

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093603.D
 Acq On : 26 Jul 2017 14:11
 Operator : SJ/JU
 Sample : PB100785BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100785BSD

Quant Time: Jul 27 08:19:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2542	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	10700	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4935	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11553	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15945	0.40	ng	-0.01
34) Perylene-d12	23.92	264	9695	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	2621	0.30	ng	0.00
5) Phenol-d6	7.09	99	3431	0.28	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2904	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5192	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	360	0.20	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	7382	0.38	ng	0.00
25) Fluoranthene-d10	19.27	212	45843	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	8931	0.31	ng	0.00

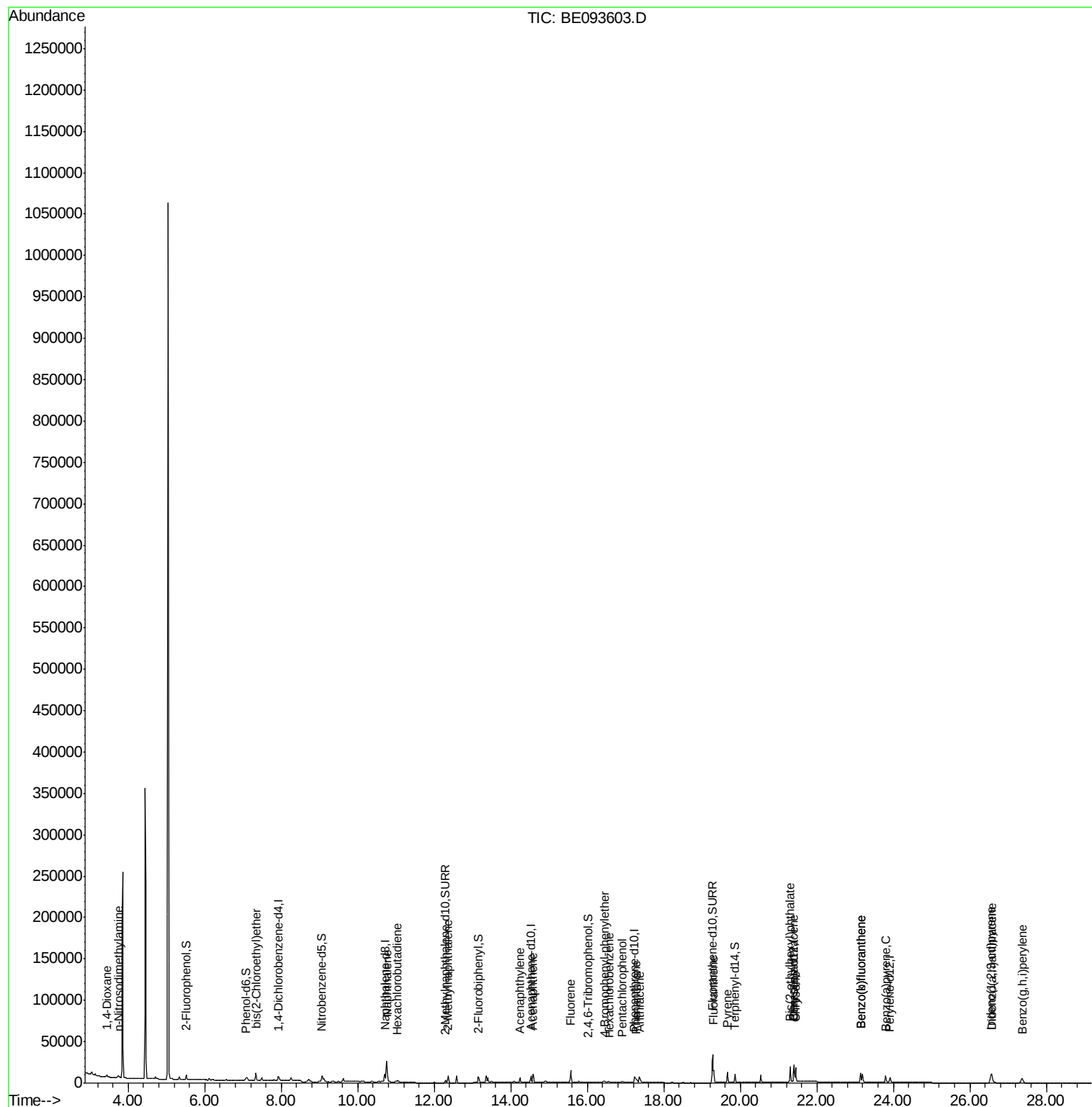
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	1914	0.453	ng	# 49
3) n-Nitrosodimethylamine	3.74	42	1750	0.419	ng	# 76
6) bis(2-Chloroethyl)ether	7.34	93	3069	0.312	ng	# 98
9) Naphthalene	10.76	128	39255	0.315	ng	99
10) Hexachlorobutadiene	11.04	225	1551	0.320	ng	99
12) 2-Methylnaphthalene	12.36	142	6377	0.305	ng	97
16) Acenaphthylene	14.24	152	6823	0.275	ng	# 88
17) Acenaphthene	14.58	154	5436	0.322	ng	97
18) Fluorene	15.56	166	6802	0.286	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1281	0.285	ng	# 89
21) Hexachlorobenzene	16.58	284	1263	0.292	ng	# 100
22) Pentachlorophenol	16.91	266	1420	0.604	ng	95
23) Phenanthrene	17.27	178	8365	0.319	ng	# 81
24) Anthracene	17.37	178	10345	0.258	ng	96
26) Fluoranthene	19.30	202	13993	0.250	ng	99
28) Pyrene	19.67	202	12576	0.243	ng	# 98
30) Benzo(a)anthracene	21.39	228	15271	0.298	ng	94
31) Chrysene	21.45	228	16960	0.334	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	21696	0.205	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	15503	0.322	ng	94
35) Benzo(b)fluoranthene	23.14	252	16435	0.483	ng	96
36) Benzo(k)fluoranthene	23.14	252	16435	0.489	ng	96
37) Benzo(a)pyrene	23.80	252	11883	0.375	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	14408	0.481	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	12466	0.415	ng	# 92

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

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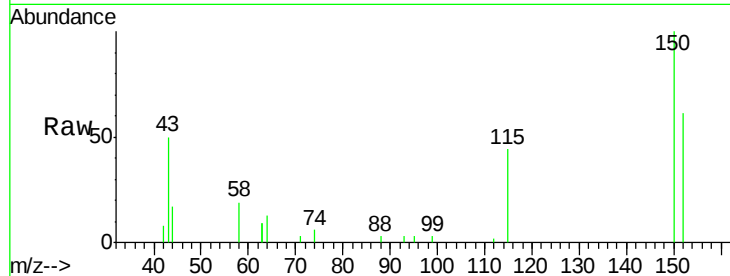


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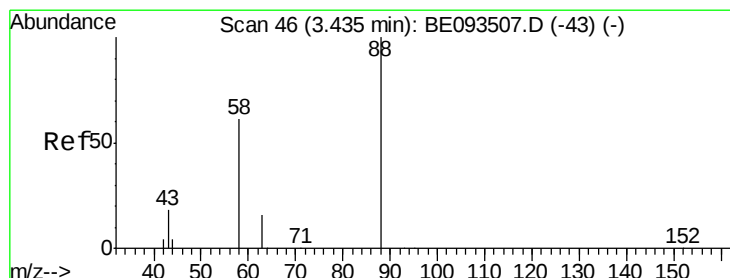
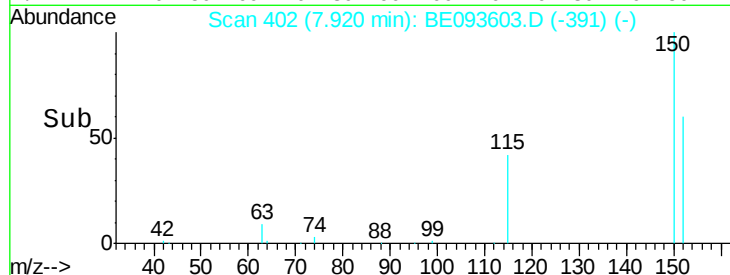
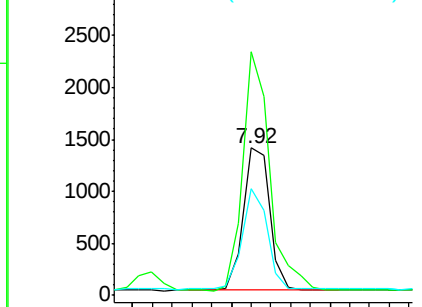
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

Instrument :
 BNA_E
 ClientSampleId :
 PB100785BSD

Tgt Ion: 152 Resp: 2542
 Ion Ratio Lower Upper
 152 100
 150 165.1 125.1 187.7
 115 72.5 55.7 83.5



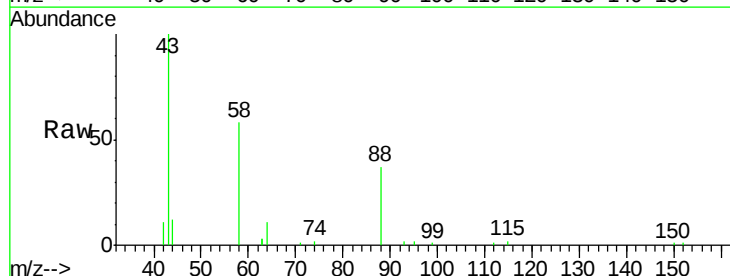
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



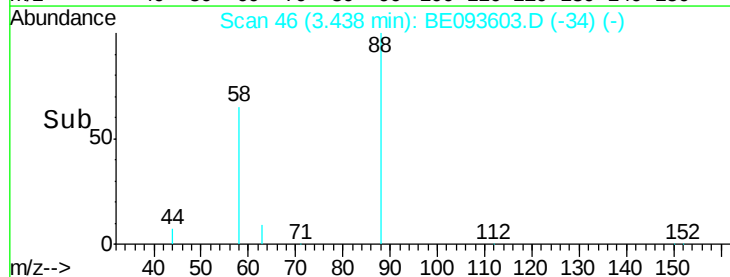
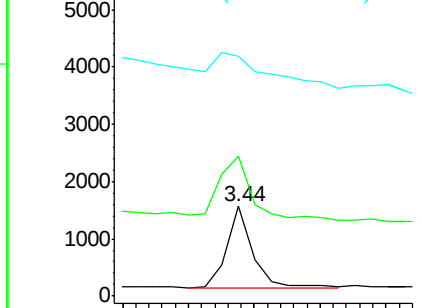
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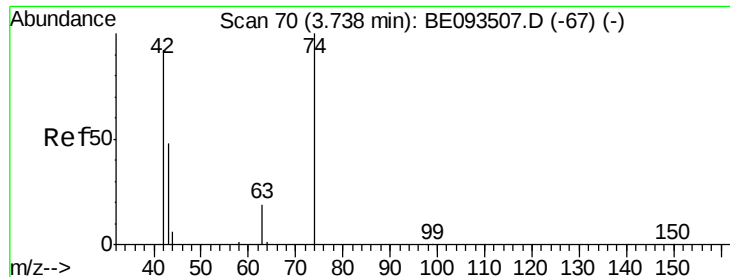
1,4-Dioxane
 Concen: 0.453 ng
 RT: 3.44 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

Tgt Ion: 88 Resp: 1914
 Ion Ratio Lower Upper
 88 100
 58 105.9 62.2 93.4#
 43 83.3 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

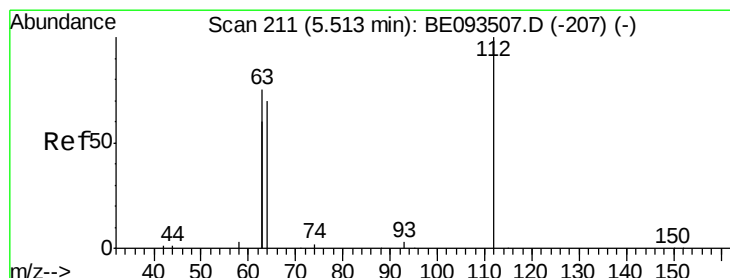
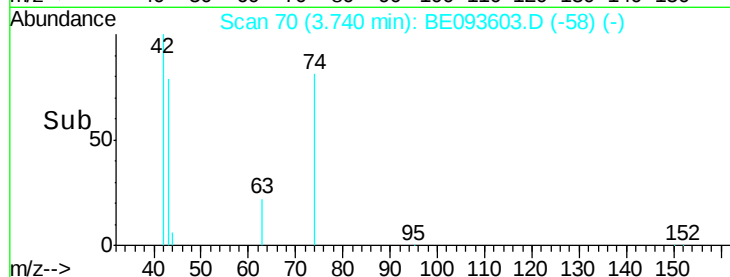
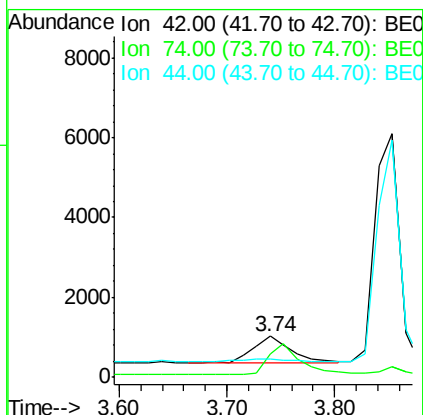
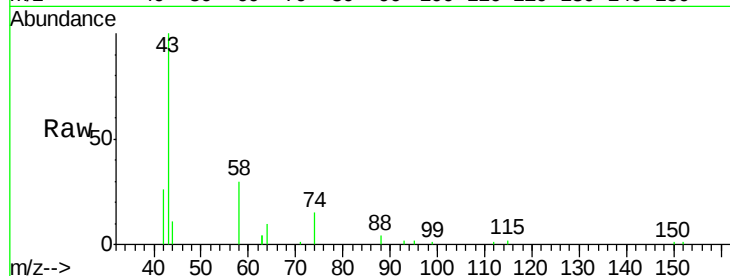




