

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093602.D
 Acq On : 26 Jul 2017 13:34
 Operator : SJ/JU
 Sample : PB100785BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100785BS

Quant Time: Jul 27 08:19:28 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	2296	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10482	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5745	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16370	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15797	0.40	ng	-0.01
34) Perylene-d12	23.91	264	8956	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	2405	0.30	ng	0.00
5) Phenol-d6	7.09	99	3409	0.31	ng	0.00
8) Nitrobenzene-d5	9.06	82	2614	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5064	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	450	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7414	0.33	ng	-0.01
25) Fluoranthene-d10	19.27	212	53964	0.21	ng	0.00
29) Terphenyl-d14	19.86	244	9980	0.35	ng	0.00

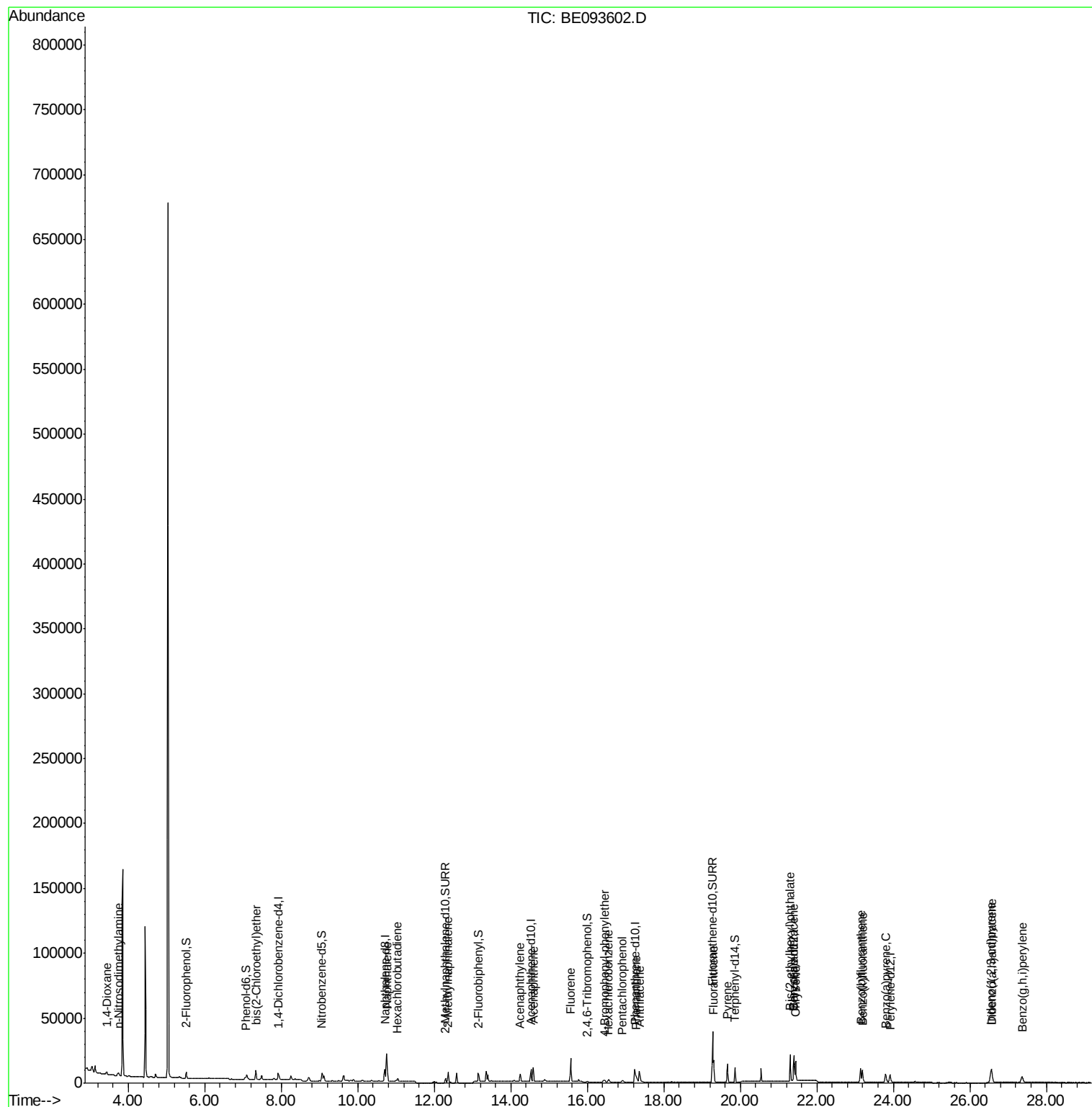
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	1551	0.407	ng	# 55
3) n-Nitrosodimethylamine	3.74	42	1749	0.464	ng	# 68
6) bis(2-Chloroethyl)ether	7.34	93	2526	0.284	ng	# 97
9) Naphthalene	10.76	128	34313	0.281	ng	99
10) Hexachlorobutadiene	11.04	225	1294	0.273	ng	98
12) 2-Methylnaphthalene	12.36	142	5891	0.288	ng	99
16) Acenaphthylene	14.24	152	7417	0.256	ng	# 87
17) Acenaphthene	14.59	154	5743	0.292	ng	99
18) Fluorene	15.56	166	7874	0.285	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1408	0.221	ng	# 95
21) Hexachlorobenzene	16.55	284	1432	0.233	ng	# 100
22) Pentachlorophenol	16.91	266	1641	0.527	ng	98
23) Phenanthrene	17.27	178	10427	0.281	ng	95
24) Anthracene	17.37	178	13482	0.238	ng	97
26) Fluoranthene	19.30	202	15770	0.199	ng	98
28) Pyrene	19.66	202	13885	0.271	ng	# 98
30) Benzo(a)anthracene	21.39	228	14494	0.285	ng	94
31) Chrysene	21.45	228	15867	0.315	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	22688	0.217	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	13798	0.290	ng	95
35) Benzo(b)fluoranthene	23.14	252	14638	0.465	ng	# 95
36) Benzo(k)fluoranthene	23.19	252	13472	0.434	ng	95
37) Benzo(a)pyrene	23.80	252	10548	0.361	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	13075	0.473	ng	# 92
39) Benzo(g,h,i)perylene	27.37	276	11042	0.398	ng	# 92

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

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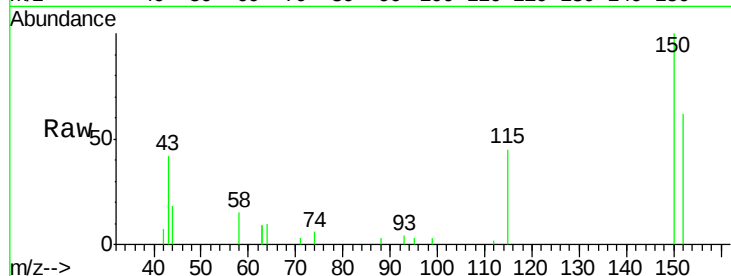


#1

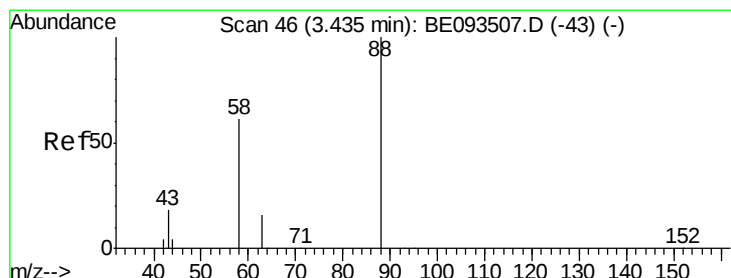
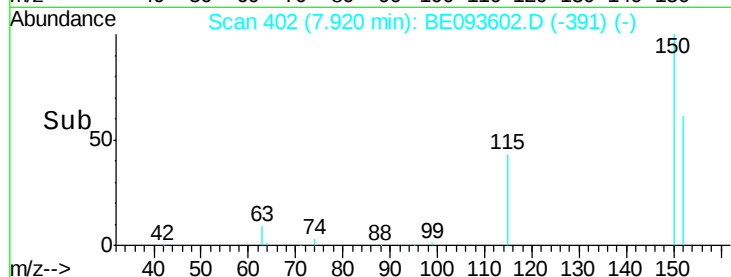
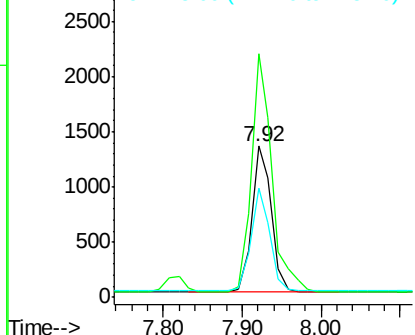
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Instrument :
BNA_E
ClientSampleId :
PB100785BS

Tgt Ion: 152 Resp: 2296
Ion Ratio Lower Upper
152 100
150 161.0 125.1 187.7
115 71.9 55.7 83.5



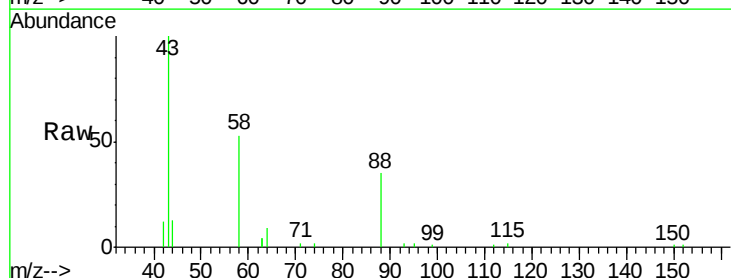
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



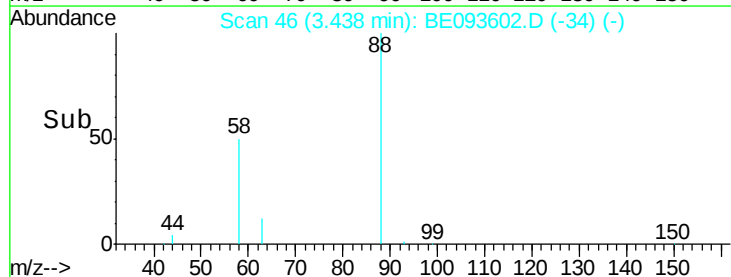
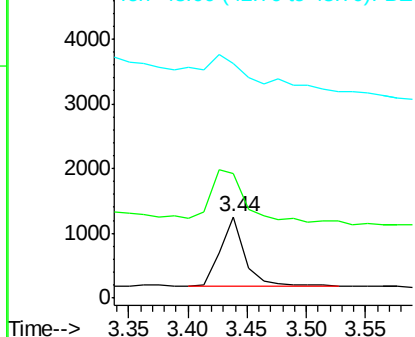
#2

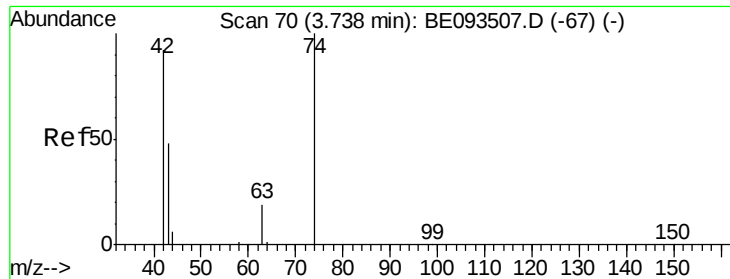
1,4-Dioxane
Concen: 0.407 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Tgt Ion: 88 Resp: 1551
Ion Ratio Lower Upper
88 100
58 98.3 62.2 93.4#
43 83.6 23.2 34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.464 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

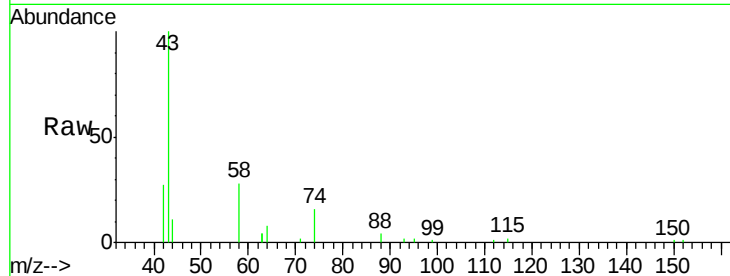
Tgt Ion: 42 Resp: 1749

Ion Ratio Lower Upper

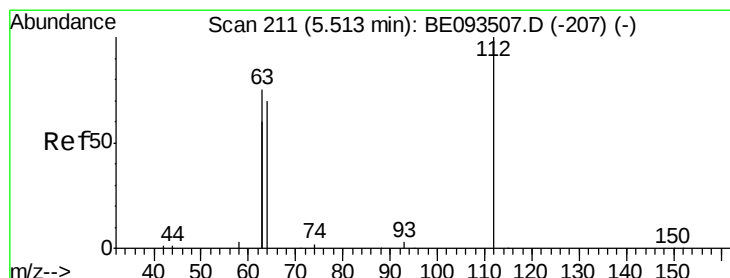
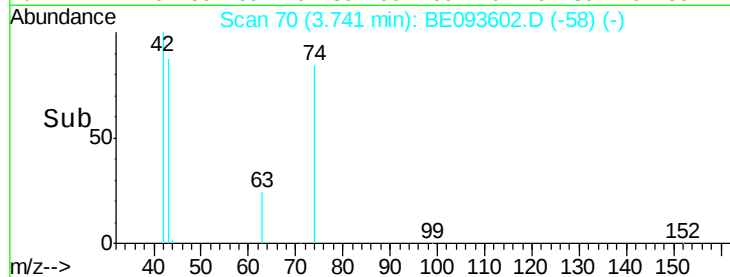
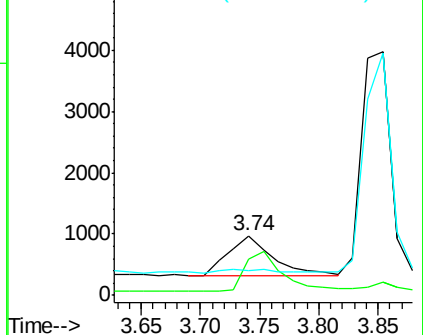
42 100

