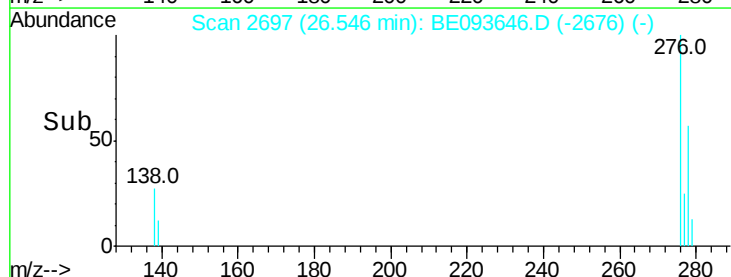
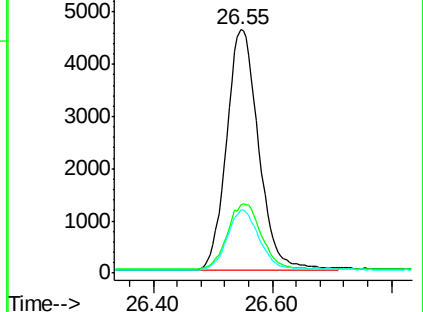
277 25.2 20.1 30.1

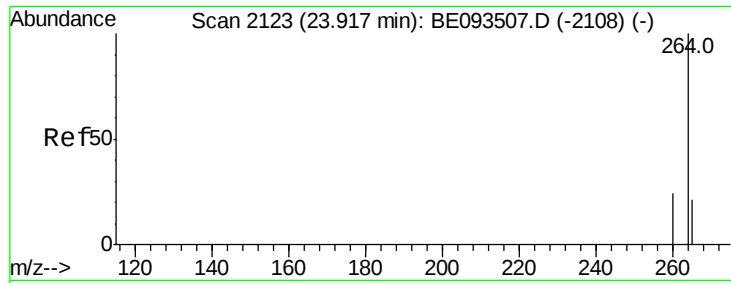


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

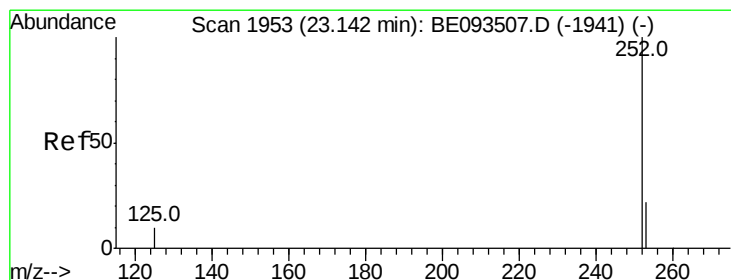
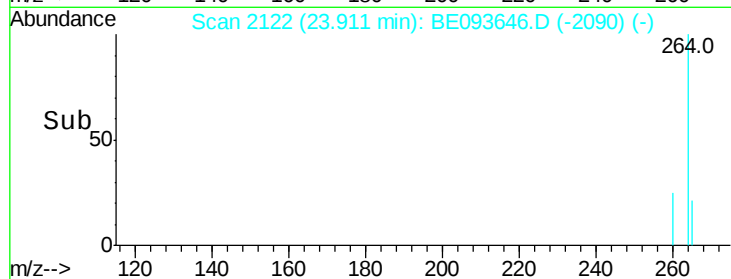
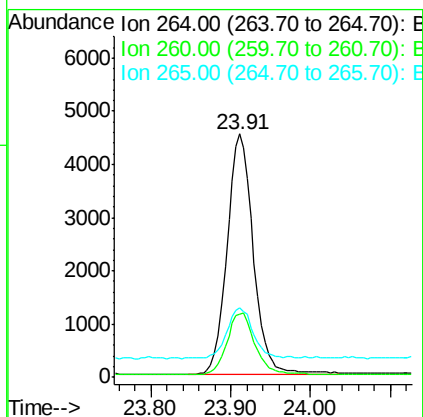
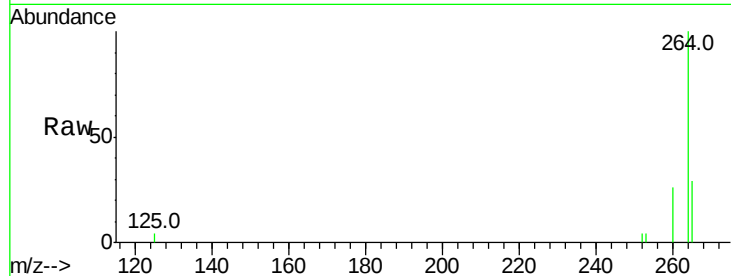




