

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097376.D
 Acq On : 28 Aug 2018 12:32
 Operator : SJ/JU
 Sample : PB112378BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112378BSD

Quant Time: Aug 28 13:13:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1138	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4719	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2051	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	4603	0.40	ng	0.00
27) Chrysene-d12	20.97	240	4425	0.40	ng	0.00
34) Perylene-d12	23.21	264	4795	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1392	0.41	ng	0.00
5) Phenol-d6	6.60	99	1683	0.37	ng	0.00
8) Nitrobenzene-d5	8.52	82	1417	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3156	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	243	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3778	0.50	ng	0.00
25) Fluoranthene-d10	18.80	212	21040	0.40	ng	0.00
29) Terphenyl-d14	19.42	244	3449	0.42	ng	0.00

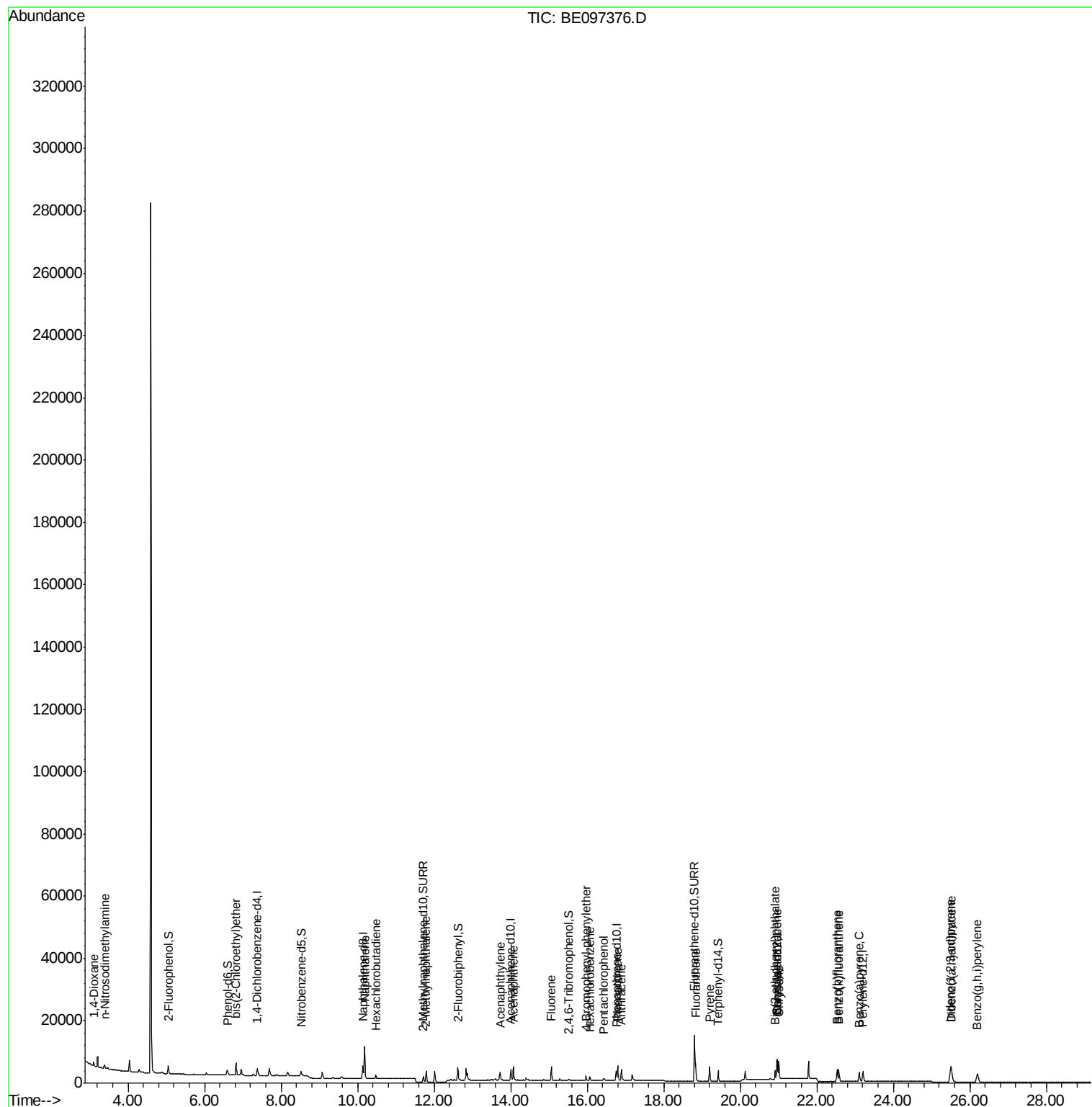
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	643	0.318	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	842	0.446	ng	# 89
6) bis(2-Chloroethyl)ether	6.83	93	1420	0.343	ng	97
9) Naphthalene	10.18	128	17968	0.418	ng	100
10) Hexachlorobutadiene	10.47	225	744	0.387	ng	96
12) 2-Methylnaphthalene	11.79	142	2678	0.395	ng	98
16) Acenaphthylene	13.73	152	3214	0.394	ng	99
17) Acenaphthene	14.07	154	2193	0.403	ng	96
18) Fluorene	15.06	166	2626	0.382	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	838	0.400	ng	# 76
21) Hexachlorobenzene	16.08	284	966	0.417	ng	# 82
22) Pentachlorophenol	16.43	266	415	0.665	ng	# 76
23) Phenanthrene	16.80	178	4644	0.424	ng	98
24) Anthracene	16.89	178	3854	0.413	ng	96
26) Fluoranthene	18.83	202	5100	0.371	ng	98
28) Pyrene	19.20	202	4894	0.465	ng	99
30) Benzo(a)anthracene	20.95	228	4344	0.388	ng	97
31) Chrysene	21.00	228	5168	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	3992	0.336	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.50	276	7467	0.515	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	5223	0.406	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	5648	0.397	ng	94
37) Benzo(a)pyrene	23.11	252	5016	0.405	ng	# 91
38) Dibenzo(a,h)anthracene	25.52	278	6422	0.444	ng	96
39) Benzo(g,h,i)perylene	26.20	276	6683	0.453	ng	# 89

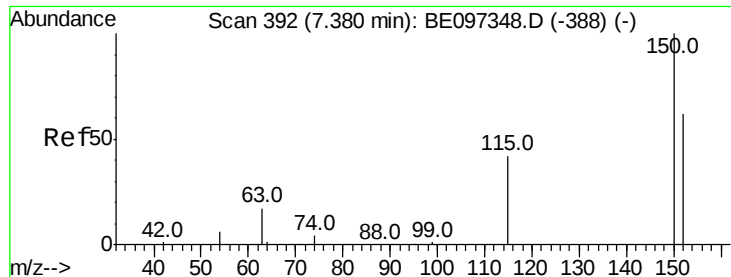
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097376.D
Acq On : 28 Aug 2018 12:32
Operator : SJ/JU
Sample : PB112378BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB112378BSD

Quant Time: Aug 28 13:13:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



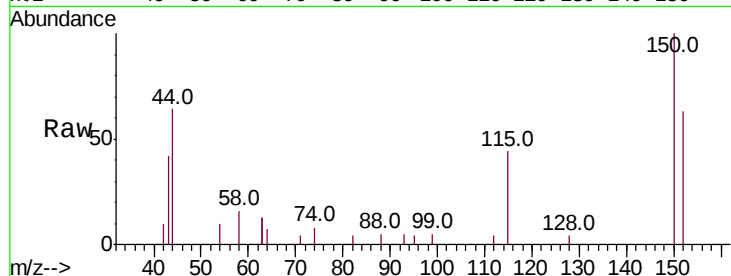


#1

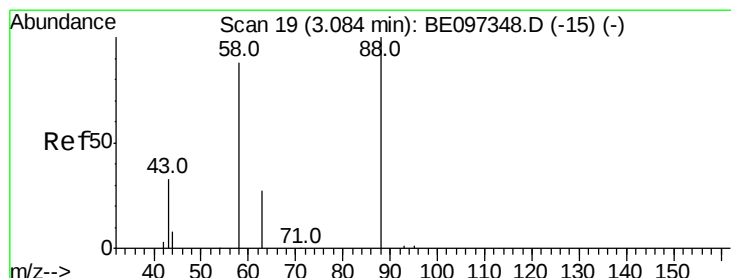
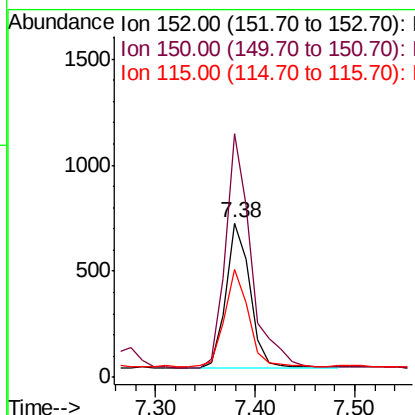
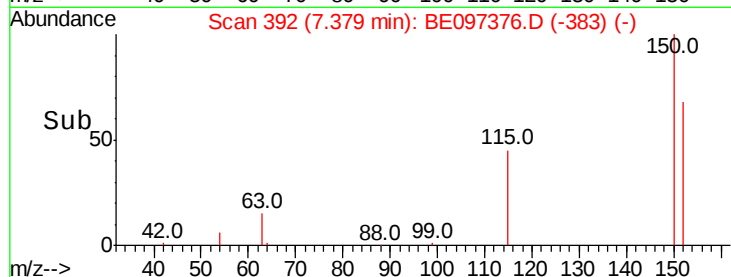
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :
PB112378BSD

Tot Ion:152 Resp: 1138
Ion Ratio Lower Upper
152 100
150 157.8 117.2 175.8
115 70.0 57.0 85.6



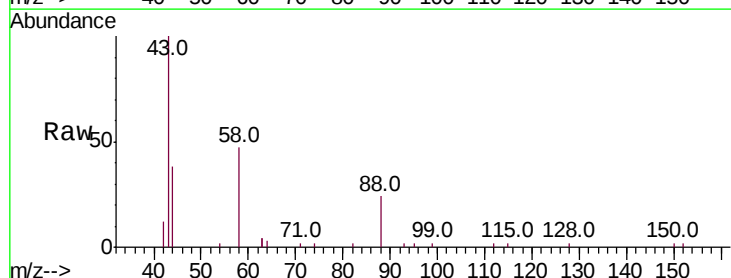
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



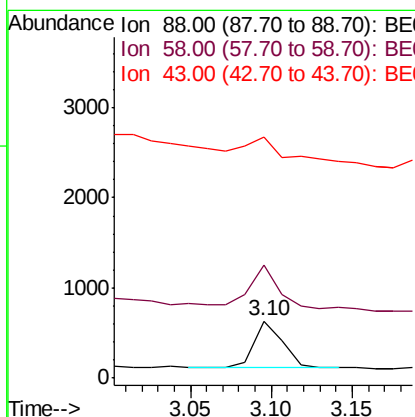
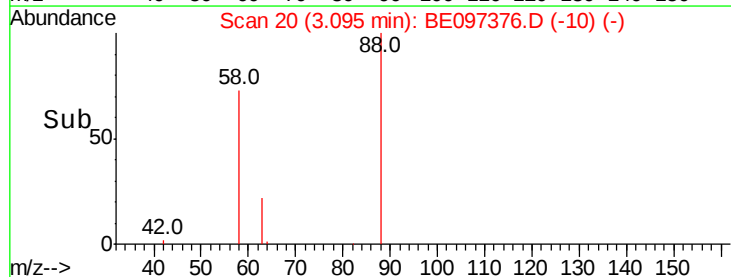
#2

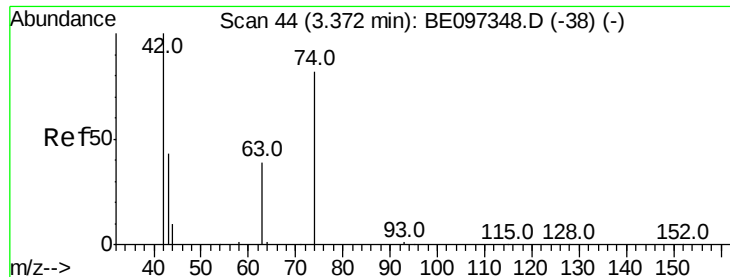
1,4-Dioxane
Concen: 0.318 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion: 88 Resp: 643
Ion Ratio Lower Upper
88 100
58 89.9 63.2 94.8
43 61.9 41.2 61.8#



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: 0.446 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

