

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093959.D
 Acq On : 11 Sep 2017 12:48
 Operator : SJ/JU
 Sample : PB1021534BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102153BS

Quant Time: Sep 12 07:40:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2151	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9661	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	5642	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12698	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16379	0.40	ng	0.00
34) Perylene-d12	23.94	264	12443	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1442	0.21	ng	0.00
5) Phenol-d6	7.13	99	1799	0.17	ng	0.01
8) Nitrobenzene-d5	9.08	82	1652	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	3332	0.22	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	315	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	4324	0.19	ng	0.02
25) Fluoranthene-d10	19.28	212	37994	0.20	ng	0.00
29) Terphenyl-d14	19.87	244	6976	0.23	ng	0.00

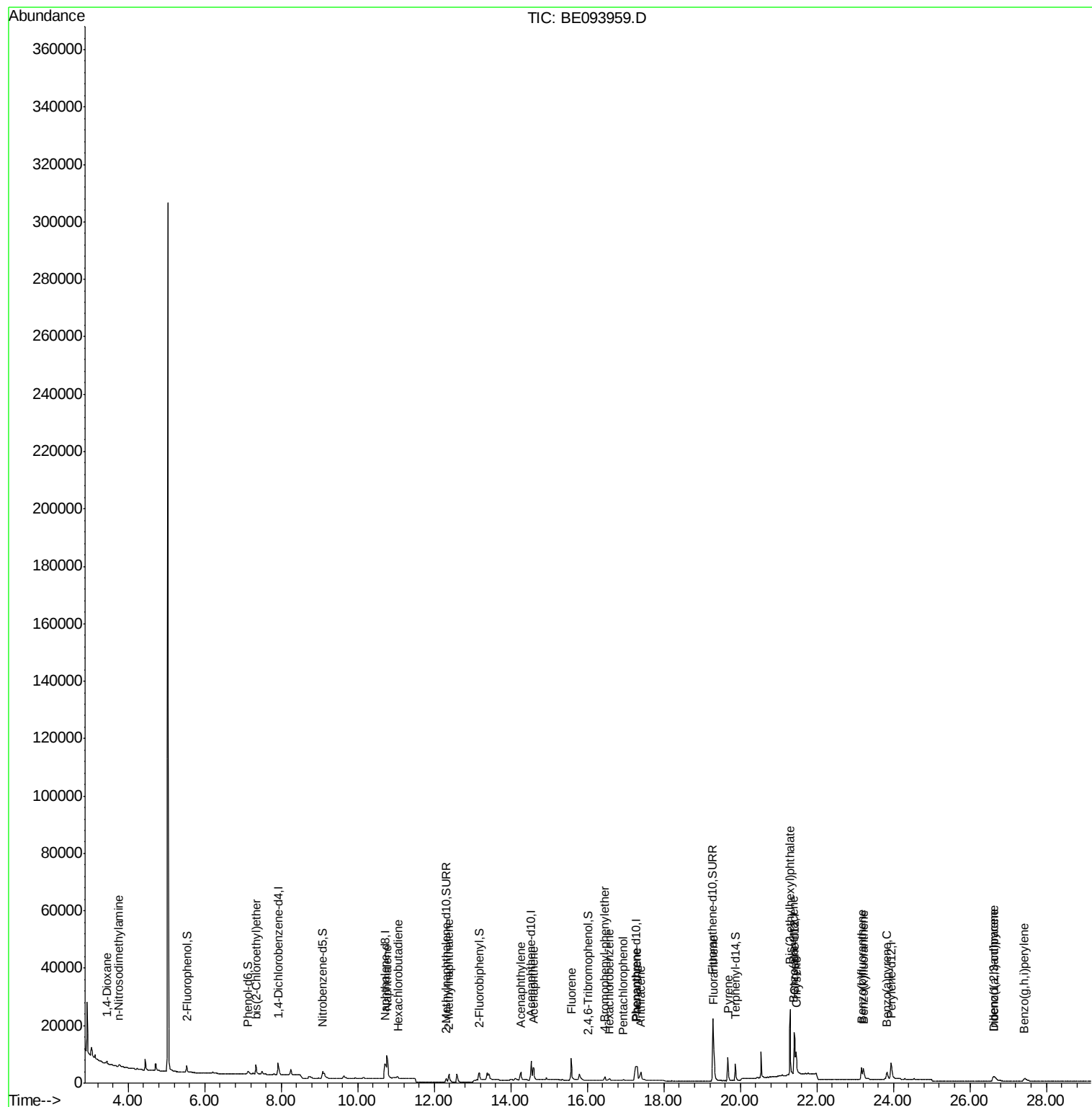
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	664	0.224	ng	# 7
3) n-Nitrosodimethylamine	3.75	42	736	0.212	ng	86
6) bis(2-Chloroethyl)ether	7.34	93	1552	0.182	ng	77
9) Naphthalene	10.76	128	19867	0.179	ng	99
10) Hexachlorobutadiene	11.04	225	730	0.181	ng	98
12) 2-Methylnaphthalene	12.38	142	3233	0.176	ng	97
16) Acenaphthylene	14.26	152	4453	0.158	ng	98
17) Acenaphthene	14.58	154	3242	0.170	ng	97
18) Fluorene	15.58	166	4285	0.175	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1289	0.119	ng	# 73
21) Hexachlorobenzene	16.58	284	1201	0.160	ng	# 100
22) Pentachlorophenol	16.94	266	409	0.203	ng	97
23) Phenanthrene	17.30	178	8611	0.107	ng	# 99
24) Anthracene	17.40	178	5423	0.140	ng	# 56
26) Fluoranthene	19.31	202	9164	0.162	ng	99
28) Pyrene	19.67	202	9459	0.168	ng	99
30) Benzo(a)anthracene	21.40	228	8337	0.166	ng	97
31) Chrysene	21.46	228	8765	0.165	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	29683	0.243	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	4621	0.130	ng	94
35) Benzo(b)fluoranthene	23.17	252	6245	0.158	ng	# 93
36) Benzo(k)fluoranthene	23.22	252	8836	0.182	ng	# 89
37) Benzo(a)pyrene	23.83	252	6712	0.166	ng	# 87
38) Dibenzo(a,h)anthracene	26.64	278	3672	0.137	ng	# 73
39) Benzo(g,h,i)perylene	27.43	276	4451	0.158	ng	# 88

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

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Quant Time: Sep 12 07:40:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

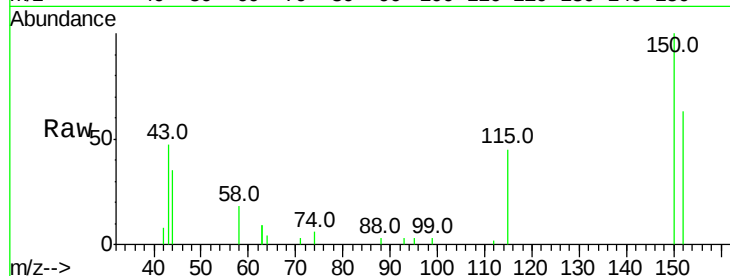
Tot Ion:152 Resp: 2151

Ion Ratio Lower Upper

152 100

150 158.7 121.8 182.6

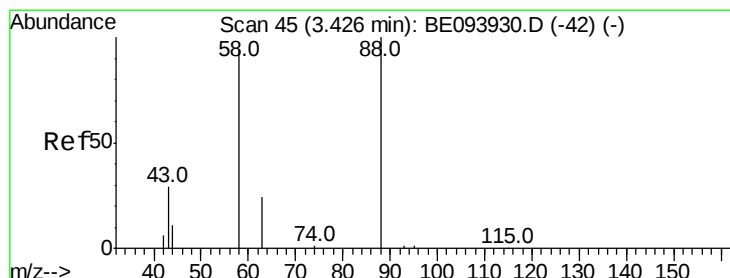
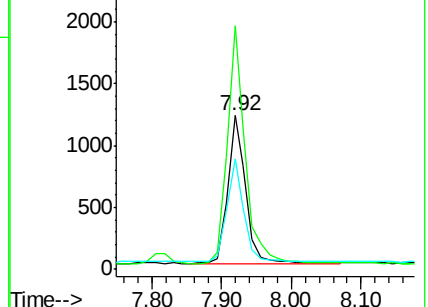
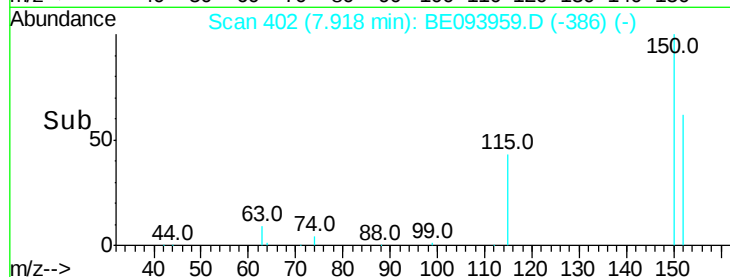
115 71.9 52.6 79.0



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: 0.224 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

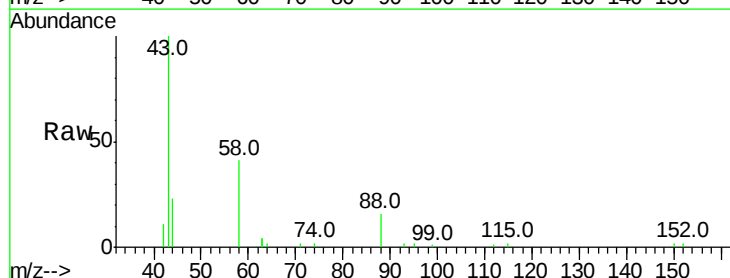
Tgt Ion: 88 Resp: 664

Ion Ratio Lower Upper

88 100

58 177.6 65.4 98.0#

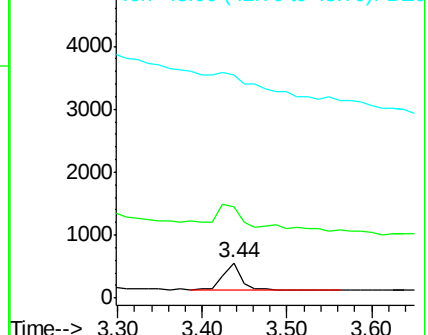
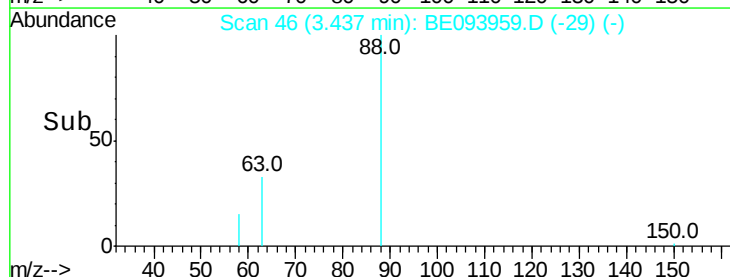
43 0.0 23.9 35.9#



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: 0.212 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

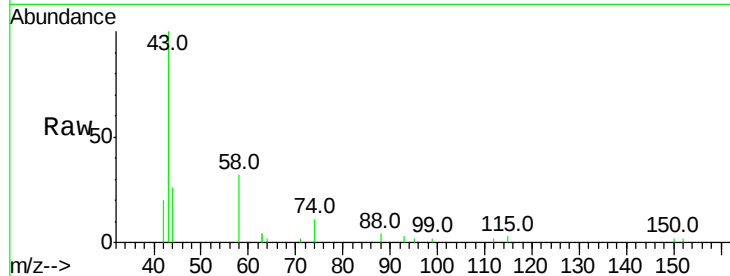
Tot Ion: 42 Resp: 736

Ion Ratio Lower Upper

42 100

74 111.8 104.0 156.0

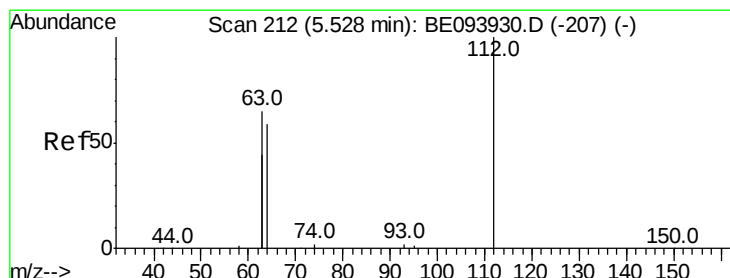
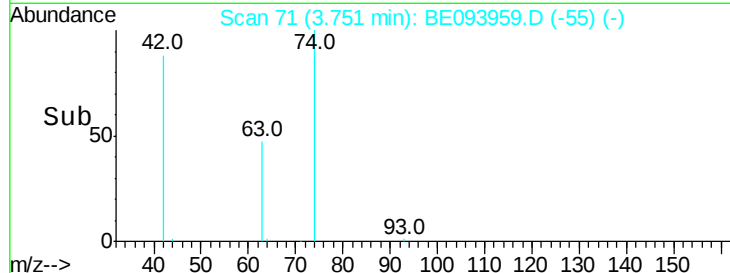
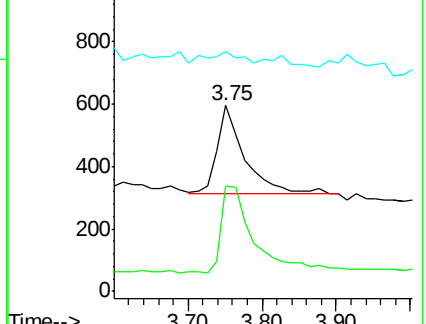
44 17.1 13.8 20.8



