

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097492.D
 Acq On : 17 Sep 2018 11:55
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 17 13:07:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 13:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	975	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4559	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2685	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7302	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9086	0.40	ng	0.00
34) Perylene-d12	23.21	264	9041	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	2580	0.89	ng	0.00
5) Phenol-d6	6.60	99	3327	0.86	ng	0.00
8) Nitrobenzene-d5	8.52	82	2780	0.85	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	5286	0.83	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1089	1.20	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	7750	0.79	ng	0.00
25) Fluoranthene-d10	18.80	212	69203	0.83	ng	0.00
29) Terphenyl-d14	19.42	244	14162	0.84	ng	0.00

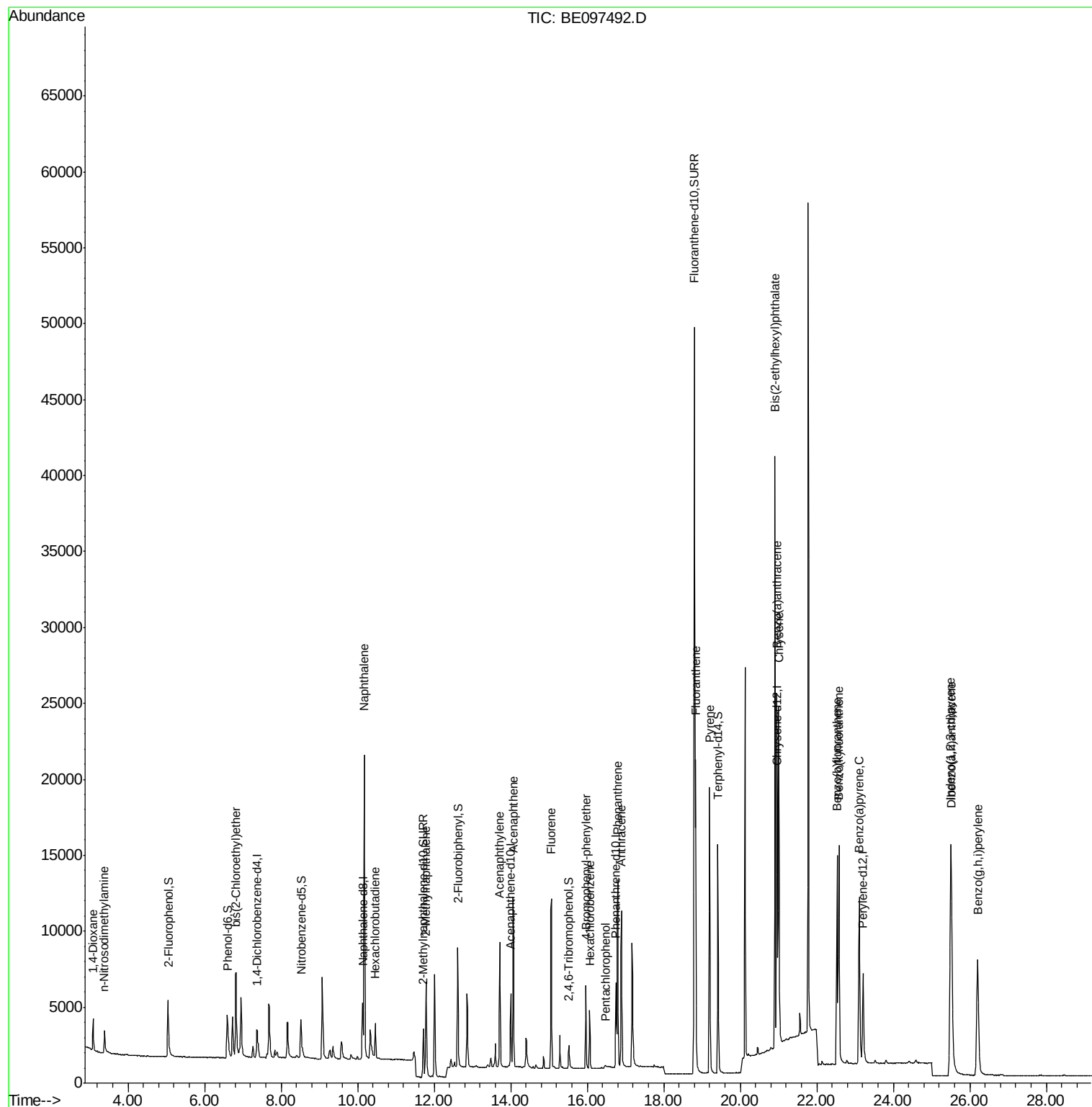
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	1277	0.737	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	1153	0.712	ng	# 93
6) bis(2-Chloroethyl)ether	6.83	93	2654	0.748	ng	88
9) Naphthalene	10.17	128	33395	0.805	ng	100
10) Hexachlorobutadiene	10.46	225	1536	0.828	ng	98
12) 2-Methylnaphthalene	11.79	142	5405	0.826	ng	99
16) Acenaphthylene	13.71	152	9145	0.856	ng	100
17) Acenaphthene	14.06	154	5859	0.823	ng	97
18) Fluorene	15.06	166	7508	0.833	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	2801	0.844	ng	# 85
21) Hexachlorobenzene	16.07	284	2987	0.814	ng	# 84
22) Pentachlorophenol	16.47	266	262	0.260	ng	90
23) Phenanthrene	16.80	178	13991	0.805	ng	99
24) Anthracene	16.89	178	12673	0.857	ng	95
26) Fluoranthene	18.83	202	17988	0.826	ng	99
28) Pyrene	19.20	202	18885	0.873	ng	100
30) Benzo(a)anthracene	20.96	228	18807	0.818	ng	96
31) Chrysene	21.00	228	19779	0.800	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	39918	1.292	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	23203	0.661	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	18090	0.700	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	20524	0.718	ng	95
37) Benzo(a)pyrene	23.11	252	18420	0.790	ng	# 91
38) Dibenzo(a,h)anthracene	25.52	278	19278	0.629	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	19542	0.618	ng	# 89

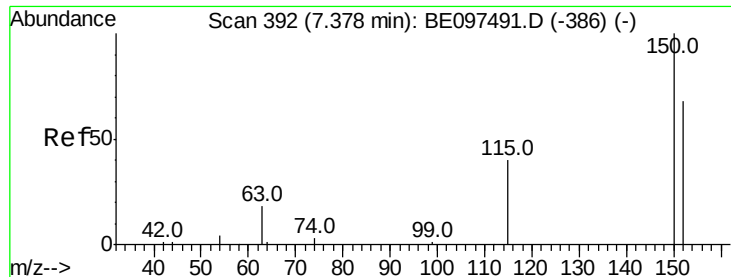
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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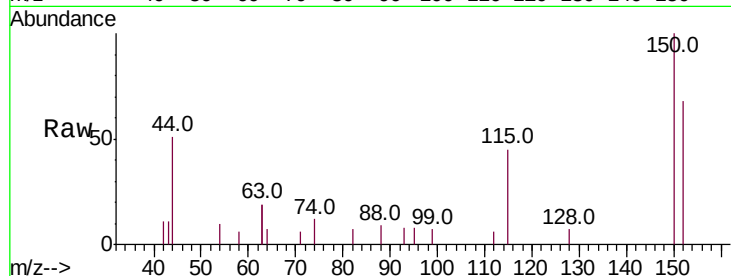


#1

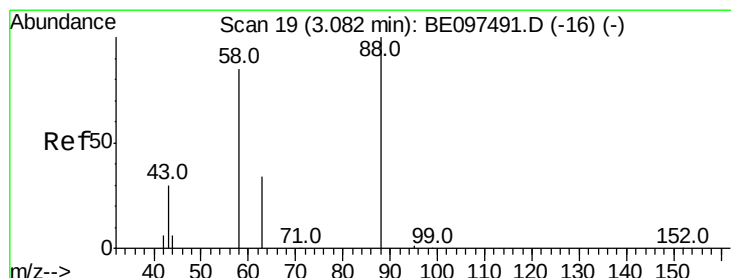
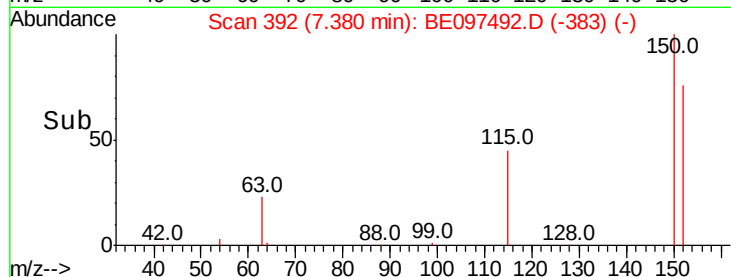
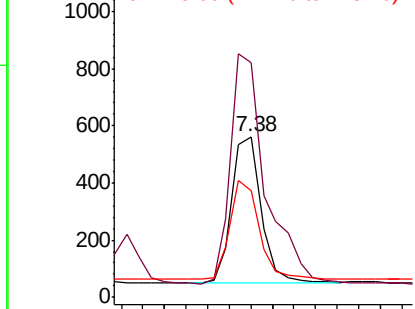
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 975
Ion Ratio Lower Upper
152 100
150 146.1 117.2 175.8
115 66.2 57.0 85.6



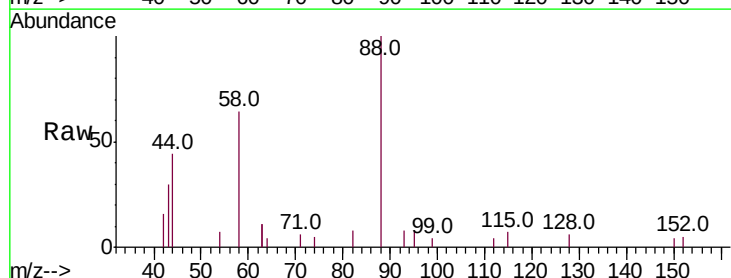
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



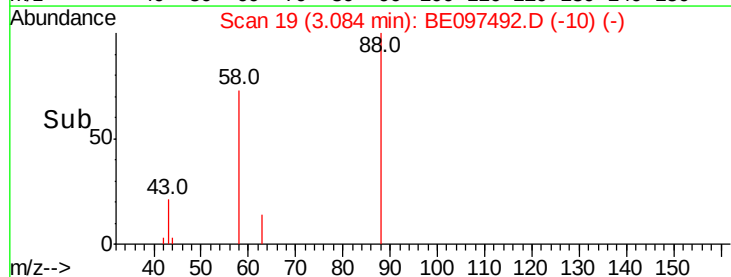
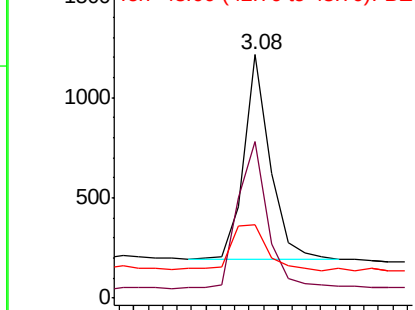
#2

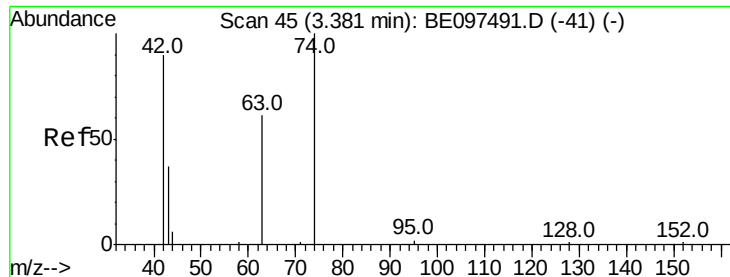
1,4-Dioxane
Concen: 0.737 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion: 88 Resp: 1277
Ion Ratio Lower Upper
88 100
58 82.1 63.2 94.8
43 31.2 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

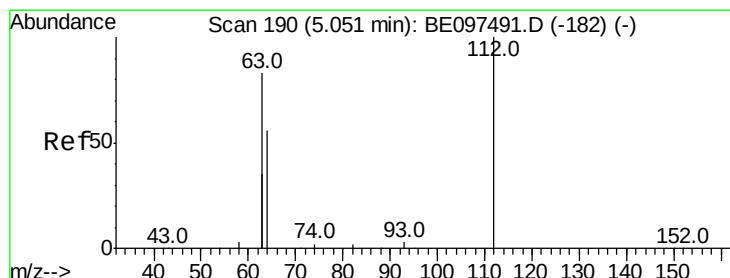
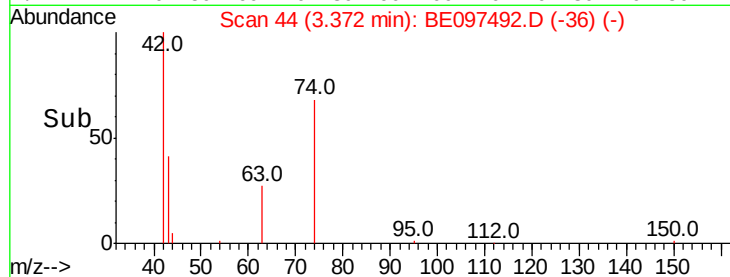
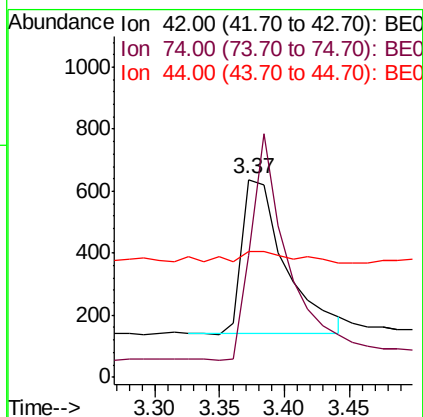
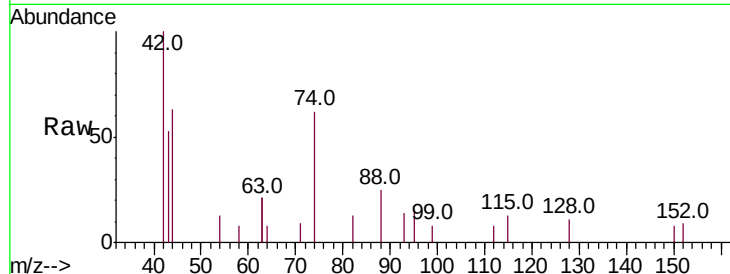




