

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097375.D
 Acq On : 28 Aug 2018 11:53
 Operator : SJ/JU
 Sample : PB112378BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112378BS

Quant Time: Aug 28 12:32:11 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	1150	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4821	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2079	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	4654	0.40	ng	0.00
27) Chrysene-d12	20.97	240	4686	0.40	ng	0.00
34) Perylene-d12	23.21	264	4777	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1446	0.43	ng	0.00
5) Phenol-d6	6.60	99	1731	0.38	ng	0.00
8) Nitrobenzene-d5	8.52	82	1441	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3210	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	237	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3801	0.50	ng	0.00
25) Fluoranthene-d10	18.80	212	21486	0.40	ng	0.00
29) Terphenyl-d14	19.42	244	3559	0.41	ng	0.00

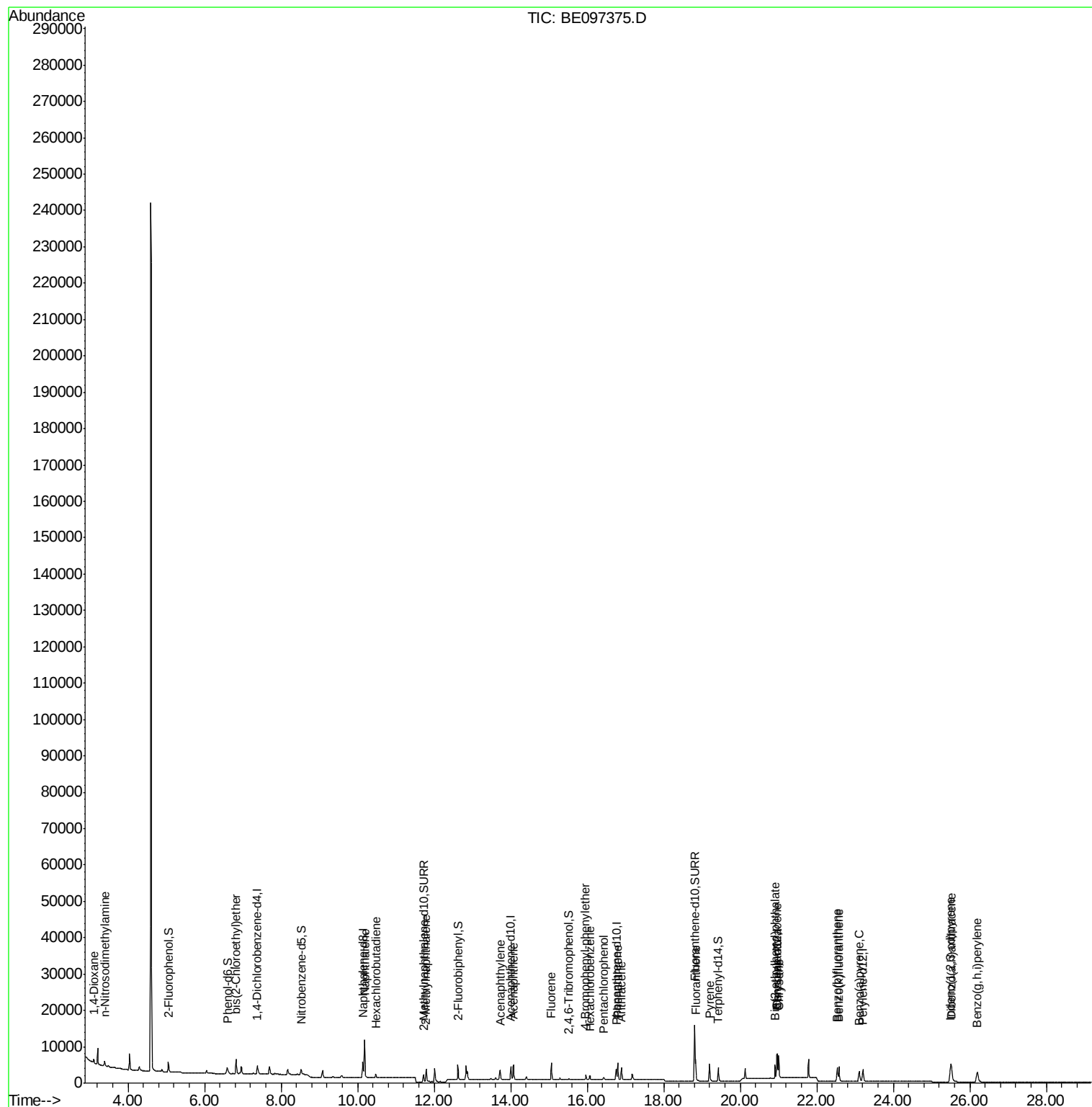
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	627	0.307	ng	# 79
3) n-Nitrosodimethylamine	3.38	42	786	0.412	ng	98
6) bis(2-Chloroethyl)ether	6.83	93	1430	0.342	ng	98
9) Naphthalene	10.18	128	18144	0.413	ng	100
10) Hexachlorobutadiene	10.47	225	753	0.384	ng	96
12) 2-Methylnaphthalene	11.80	142	2716	0.392	ng	99
16) Acenaphthylene	13.73	152	3268	0.395	ng	99
17) Acenaphthene	14.07	154	2196	0.398	ng	95
18) Fluorene	15.06	166	2632	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	831	0.393	ng	# 74
21) Hexachlorobenzene	16.08	284	966	0.413	ng	# 83
22) Pentachlorophenol	16.44	266	452	0.700	ng	# 77
23) Phenanthrene	16.80	178	4659	0.421	ng	99
24) Anthracene	16.89	178	3864	0.410	ng	96
26) Fluoranthene	18.83	202	5192	0.374	ng	98
28) Pyrene	19.20	202	5018	0.450	ng	99
30) Benzo(a)anthracene	20.96	228	4677	0.395	ng	97
31) Chrysene	21.00	228	5348	0.419	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	4687	0.363	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	7404	0.477	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	5294	0.413	ng	# 91
36) Benzo(k)fluoranthene	22.58	252	5610	0.396	ng	94
37) Benzo(a)pyrene	23.11	252	4891	0.397	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	6403	0.444	ng	# 95
39) Benzo(g,h,i)perylene	26.19	276	6673	0.454	ng	# 90

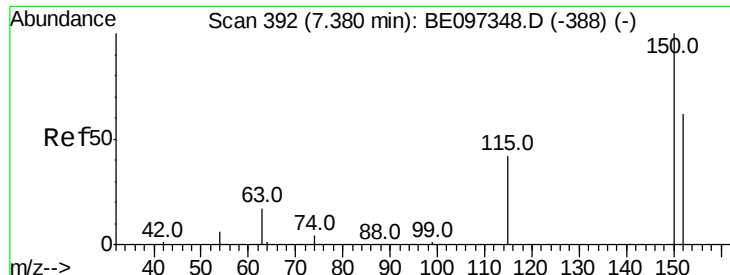
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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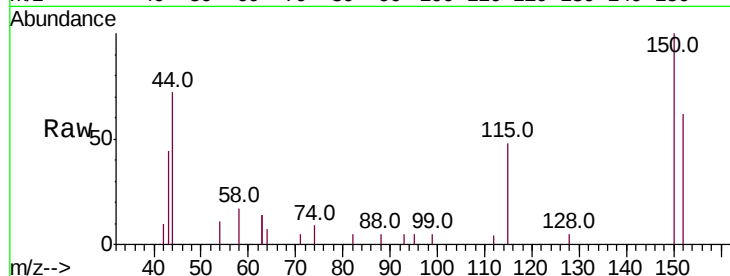


#1

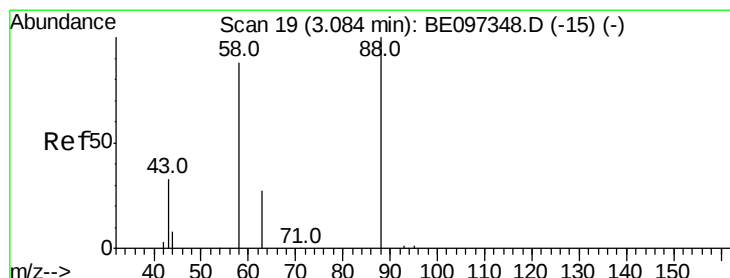
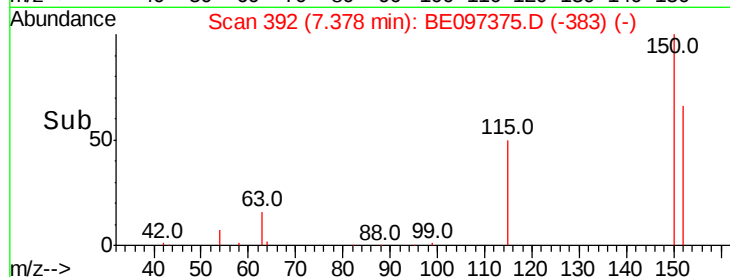
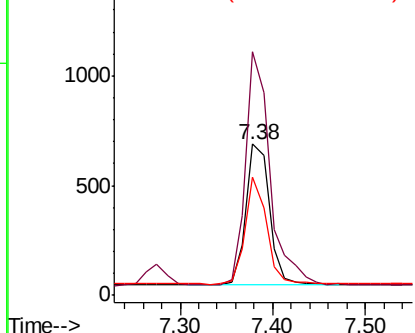
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

Instrument :
BNA_E
ClientSampleId :
PB112378BS

Tot Ion:152 Resp: 1150
Ion Ratio Lower Upper
152 100
150 161.0 117.2 175.8
115 77.8 57.0 85.6



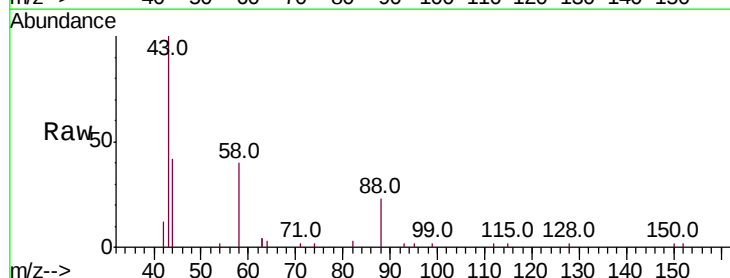
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



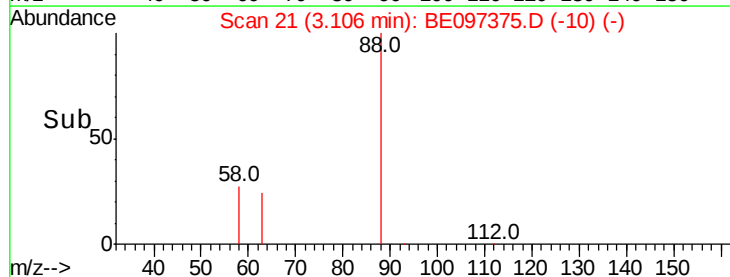
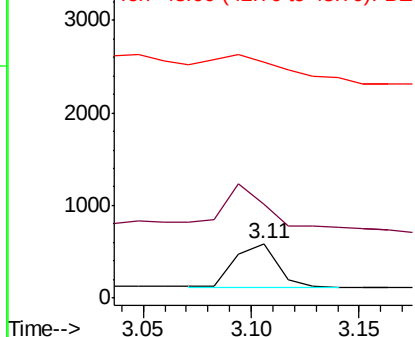
#2

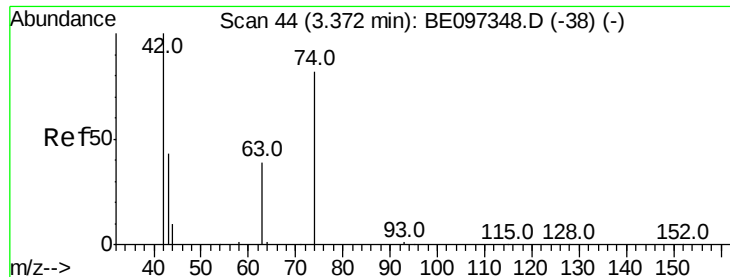
1,4-Dioxane
Concen: 0.307 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.02 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

Tgt Ion: 88 Resp: 627
Ion Ratio Lower Upper
88 100
58 86.3 63.2 94.8
43 78.9 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: 0.412 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

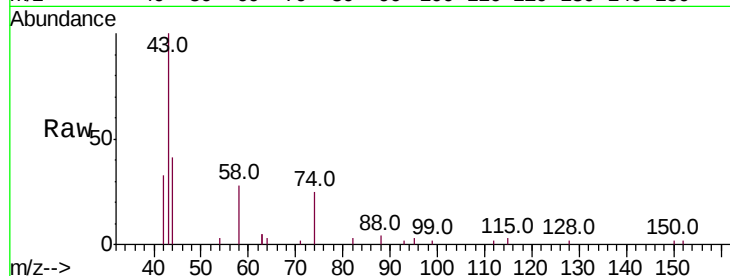
Tot Ion: 42 Resp: 786

Ion Ratio Lower Upper

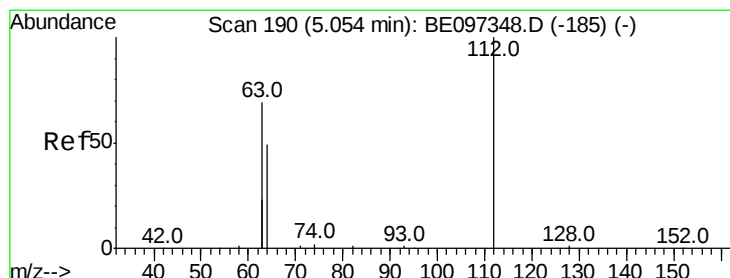
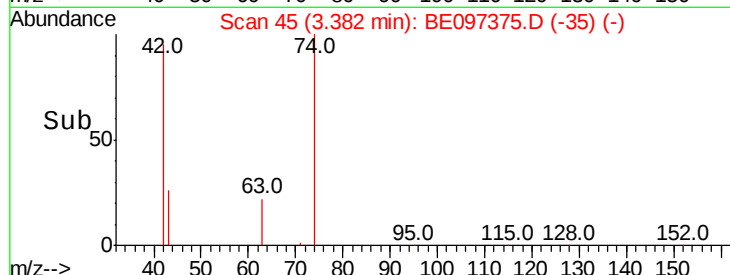
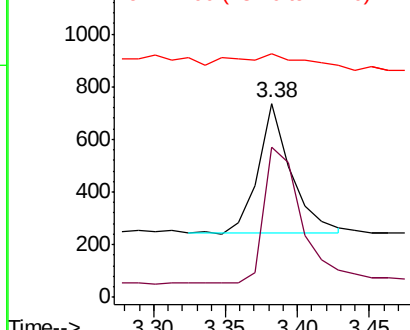
42 100

