

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097991.D
 Acq On : 19 Oct 2018 14:48
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:29:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2544	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12807	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9009	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	22043	0.40	ng	0.00
27) Chrysene-d12	21.48	240	24839	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24426	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	3119	0.39	ng	0.00
5) Phenol-d6	7.07	99	4867	0.41	ng	0.00
8) Nitrobenzene-d5	9.04	82	4174	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8333	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1508	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12540	0.34	ng	0.00
25) Fluoranthene-d10	19.33	212	97079	0.32	ng	0.00
29) Terphenyl-d14	19.92	244	19414	0.34	ng	0.00

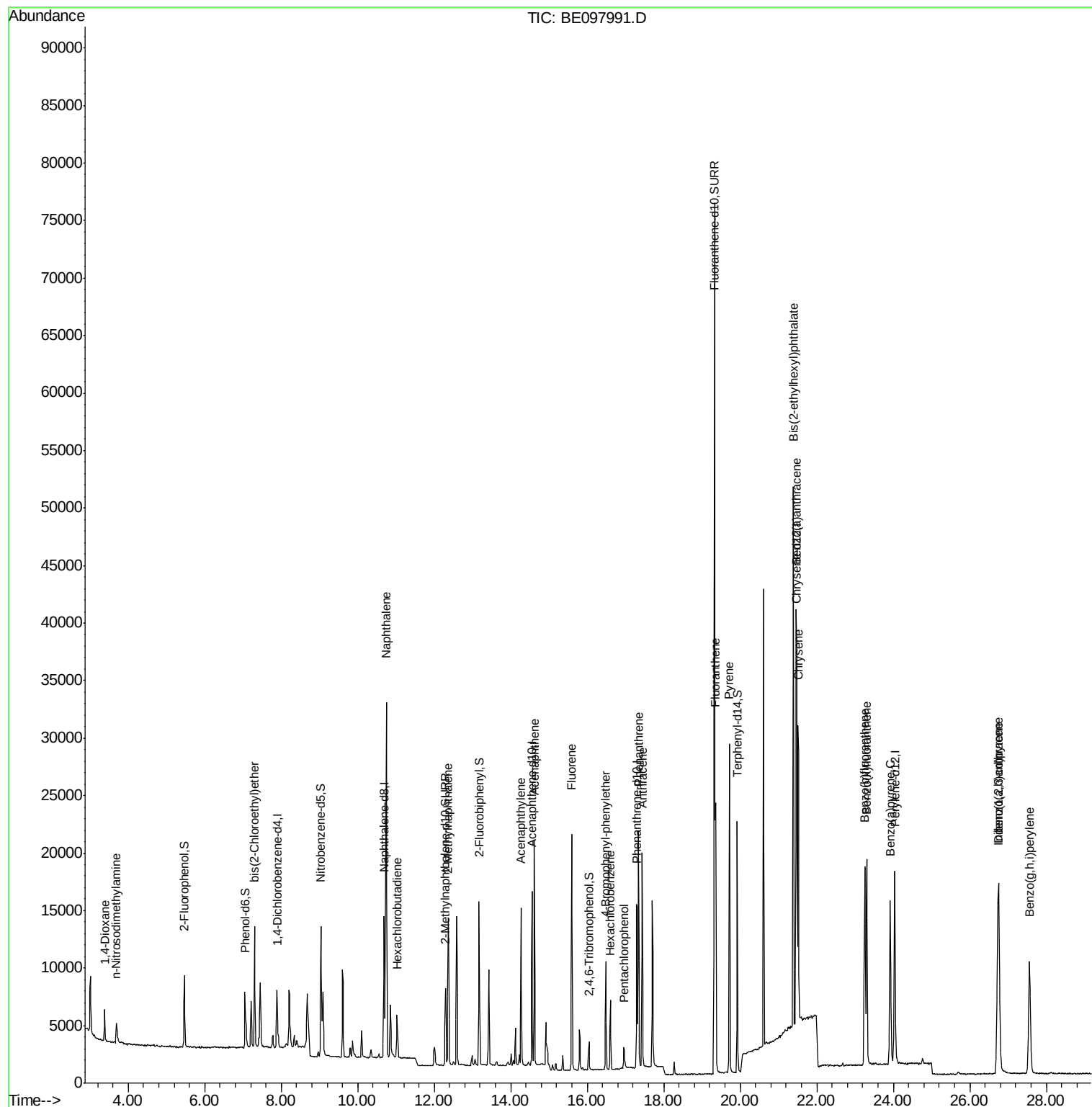
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1587	0.358	ng	95
3) n-Nitrosodimethylamine	3.69	42	1620	0.327	ng	98
6) bis(2-Chloroethyl)ether	7.31	93	3645	0.362	ng	99
9) Naphthalene	10.74	128	48332	0.379	ng	100
10) Hexachlorobutadiene	11.03	225	2539	0.370	ng	97
12) 2-Methylnaphthalene	12.37	142	8686	0.398	ng	98
16) Acenaphthylene	14.27	152	15065	0.362	ng	99
17) Acenaphthene	14.62	154	9360	0.368	ng	97
18) Fluorene	15.59	166	12258	0.350	ng	98
20) 4-Bromophenyl-phenylether	16.49	248	4552	0.378	ng	97
21) Hexachlorobenzene	16.60	284	4632	0.391	ng	100
22) Pentachlorophenol	16.95	266	1391	0.472	ng	98
23) Phenanthrene	17.34	178	20032	0.358	ng	100
24) Anthracene	17.43	178	18906	0.357	ng	99
26) Fluoranthene	19.36	202	24024	0.327	ng	98
28) Pyrene	19.72	202	25637	0.358	ng	100
30) Benzo(a)anthracene	21.46	228	26924	0.353	ng	96
31) Chrysene	21.51	228	26426	0.366	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	57765	0.297	ng	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	27742	0.327	ng	99
35) Benzo(b)fluoranthene	23.25	252	25040	0.356	ng	# 92
36) Benzo(k)fluoranthene	23.30	252	25823	0.353	ng	# 91
37) Benzo(a)pyrene	23.92	252	24006	0.350	ng	# 91
38) Dibenzo(a,h)anthracene	26.76	278	23388	0.349	ng	# 94
39) Benzo(g,h,i)perylene	27.56	276	23516	0.342	ng	92