74 86.9 99.1 148.7#

44 0.0 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.302 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

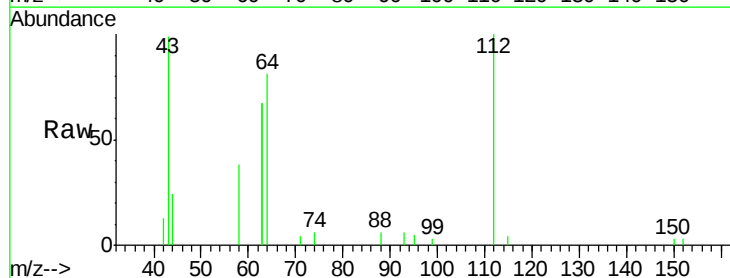
Tgt Ion: 112 Resp: 2405

Ion Ratio Lower Upper

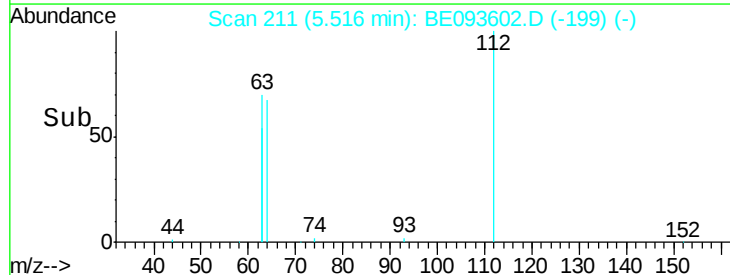
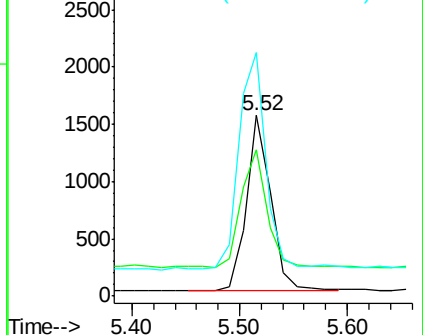
112 100

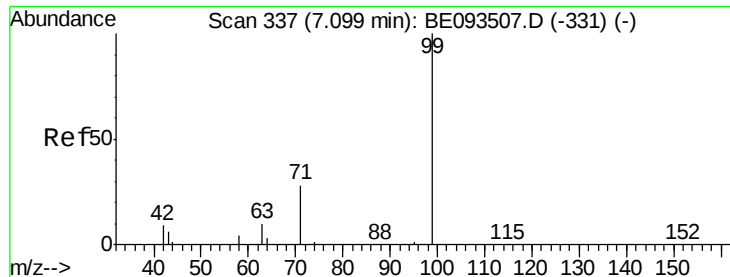
64 71.4 56.4 84.6

63 135.4 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.305 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

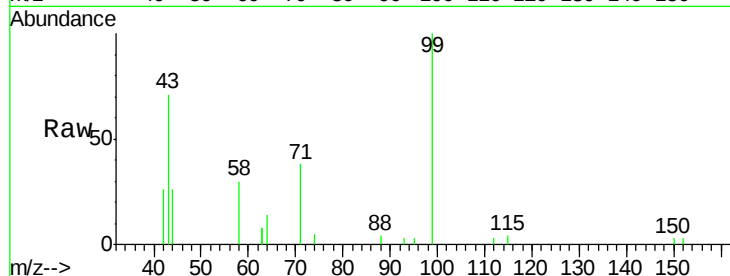
Tgt Ion: 99 Resp: 3409

Ion Ratio Lower Upper

99 100

42 19.5 0.0 0.0#

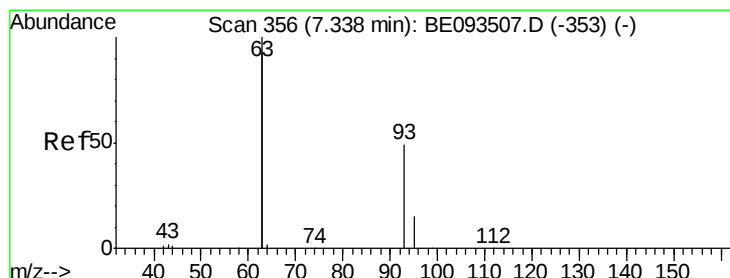
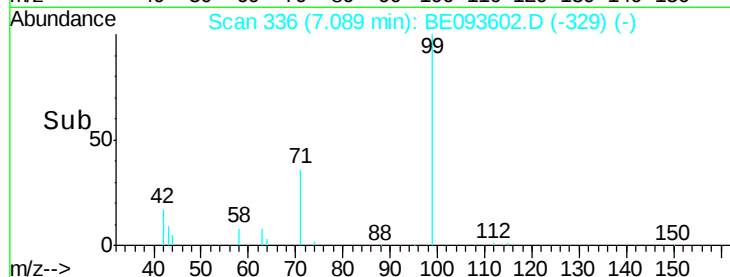
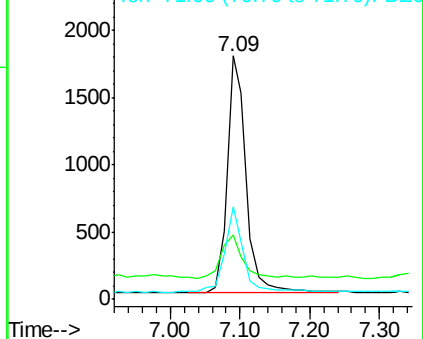
71 35.0 0.0 0.0#



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: 0.284 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

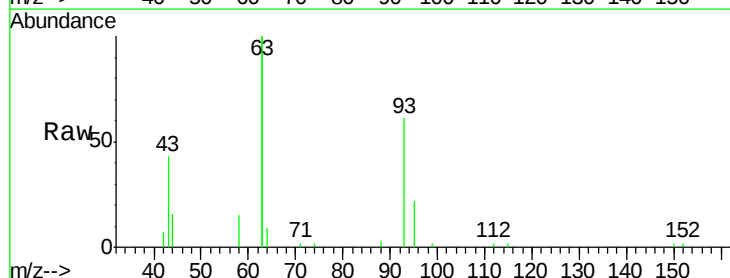
Tgt Ion: 93 Resp: 2526

Ion Ratio Lower Upper

93 100

63 347.4 0.0 0.0#

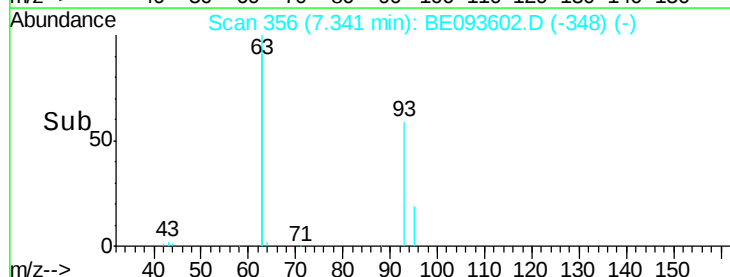
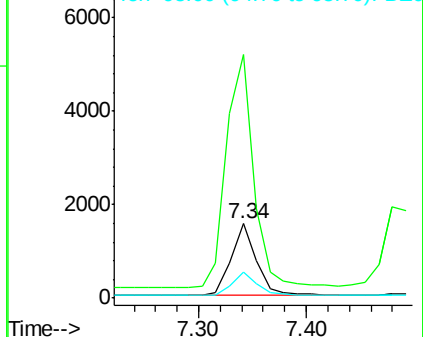
95 33.1 25.4 38.0

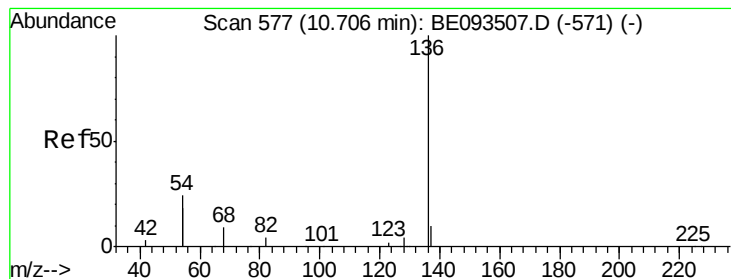


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

Tgt Ion:136 Resp: 10482

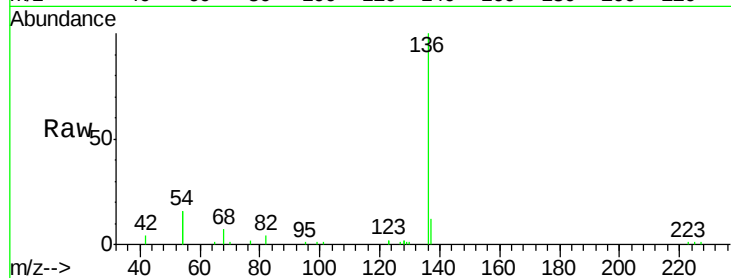
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 32.1 10.3 15.5#

68 7.0 9.0 13.4#

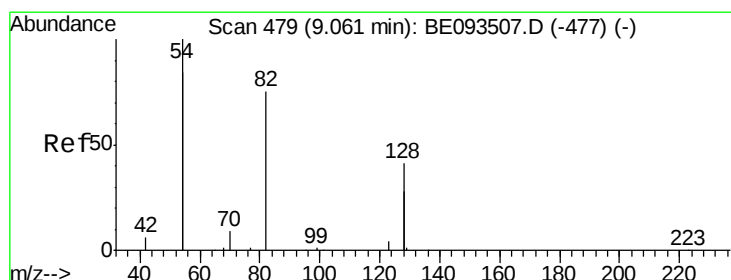
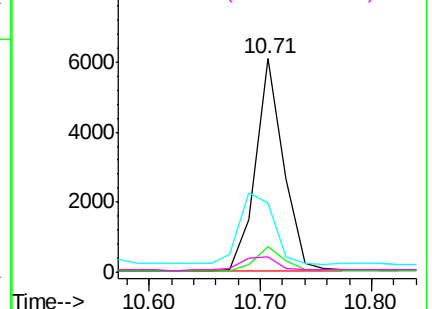
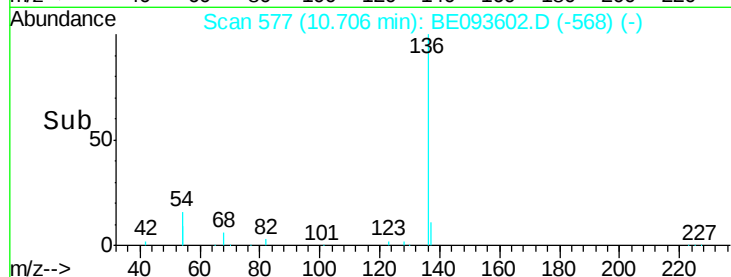


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

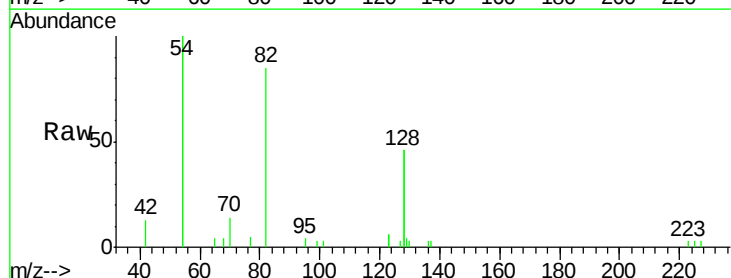
Tgt Ion: 82 Resp: 2614

Ion Ratio Lower Upper

82 100

128 107.4 17.0 25.4#

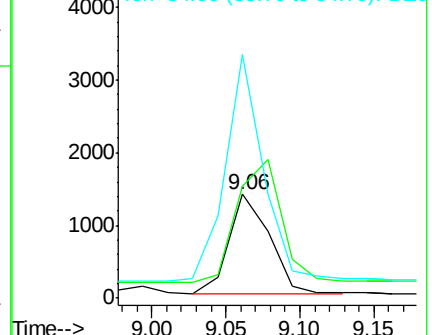
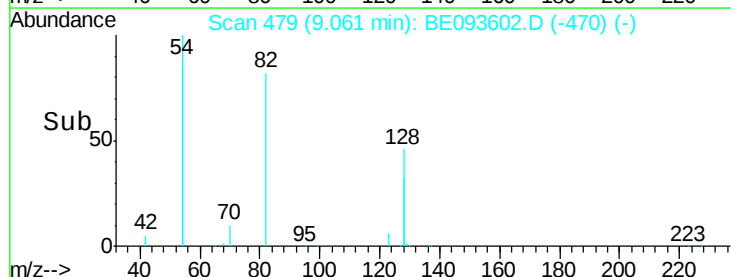
54 234.9 53.8 80.6#

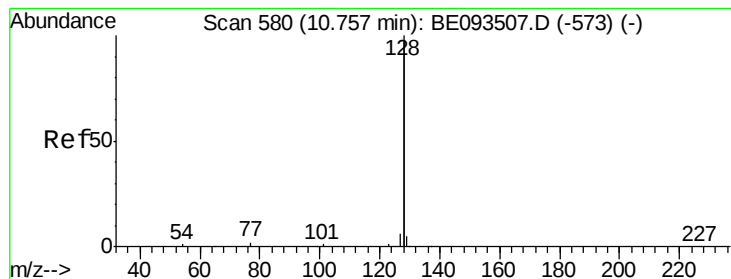


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.281 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