74 118.3 96.0 144.0

44 14.1 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: 0.425 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

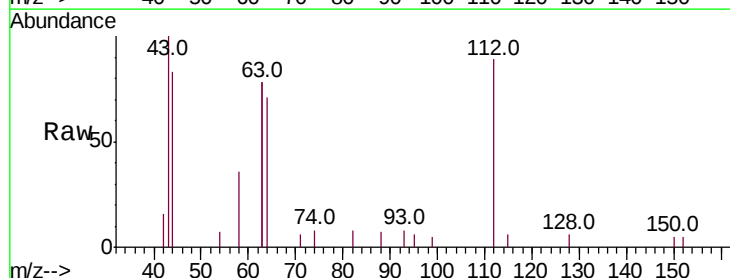
Tgt Ion: 112 Resp: 1446

Ion Ratio Lower Upper

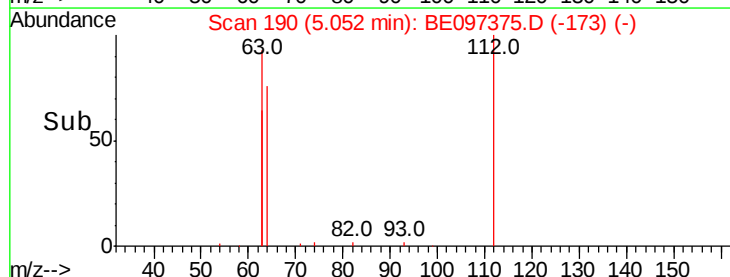
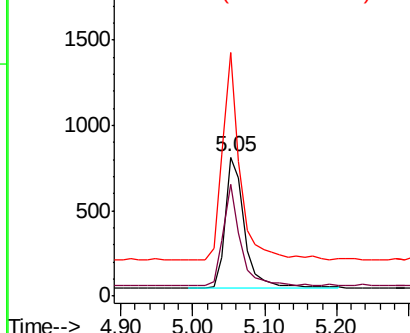
112 100

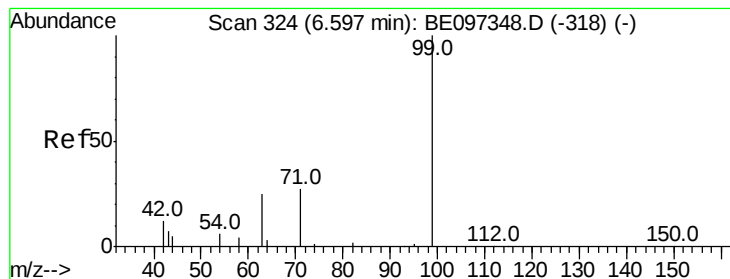
64 69.7 60.1 90.1

63 143.6 116.8 175.2



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: 0.381 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampled :

PB112378BS

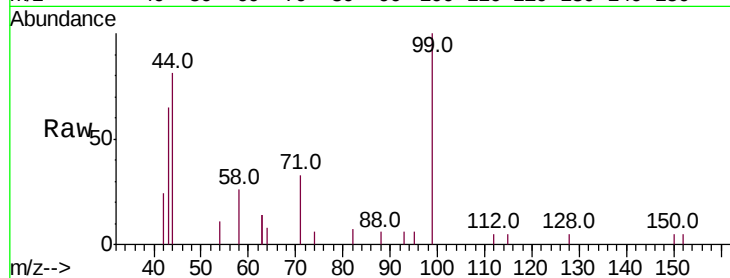
Tot Ion: 99 Resp: 1731

Ion Ratio Lower Upper

99 100

42 22.0 20.2 30.2

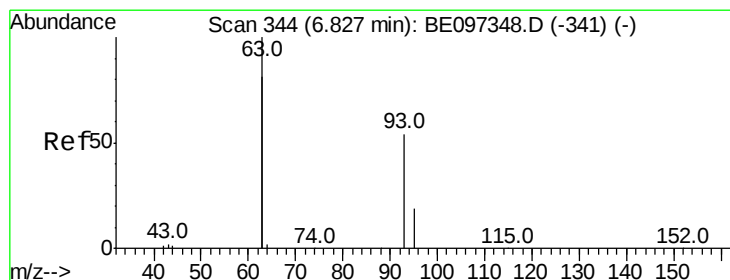
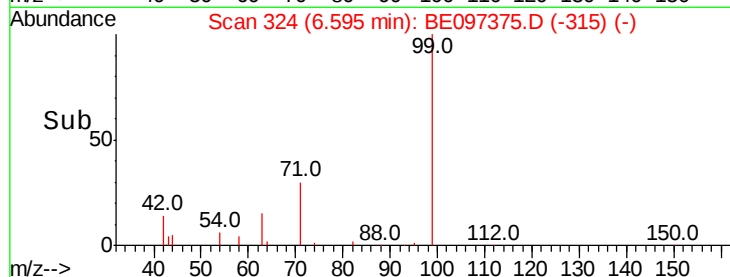
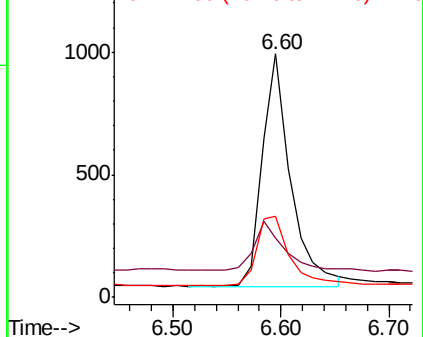
71 34.8 28.4 42.6



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: 0.342 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

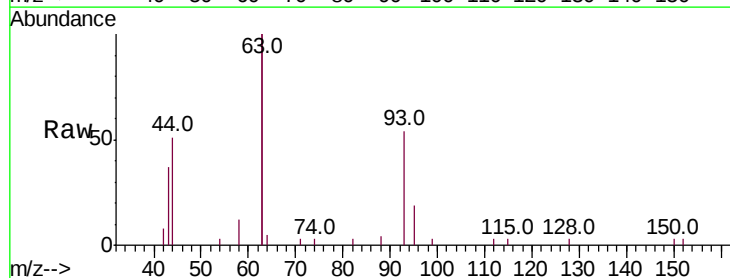
Tgt Ion: 93 Resp: 1430

Ion Ratio Lower Upper

93 100

63 339.0 275.3 412.9

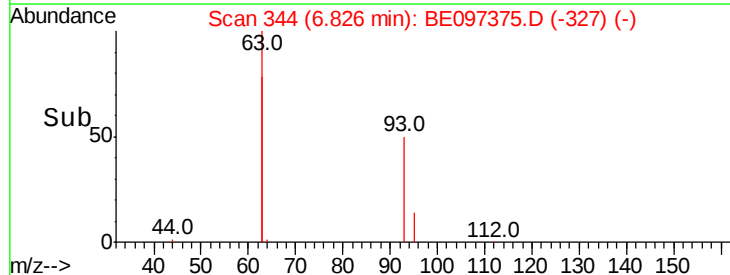
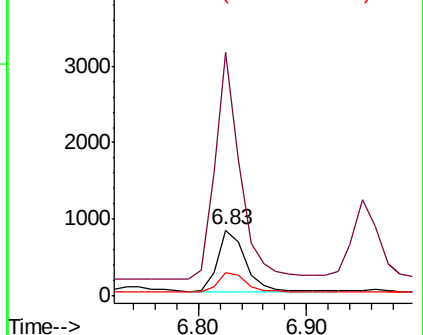
95 32.7 25.2 37.8

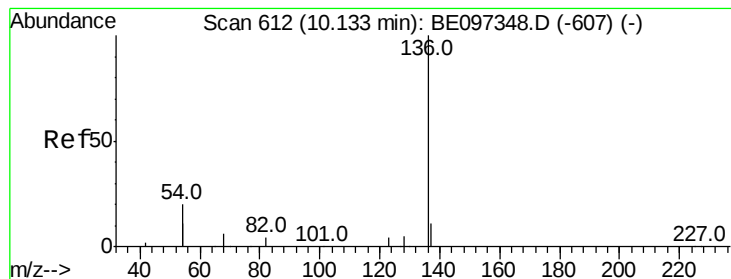


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

Tot Ion:136 Resp: 4821

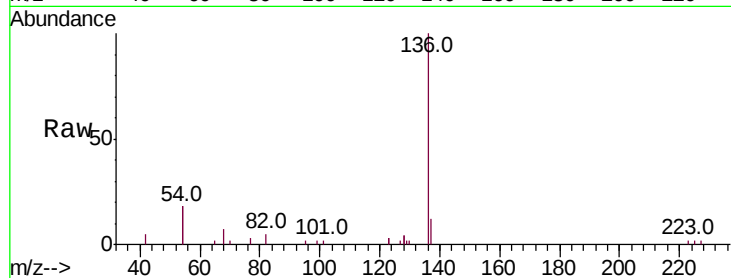
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 35.4 29.1 43.7

68 7.4 6.2 9.2

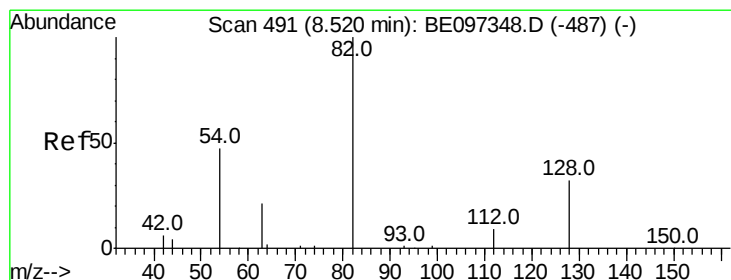
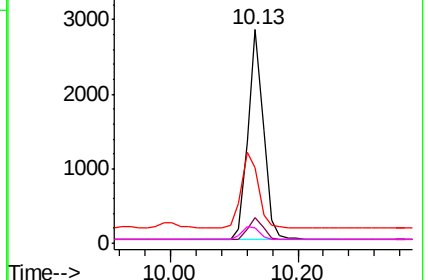
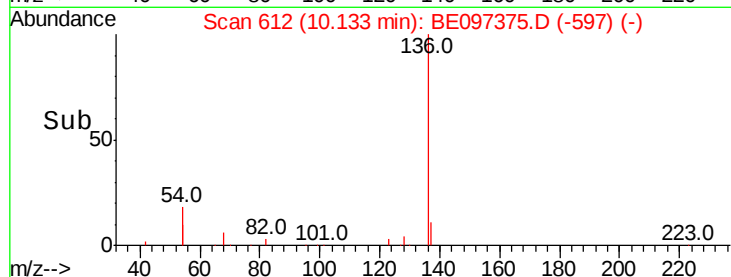


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.417 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

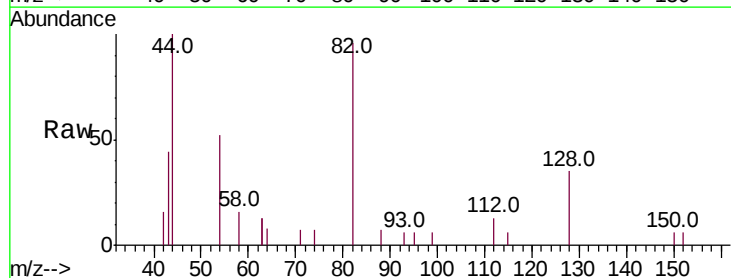
Tgt Ion: 82 Resp: 1441

Ion Ratio Lower Upper

82 100

128 36.2 24.0 36.0#

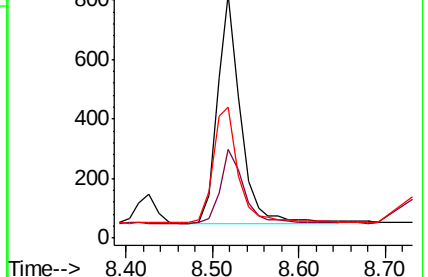
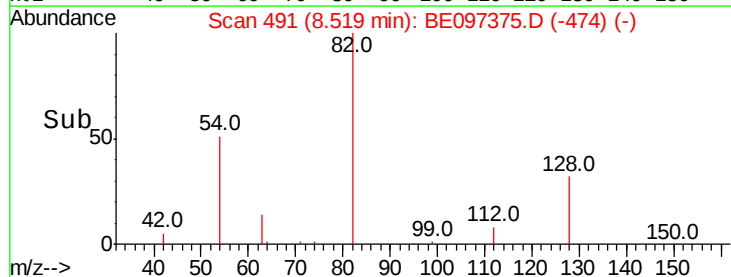
54 53.9 40.0 60.0

