

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082817\
 Data File : BE093892.D
 Acq On : 28 Aug 2017 11:36
 Operator : SJ/JU
 Sample : PB101832BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 12:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 11:26:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1790	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7752	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4244	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10360	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13189	0.40	ng	0.00
34) Perylene-d12	23.93	264	10907	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	1885	0.34	ng	0.00
5) Phenol-d6	7.10	99	2564	0.30	ng	0.01
8) Nitrobenzene-d5	9.06	82	2293	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4501	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	366	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5362	0.32	ng	-0.01
25) Fluoranthene-d10	19.27	212	48329	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	10469	0.44	ng	0.00

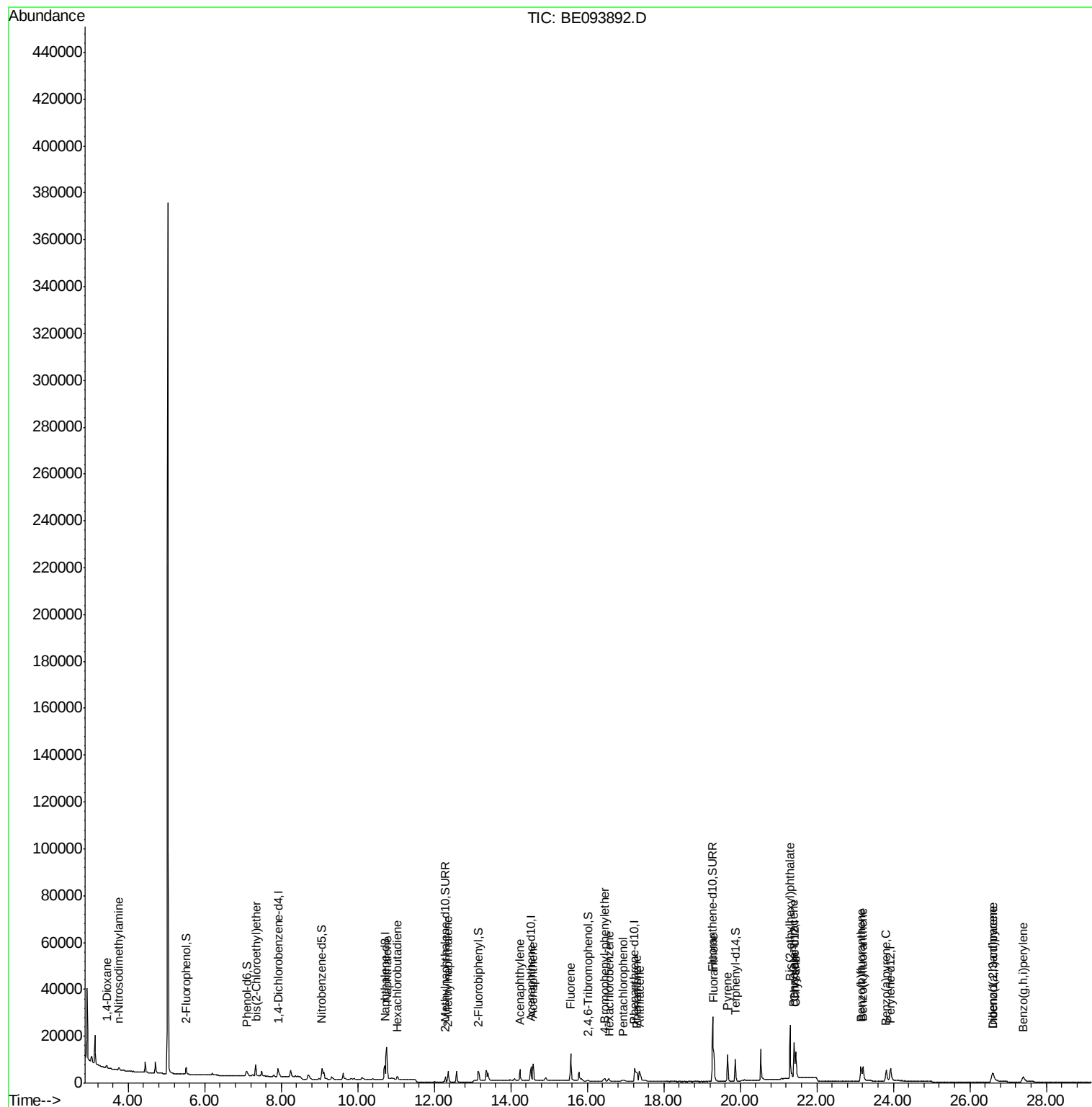
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	792	0.322	ng	# 44
3) n-Nitrosodimethylamine	3.74	42	838	0.306	ng	# 90
6) bis(2-Chloroethyl)ether	7.34	93	1953	0.301	ng	100
9) Naphthalene	10.76	128	26564	0.301	ng	100
10) Hexachlorobutadiene	11.04	225	995	0.319	ng	99
12) 2-Methylnaphthalene	12.36	142	4458	0.302	ng	99
16) Acenaphthylene	14.24	152	6327	0.301	ng	99
17) Acenaphthene	14.58	154	4198	0.296	ng	99
18) Fluorene	15.56	166	5880	0.321	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1283	0.292	ng	94
21) Hexachlorobenzene	16.58	284	1113	0.286	ng	# 100
22) Pentachlorophenol	16.94	266	675	0.416	ng	97
23) Phenanthrene	17.30	178	8197	0.311	ng	# 100
24) Anthracene	17.37	178	8280	0.264	ng	# 100
26) Fluoranthene	19.30	202	12712	0.352	ng	100
28) Pyrene	19.67	202	13061	0.294	ng	99
30) Benzo(a)anthracene	21.39	228	12392	0.316	ng	97
31) Chrysene	21.45	228	13155	0.302	ng	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	28297	0.343	ng	99
33) Indeno(1,2,3-cd)pyrene	26.59	276	8884	0.299	ng	98
35) Benzo(b)fluoranthene	23.16	252	10372	0.298	ng	98
36) Benzo(k)fluoranthene	23.21	252	12391	0.311	ng	97
37) Benzo(a)pyrene	23.81	252	10544	0.305	ng	98
38) Dibenzo(a,h)anthracene	26.61	278	7415	0.304	ng	96
39) Benzo(g,h,i)perylene	27.40	276	7744	0.291	ng	97

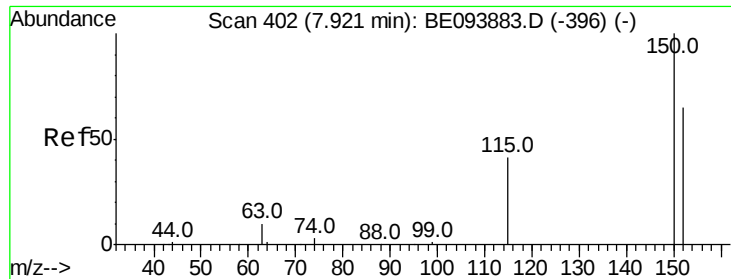
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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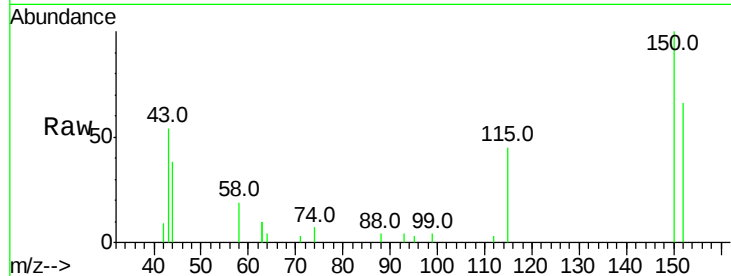


#1

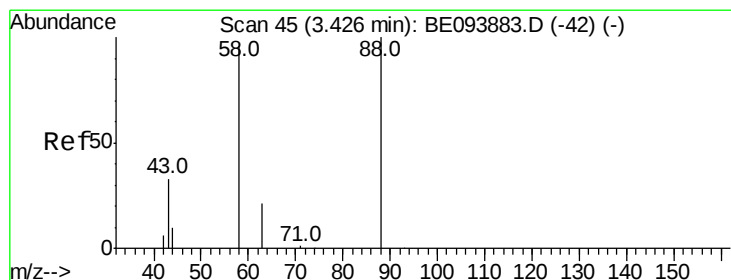
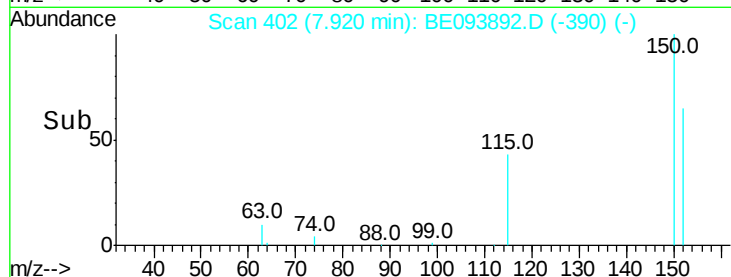
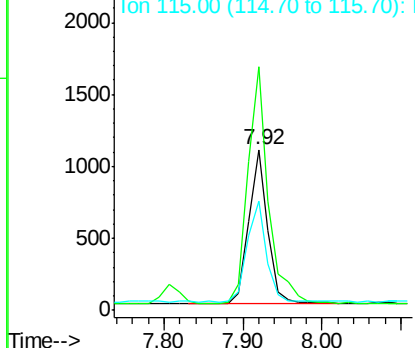
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1790
Ion Ratio Lower Upper
152 100
150 151.6 121.8 182.6
115 68.2 52.6 79.0



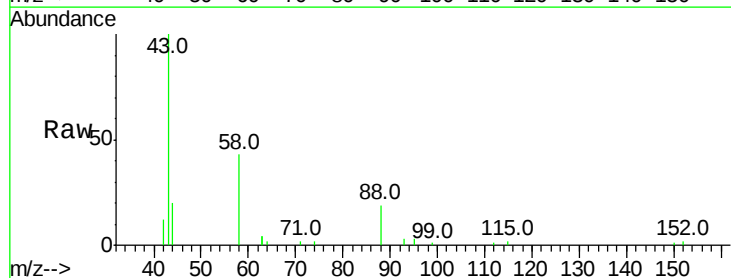
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



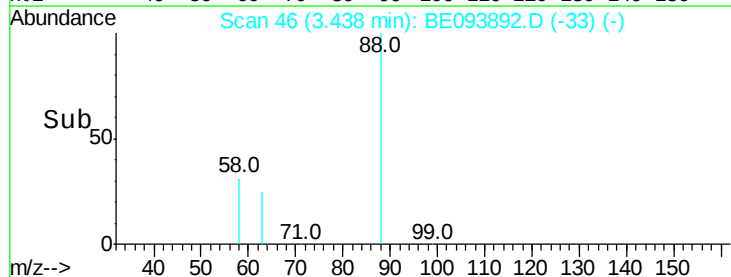
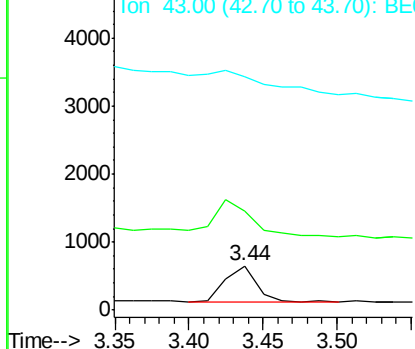
#2

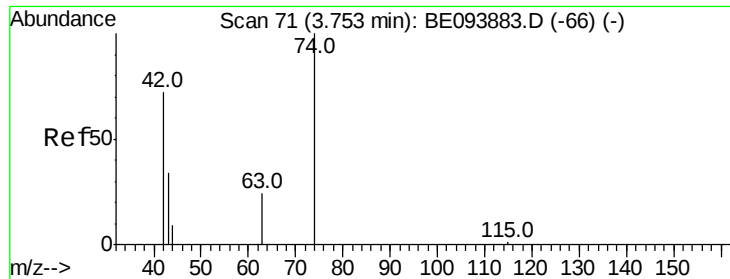
1,4-Dioxane
Concen: 0.322 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

Tgt Ion: 88 Resp: 792
Ion Ratio Lower Upper
88 100
58 132.4 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



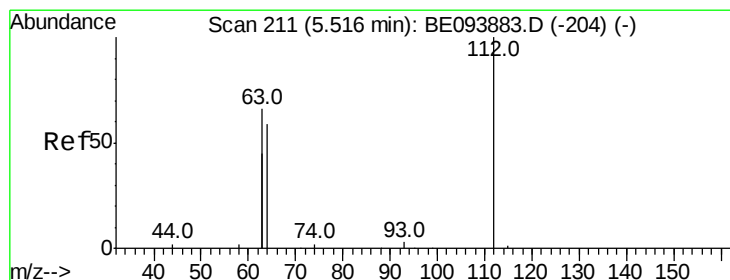
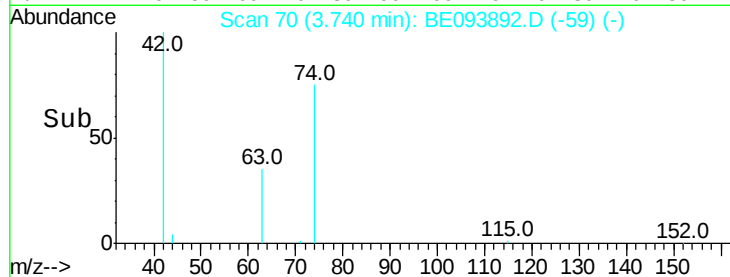
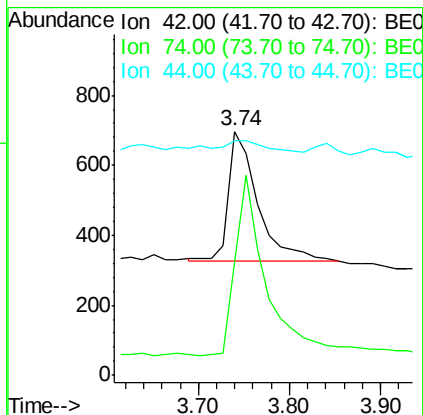
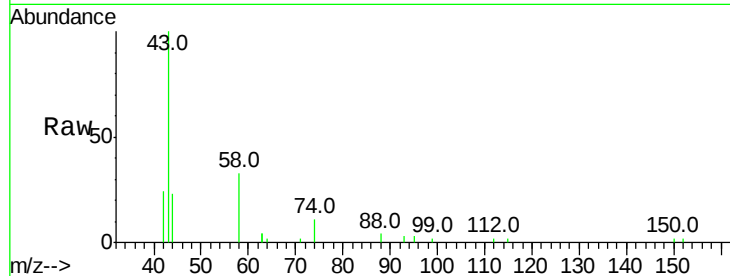