#3
 n-Nitrosodimethylamine
 Concen: 0.419 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

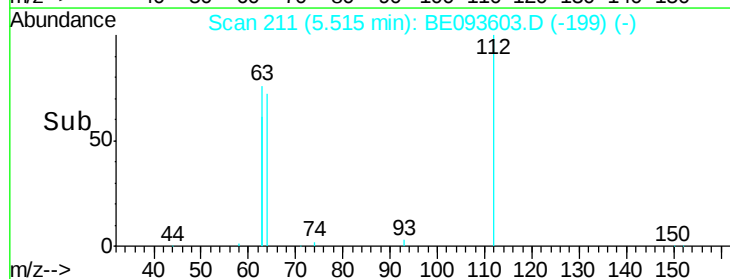
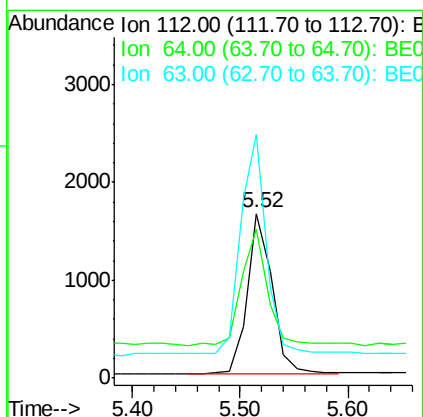
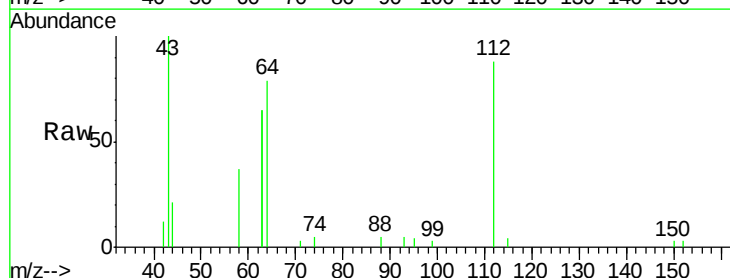
Instrument :
 BNA_E
 ClientSampleId :
 PB100785BSD

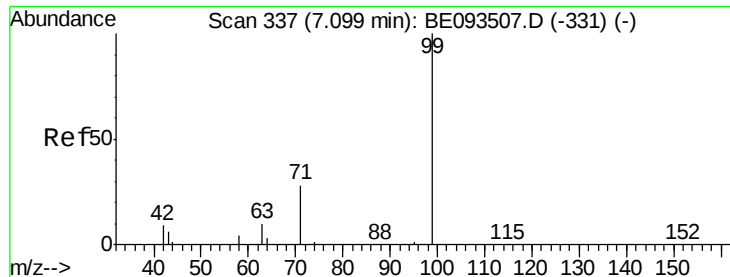
Tgt Ion: 42 Resp: 1750
 Ion Ratio Lower Upper
 42 100
 74 96.1 99.1 148.7#
 44 13.5 7.4 11.2#



#4
 2-Fluorophenol
 Concen: 0.297 ng
 RT: 5.52 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

Tgt Ion: 112 Resp: 2621
 Ion Ratio Lower Upper
 112 100
 64 75.4 56.4 84.6
 63 148.8 29.3 43.9#





#5

Phenol-d6

Concen: 0.278 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

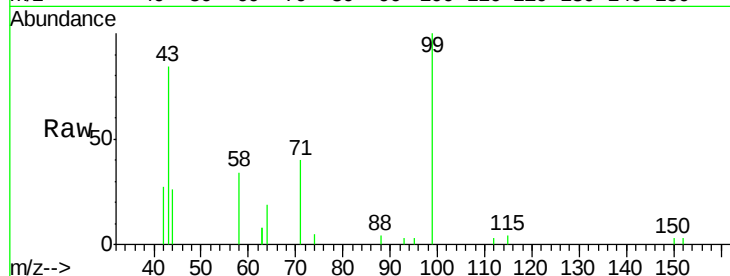
Tgt Ion: 99 Resp: 3431

Ion Ratio Lower Upper

99 100

42 20.3 0.0 0.0#

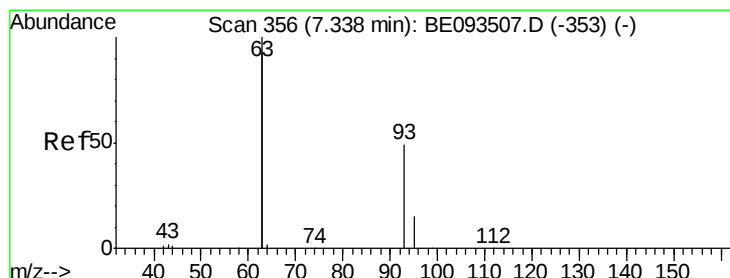
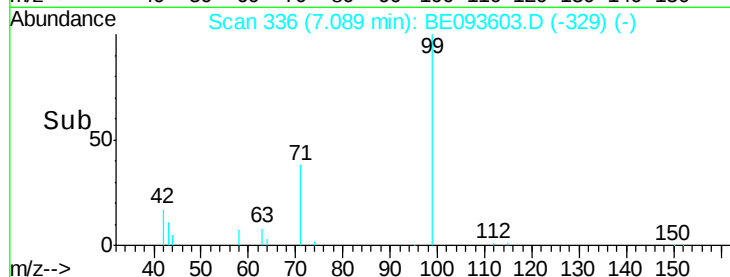
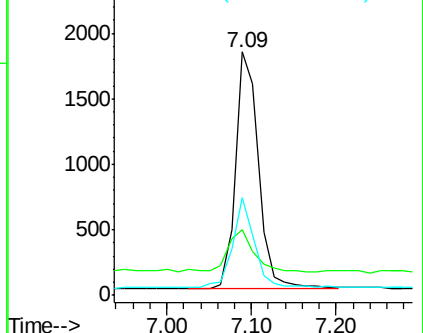
71 36.1 0.0 0.0#



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: 0.312 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

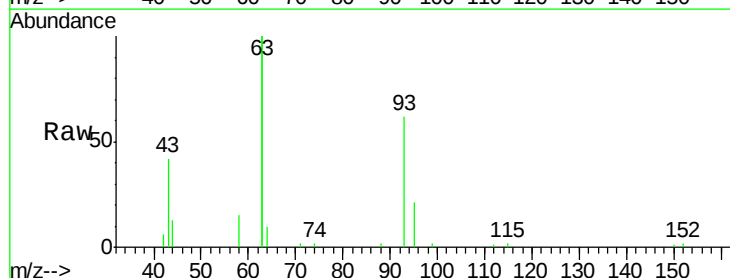
Tgt Ion: 93 Resp: 3069

Ion Ratio Lower Upper

93 100

63 344.8 0.0 0.0#

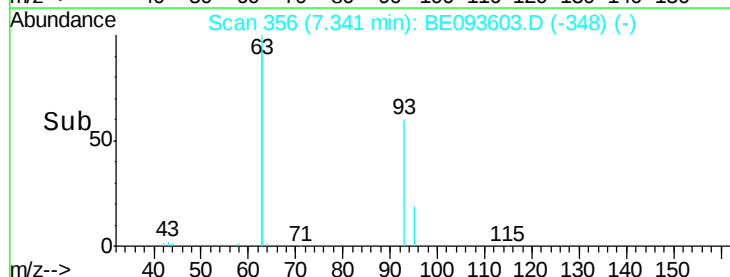
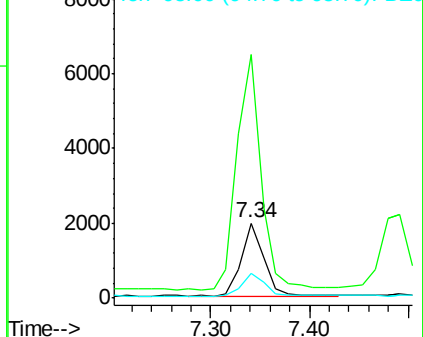
95 32.6 25.4 38.0

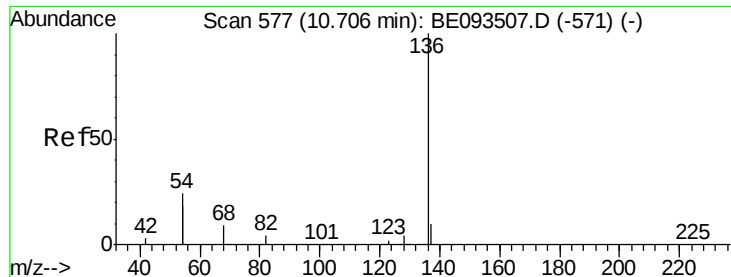


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

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PB100785BSD

Tgt Ion:136 Resp: 10700

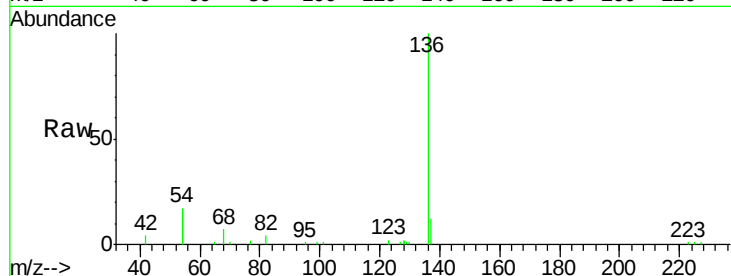
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 34.7 10.3 15.5#

68 7.4 9.0 13.4#

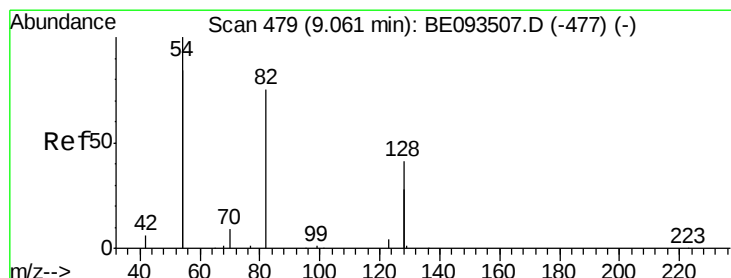
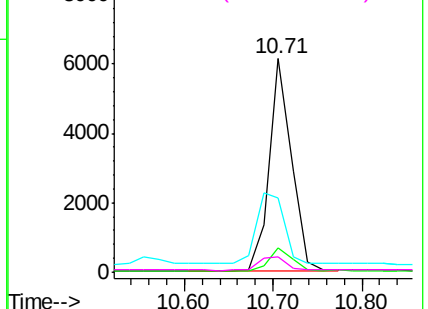
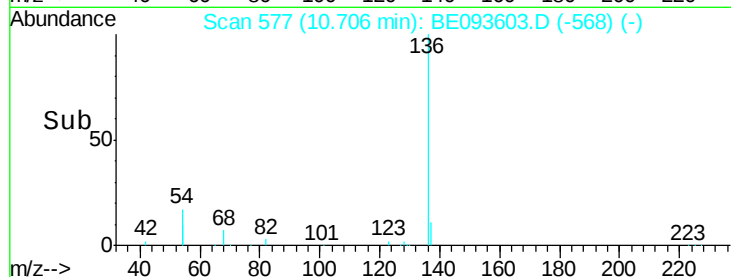


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

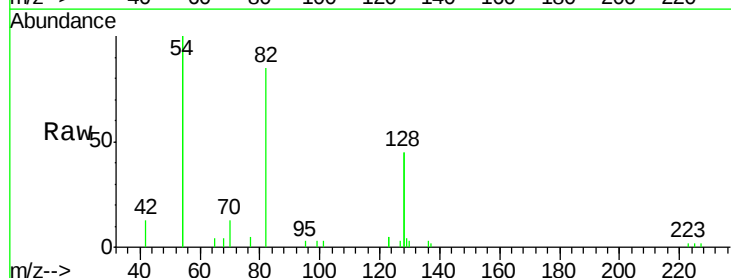
Tgt Ion: 82 Resp: 2904

Ion Ratio Lower Upper

82 100

128 106.1 17.0 25.4#

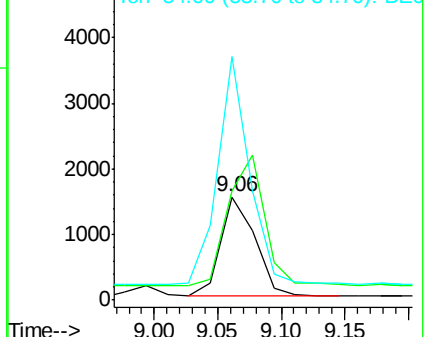
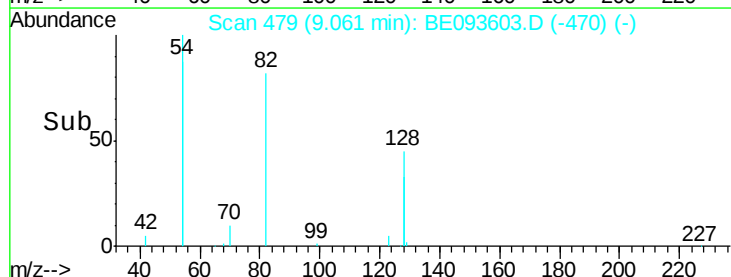
54 236.3 53.8 80.6#