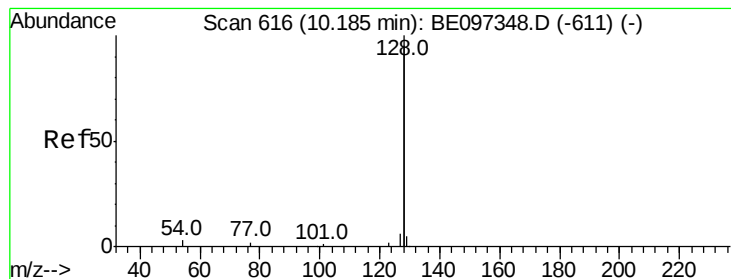


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

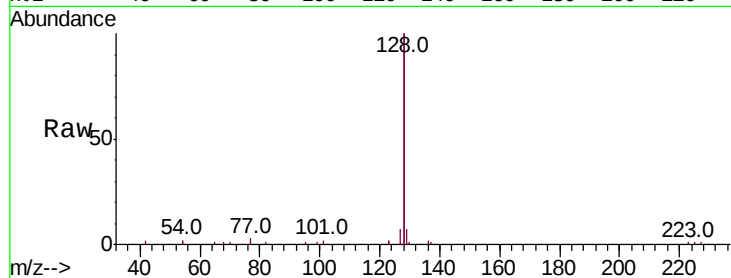
Tot Ion:128 Resp: 18144

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

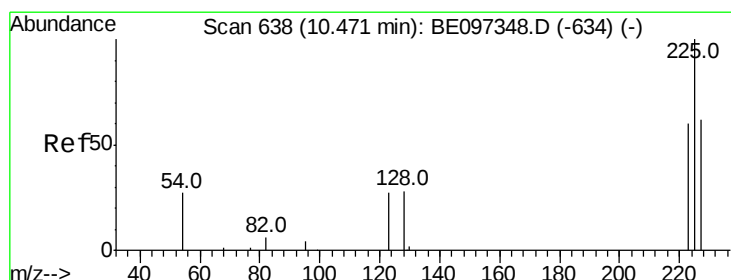
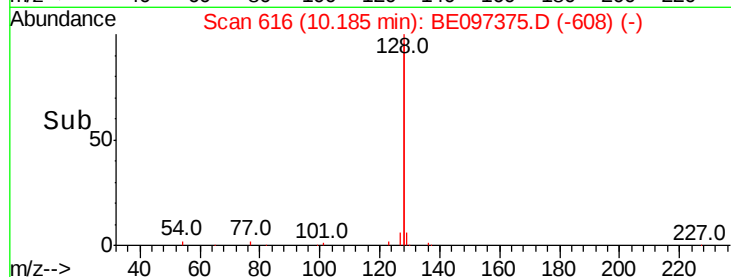
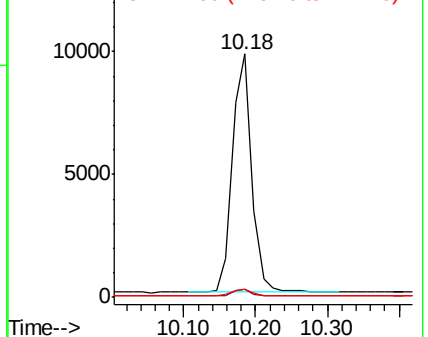
127 3.4 2.8 4.2



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: 0.384 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

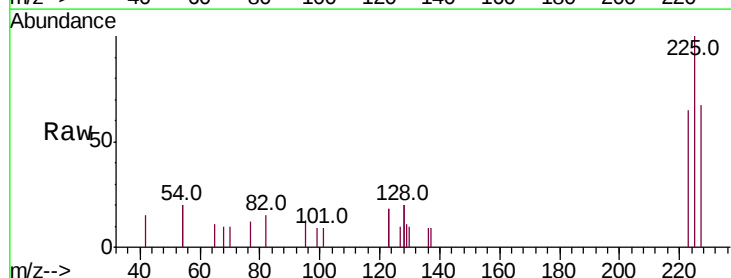
Tgt Ion:225 Resp: 753

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

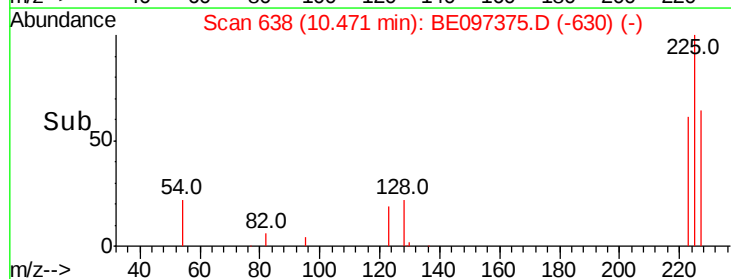
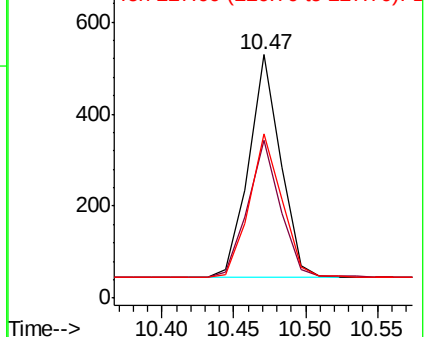
227 66.7 51.4 77.2

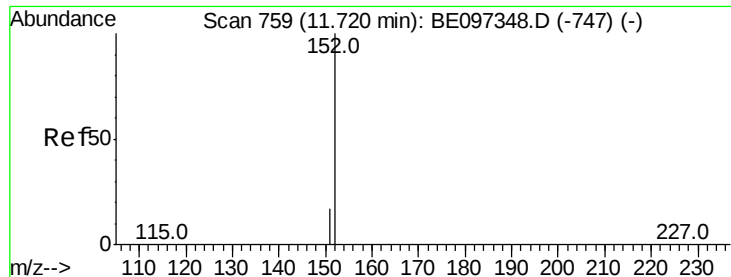


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

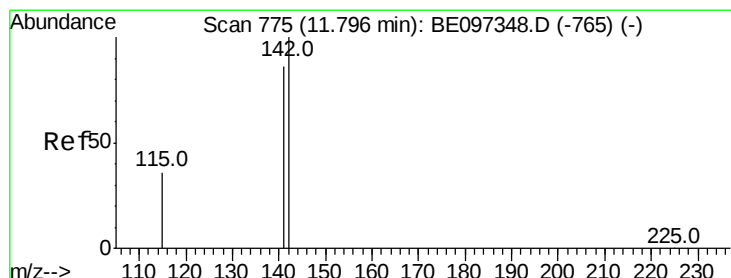
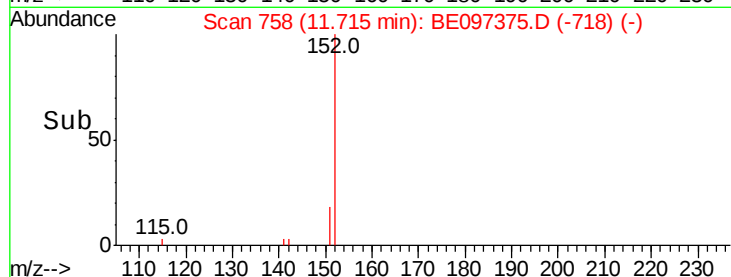
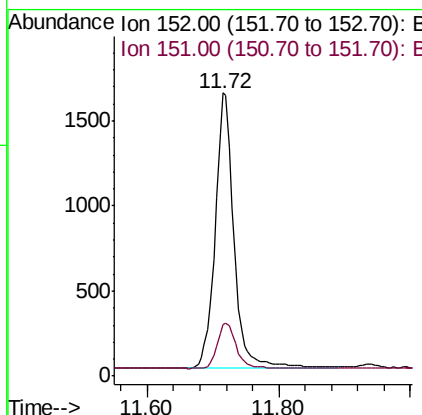
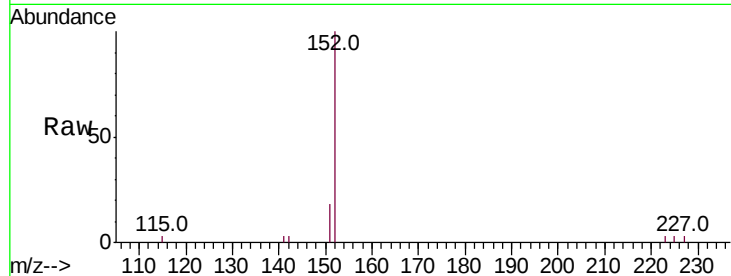




#11
 2-Methylnaphthalene-d10
 Concen: 0.478 ng
 RT: 11.72 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BE097375.D
 Acq: 28 Aug 2018 11:53

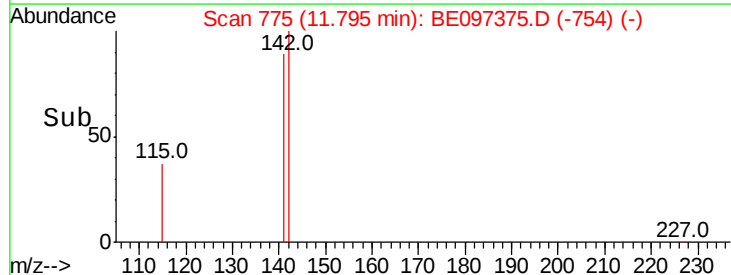
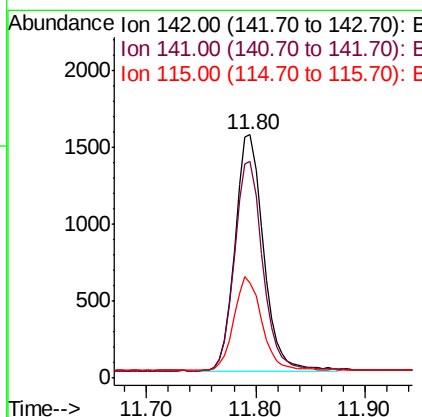
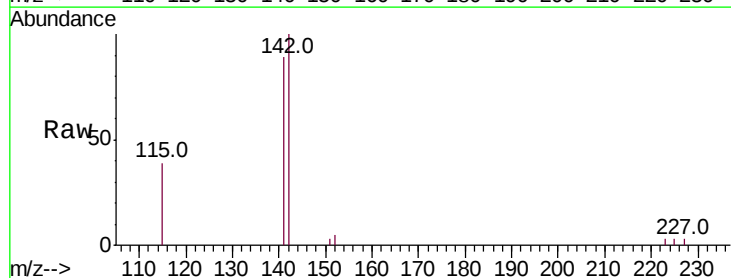
Instrument :
 BNA_E
 ClientSampleId :
 PB112378BS

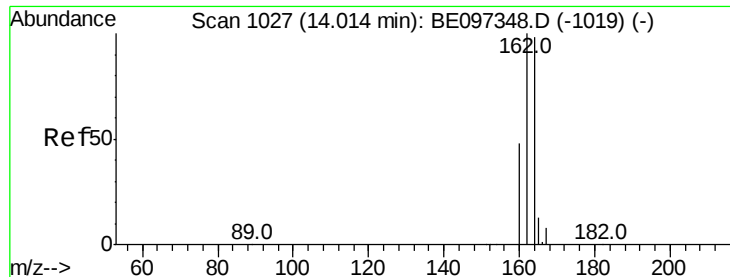
Tot Ion:152 Resp: 3210
 Ion Ratio Lower Upper
 152 100
 151 16.1 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 11.80 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BE097375.D
 Acq: 28 Aug 2018 11:53

Tgt Ion:142 Resp: 2716
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.4 105.6
 115 39.2 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: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

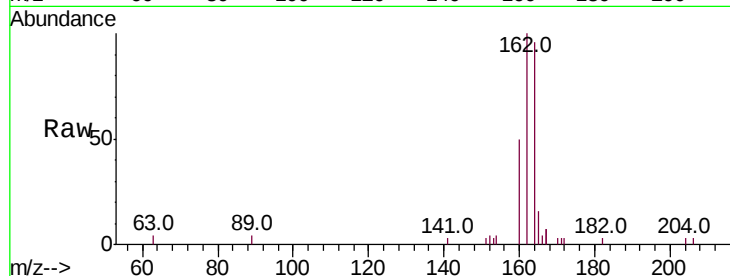
Tot Ion:164 Resp: 2079

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

160 52.1 37.1 55.7

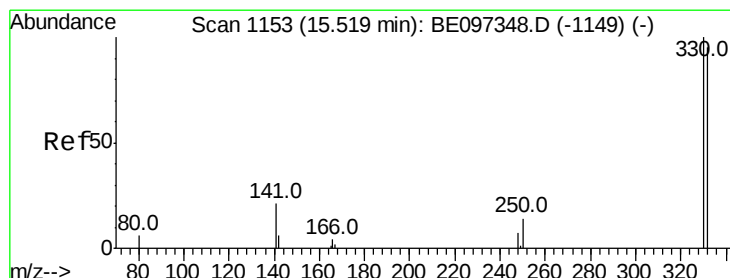
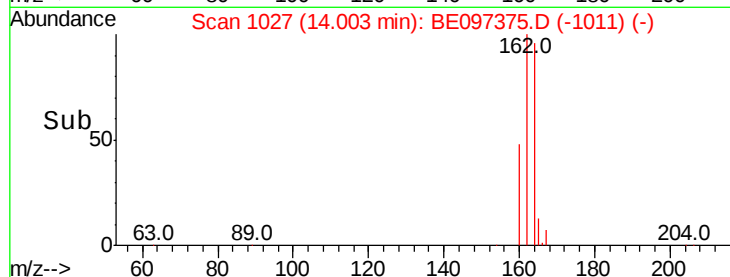
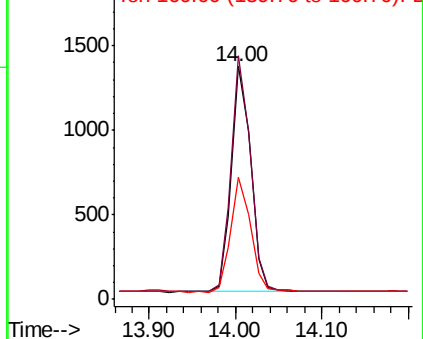