#3
n-Nitrosodimethylamine
Concen: 0.712 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

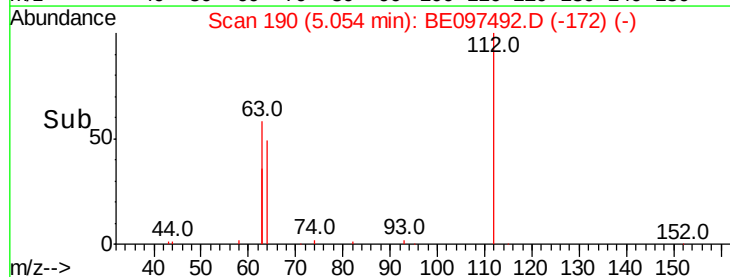
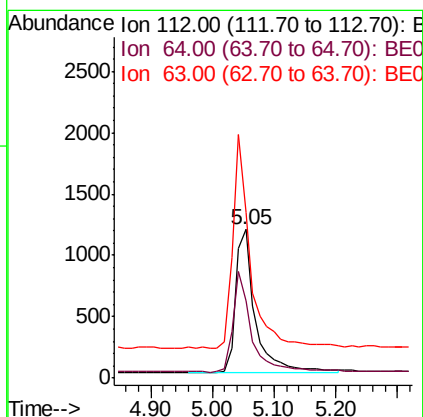
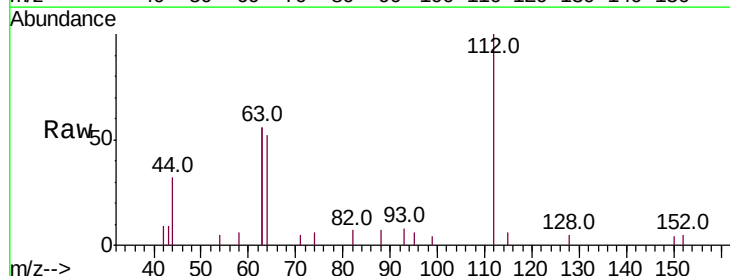
Instrument :
BNA_E
ClientSampleId :

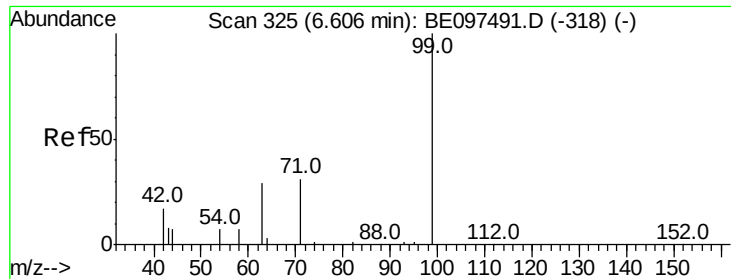
Tot Ion: 42 Resp: 1153
Ion Ratio Lower Upper
42 100
74 126.6 96.0 144.0
44 10.0 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.895 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion: 112 Resp: 2580
Ion Ratio Lower Upper
112 100
64 66.3 60.1 90.1
63 133.1 116.8 175.2





#5

Phenol-d6

Concen: 0.864 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampled :

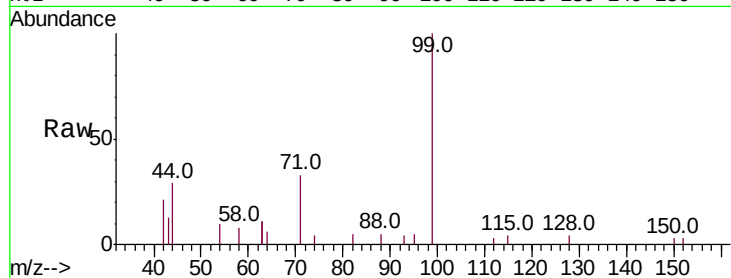
Tot Ion: 99 Resp: 3327

Ion Ratio Lower Upper

99 100

42 20.9 20.2 30.2

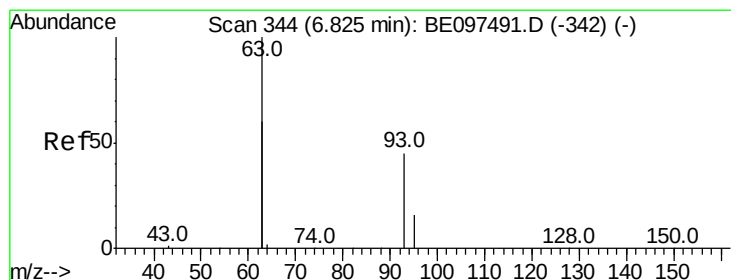
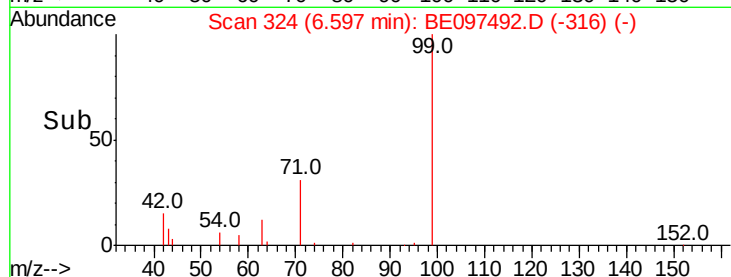
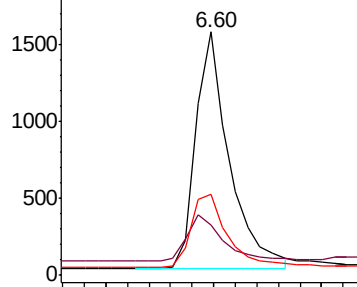
71 33.7 28.4 42.6



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: 0.748 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

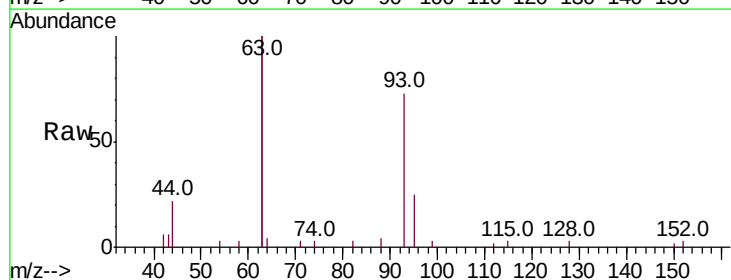
Tgt Ion: 93 Resp: 2654

Ion Ratio Lower Upper

93 100

63 316.9 275.3 412.9

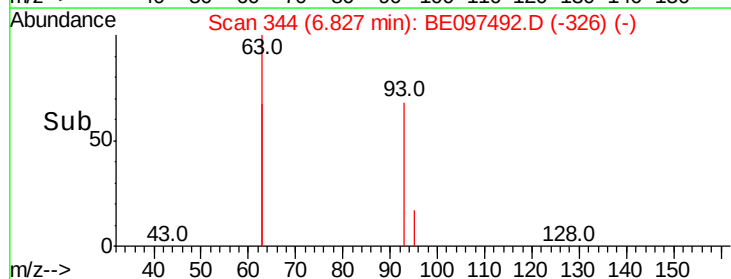
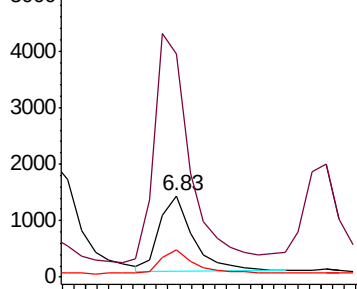
95 33.3 25.2 37.8

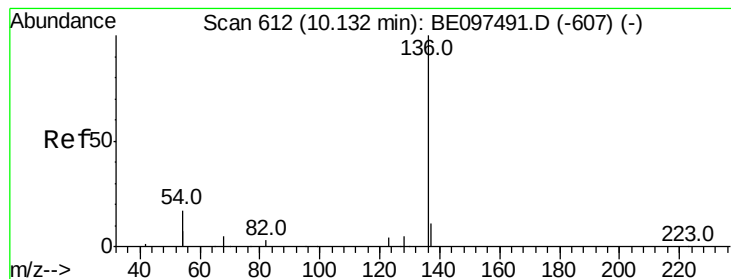


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4559

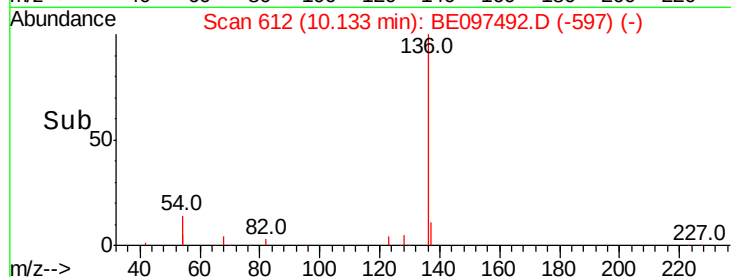
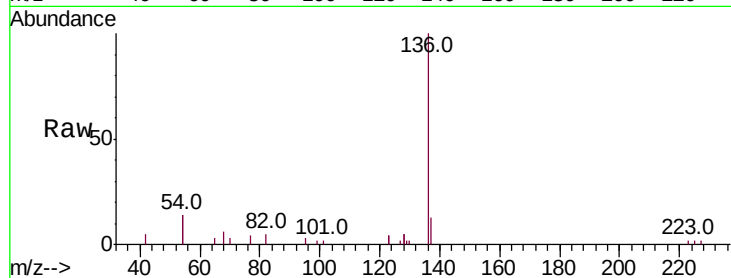
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 28.4 29.1 43.7#

68 6.4 6.2 9.2

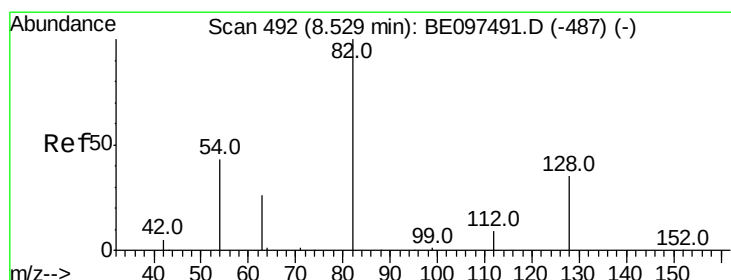
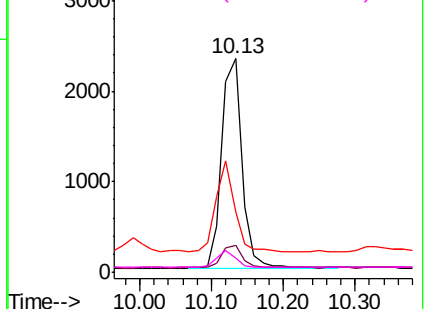


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.851 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

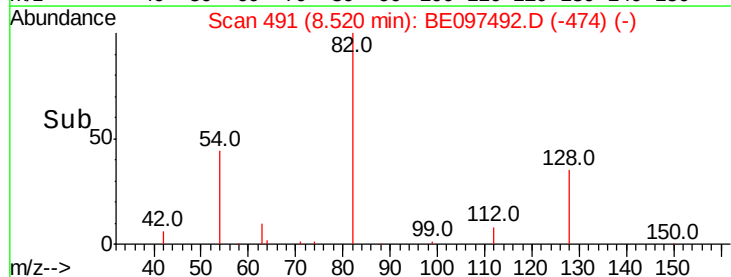
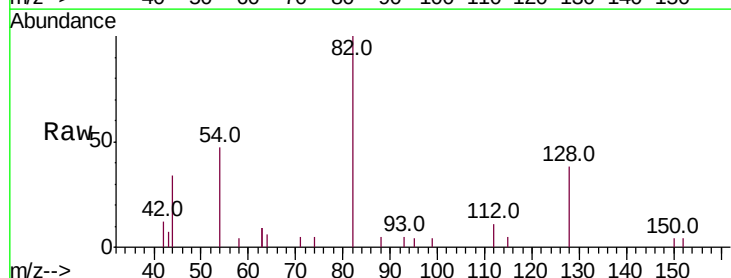
Tgt Ion: 82 Resp: 2780