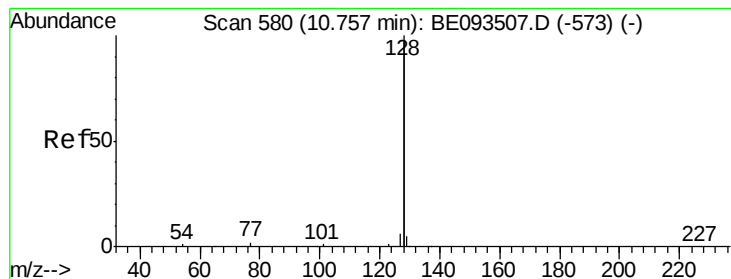


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.315 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

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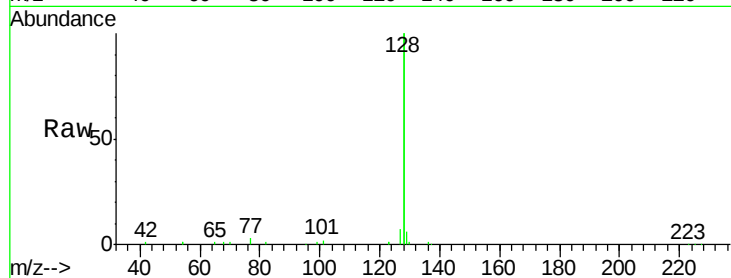
Tgt Ion:128 Resp: 39255

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

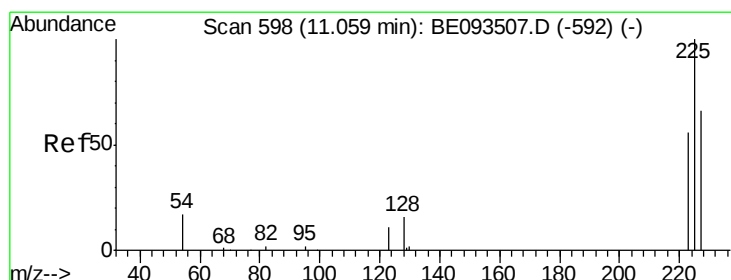
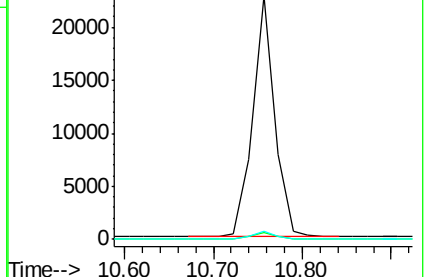
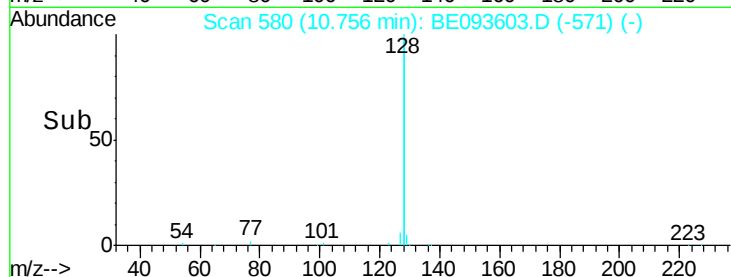
127 3.4 2.4 3.6



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: 0.320 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

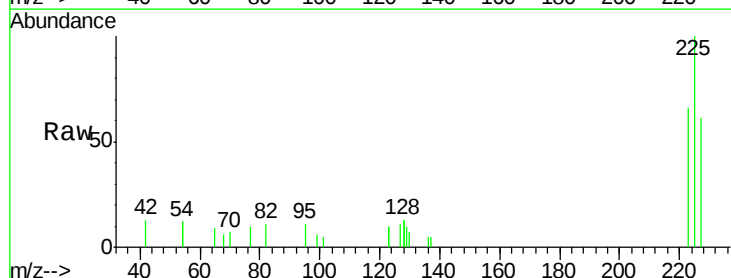
Tgt Ion:225 Resp: 1551

Ion Ratio Lower Upper

225 100

223 63.0 49.7 74.5

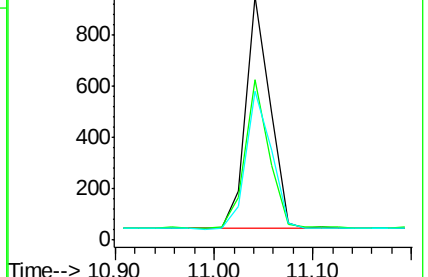
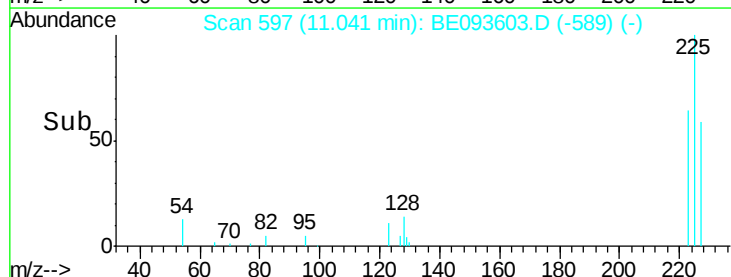
227 62.9 50.3 75.5

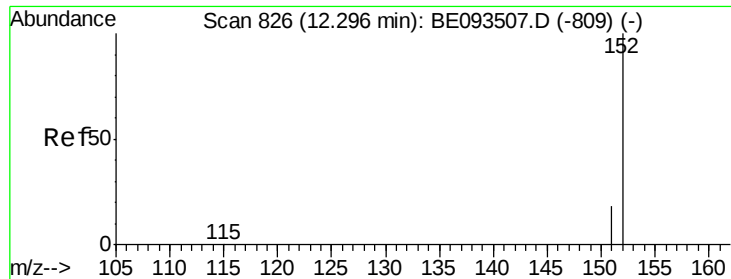


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

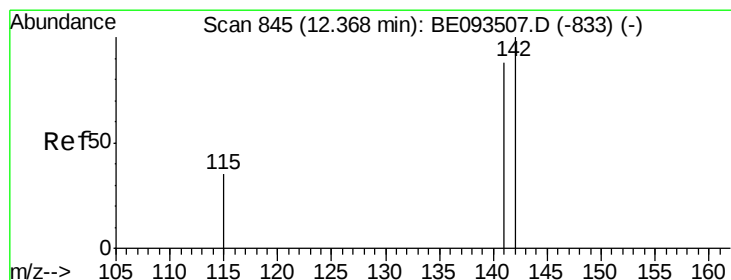
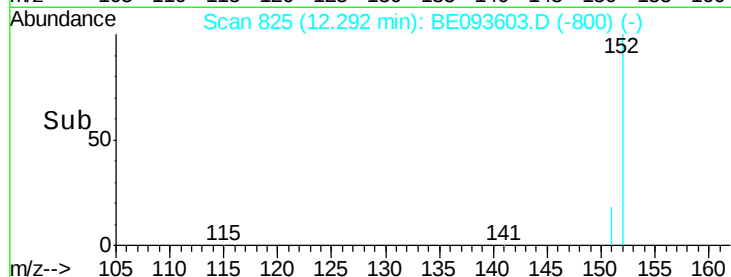
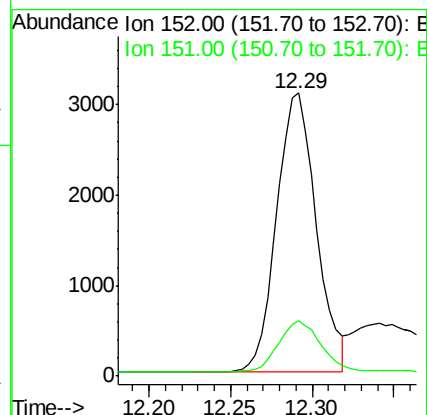
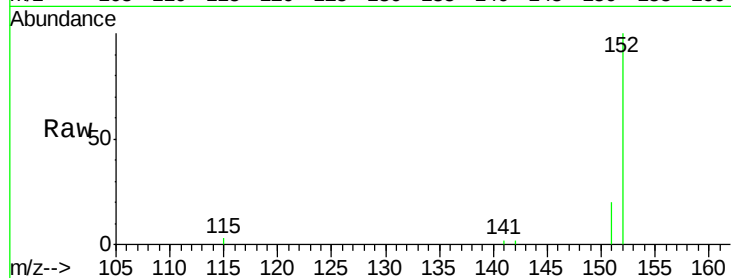




#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.29 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

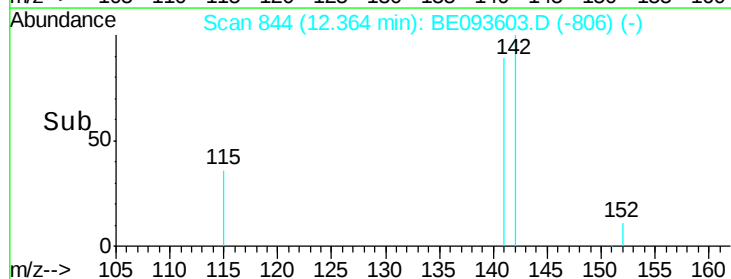
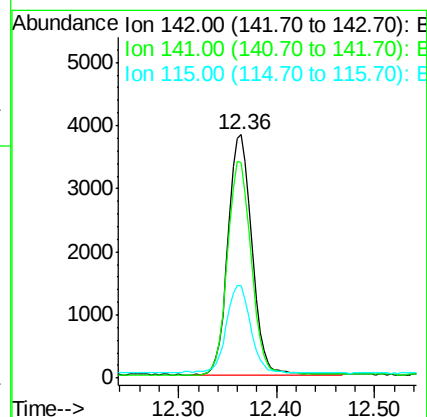
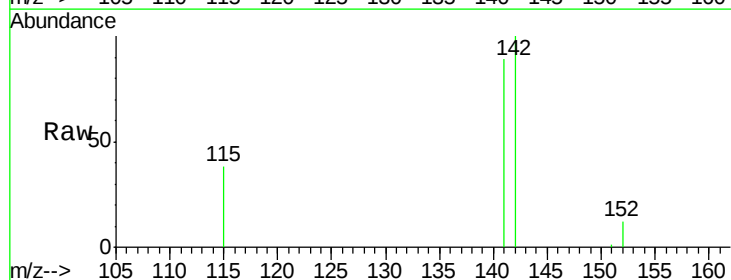
Instrument :
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 PB100785BSD

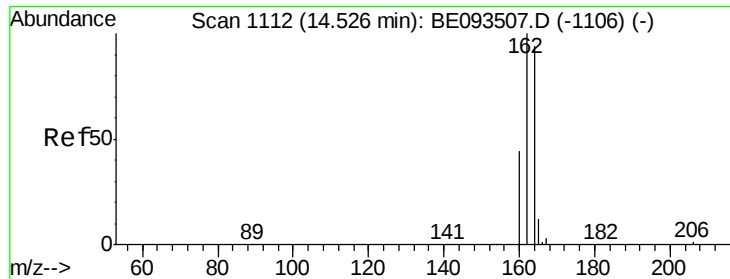
Tgt Ion:152 Resp: 5192
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.305 ng
 RT: 12.36 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BE093603.D
 Acq: 26 Jul 2017 14:11

Tgt Ion:142 Resp: 6377
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.6 108.8
 115 37.9 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: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

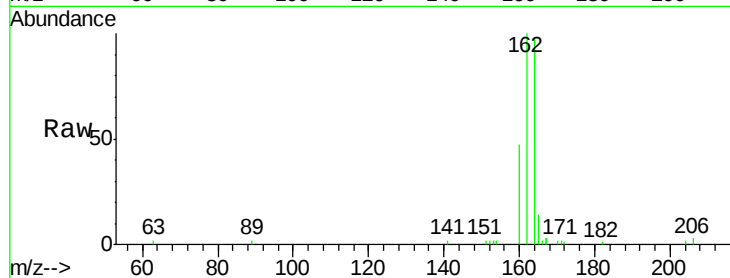
Tgt Ion:164 Resp: 4935

Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

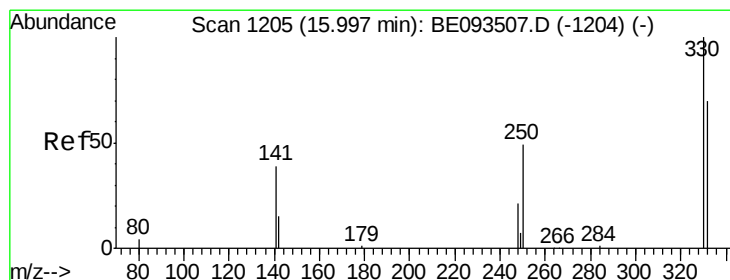
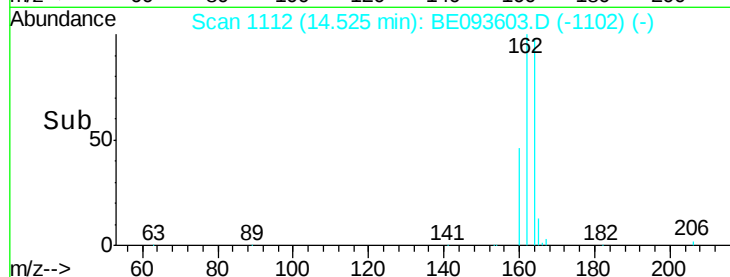
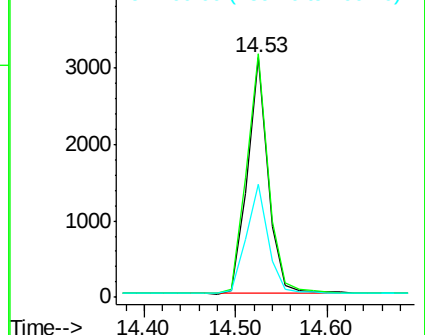
160 47.5 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.201 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