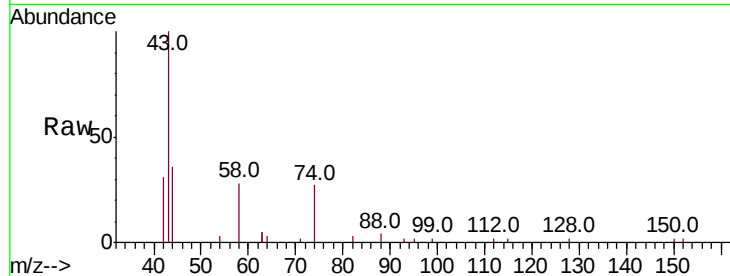
Tot Ion: 42 Resp: 842

Ion Ratio Lower Upper

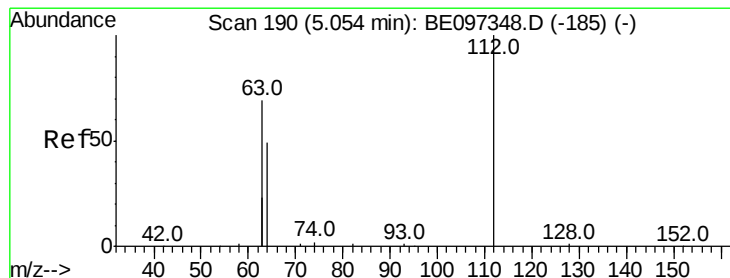
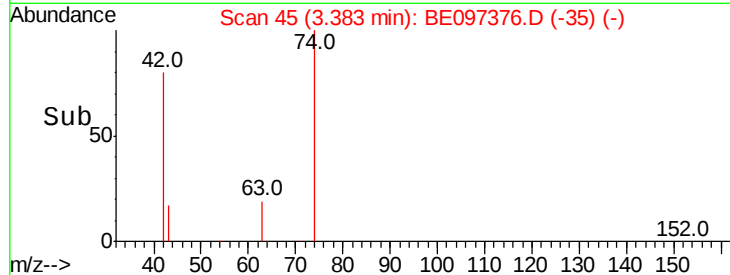
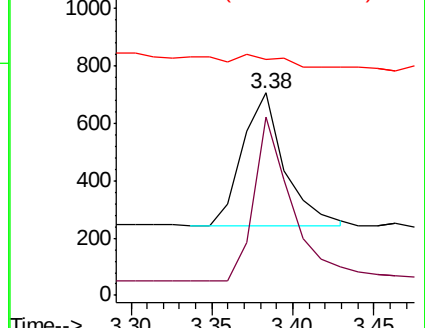
42 100

74 108.6 96.0 144.0

44 8.3 12.0 18.0#



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: 0.414 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

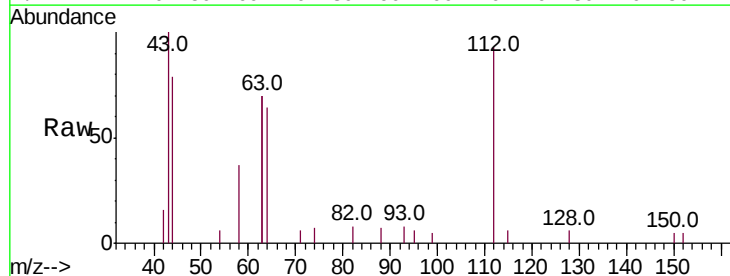
Tgt Ion: 112 Resp: 1392

Ion Ratio Lower Upper

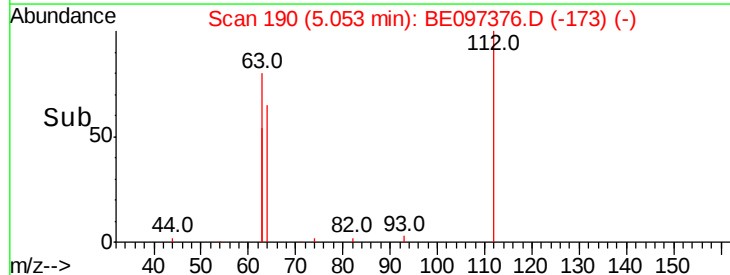
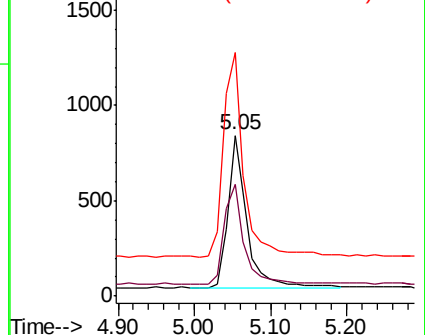
112 100

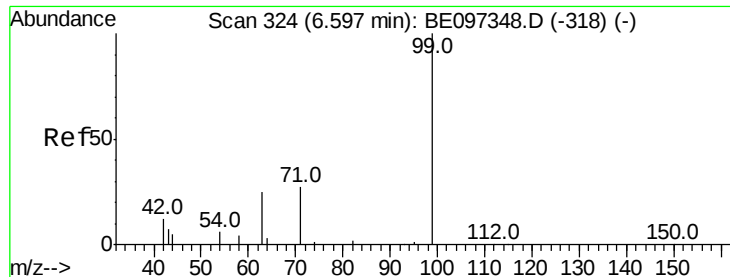
64 68.7 60.1 90.1

63 149.5 116.8 175.2



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: 0.374 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

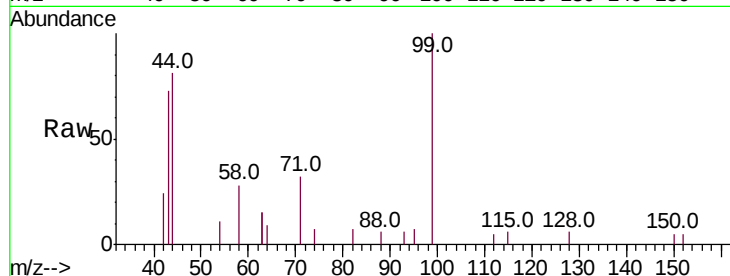
Tot Ion: 99 Resp: 1683

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

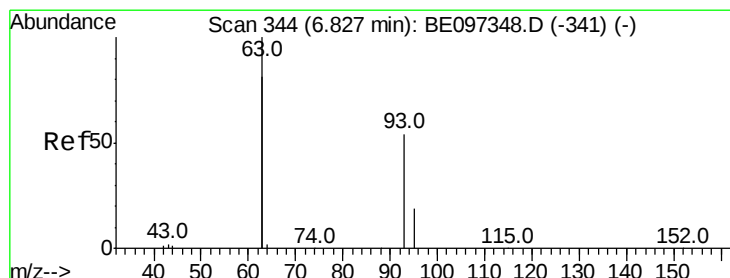
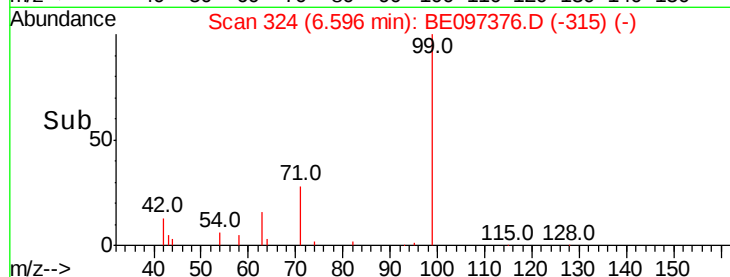
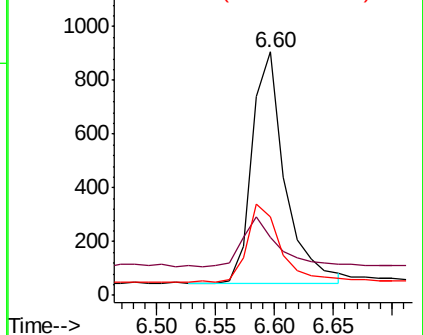
71 34.5 28.4 42.6



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: 0.343 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

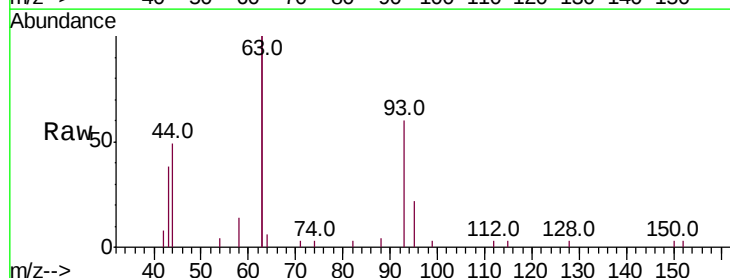
Tgt Ion: 93 Resp: 1420

Ion Ratio Lower Upper

93 100

63 337.4 275.3 412.9

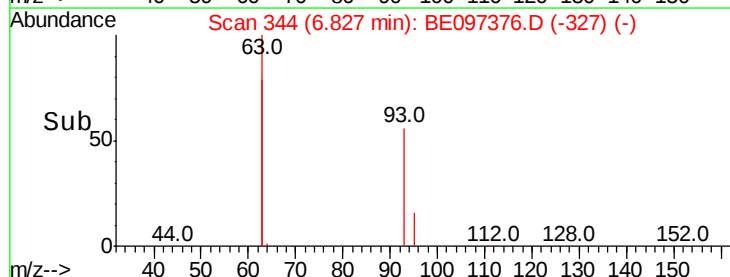
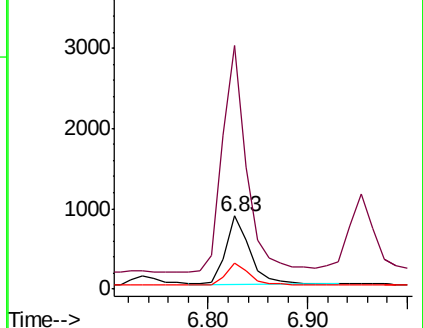
95 32.9 25.2 37.8

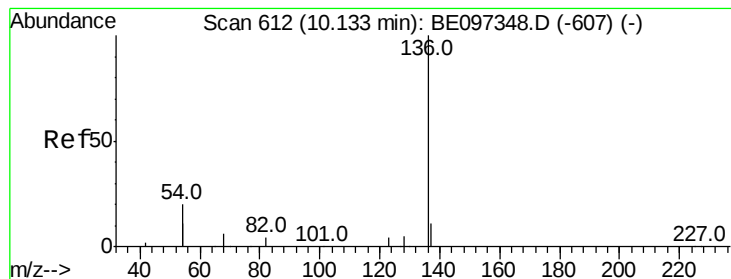


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

Tot Ion:136 Resp: 4719

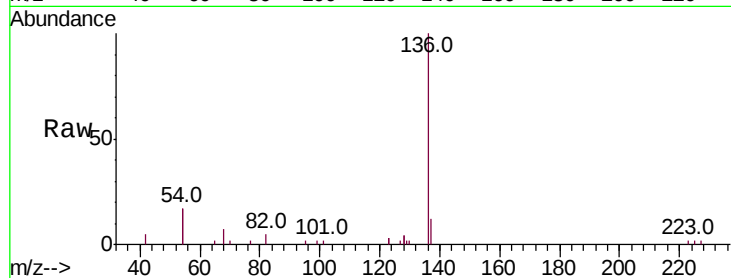
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 34.7 29.1 43.7

68 7.3 6.2 9.2

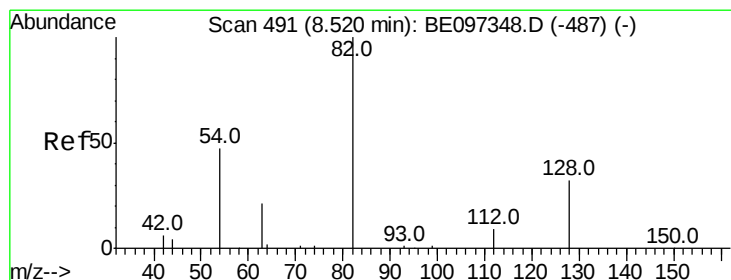
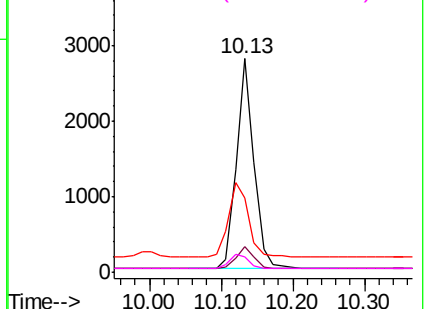
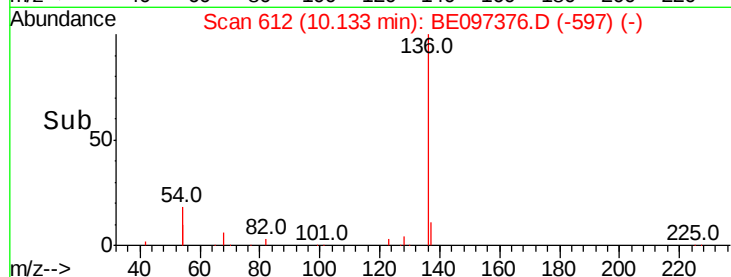


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.419 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

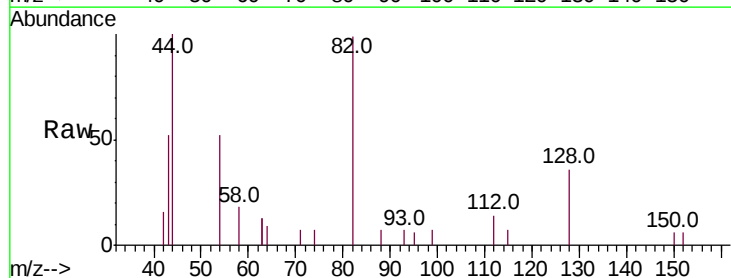
Tgt Ion: 82 Resp: 1417

Ion Ratio Lower Upper

82 100

128 36.3 24.0 36.0#

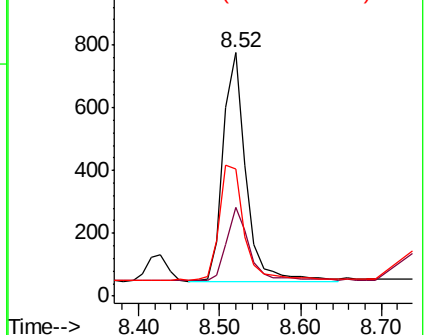
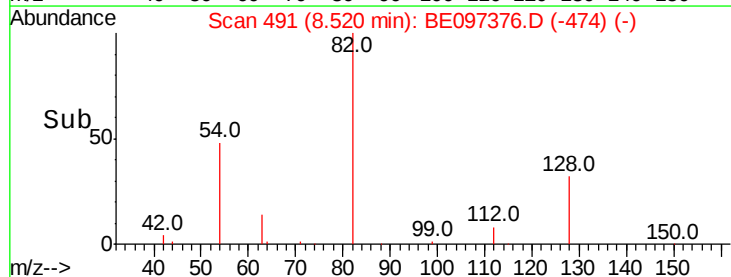
54 52.1 40.0 60.0