Abundance

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: 0.337 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

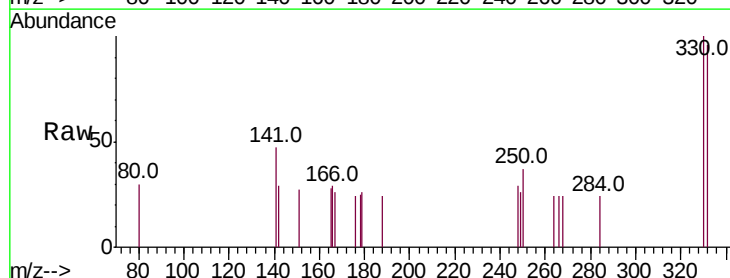
Tgt Ion:330 Resp: 237

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

141 40.9 33.7 50.5

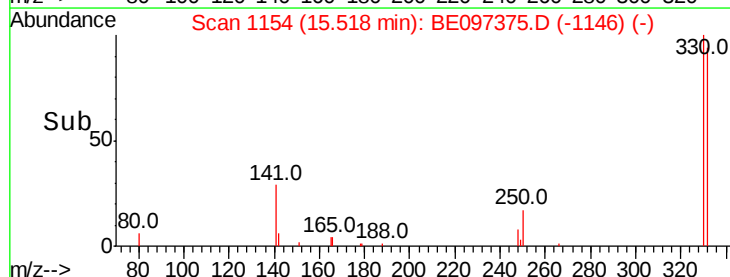
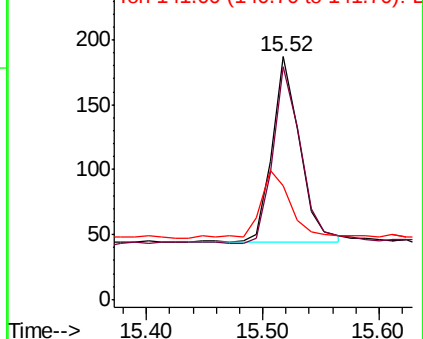


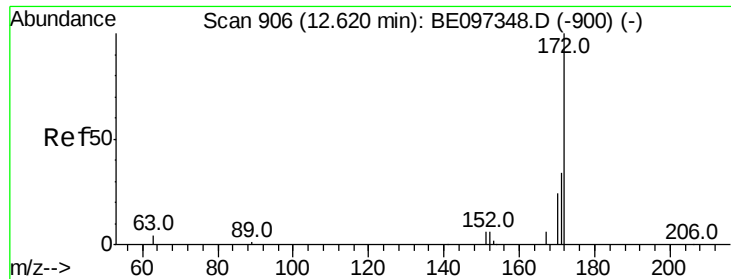
Abundance

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

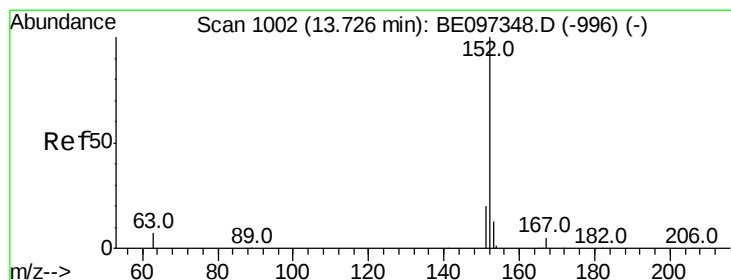
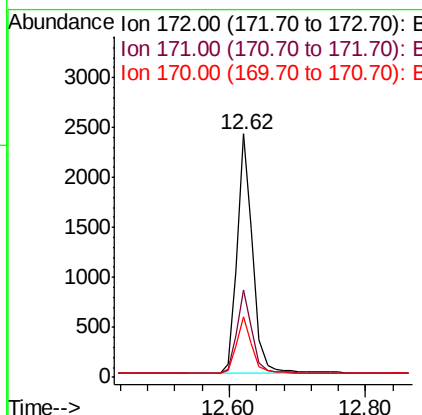
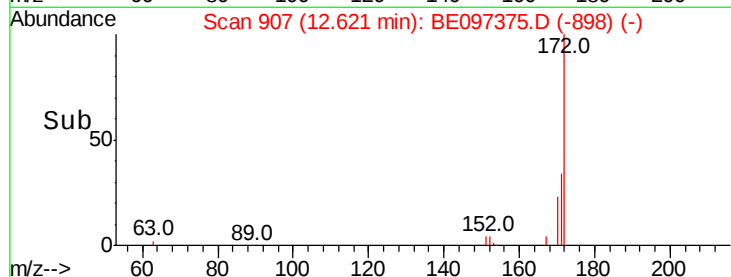
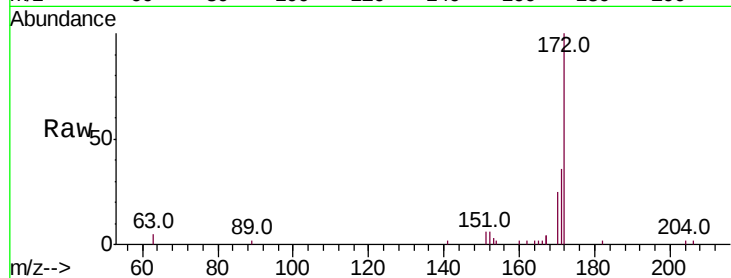




#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

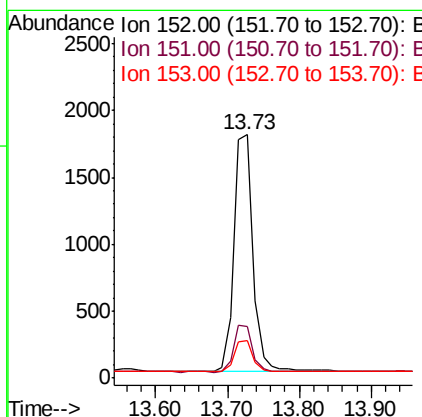
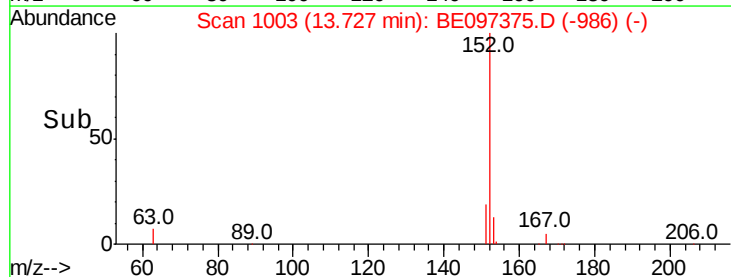
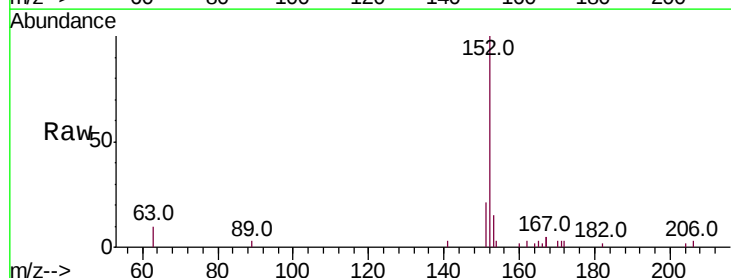
Instrument :
BNA_E
ClientSampleId :
PB112378BS

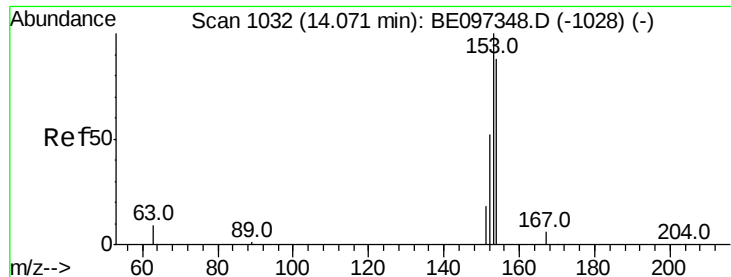
Tot Ion:172 Resp: 3801
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 24.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

Tgt Ion:152 Resp: 3268
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

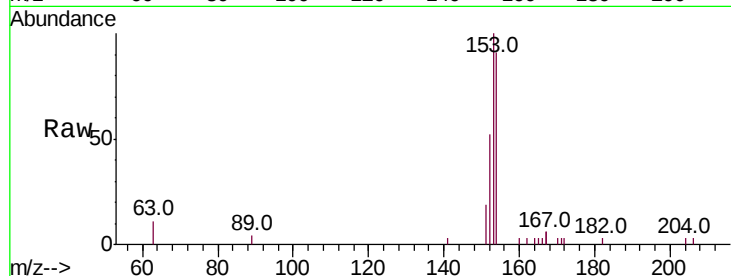
Tot Ion:154 Resp: 2196

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

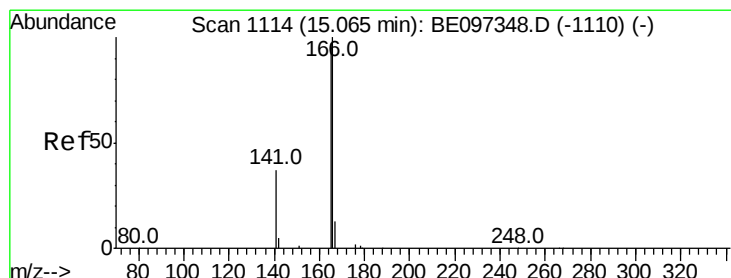
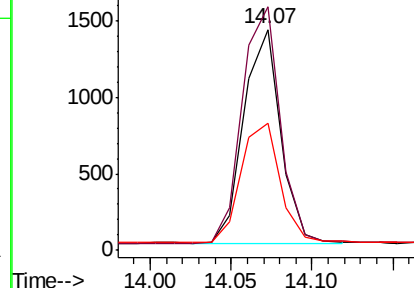
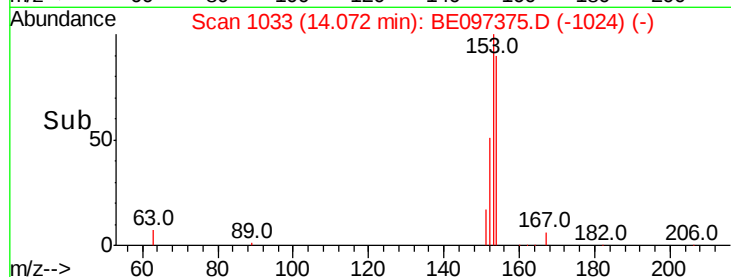
152 59.9 42.0 63.0



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: 0.377 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

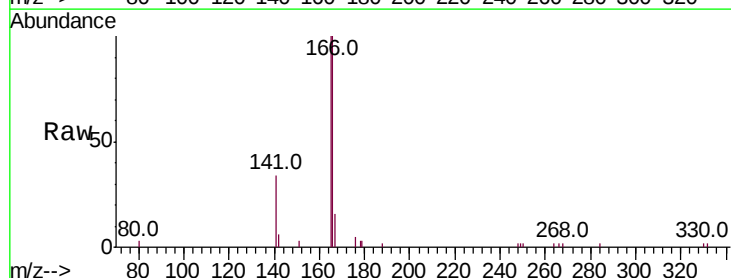
Tgt Ion:166 Resp: 2632

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

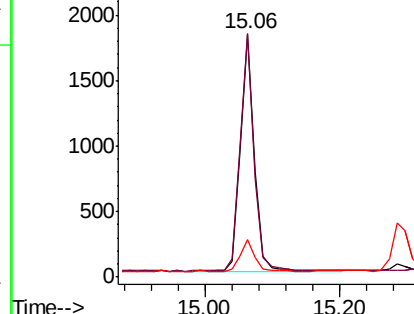
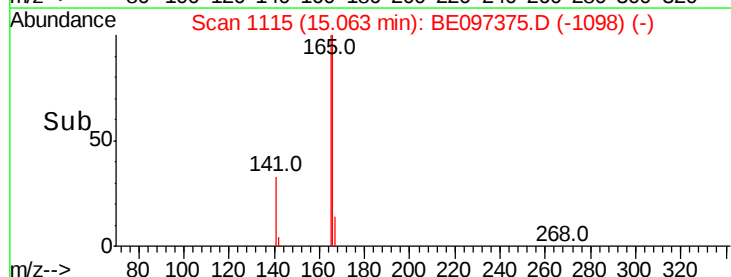
167 13.6 42.4 63.6#