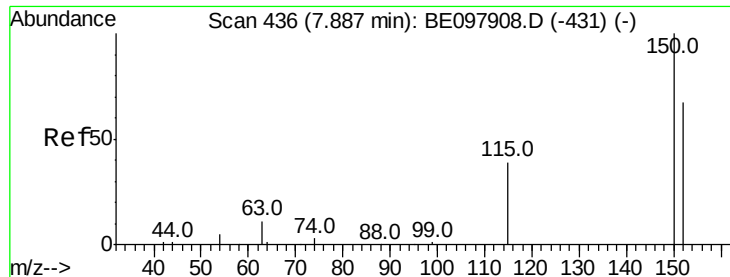
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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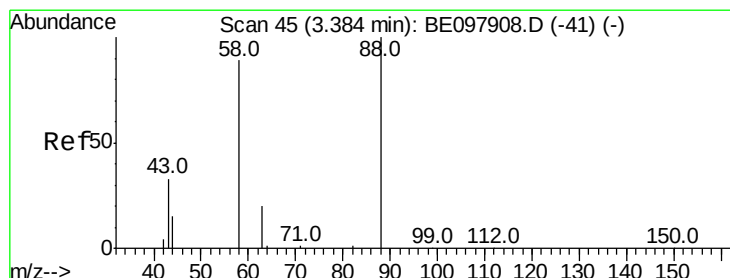
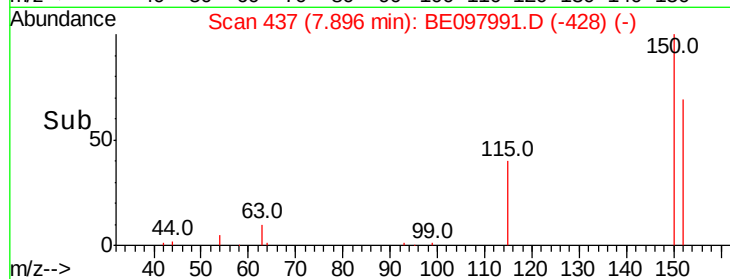
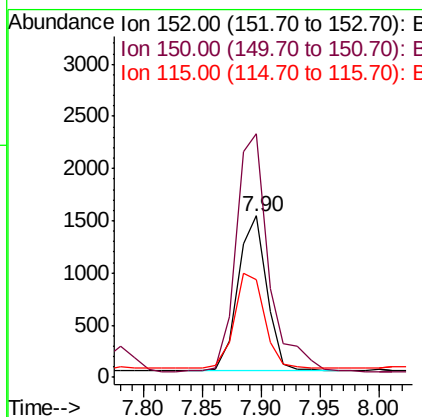
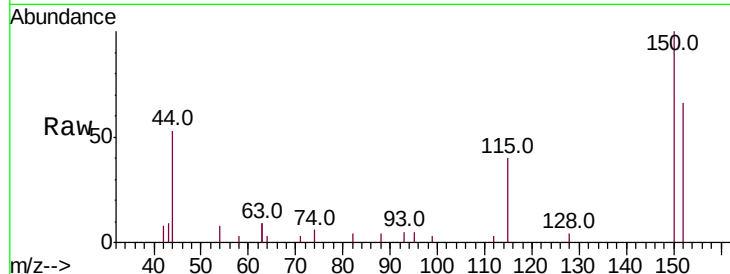




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.90 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

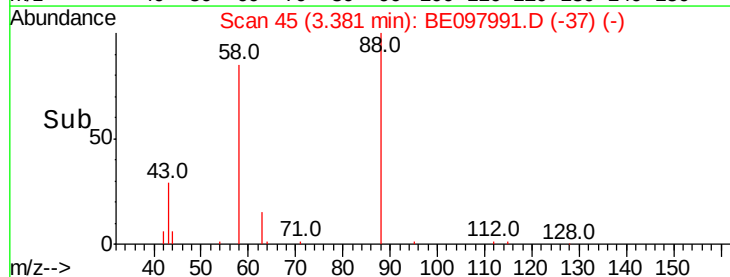
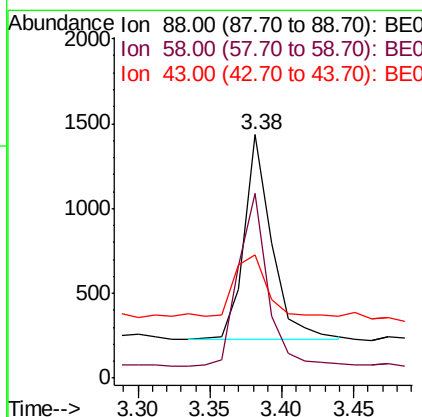
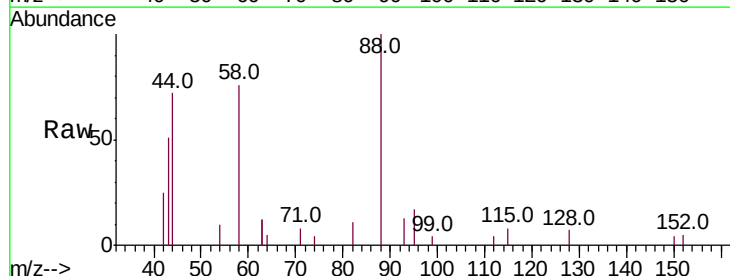
Instrument :
 BNA_E
 ClientSampleId :

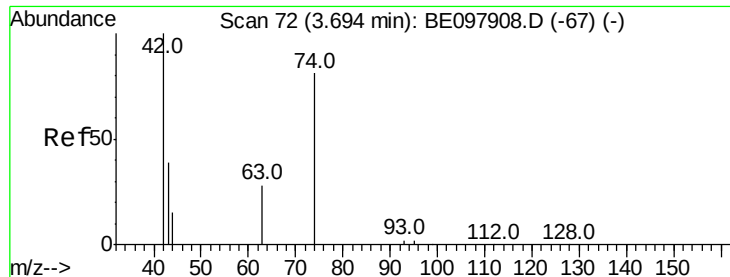
Tot Ion:152 Resp: 2544
 Ion Ratio Lower Upper
 152 100
 150 150.7 118.2 177.4
 115 60.7 50.9 76.3



#2
 1,4-Dioxane
 Concen: 0.358 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

Tgt Ion: 88 Resp: 1587
 Ion Ratio Lower Upper
 88 100
 58 90.9 73.2 109.8
 43 36.9 36.9 55.3