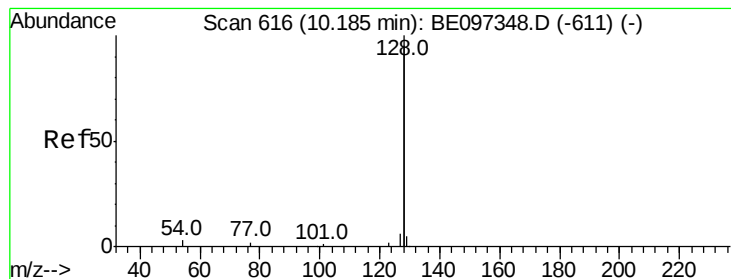


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.418 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

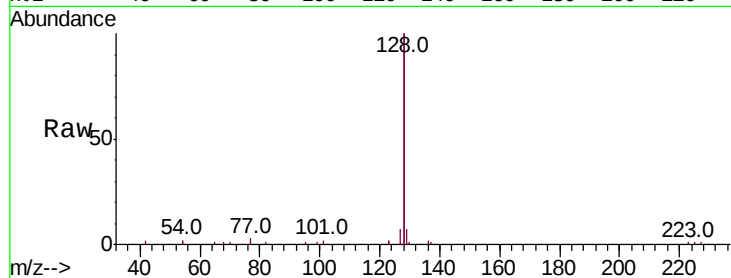
Tot Ion:128 Resp: 17968

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

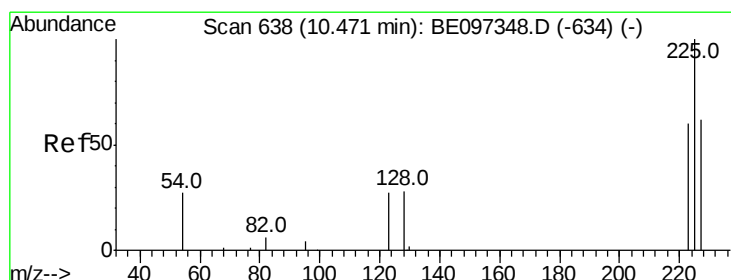
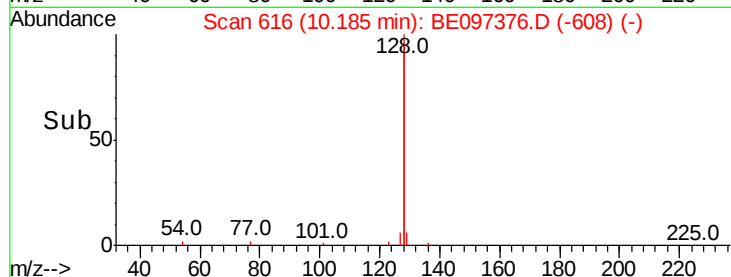
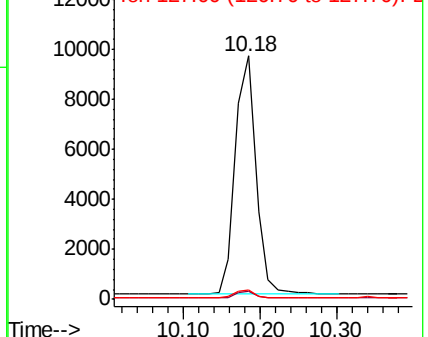
127 3.6 2.8 4.2



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: 0.387 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

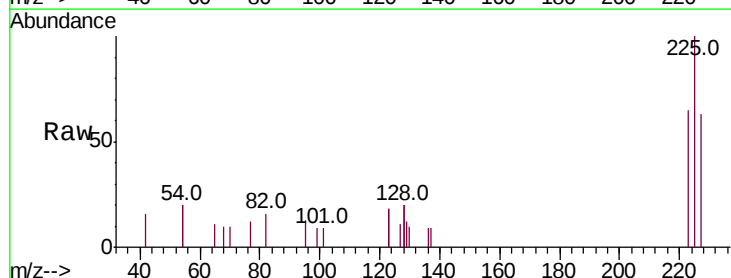
Tgt Ion:225 Resp: 744

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

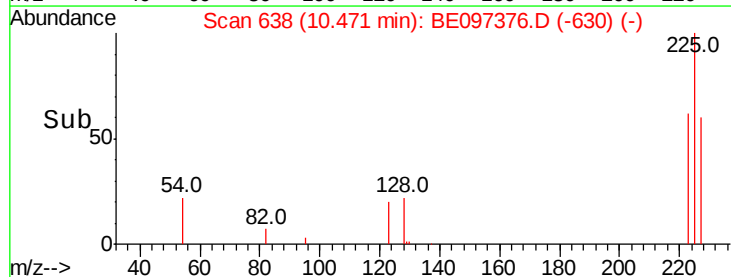
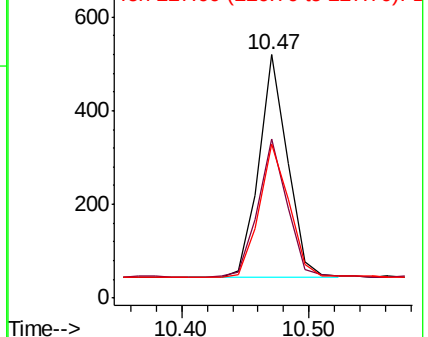
227 62.6 51.4 77.2

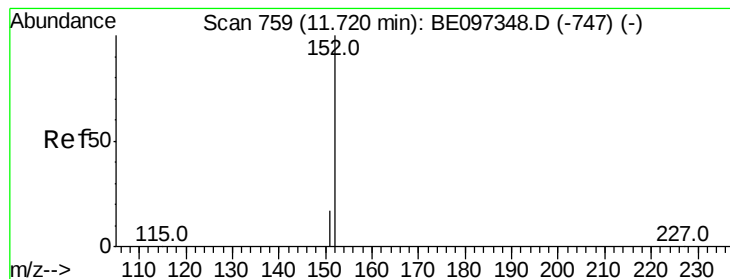


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.480 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

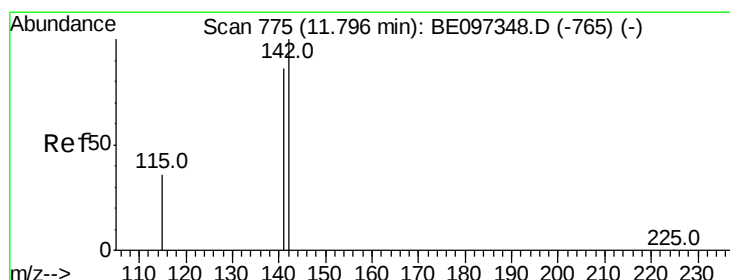
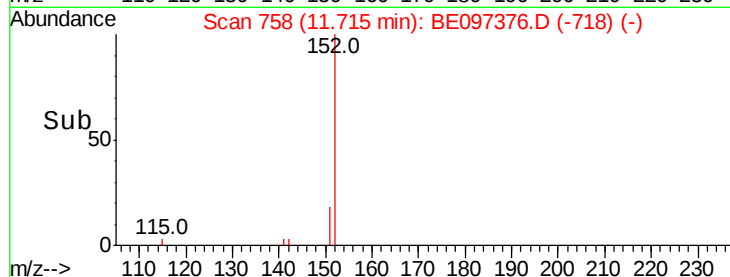
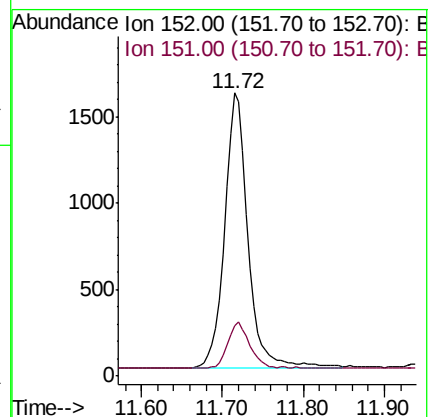
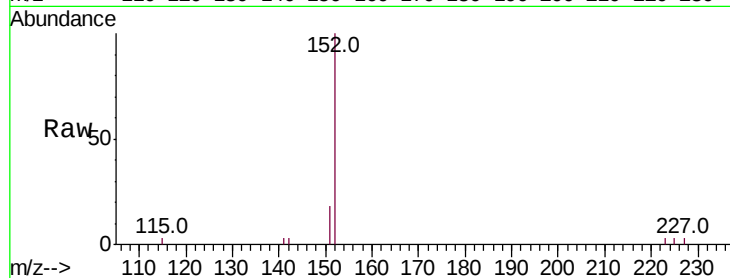
PB112378BSD

Tot Ion:152 Resp: 3156

Ion Ratio Lower Upper

152 100

151 15.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

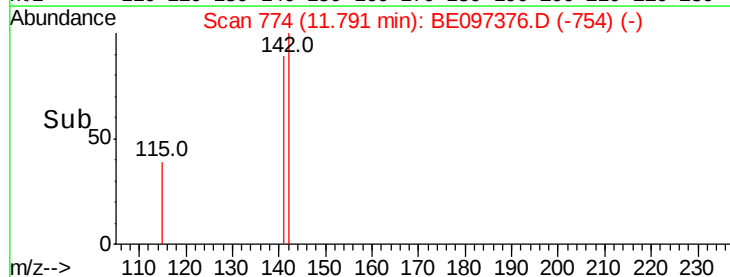
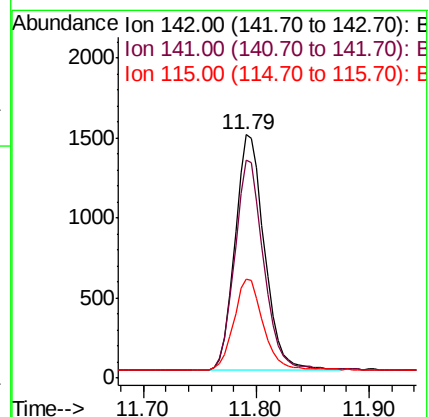
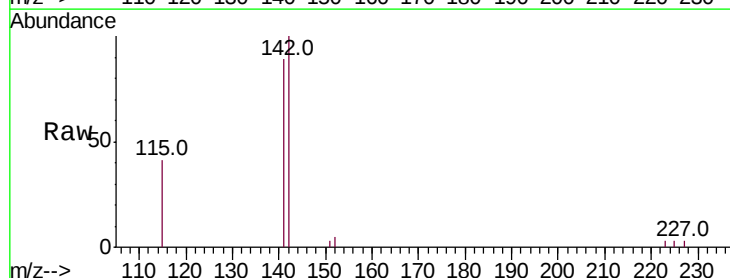
Tgt Ion:142 Resp: 2678

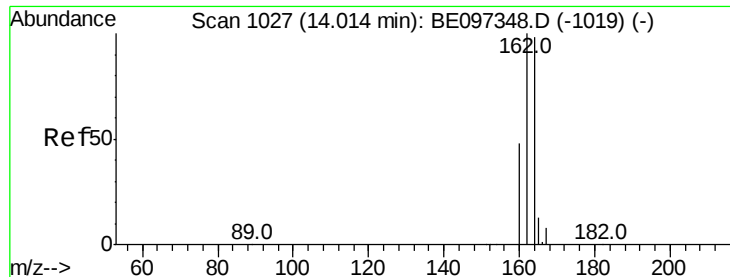
Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

115 40.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

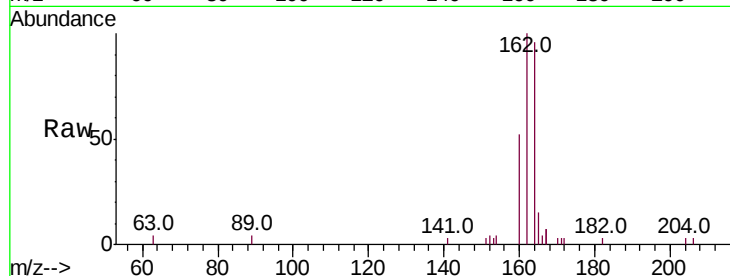
Tot Ion:164 Resp: 2051

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

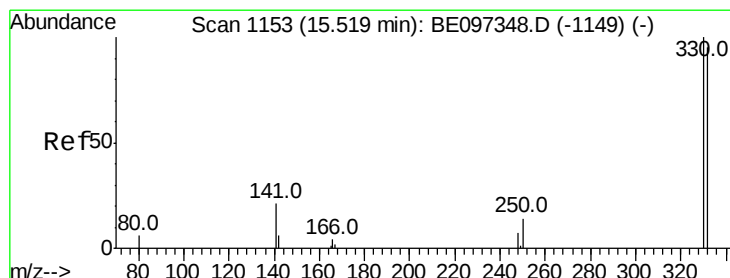
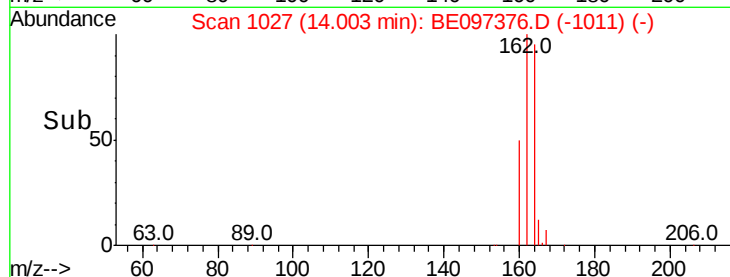
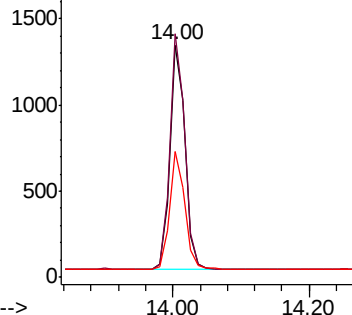
160 54.3 37.1 55.7