#3

n-Nitrosodimethylamine
 Concen: 0.306 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

Instrument :
 BNA_E
 ClientSampleId :

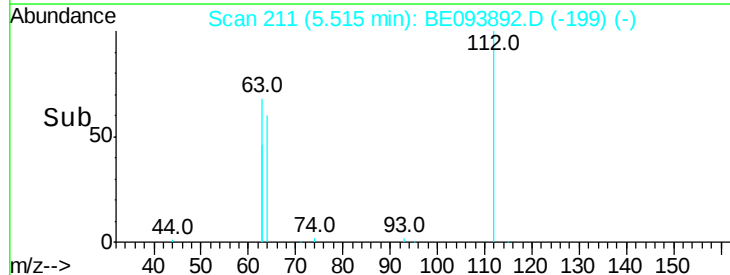
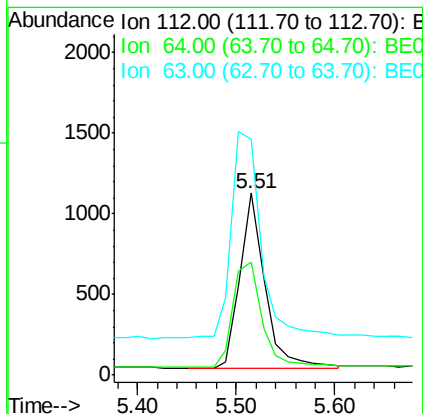
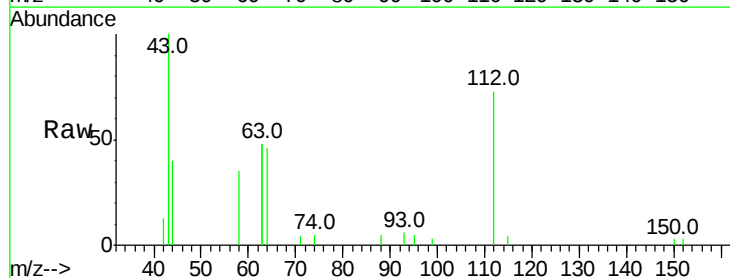
Tot Ion: 42 Resp: 838
 Ion Ratio Lower Upper
 42 100
 74 141.3 104.0 156.0
 44 11.8 13.8 20.8#

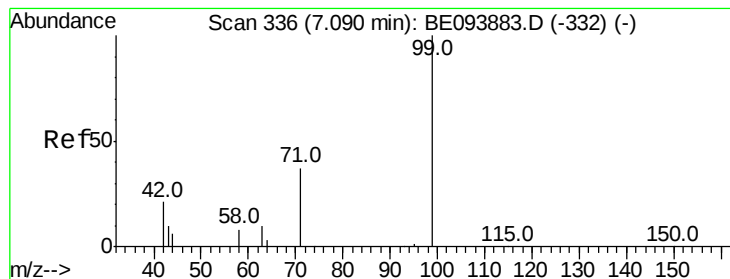


#4

2-Fluorophenol
 Concen: 0.342 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

Tgt Ion: 112 Resp: 1885
 Ion Ratio Lower Upper
 112 100
 64 71.9 57.7 86.5
 63 140.9 116.0 174.0





#5

Phenol-d6

Concen: 0.304 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampled :

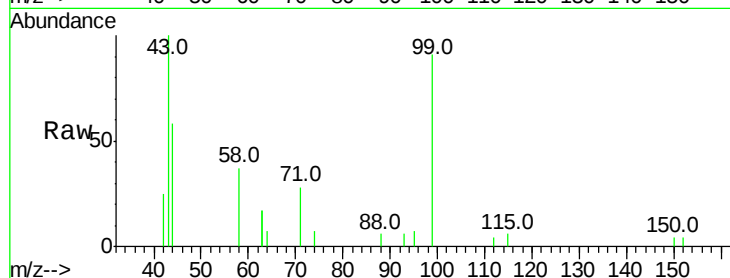
Tot Ion: 99 Resp: 2564

Ion Ratio Lower Upper

99 100

42 20.8 17.1 25.7

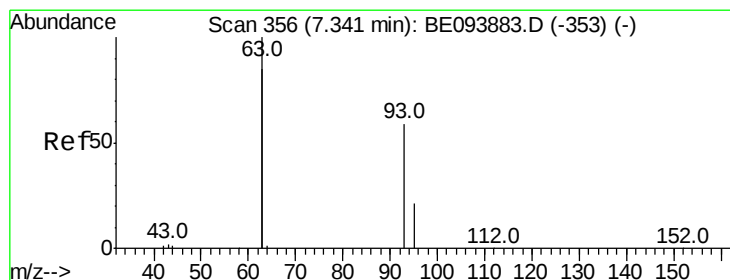
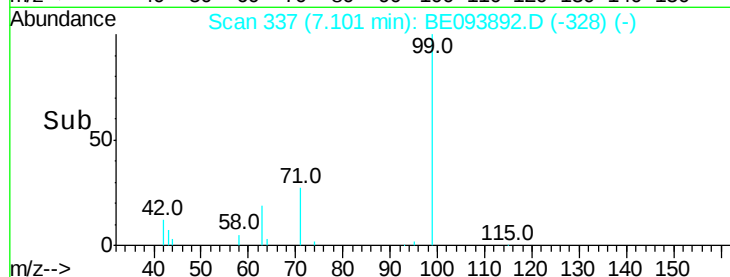
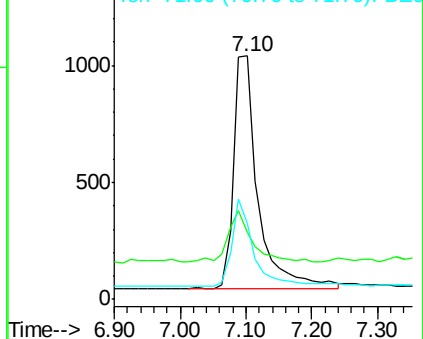
71 33.0 26.6 39.8



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: 0.301 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

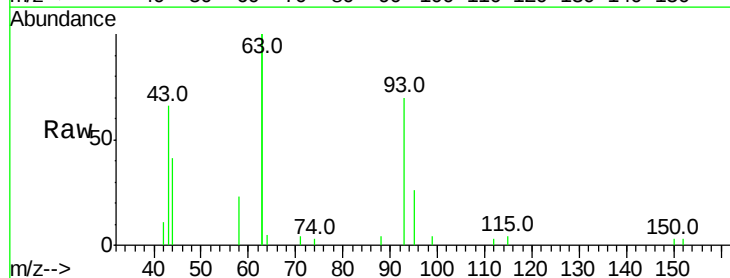
Tgt Ion: 93 Resp: 1953

Ion Ratio Lower Upper

93 100

63 355.2 283.4 425.2

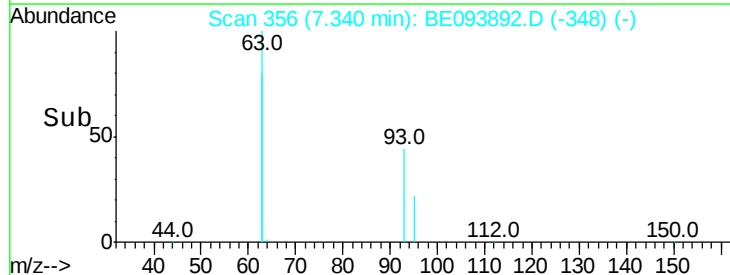
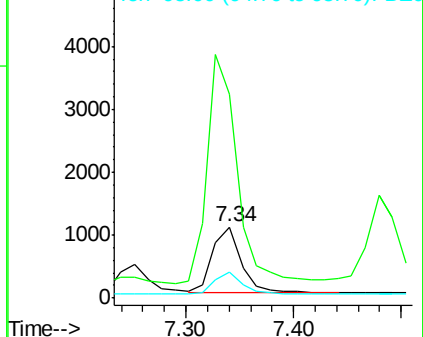
95 33.3 26.9 40.3

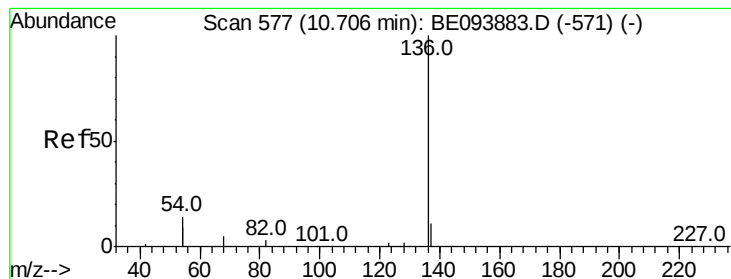


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7752

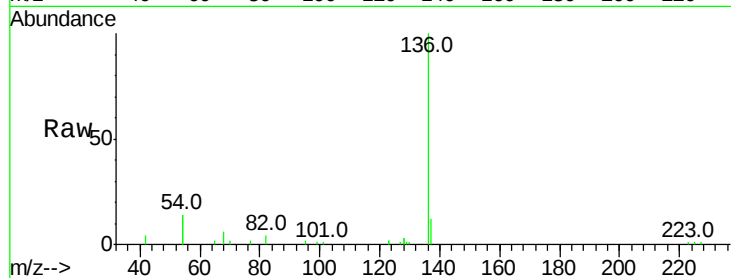
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 28.6 21.9 32.9

68 6.0 4.6 7.0

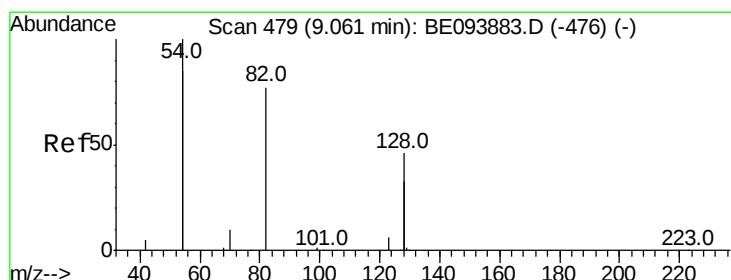
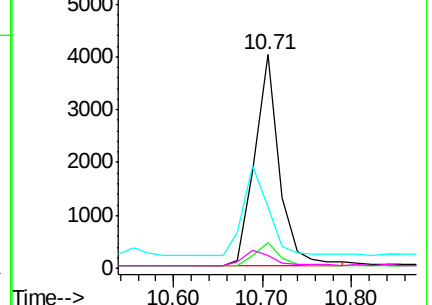
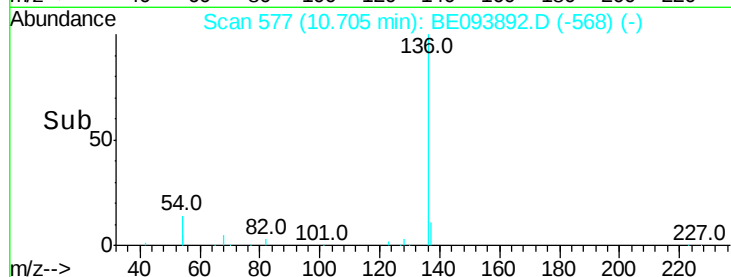


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

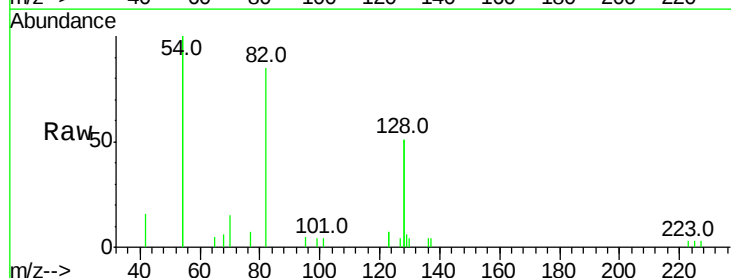
Tgt Ion: 82 Resp: 2293

Ion Ratio Lower Upper

82 100

128 119.4 91.4 137.0

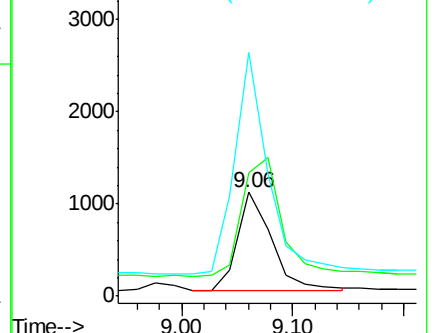
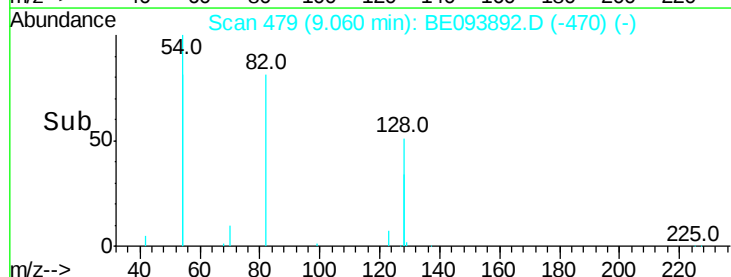
54 235.1 197.8 296.8