Ion Ratio Lower Upper

82 100

128 37.9 24.0 36.0#

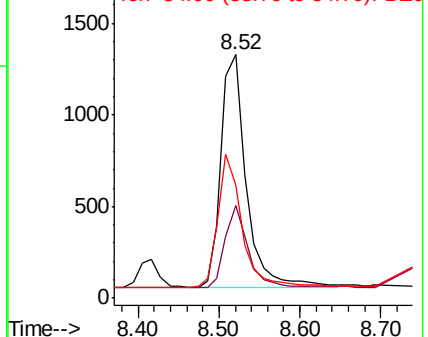
54 46.6 40.0 60.0

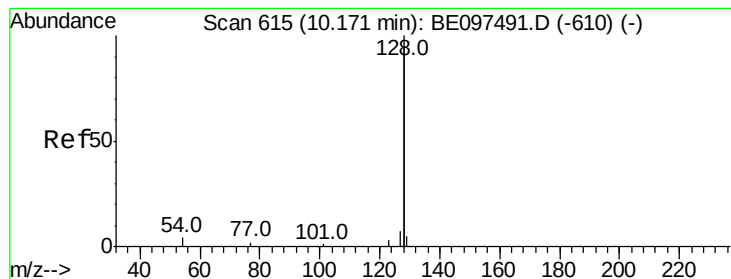


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.805 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampled :

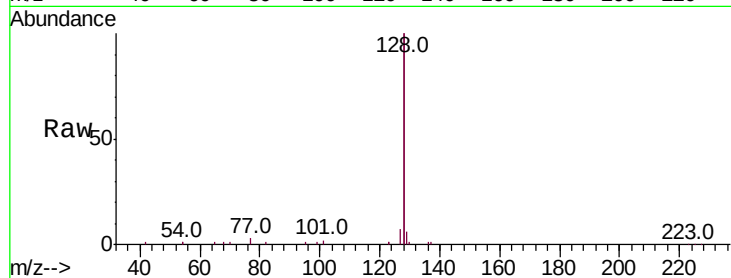
Tot Ion:128 Resp: 33395

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

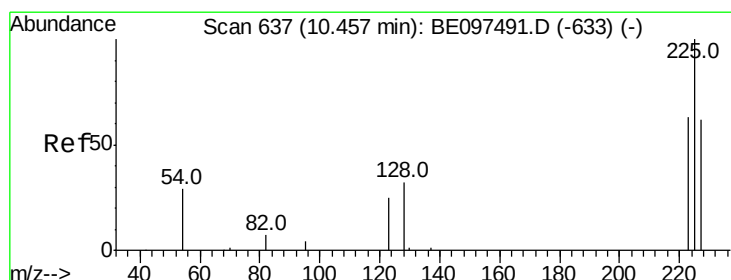
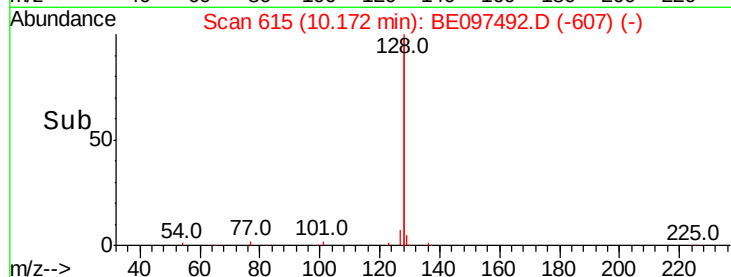
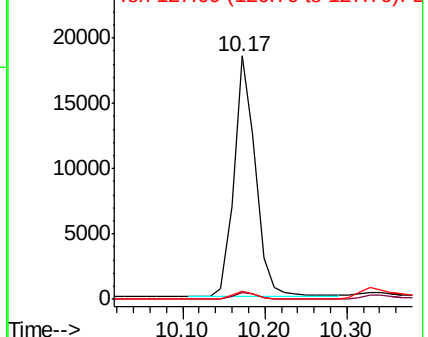
127 3.5 2.8 4.2



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: 0.828 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

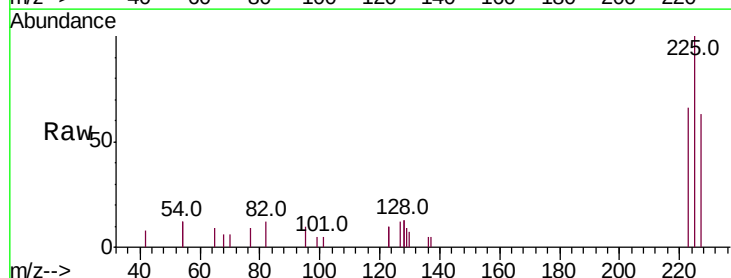
Tgt Ion:225 Resp: 1536

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

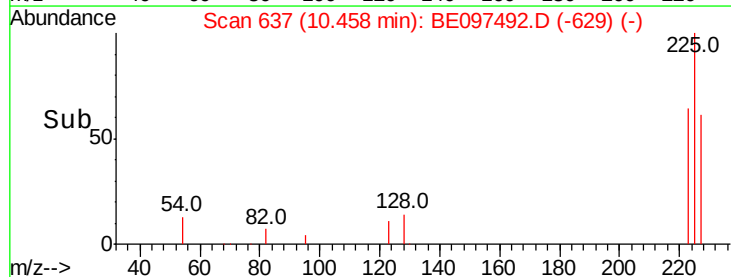
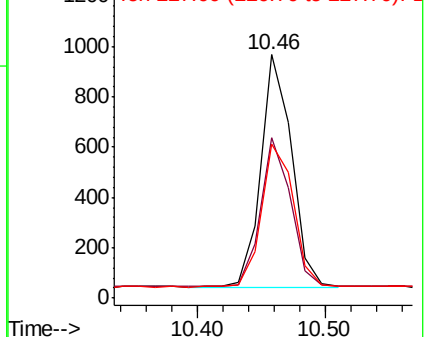
227 64.6 51.4 77.2

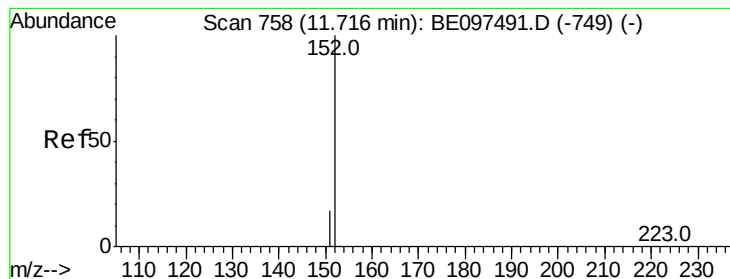


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.832 ng

RT: 11.71 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

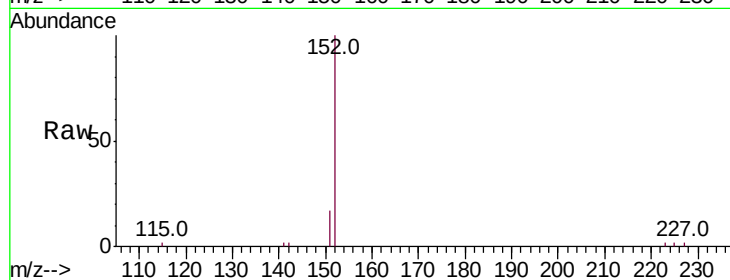
ClientSampleId :

Tot Ion:152 Resp: 5286

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

2500

2000

1500

1000

500

0

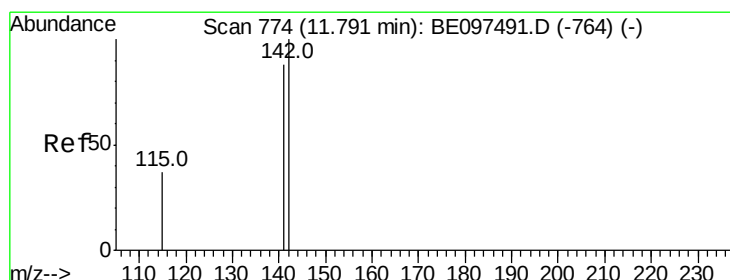
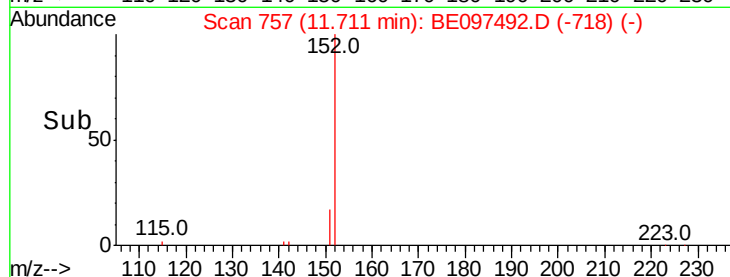
Time-->

11.60

11.70

11.80

11.90



#12

2-Methylnaphthalene

Concen: 0.826 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

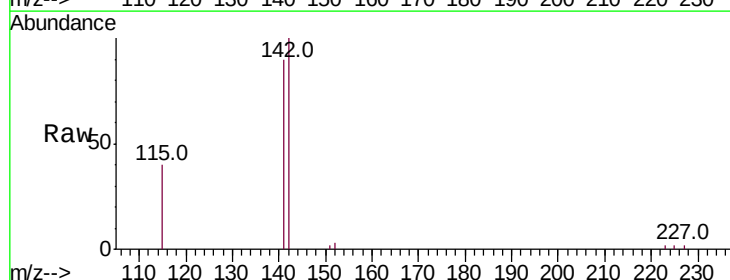
Tgt Ion:142 Resp: 5405

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

115 39.9 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.79

3000

2000

1000

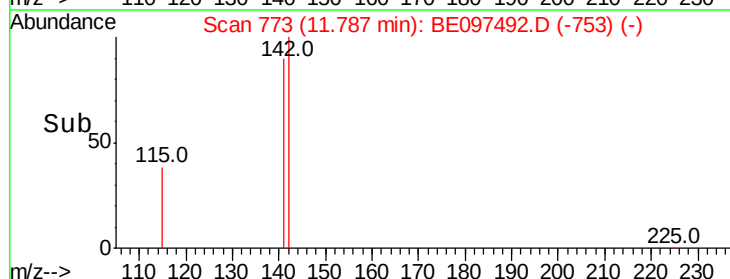
0

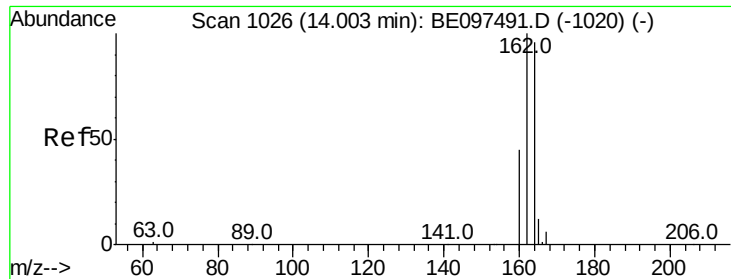
Time-->

11.70

11.80

11.90

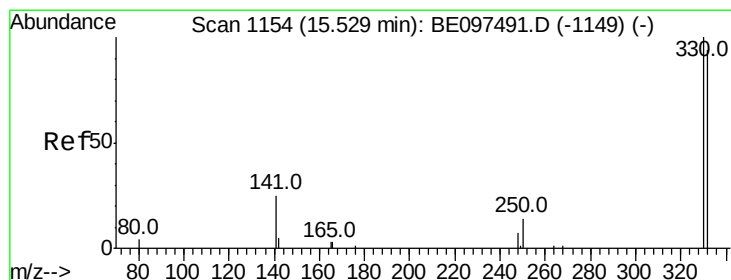
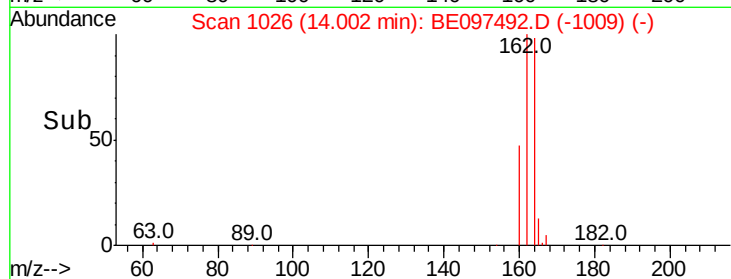
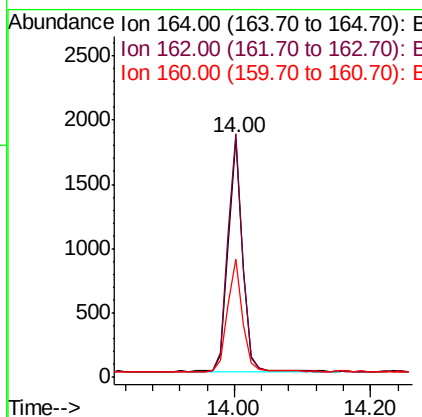
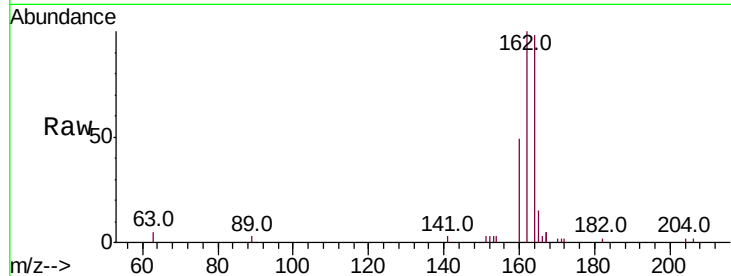




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097492.D
 Acq: 17 Sep 2018 11:55