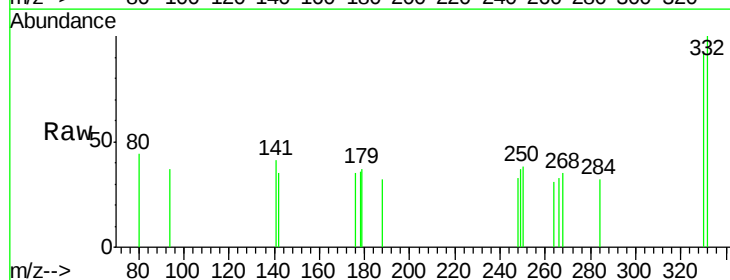
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 93.9 77.7 116.5

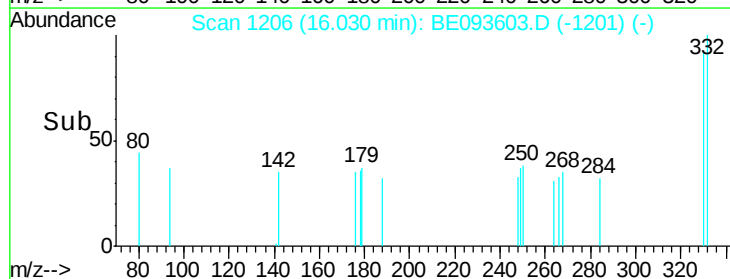
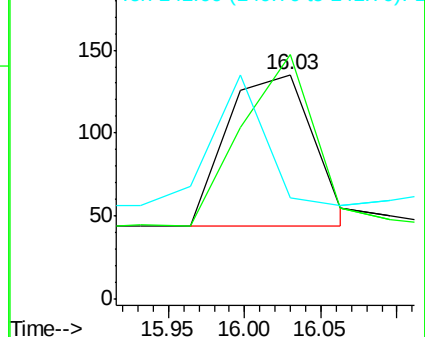
141 0.0 56.2 84.4#

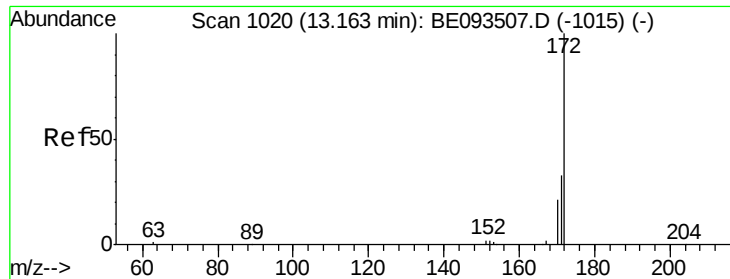


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

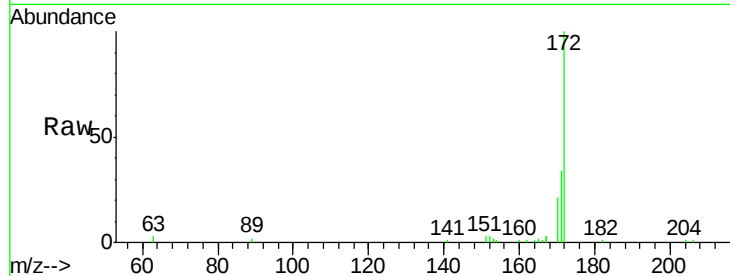




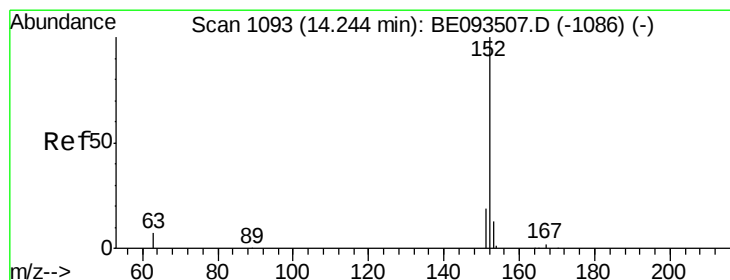
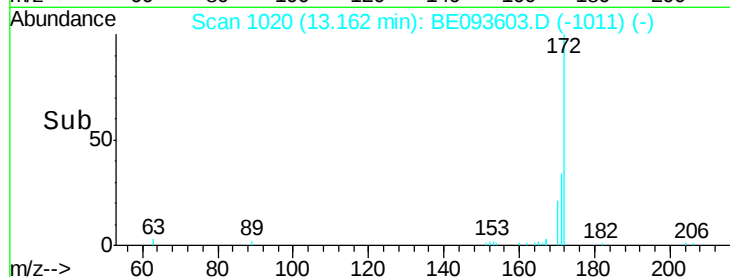
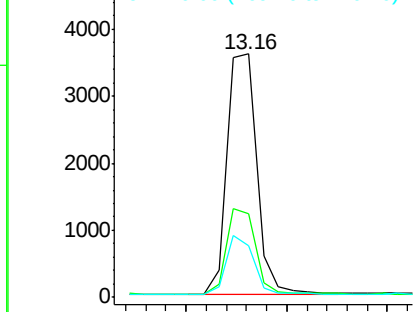
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093603.D
Acq: 26 Jul 2017 14:11

Instrument :
BNA_E
ClientSampleId :
PB100785BSD

Tgt Ion:172 Resp: 7382
Ion Ratio Lower Upper
172 100
171 34.1 29.8 44.6
170 21.2 20.7 31.1

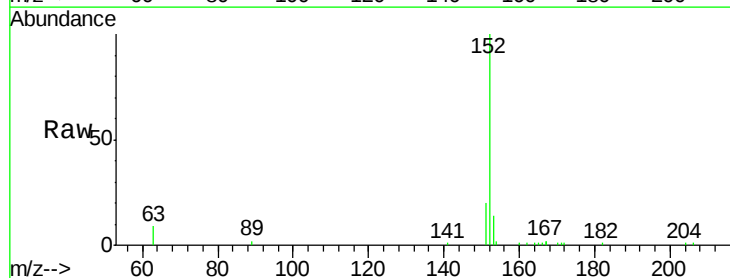


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

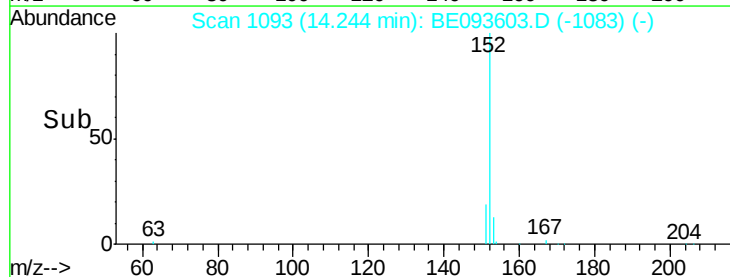
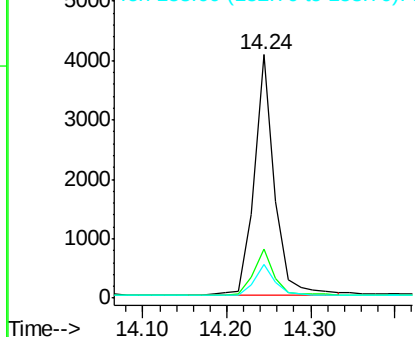


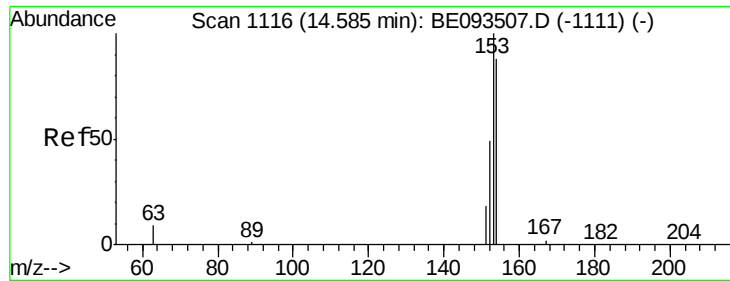
#16
Acenaphthylene
Concen: 0.275 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093603.D
Acq: 26 Jul 2017 14:11

Tgt Ion:152 Resp: 6823
Ion Ratio Lower Upper
152 100
151 19.3 4.0 6.0#
153 12.8 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: 0.322 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

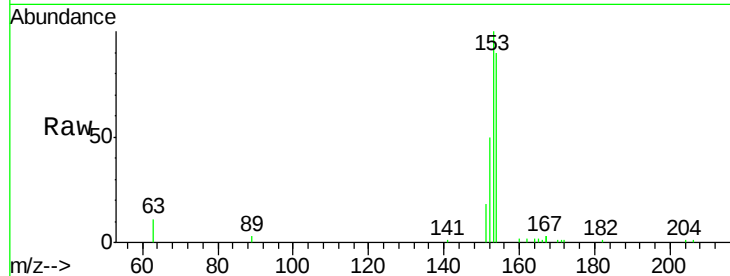
Tgt Ion:154 Resp: 5436

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

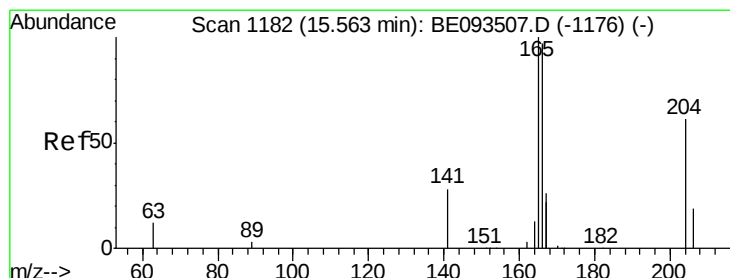
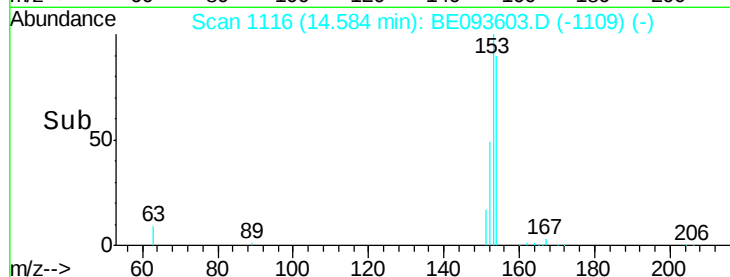
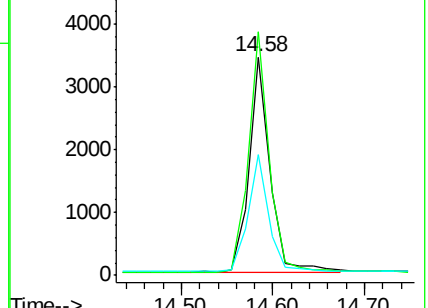
152 54.1 44.8 67.2



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: 0.286 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

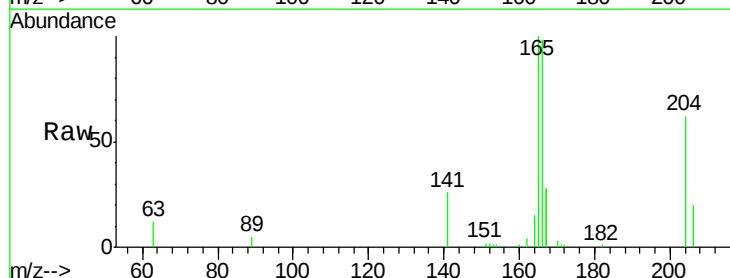
Tgt Ion:166 Resp: 6802

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

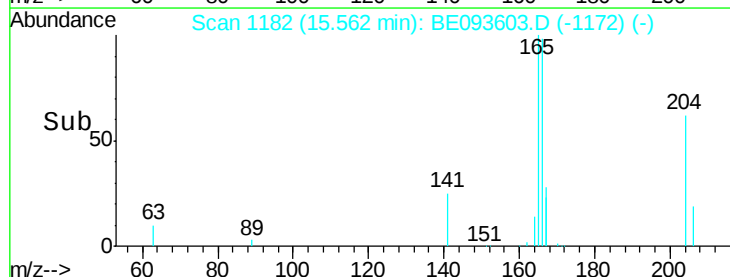
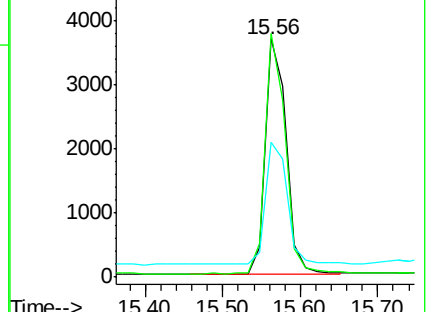
167 54.4 11.1 16.7#