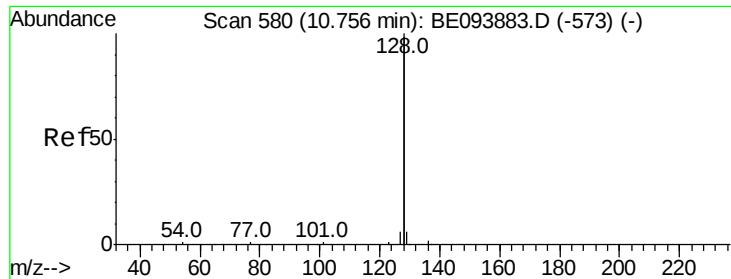


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.301 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

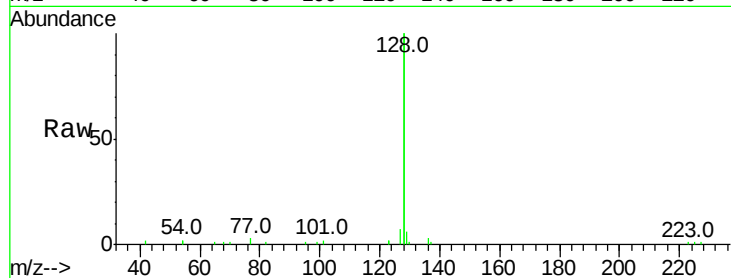
Tot Ion:128 Resp: 26564

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

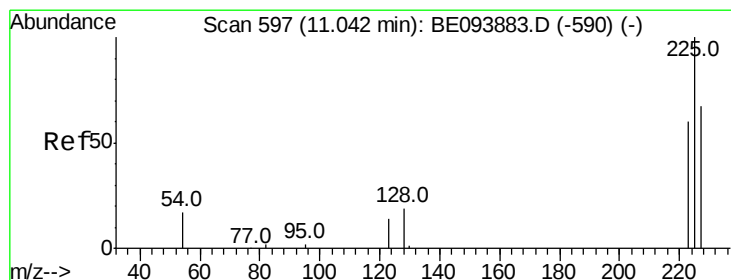
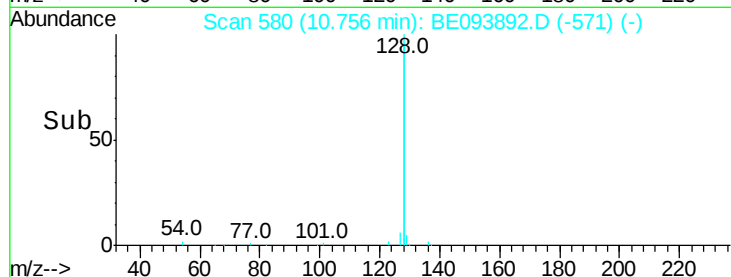
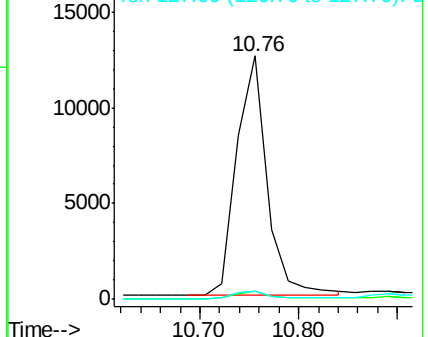
127 3.4 2.6 4.0



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: 0.319 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

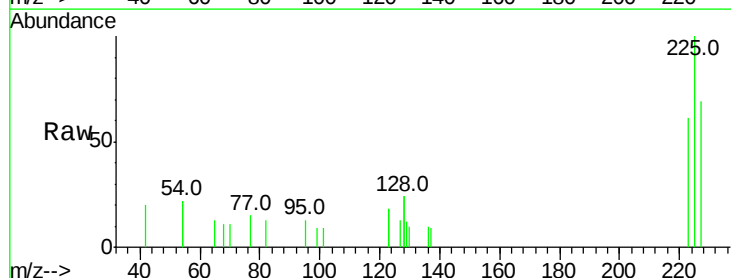
Tgt Ion:225 Resp: 995

Ion Ratio Lower Upper

225 100

223 61.6 49.4 74.0

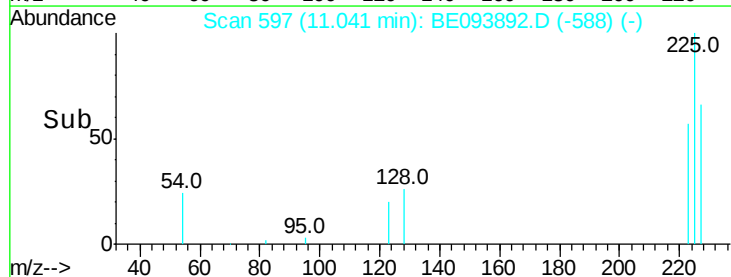
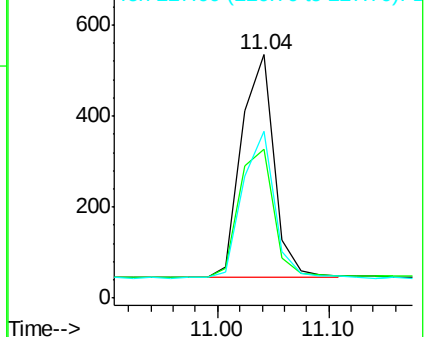
227 65.2 50.5 75.7

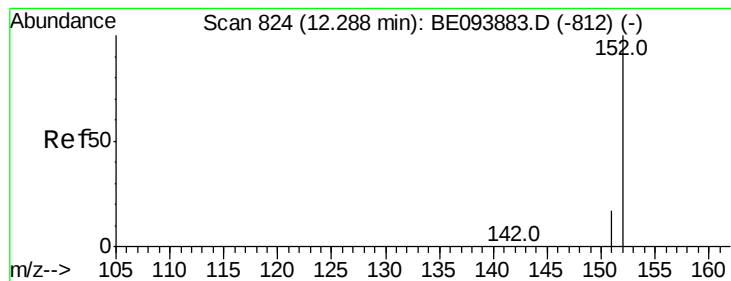


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

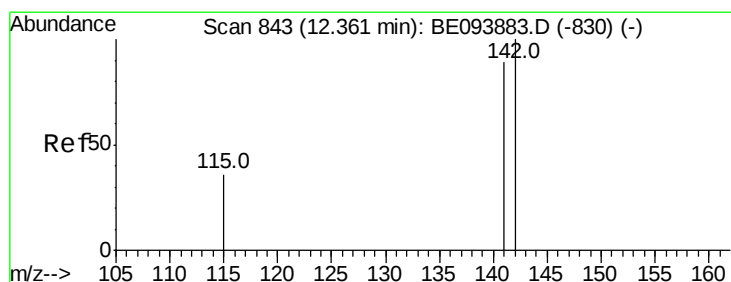
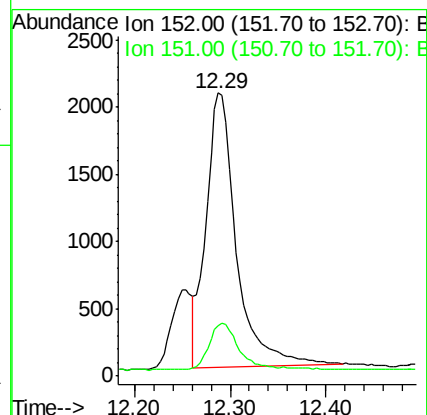
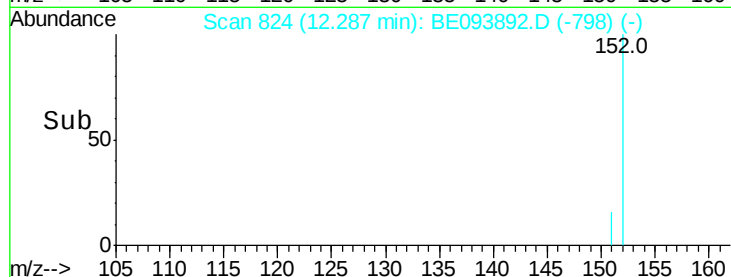
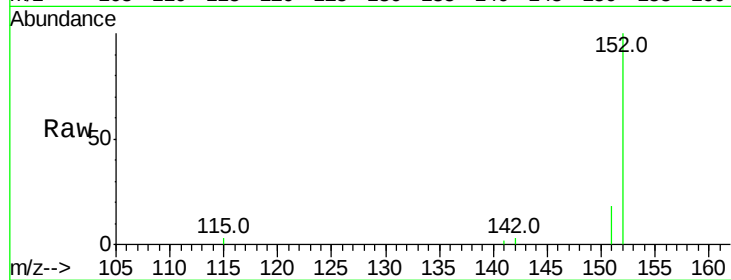
ClientSampleId :

Tot Ion:152 Resp: 4501

Ion Ratio Lower Upper

152 100

151 16.7 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.302 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

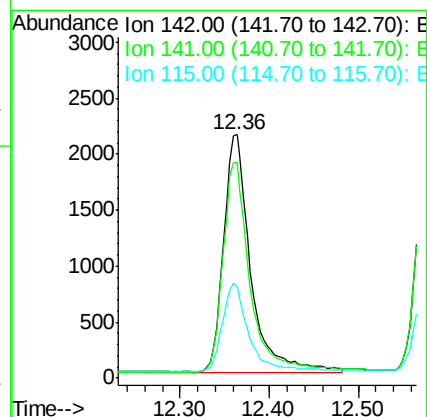
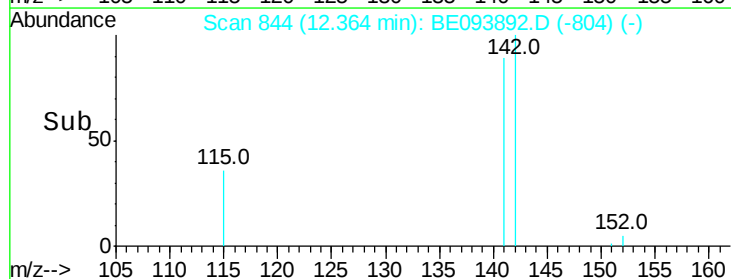
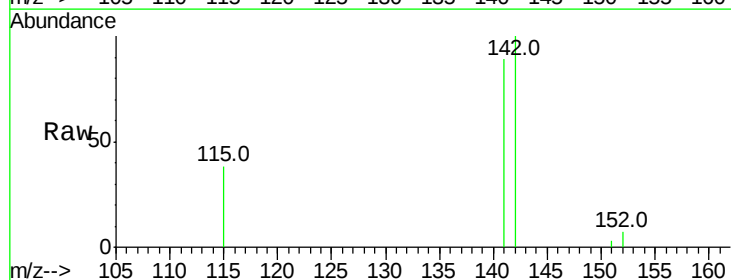
Tgt Ion:142 Resp: 4458

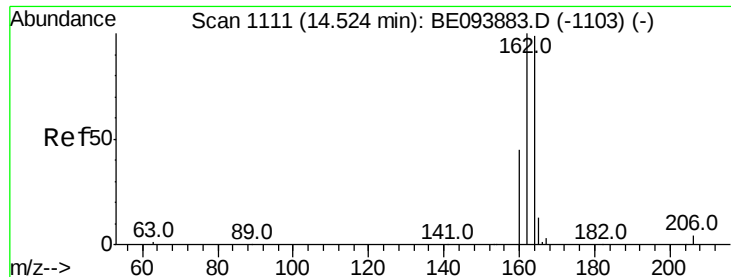
Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

115 37.5 29.4 44.0

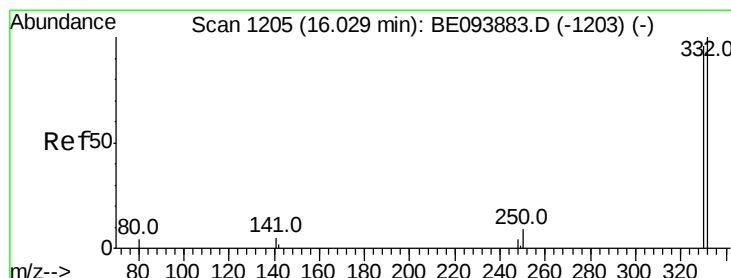
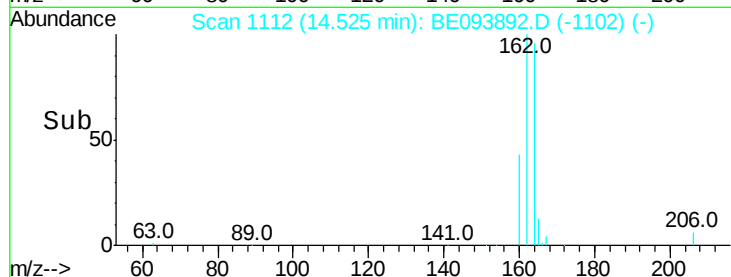
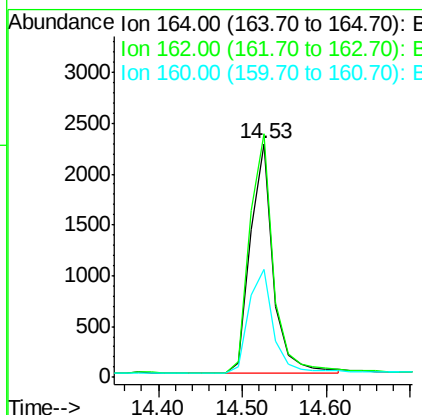
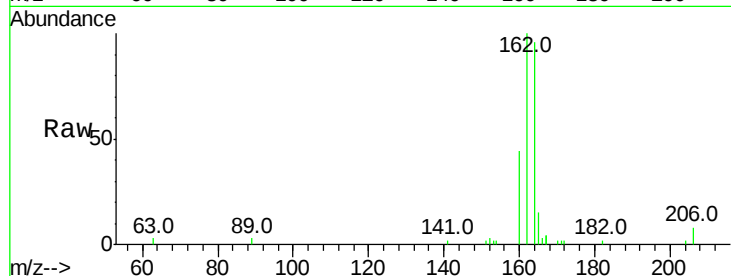