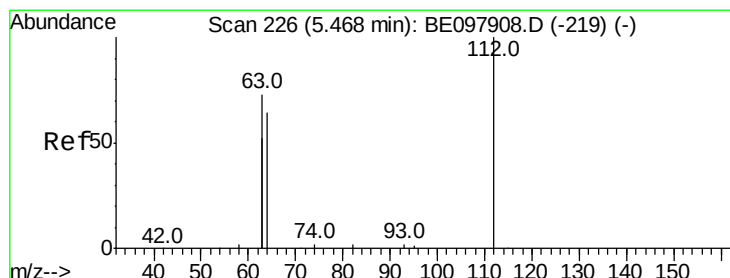
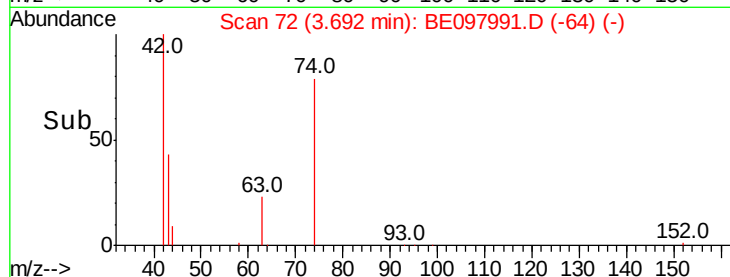
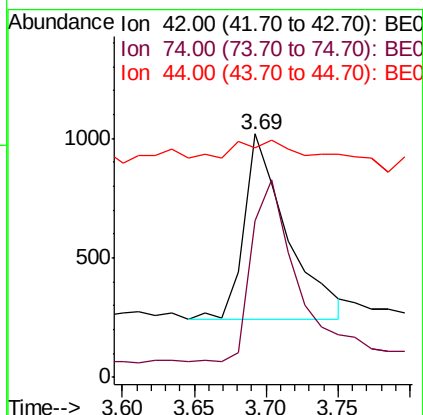
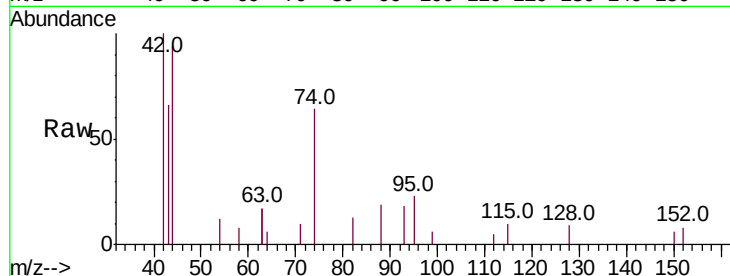




#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

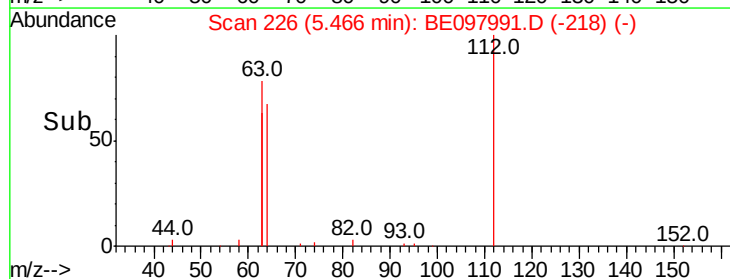
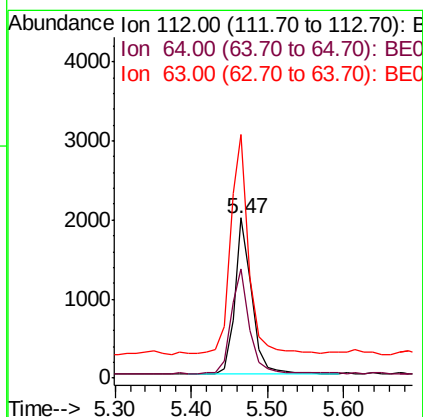
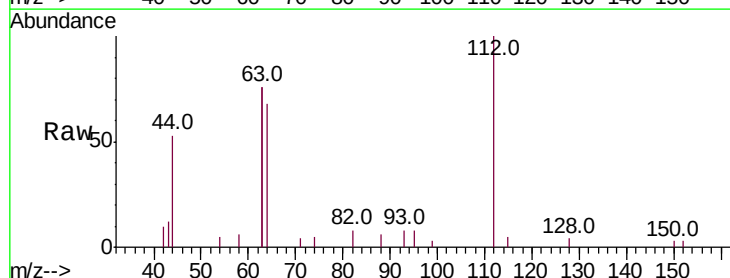
Instrument :
BNA_E
ClientSampleId :

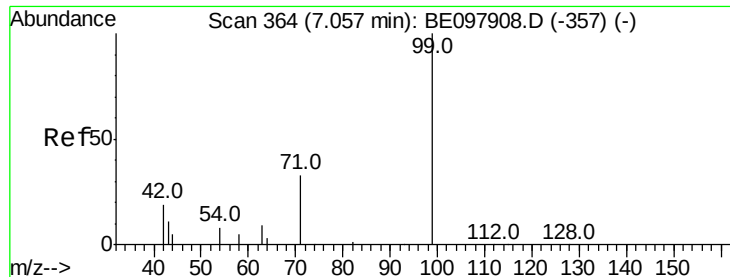
Tot Ion: 42 Resp: 1620
Ion Ratio Lower Upper
42 100
74 99.2 77.6 116.4
44 10.6 7.6 11.4



#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Tgt Ion: 112 Resp: 3119
Ion Ratio Lower Upper
112 100
64 72.9 58.9 88.3
63 148.0 120.3 180.5