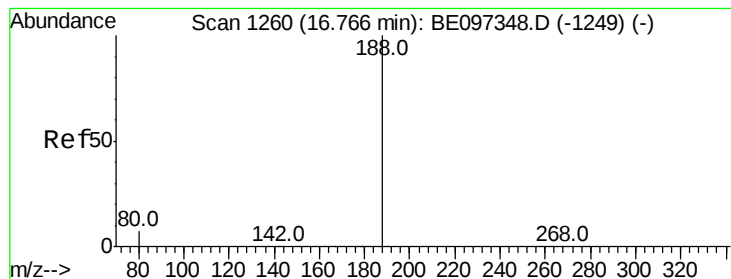


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

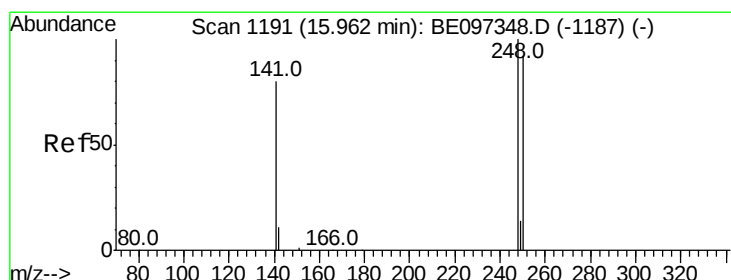
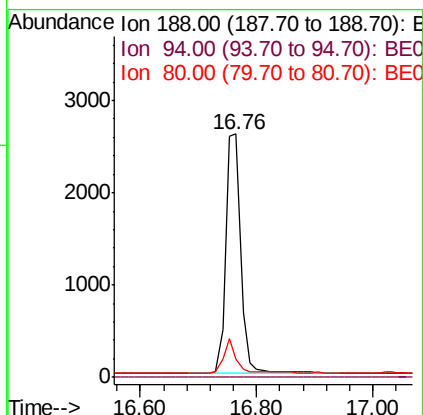
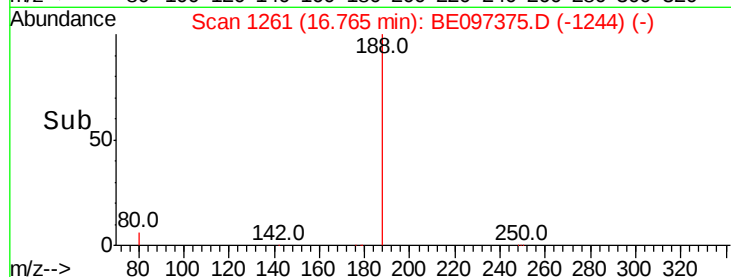
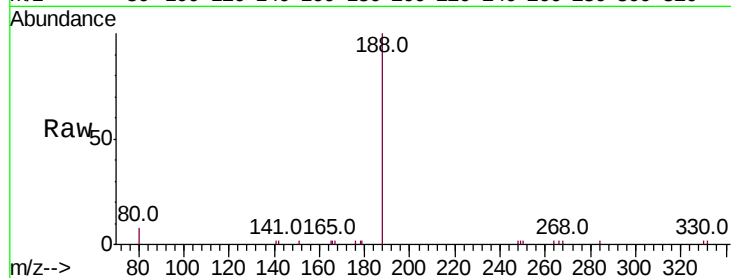
Tot Ion:188 Resp: 4654

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 7.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

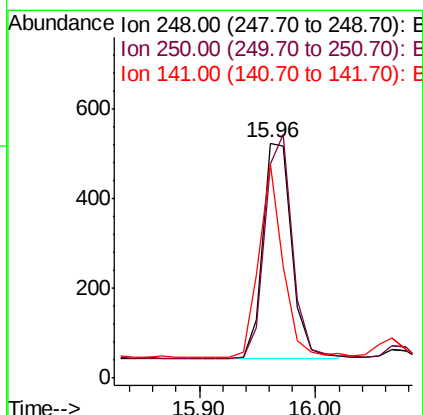
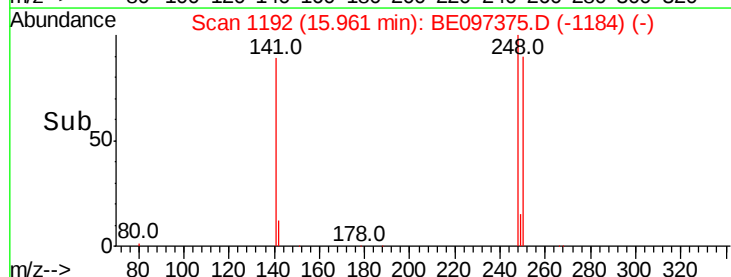
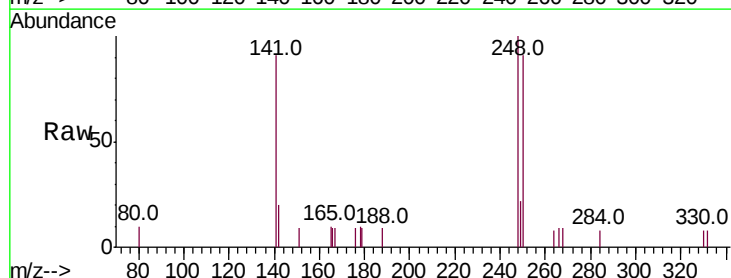
Tgt Ion:248 Resp: 831

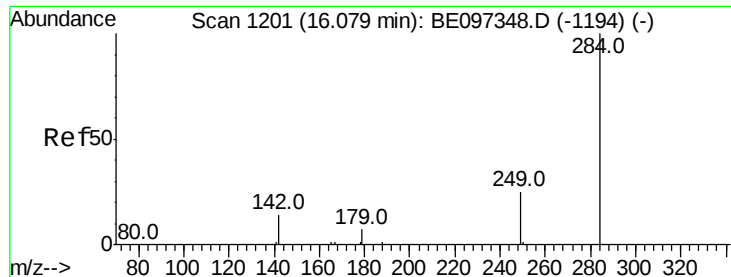
Ion Ratio Lower Upper

248 100

250 91.2 62.7 94.1

141 91.0 48.2 72.2#

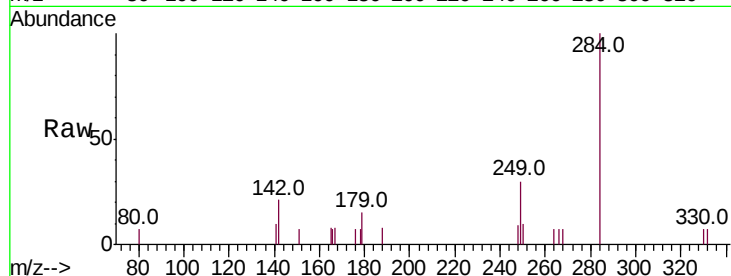




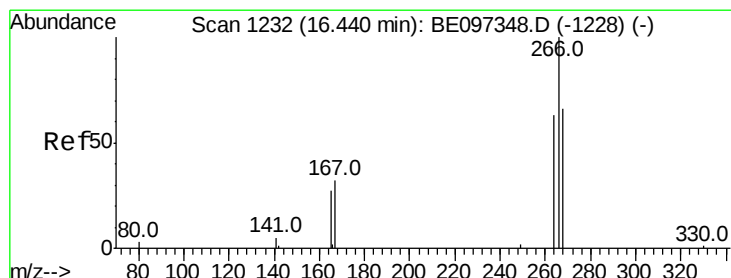
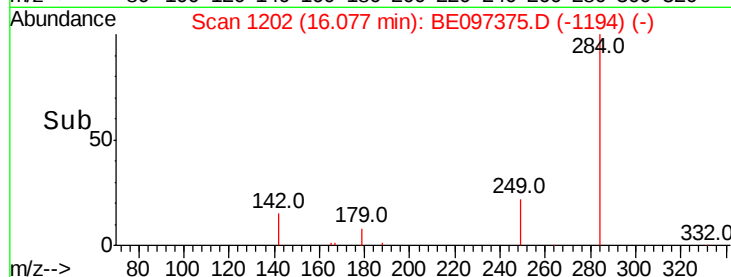
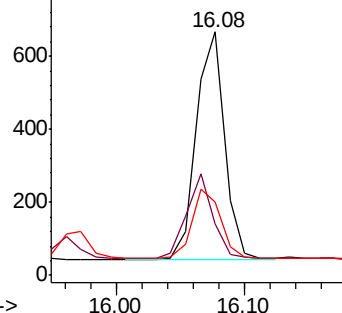
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

Instrument :
BNA_E
ClientSampleId :
PB112378BS

Tot Ion:284 Resp: 966
Ion Ratio Lower Upper
284 100
142 34.1 22.1 33.1#
249 30.7 34.8 52.2#

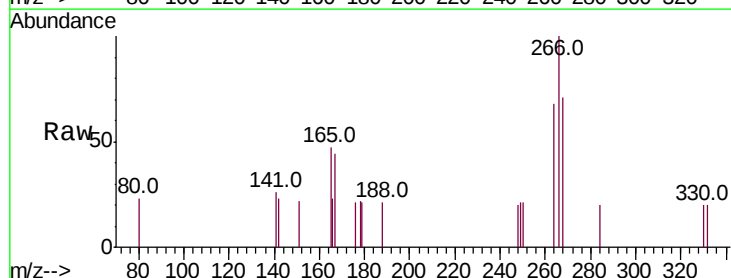


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

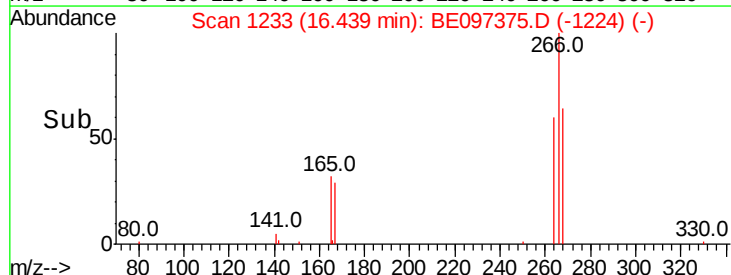
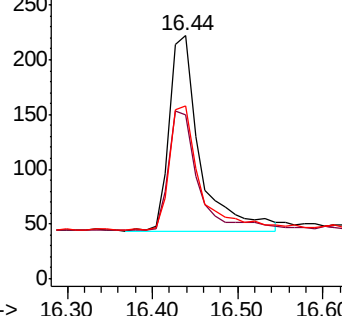


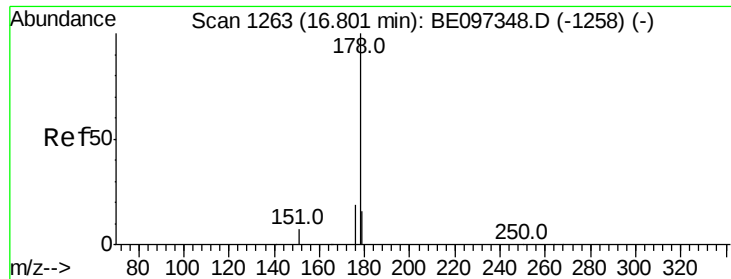
#22
Pentachlorophenol
Concen: 0.700 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097375.D
Acq: 28 Aug 2018 11:53

Tgt Ion:266 Resp: 452
Ion Ratio Lower Upper
266 100
264 67.6 72.5 108.7#
268 71.2 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: 0.421 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

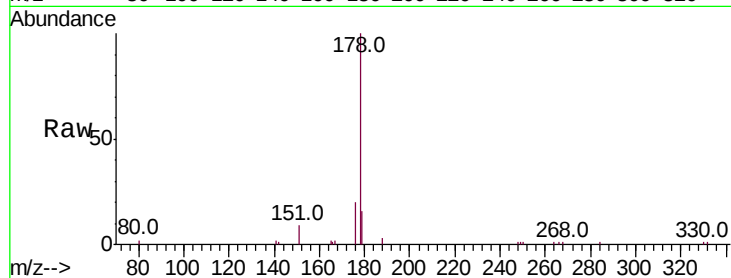
Tot Ion:178 Resp: 4659

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

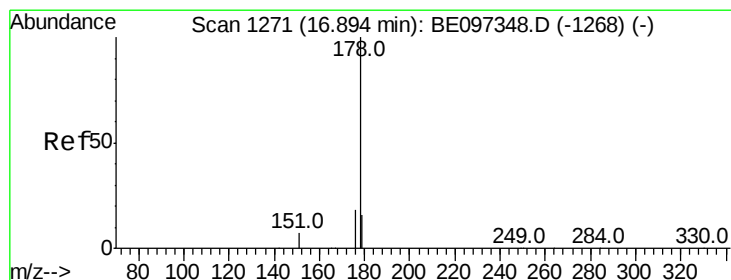
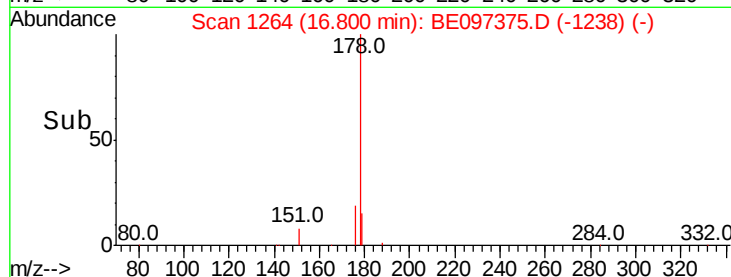
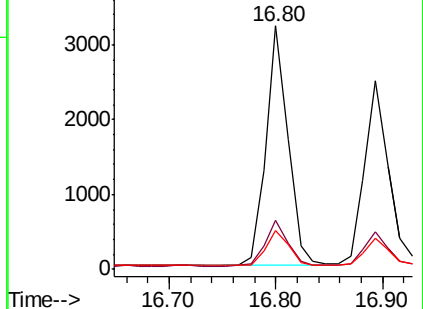
179 15.7 11.8 17.6