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: 0.350 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

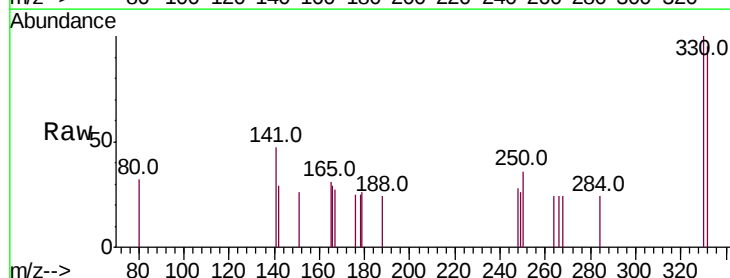
Tgt Ion:330 Resp: 243

Ion Ratio Lower Upper

330 100

332 92.2 152.7 229.1#

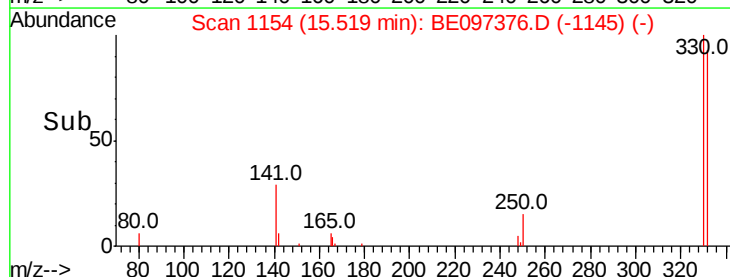
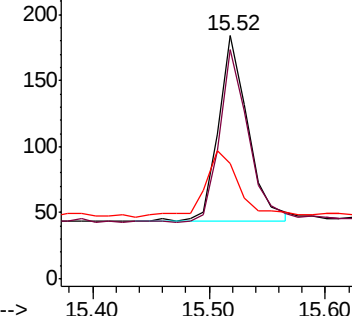
141 44.0 33.7 50.5

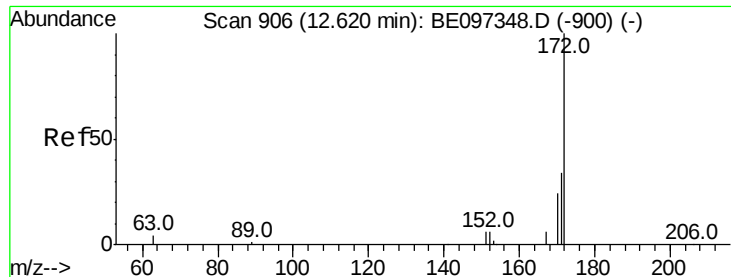


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

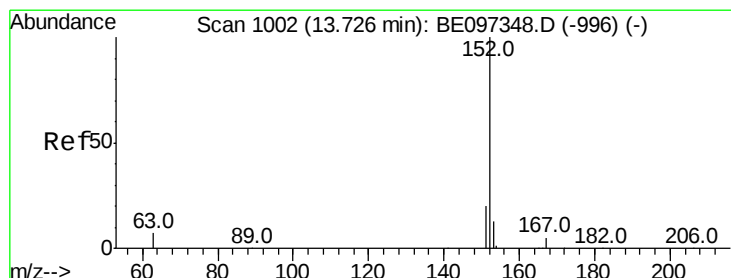
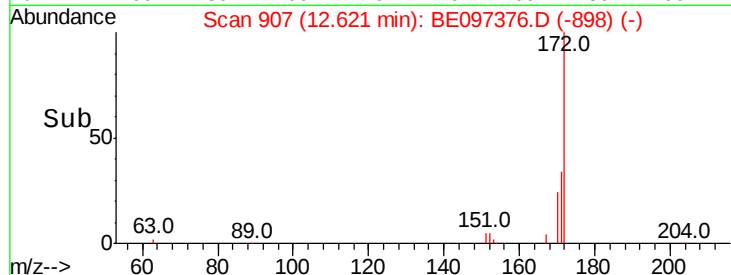
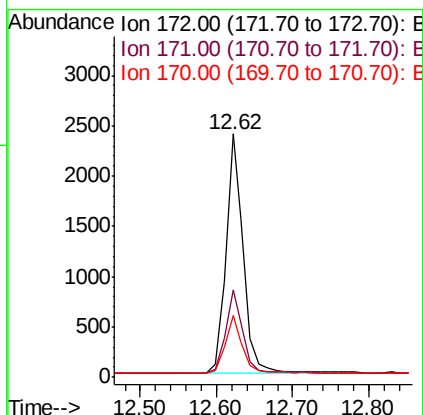
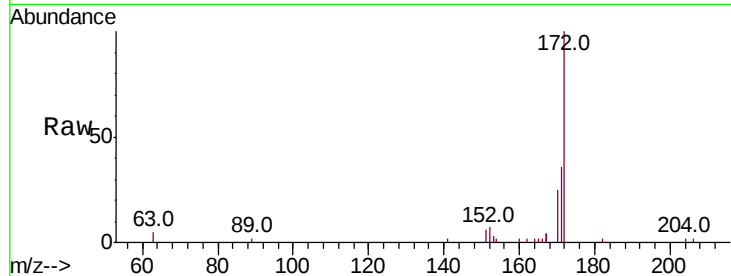




#15
2-Fluorobiphenyl
Concen: 0.502 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

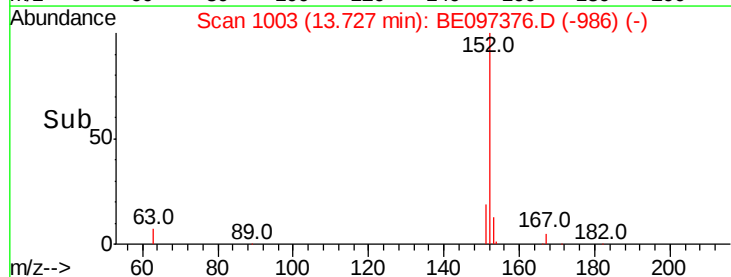
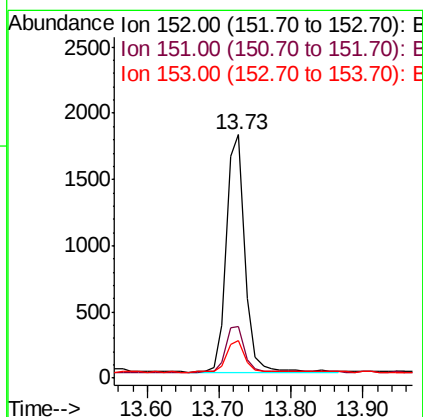
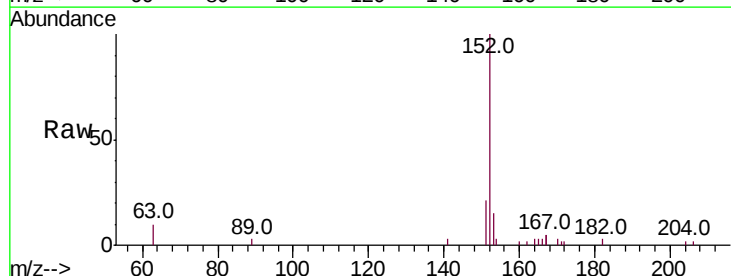
Instrument :
BNA_E
ClientSampleId :
PB112378BSD

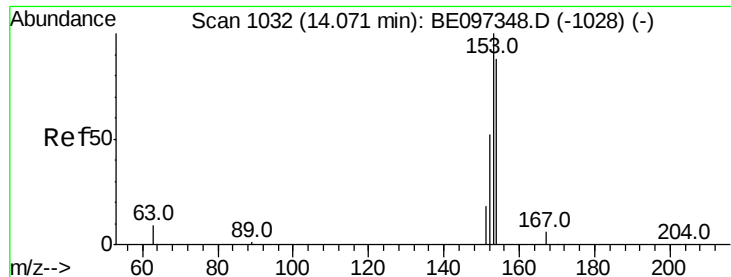
Tot Ion:172 Resp: 3778
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 25.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

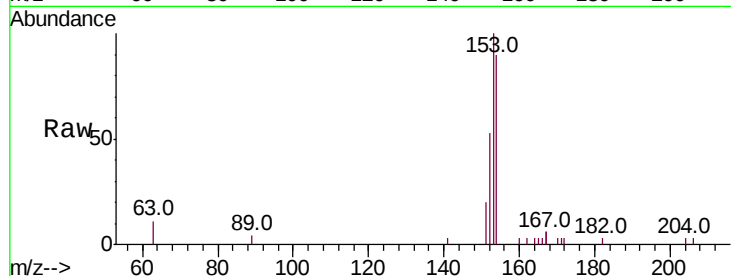
Tot Ion:154 Resp: 2193

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

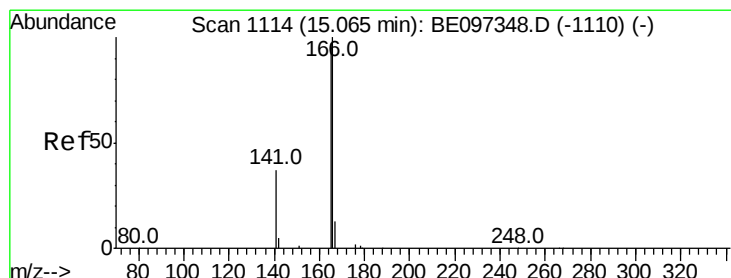
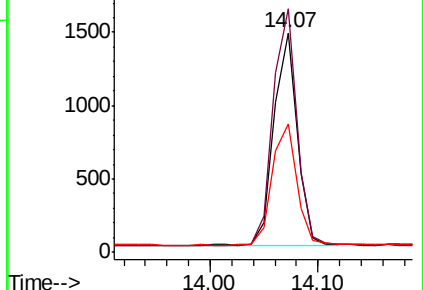
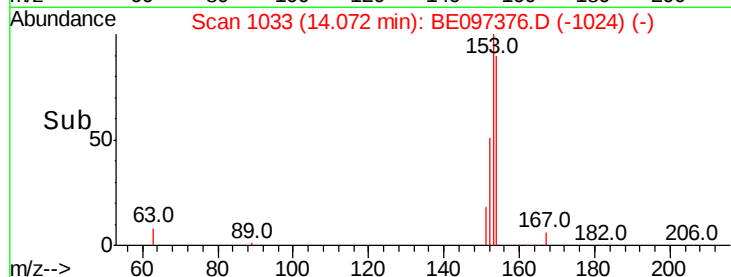
152 59.7 42.0 63.0



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: 0.382 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

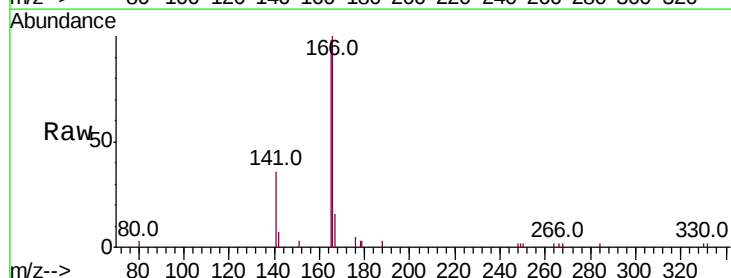
Tgt Ion:166 Resp: 2626

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

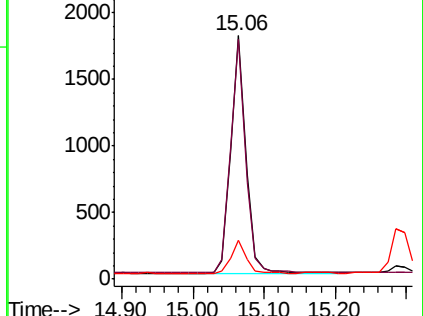
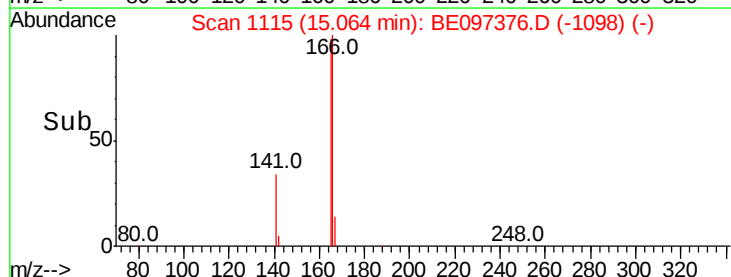
167 13.8 42.4 63.6#