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ClientSampleId :

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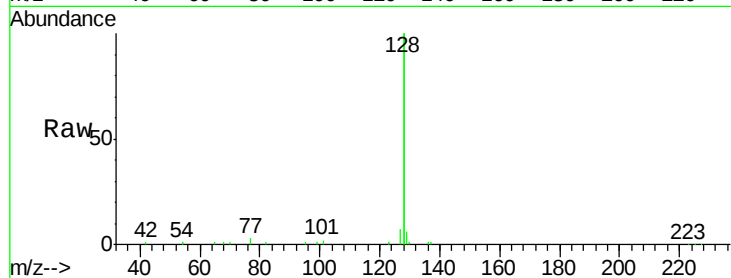
Tgt Ion:128 Resp: 34313

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

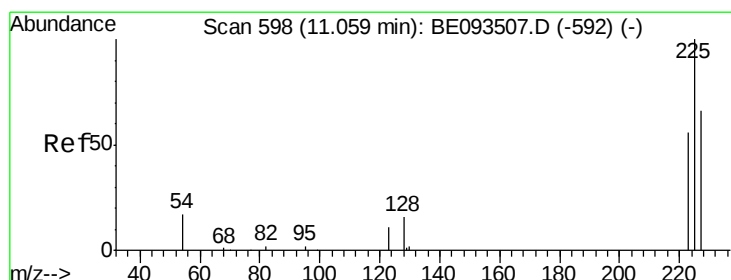
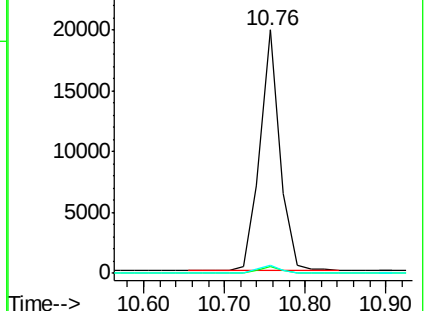
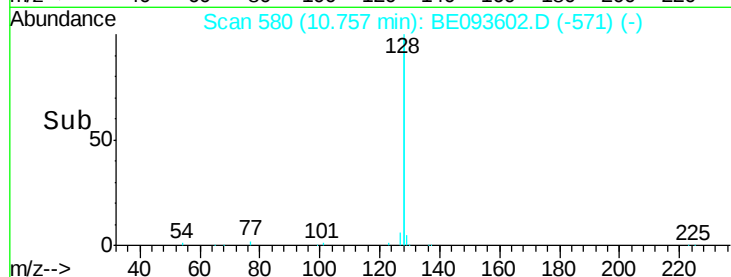
127 3.4 2.4 3.6



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: 0.273 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

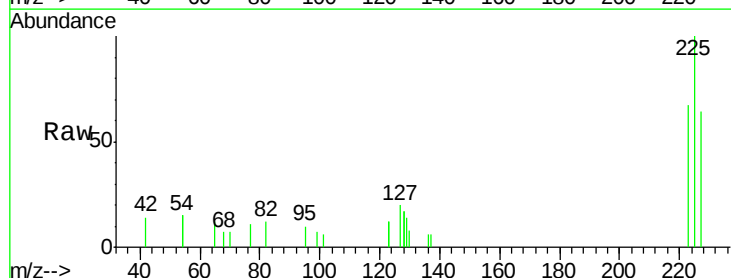
Tgt Ion:225 Resp: 1294

Ion Ratio Lower Upper

225 100

223 65.4 49.7 74.5

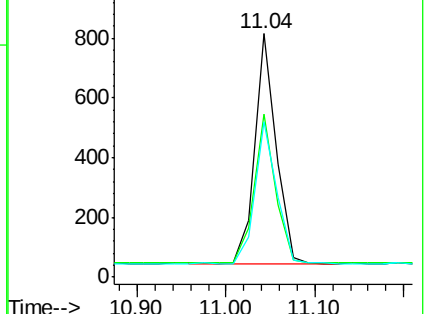
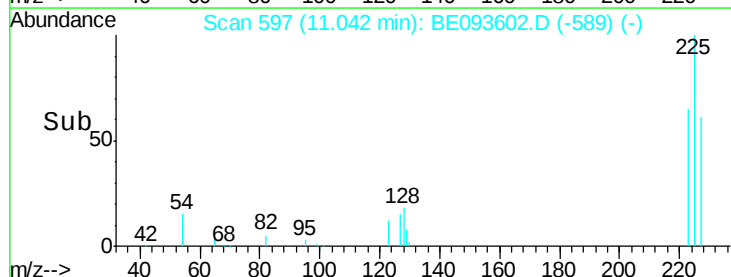
227 62.9 50.3 75.5

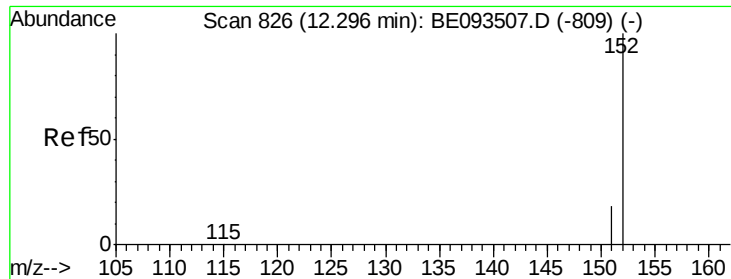


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

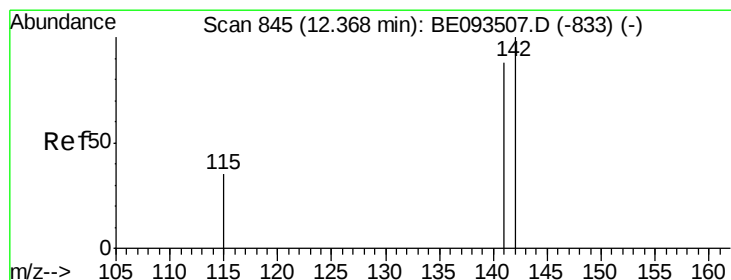
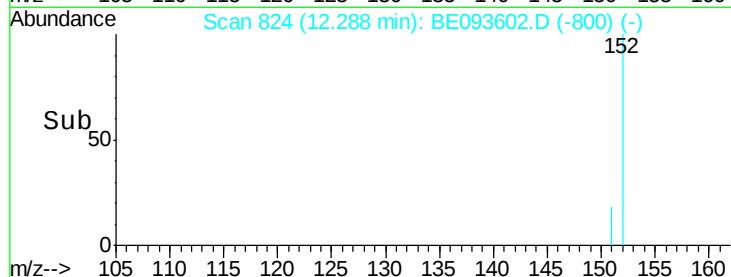
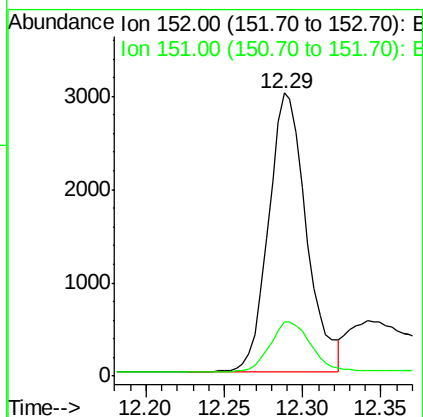
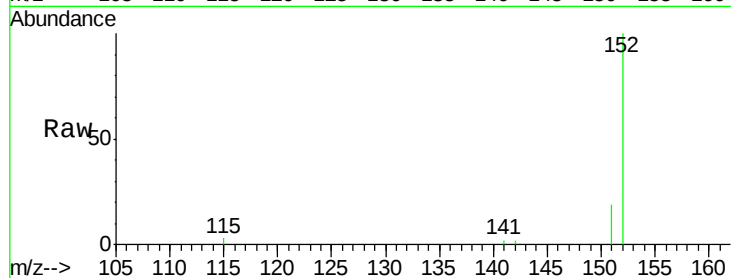




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

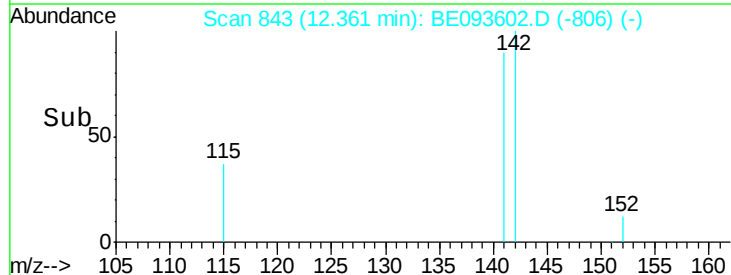
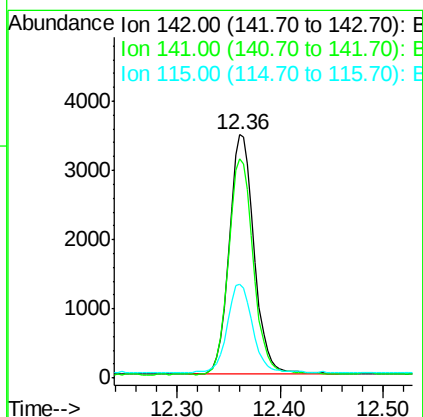
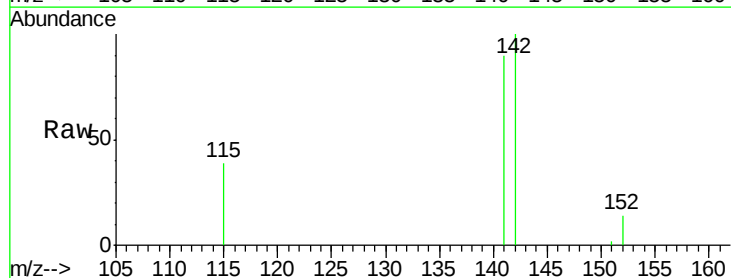
Instrument :
BNA_E
ClientSampleId :
PB100785BS

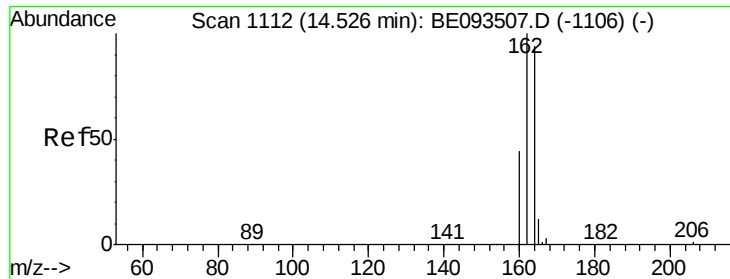
Tgt Ion:152 Resp: 5064
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.288 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Tgt Ion:142 Resp: 5891
Ion Ratio Lower Upper
142 100
141 90.0 72.6 108.8
115 38.6 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: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

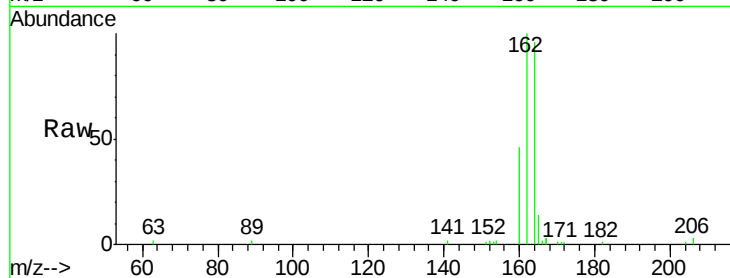
Tgt Ion:164 Resp: 5745

Ion Ratio Lower Upper

164 100

162 104.0 84.6 127.0

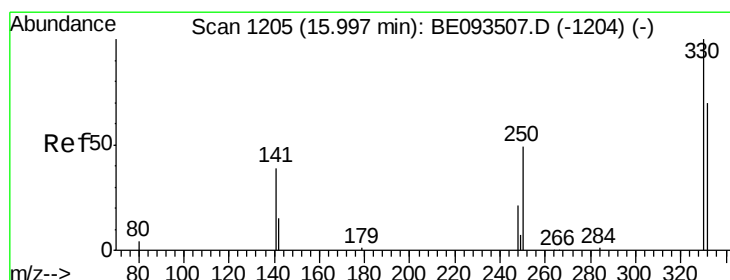
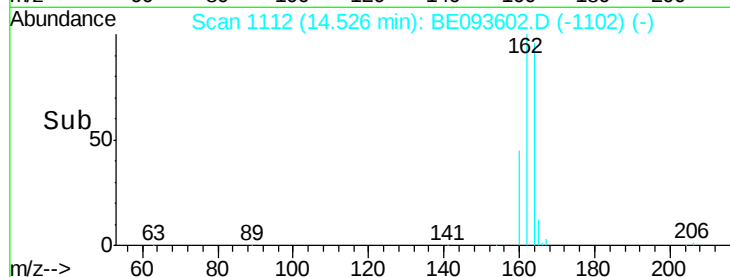
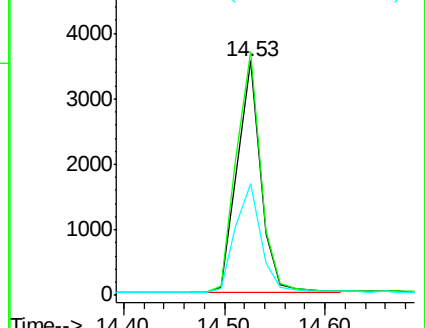
160 47.6 41.8 62.6



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: 0.215 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