#5

Phenol-d6

Concen: 0.411 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

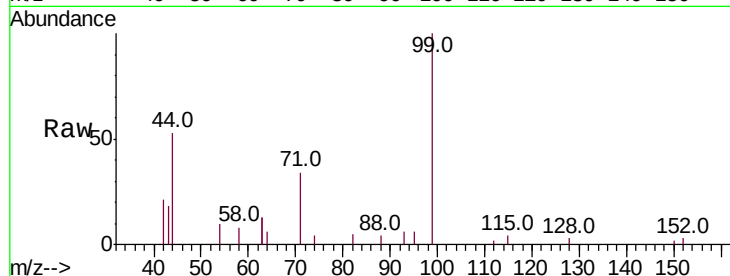
Tot Ion: 99 Resp: 4867

Ion Ratio Lower Upper

99 100

42 26.3 19.9 29.9

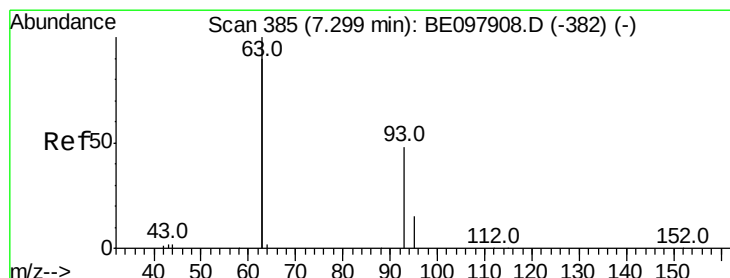
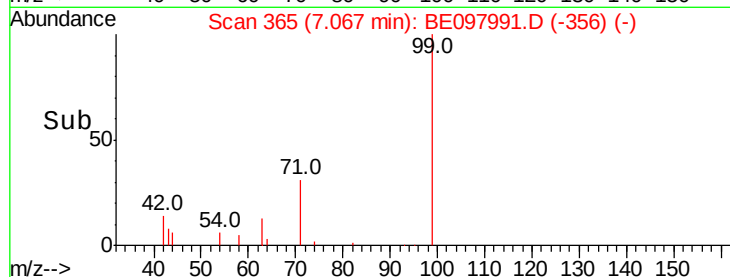
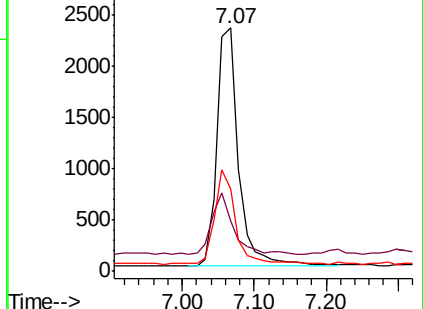
71 38.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

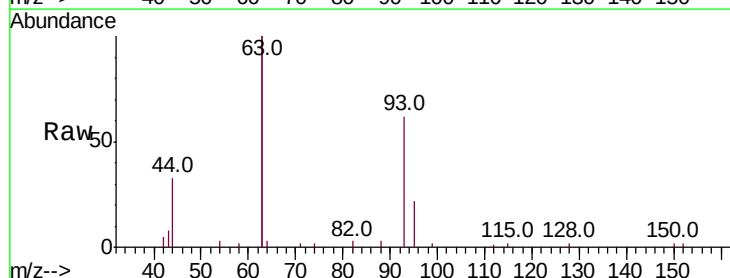
Tgt Ion: 93 Resp: 3645

Ion Ratio Lower Upper

93 100

63 324.3 259.0 388.4

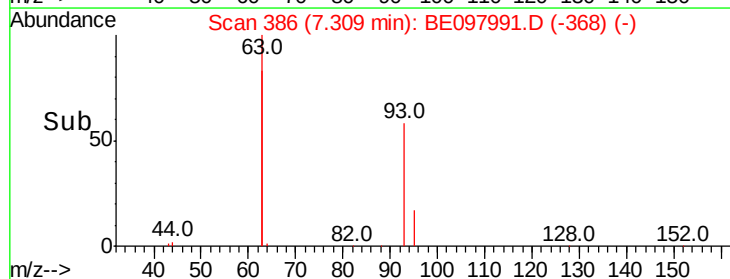
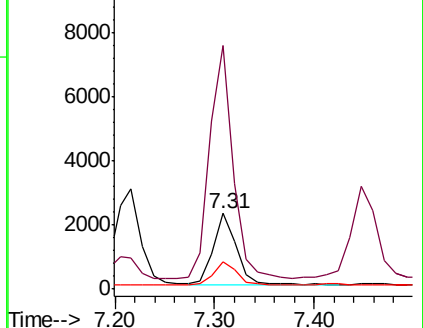
95 33.0 27.8 41.8

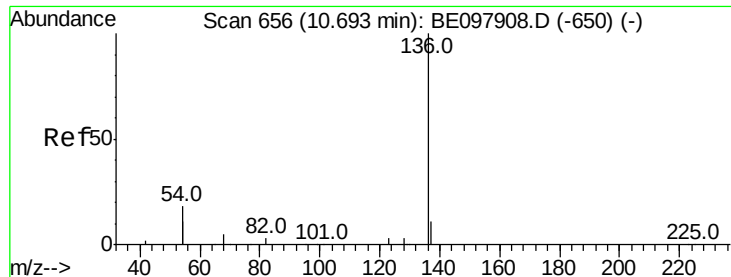


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12807

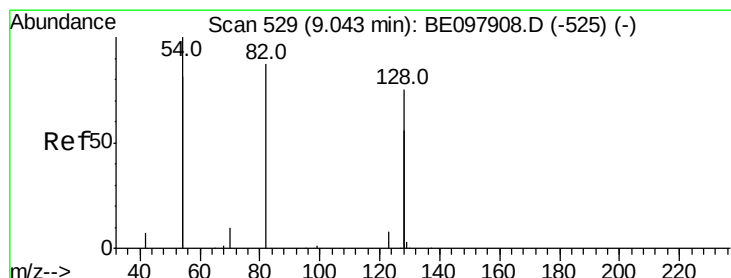
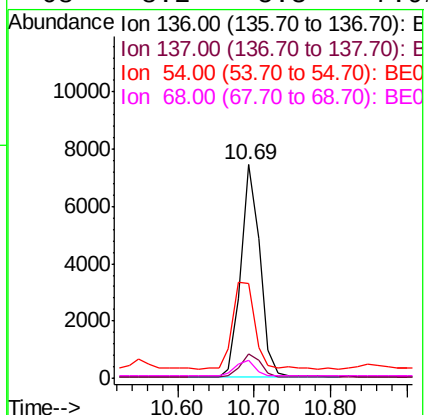
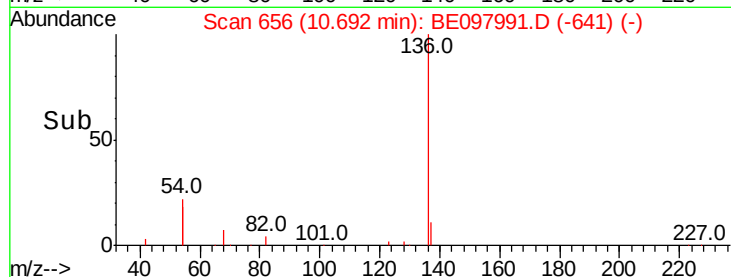
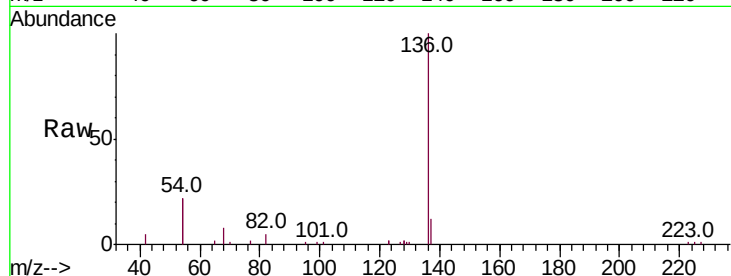
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 44.6 27.7 41.5#