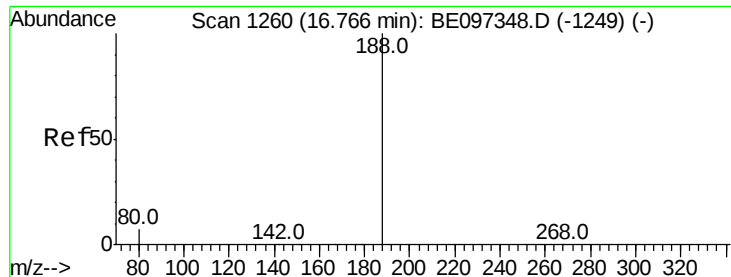


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

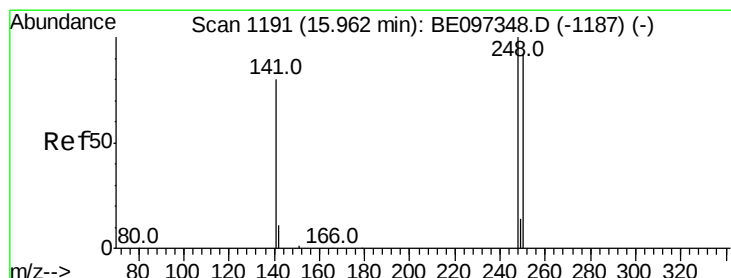
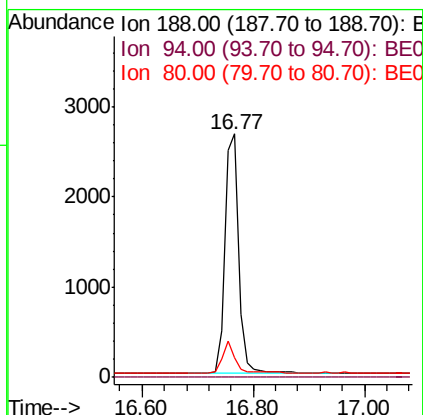
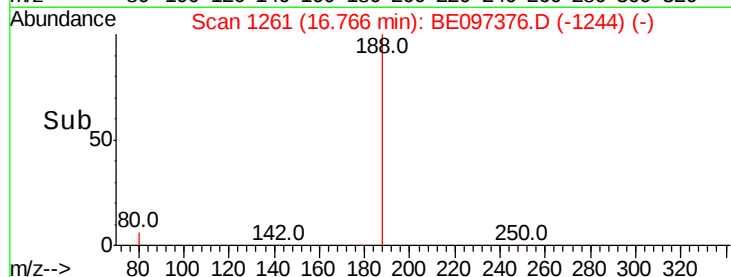
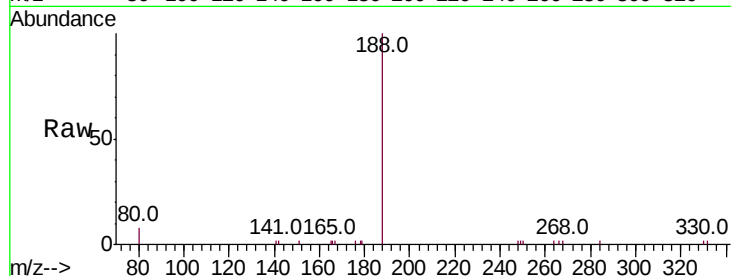
Tot Ion:188 Resp: 4603

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.3 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

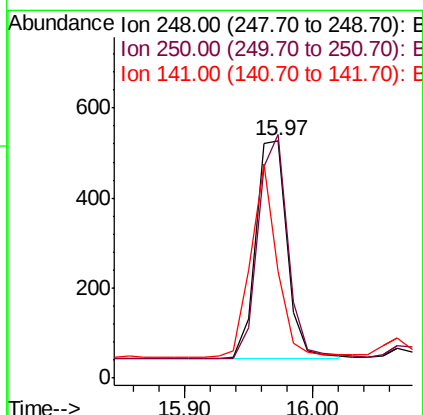
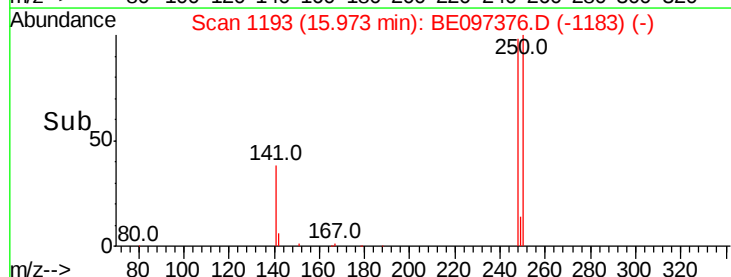
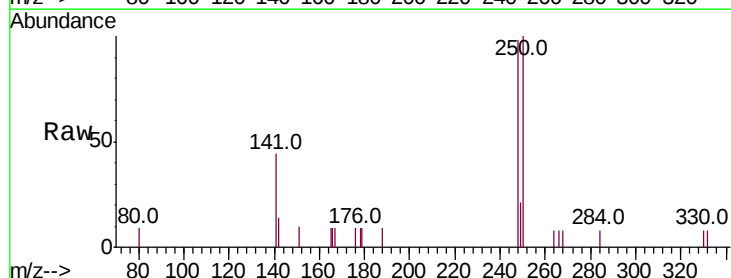
Tgt Ion:248 Resp: 838

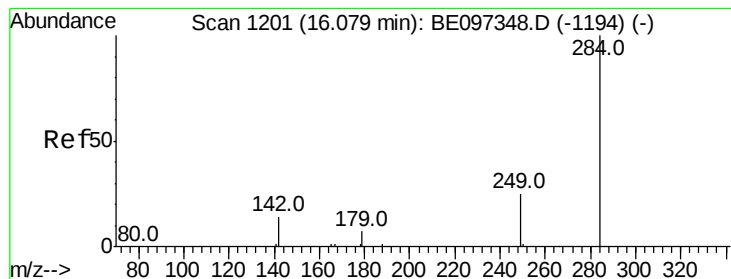
Ion Ratio Lower Upper

248 100

250 102.5 62.7 94.1#

141 44.9 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

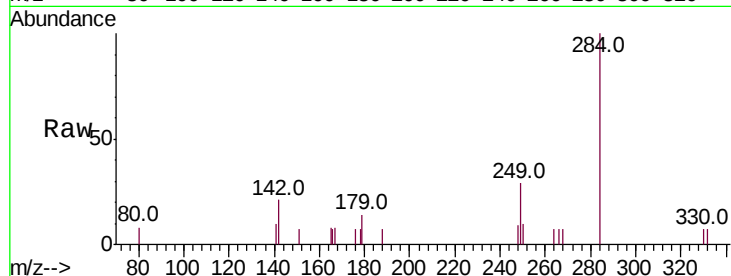
Tot Ion:284 Resp: 966

Ion Ratio Lower Upper

284 100

142 34.5 22.1 33.1#

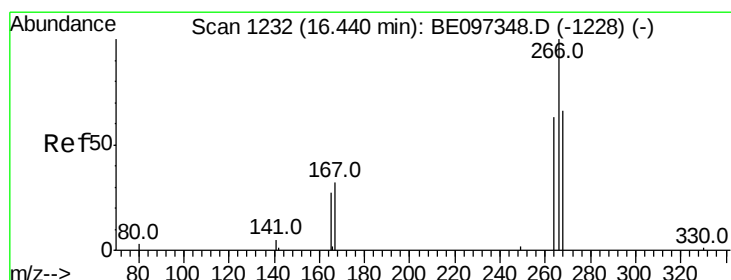
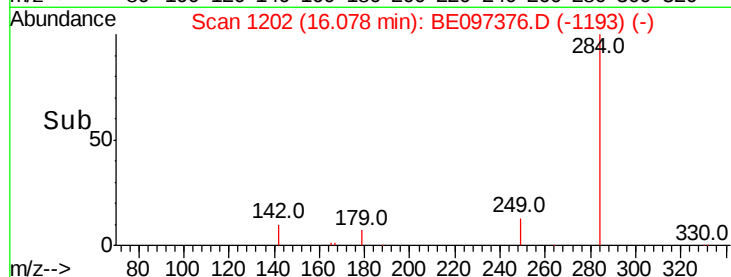
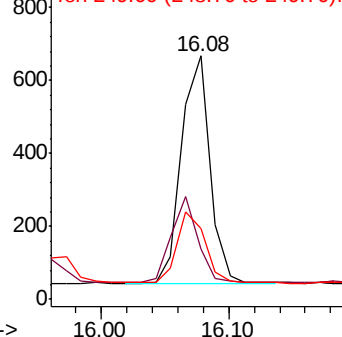
249 30.3 34.8 52.2#



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: 0.665 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

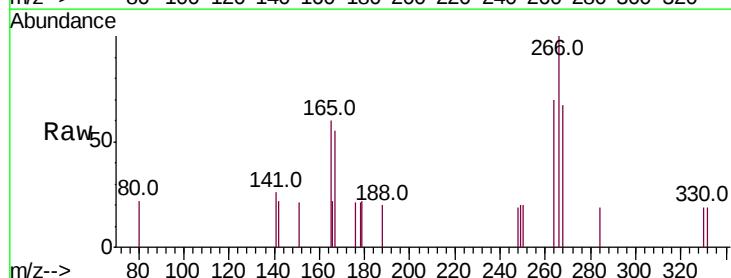
Tgt Ion:266 Resp: 415

Ion Ratio Lower Upper

266 100

264 70.3 72.5 108.7#

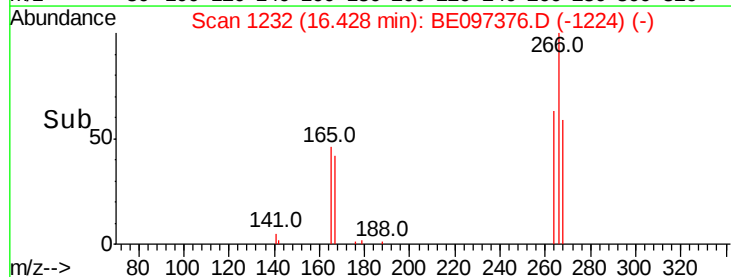
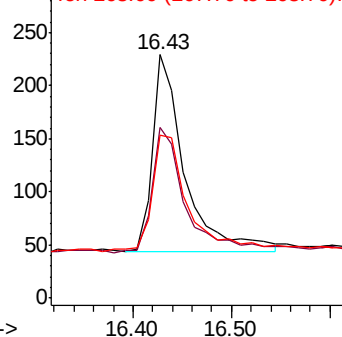
268 66.8 73.8 110.6#

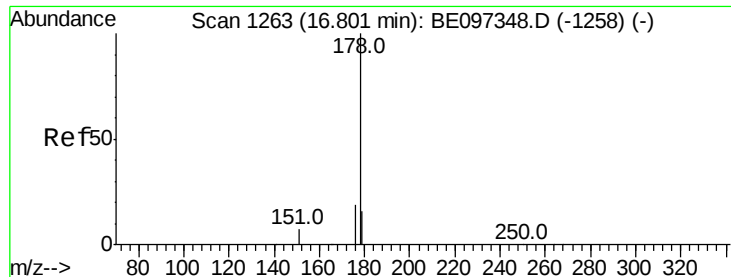


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

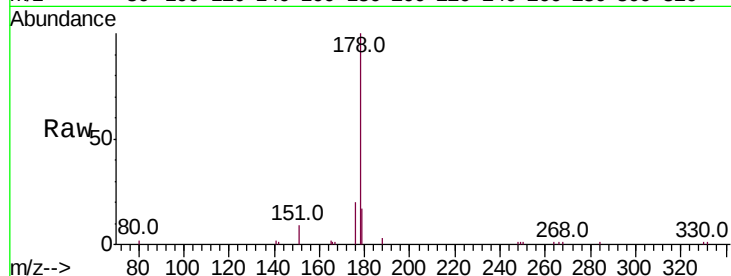
Tot Ion:178 Resp: 4644

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

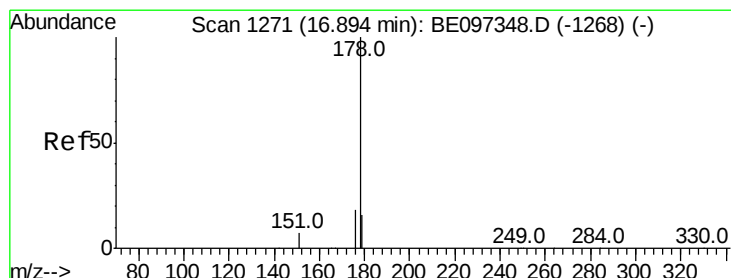
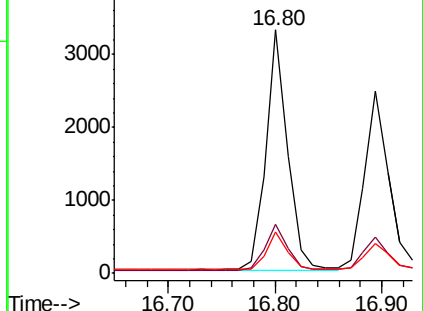
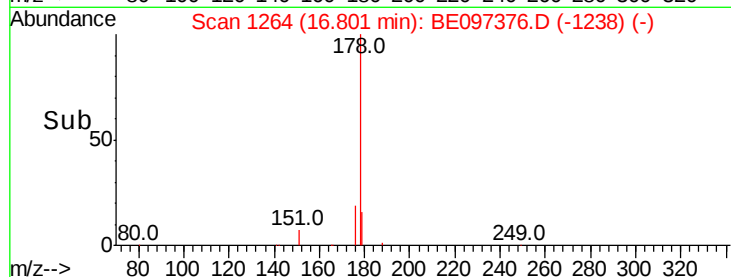
179 15.6 11.8 17.6



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: 0.413 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