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: 0.207 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

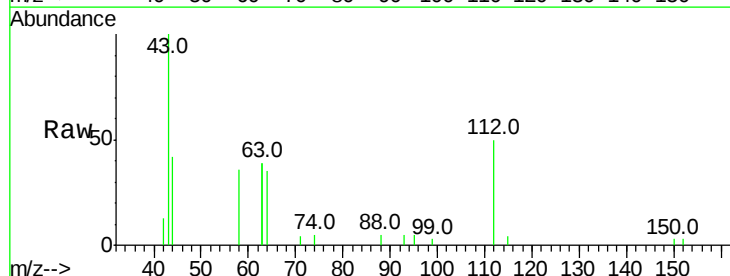
Tgt Ion: 112 Resp: 1442

Ion Ratio Lower Upper

112 100

64 70.2 57.7 86.5

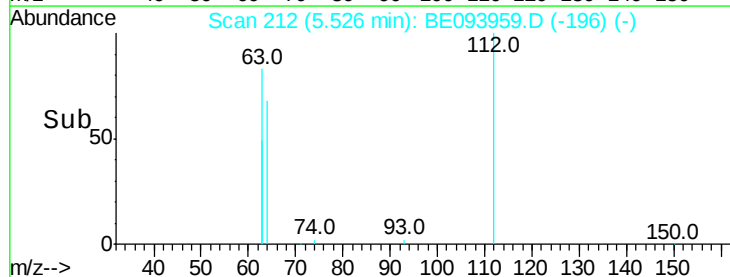
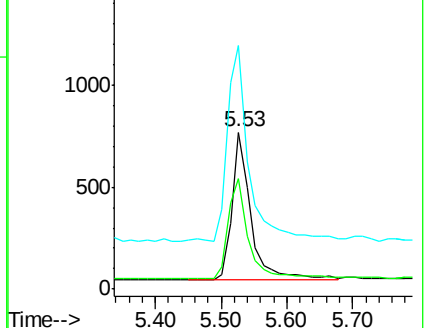
63 154.5 116.0 174.0

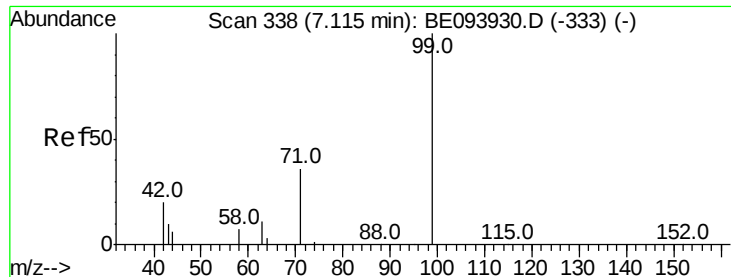


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.172 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

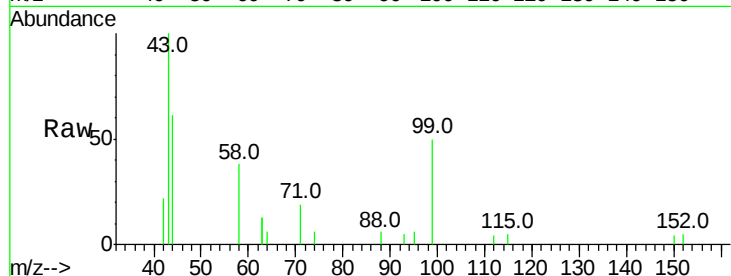
Tot Ion: 99 Resp: 1799

Ion Ratio Lower Upper

99 100

42 19.3 17.1 25.7

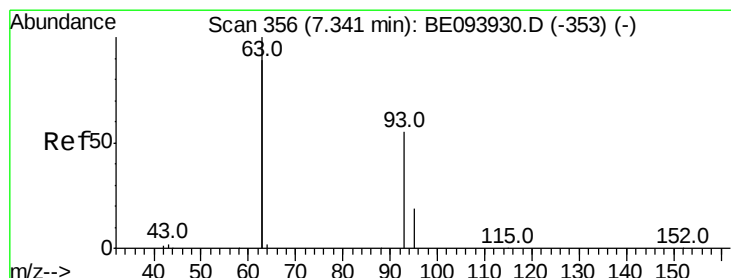
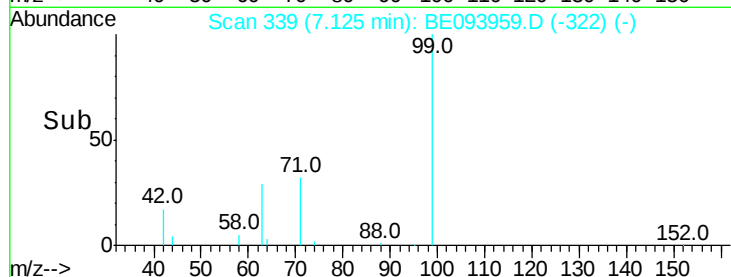
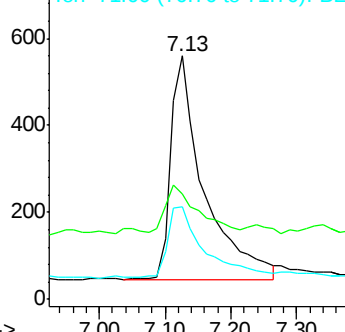
71 34.2 26.6 39.8



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: 0.182 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

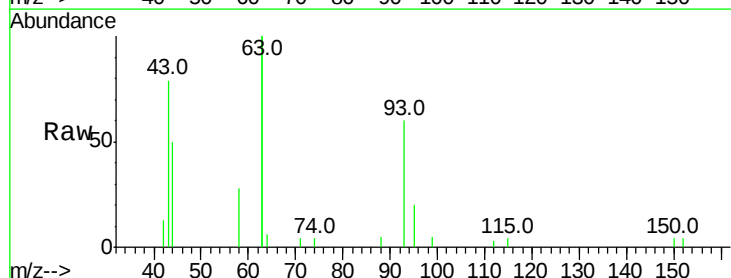
Tgt Ion: 93 Resp: 1552

Ion Ratio Lower Upper

93 100

63 301.2 283.4 425.2

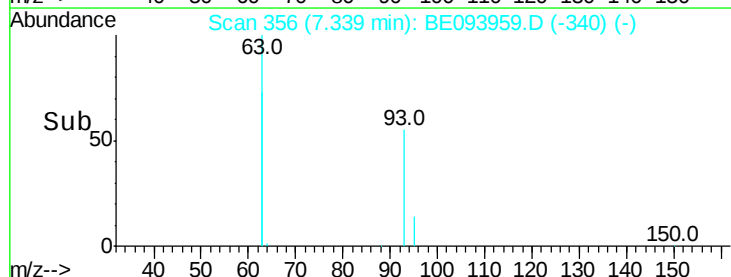
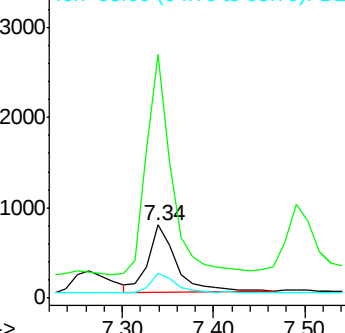
95 28.7 26.9 40.3

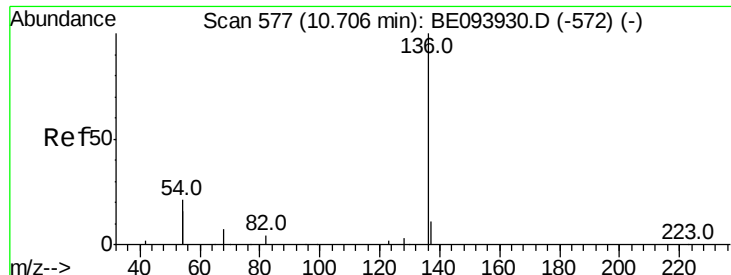


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

Tot Ion:136 Resp: 9661

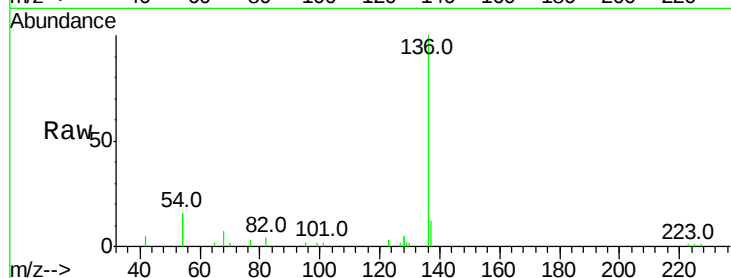
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 31.9 21.9 32.9

68 6.7 4.6 7.0

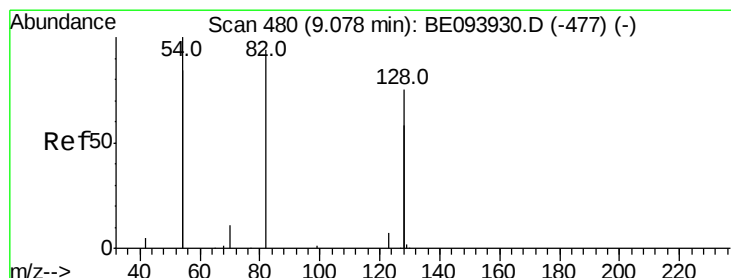
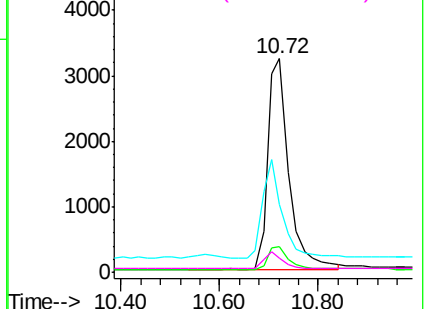
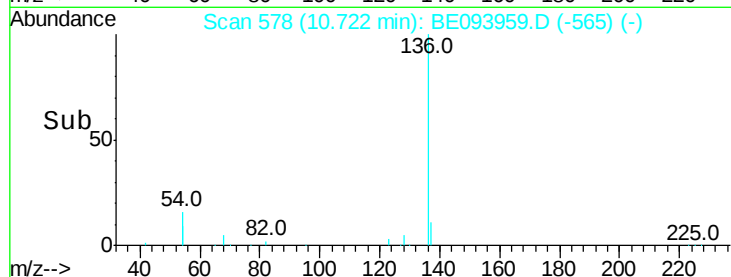


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.202 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

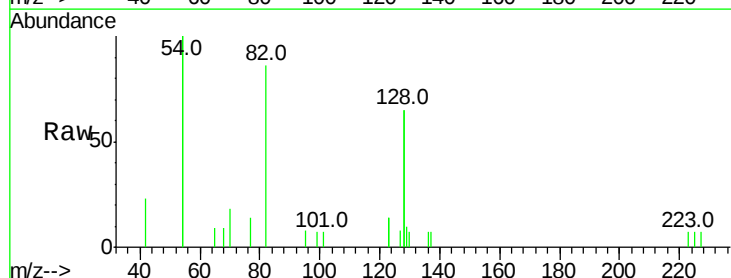
Tgt Ion: 82 Resp: 1652

Ion Ratio Lower Upper

82 100

128 151.9 91.4 137.0#

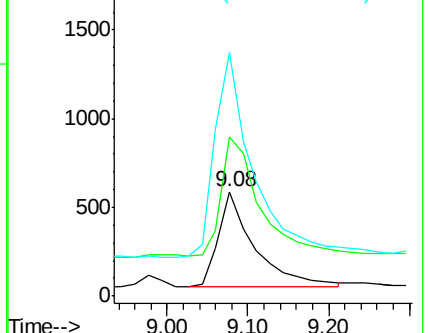
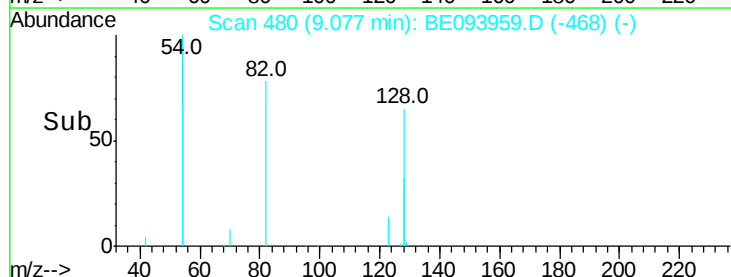
54 232.5 197.8 296.8