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

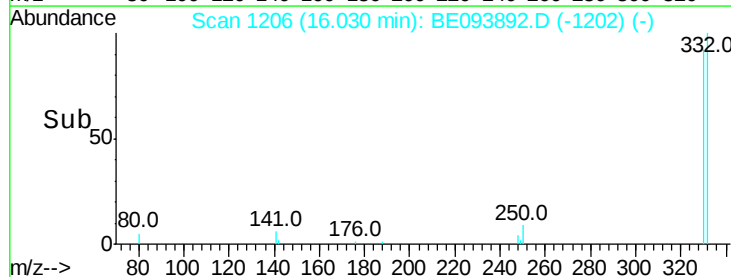
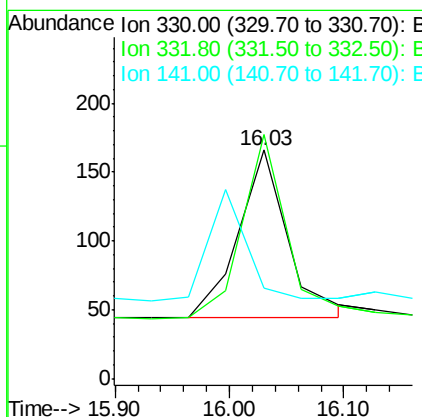
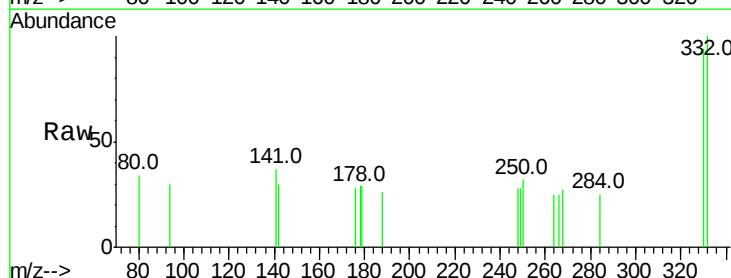
Instrument :
 BNA_E
 ClientSampleId :

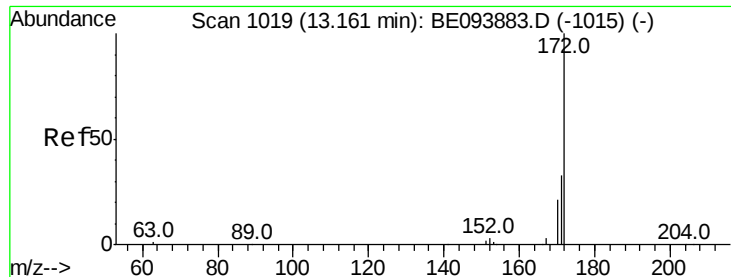
Tot Ion:164 Resp: 4244
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.8 121.2
 160 46.4 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.322 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

Tgt Ion:330 Resp: 366
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.9 115.3
 141 0.0 0.0 0.0

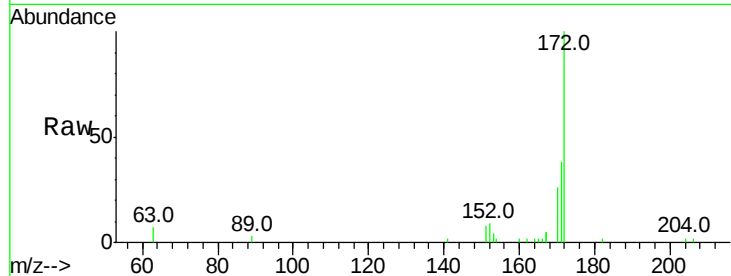




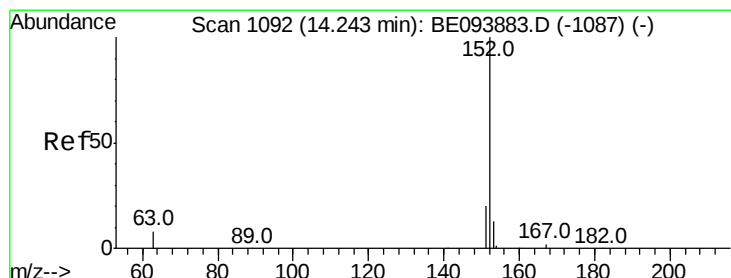
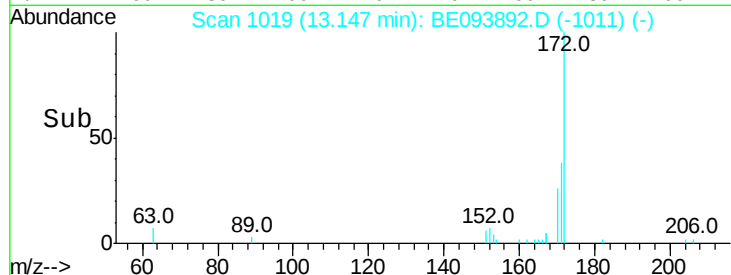
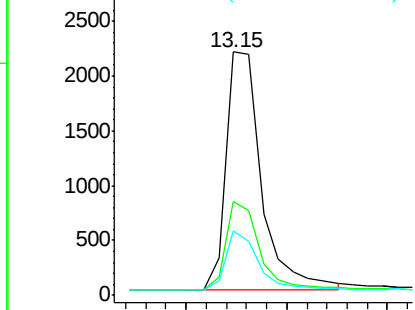
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5362
Ion Ratio Lower Upper
172 100
171 38.5 26.9 40.3
170 26.5 17.3 25.9#

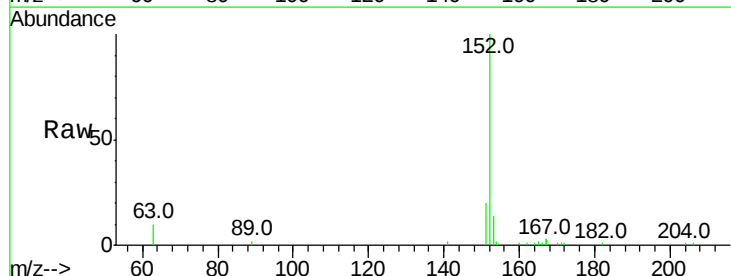


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

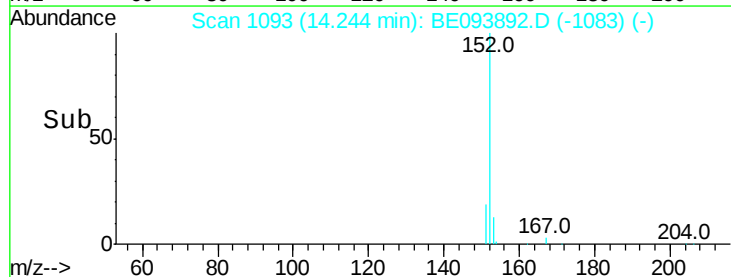
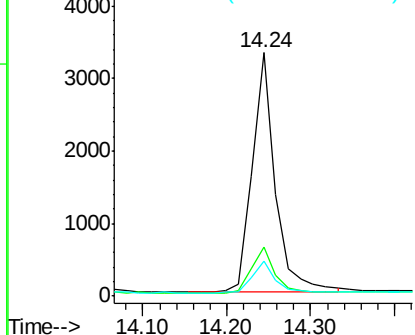


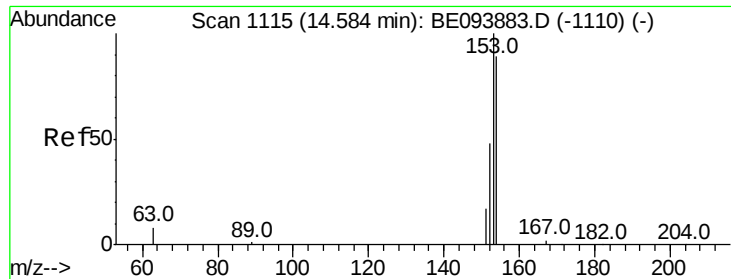
#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

Tgt Ion:152 Resp: 6327
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 13.0 10.6 16.0



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: 0.296 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

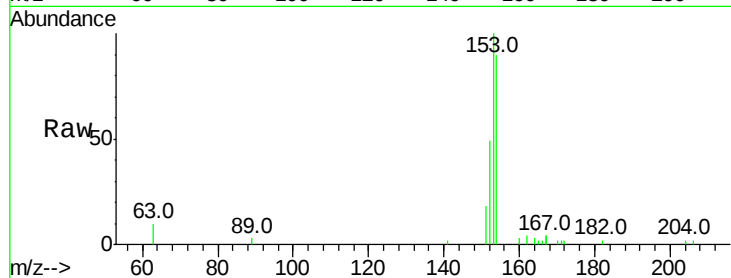
Tot Ion:154 Resp: 4198

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

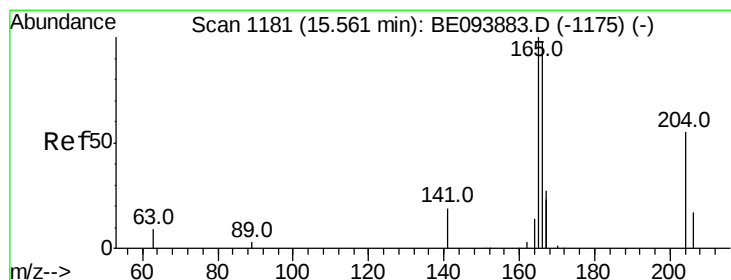
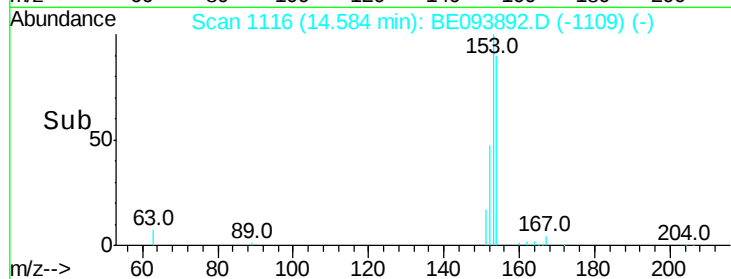
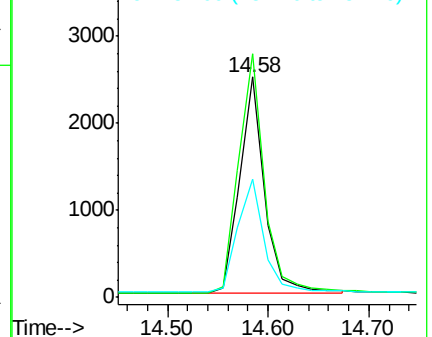
152 55.4 44.9 67.3



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: 0.321 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

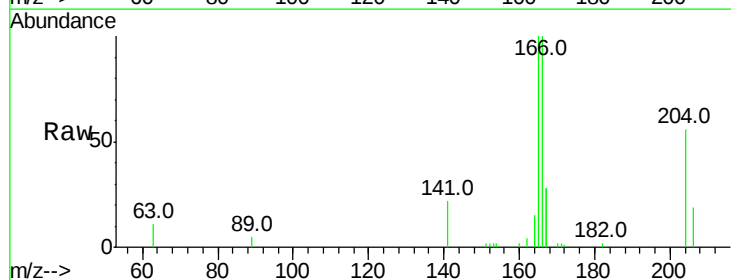
Tgt Ion:166 Resp: 5880

Ion Ratio Lower Upper

166 100

165 98.5 79.4 119.0

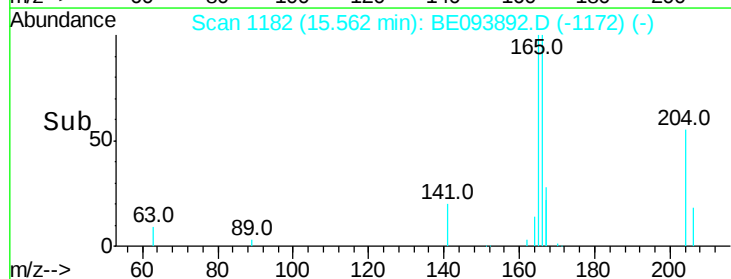
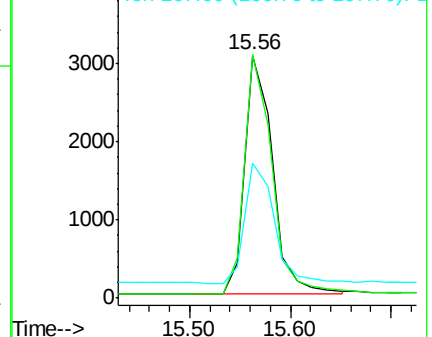
167 52.6 43.5 65.3