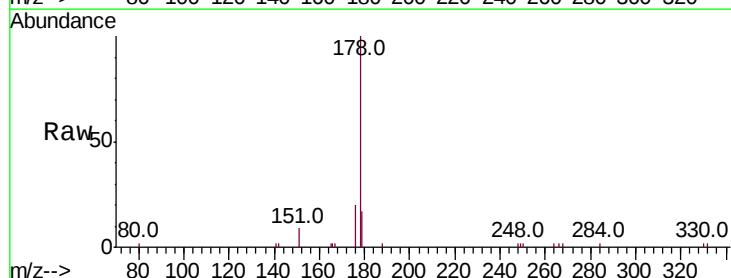
Tgt Ion:178 Resp: 3854

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

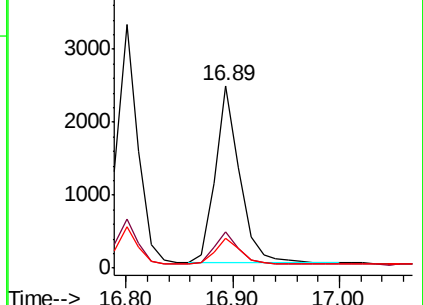
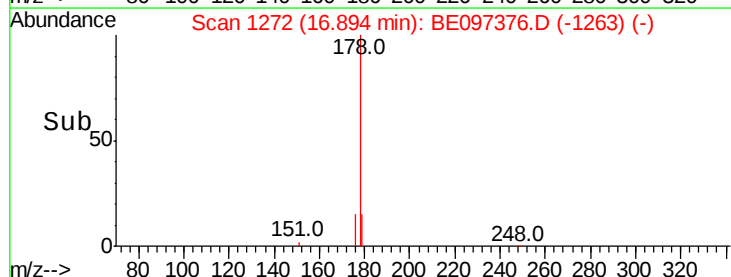
179 15.6 13.0 19.6

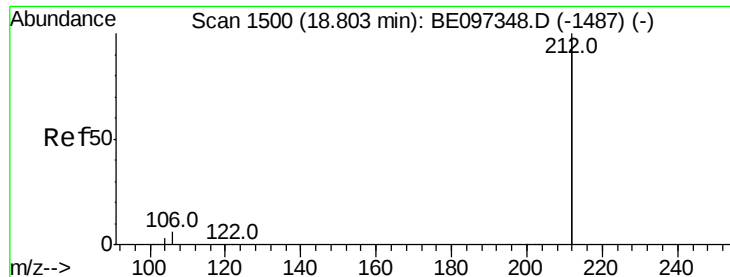


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

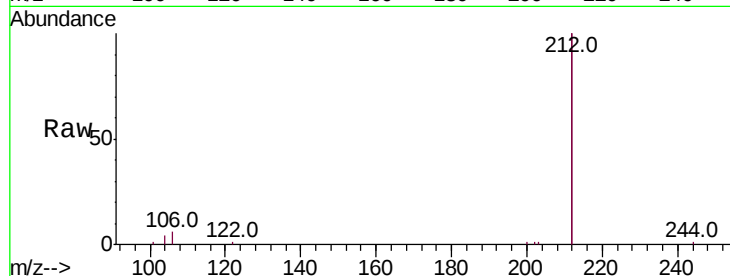
Tot Ion:212 Resp: 21040

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

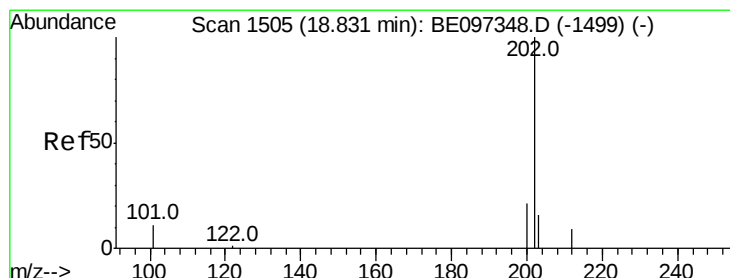
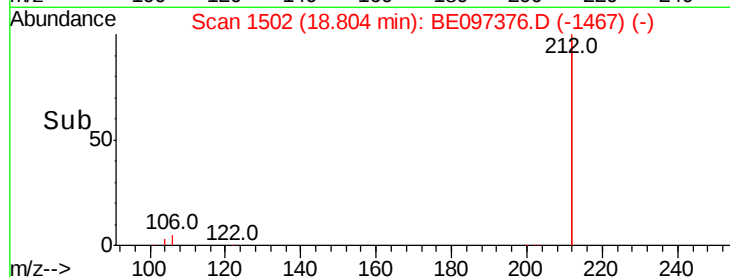
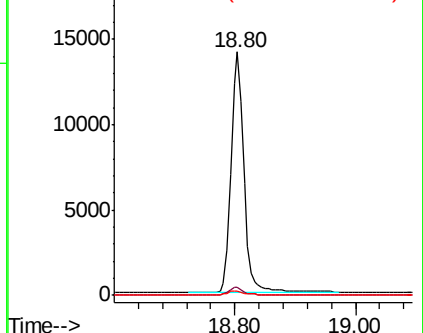
104 1.7 1.6 2.4



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: 0.371 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

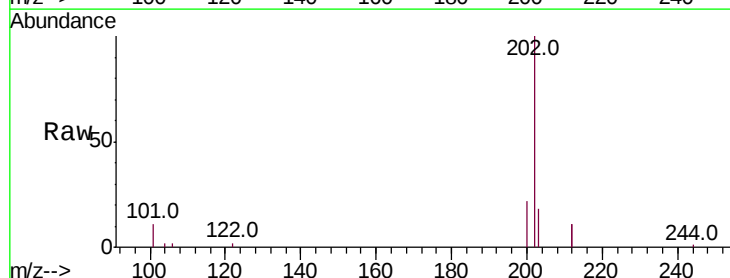
Tgt Ion:202 Resp: 5100

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

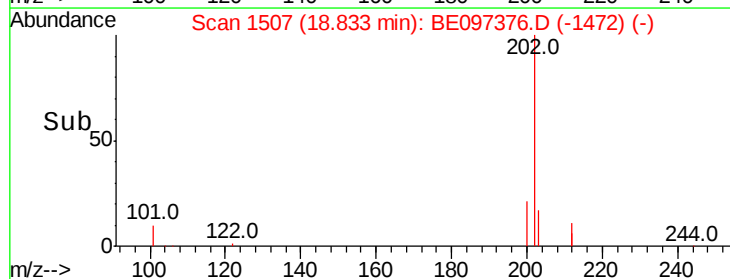
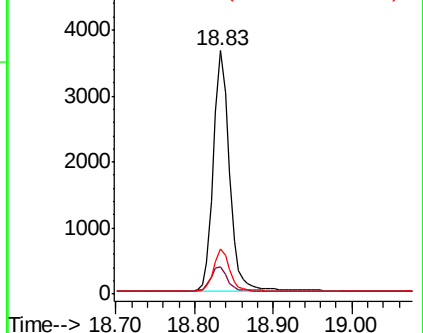
203 16.9 13.7 20.5

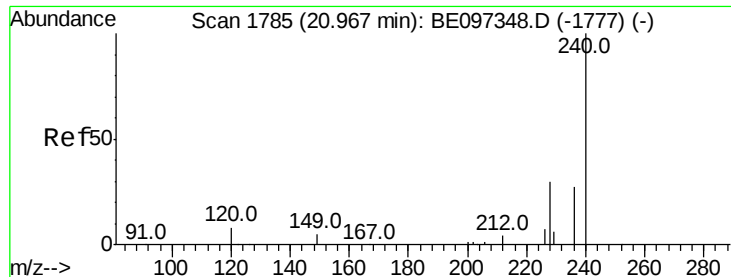


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

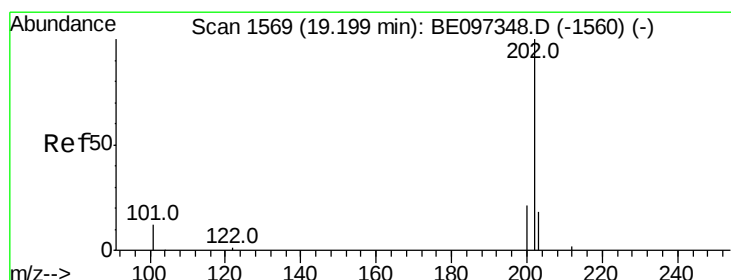
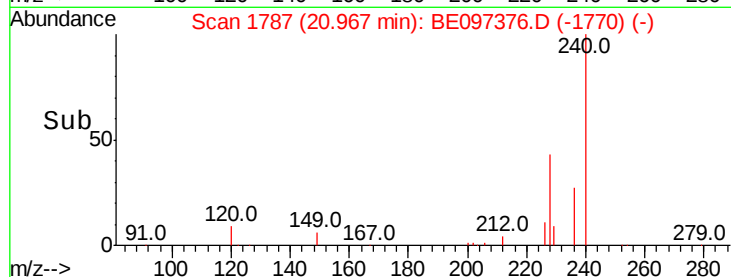
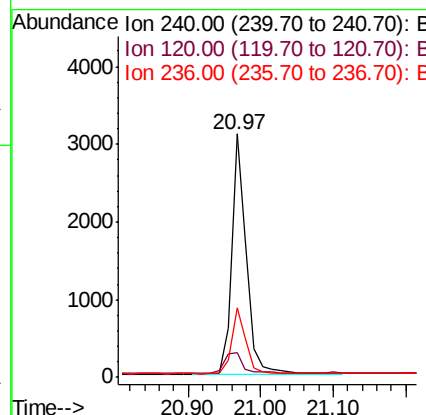
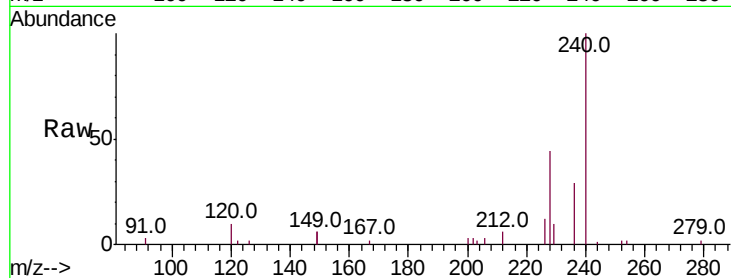




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097376.D
 Acq: 28 Aug 2018 12:32

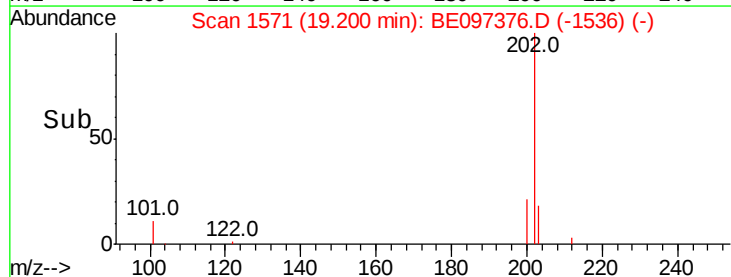
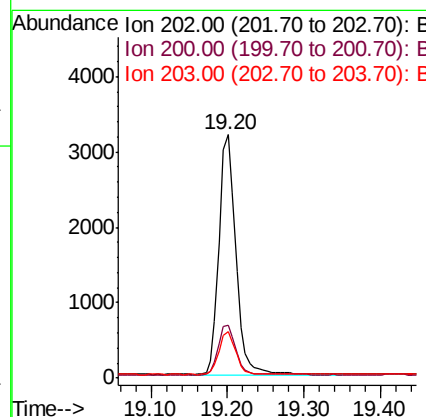
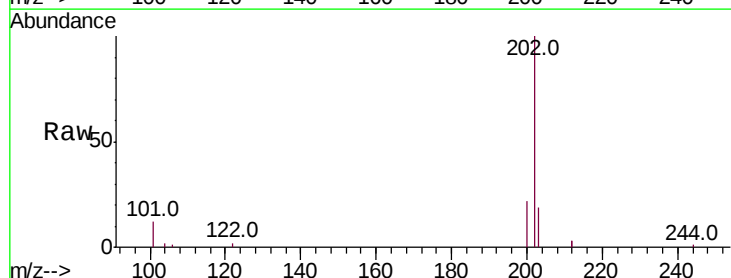
Instrument :
 BNA_E
 ClientSampleId :
 PB112378BSD

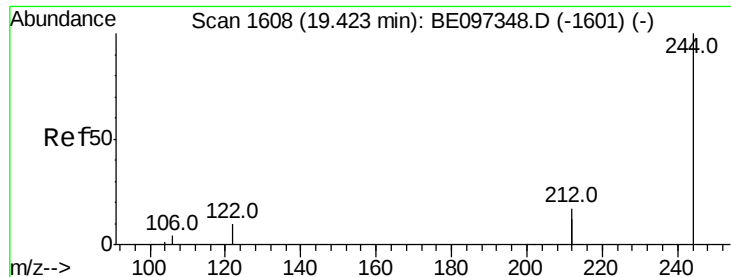
Tot Ion:240 Resp: 4425
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.5 8.3#
 236 28.5 20.7 31.1



#28
 Pyrene
 Concen: 0.465 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097376.D
 Acq: 28 Aug 2018 12:32

Tgt Ion:202 Resp: 4894
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 17.9 13.8 20.8





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.42 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