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: 0.179 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

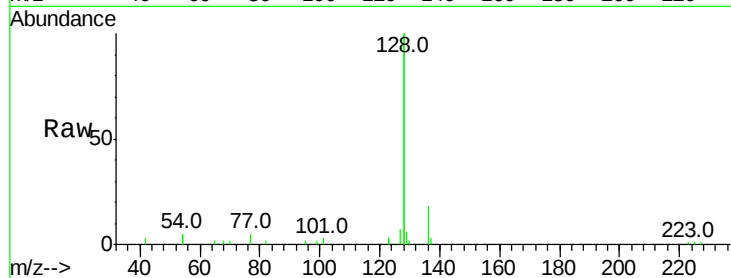
Tot Ion:128 Resp: 19867

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

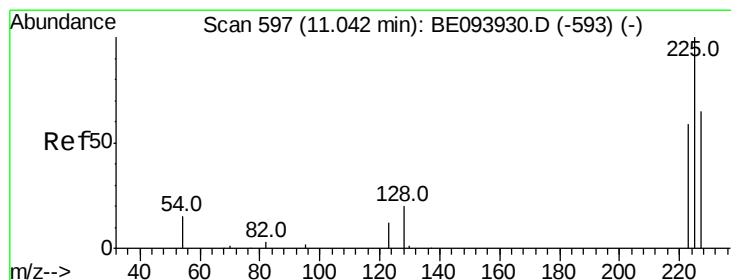
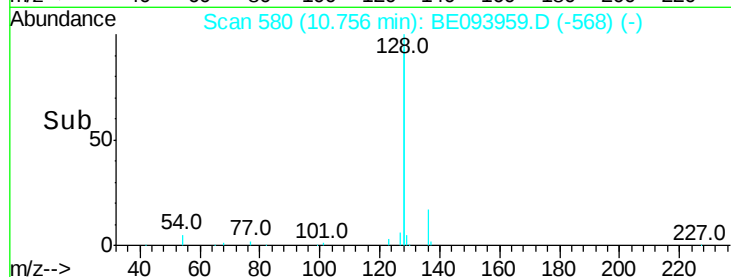
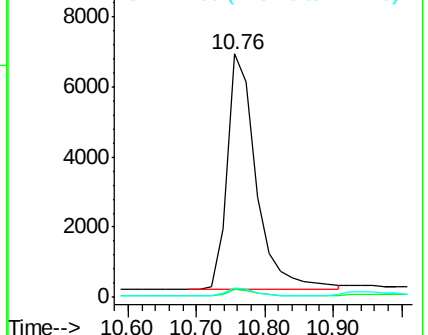
127 3.7 2.6 4.0



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: 0.181 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

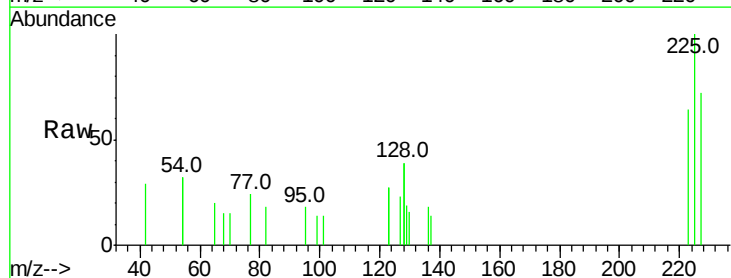
Tgt Ion:225 Resp: 730

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

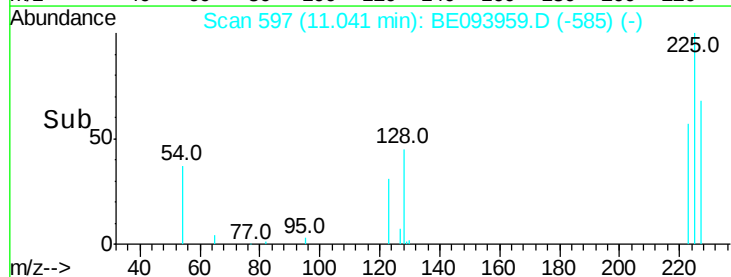
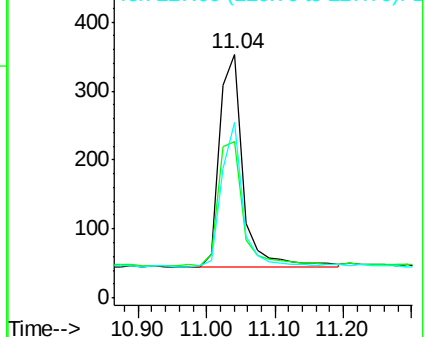
227 61.4 50.5 75.7



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: 0.216 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

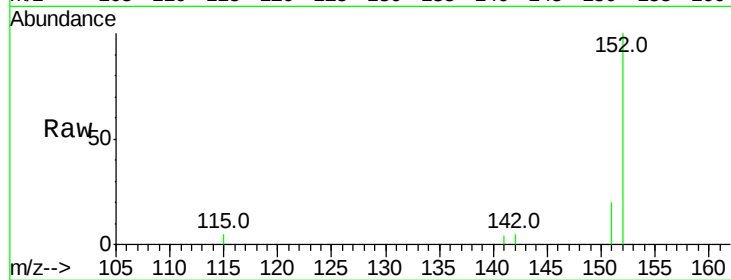
PB102153BS

Tot Ion:152 Resp: 3332

Ion Ratio Lower Upper

152 100

151 18.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

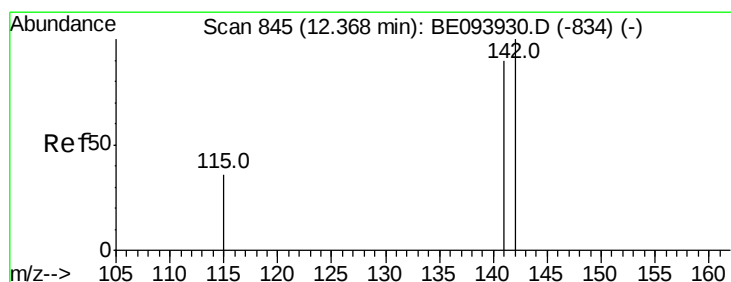
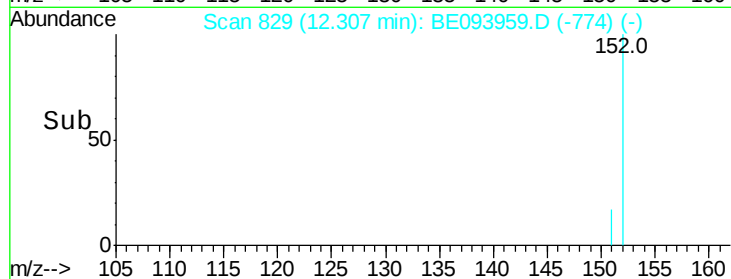
1500

1000

500

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.176 ng

RT: 12.38 min Scan# 848

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

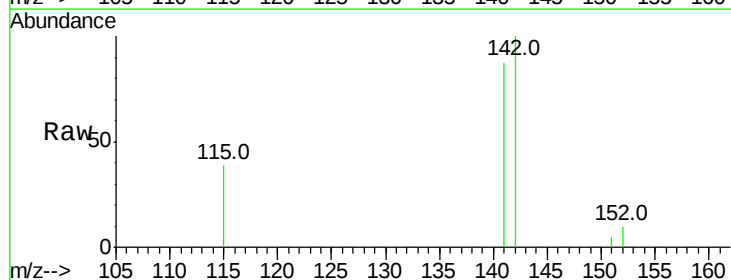
Tgt Ion:142 Resp: 3233

Ion Ratio Lower Upper

142 100

141 86.9 71.4 107.2

115 38.9 29.4 44.0



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

12.38

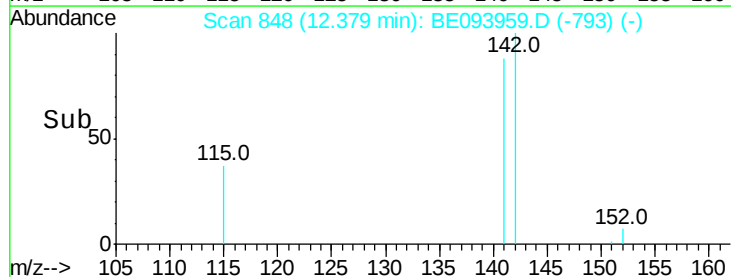
1500

1000

500

0

Time--> 12.30 12.40 12.50 12.60





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

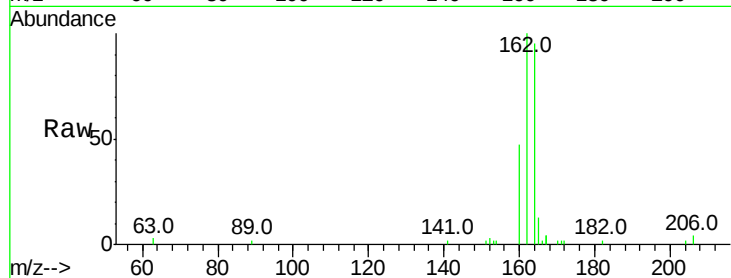
Tot Ion:164 Resp: 5642

Ion Ratio Lower Upper

164 100

162 104.9 80.8 121.2

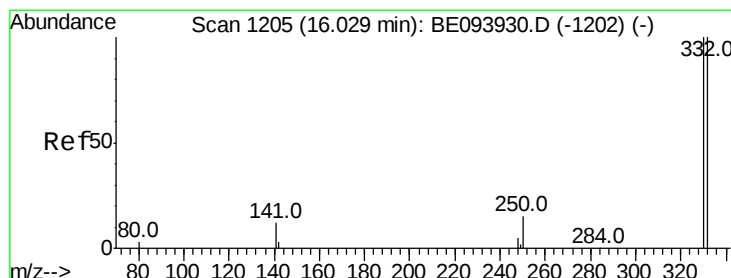
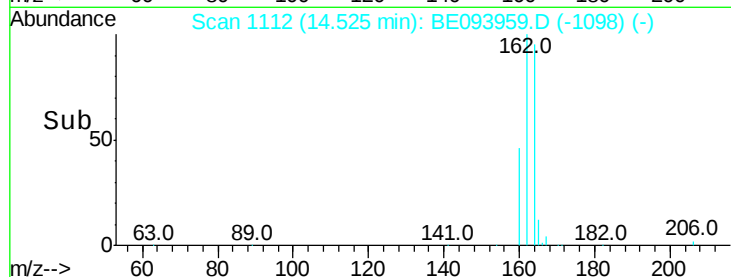
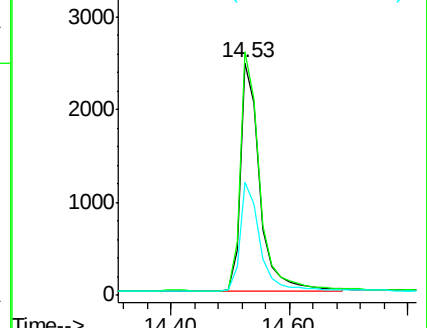
160 48.8 37.0 55.4



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: 0.180 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