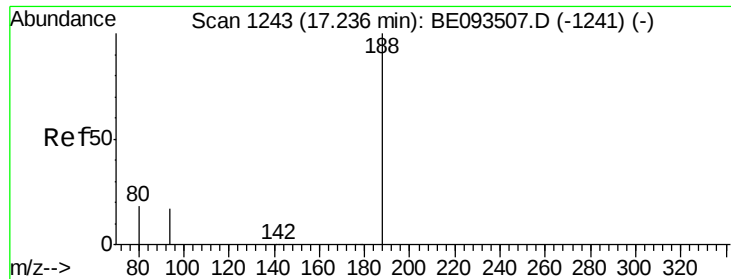


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

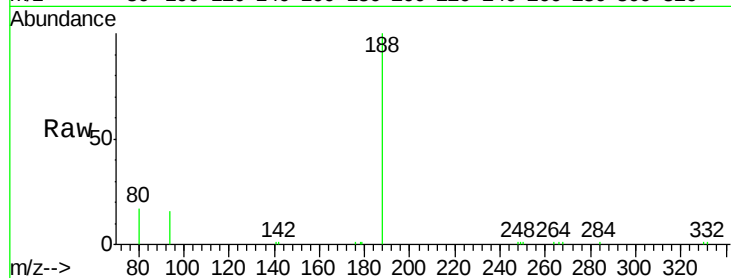
Tgt Ion:188 Resp: 11553

Ion Ratio Lower Upper

188 100

94 16.3 11.3 16.9

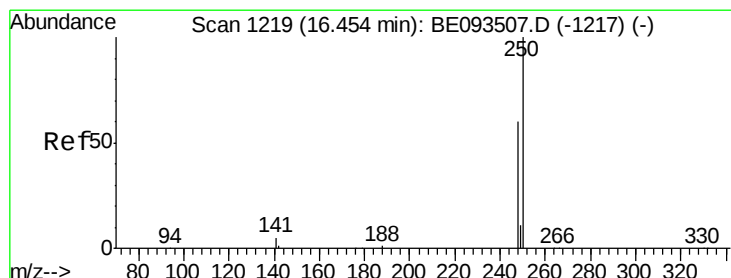
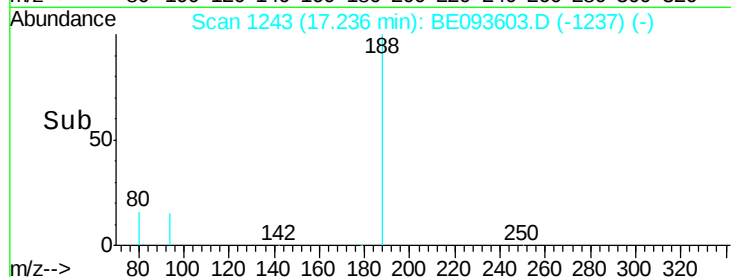
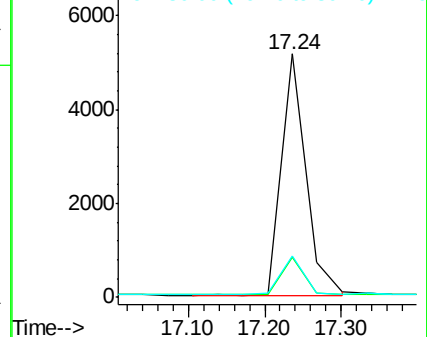
80 17.1 11.7 17.5



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: 0.285 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

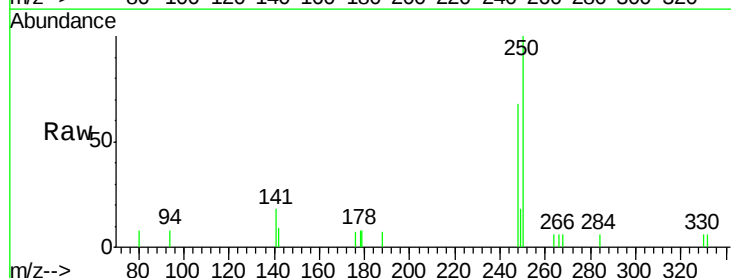
Tgt Ion:248 Resp: 1281

Ion Ratio Lower Upper

248 100

250 147.9 128.0 192.0

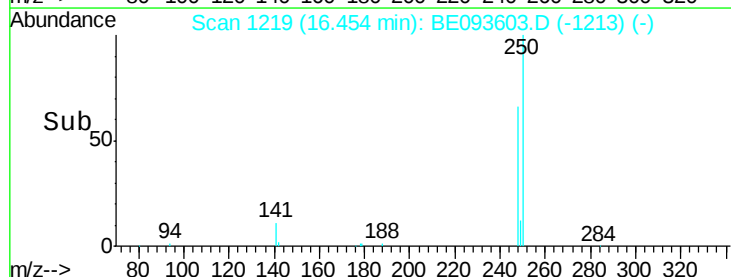
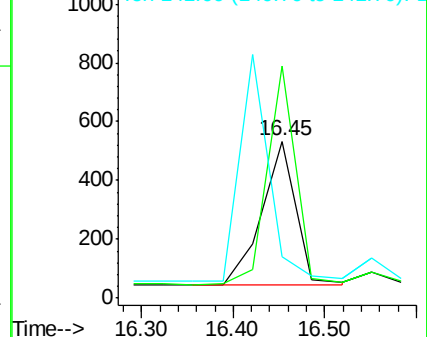
141 26.6 12.0 18.0#

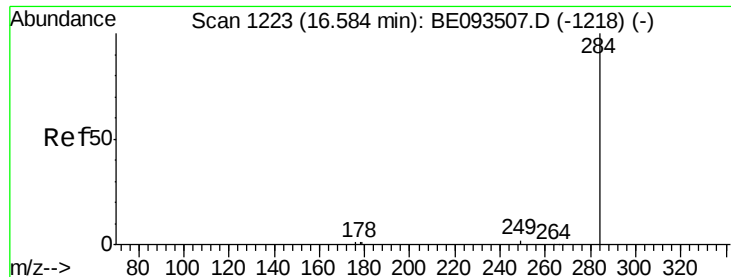


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.292 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

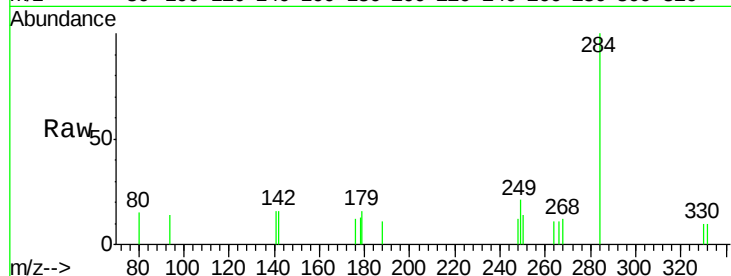
Tgt Ion: 284 Resp: 1263

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

600

500

400

300

200

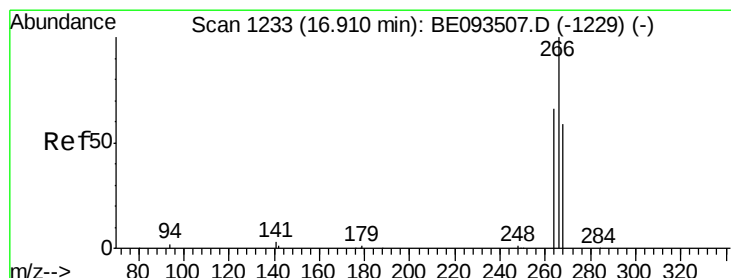
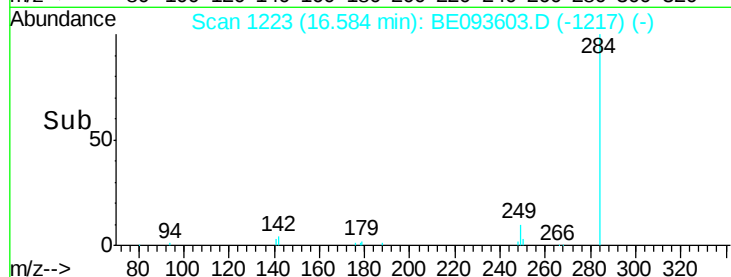
100

0

16.50 16.55 16.60 16.70

16.58

Time-->



#22

Pentachlorophenol

Concen: 0.604 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

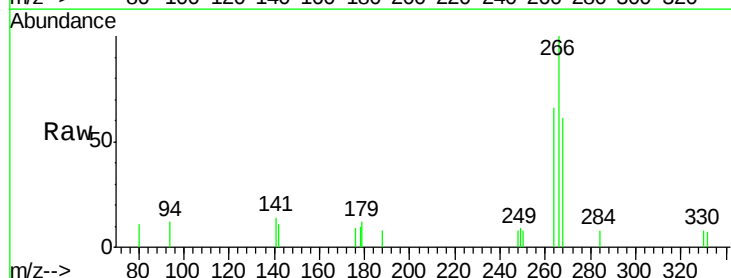
Tgt Ion: 266 Resp: 1420

Ion Ratio Lower Upper

266 100

264 66.3 56.0 84.0

268 61.0 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

800

600

400

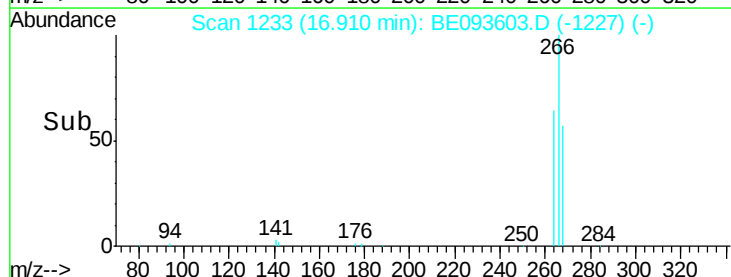
200

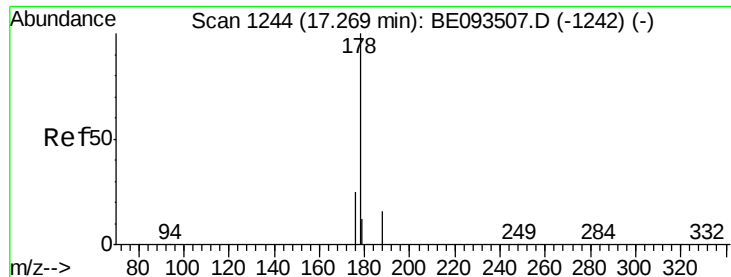
0

16.80 16.85 16.90 17.00

16.91

Time-->





#23

Phenanthrene

Concen: 0.319 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

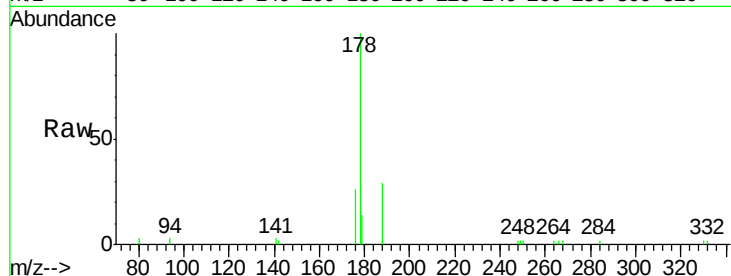
Tgt Ion:178 Resp: 8365

Ion Ratio Lower Upper

178 100

176 20.0 15.0 22.4

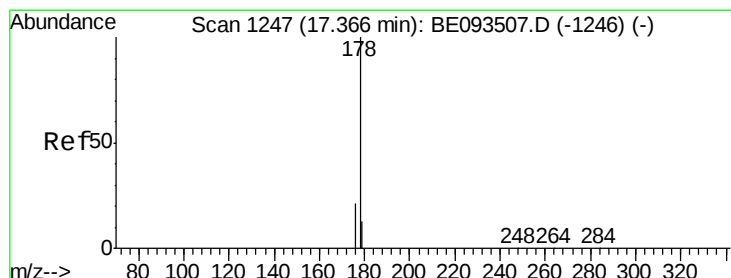
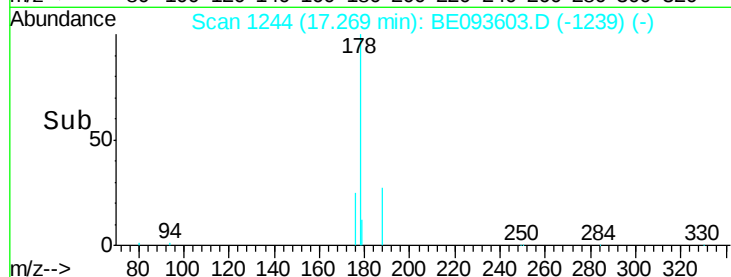
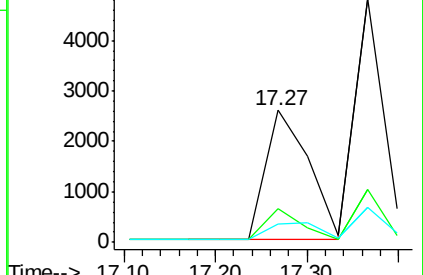
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.258 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