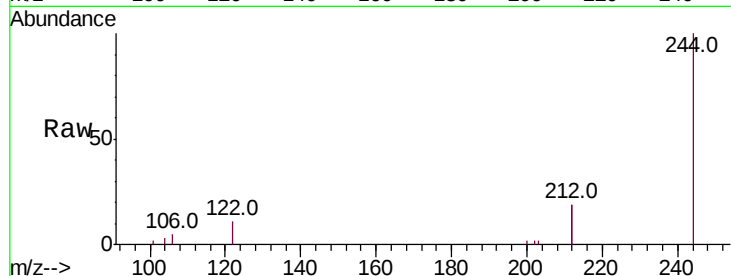
Tot Ion:244 Resp: 3449

Ion Ratio Lower Upper

244 100

212 37.0 25.4 38.0

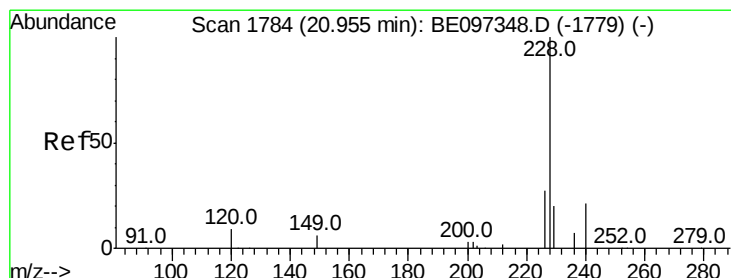
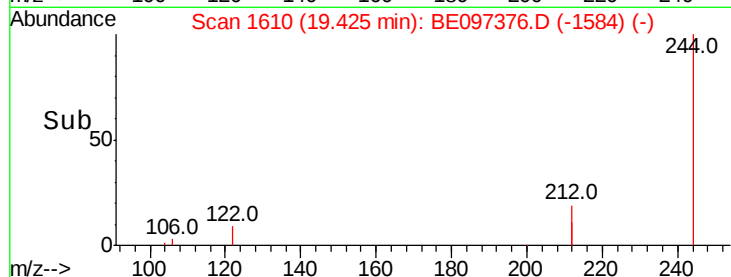
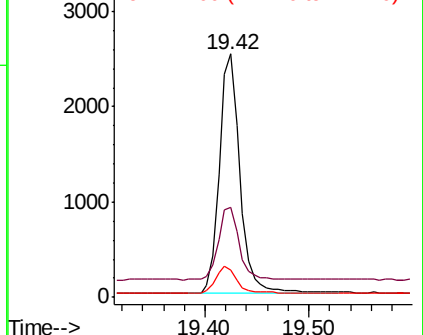
122 11.0 8.1 12.1



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: 0.388 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

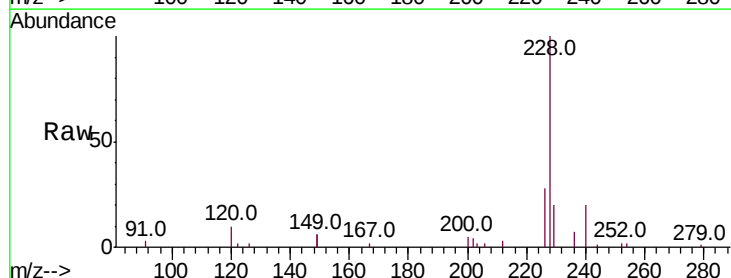
Tgt Ion:228 Resp: 4344

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

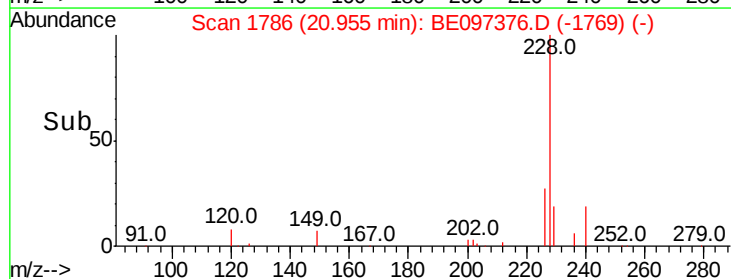
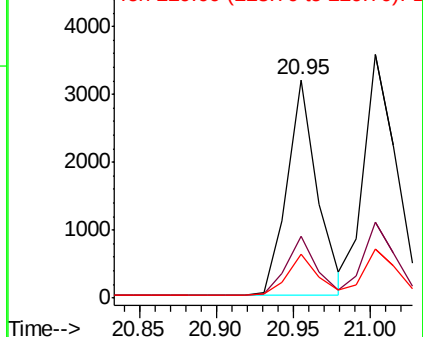
229 20.4 16.0 24.0

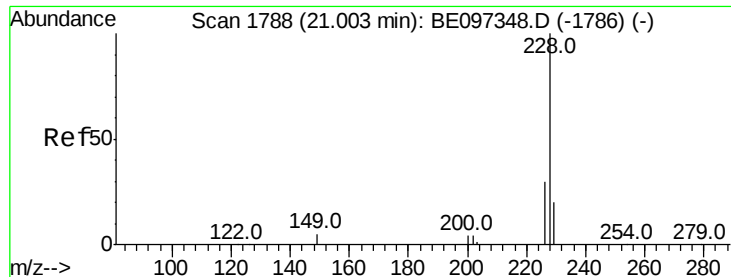


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

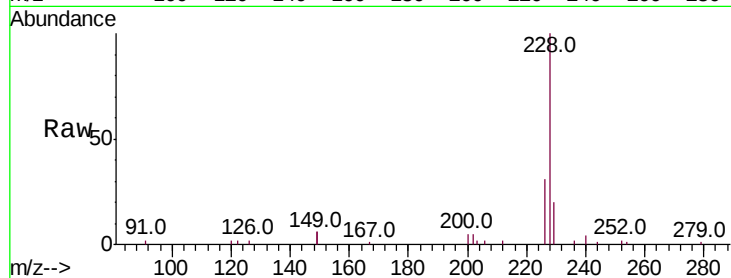
BNA_E

ClientSampleId :

PB112378BSD

Tot Ion:228 Resp: 5168

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	20.2	16.0	24.0

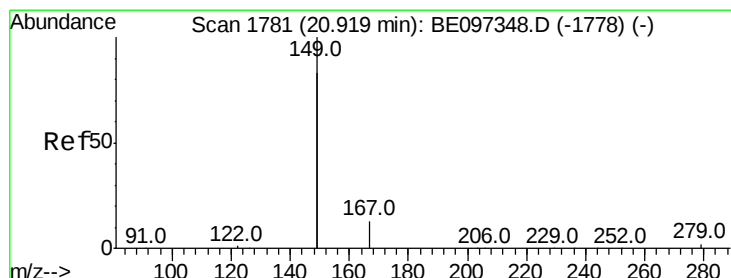
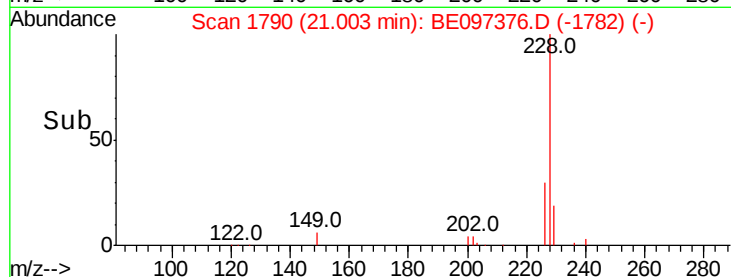
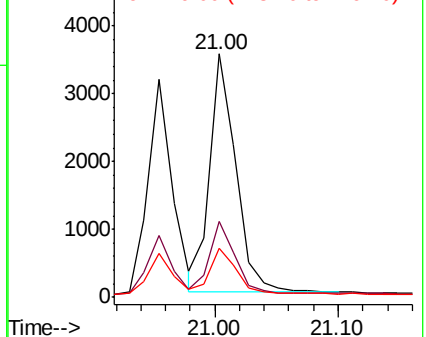


Abundance

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: 0.336 ng

RT: 20.92 min Scan# 1783

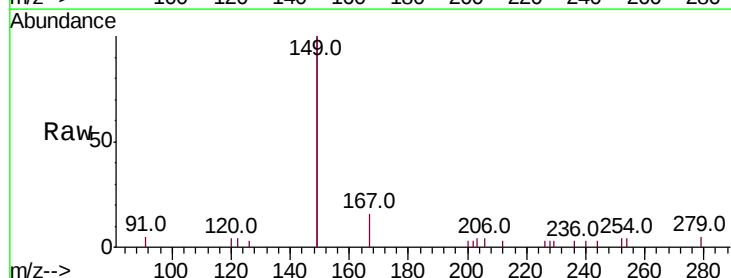
Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Tgt Ion:149 Resp: 3992

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1#

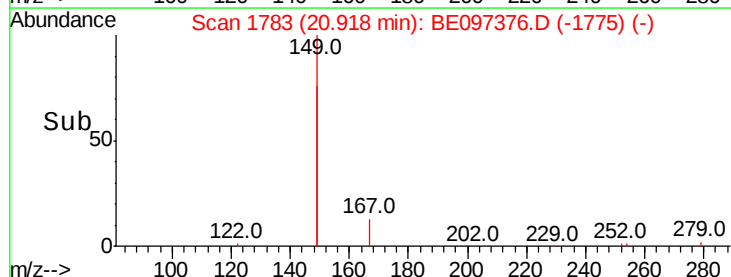
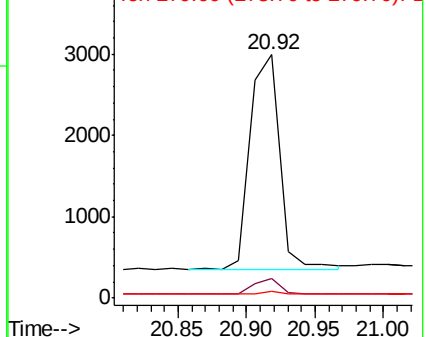


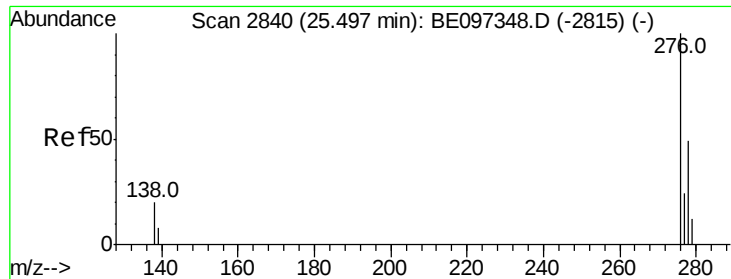
Abundance

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: 0.515 ng

RT: 25.50 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

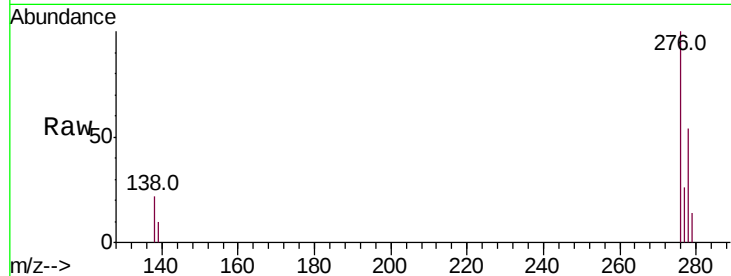
Tot Ion:276 Resp: 7467

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

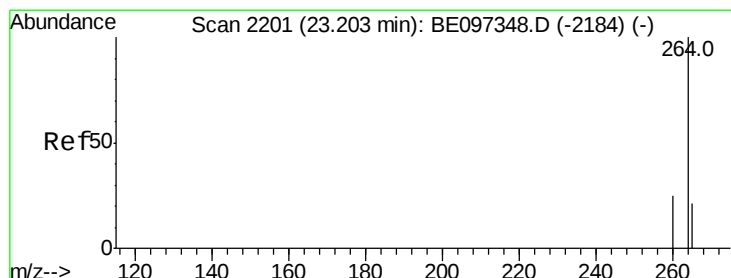
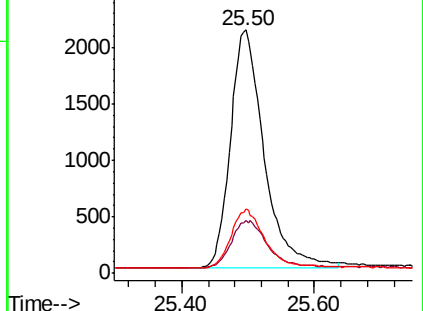
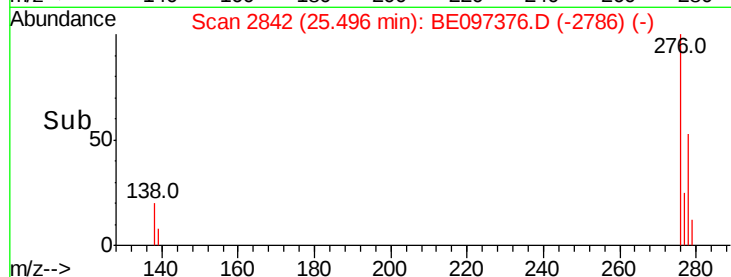
277 25.2 19.9 29.9