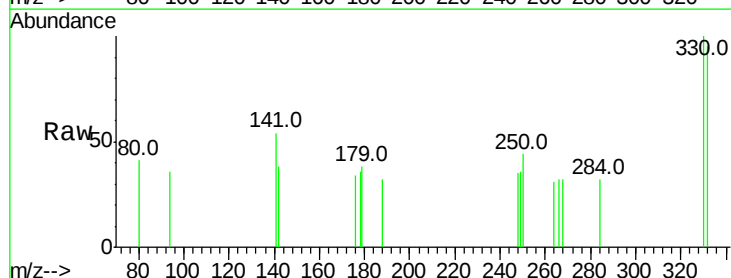
Tgt Ion:330 Resp: 315

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

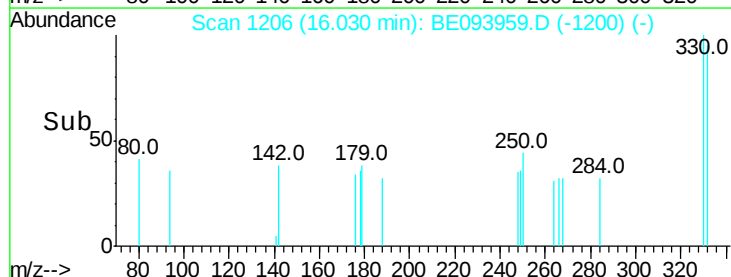
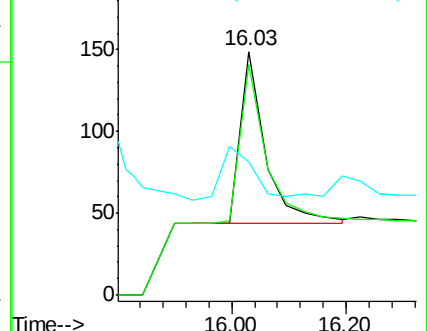
141 0.0 0.0 0.0



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

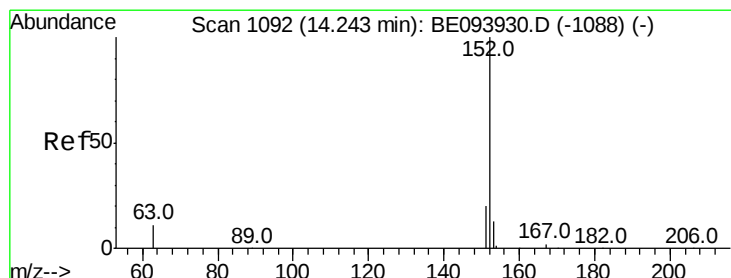
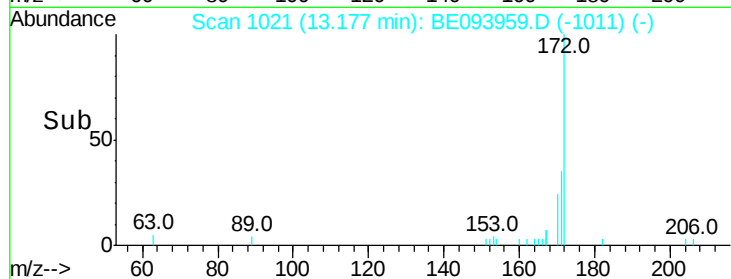
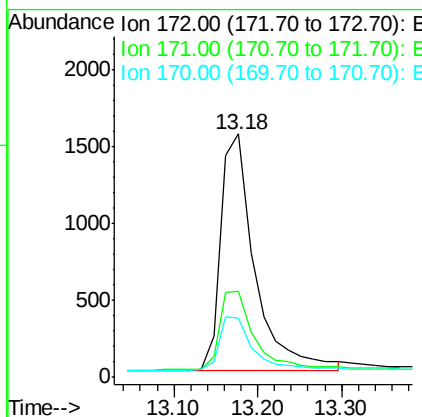
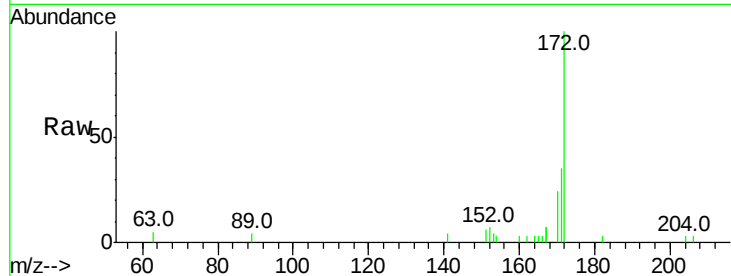




#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

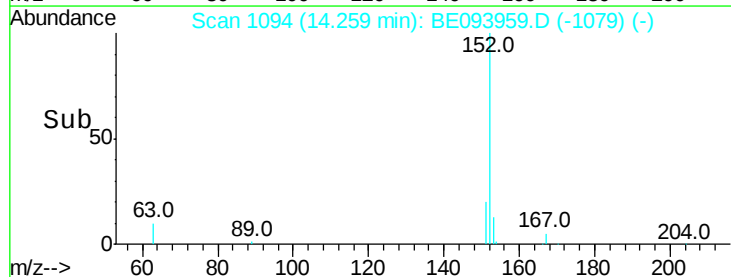
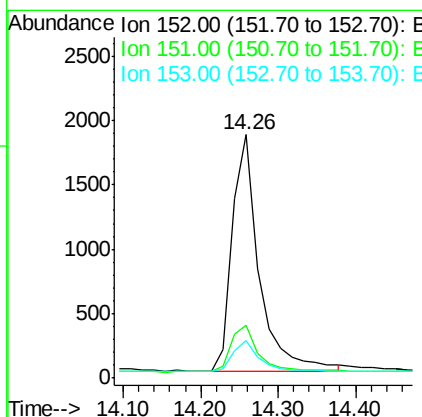
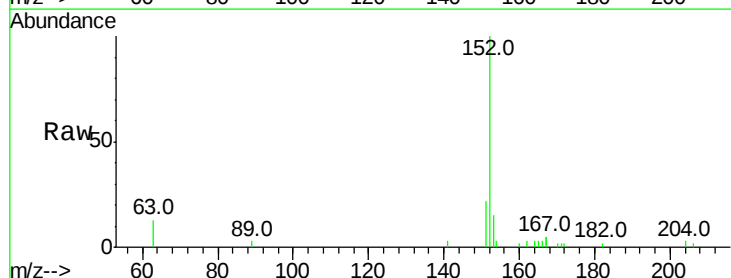
Instrument :
BNA_E
ClientSampleId :
PB102153BS

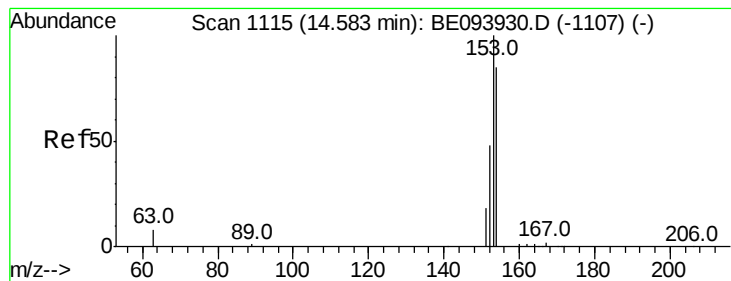
Tot Ion:172 Resp: 4324
Ion Ratio Lower Upper
172 100
171 35.4 26.9 40.3
170 24.4 17.3 25.9



#16
Acenaphthylene
Concen: 0.158 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093959.D
Acq: 11 Sep 2017 12:48

Tgt Ion:152 Resp: 4453
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.170 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

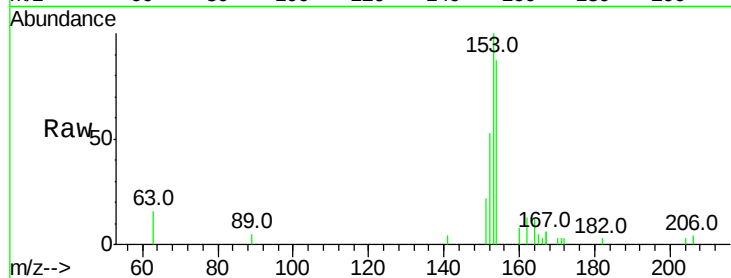
Tot Ion:154 Resp: 3242

Ion Ratio Lower Upper

154 100

153 111.2 91.8 137.6

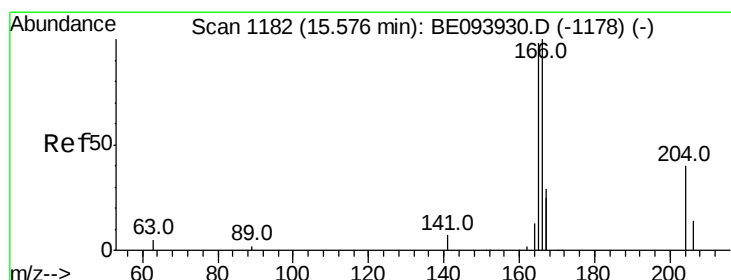
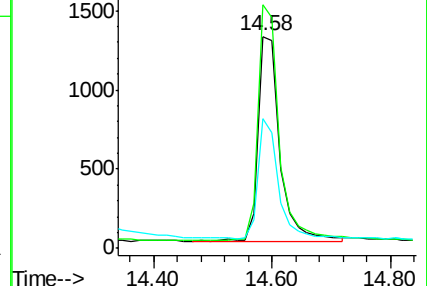
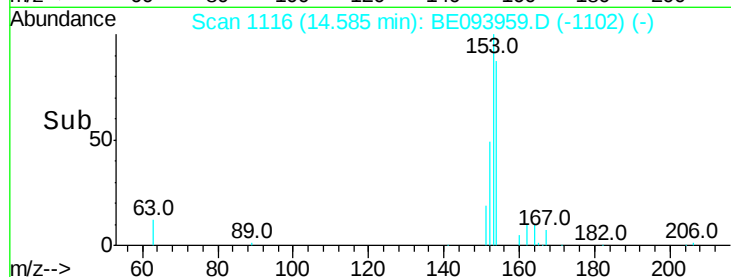
152 54.4 44.9 67.3



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: 0.175 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

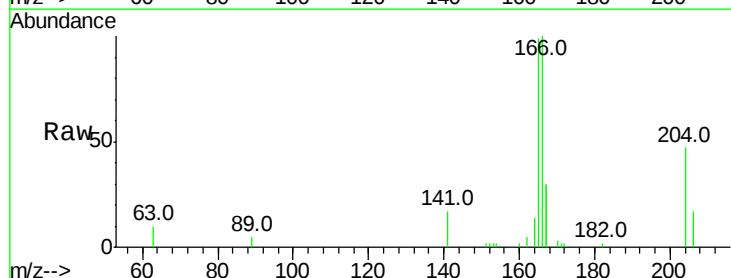
Tgt Ion:166 Resp: 4285

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

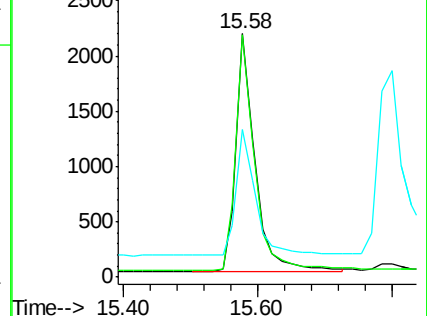
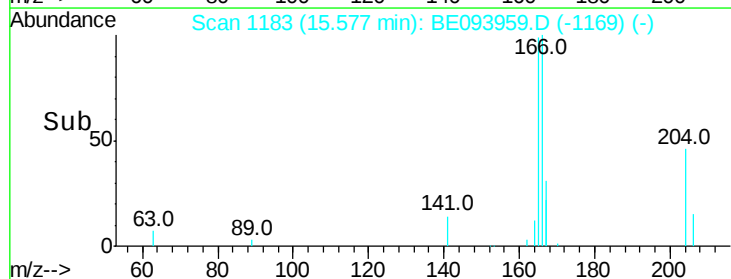
167 53.5 43.5 65.3