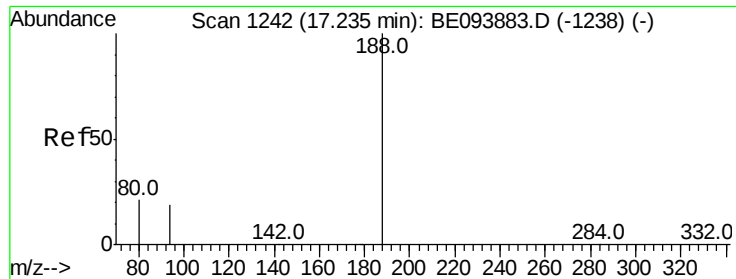


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

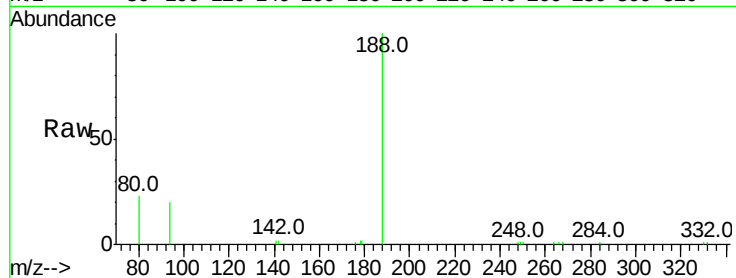
Tot Ion:188 Resp: 10360

Ion Ratio Lower Upper

188 100

94 20.2 16.1 24.1

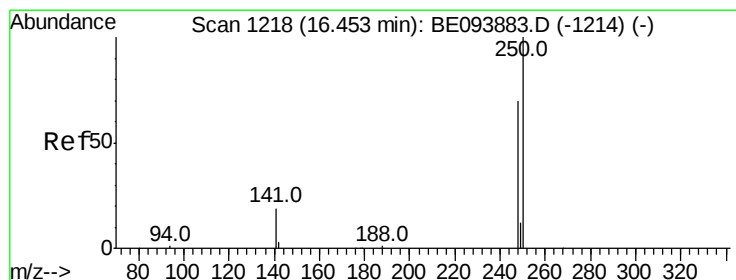
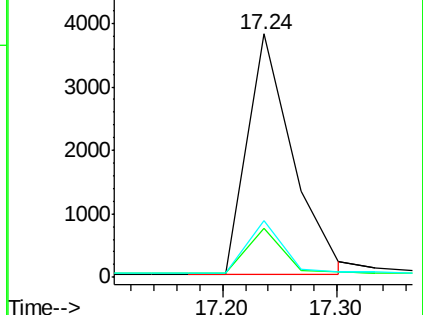
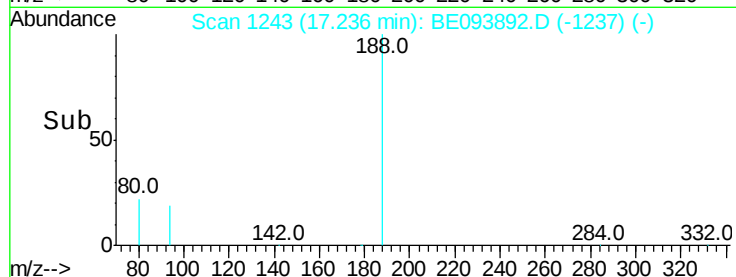
80 23.2 18.2 27.2



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: 0.292 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

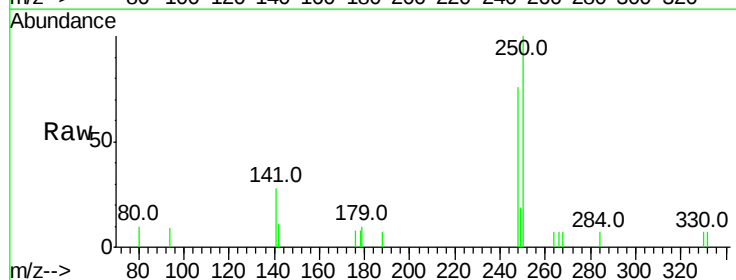
Tgt Ion:248 Resp: 1283

Ion Ratio Lower Upper

248 100

250 131.9 111.8 167.8

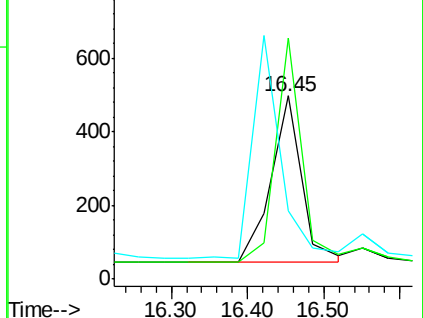
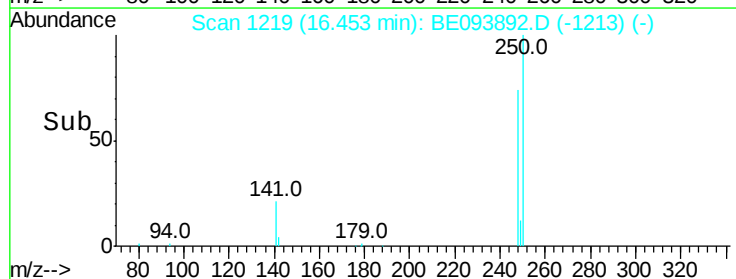
141 37.6 27.1 40.7

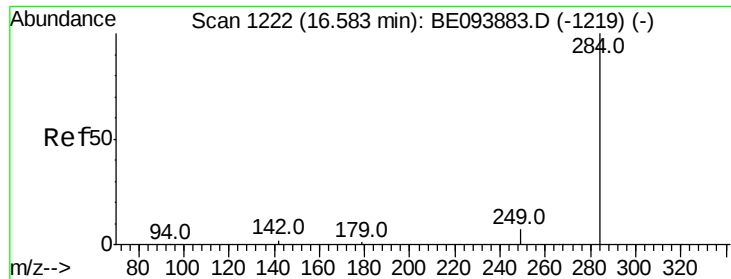


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.286 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

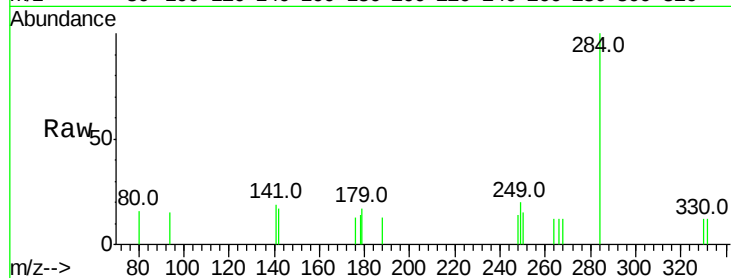
Tot Ion:284 Resp: 1113

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

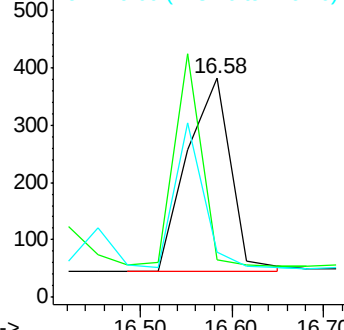
249 0.0 0.0 0.0



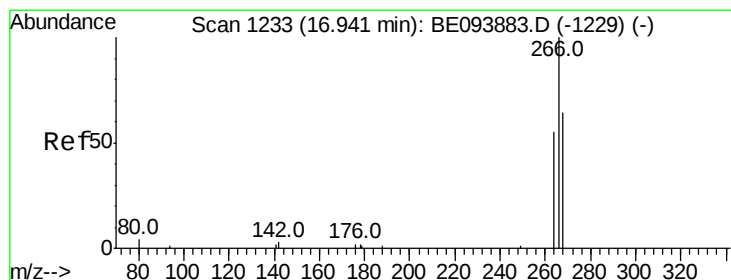
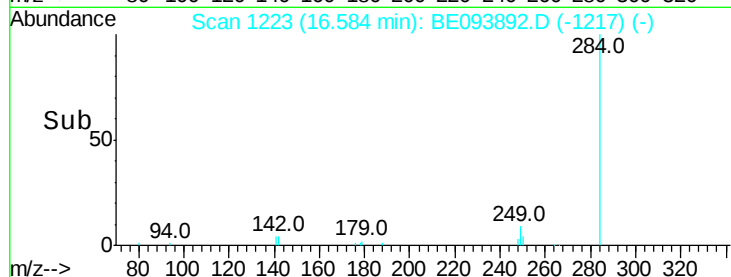
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.416 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

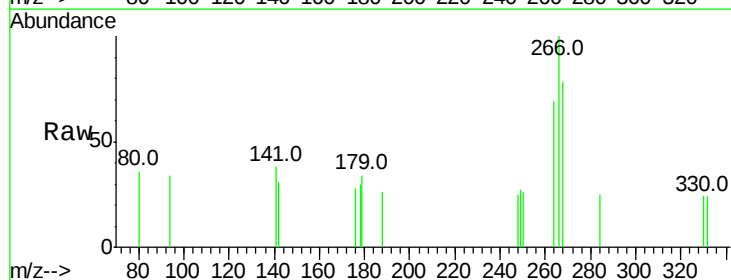
Tgt Ion:266 Resp: 675

Ion Ratio Lower Upper

266 100

264 68.6 53.5 80.3

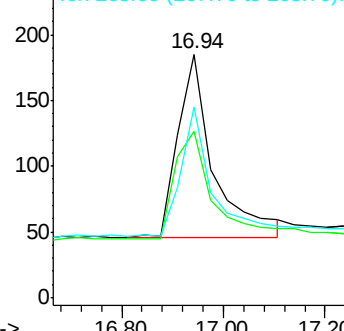
268 78.4 60.0 90.0



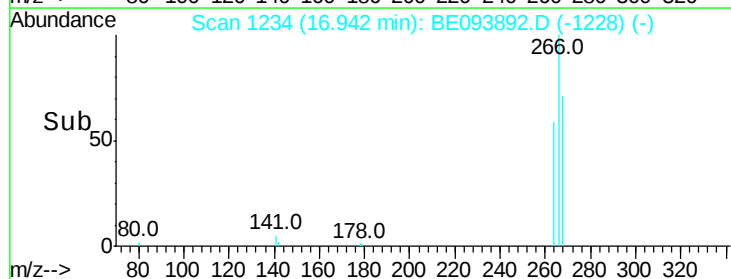
Abundance Ion 266.00 (265.70 to 266.70): E

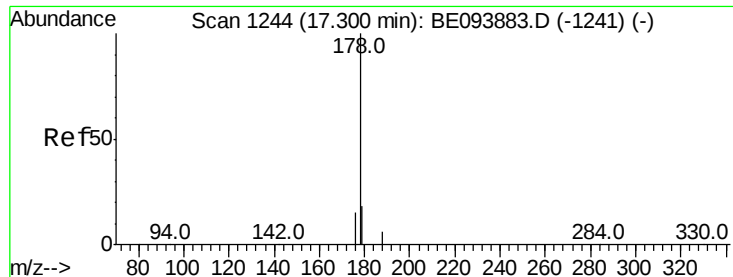
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.311 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampled :

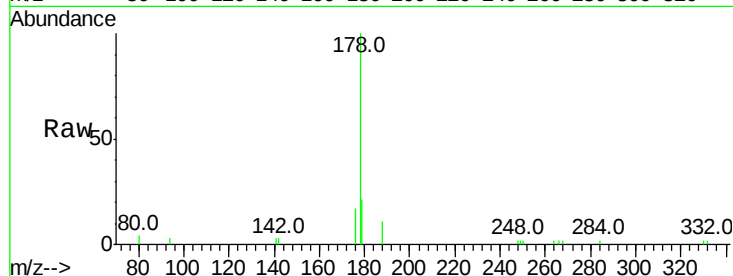
Tot Ion:178 Resp: 8197

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

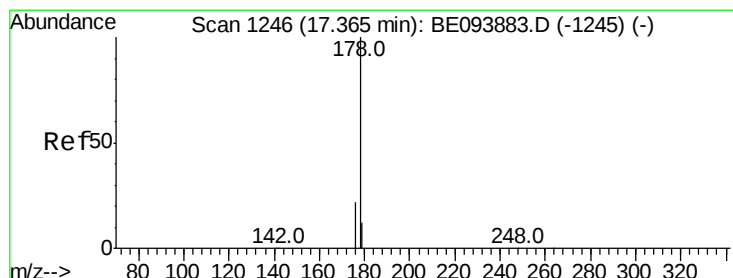
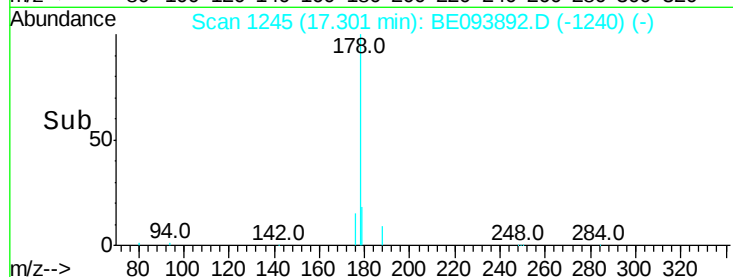
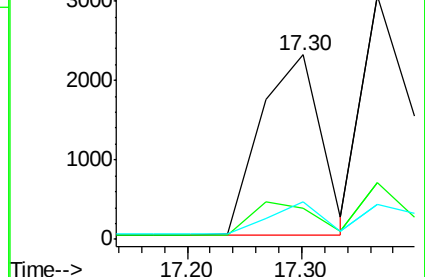
179 15.5 12.6 18.8