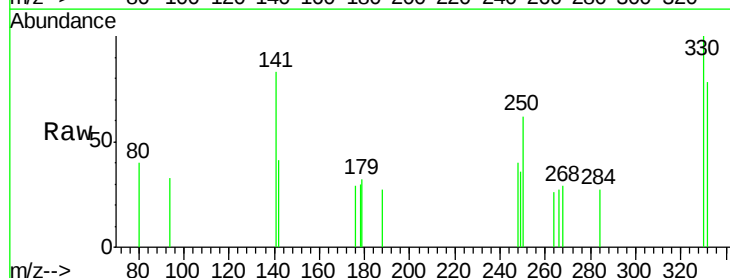
Tgt Ion:330 Resp: 450

Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

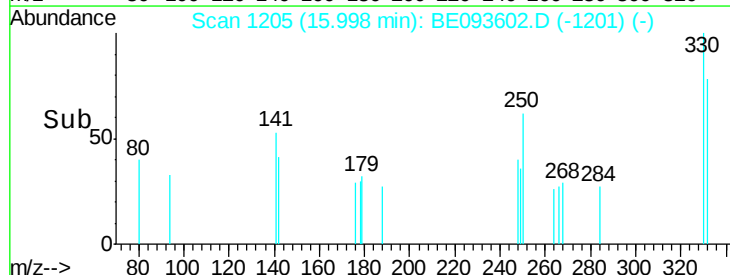
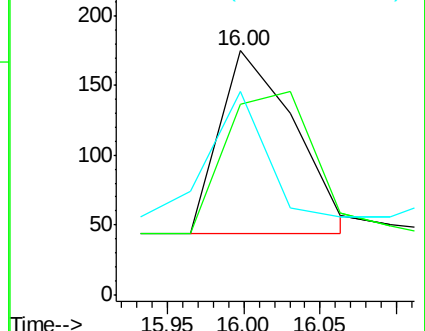
141 49.6 56.2 84.4#

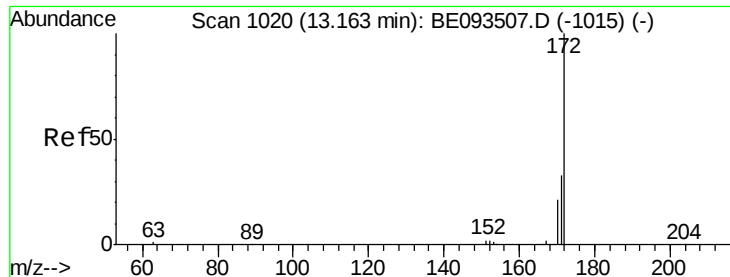


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

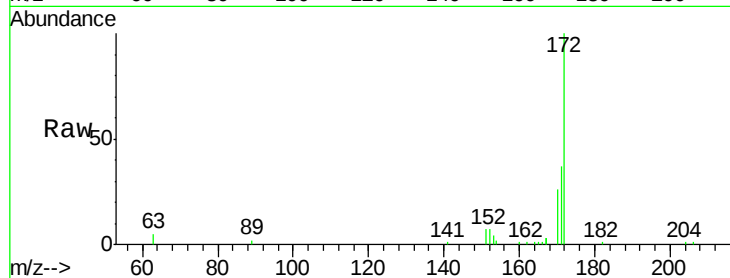




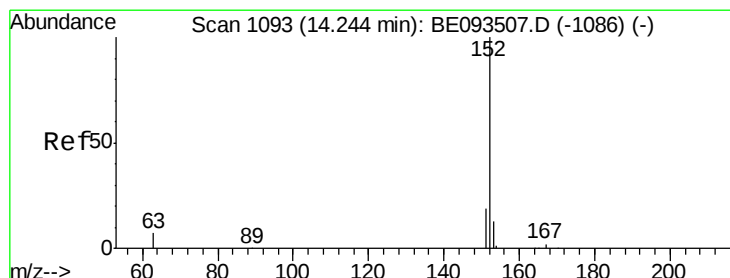
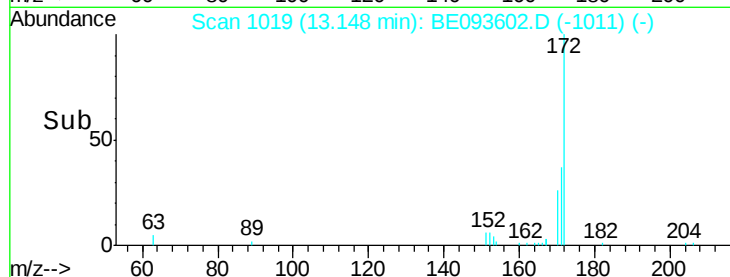
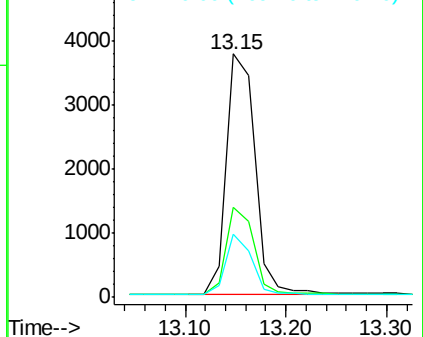
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Instrument :
BNA_E
ClientSampleId :
PB100785BS

Tgt Ion:172 Resp: 7414
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.9 20.7 31.1

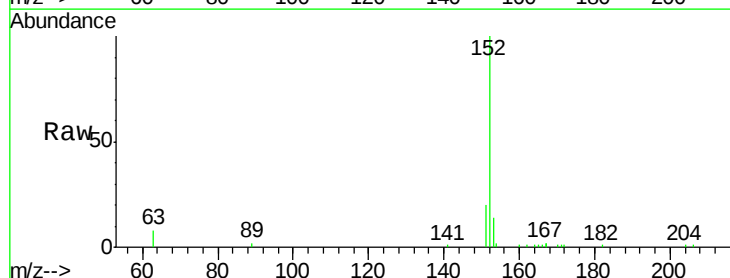


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

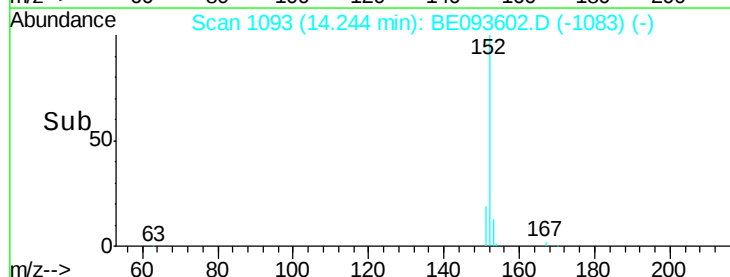
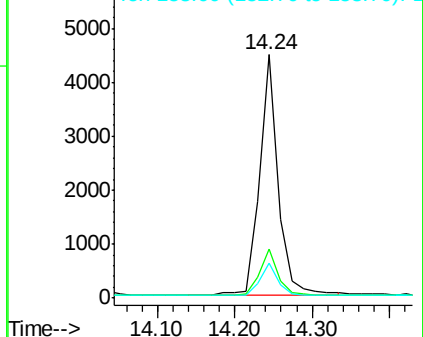


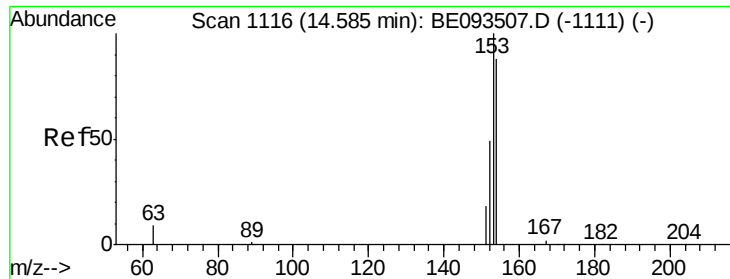
#16
Acenaphthylene
Concen: 0.256 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Tgt Ion:152 Resp: 7417
Ion Ratio Lower Upper
152 100
151 19.0 4.0 6.0#
153 13.4 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

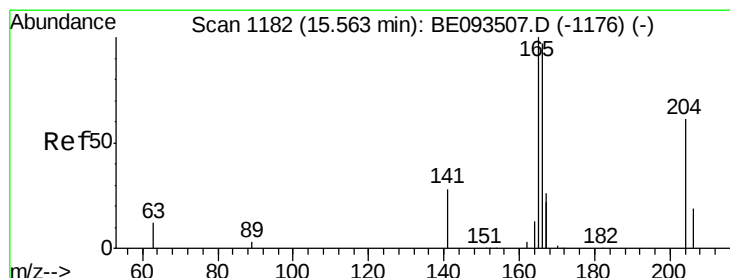
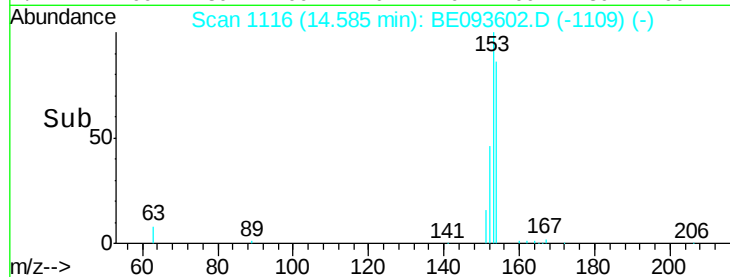
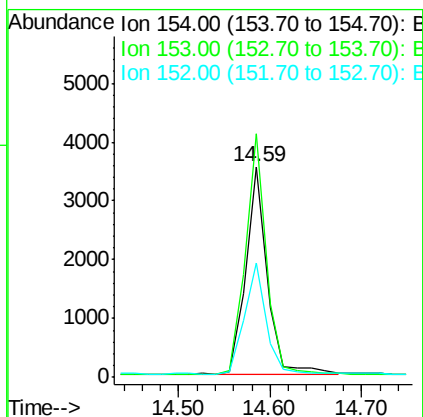
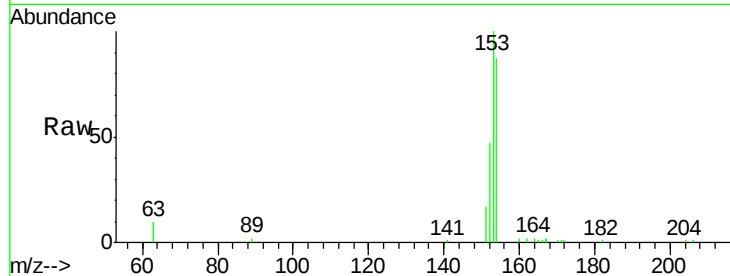




#17
Acenaphthene
Concen: 0.292 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

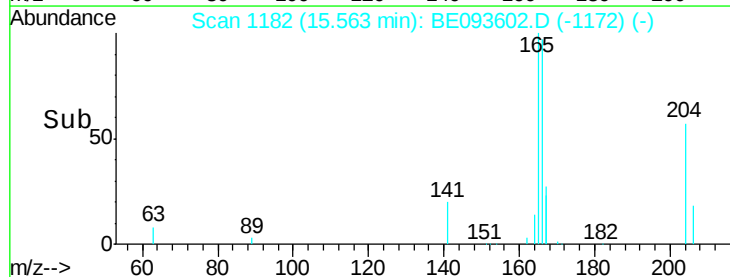
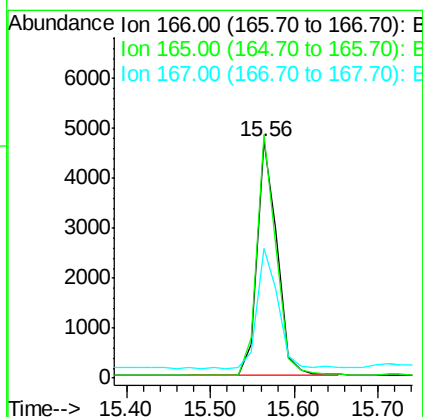
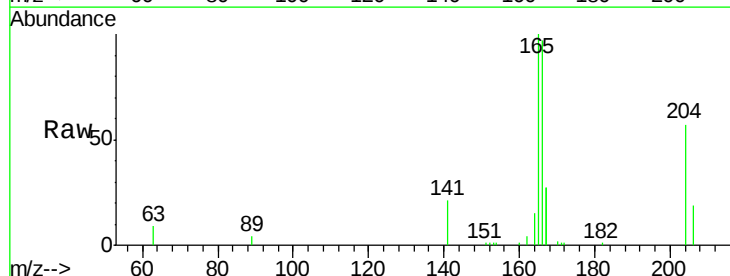
Instrument :
BNA_E
ClientSampleId :
PB100785BS

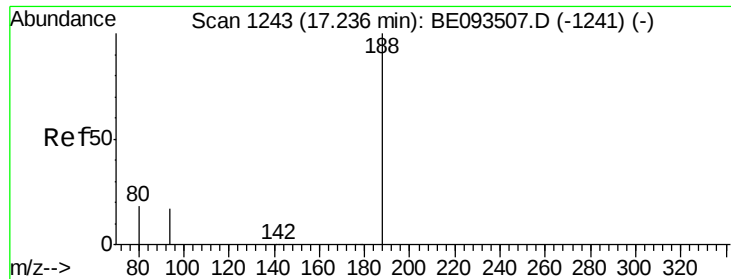
Tgt Ion:154 Resp: 5743
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 54.2 44.8 67.2



#18
Fluorene
Concen: 0.285 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Tgt Ion:166 Resp: 7874
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 53.6 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