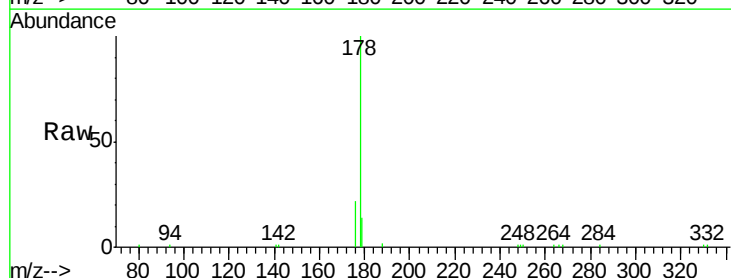
Tgt Ion:178 Resp: 10345

Ion Ratio Lower Upper

178 100

176 20.1 14.6 22.0

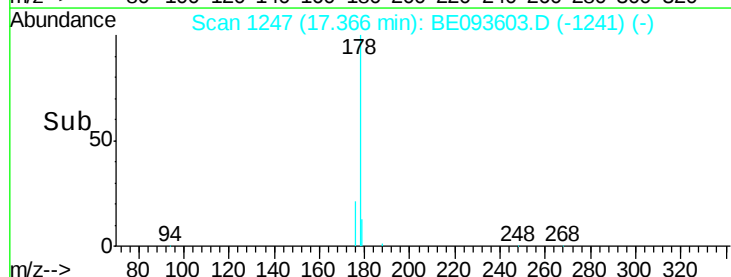
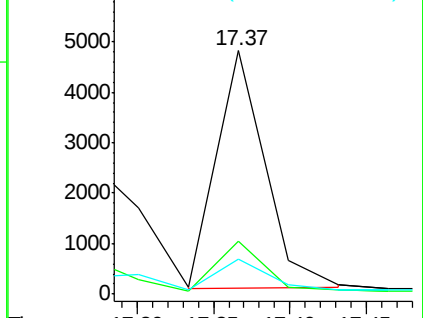
179 13.6 12.0 18.0

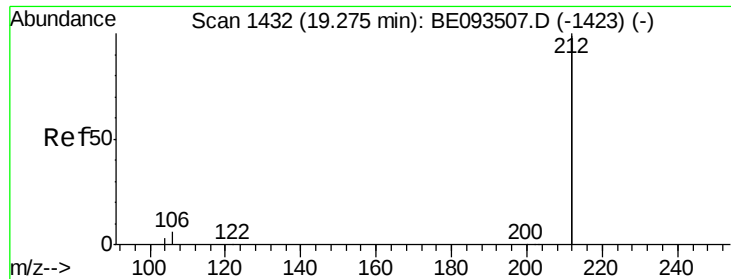


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

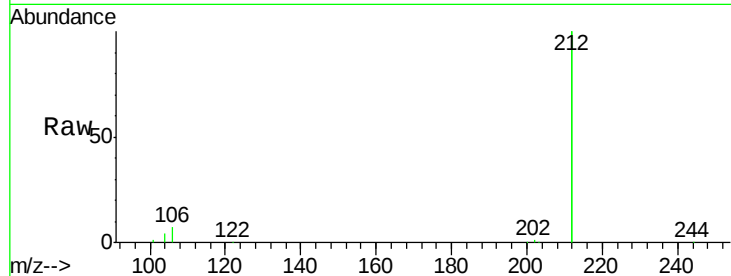
Tgt Ion:212 Resp: 45843

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

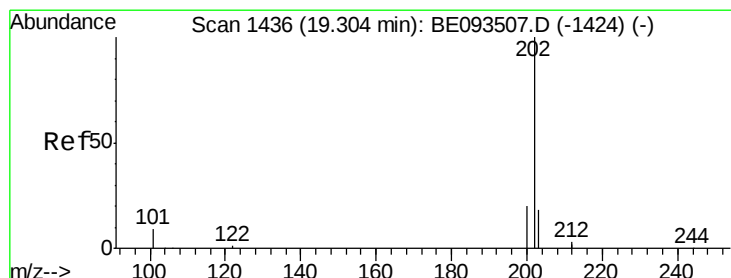
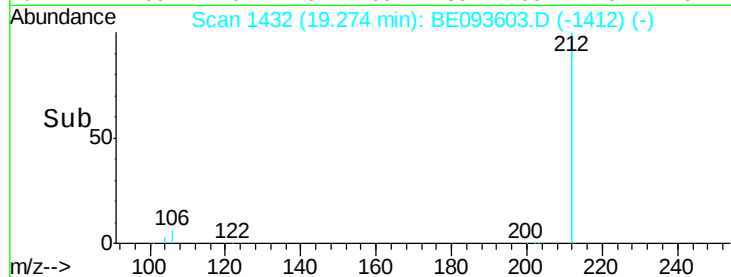
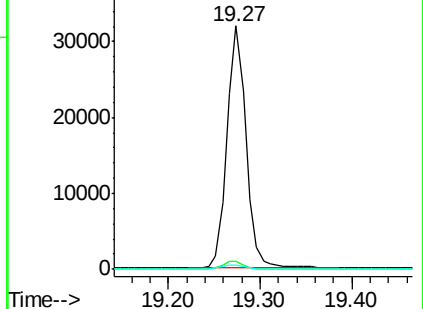
104 2.0 1.6 2.4



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: 0.250 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

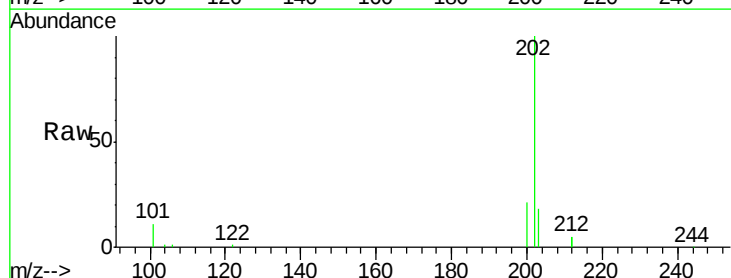
Tgt Ion:202 Resp: 13993

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

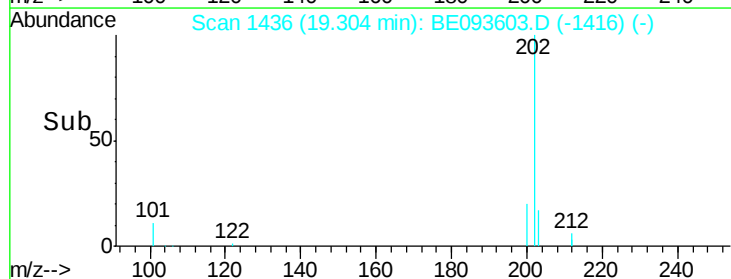
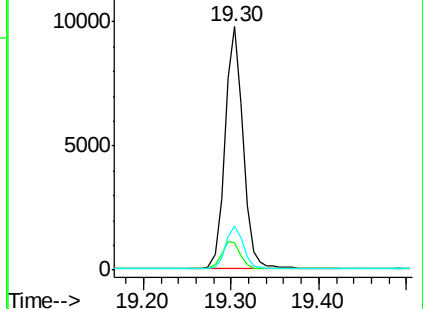
203 17.2 14.4 21.6

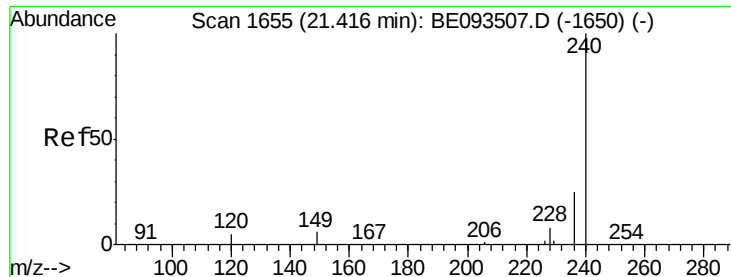


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

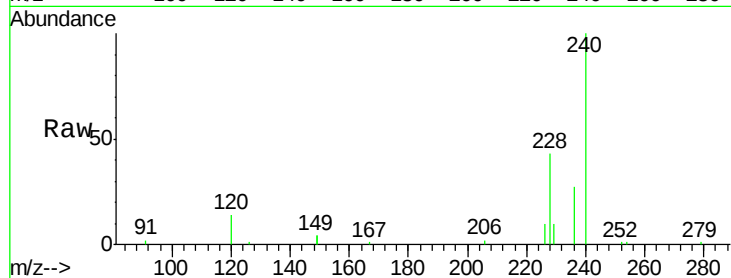
Tgt Ion:240 Resp: 15945

Ion Ratio Lower Upper

240 100

120 14.3 4.6 7.0#

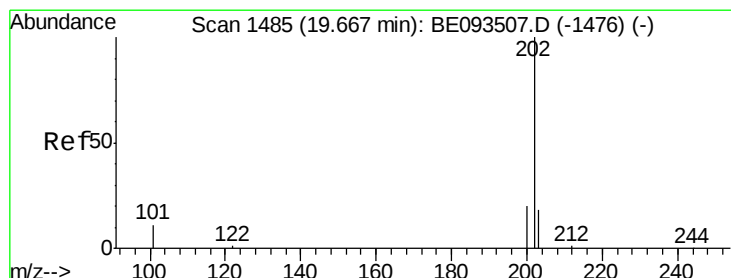
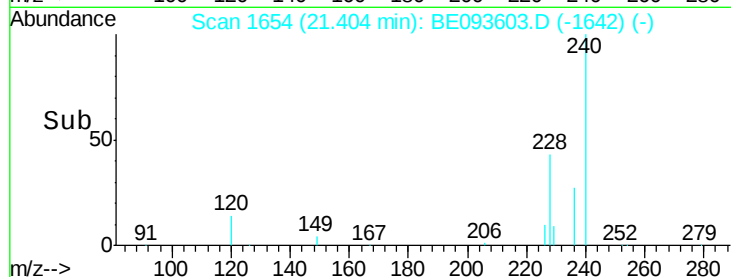
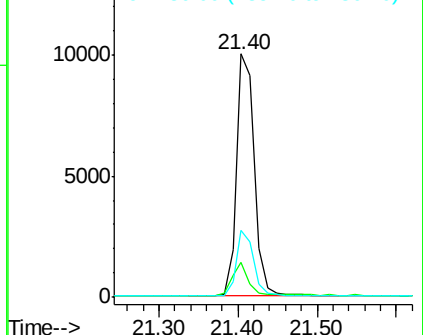
236 27.4 20.8 31.2



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: 0.243 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

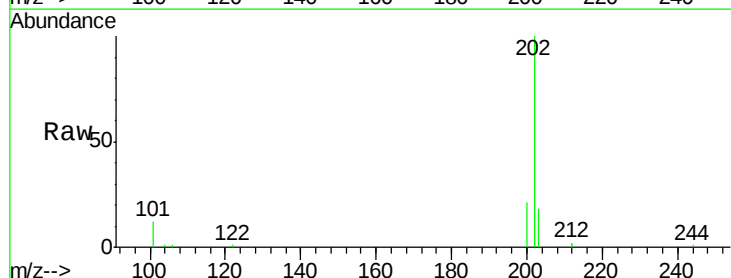
Tgt Ion:202 Resp: 12576

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

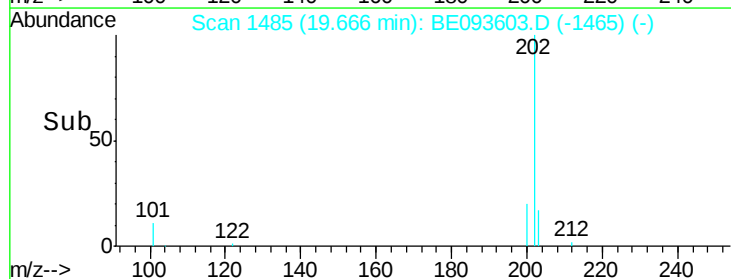
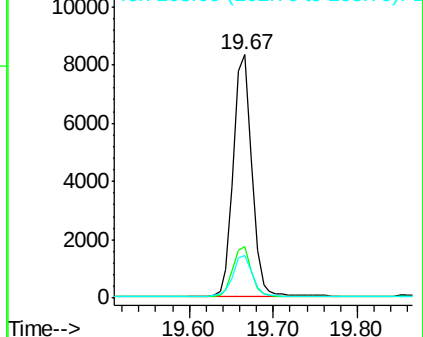
203 18.1 13.7 20.5

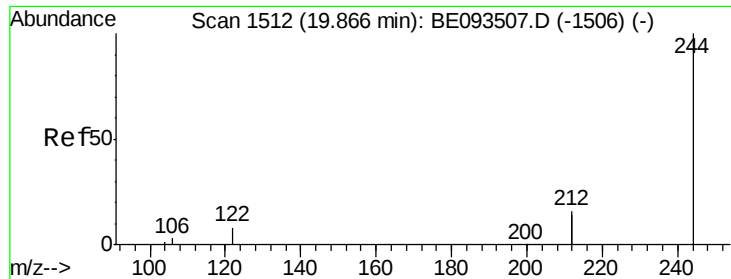


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.308 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