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: 0.264 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

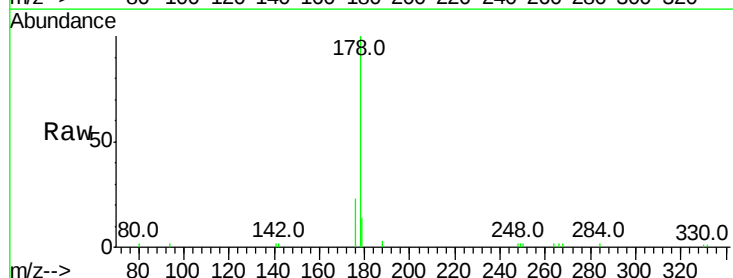
Tgt Ion:178 Resp: 8280

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

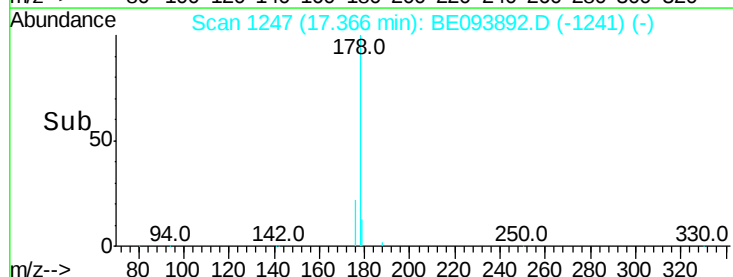
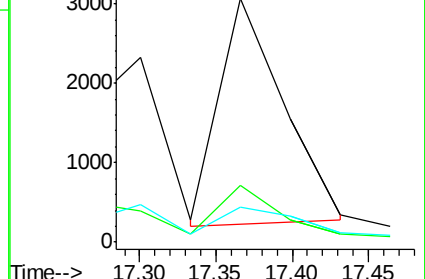
179 0.0 0.0 0.0

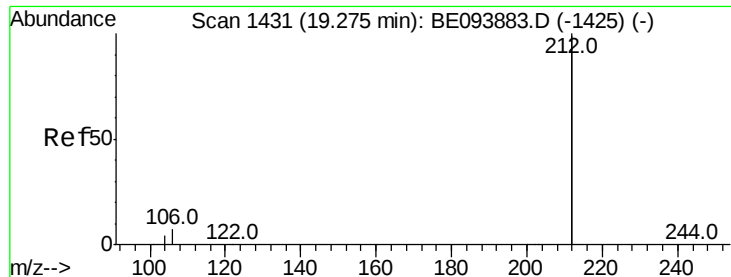


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

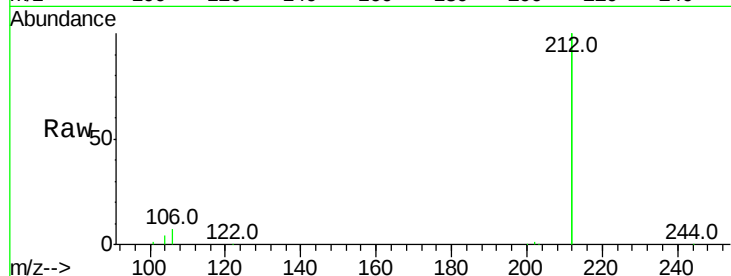
Tot Ion:212 Resp: 48329

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

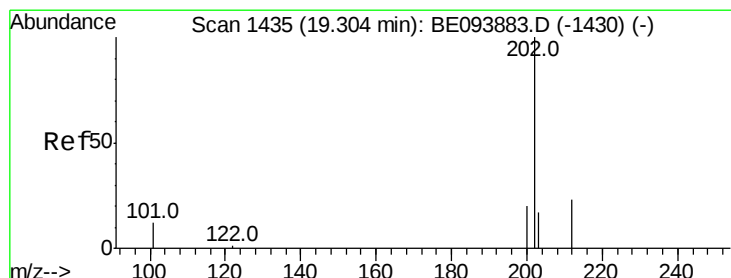
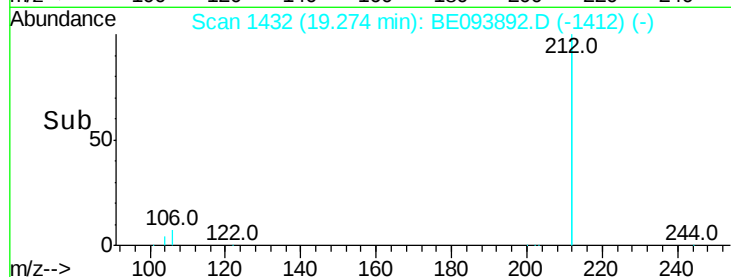
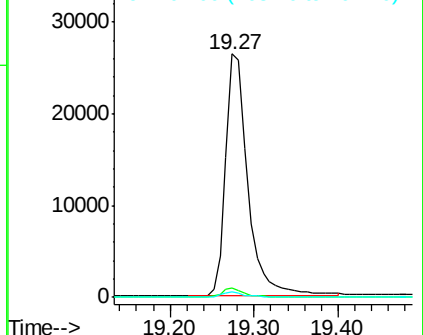
104 2.0 1.6 2.4



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: 0.352 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

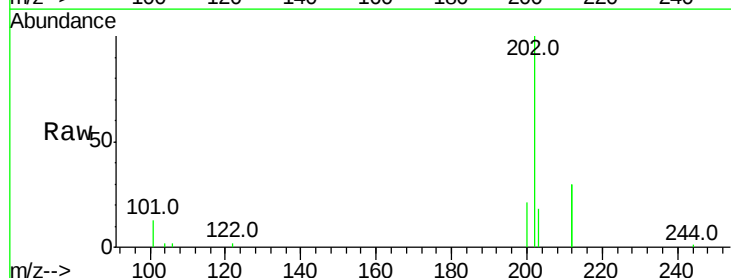
Tgt Ion:202 Resp: 12712

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

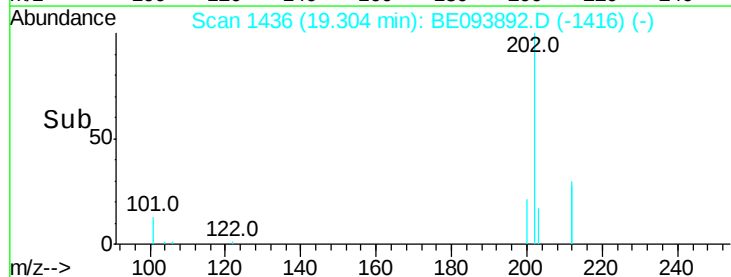
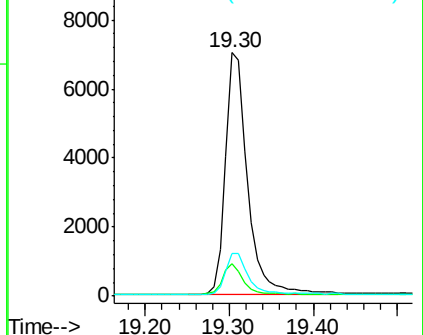
203 17.1 13.7 20.5

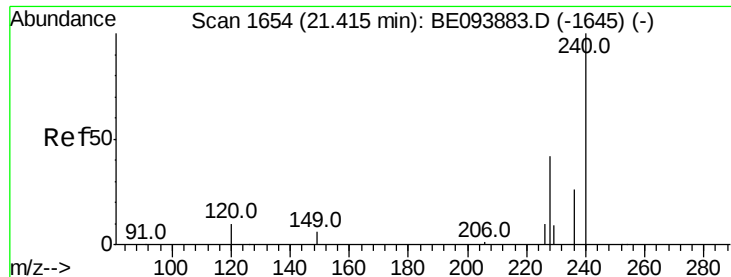


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

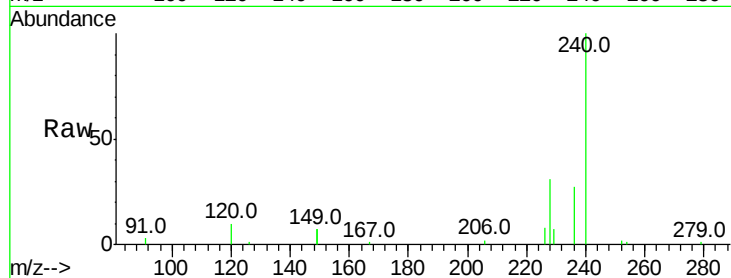
Tot Ion:240 Resp: 13189

Ion Ratio Lower Upper

240 100

120 10.2 8.7 13.1

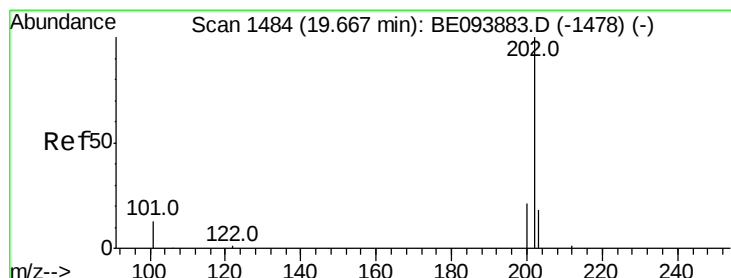
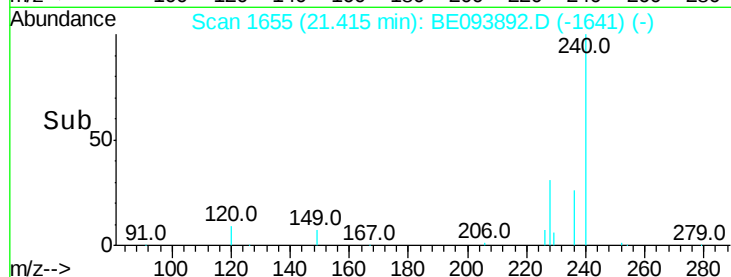
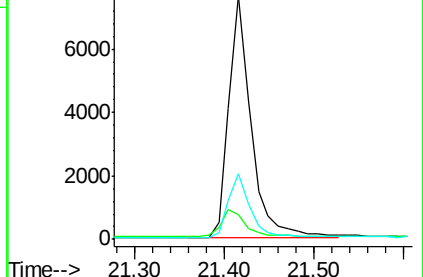
236 26.9 21.3 31.9



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: 0.294 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

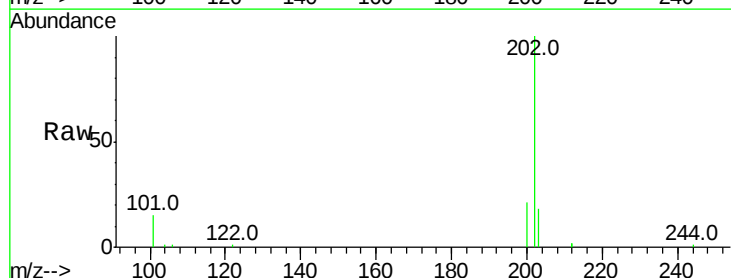
Tgt Ion:202 Resp: 13061

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

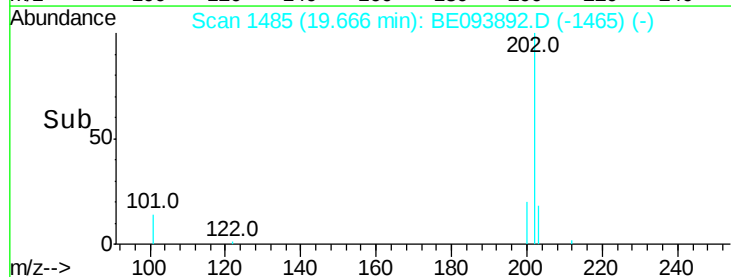
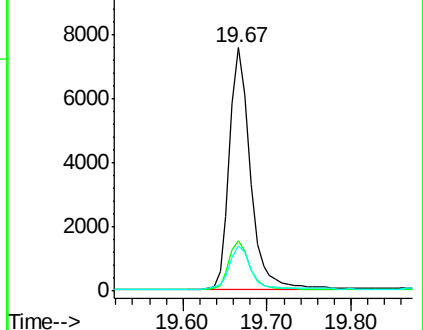
203 18.4 14.2 21.4