68 8.2 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

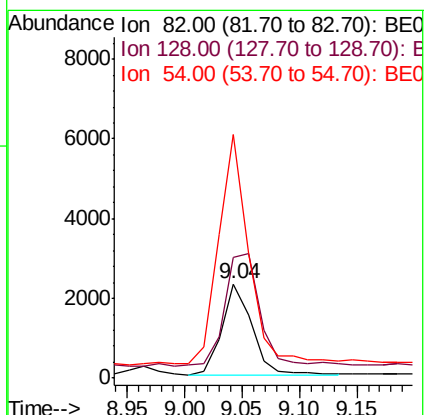
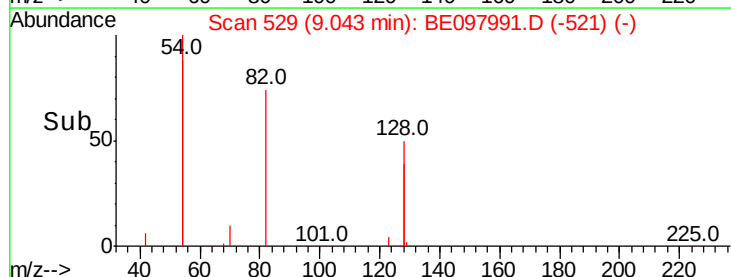
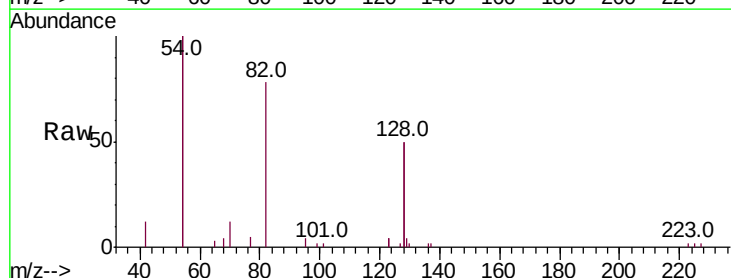
Tgt Ion: 82 Resp: 4174

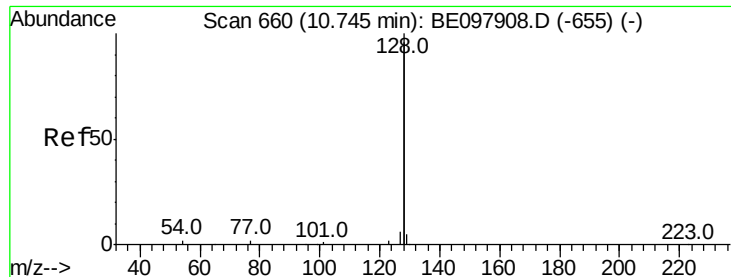
Ion Ratio Lower Upper

82 100

128 128.3 129.9 194.9#

54 257.9 174.0 261.0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

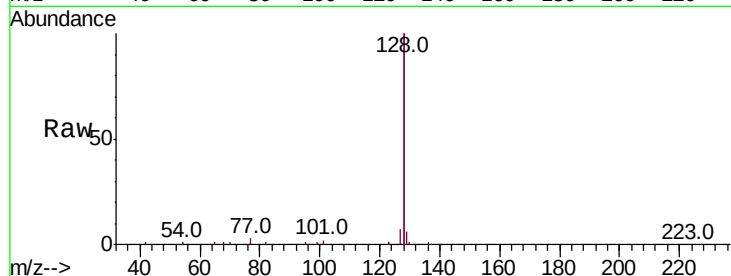
Tot Ion:128 Resp: 48332

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

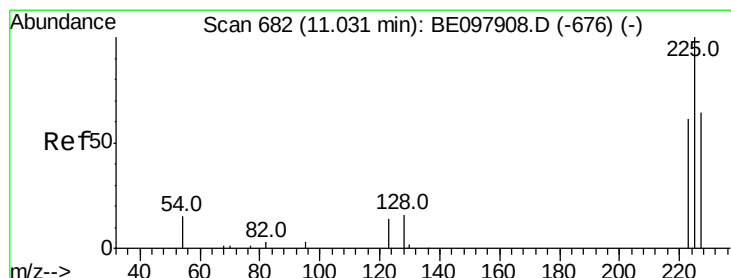
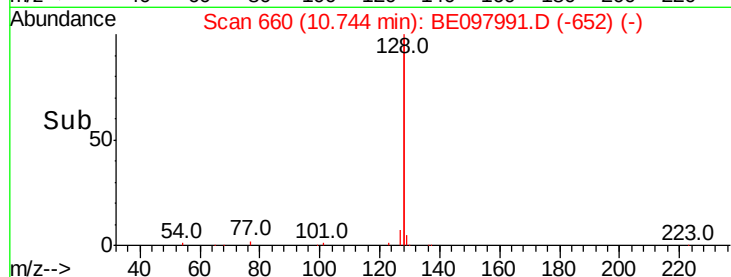
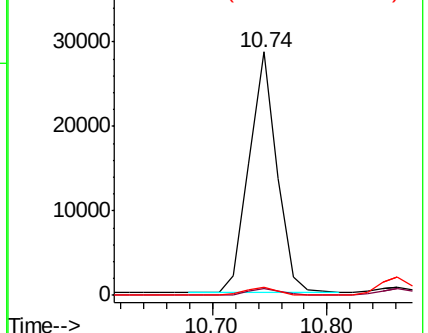
127 3.5 2.8 4.2



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: 0.370 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