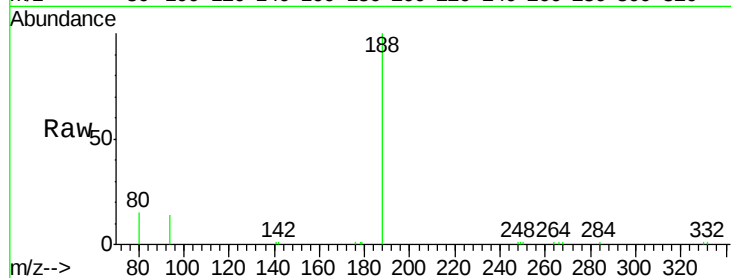
Tgt Ion:188 Resp: 16370

Ion Ratio Lower Upper

188 100

94 14.3 11.3 16.9

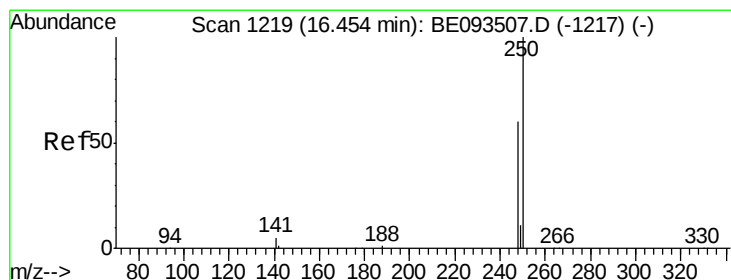
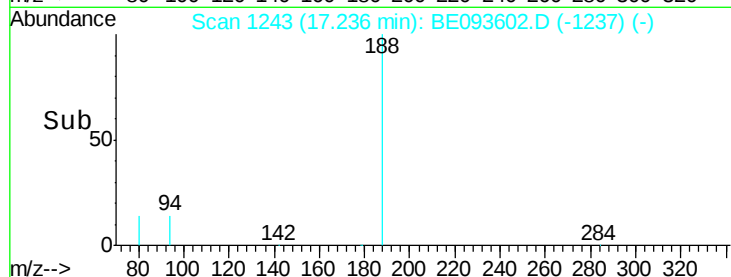
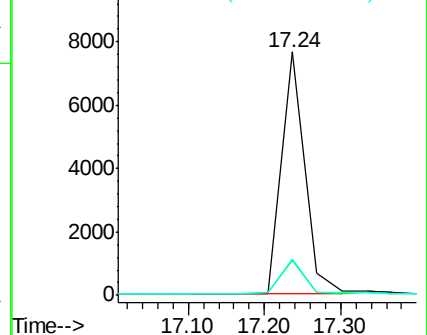
80 14.9 11.7 17.5



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: 0.221 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

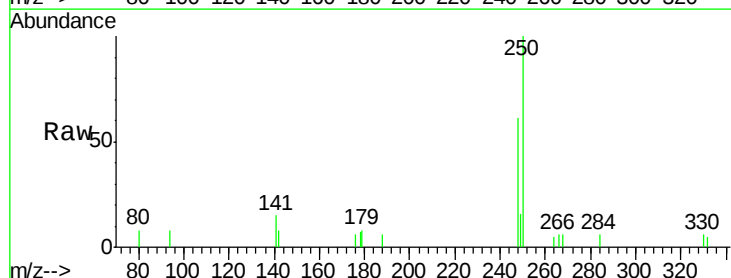
Tgt Ion:248 Resp: 1408

Ion Ratio Lower Upper

248 100

250 163.7 128.0 192.0

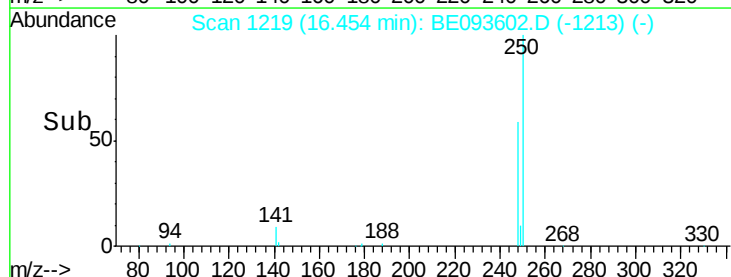
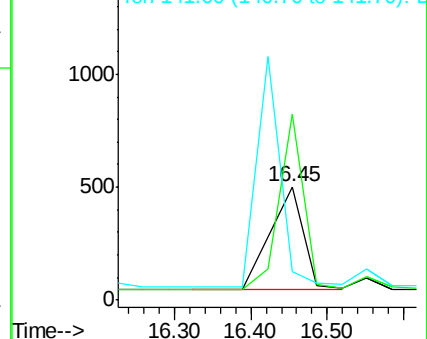
141 25.3 12.0 18.0#

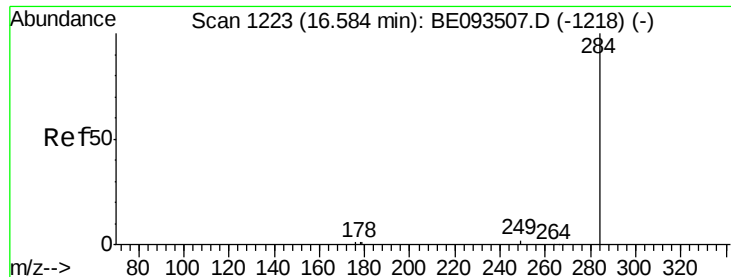


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

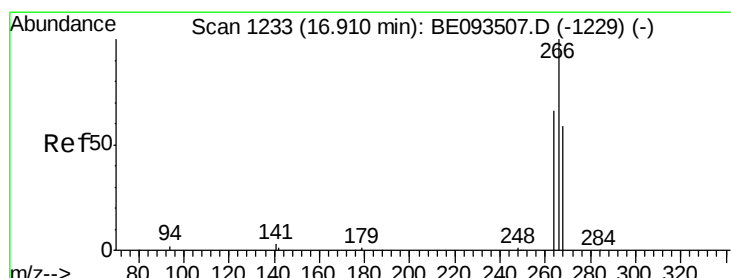
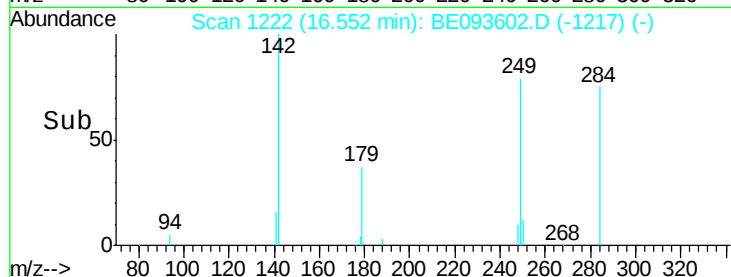
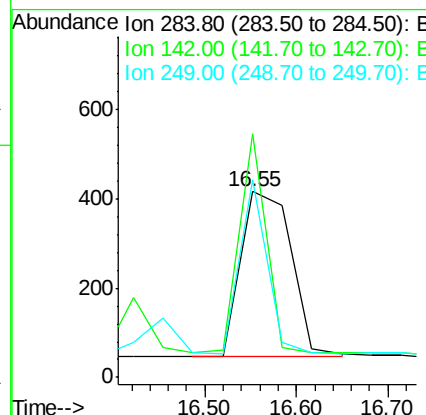
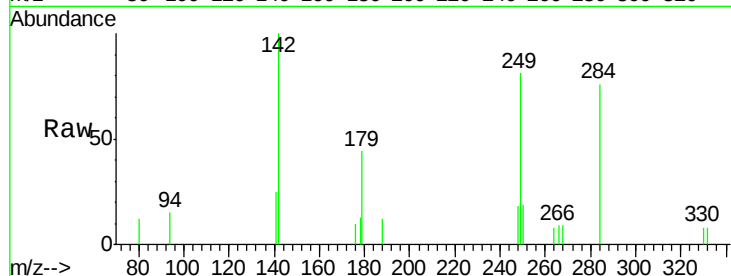




#21
Hexachlorobenzene
Concen: 0.233 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

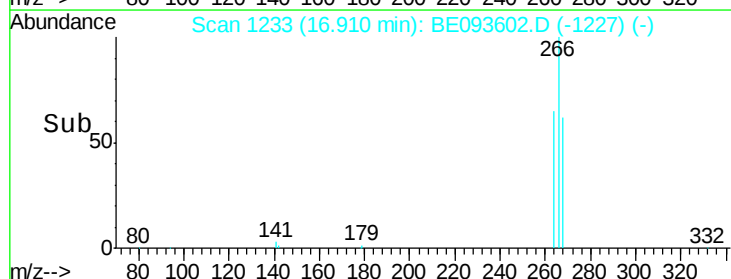
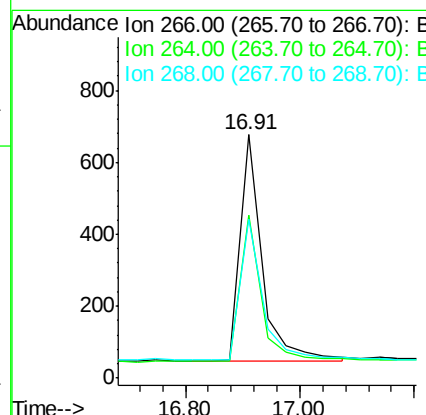
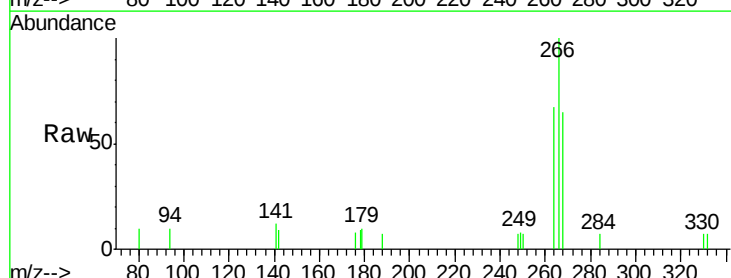
Instrument :
BNA_E
ClientSampleId :
PB100785BS

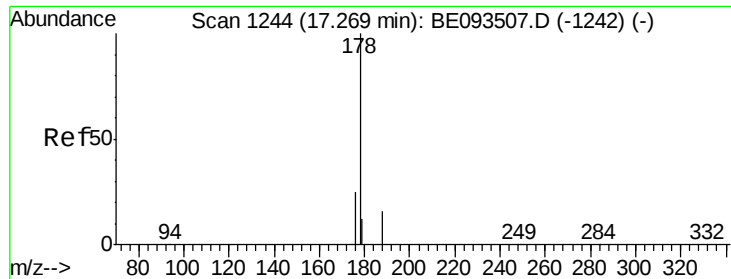
Tgt Ion:284 Resp: 1432
Ion Ratio Lower Upper
284 100
142 68.9 0.0 0.0#
249 56.8 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.527 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093602.D
Acq: 26 Jul 2017 13:34

Tgt Ion:266 Resp: 1641
Ion Ratio Lower Upper
266 100
264 66.8 56.0 84.0
268 65.4 52.0 78.0





#23

Phenanthrene

Concen: 0.281 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

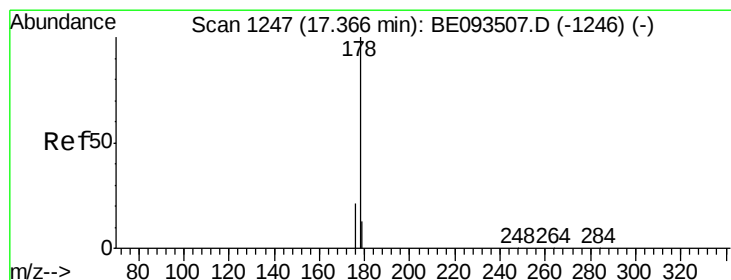
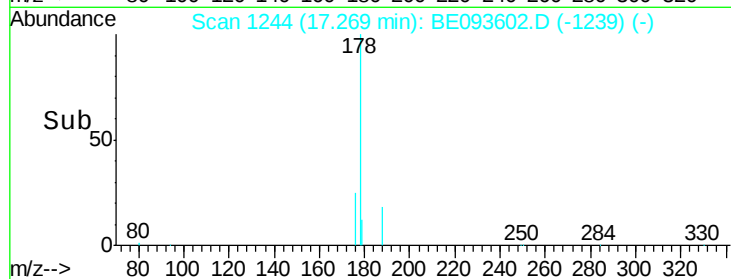
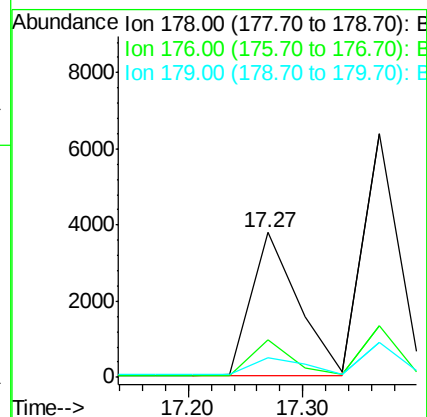
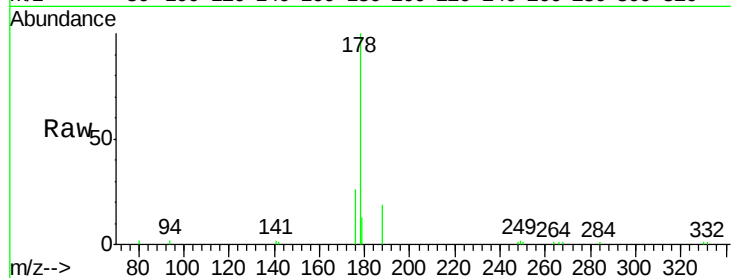
Tgt Ion:178 Resp: 10427