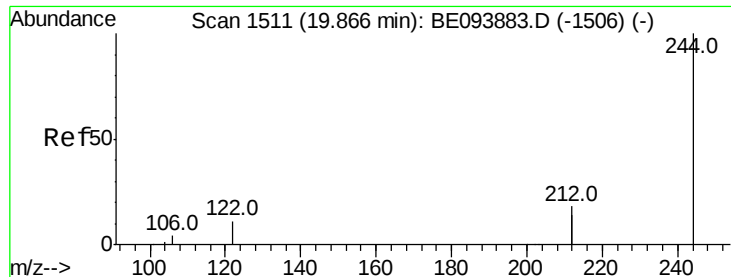


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

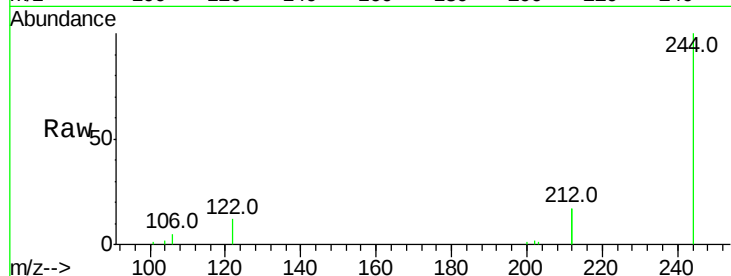
Tot Ion:244 Resp: 10469

Ion Ratio Lower Upper

244 100

212 34.3 28.3 42.5

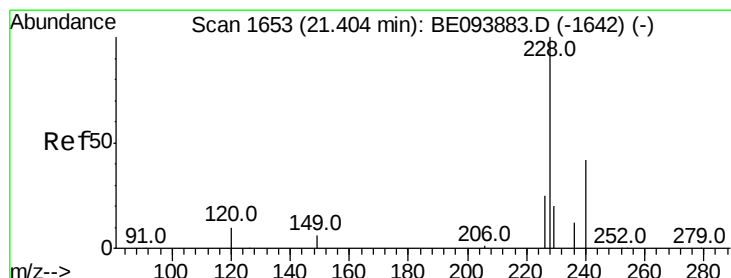
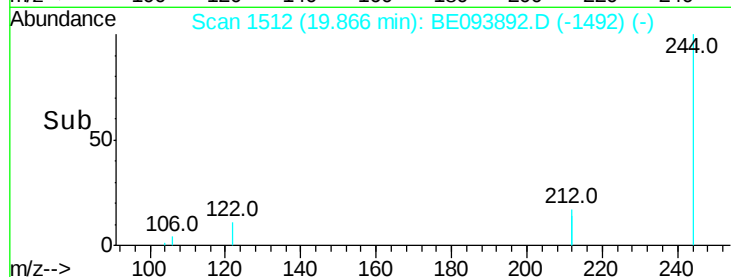
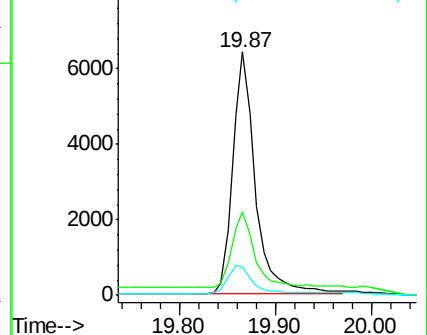
122 11.8 9.4 14.0



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: 0.316 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

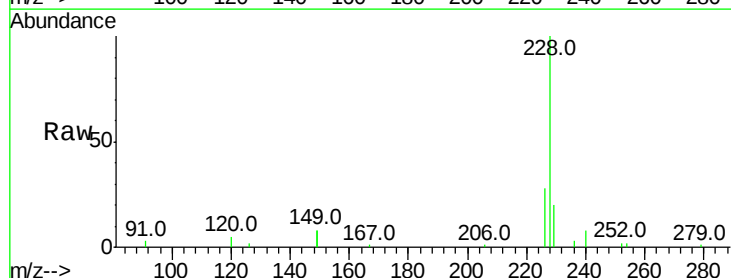
Tgt Ion:228 Resp: 12392

Ion Ratio Lower Upper

228 100

226 27.9 20.8 31.2

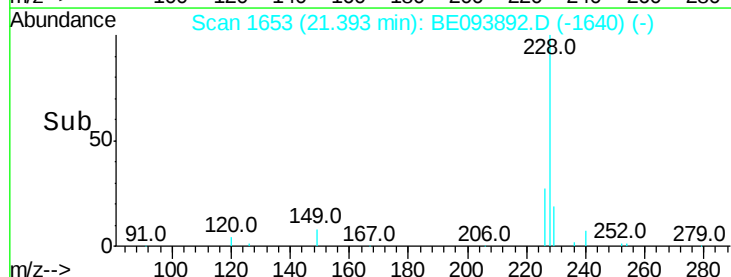
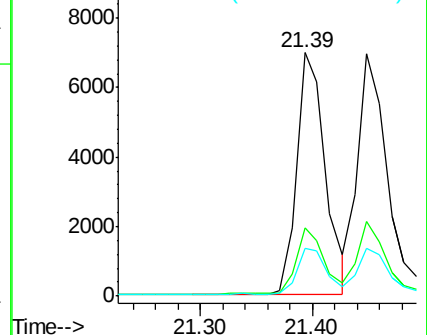
229 19.8 16.6 25.0

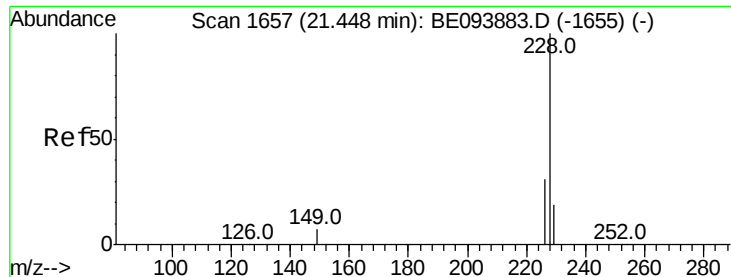


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.302 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

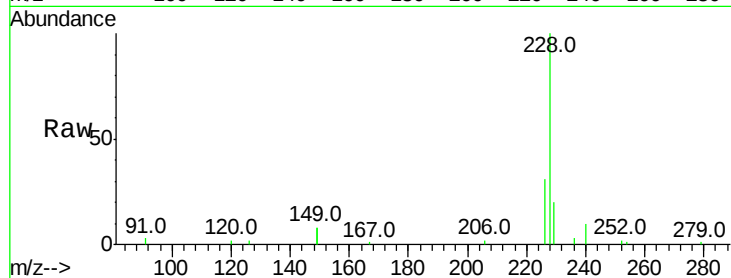
Tot Ion:228 Resp: 13155

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

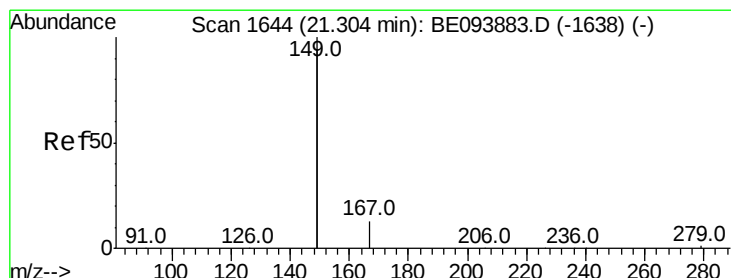
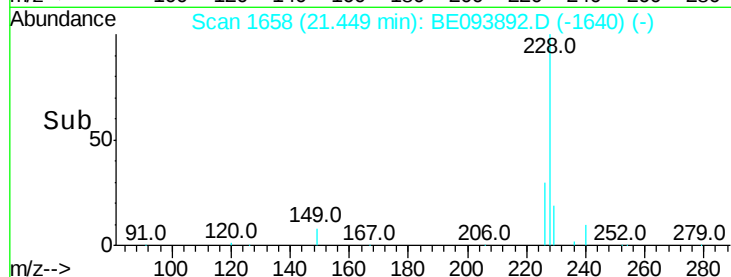
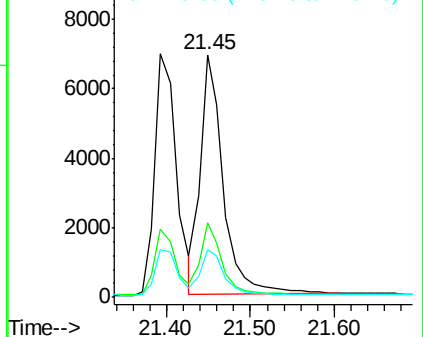
229 19.8 15.8 23.8



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: 0.343 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

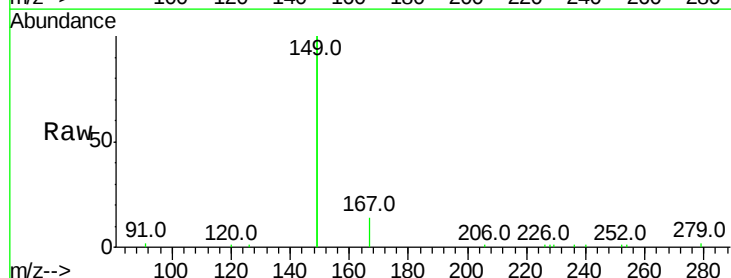
Tgt Ion:149 Resp: 28297

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

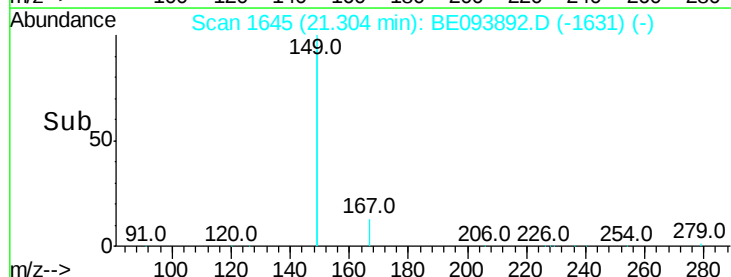
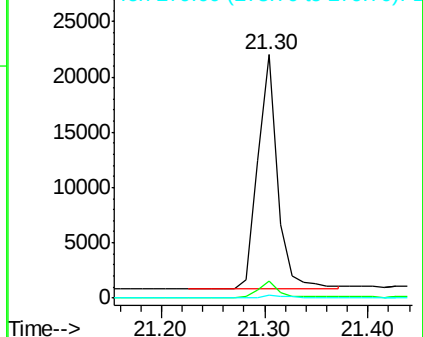
279 1.0 0.7 1.1

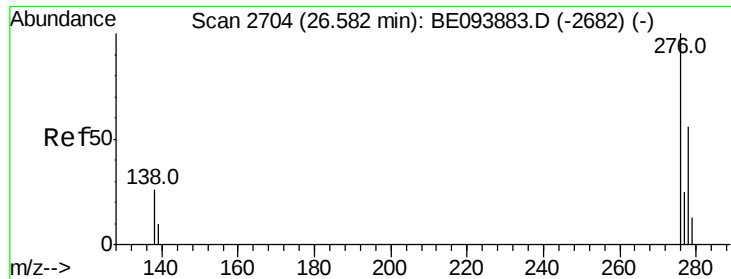


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

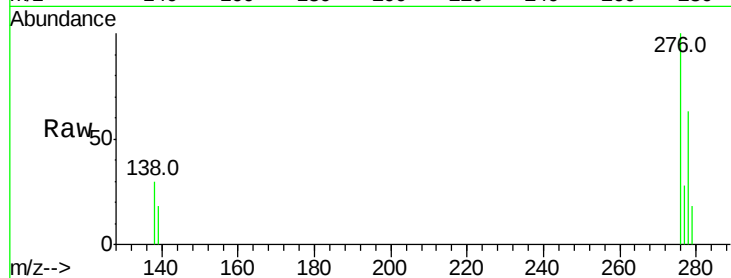




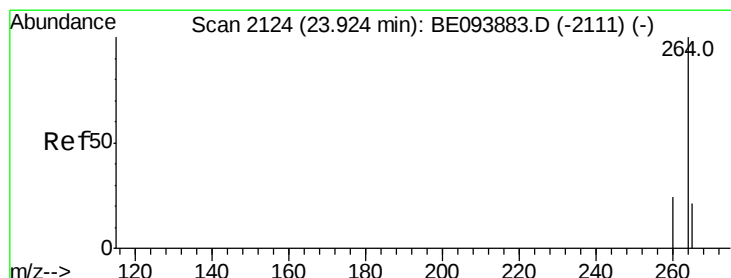
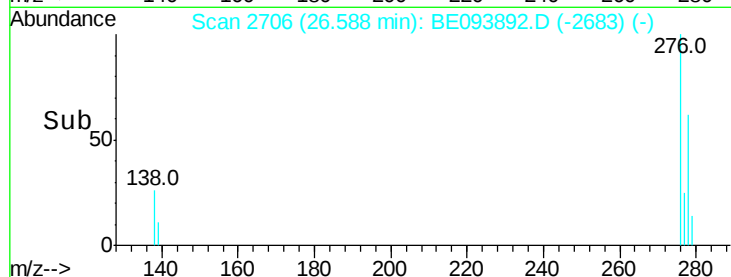
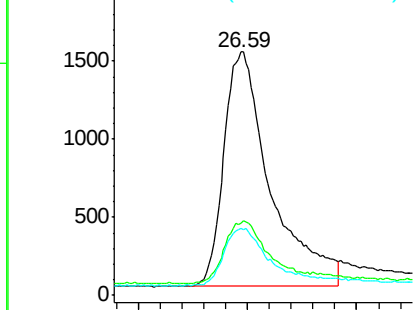
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.299 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. 0.01 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 8884
 Ion Ratio Lower Upper
 276 100
 138 25.4 22.2 33.2
 277 24.5 19.5 29.3

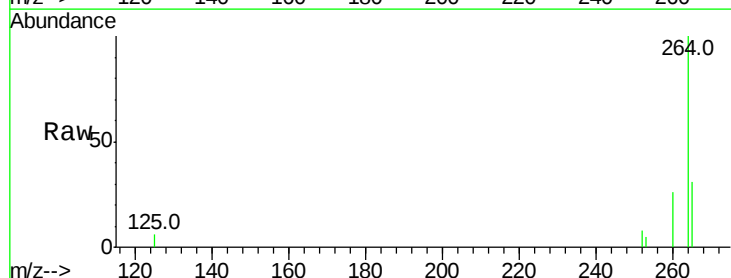


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

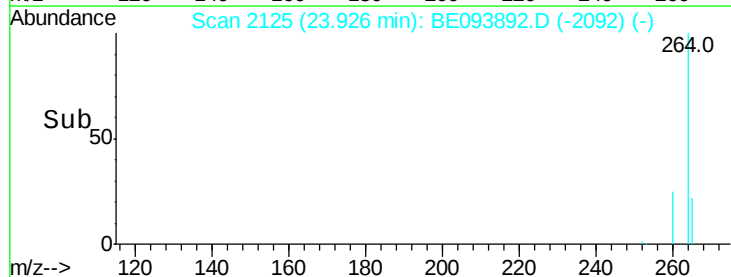
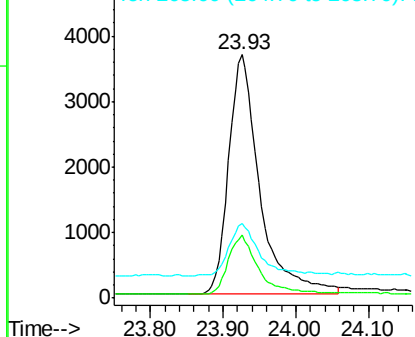