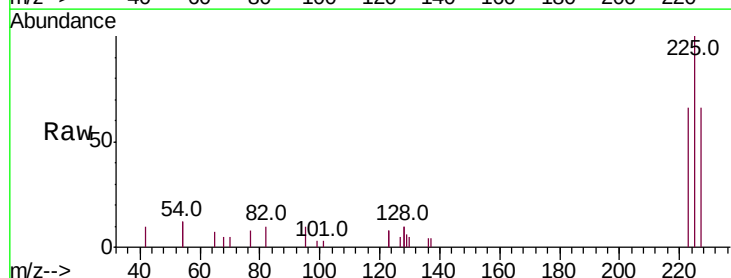
Tgt Ion:225 Resp: 2539

Ion Ratio Lower Upper

225 100

223 63.4 51.8 77.8

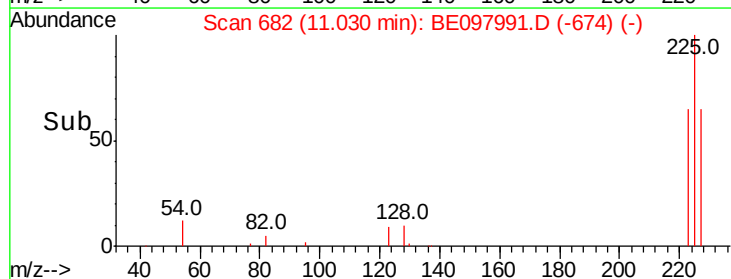
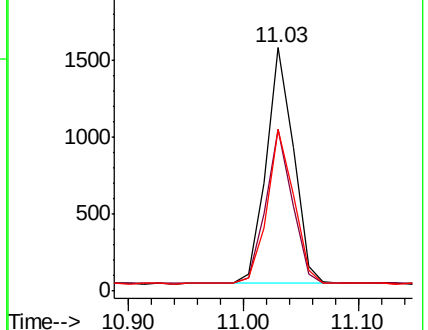
227 63.0 53.0 79.6

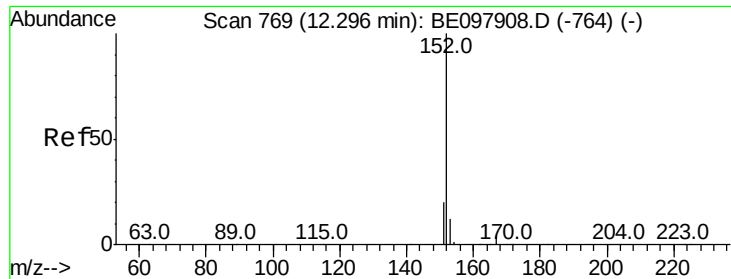


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

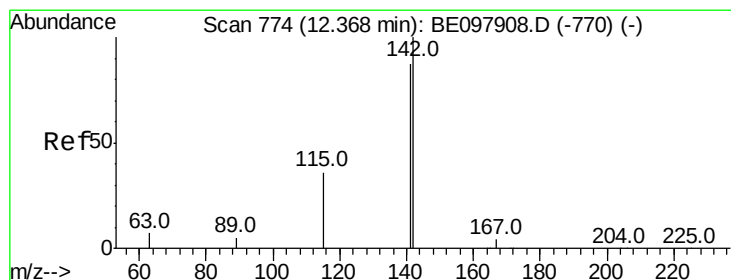
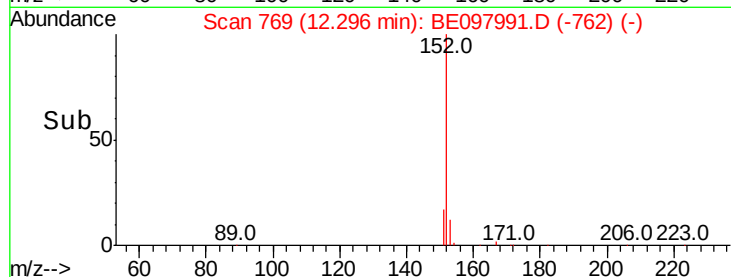
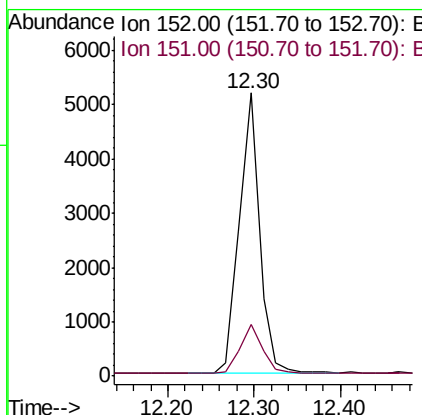
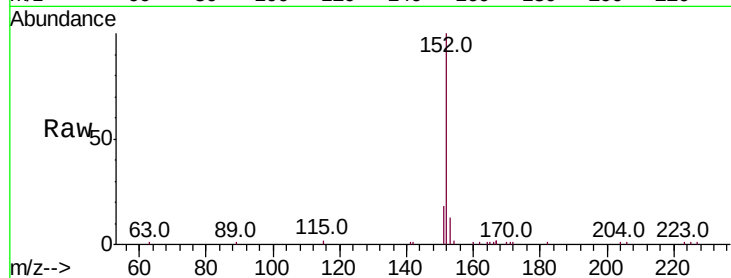