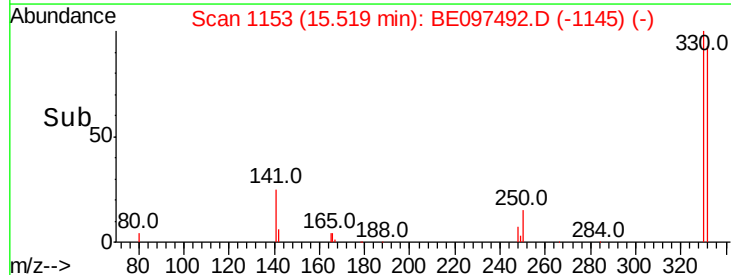
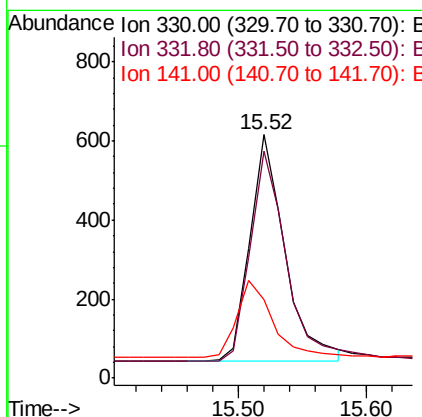
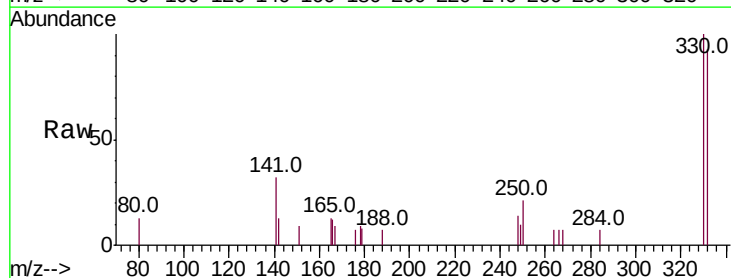
Instrument :
 BNA_E
 ClientSampleId :

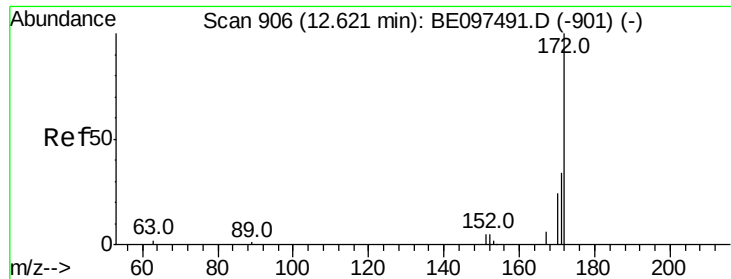
Tot Ion:164 Resp: 2685
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.1 124.7
 160 49.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 1.199 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097492.D
 Acq: 17 Sep 2018 11:55

Tgt Ion:330 Resp: 1089
 Ion Ratio Lower Upper
 330 100
 332 95.1 152.7 229.1#
 141 35.4 33.7 50.5

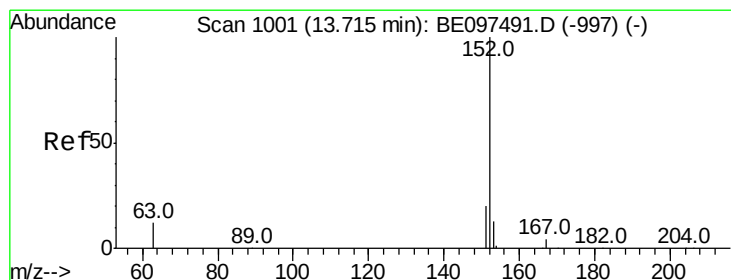
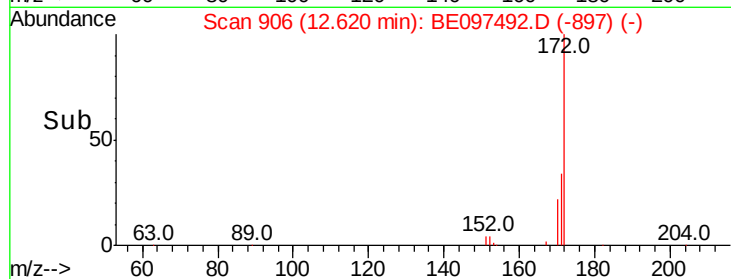
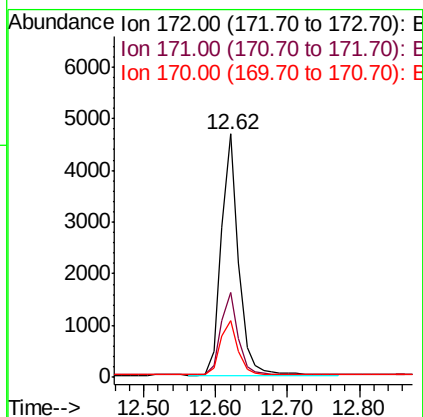
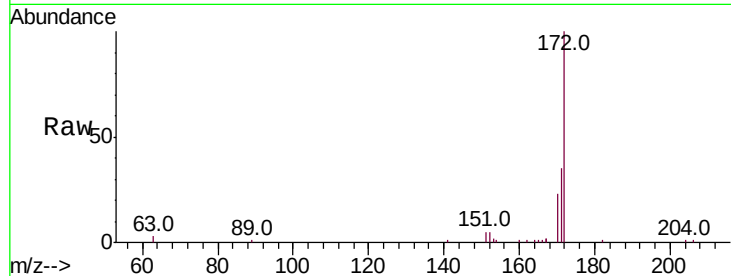




#15
2-Fluorobiphenyl
Concen: 0.786 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

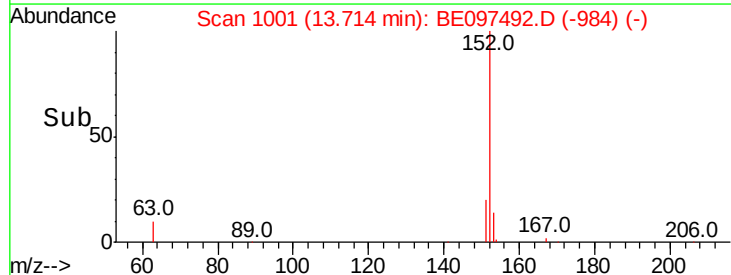
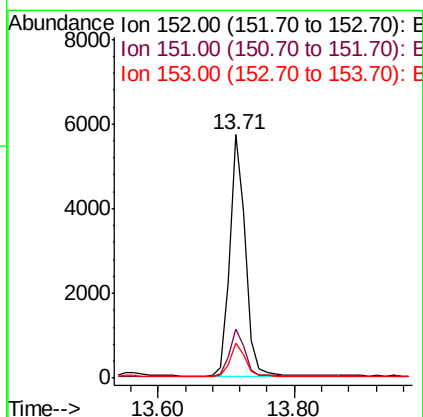
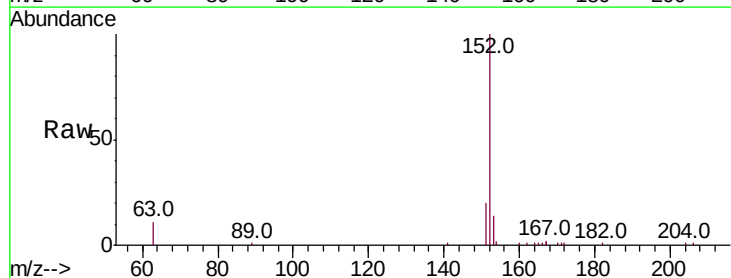
Instrument :
BNA_E
ClientSampleId :

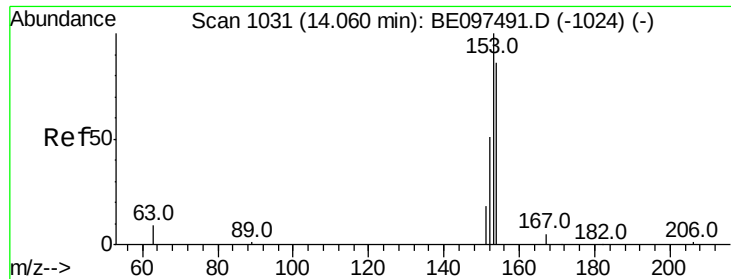
Tot Ion:172 Resp: 7750
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.856 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:152 Resp: 9145
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.4 10.5 15.7

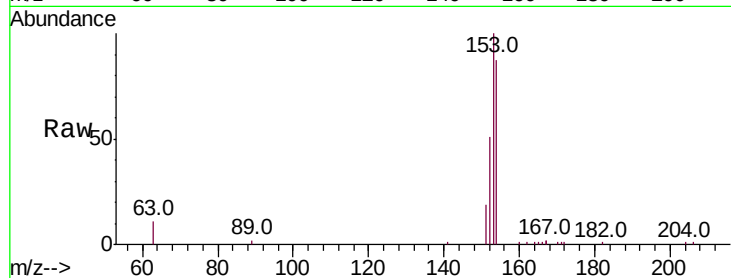




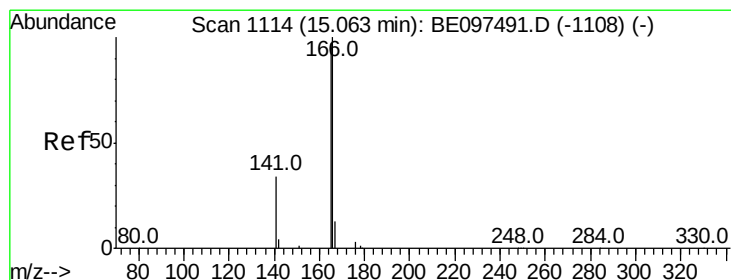
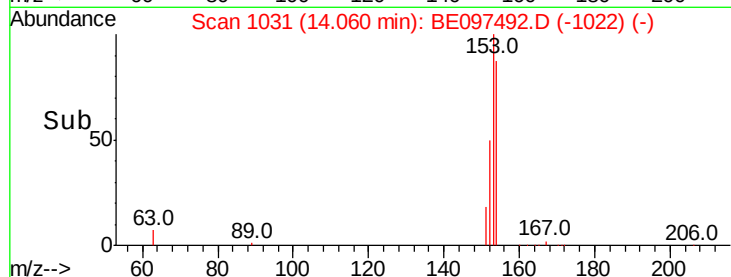
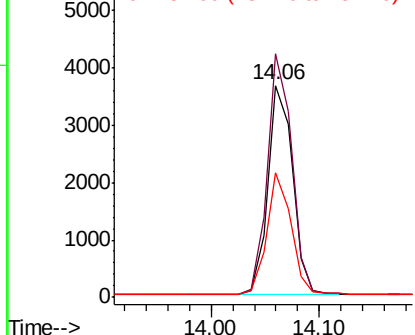
#17
Acenaphthene
Concen: 0.823 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 5859
Ion Ratio Lower Upper
154 100
153 113.3 89.2 133.8
152 56.2 42.0 63.0

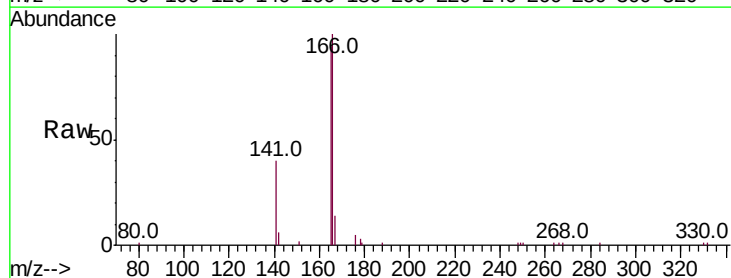


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

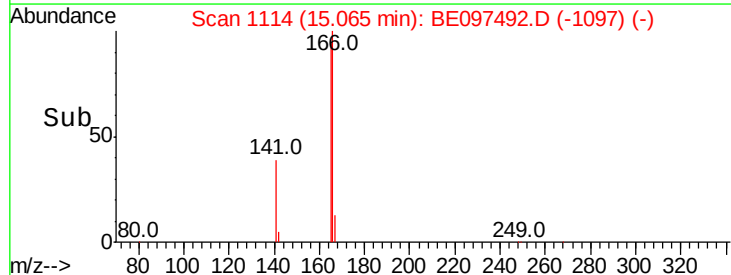
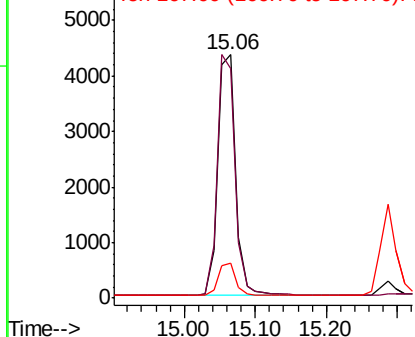


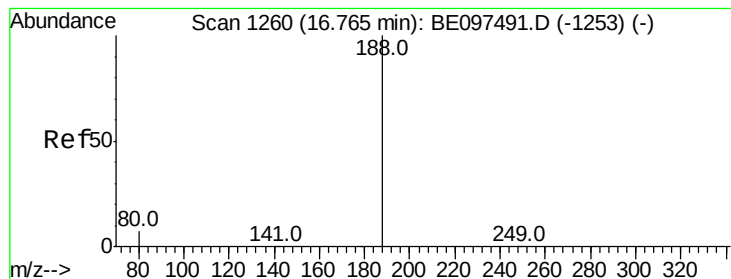
#18
Fluorene
Concen: 0.833 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:166 Resp: 7508
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.6
167 13.3 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: 16.75 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