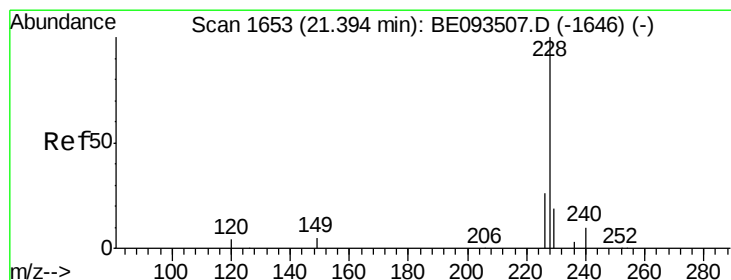
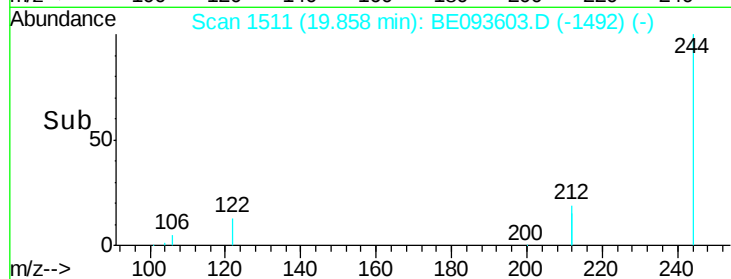
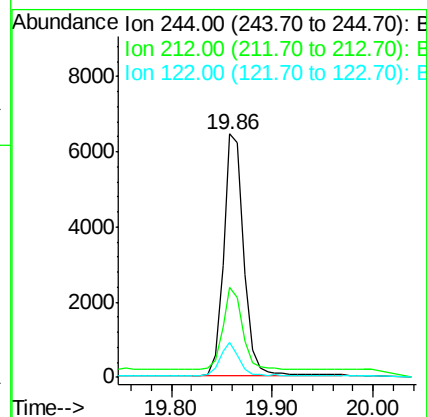
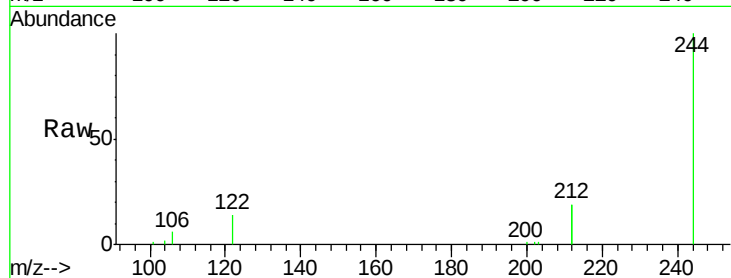
Tgt Ion:244 Resp: 8931

Ion Ratio Lower Upper

244 100

212 37.1 10.6 16.0#

122 14.2 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.298 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

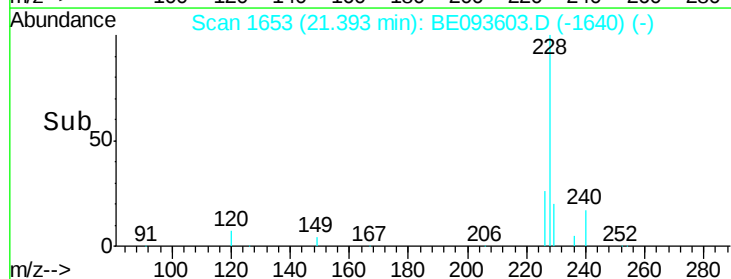
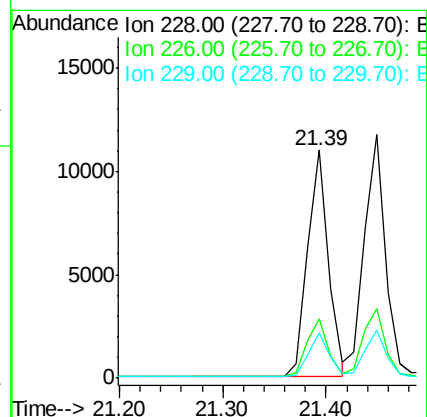
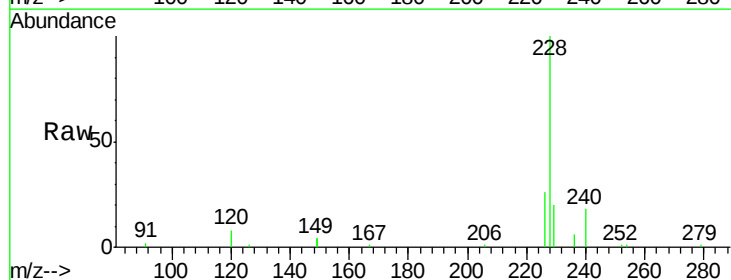
Tgt Ion:228 Resp: 15271

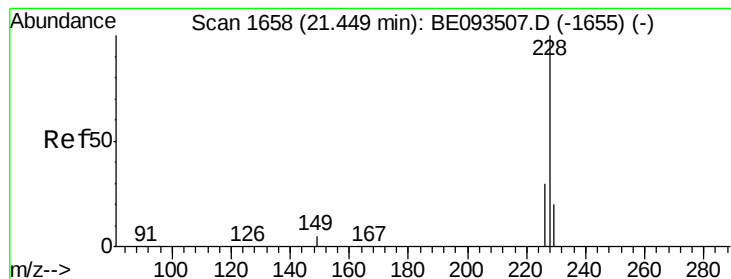
Ion Ratio Lower Upper

228 100

226 26.1 19.7 29.5

229 19.9 19.2 28.8





#31

Chrysene

Concen: 0.334 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

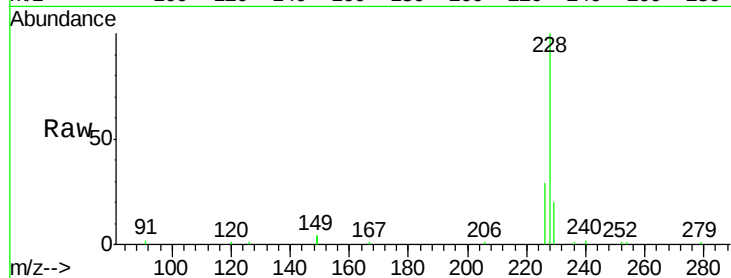
Tgt Ion:228 Resp: 16960

Ion Ratio Lower Upper

228 100

226 28.7 21.5 32.3

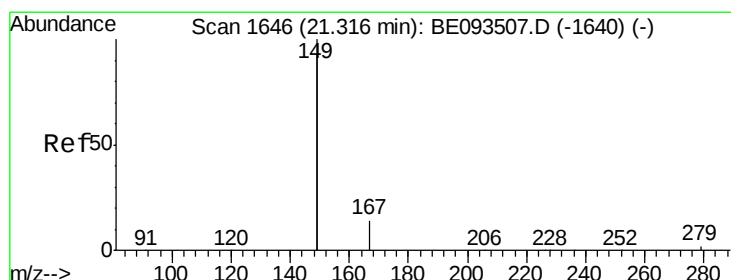
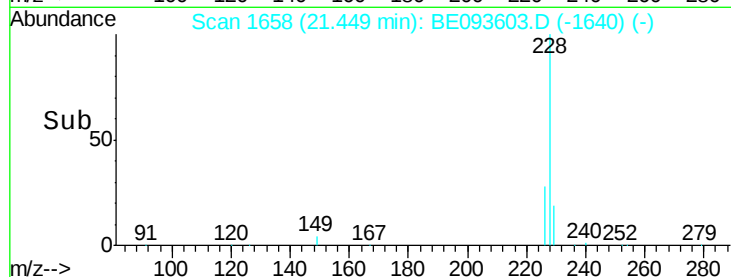
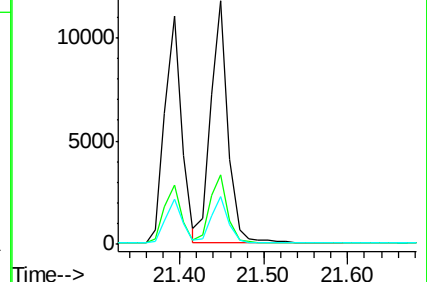
229 19.8 18.6 28.0



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: 0.205 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

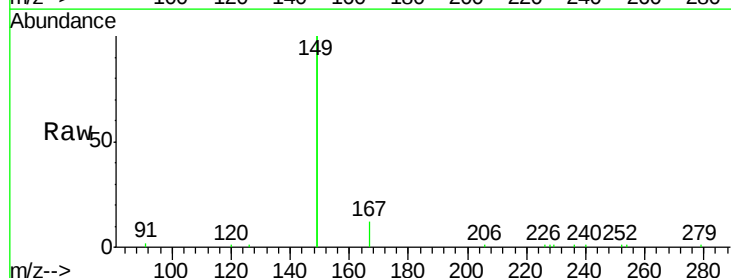
Tgt Ion:149 Resp: 21696

Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

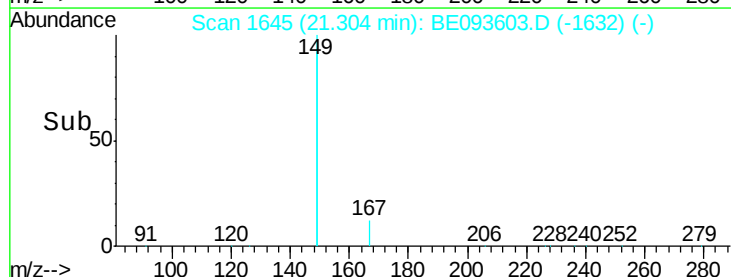
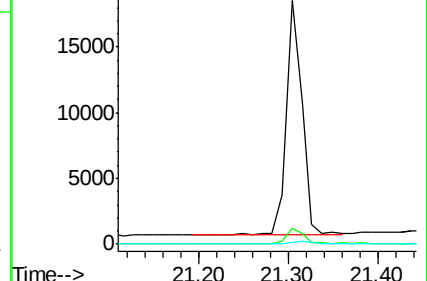
279 1.0 0.8 1.2

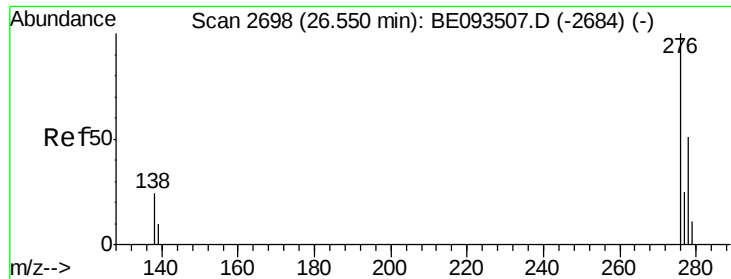


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.322 ng

RT: 26.55 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE093603.D

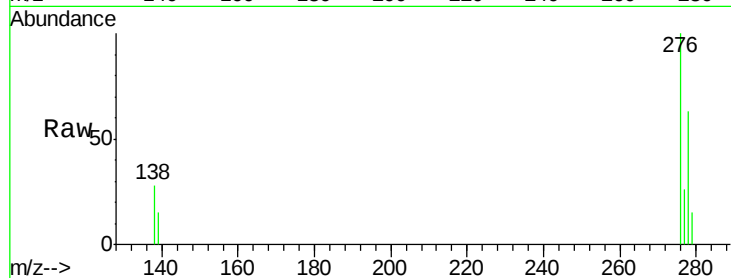
Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD



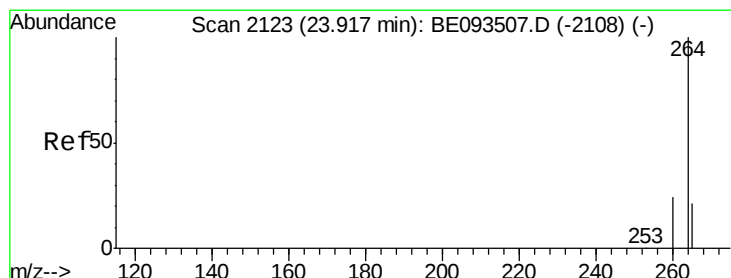
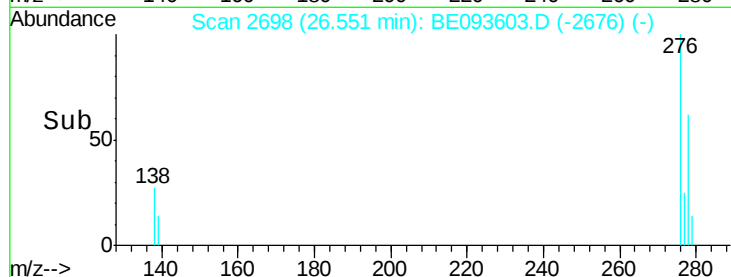
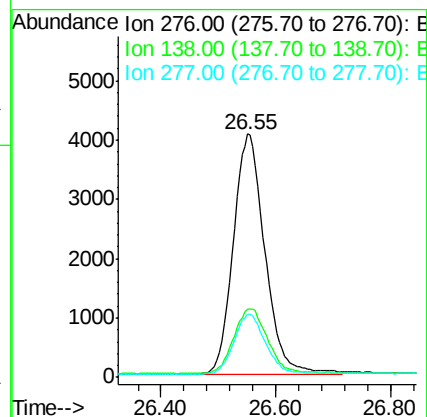
Tgt Ion:276 Resp: 15503

Ion Ratio Lower Upper

276 100

138 28.8 27.4 41.2

277 24.9 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: BE093603.D

Acq: 26 Jul 2017 14:11

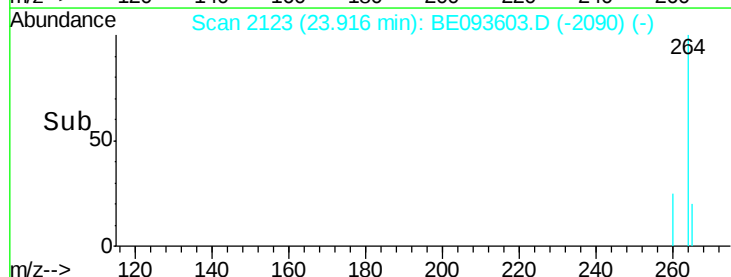
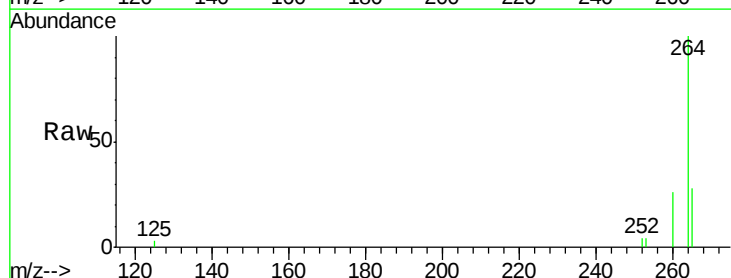
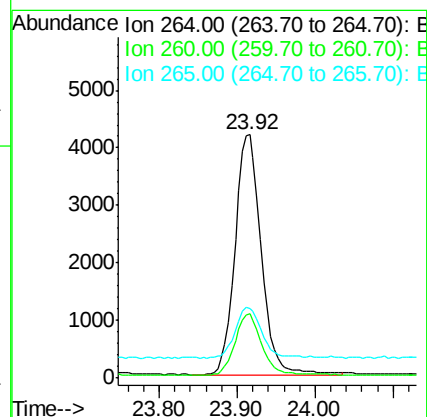
Tgt Ion:264 Resp: 9695