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

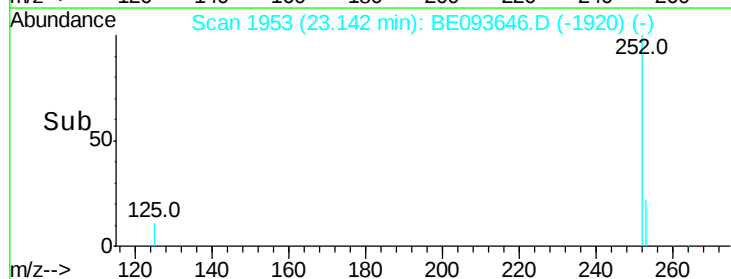
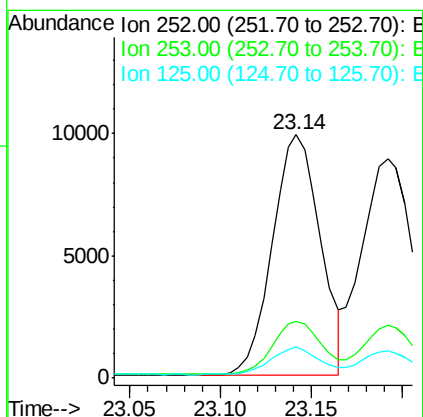
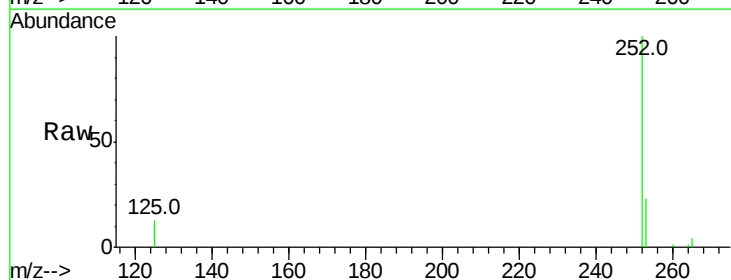
Instrument :
BNA_E
ClientSampleId :
PB100998BS

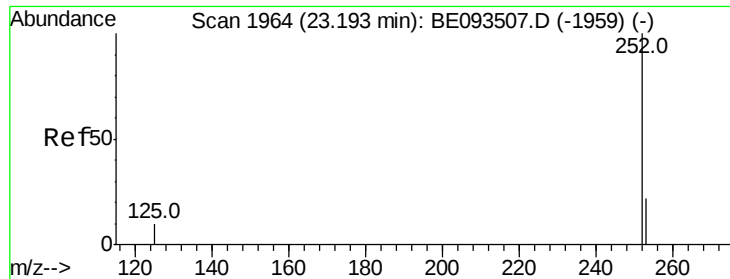
Tot Ion:264 Resp: 10248
Ion Ratio Lower Upper
264 100
260 26.1 21.0 31.4
265 28.7 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.498 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Tgt Ion:252 Resp: 18210
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 12.6 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.477 ng

RT: 23.19 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

Instrument :

BNA_E

ClientSampleId :