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: 0.410 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

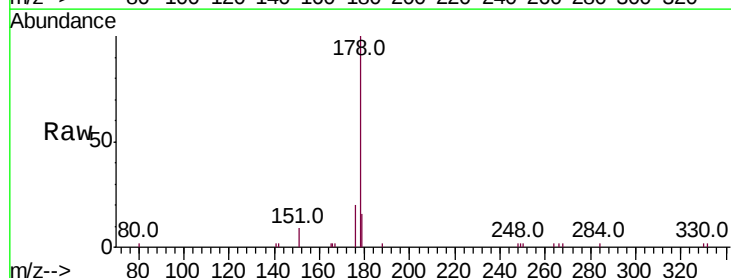
Tgt Ion:178 Resp: 3864

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

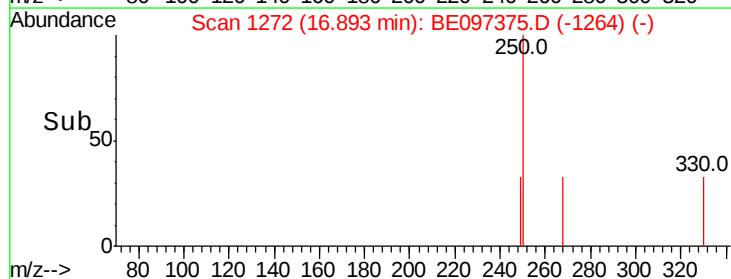
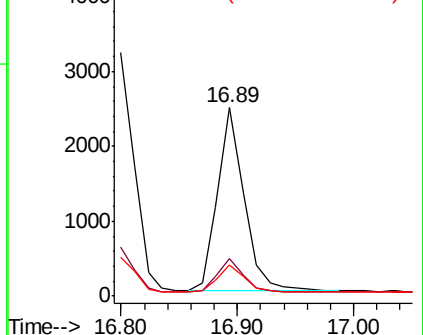
179 15.4 13.0 19.6

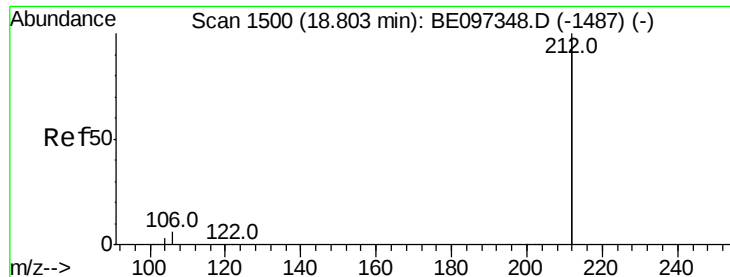


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

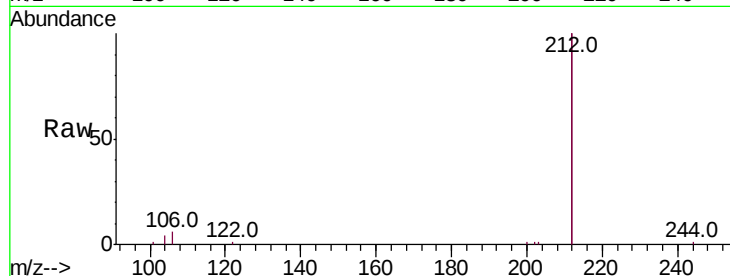
Tot Ion:212 Resp: 21486

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

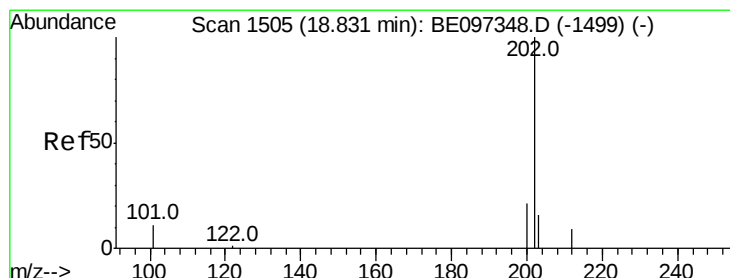
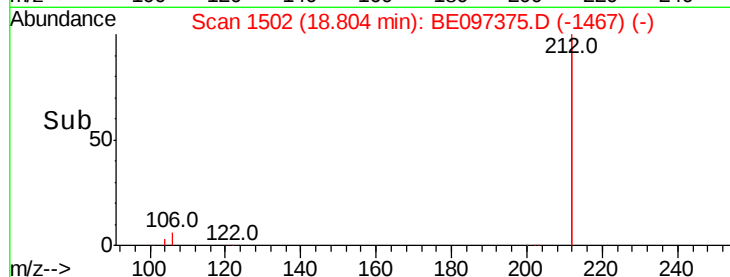
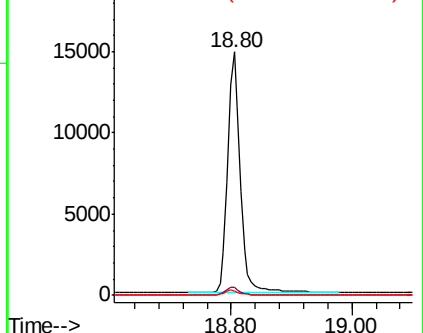
104 1.7 1.6 2.4



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: 0.374 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

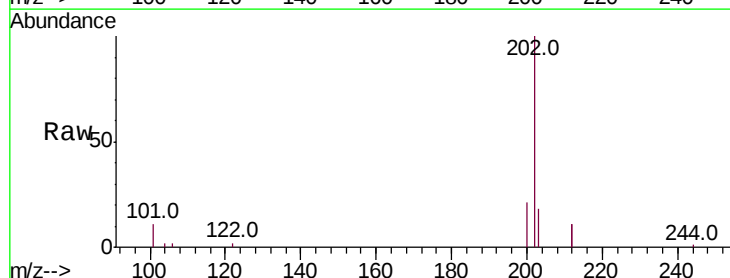
Tgt Ion:202 Resp: 5192

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

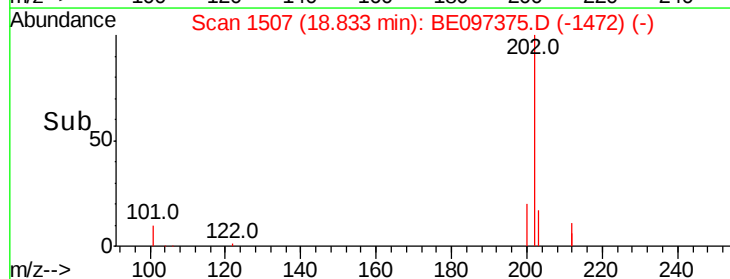
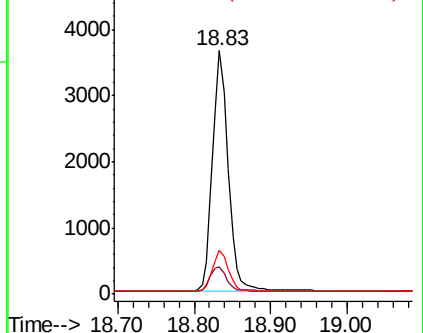
203 16.7 13.7 20.5

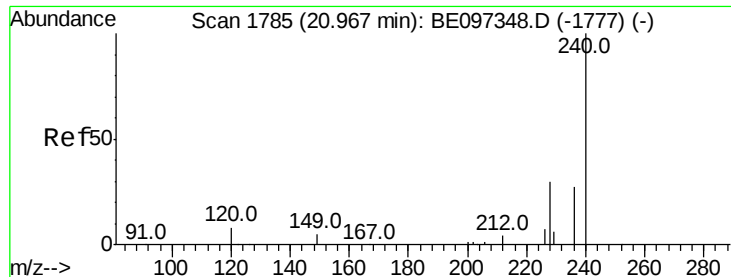


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

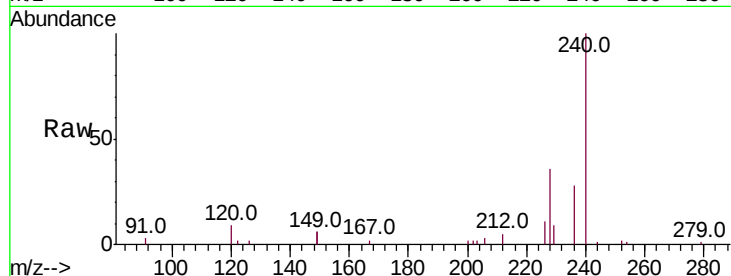
Tot Ion:240 Resp: 4686

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

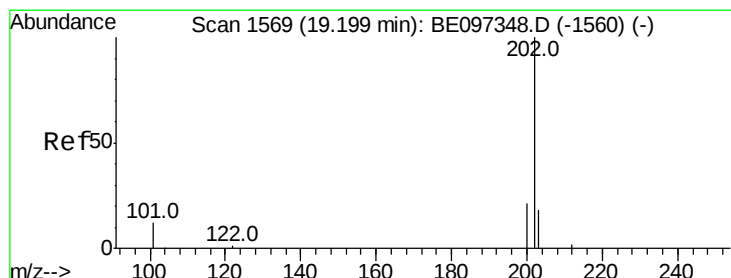
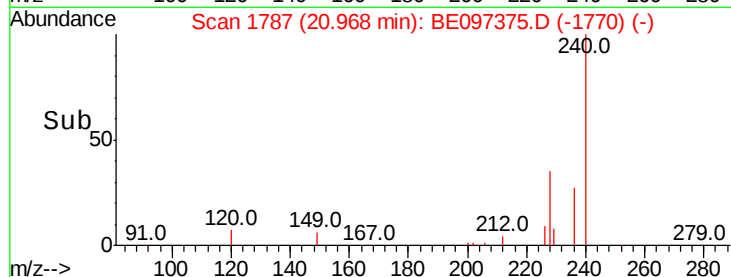
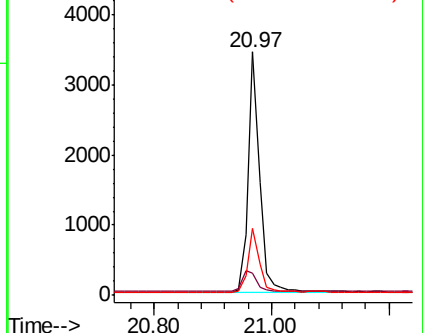
236 27.7 20.7 31.1



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: 0.450 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

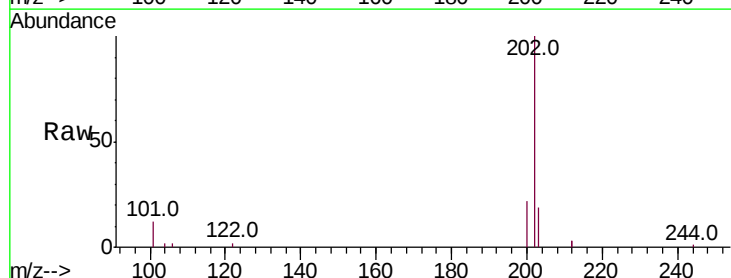
Tgt Ion:202 Resp: 5018

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

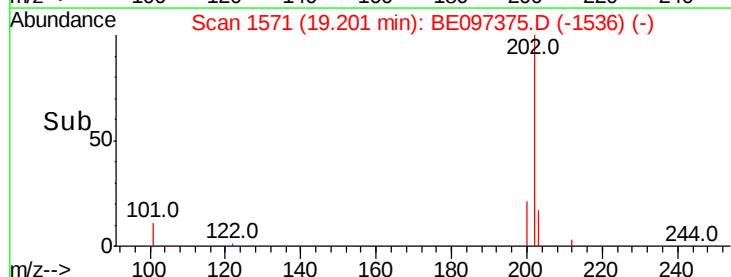
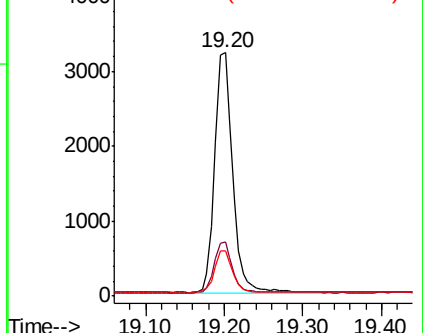
203 17.8 13.8 20.8

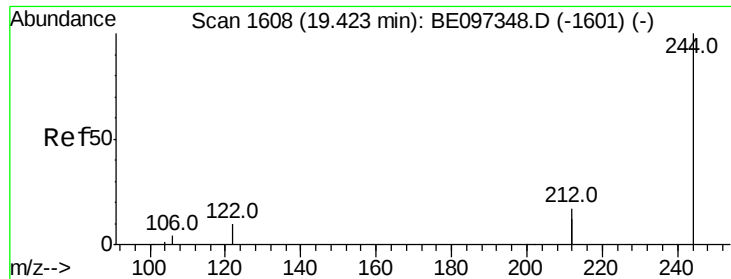


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.42 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