Ion Ratio Lower Upper

178 100

176 21.3 15.0 22.4

179 14.4 12.7 19.1



#24

Anthracene

Concen: 0.238 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

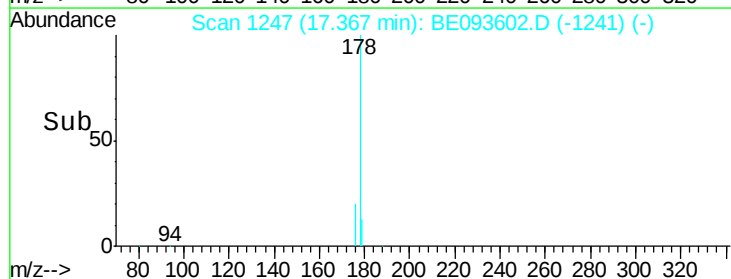
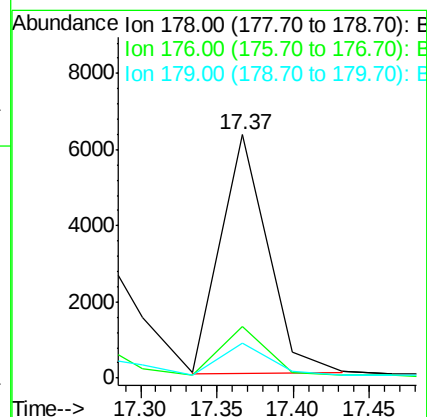
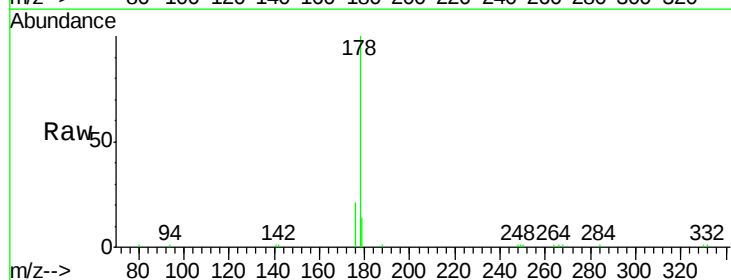
Tgt Ion:178 Resp: 13482

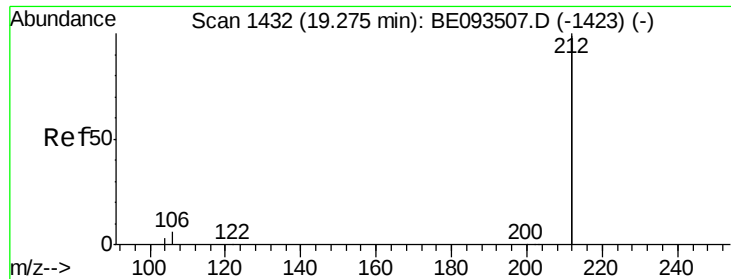
Ion Ratio Lower Upper

178 100

176 19.9 14.6 22.0

179 13.8 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.207 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

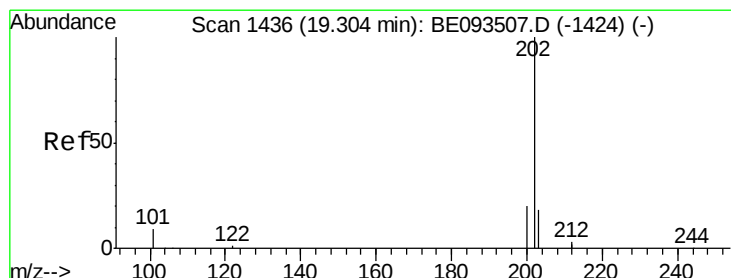
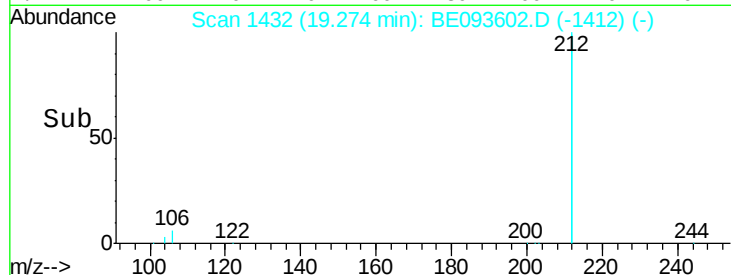
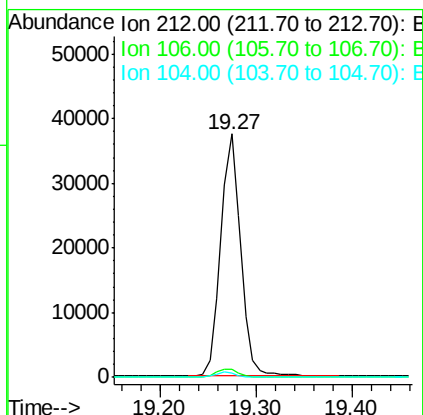
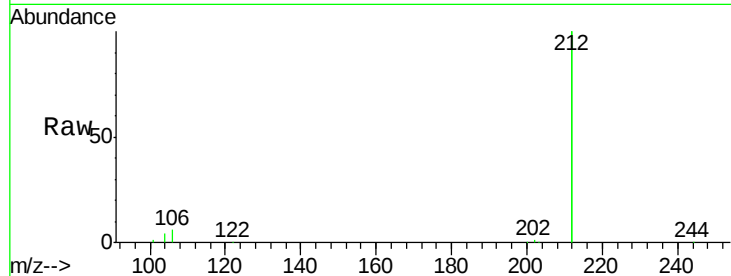
Instrument :

BNA_E

ClientSampleId :

PB100785BS

Tgt Ion:	212	Resp:	53964
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4



#26

Fluoranthene

Concen: 0.199 ng

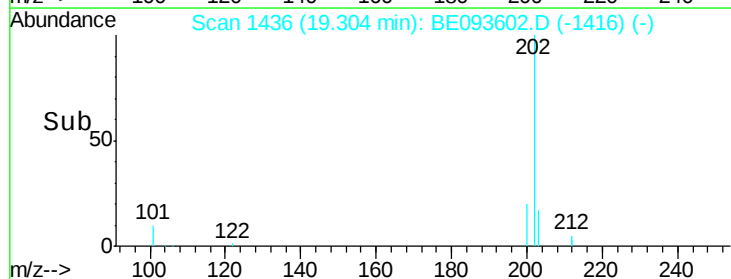
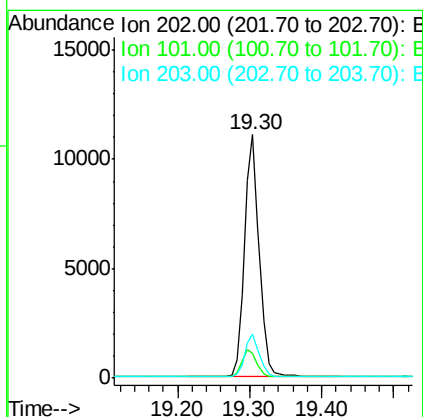
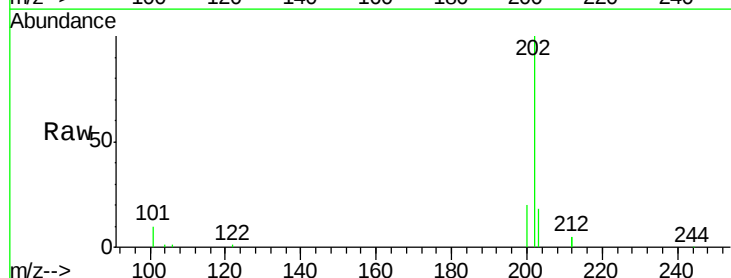
RT: 19.30 min Scan# 1436

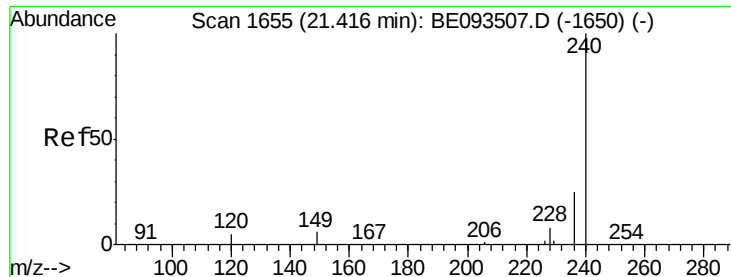
Delta R.T. -0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Tgt Ion:	202	Resp:	15770
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.0	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: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

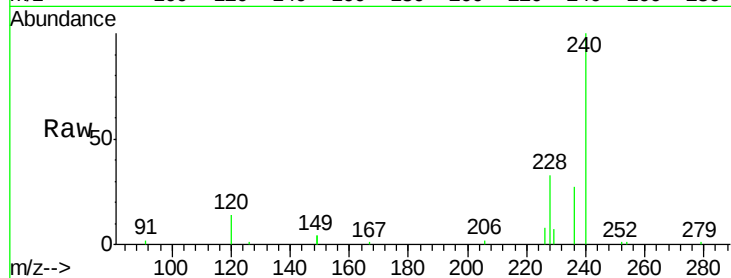
Tgt Ion:240 Resp: 15797

Ion Ratio Lower Upper

240 100

120 13.6 4.6 7.0#

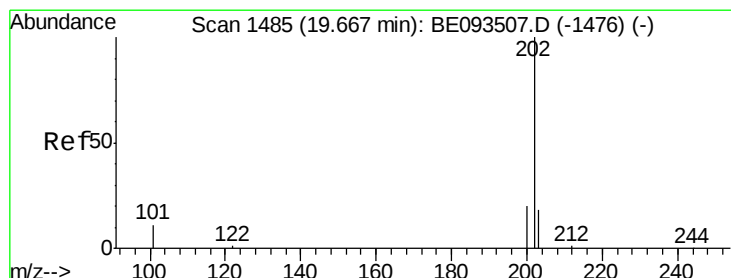
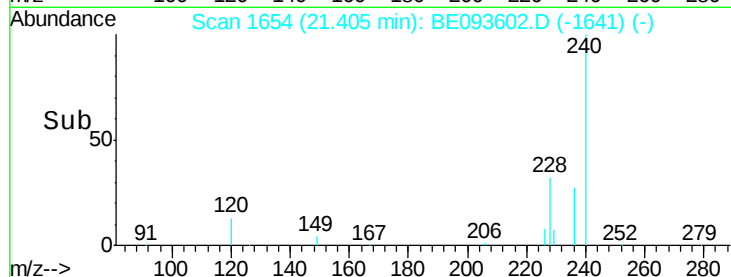
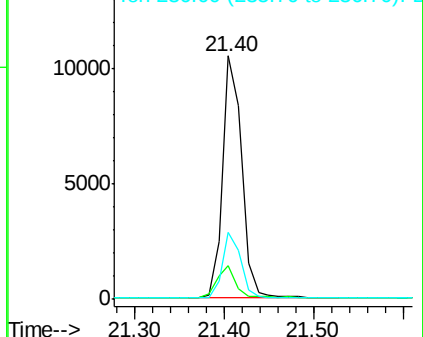
236 27.5 20.8 31.2



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: 0.271 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

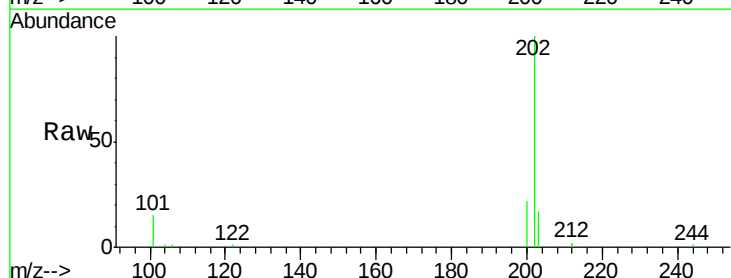
Tgt Ion:202 Resp: 13885

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

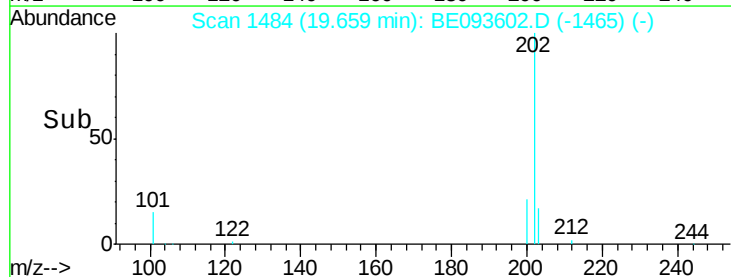
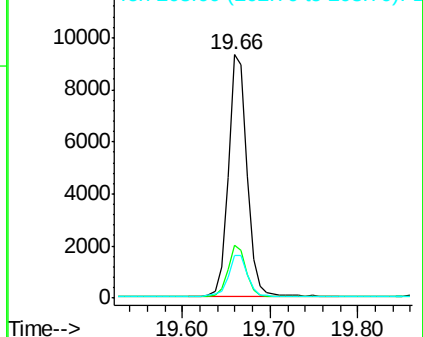
203 17.8 13.7 20.5

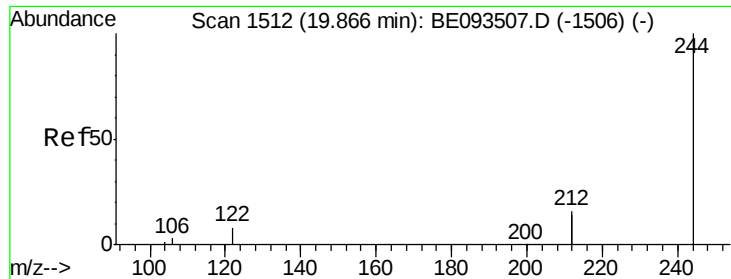


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.347 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