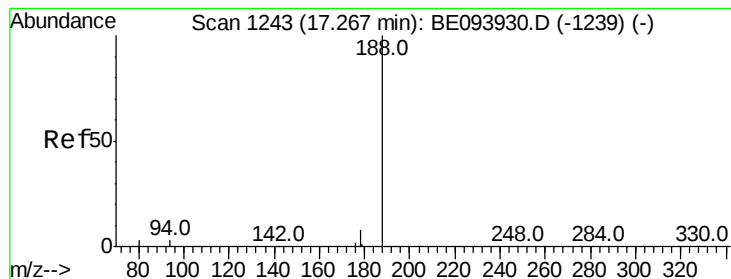


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

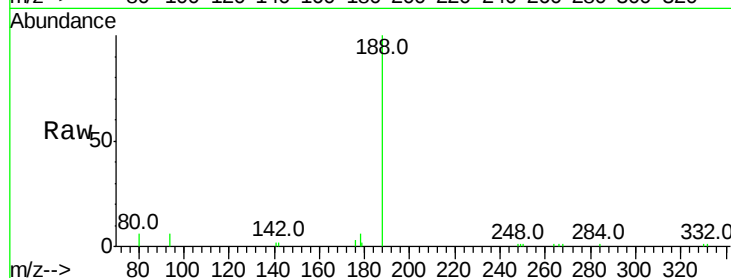
Tot Ion:188 Resp: 12698

Ion Ratio Lower Upper

188 100

94 5.6 16.1 24.1#

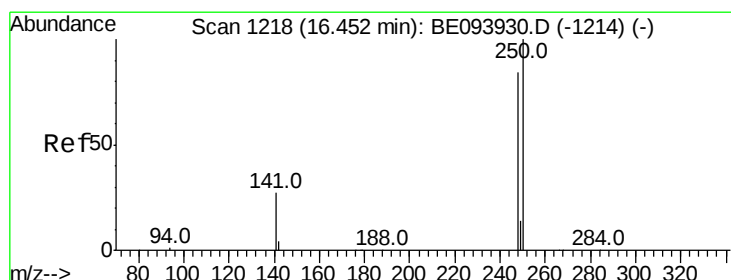
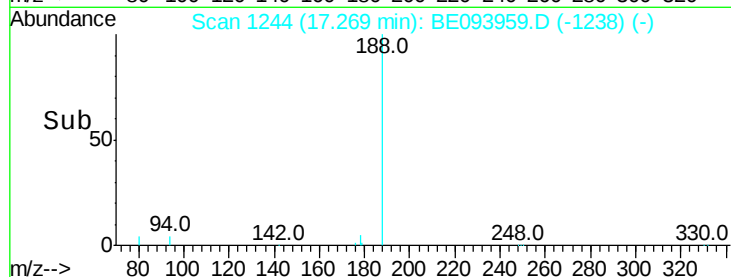
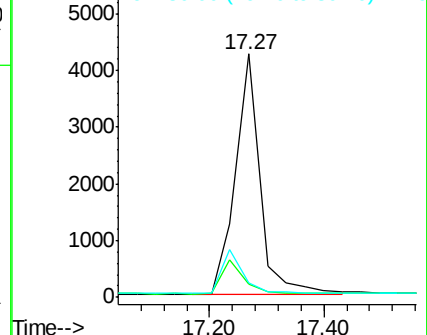
80 5.8 18.2 27.2#



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: 0.119 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

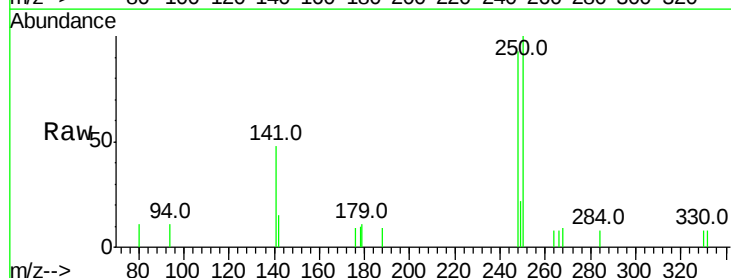
Tgt Ion:248 Resp: 1289

Ion Ratio Lower Upper

248 100

250 108.0 111.8 167.8#

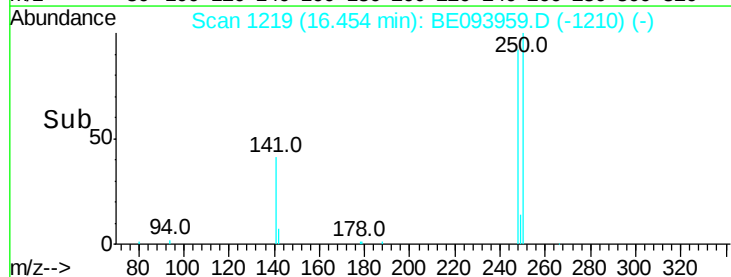
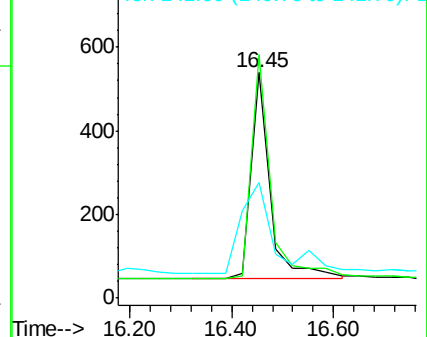
141 51.4 27.1 40.7#



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: 0.160 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

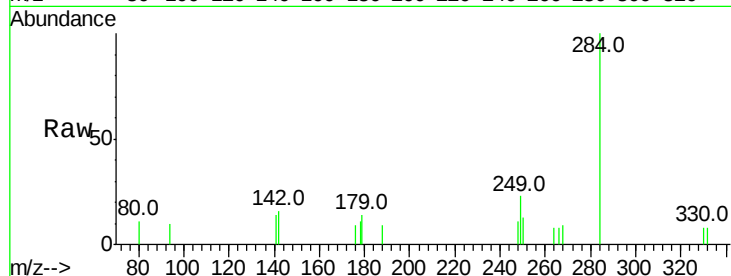
Tot Ion:284 Resp: 1201

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

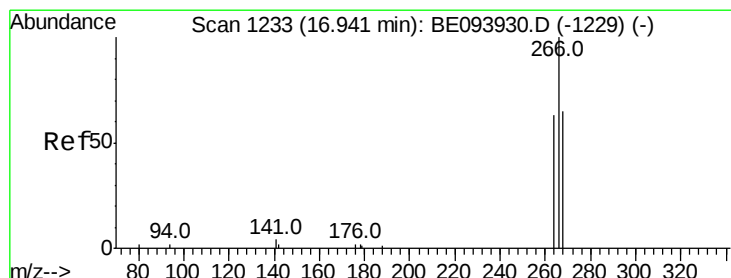
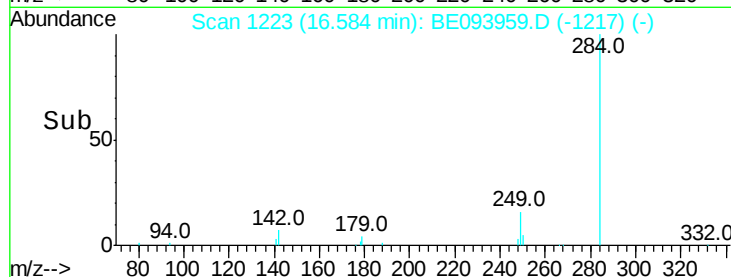
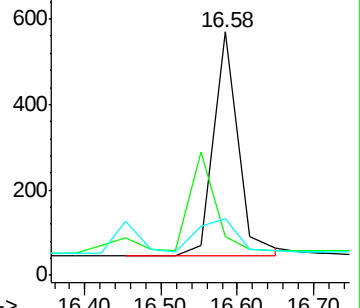
249 24.1 0.0 0.0#



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: 0.203 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

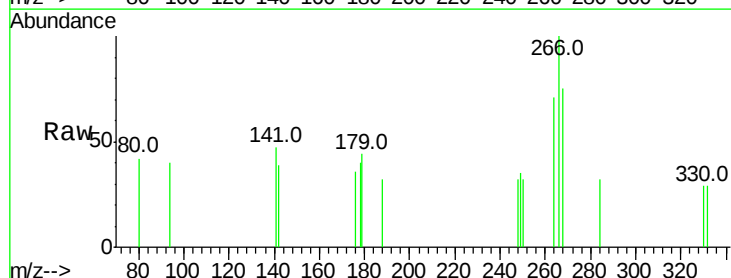
Tgt Ion:266 Resp: 409

Ion Ratio Lower Upper

266 100

264 71.4 53.5 80.3

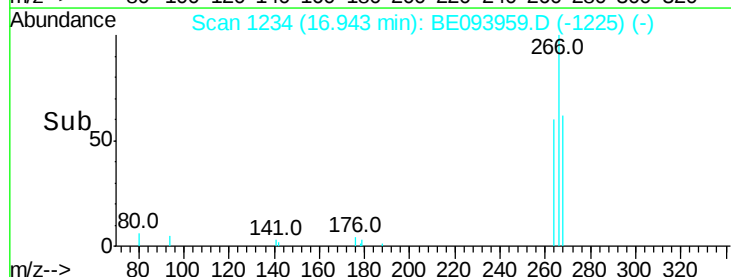
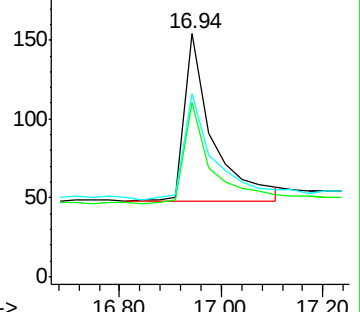
268 75.3 60.0 90.0

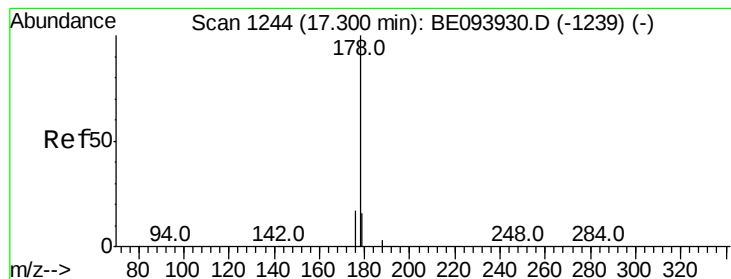


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.107 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

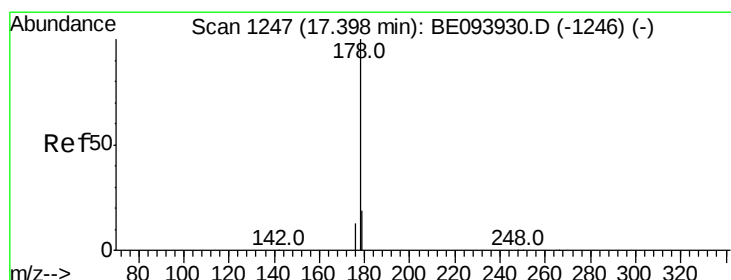
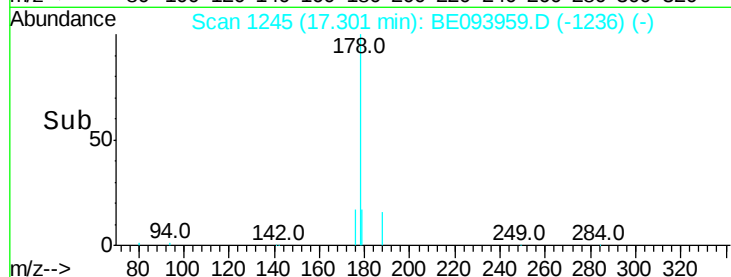
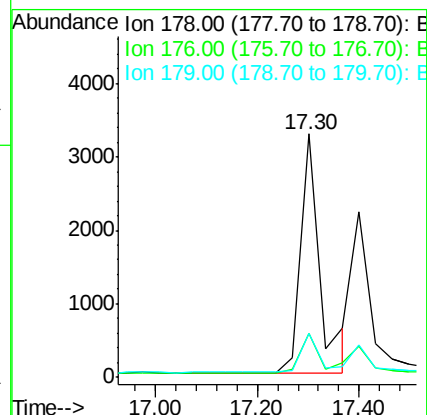
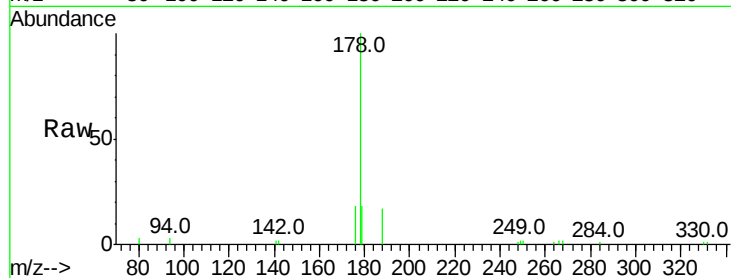
Tot Ion:178 Resp: 8611