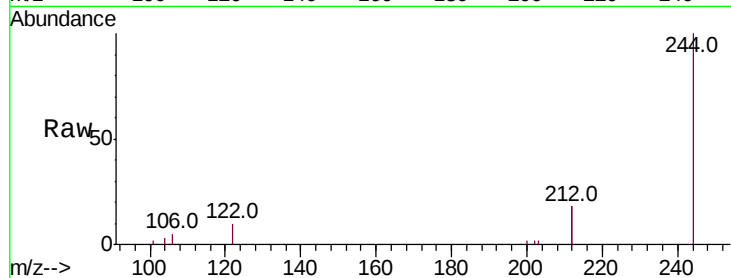
Tot Ion:244 Resp: 3559

Ion Ratio Lower Upper

244 100

212 35.1 25.4 38.0

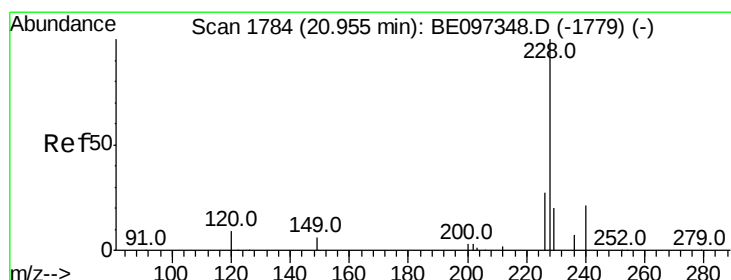
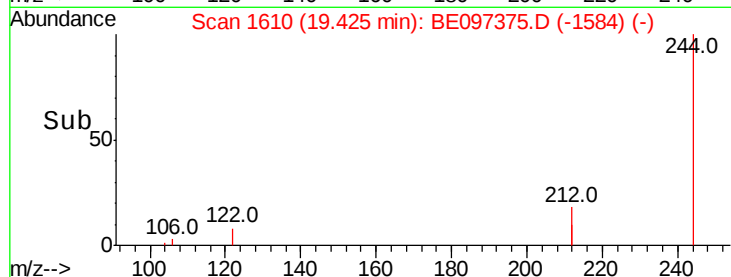
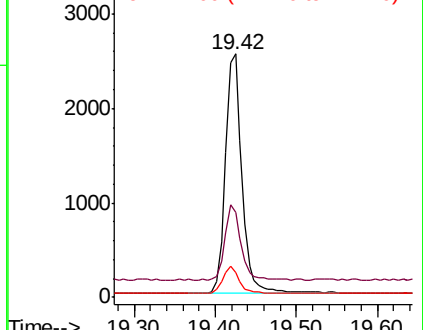
122 10.0 8.1 12.1



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: 0.395 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

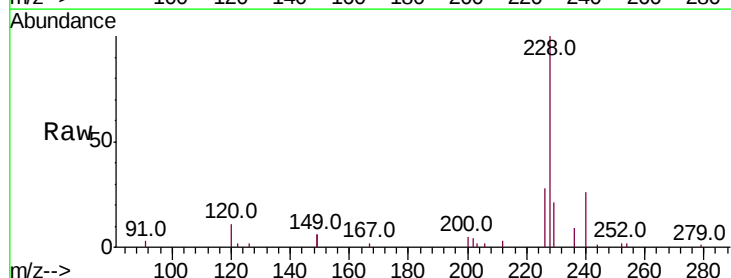
Tgt Ion:228 Resp: 4677

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

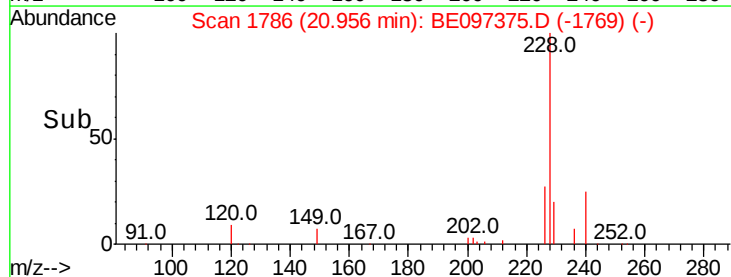
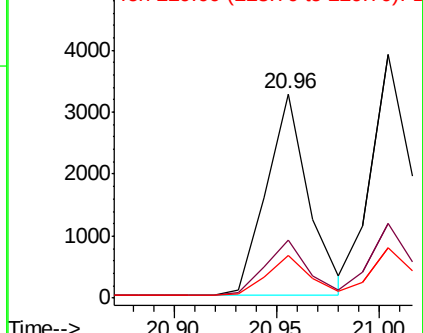
229 20.7 16.0 24.0

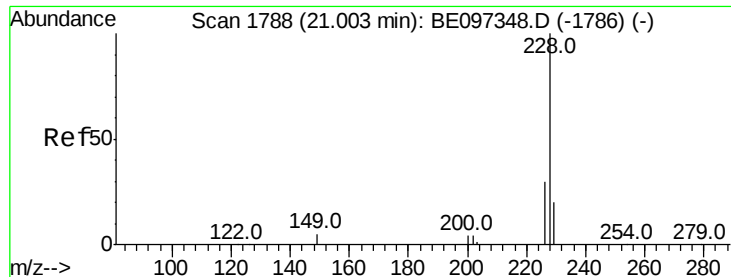


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.419 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

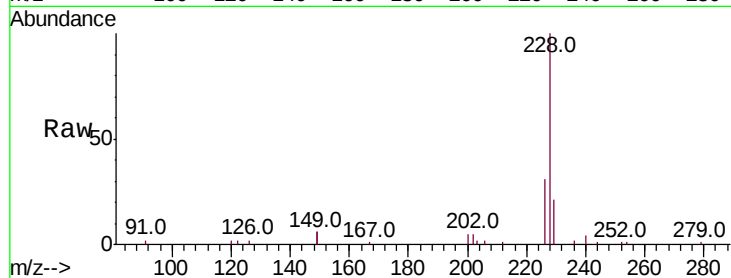
BNA_E

ClientSampleId :

PB112378BS

Tot Ion:228 Resp: 5348

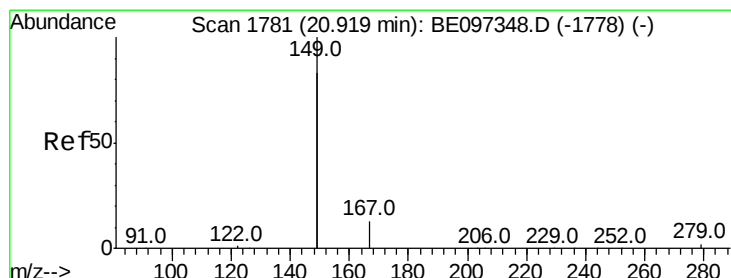
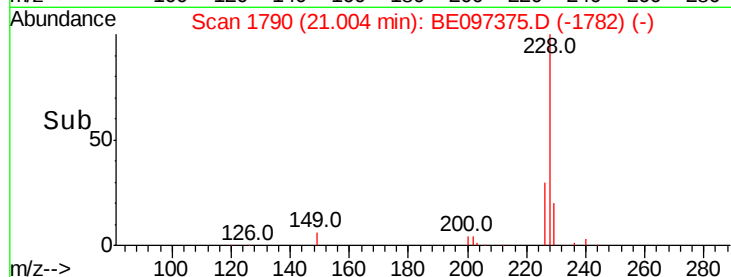
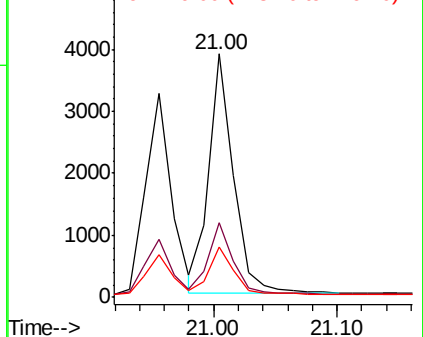
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.9	16.0	24.0



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: 0.363 ng

RT: 20.91 min Scan# 1782

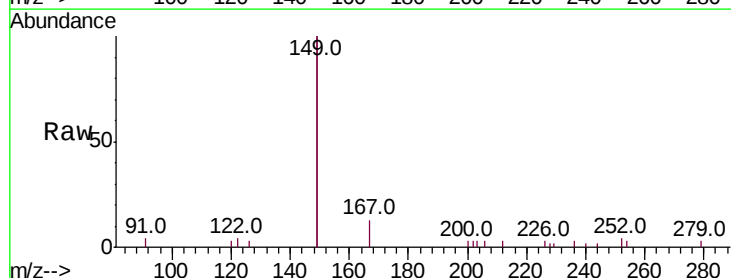
Delta R.T. -0.01 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Tgt Ion:149 Resp: 4687

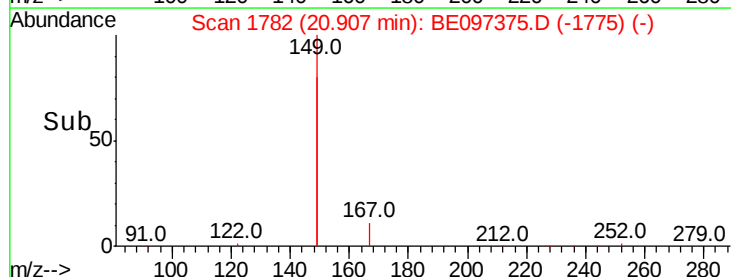
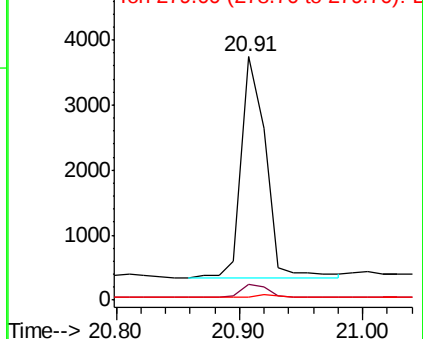
Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1

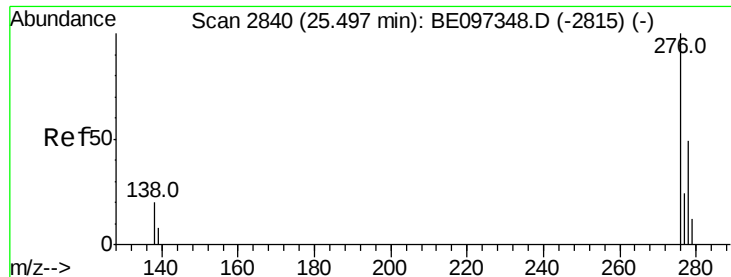


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

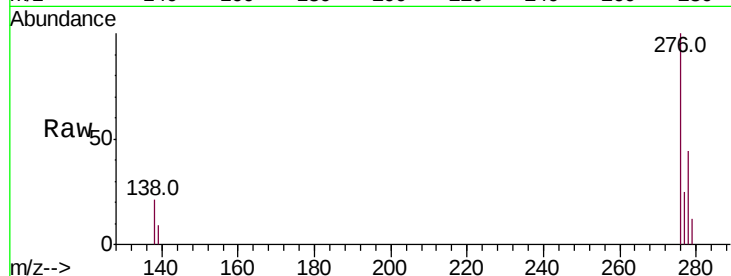




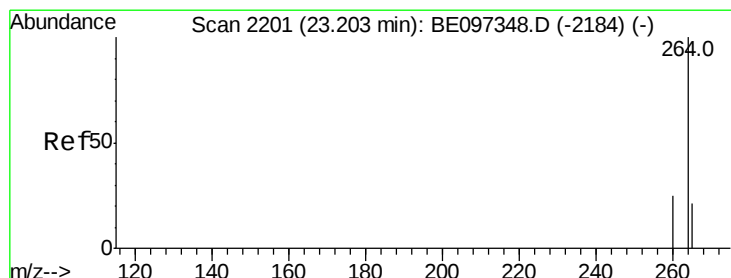
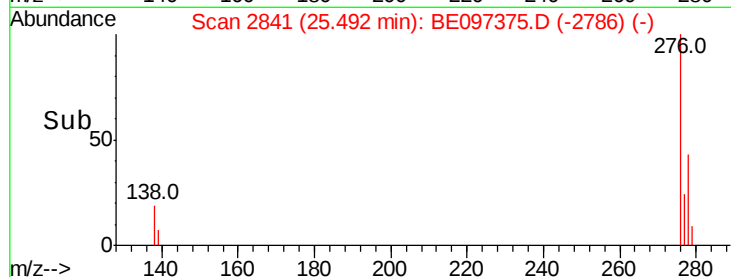
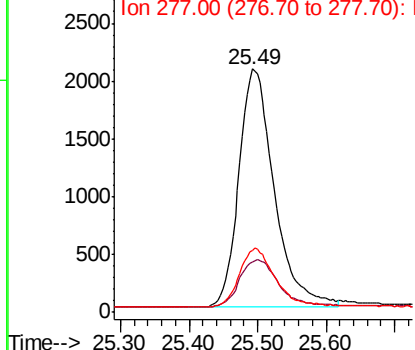
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.477 ng
 RT: 25.49 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BE097375.D
 Acq: 28 Aug 2018 11:53

Instrument :
 BNA_E
 ClientSampleId :
 PB112378BS

Tot Ion:276 Resp: 7404
 Ion Ratio Lower Upper
 276 100
 138 21.5 22.5 33.7#
 277 24.8 19.9 29.9