PB100998BS

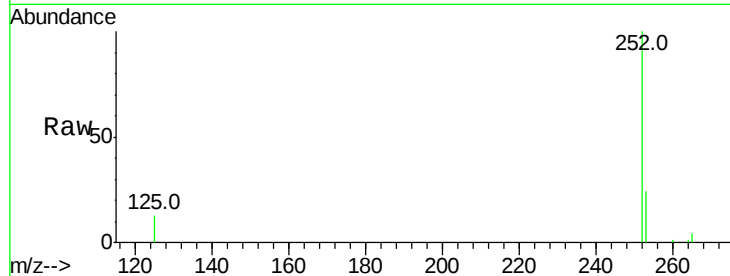
Tot Ion:252 Resp: 17814

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

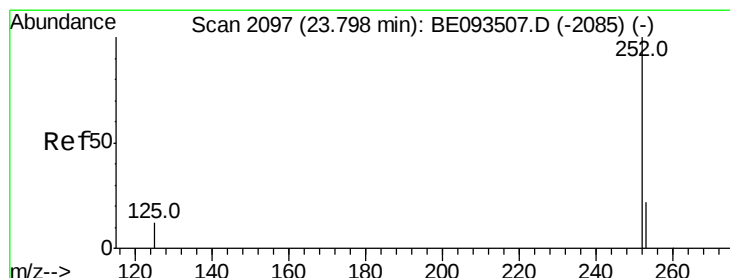
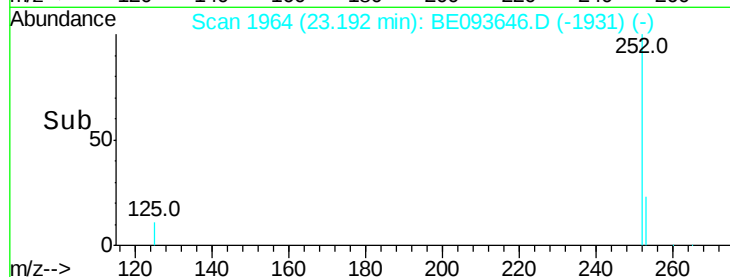
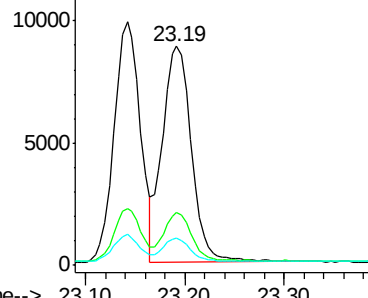
125 12.5 12.2 18.4



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: 0.398 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093646.D

Acq: 3 Aug 2017 3:20

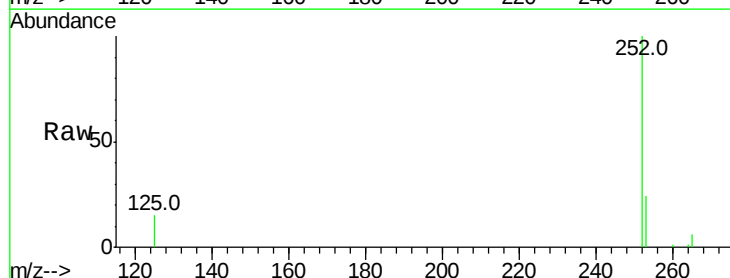
Tgt Ion:252 Resp: 13199

Ion Ratio Lower Upper

252 100

253 23.6 19.9 29.9

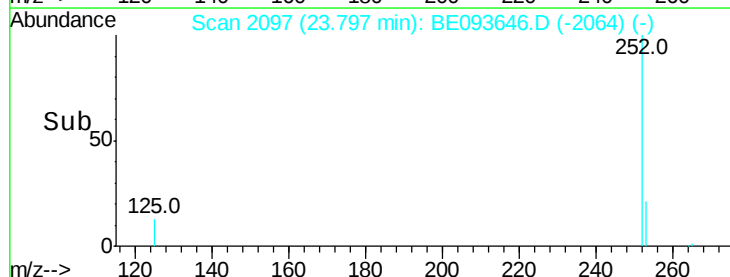
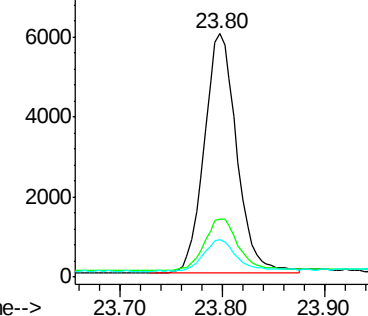
125 15.2 14.6 21.8