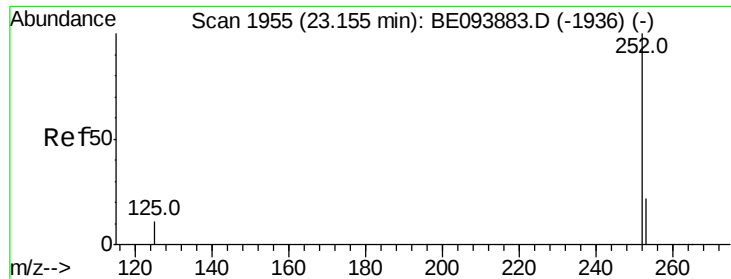
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BE093892.D
 Acq: 28 Aug 2017 11:36

Tgt Ion:264 Resp: 10907
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.0 30.0
 265 30.6 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: 0.298 ng

RT: 23.16 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :

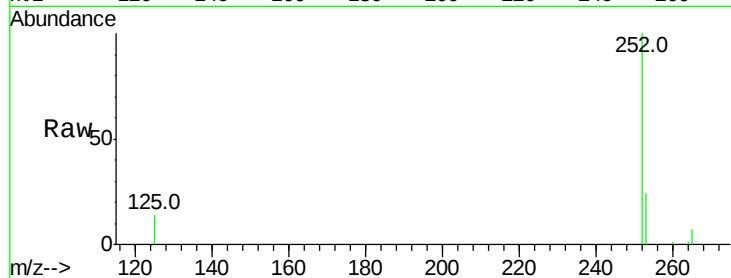
Tot Ion:252 Resp: 10372

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

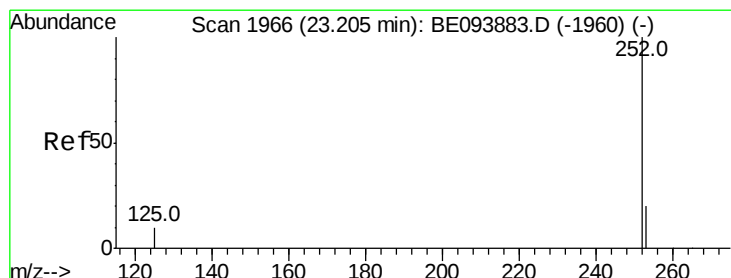
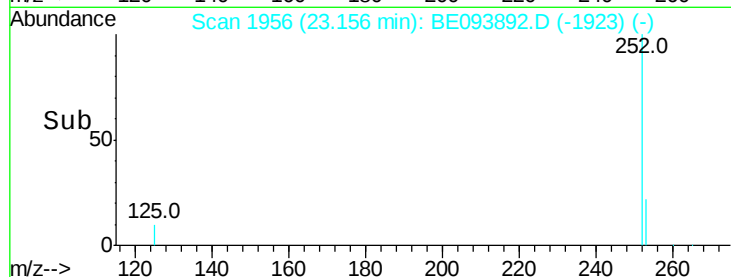
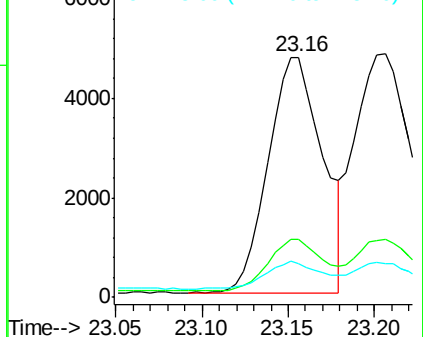
125 14.2 10.0 15.0



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: 0.311 ng

RT: 23.21 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

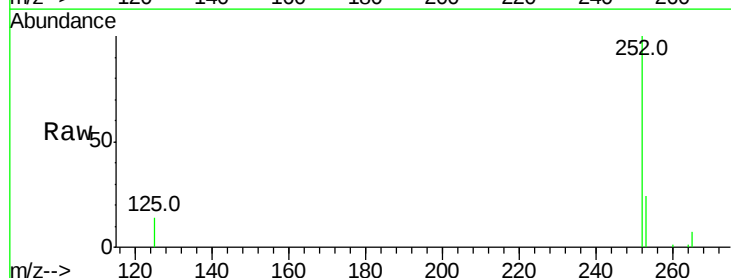
Tgt Ion:252 Resp: 12391

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

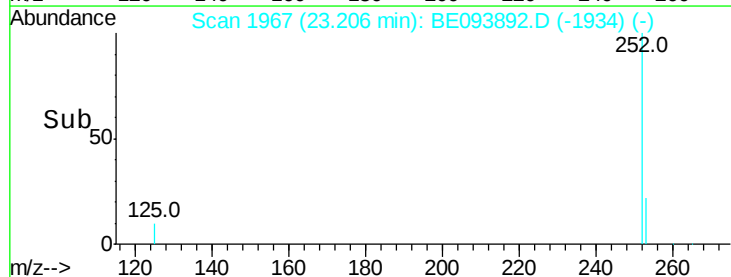
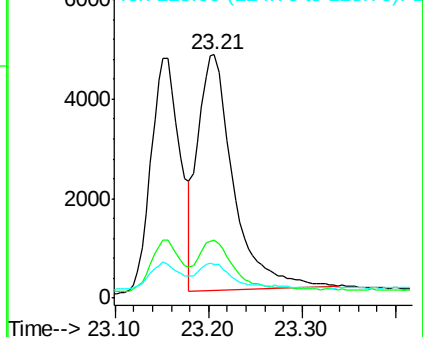
125 13.9 9.8 14.6

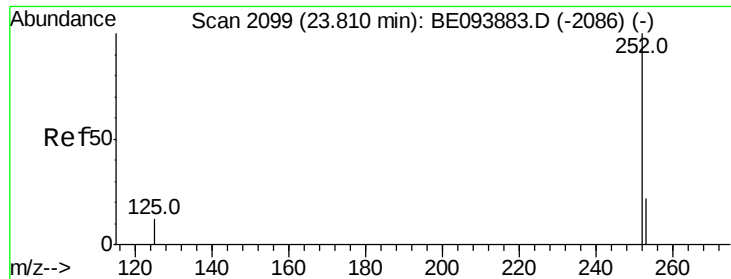


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

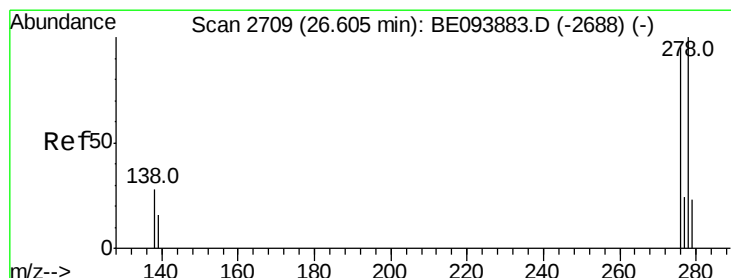
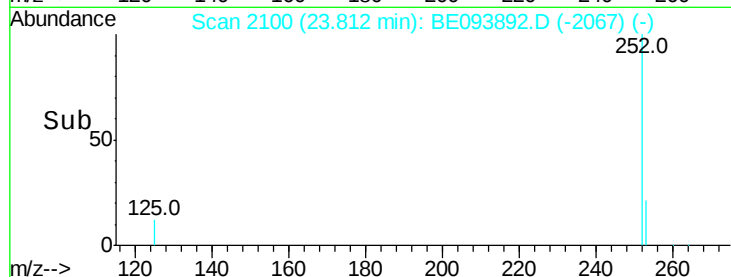
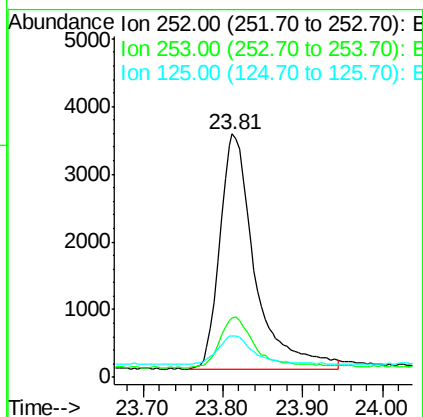
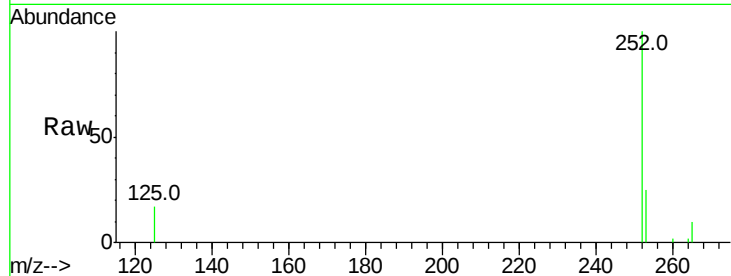




#37
Benzo(a)pyrene
Concen: 0.305 ng
RT: 23.81 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

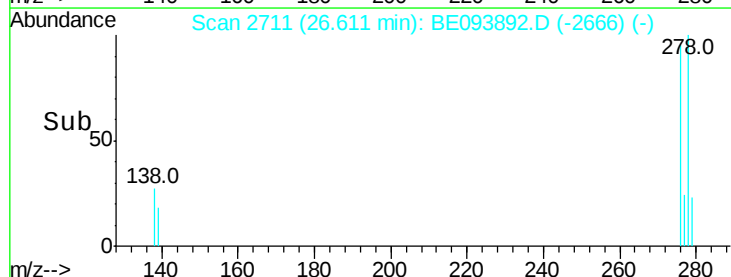
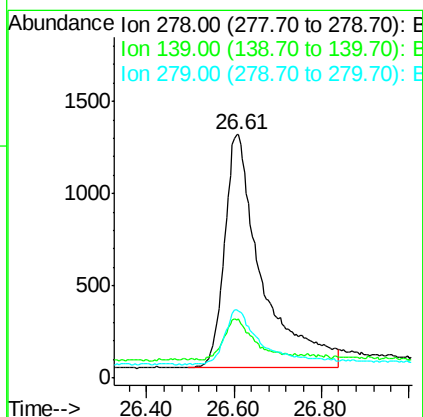
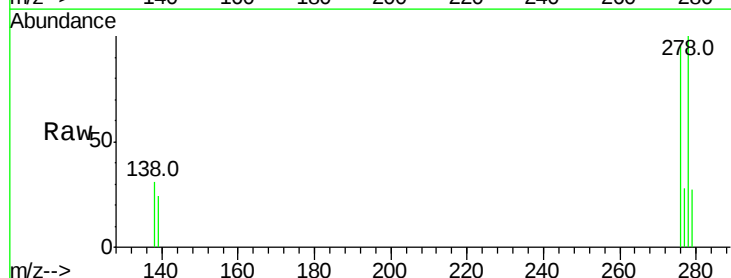
Instrument :
BNA_E
ClientSampleId :

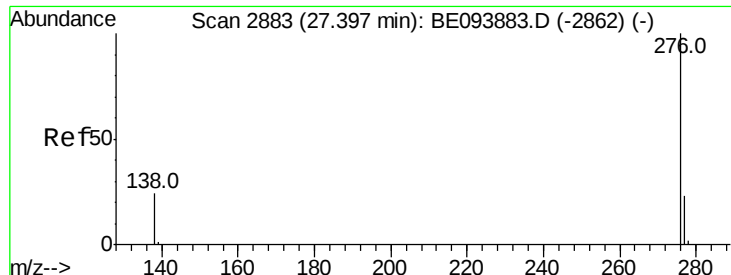
Tot Ion:252 Resp: 10544
Ion Ratio Lower Upper
252 100
253 24.6 19.6 29.4
125 17.1 11.8 17.8



#38
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.01 min
Lab File: BE093892.D
Acq: 28 Aug 2017 11:36

Tgt Ion:278 Resp: 7415
Ion Ratio Lower Upper
278 100
139 24.5 16.7 25.1
279 27.3 21.6 32.4





#39

Benzo(a,h,i)perylene

Concen: 0.291 ng

RT: 27.40 min Scan# 2884

Delta R.T. 0.00 min

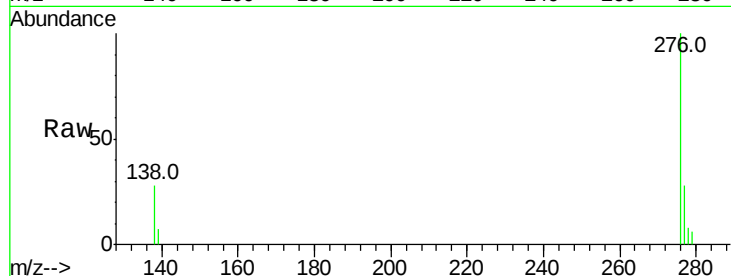
Lab File: BE093892.D

Acq: 28 Aug 2017 11:36

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 7744

Ion Ratio Lower Upper

276 100

277 27.7 20.6 30.8

138 28.3 21.9 32.9

Abundance Ion 276.00 (275.70 to 276.70): E
 2000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