Ion Ratio Lower Upper

178 100

176 18.5 0.0 0.0#

179 16.0 12.6 18.8



#24

Anthracene

Concen: 0.140 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

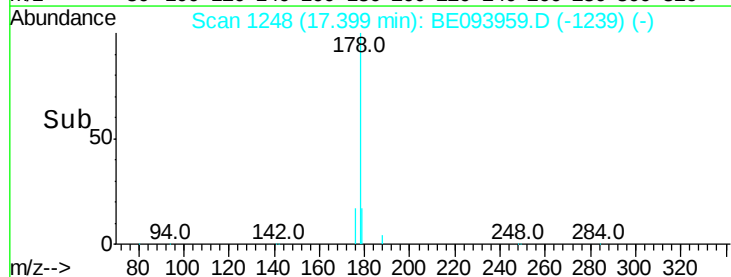
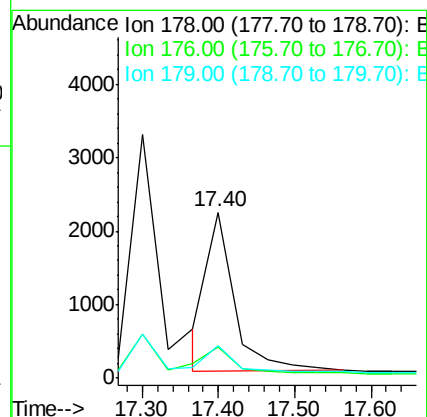
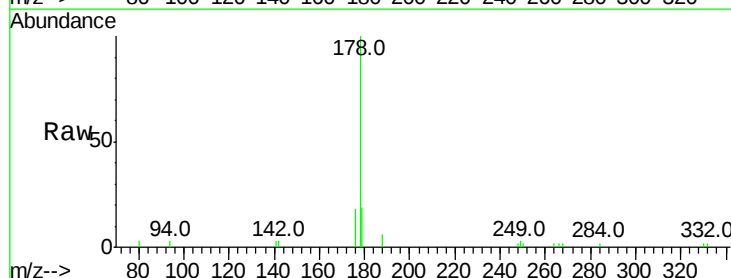
Tgt Ion:178 Resp: 5423

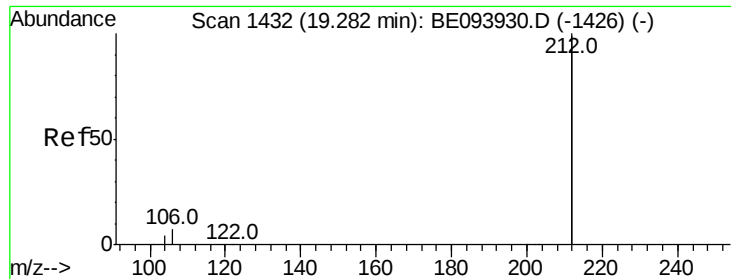
Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 17.1 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.201 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

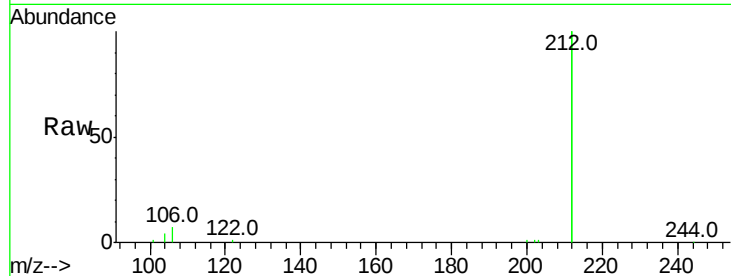
Tot Ion:212 Resp: 37994

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

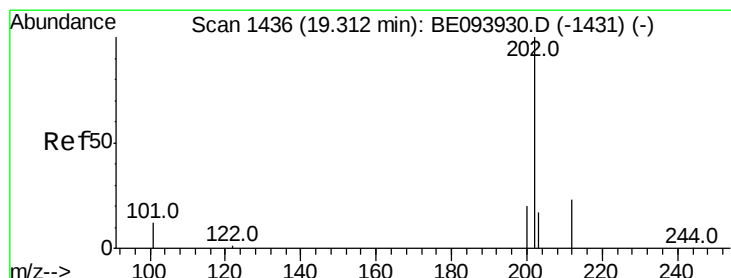
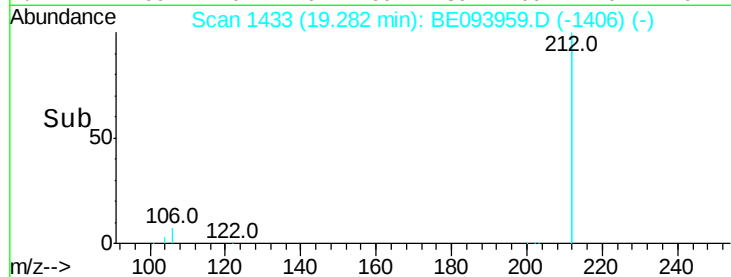
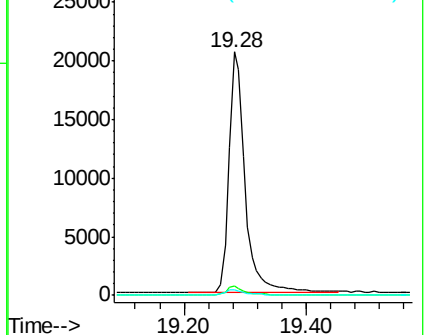
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.162 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

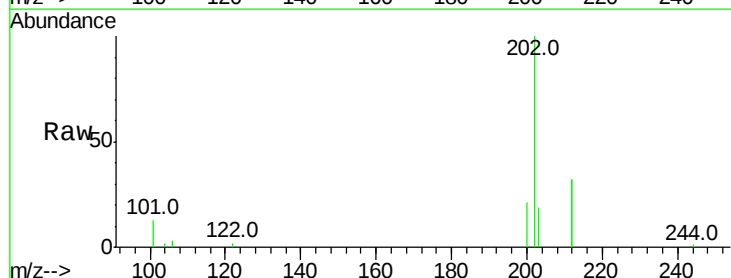
Tgt Ion:202 Resp: 9164

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

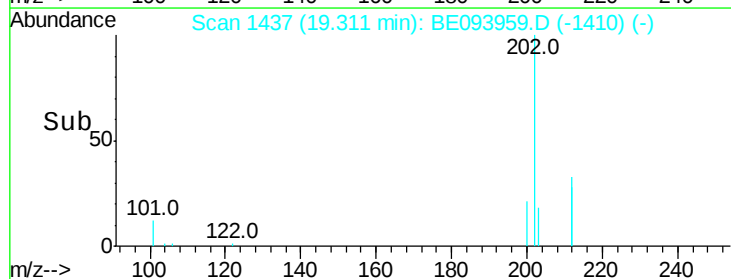
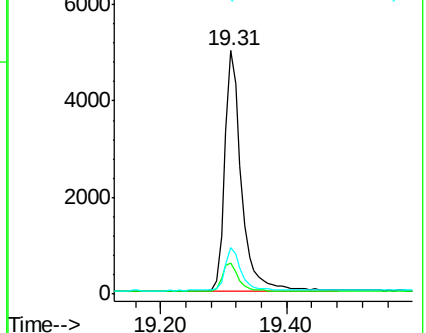
203 17.4 13.7 20.5



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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

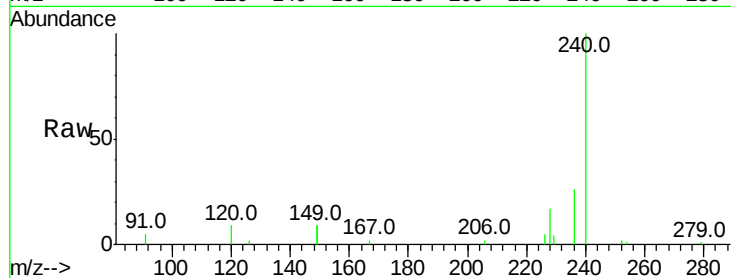
Tot Ion:240 Resp: 16379

Ion Ratio Lower Upper

240 100

120 9.1 8.7 13.1

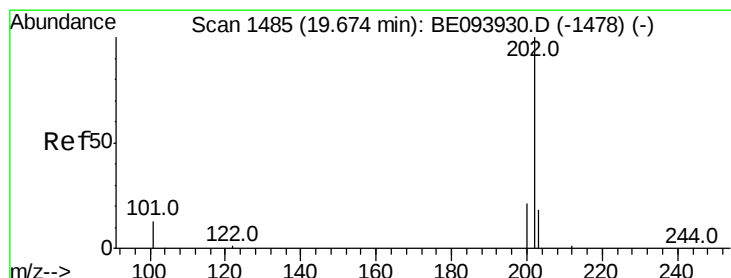
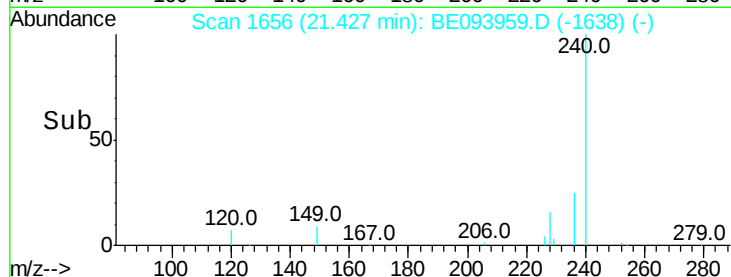
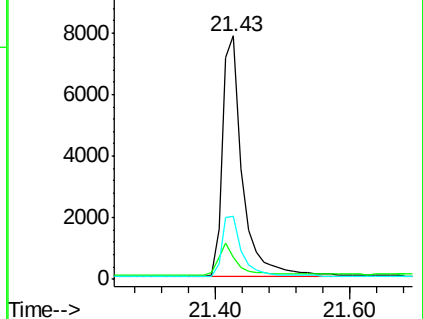
236 26.1 21.3 31.9



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: 0.168 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

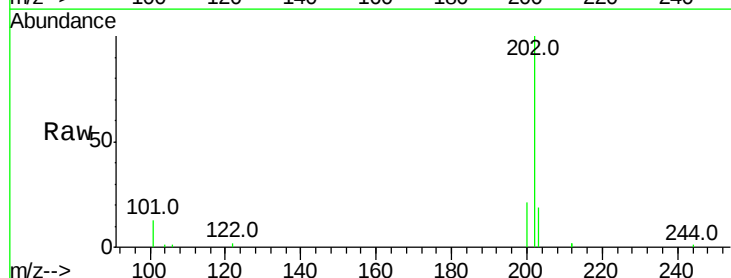
Tgt Ion:202 Resp: 9459

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

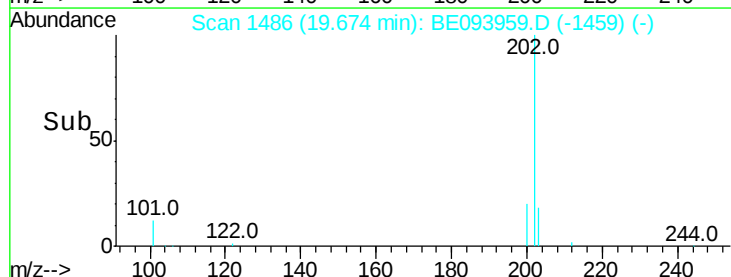
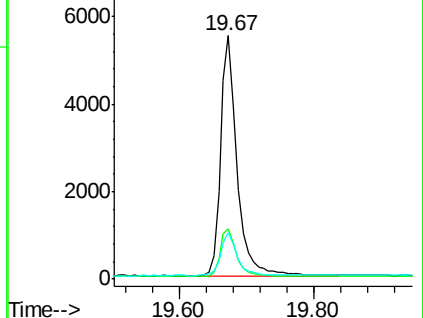
203 18.1 14.2 21.4

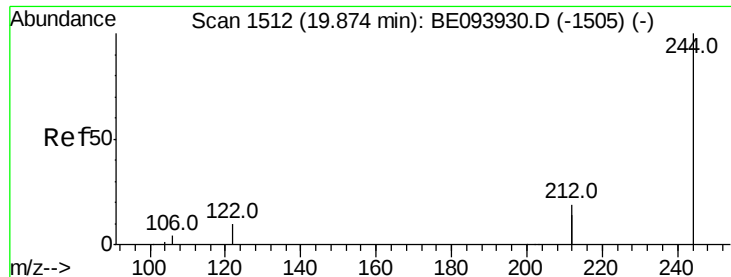


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.231 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