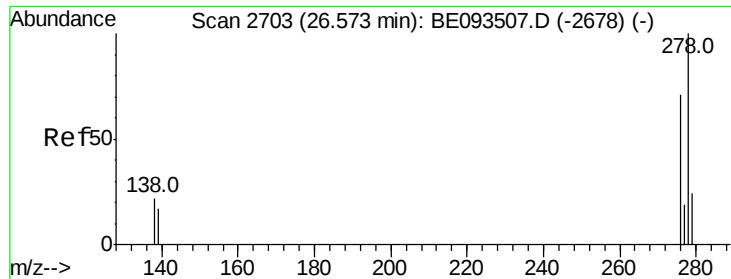


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

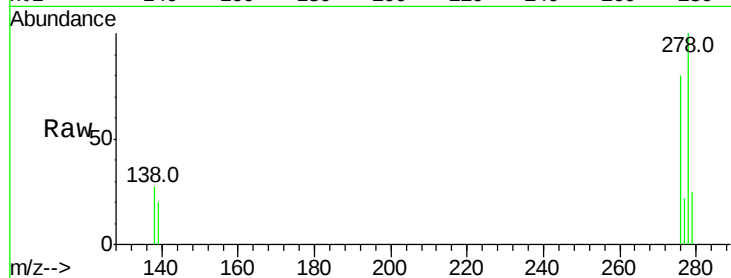




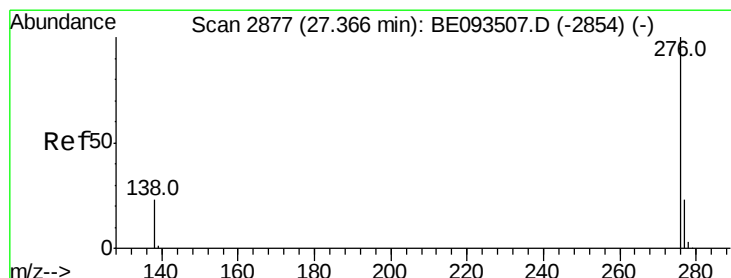
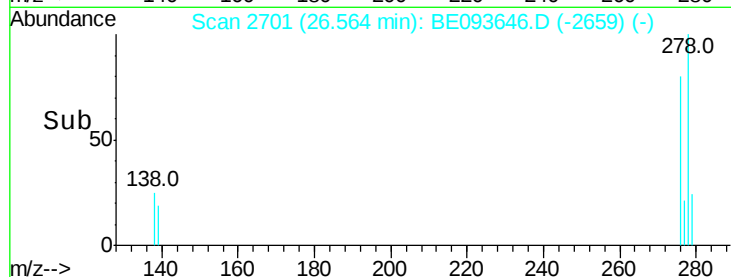
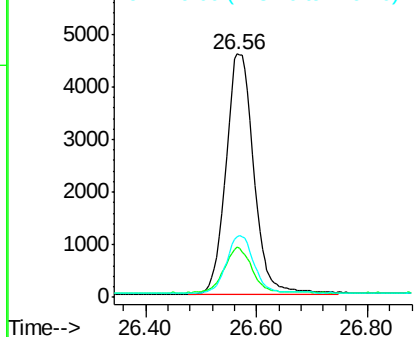
#38
Dibenzo(a,h)anthracene
Concen: 0.500 ng
RT: 26.56 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Instrument :
BNA_E
ClientSampleId :
PB100998BS

Tot Ion:278 Resp: 15976
Ion Ratio Lower Upper
278 100
139 20.4 21.4 32.0#
279 25.0 22.2 33.2

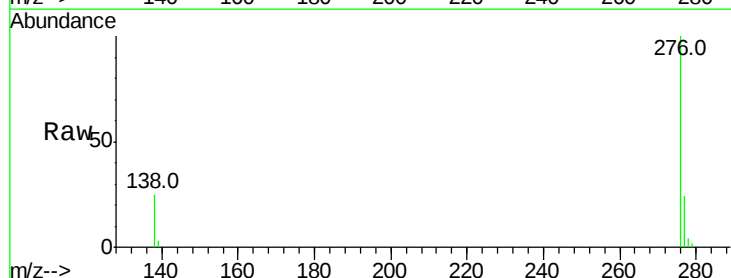


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39
Benzo(g,h,i)perylene
Concen: 0.438 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093646.D
Acq: 3 Aug 2017 3:20

Tgt Ion:276 Resp: 14219
Ion Ratio Lower Upper
276 100
277 24.3 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