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

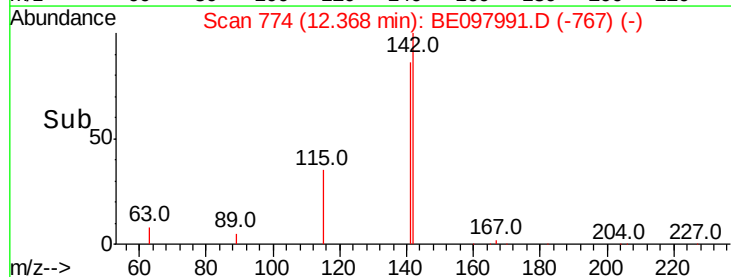
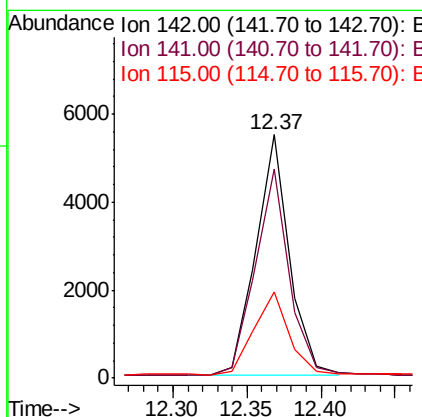
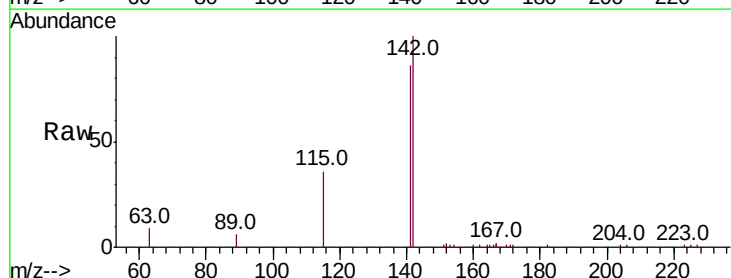
Instrument :
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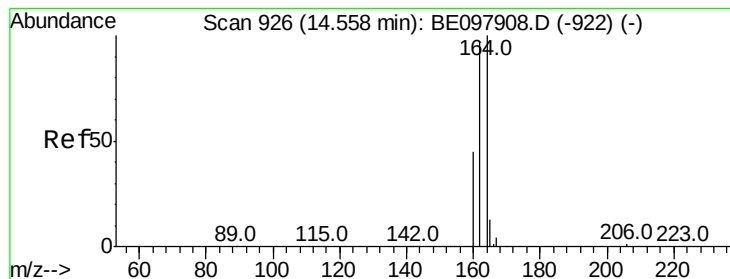
Tot Ion:152 Resp: 8333
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.37 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

Tgt Ion:142 Resp: 8686
 Ion Ratio Lower Upper
 142 100
 141 86.1 69.8 104.6
 115 35.6 30.5 45.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

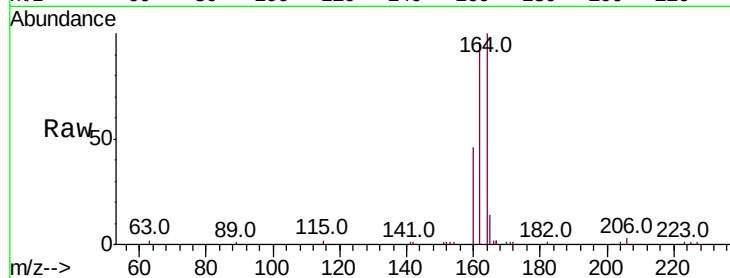
Tot Ion:164 Resp: 9009

Ion Ratio Lower Upper

164 100

162 95.5 77.4 116.2

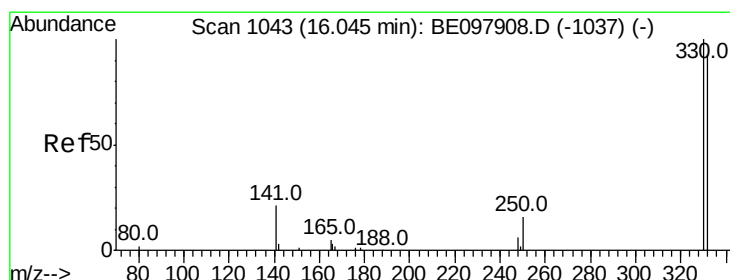
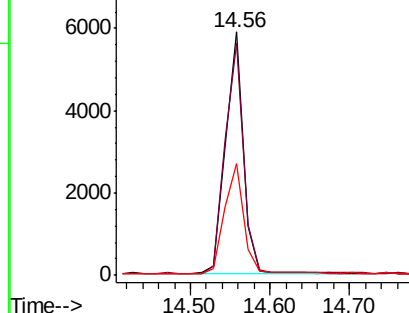
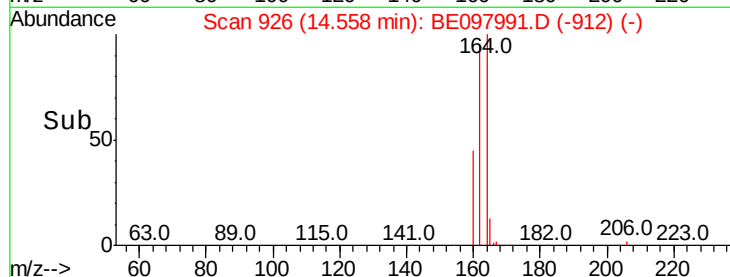
160 45.7 36.5 54.7



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: 0.311 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

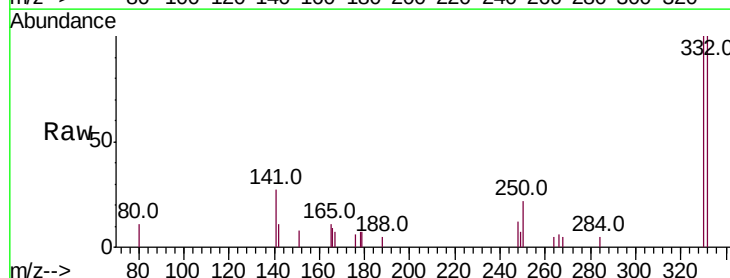
Tgt Ion:330 Resp: 1508

Ion Ratio Lower Upper

330 100

332 99.9 76.5 114.7

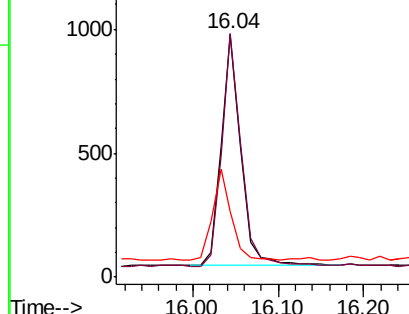
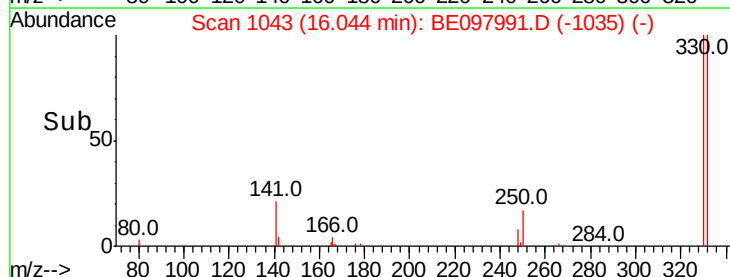
141 37.2 31.8 47.6