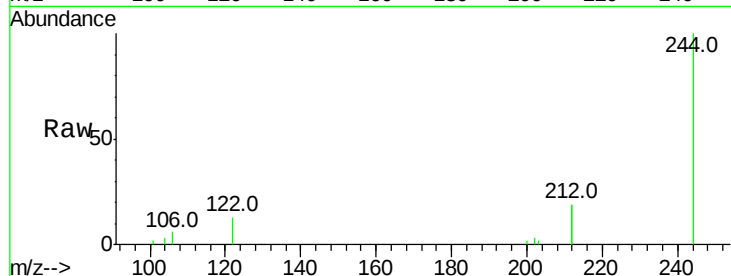
Tot Ion:244 Resp: 6976

Ion Ratio Lower Upper

244 100

212 37.3 28.3 42.5

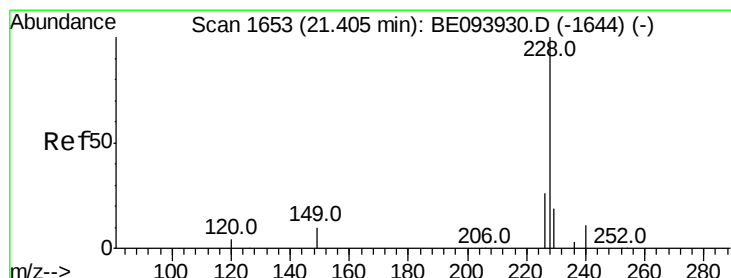
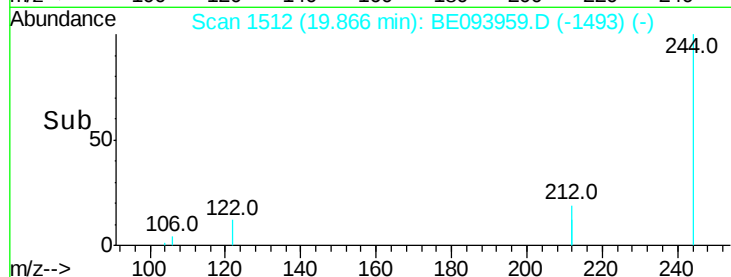
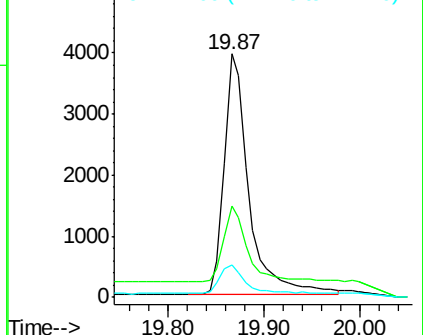
122 13.3 9.4 14.0



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: 0.166 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

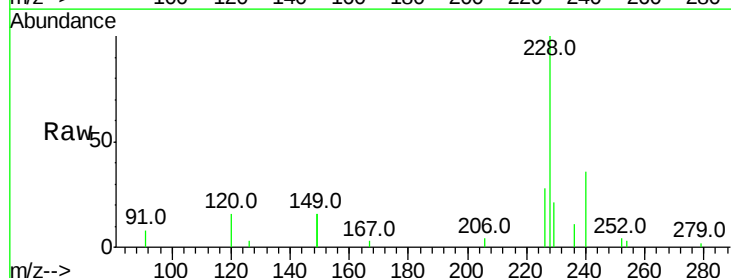
Tgt Ion:228 Resp: 8337

Ion Ratio Lower Upper

228 100

226 28.3 20.8 31.2

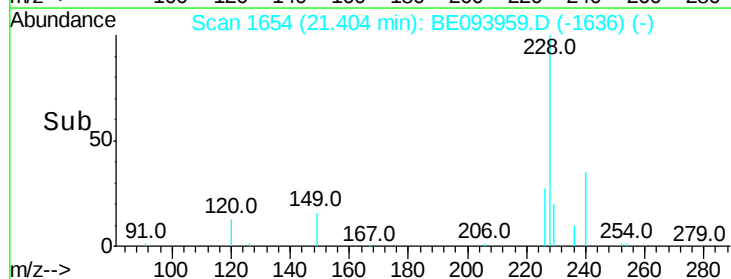
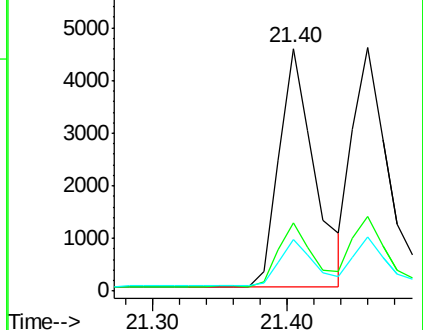
229 21.2 16.6 25.0

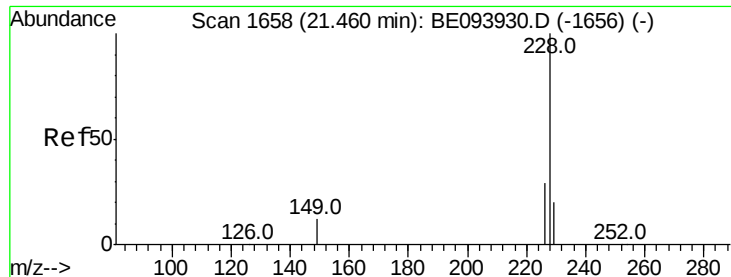


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.165 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

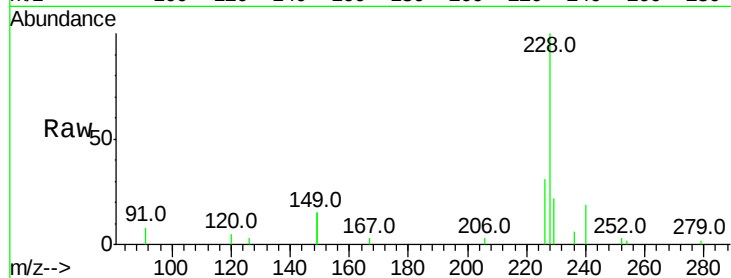
Tot Ion:228 Resp: 8765

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

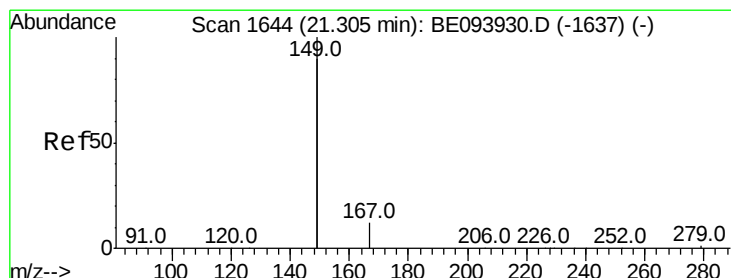
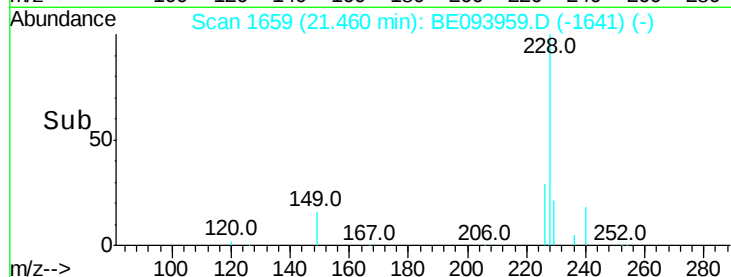
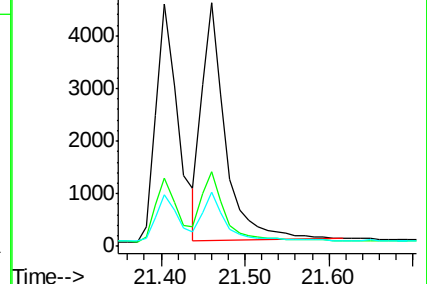
229 22.1 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.243 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

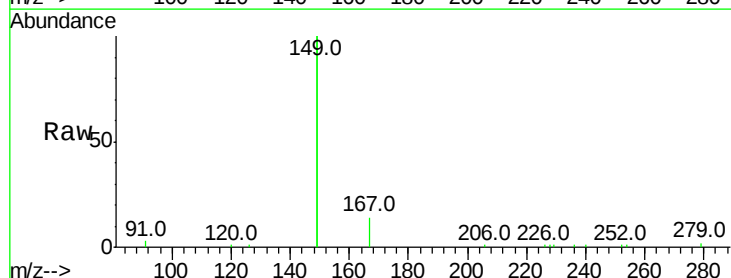
Tgt Ion:149 Resp: 29683

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

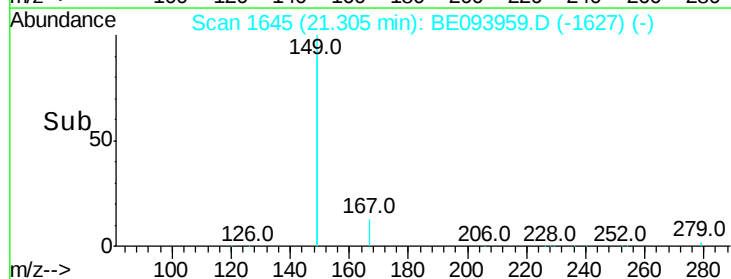
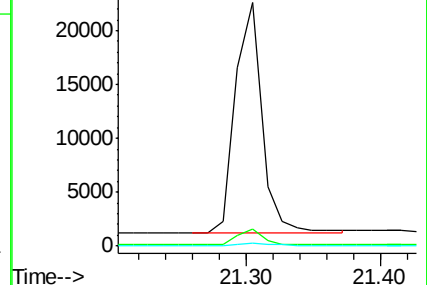
279 0.9 0.7 1.1



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: 0.130 ng

RT: 26.61 min Scan# 2712

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

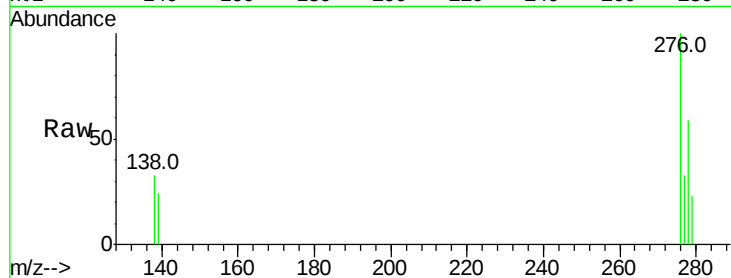
Tot Ion:276 Resp: 4621

Ion Ratio Lower Upper

276 100

138 22.3 22.2 33.2

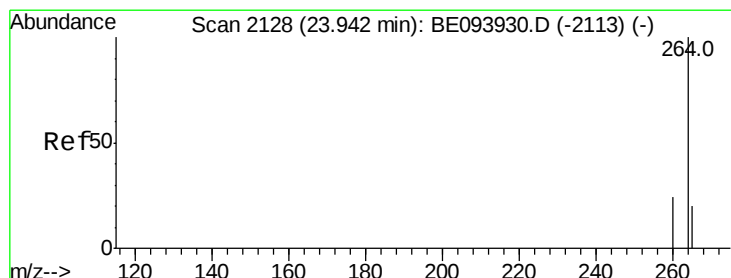
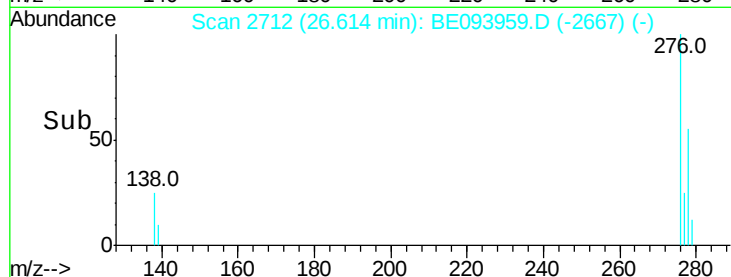
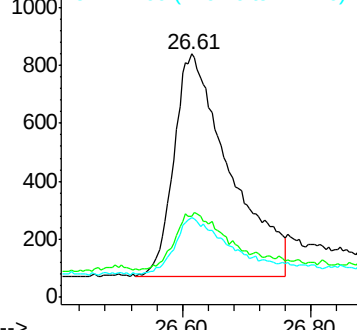
277 23.7 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