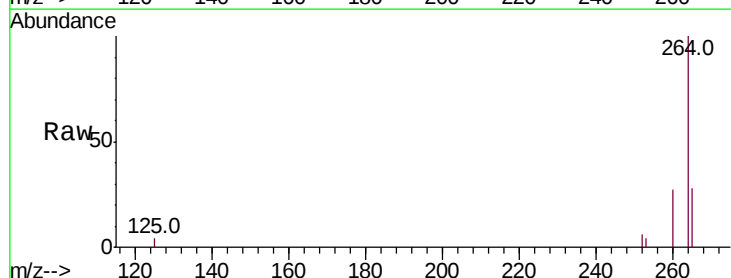


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

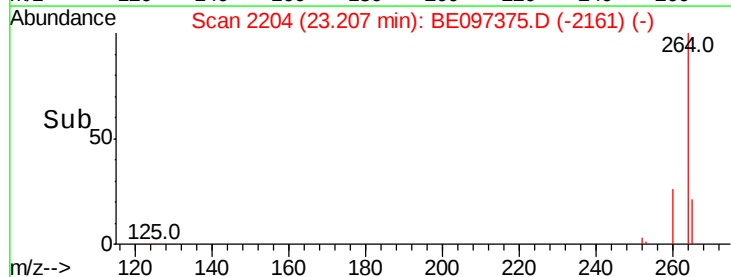
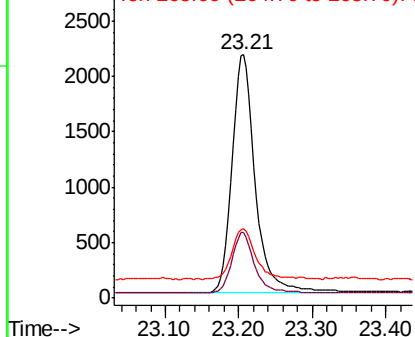


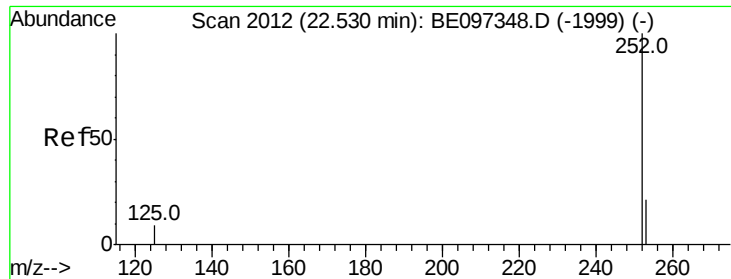
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097375.D
 Acq: 28 Aug 2018 11:53

Tgt Ion:264 Resp: 4777
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.5 30.7
 265 28.4 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: 0.413 ng

RT: 22.53 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

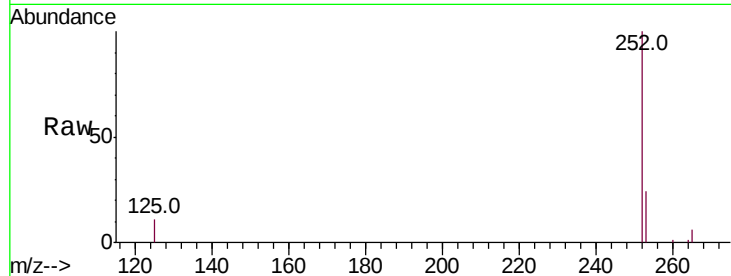
Tot Ion:252 Resp: 5294

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

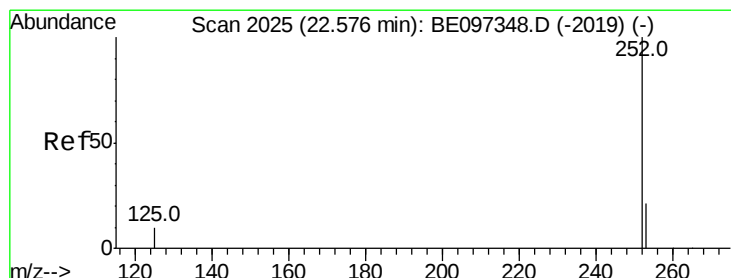
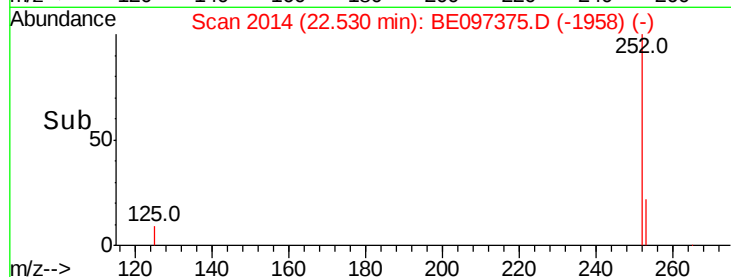
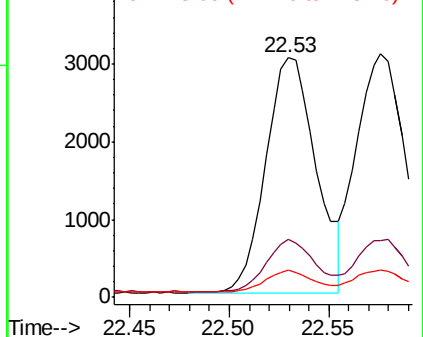
125 11.2 16.0 24.0#



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: 0.396 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

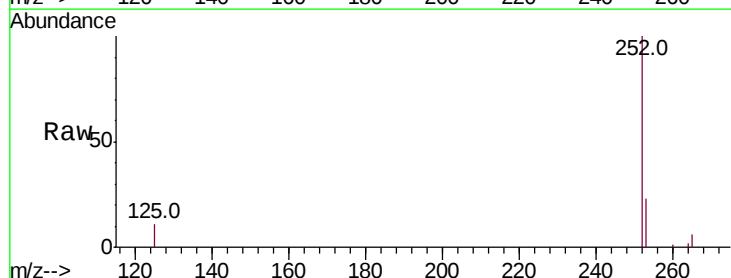
Tgt Ion:252 Resp: 5610

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

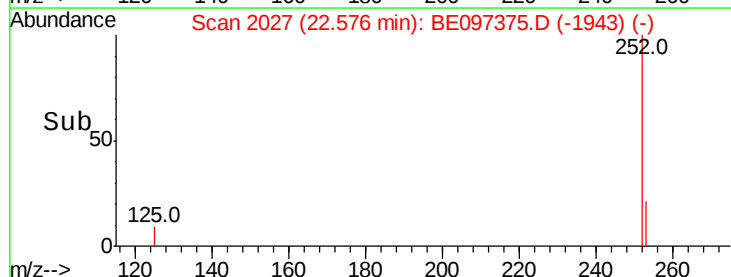
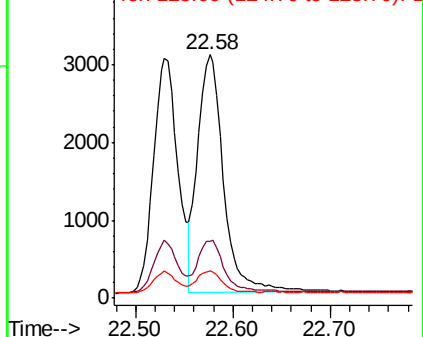
125 11.1 8.0 12.0

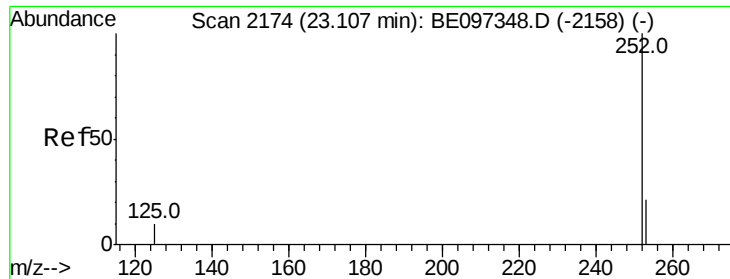


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

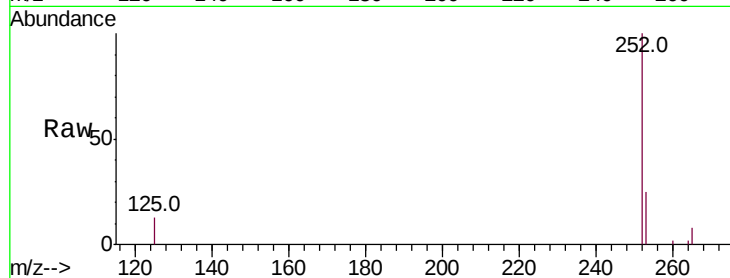
Tot Ion:252 Resp: 4891

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

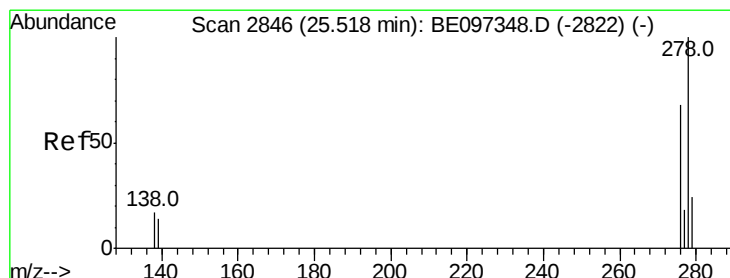
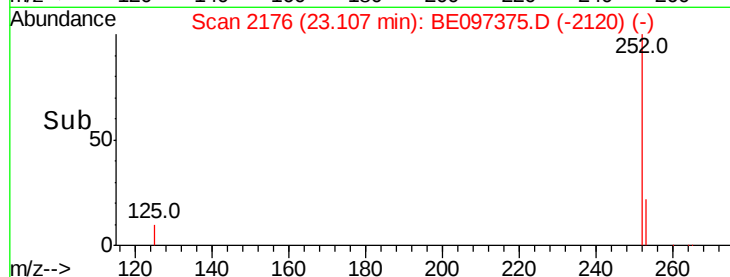
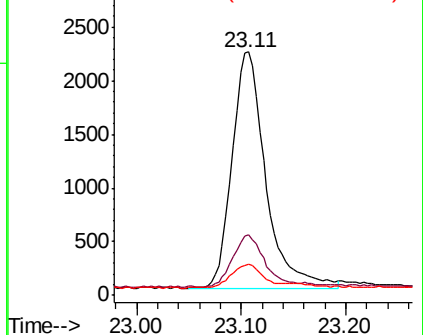
125 12.6 12.0 18.0



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: 25.51 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

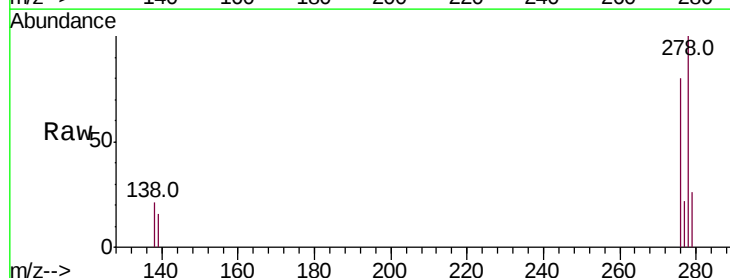
Tgt Ion:278 Resp: 6403

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

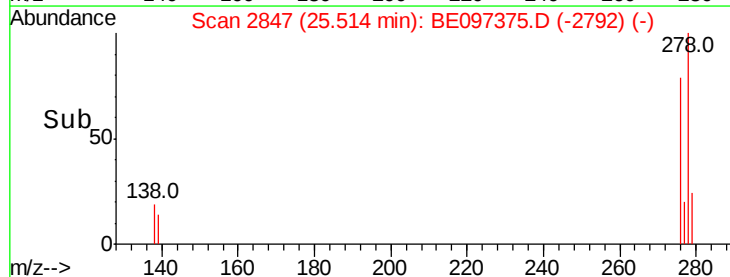
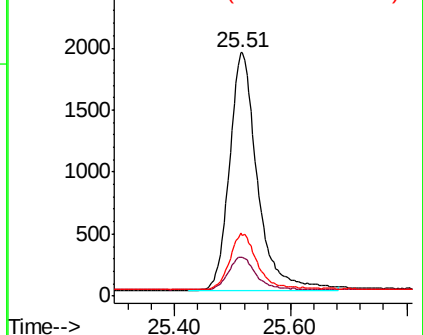
279 25.7 20.0 30.0

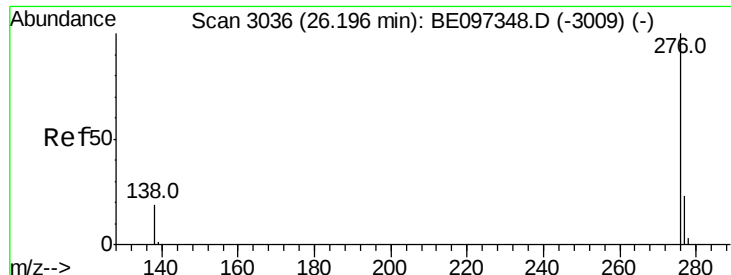


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.454 ng

RT: 26.19 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BE097375.D

Acq: 28 Aug 2018 11:53

Instrument :

BNA_E

ClientSampleId :

PB112378BS

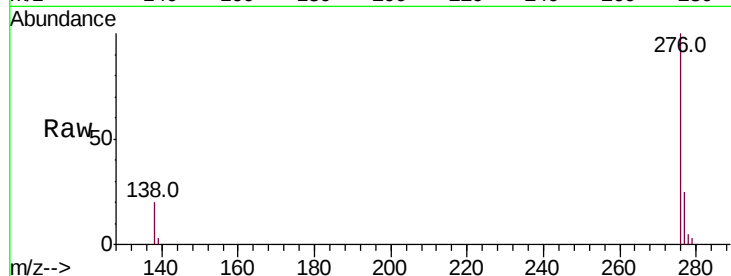
Tot Ion:276 Resp: 6673

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 20.4 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