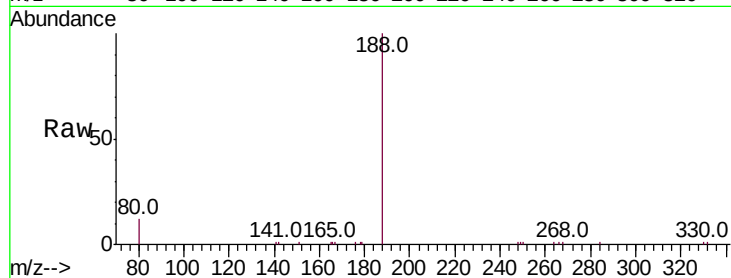
Tot Ion:188 Resp: 7302

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

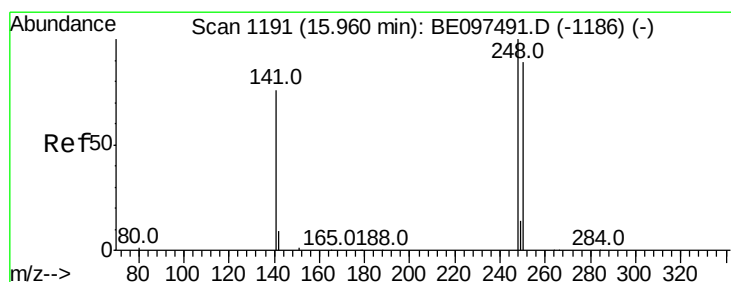
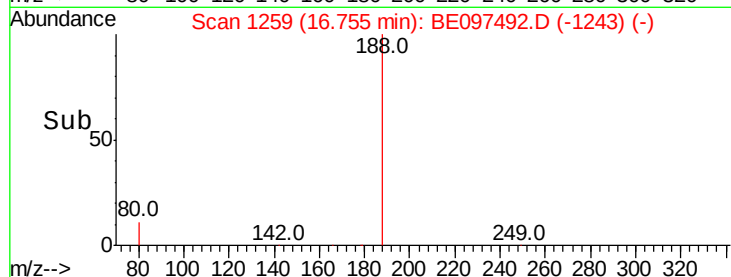
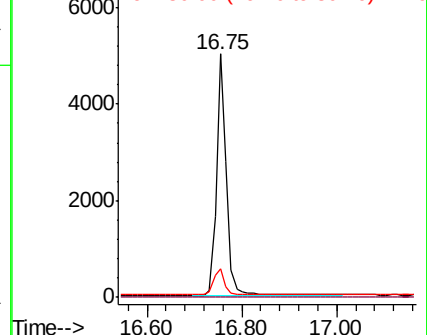
80 11.8 3.6 5.4#



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: 0.844 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

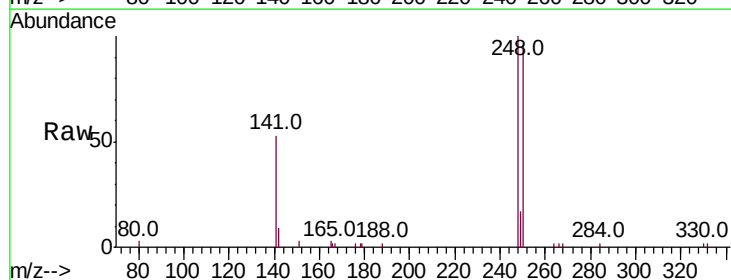
Tgt Ion:248 Resp: 2801

Ion Ratio Lower Upper

248 100

250 96.1 62.7 94.1#

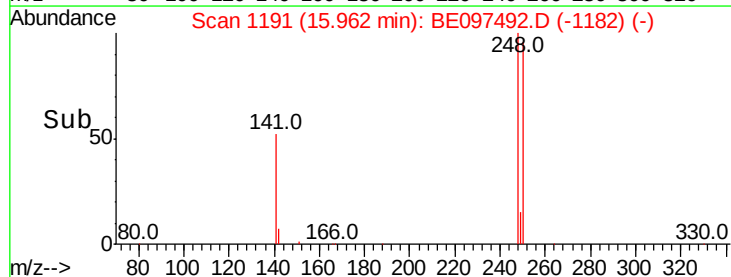
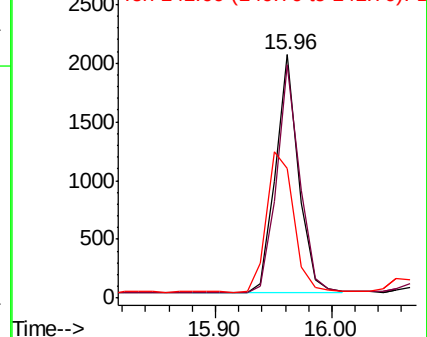
141 53.5 48.2 72.2

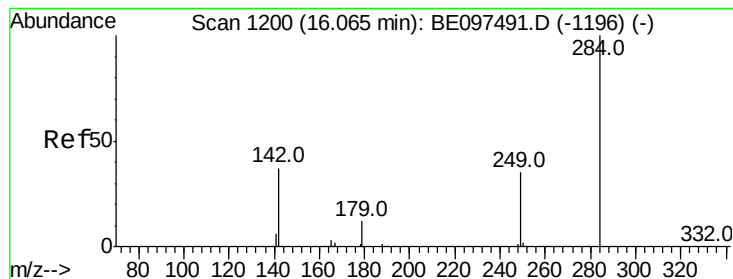


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.814 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampled :

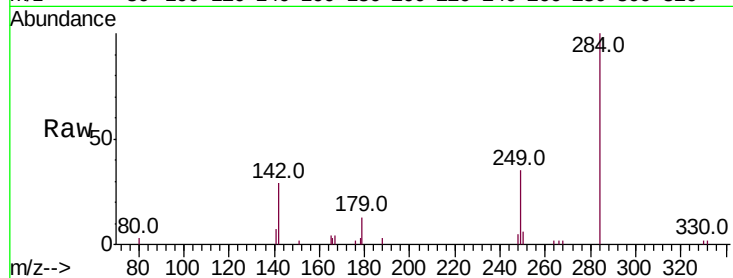
Tot Ion:284 Resp: 2987

Ion Ratio Lower Upper

284 100

142 32.6 22.1 33.1

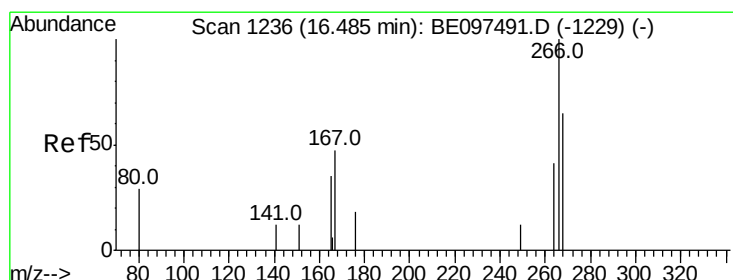
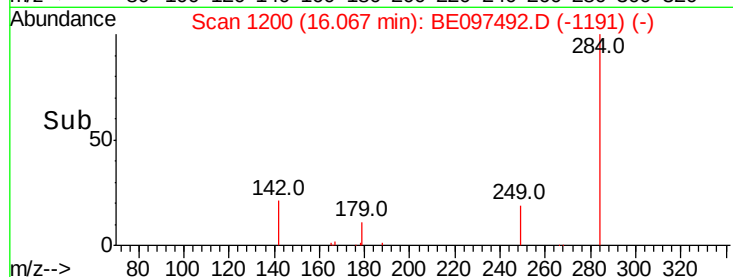
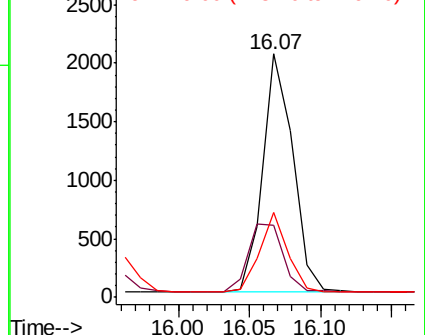
249 30.5 34.8 52.2#



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: 0.260 ng

RT: 16.47 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

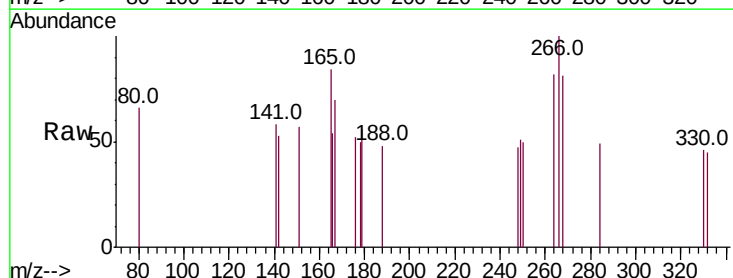
Tgt Ion:266 Resp: 262

Ion Ratio Lower Upper

266 100

264 82.3 72.5 108.7

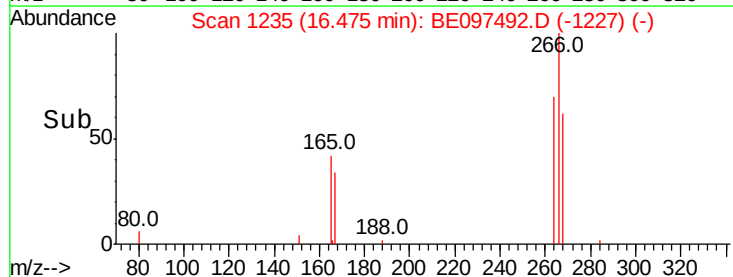
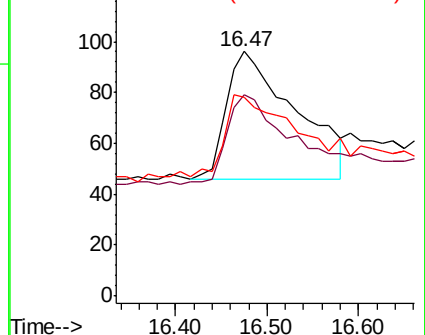
268 81.3 73.8 110.6

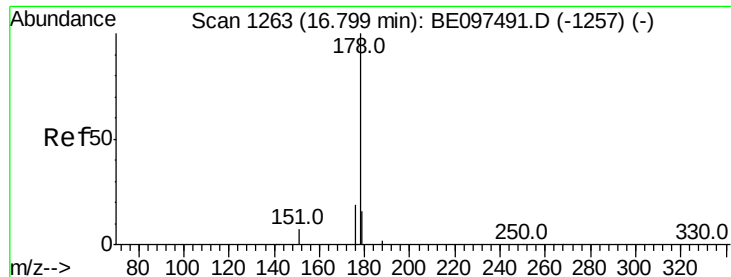


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.805 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampled :

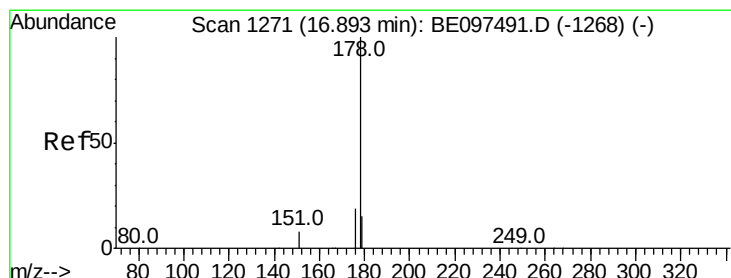
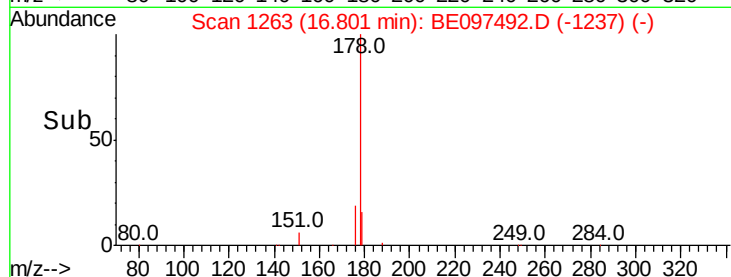
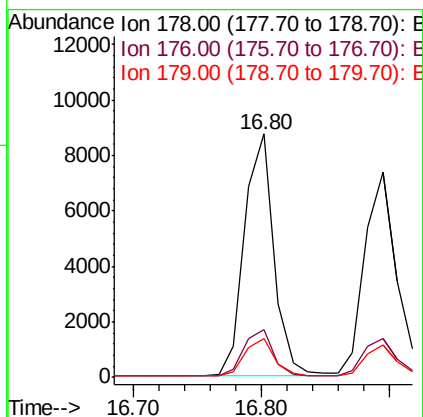
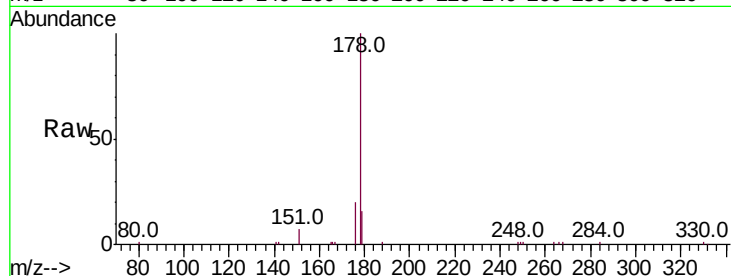
Tot Ion:178 Resp: 13991