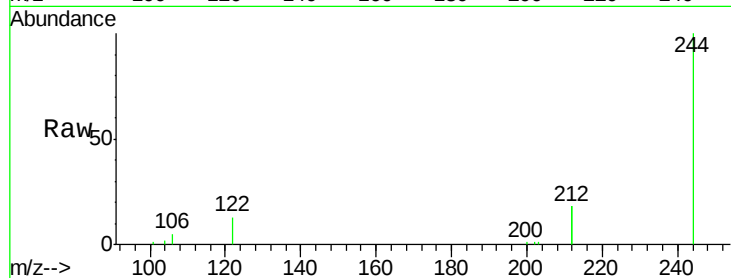
Tgt Ion:244 Resp: 9980

Ion Ratio Lower Upper

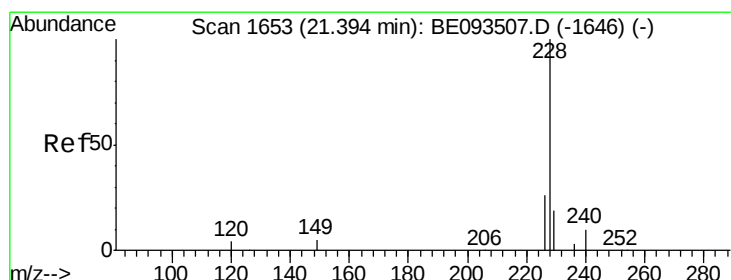
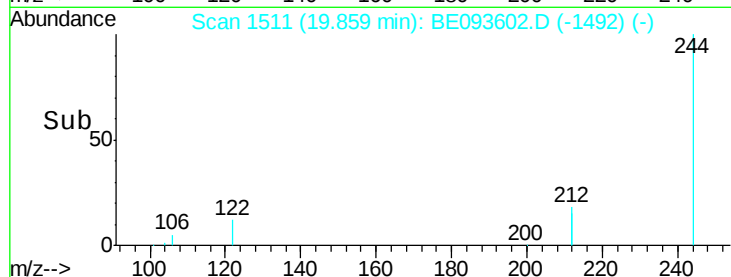
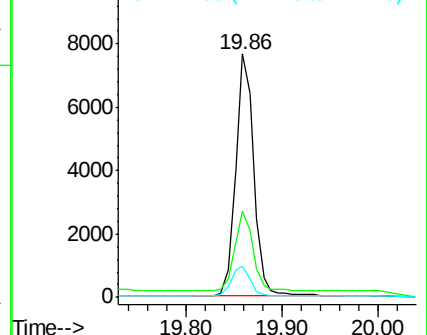
244 100

212 35.5 10.6 16.0#

122 13.0 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: 0.285 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

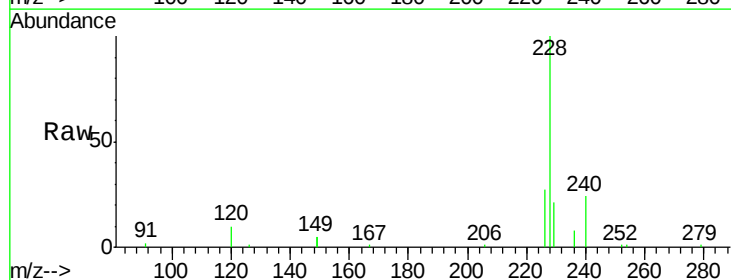
Tgt Ion:228 Resp: 14494

Ion Ratio Lower Upper

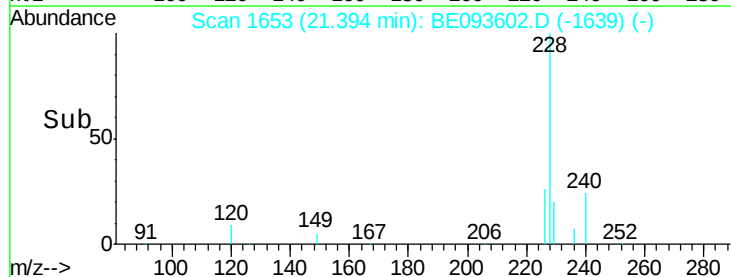
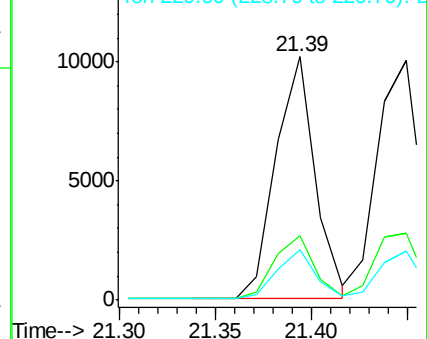
228 100

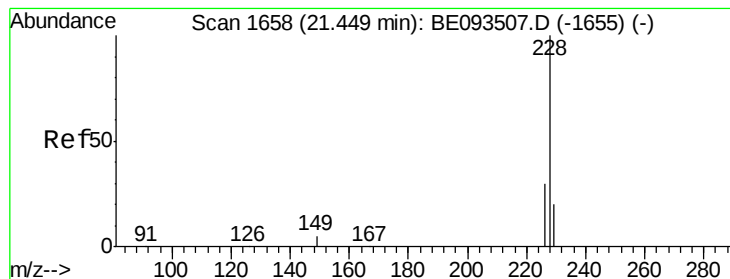
226 26.7 19.7 29.5

229 20.5 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: 0.315 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

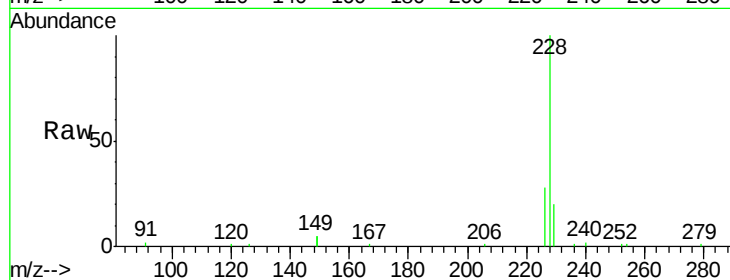
Tgt Ion:228 Resp: 15867

Ion Ratio Lower Upper

228 100

226 28.1 21.5 32.3

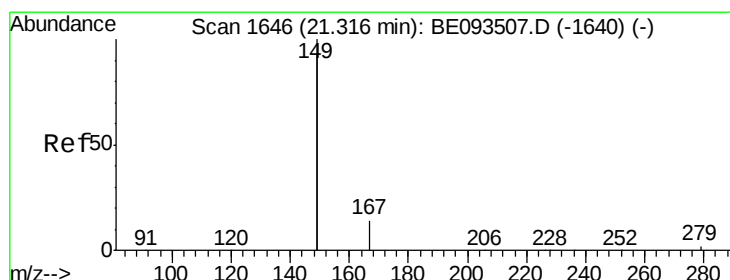
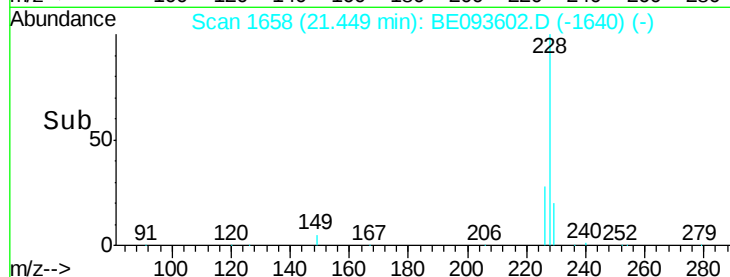
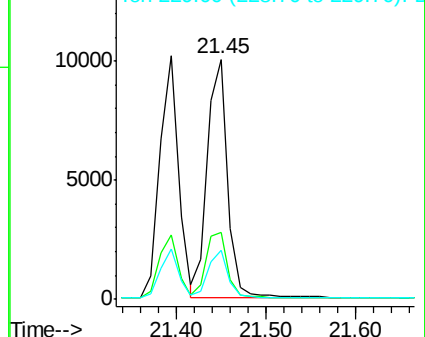
229 20.4 18.6 28.0



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: 0.217 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

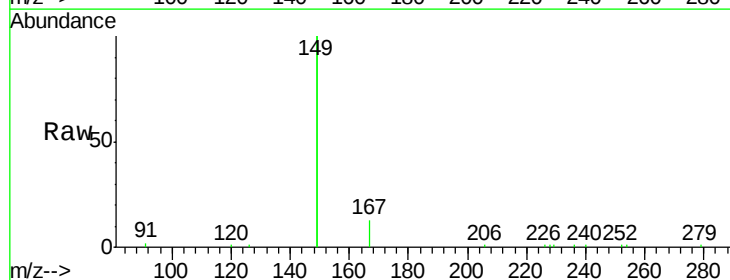
Tgt Ion:149 Resp: 22688

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

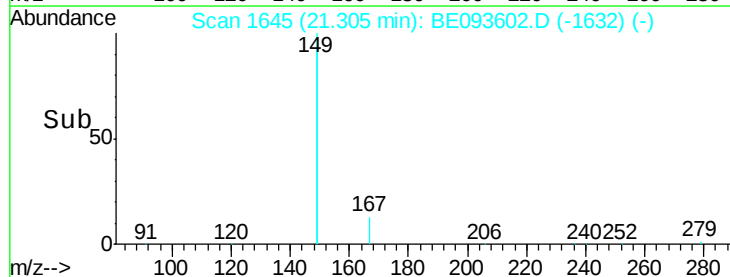
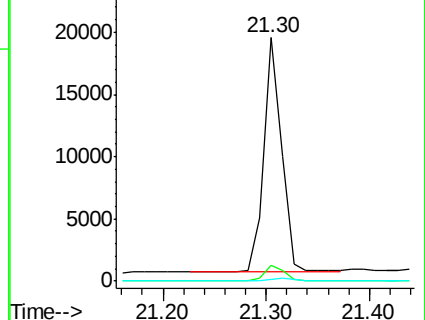
279 0.9 0.8 1.2

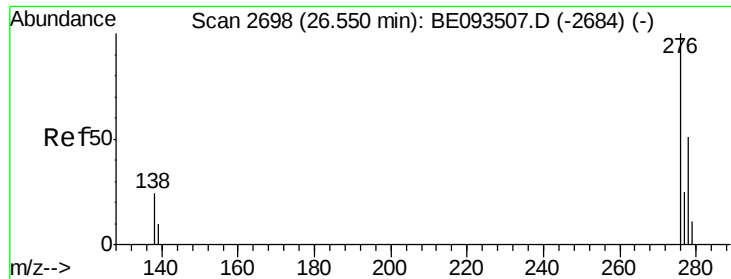


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.290 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE093602.D

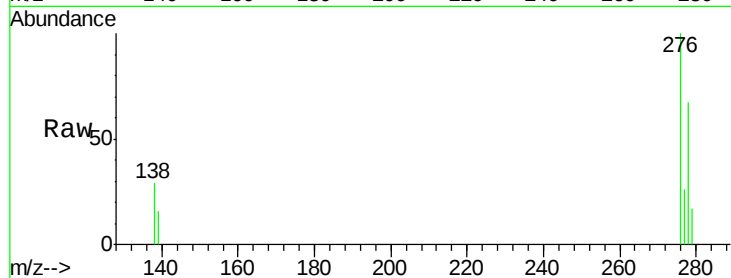
Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS



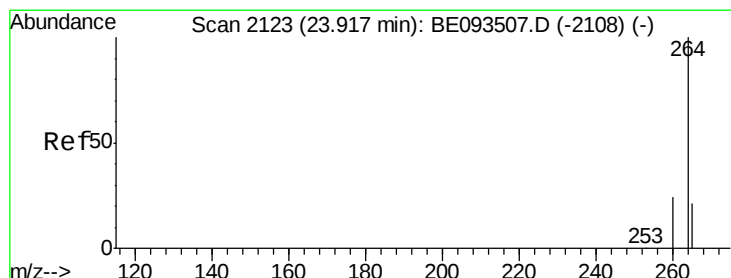
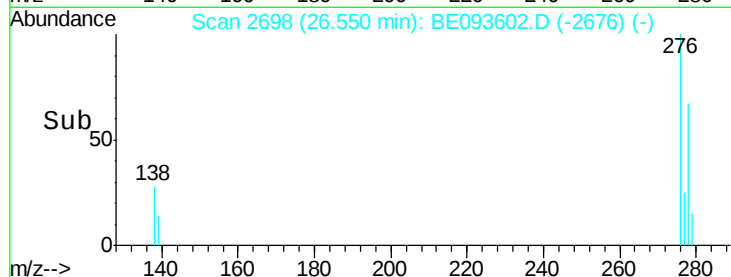
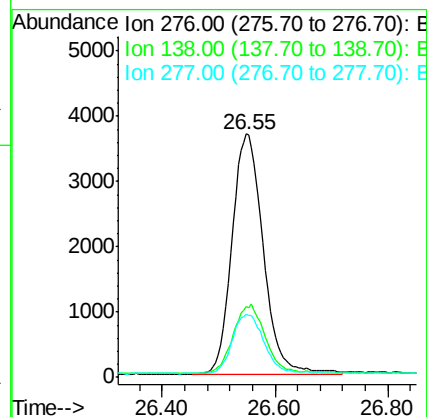
Tgt Ion:276 Resp: 13798