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

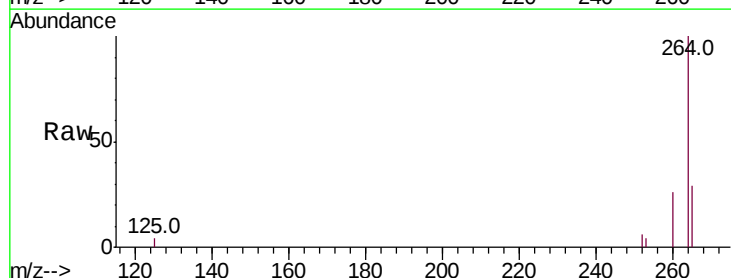
Tgt Ion:264 Resp: 4795

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

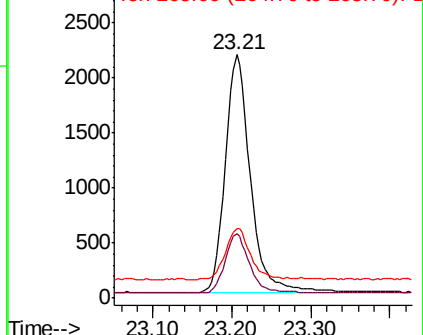
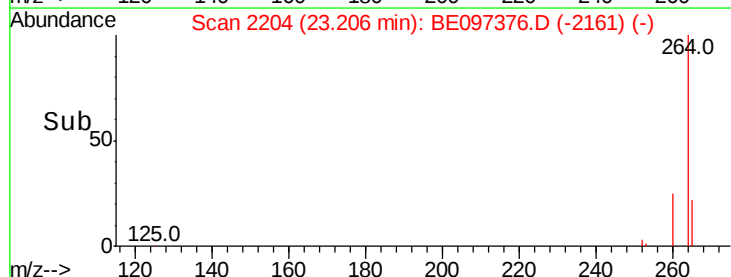
265 28.7 22.8 34.2

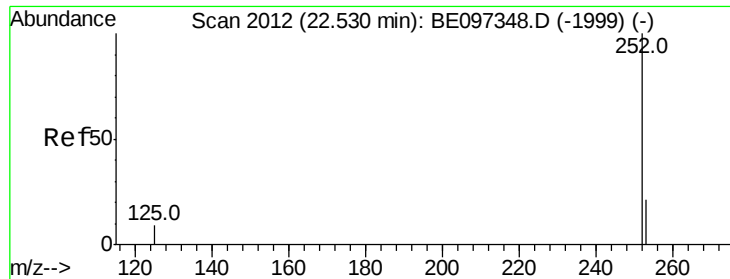


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

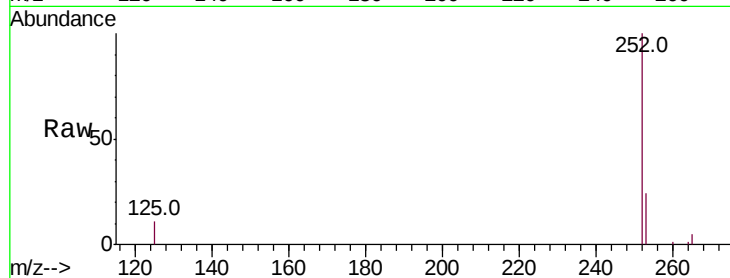
Tot Ion:252 Resp: 5223

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

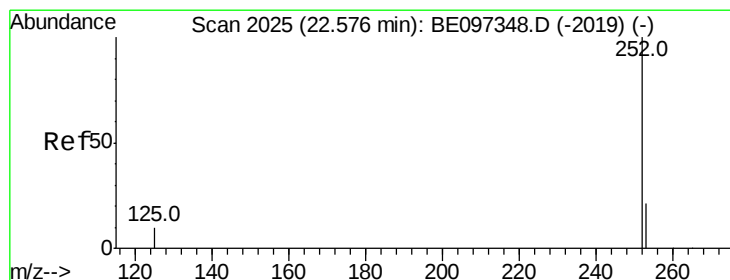
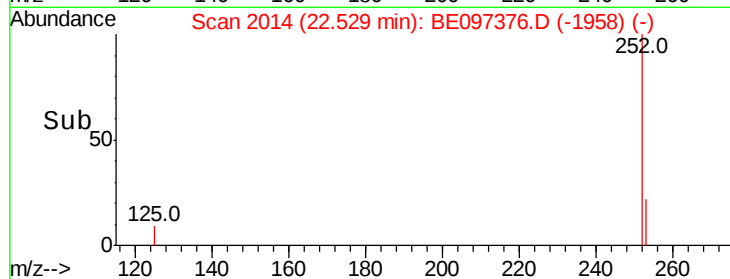
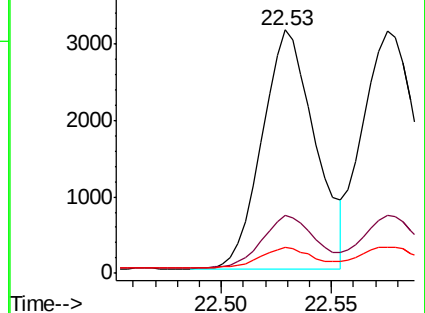
125 10.8 16.0 24.0#



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: 0.397 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

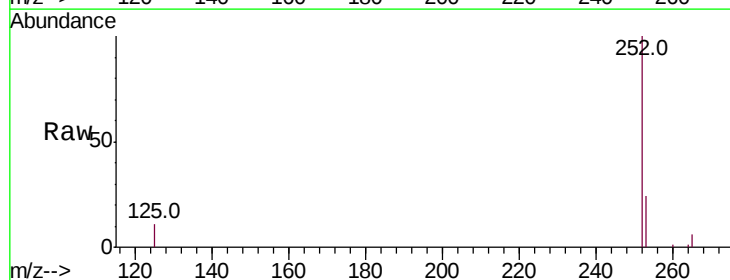
Tgt Ion:252 Resp: 5648

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

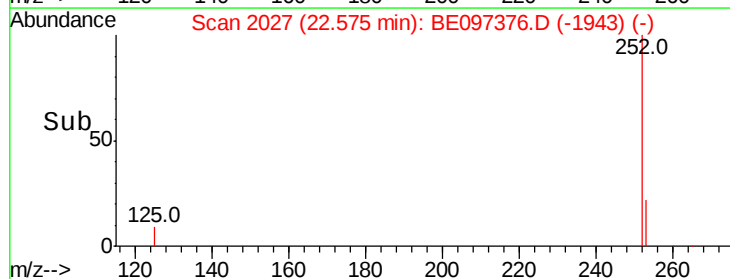
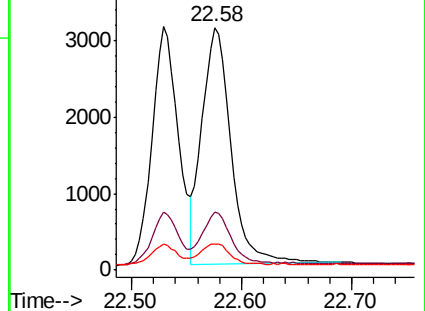
125 10.8 8.0 12.0

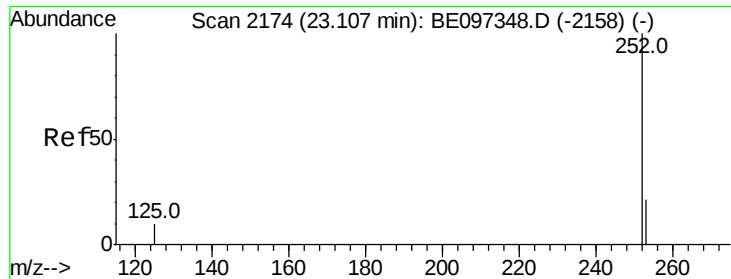


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

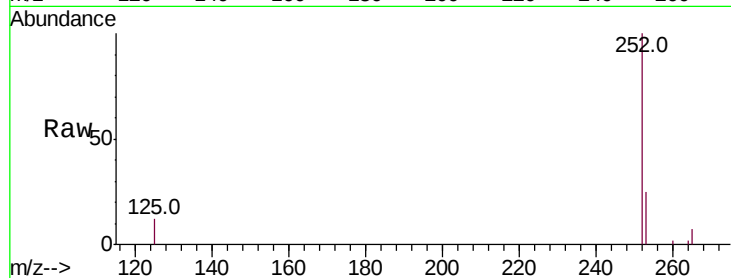
Tot Ion:252 Resp: 5016

Ion Ratio Lower Upper

252 100

253 25.1 16.0 24.0#

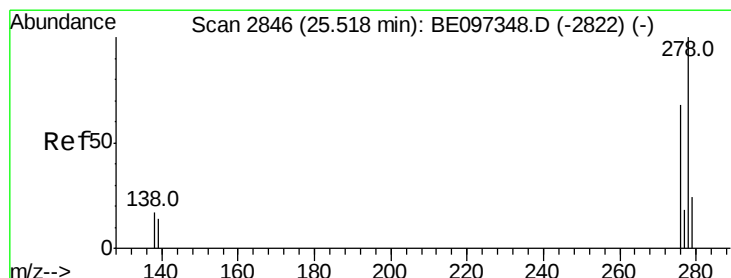
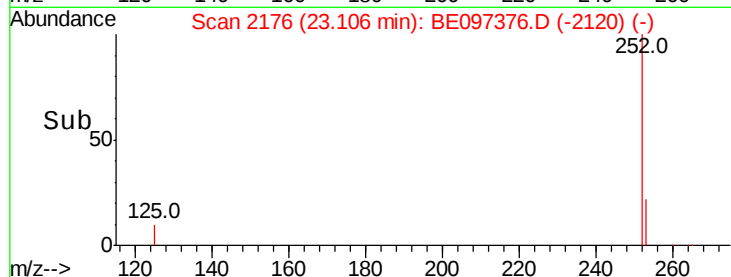
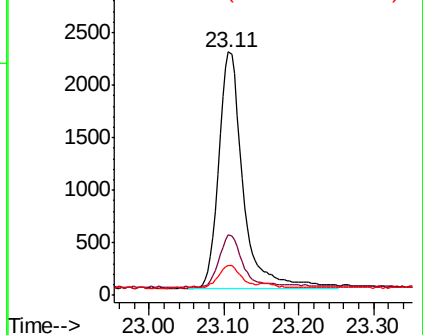
125 12.3 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.444 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

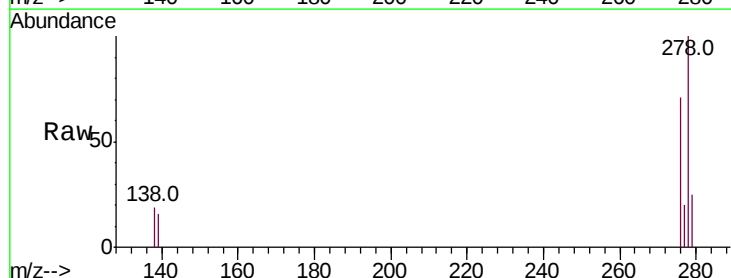
Tgt Ion:278 Resp: 6422

Ion Ratio Lower Upper

278 100

139 16.4 16.0 24.0

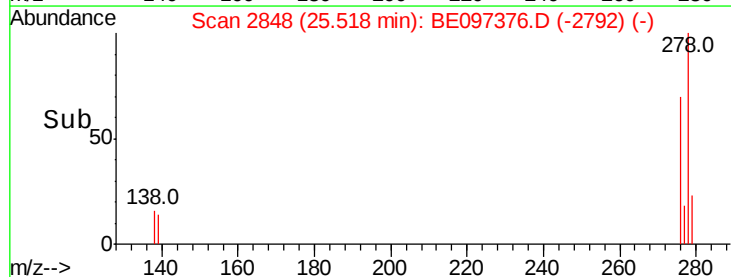
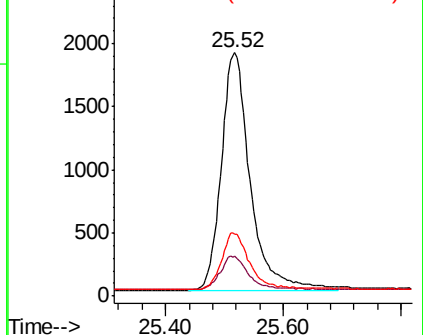
279 25.4 20.0 30.0

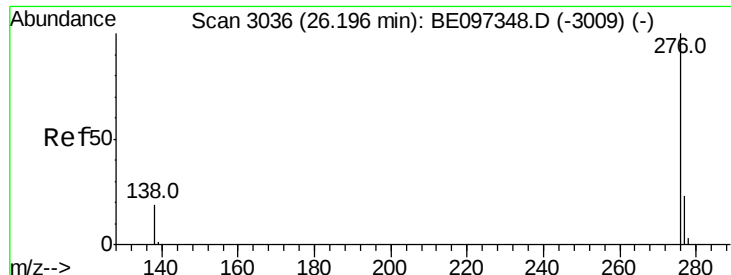


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.453 ng

RT: 26.20 min Scan# 3038

Delta R.T. 0.00 min

Lab File: BE097376.D

Acq: 28 Aug 2018 12:32

Instrument :

BNA_E

ClientSampleId :

PB112378BSD

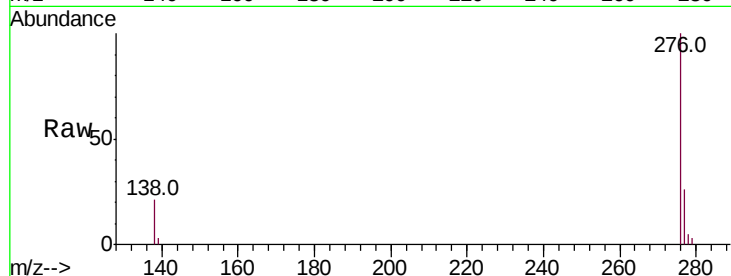
Tot Ion:276 Resp: 6683

Ion Ratio Lower Upper

276 100

277 26.2 16.0 24.0#

138 20.5 20.0 30.0



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