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.6 11.8 17.6



#24

Anthracene

Concen: 0.857 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

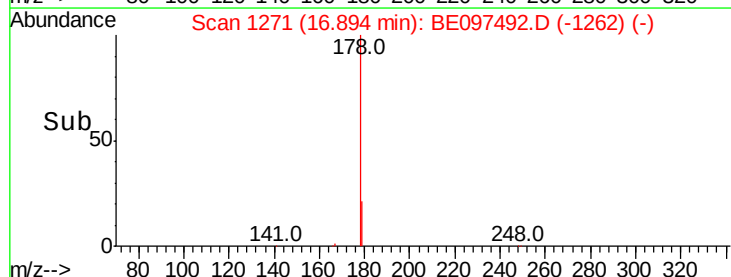
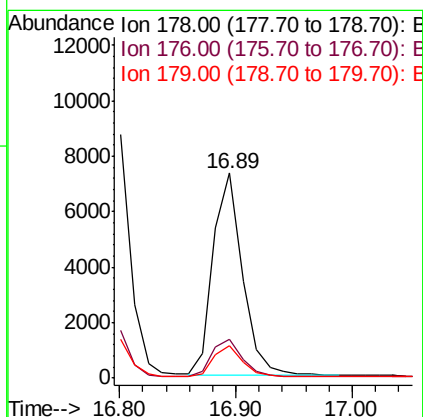
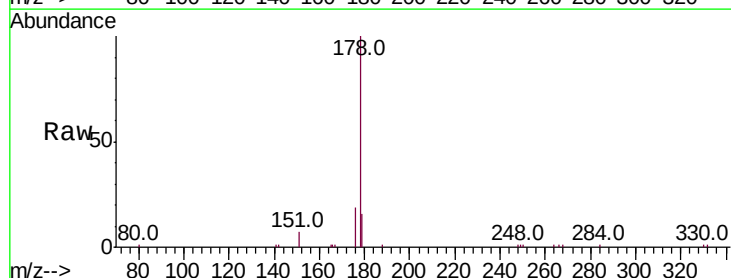
Tgt Ion:178 Resp: 12673

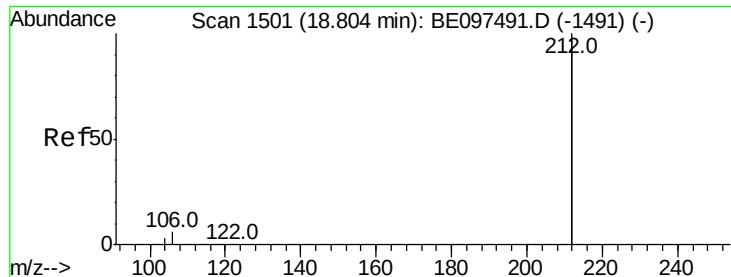
Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.826 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

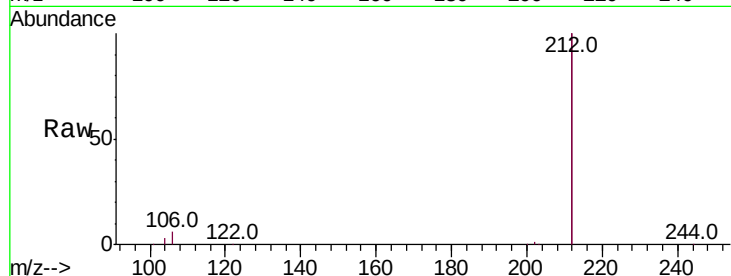
Tot Ion:212 Resp: 69203

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

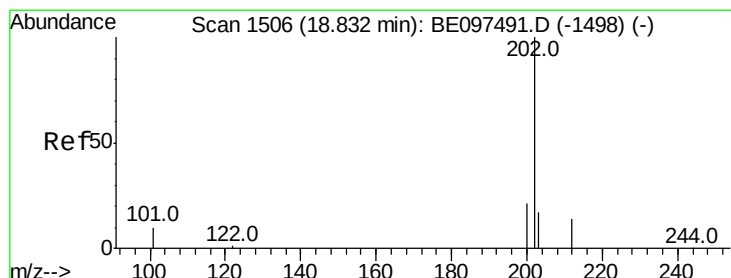
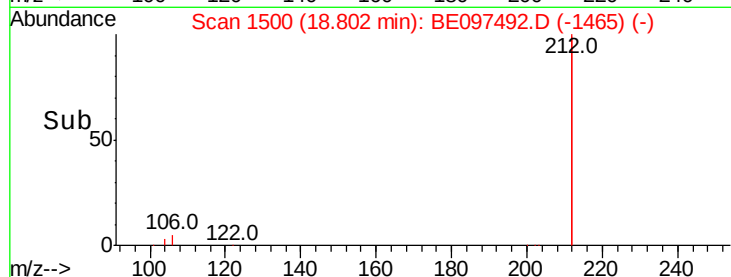
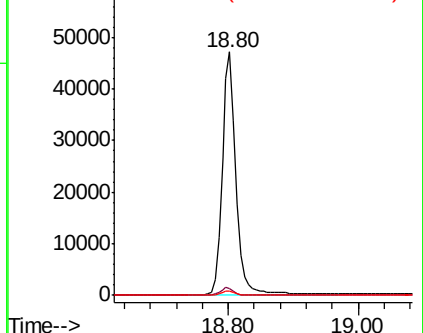
104 1.7 1.6 2.4



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: 0.826 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

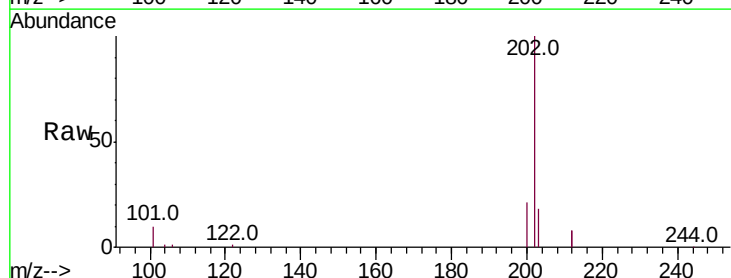
Tgt Ion:202 Resp: 17988

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

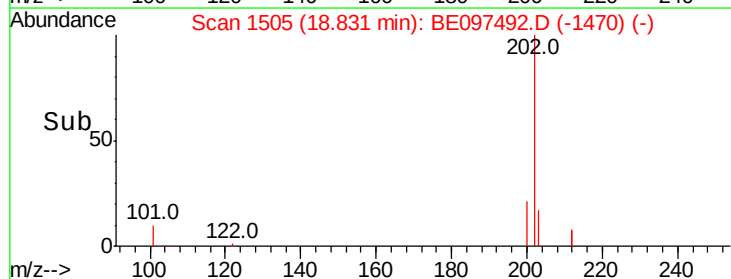
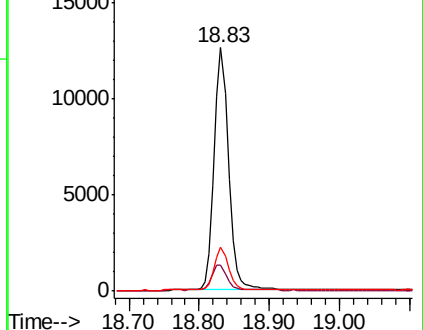
203 17.2 13.7 20.5

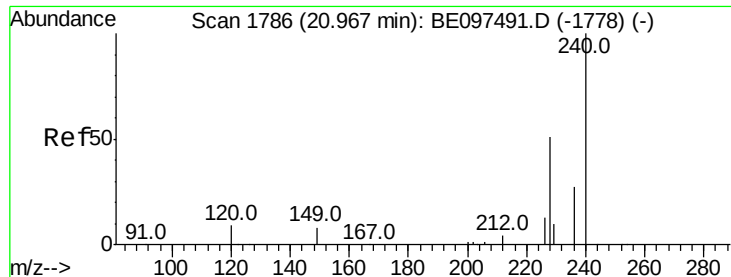


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

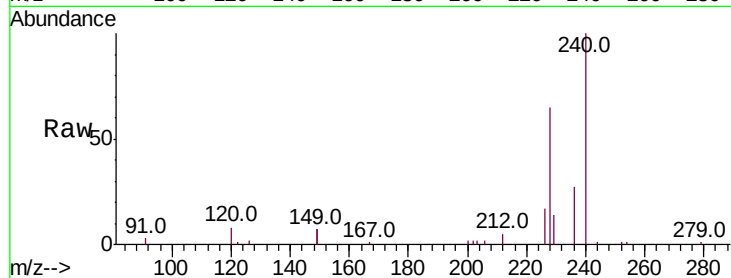
Tot Ion:240 Resp: 9086

Ion Ratio Lower Upper

240 100

120 8.0 5.5 8.3

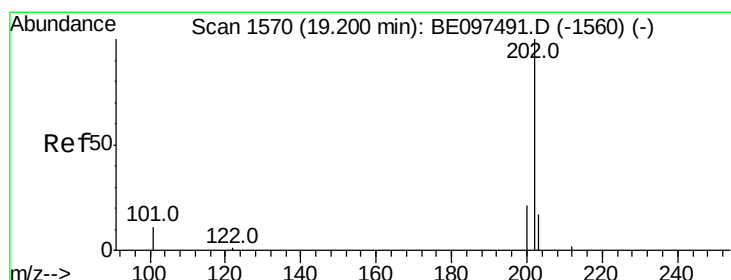
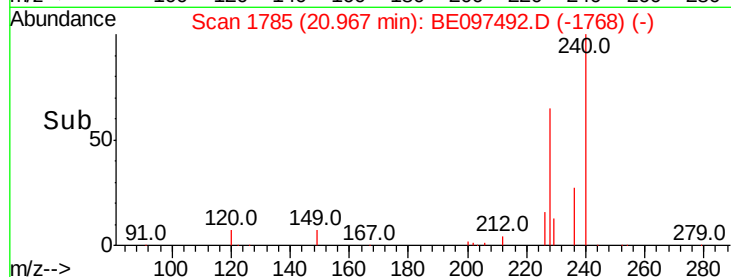
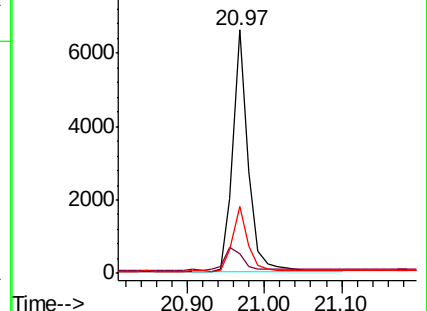
236 27.5 20.7 31.1



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: 0.873 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

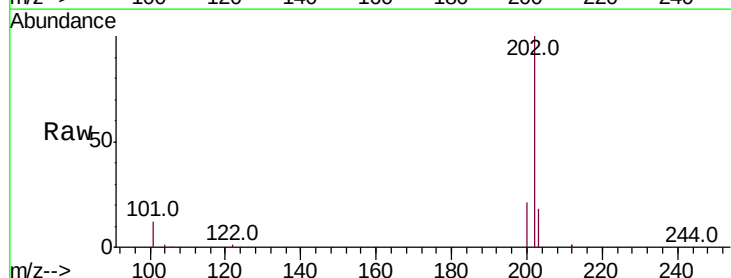
Tgt Ion:202 Resp: 18885

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

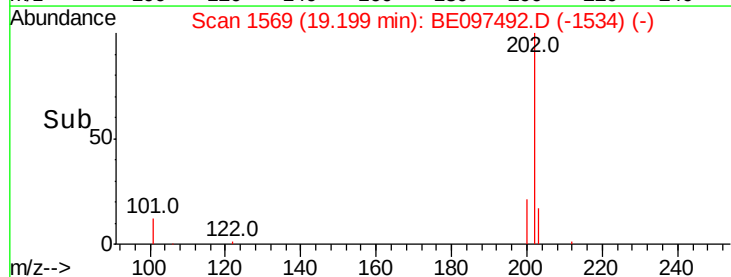
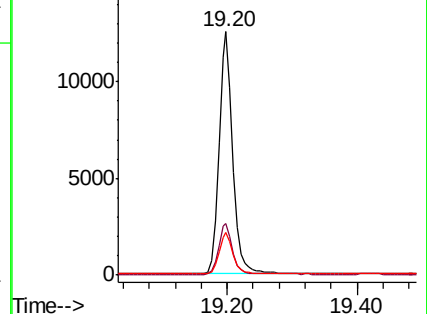
203 17.4 13.8 20.8

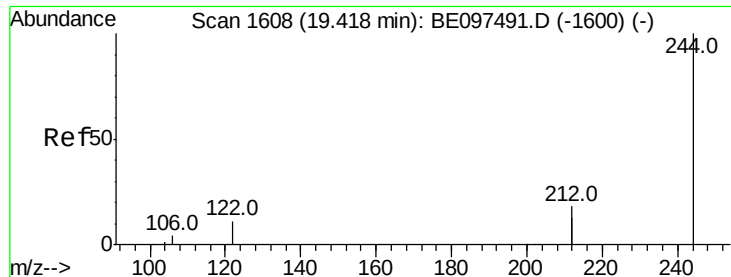


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.845 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampled :

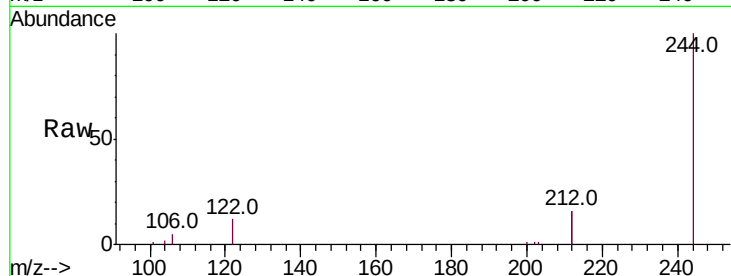
Tot Ion:244 Resp: 14162

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

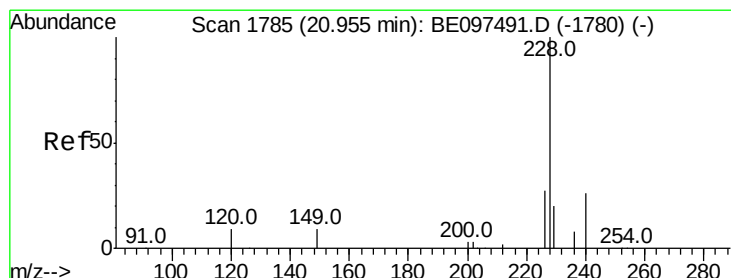
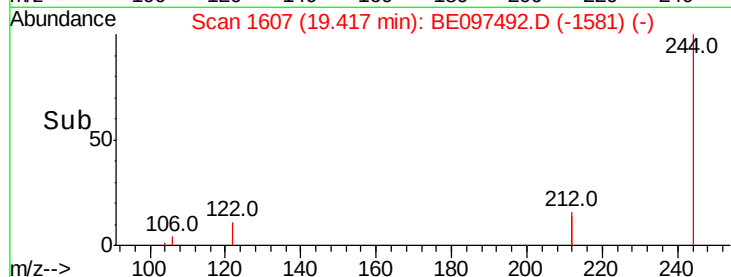
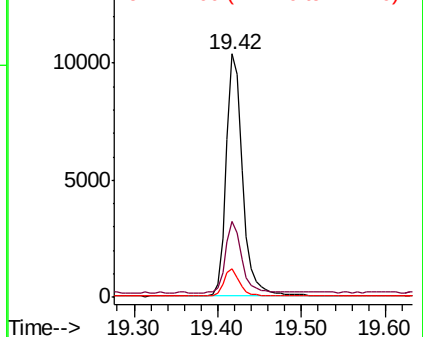
122 11.5 8.1 12.1



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: 0.818 ng

RT: 20.96 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

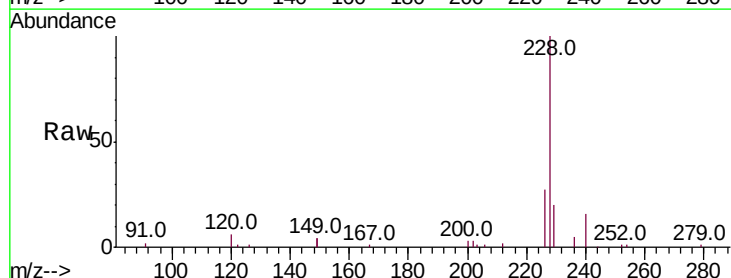
Tgt Ion:228 Resp: 18807

Ion Ratio Lower Upper

228 100

226 26.7 24.0 36.0

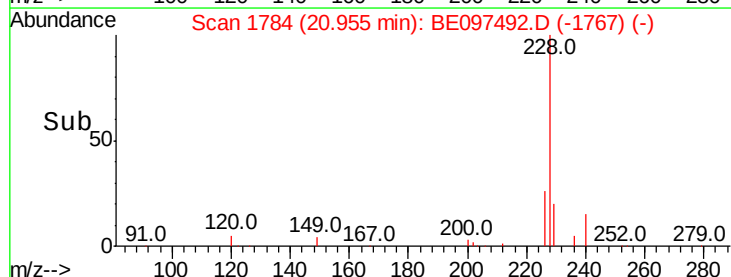
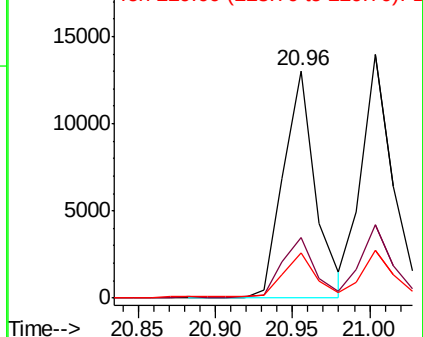
229 20.2 16.0 24.0

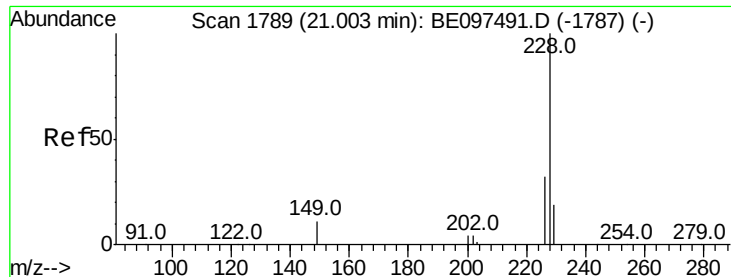


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.800 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

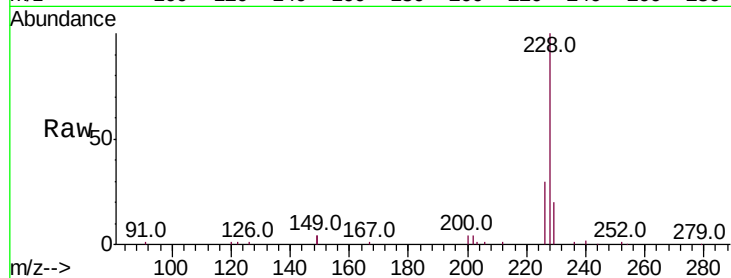
Tot Ion:228 Resp: 19779

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

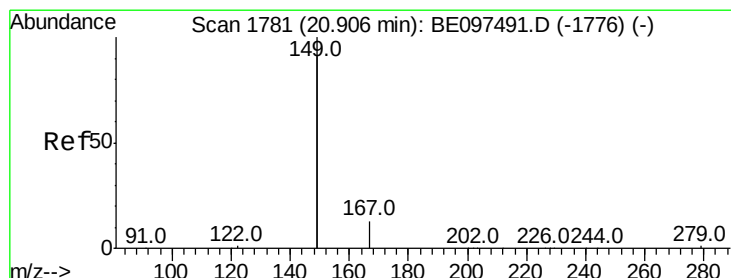
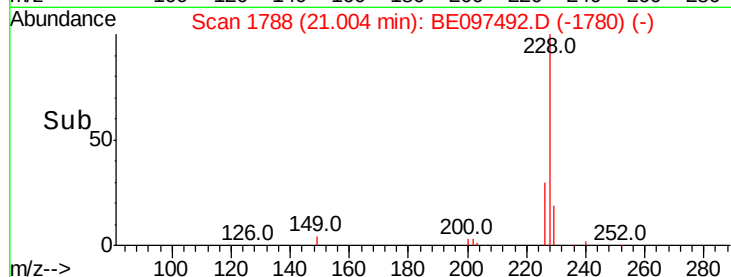
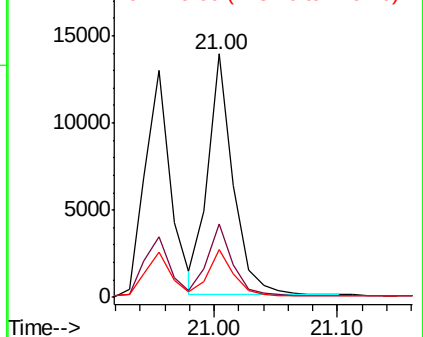
229 19.7 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.292 ng

RT: 20.91 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

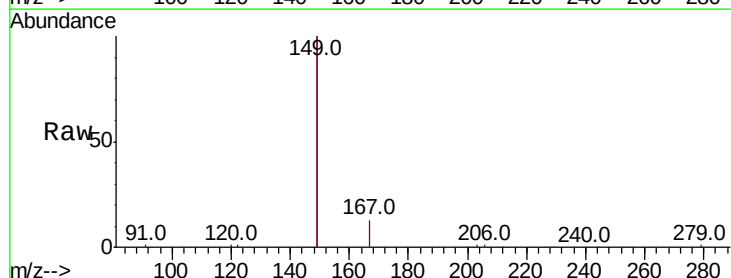
Tgt Ion:149 Resp: 39918

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

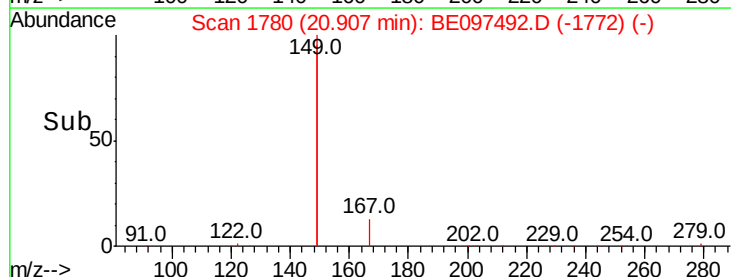
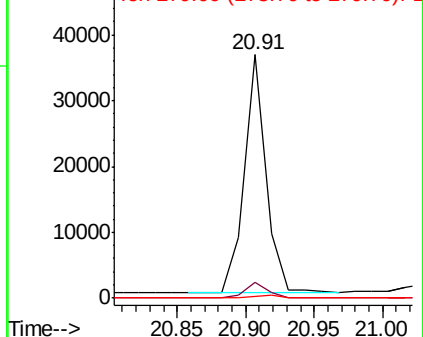
279 1.1 0.7 1.1#

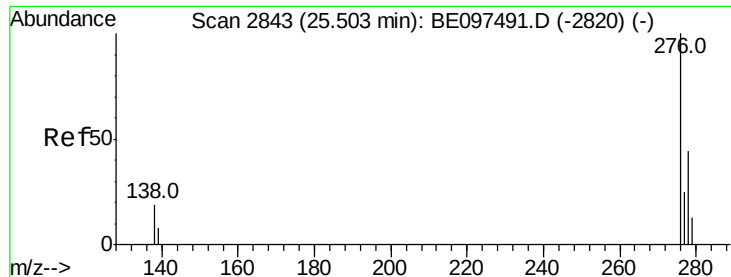


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

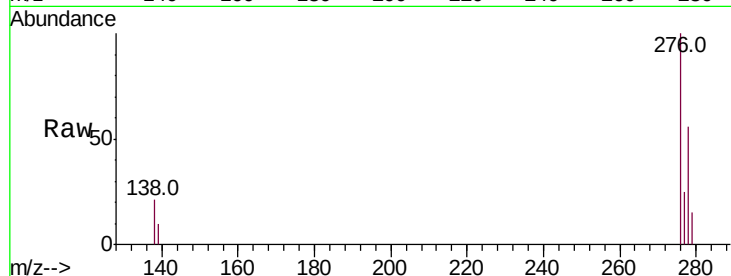




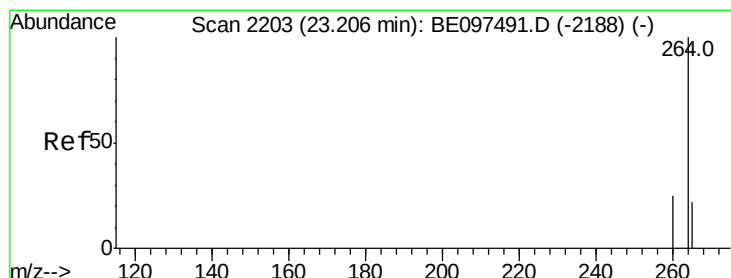
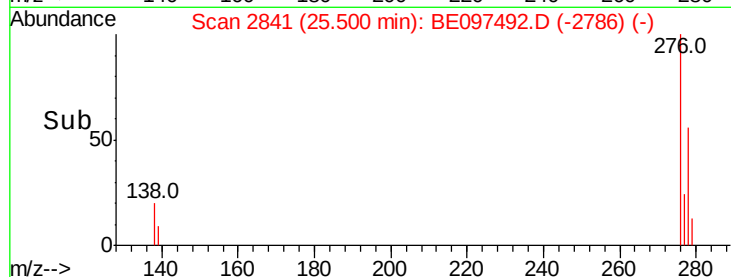
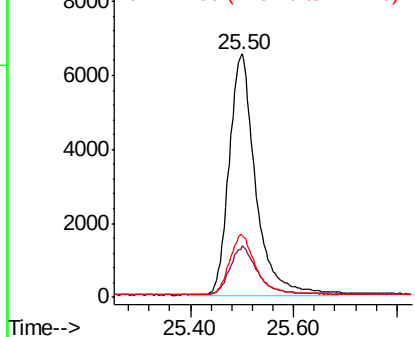
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.661 ng
 RT: 25.50 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BE097492.D
 Acq: 17 Sep 2018 11:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 23203
 Ion Ratio Lower Upper
 276 100
 138 20.5 22.5 33.7#
 277 24.5 19.9 29.9