Ion Ratio Lower Upper

276 100

138 28.9 27.4 41.2

277 25.1 20.1 30.1



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

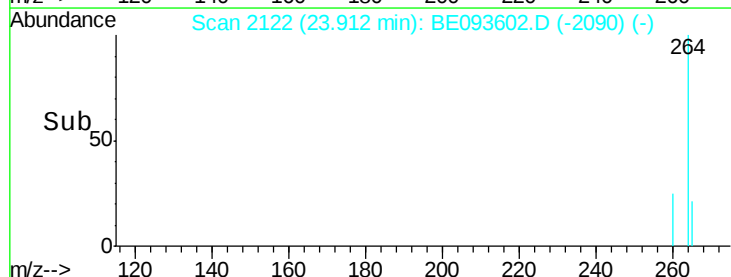
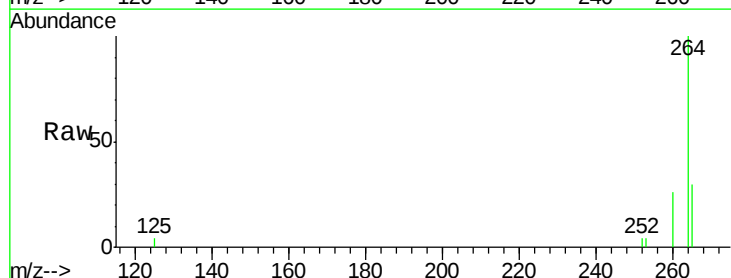
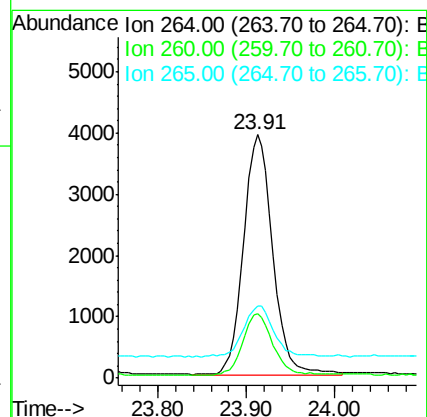
Tgt Ion:264 Resp: 8956

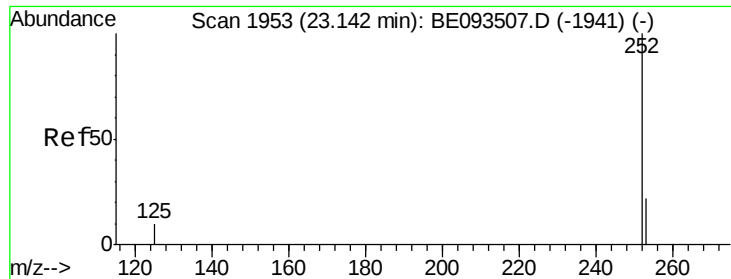
Ion Ratio Lower Upper

264 100

260 26.3 21.0 31.4

265 29.7 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.465 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

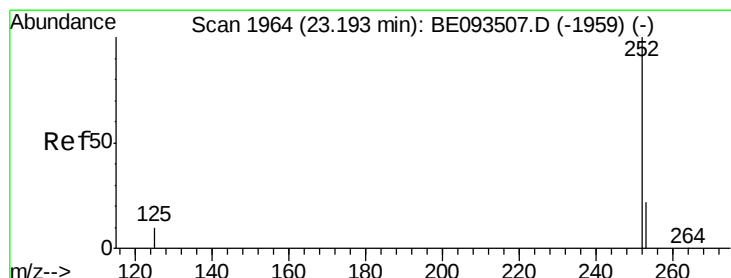
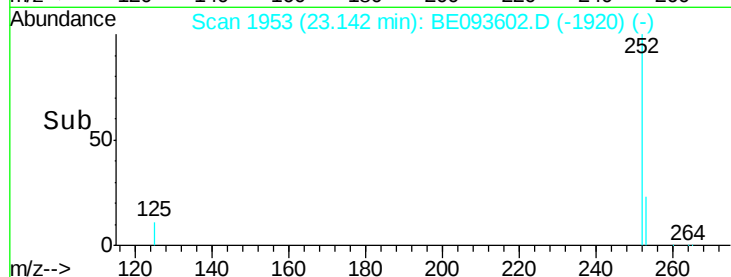
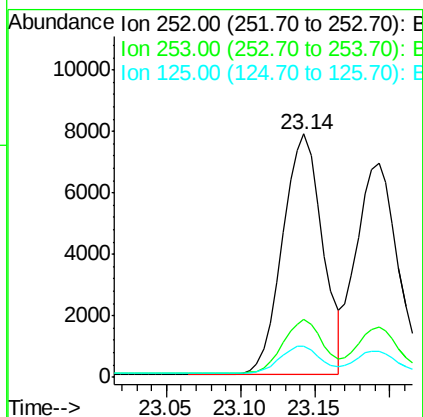
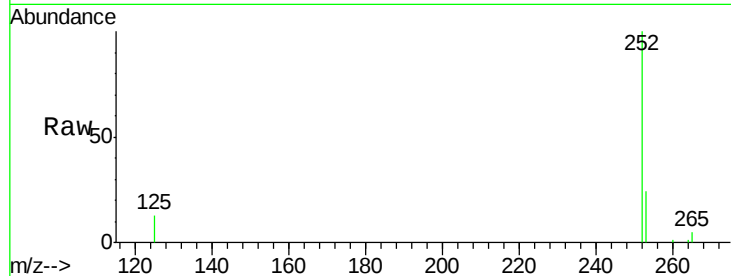
Tgt Ion:252 Resp: 14638

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

125 12.7 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 0.434 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

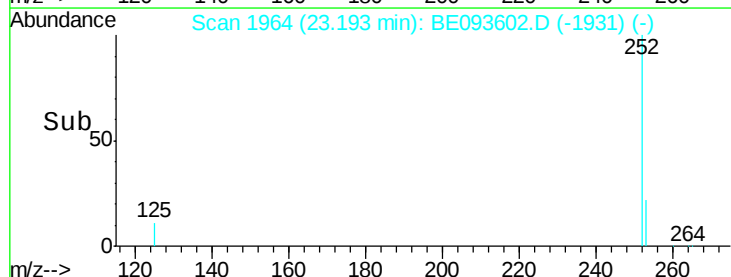
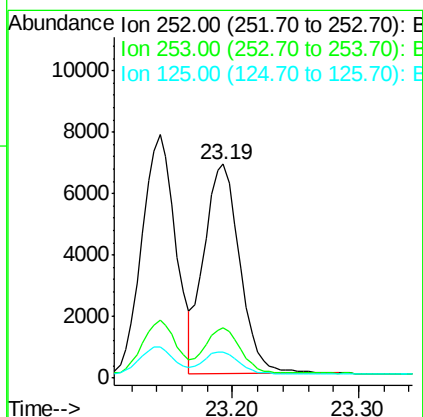
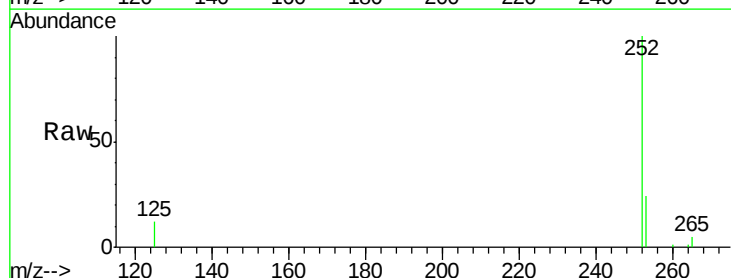
Tgt Ion:252 Resp: 13472

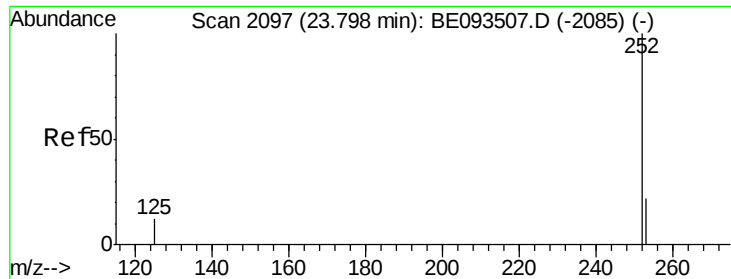
Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

125 12.4 12.2 18.4





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS

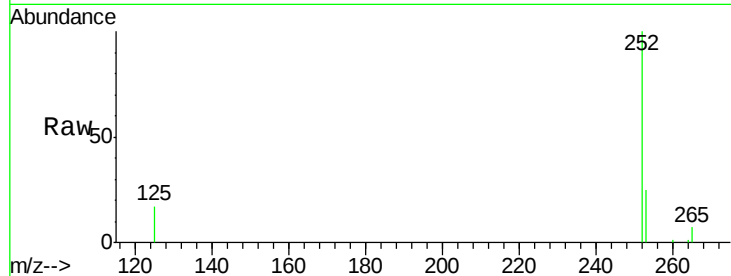
Tgt Ion:252 Resp: 10548

Ion Ratio Lower Upper

252 100

253 25.1 19.9 29.9

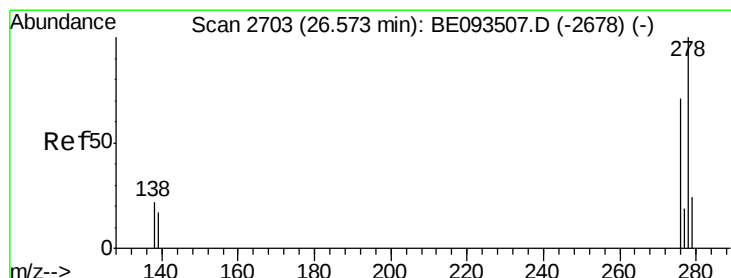
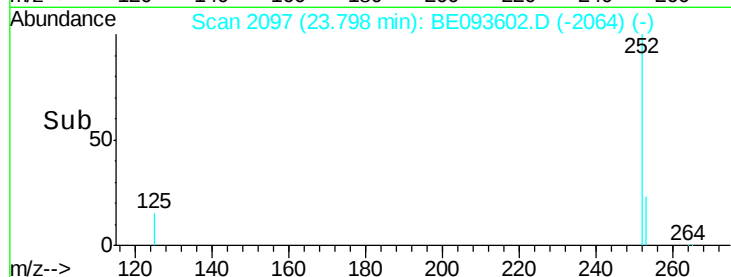
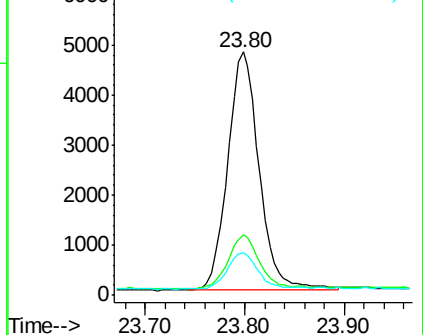
125 17.3 14.6 21.8



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: 0.473 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.01 min

Lab File: BE093602.D

Acq: 26 Jul 2017 13:34

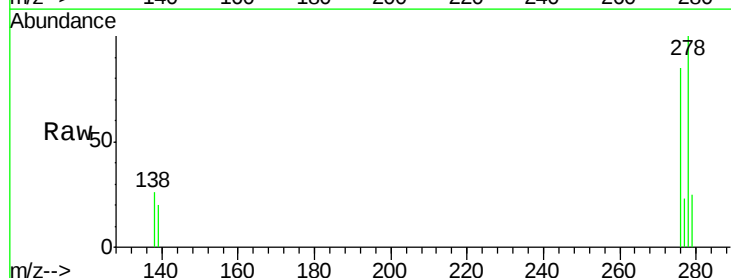
Tgt Ion:278 Resp: 13075

Ion Ratio Lower Upper

278 100

139 20.4 21.4 32.0#

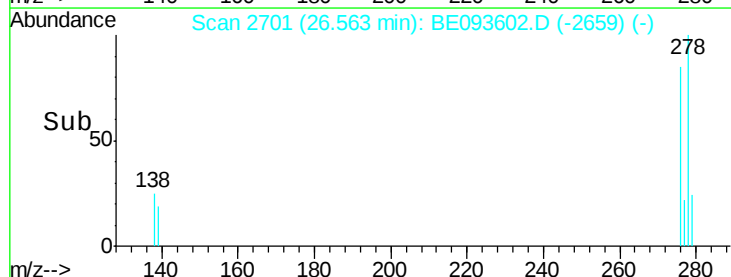
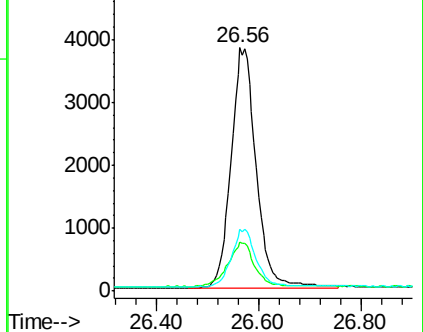
279 25.4 22.2 33.2

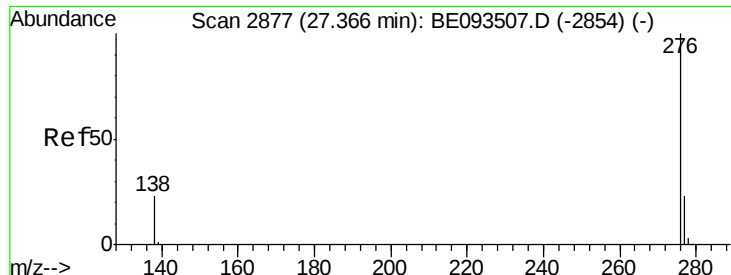


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.398 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BE093602.D

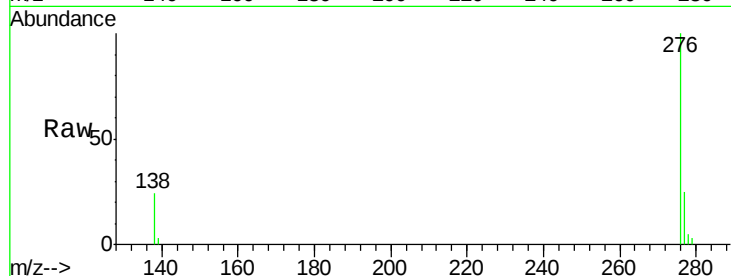
Acq: 26 Jul 2017 13:34

Instrument :

BNA_E

ClientSampleId :

PB100785BS



Tgt Ion: 276 Resp: 11042

Ion Ratio Lower Upper

276 100

277 25.2 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