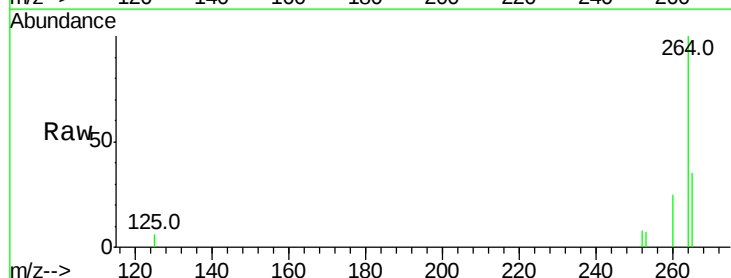
Tgt Ion:264 Resp: 12443

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

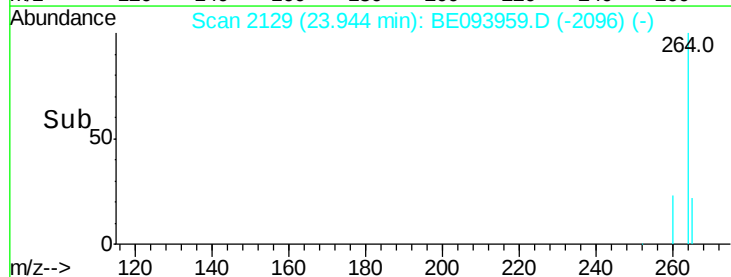
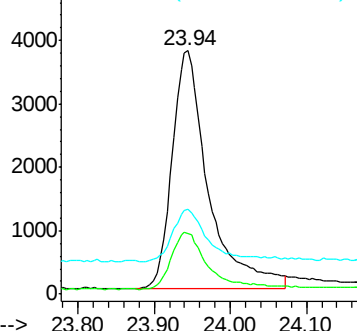
265 34.7 24.0 36.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.158 ng

RT: 23.17 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

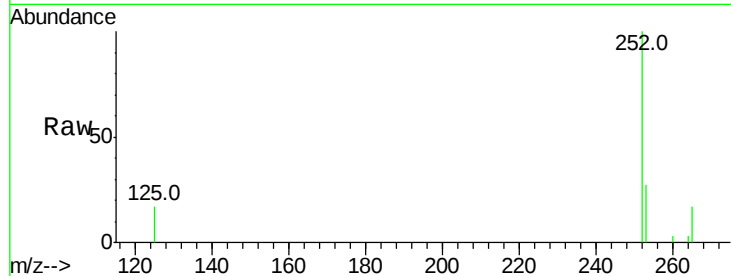
Tot Ion:252 Resp: 6245

Ion Ratio Lower Upper

252 100

253 26.7 19.4 29.0

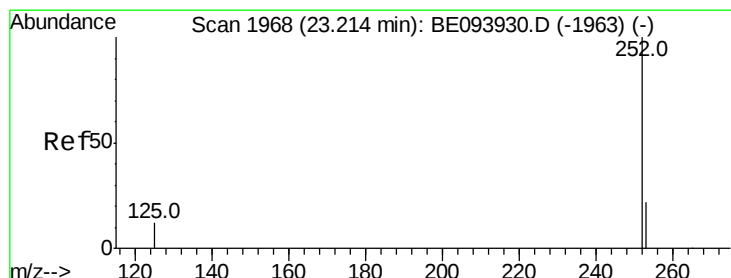
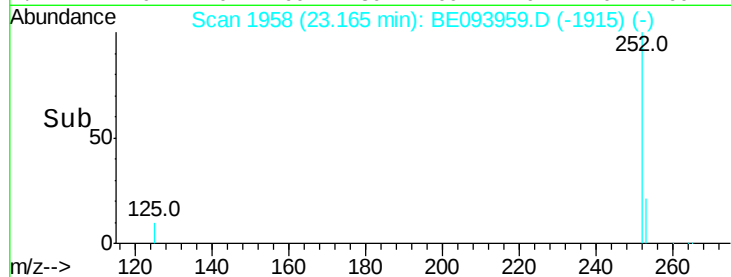
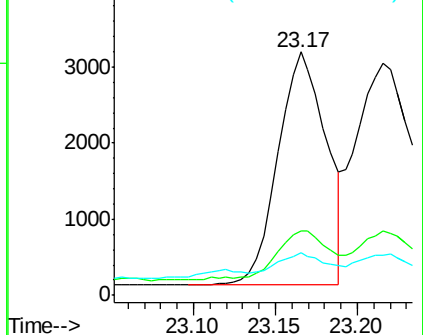
125 17.3 10.0 15.0#



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: 0.182 ng

RT: 23.22 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

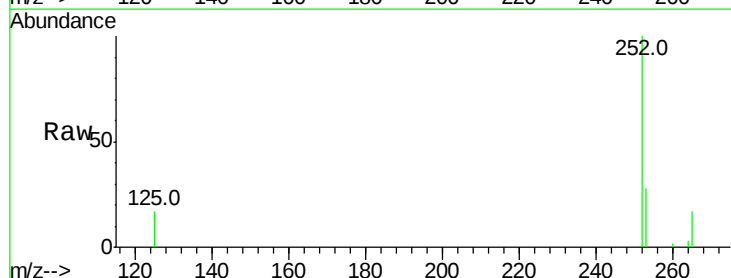
Tgt Ion:252 Resp: 8836

Ion Ratio Lower Upper

252 100

253 27.7 18.1 27.1#

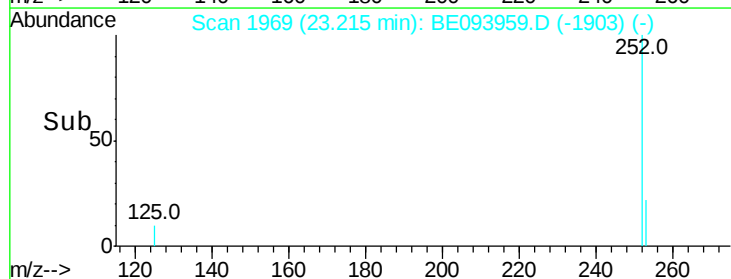
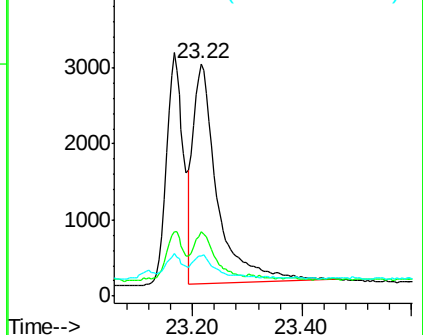
125 17.0 9.8 14.6#

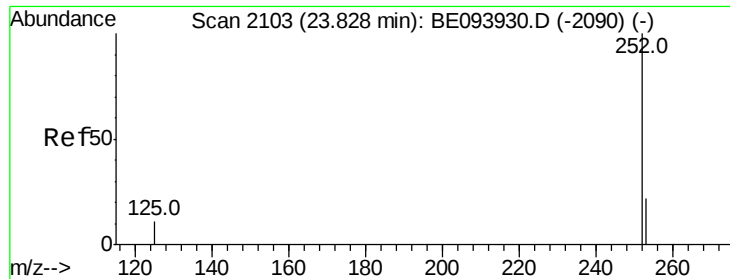


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.166 ng

RT: 23.83 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

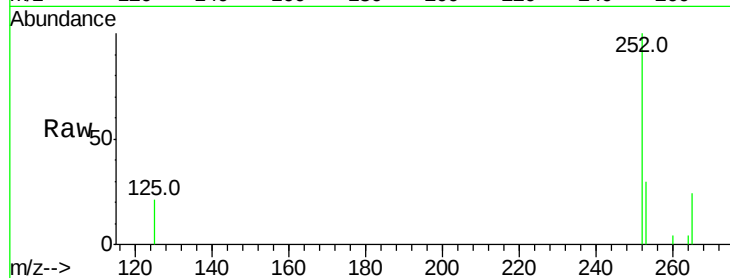
Tot Ion:252 Resp: 6712

Ion Ratio Lower Upper

252 100

253 30.0 19.6 29.4#

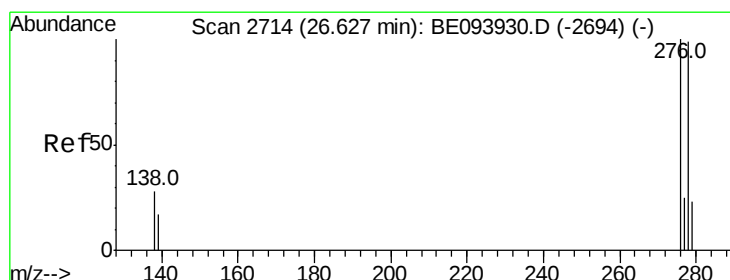
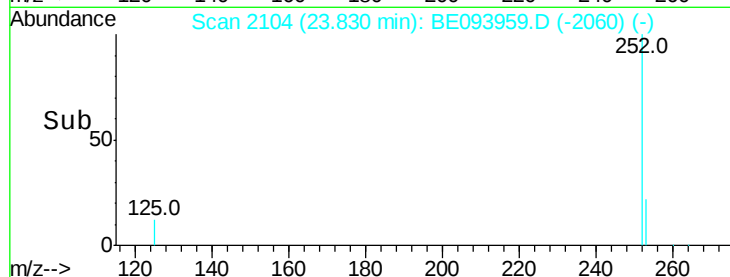
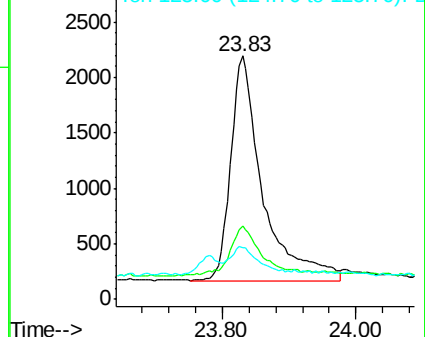
125 21.2 11.8 17.8#



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: 0.137 ng

RT: 26.64 min Scan# 2717

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

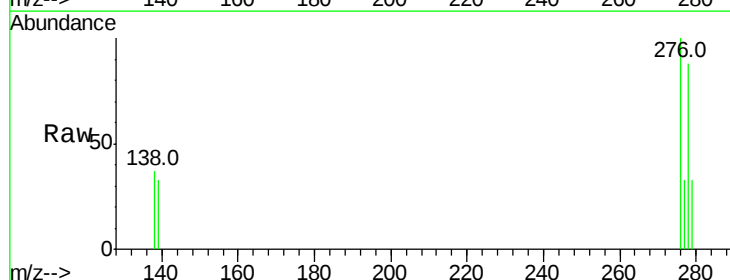
Tgt Ion:278 Resp: 3672

Ion Ratio Lower Upper

278 100

139 37.1 16.7 25.1#

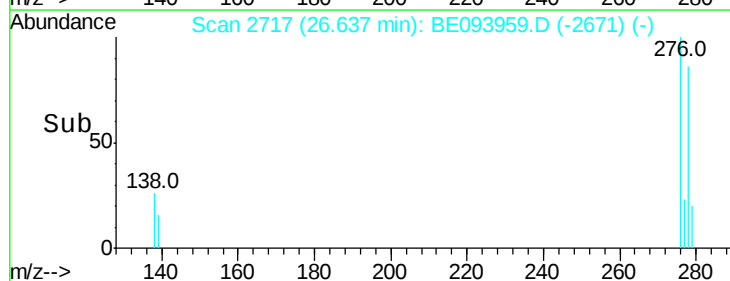
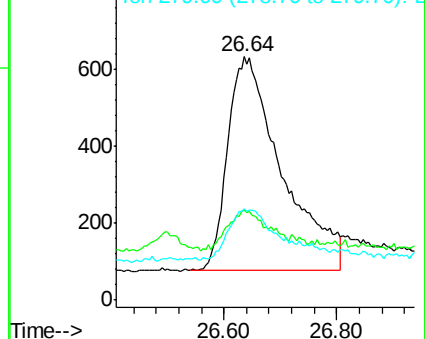
279 37.6 21.6 32.4#



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(a,h,i)perylene

Concen: 0.158 ng

RT: 27.43 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BE093959.D

Acq: 11 Sep 2017 12:48

Instrument :

BNA_E

ClientSampleId :

PB102153BS

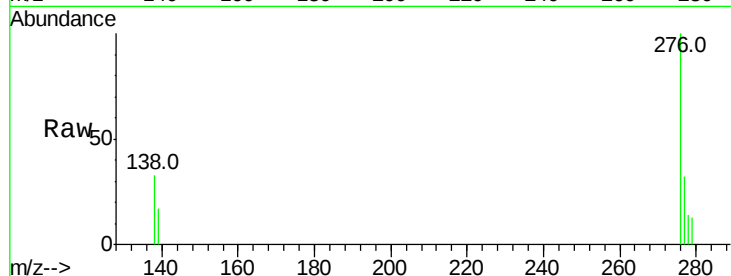
Tot Ion:276 Resp: 4451

Ion Ratio Lower Upper

276 100

277 32.1 20.6 30.8#

138 33.2 21.9 32.9#



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