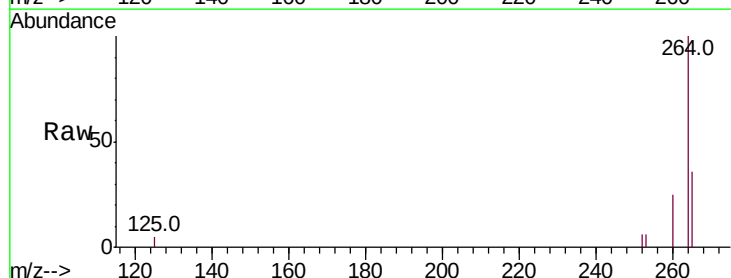


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

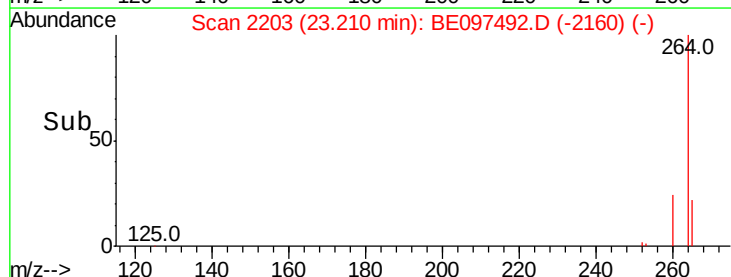
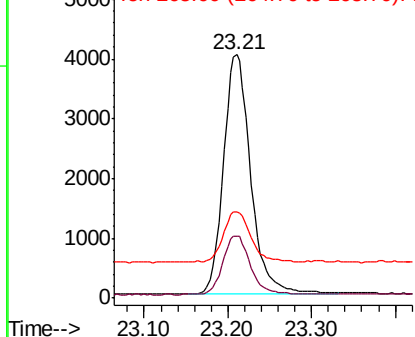


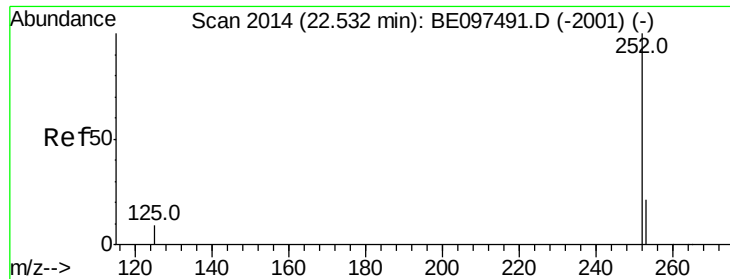
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097492.D
 Acq: 17 Sep 2018 11:55

Tgt Ion:264 Resp: 9041
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 35.5 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: 0.700 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

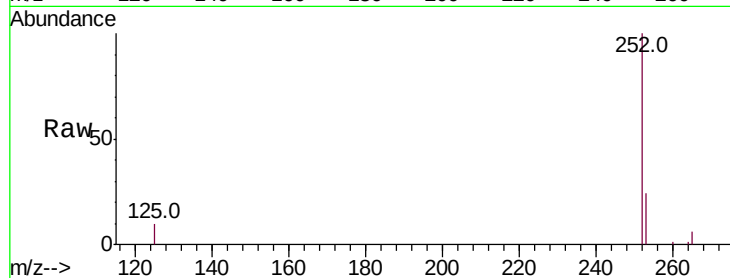
Tot Ion:252 Resp: 18090

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

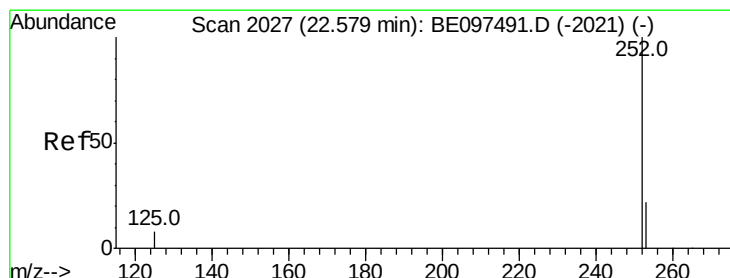
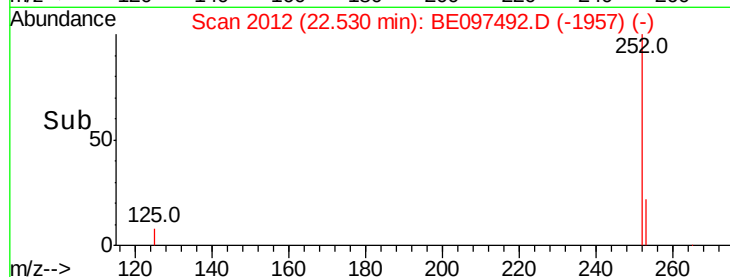
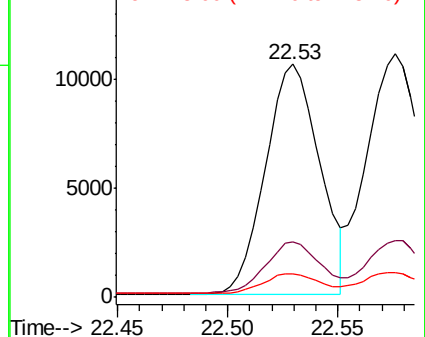
125 10.1 16.0 24.0#



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: 0.718 ng

RT: 22.58 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

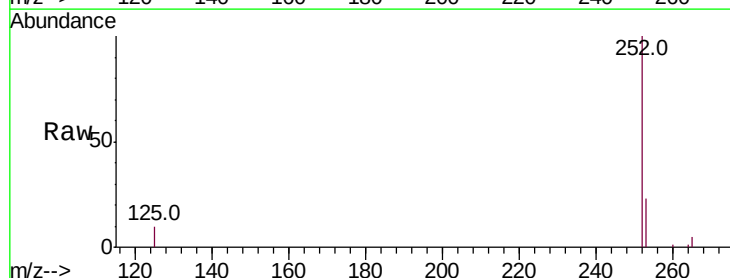
Tgt Ion:252 Resp: 20524

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

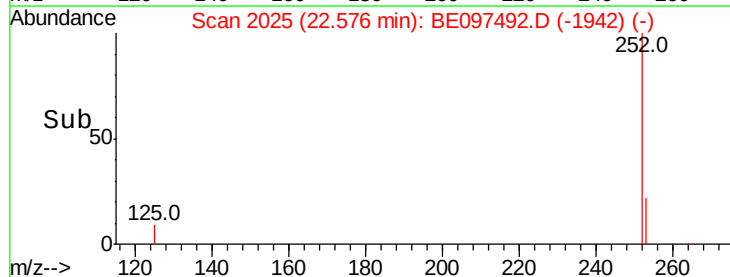
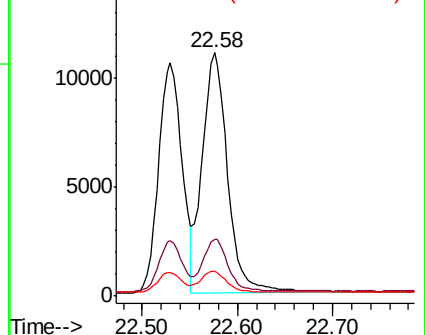
125 10.4 8.0 12.0

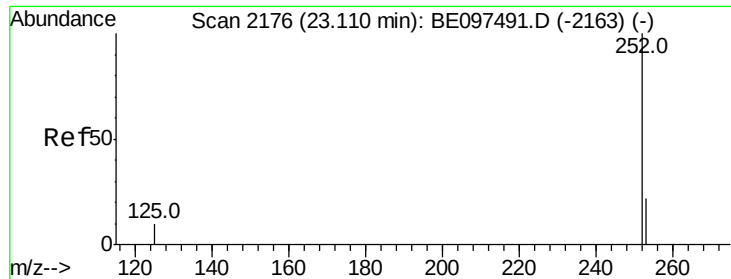


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

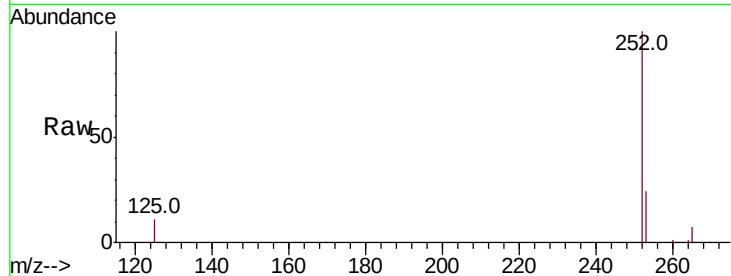




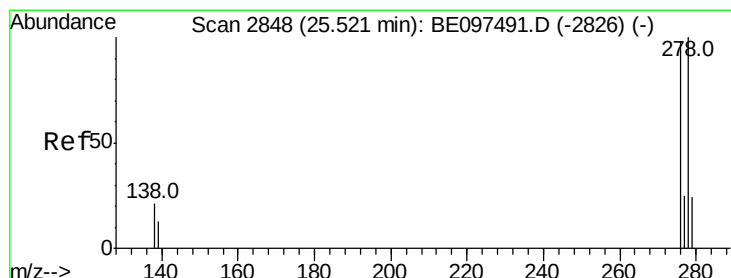
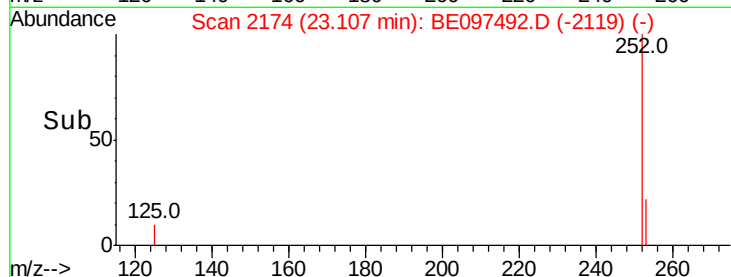
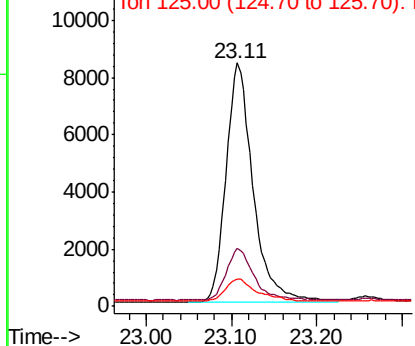
#37
Benzo(a)pyrene
Concen: 0.790 ng
RT: 23.11 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 18420
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 11.5 12.0 18.0#

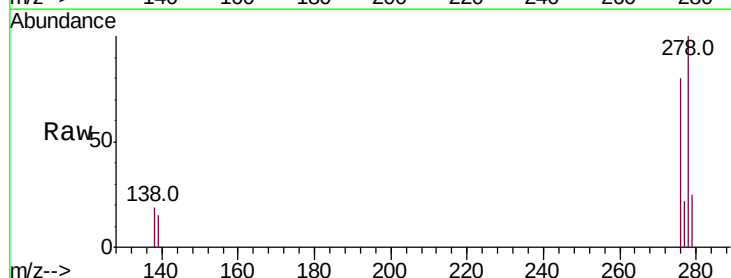


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

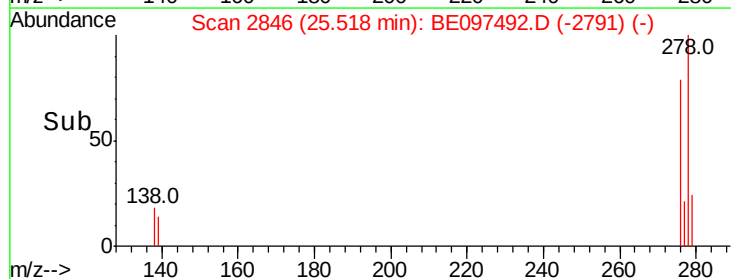
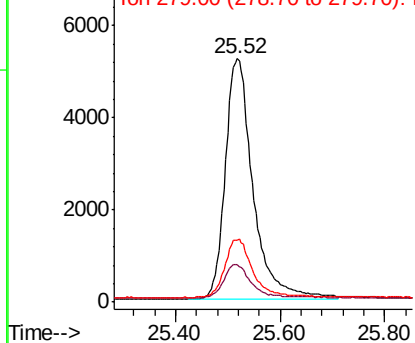


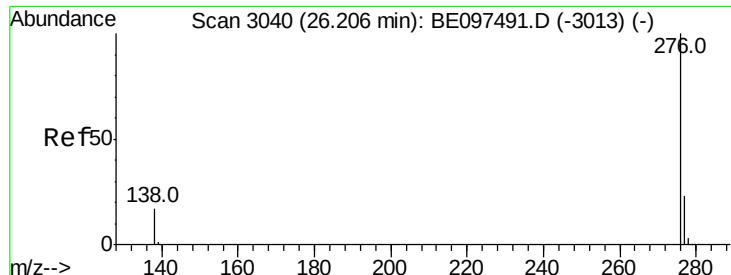
#38
Dibenzo(a,h)anthracene
Concen: 0.629 ng
RT: 25.52 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:278 Resp: 19278
Ion Ratio Lower Upper
278 100
139 15.3 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: 0.618 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE097492.D

Acq: 17 Sep 2018 11:55

Instrument :

BNA_E

ClientSampleId :

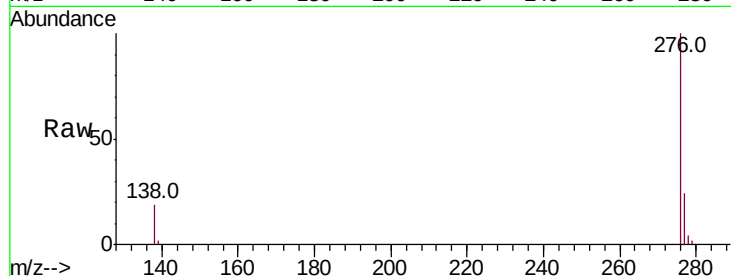
Tot Ion:276 Resp: 19542

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 18.8 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