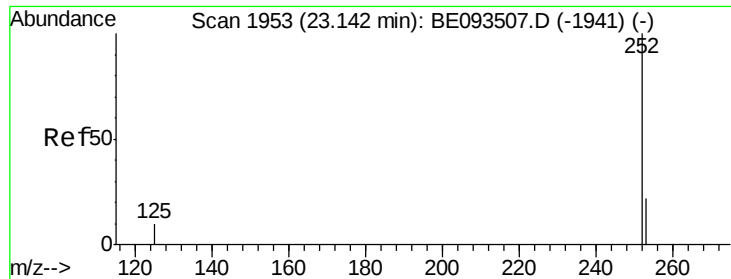
Ion Ratio Lower Upper

264 100

260 26.2 21.0 31.4

265 28.5 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.483 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

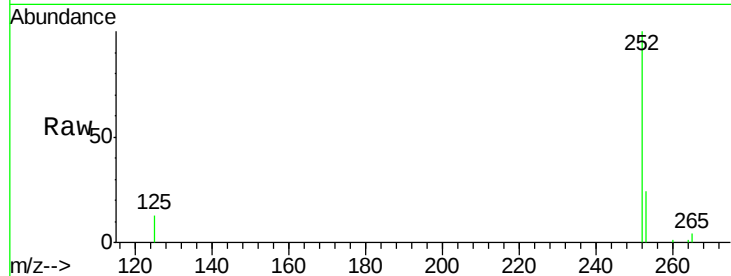
Tgt Ion:252 Resp: 16435

Ion Ratio Lower Upper

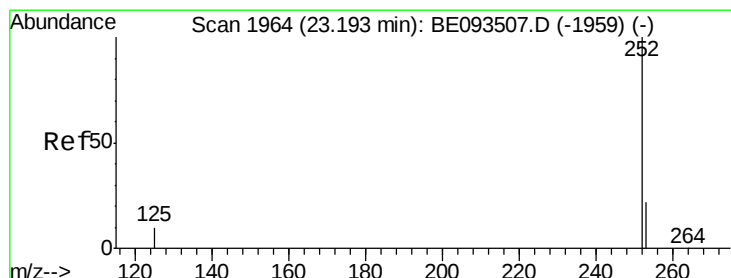
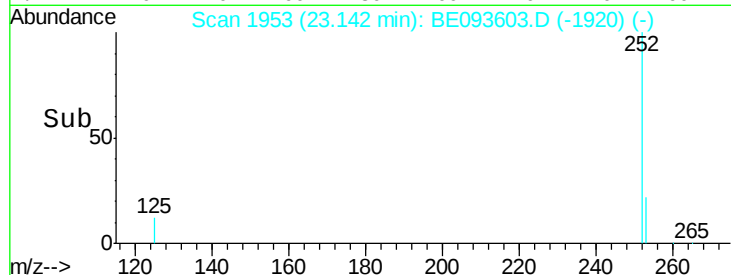
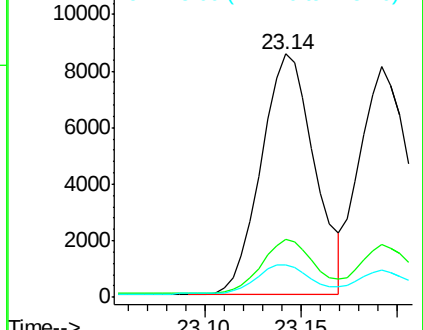
252 100

253 23.6 18.5 27.7

125 13.5 13.4 20.0



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



#36

Benzo(k)fluoranthene

Concen: 0.489 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

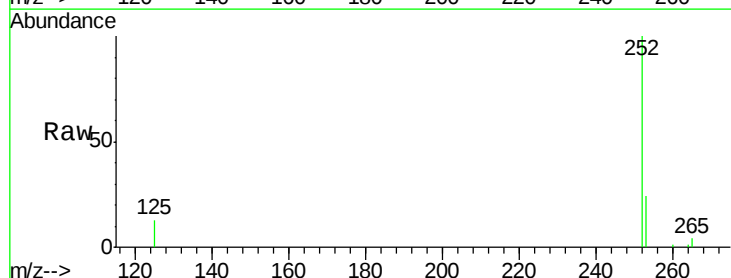
Tgt Ion:252 Resp: 16435

Ion Ratio Lower Upper

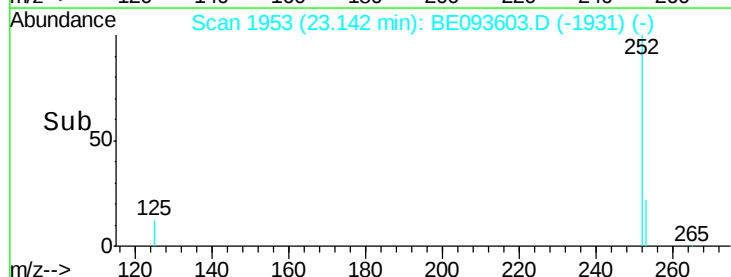
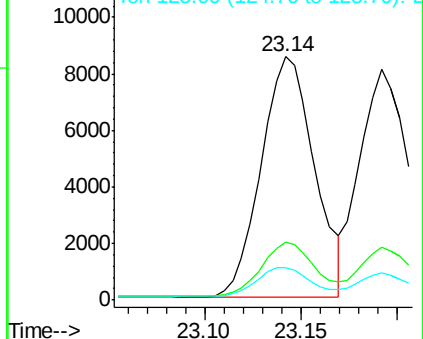
252 100

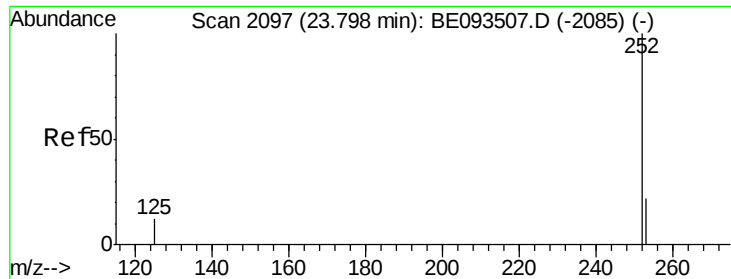
253 23.6 20.3 30.5

125 13.5 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: 0.375 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD

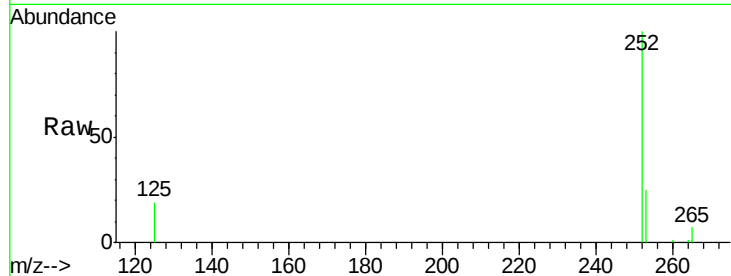
Tgt Ion:252 Resp: 11883

Ion Ratio Lower Upper

252 100

253 24.7 19.9 29.9

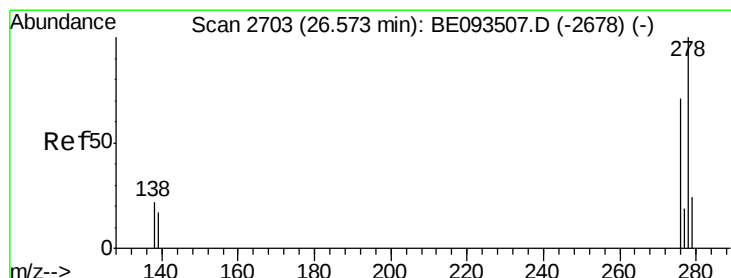
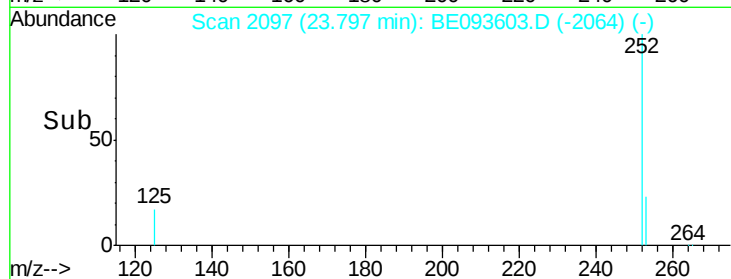
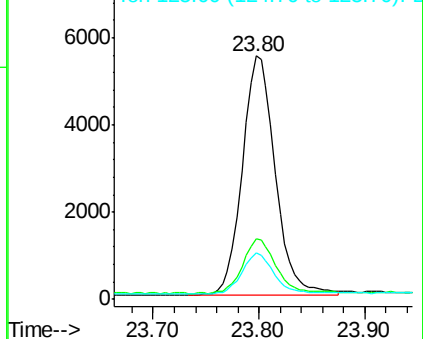
125 19.3 14.6 21.8



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: 0.481 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE093603.D

Acq: 26 Jul 2017 14:11

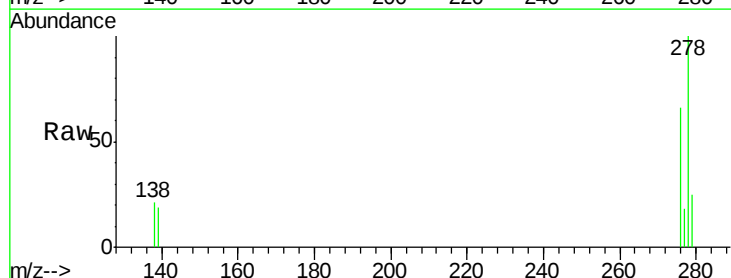
Tgt Ion:278 Resp: 14408

Ion Ratio Lower Upper

278 100

139 19.2 21.4 32.0#

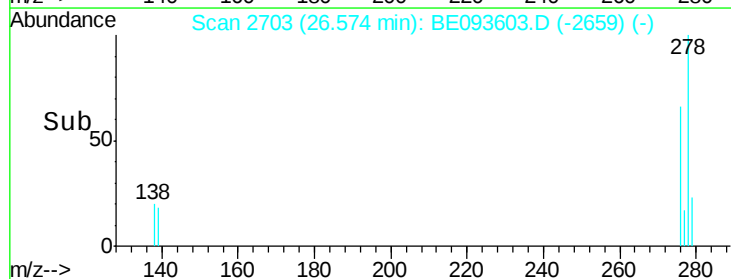
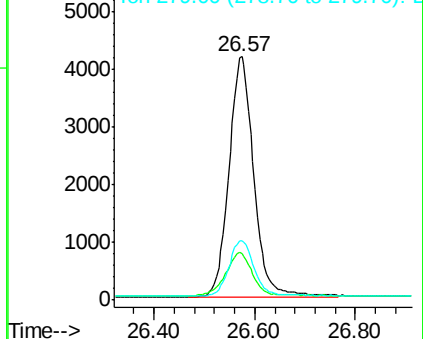
279 24.6 22.2 33.2

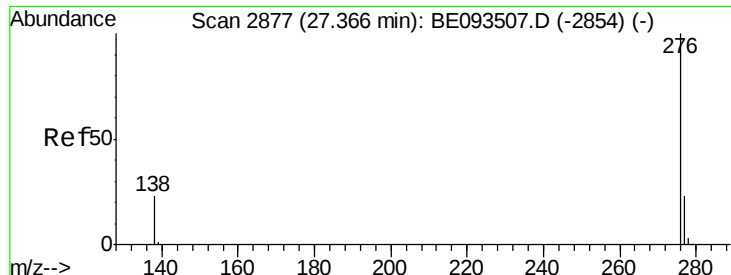


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.415 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093603.D

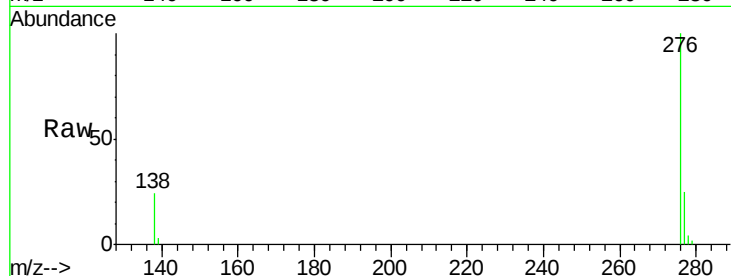
Acq: 26 Jul 2017 14:11

Instrument :

BNA_E

ClientSampleId :

PB100785BSD



Tgt Ion: 276 Resp: 12466

Ion Ratio Lower Upper

276 100

277 25.1 21.2 31.8

138 24.1 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