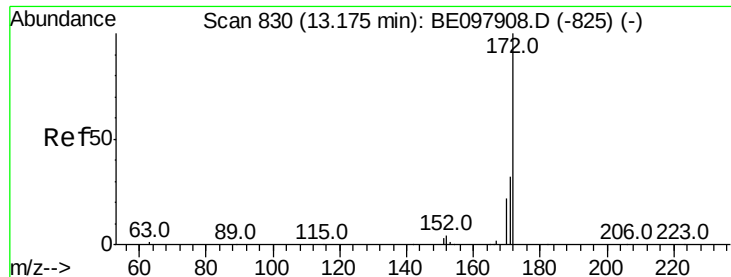


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

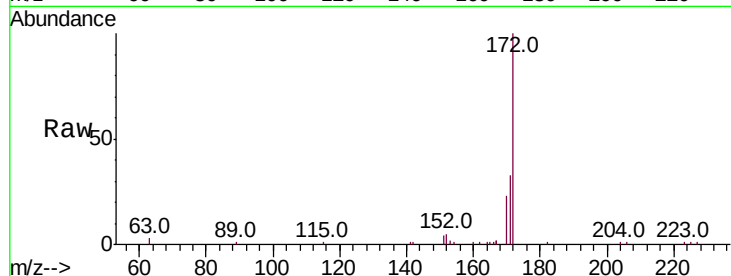




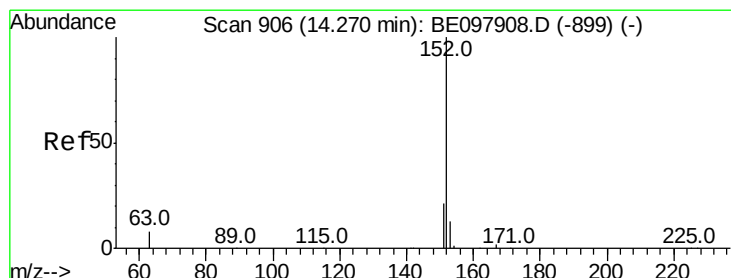
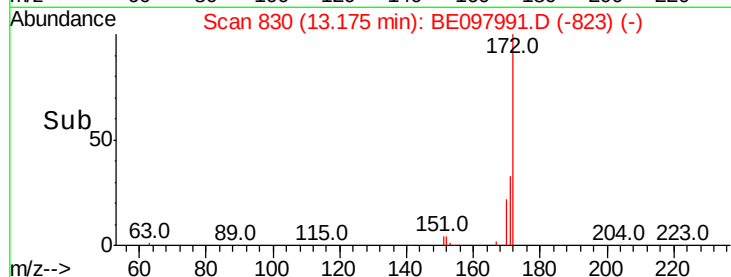
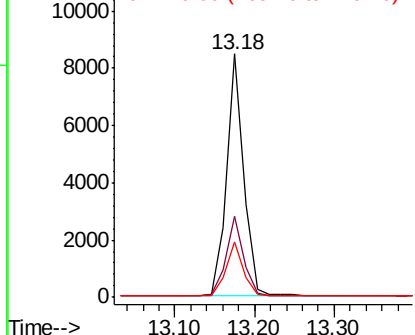
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.18 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 12540
Ion Ratio Lower Upper
172 100
171 33.4 26.0 39.0
170 22.9 18.0 27.0

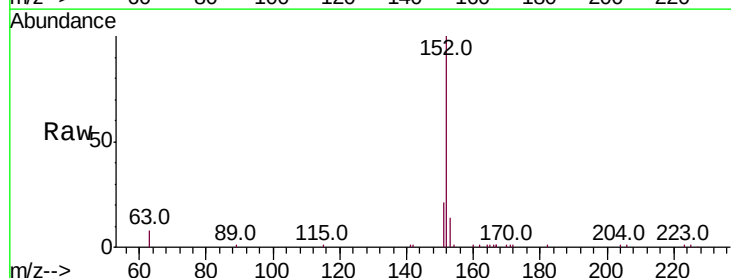


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

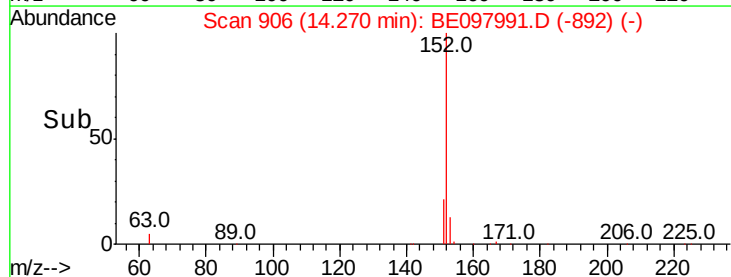
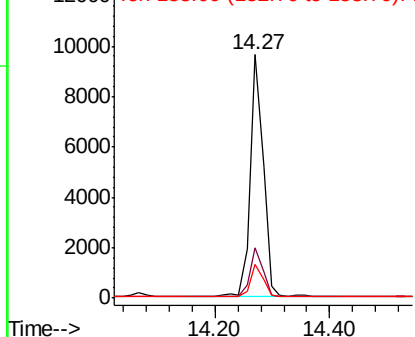


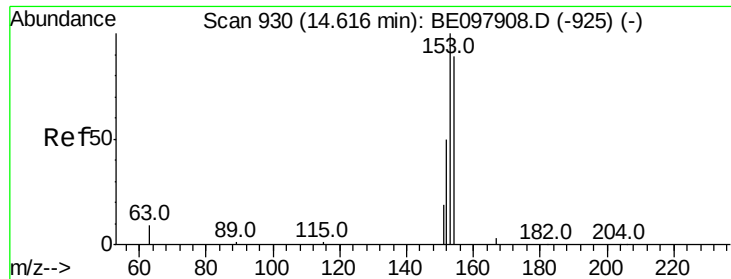
#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Tgt Ion:152 Resp: 15065
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

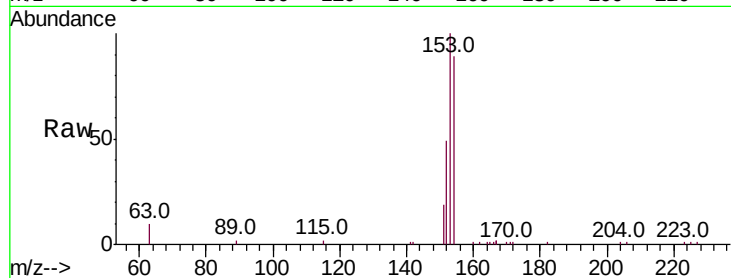




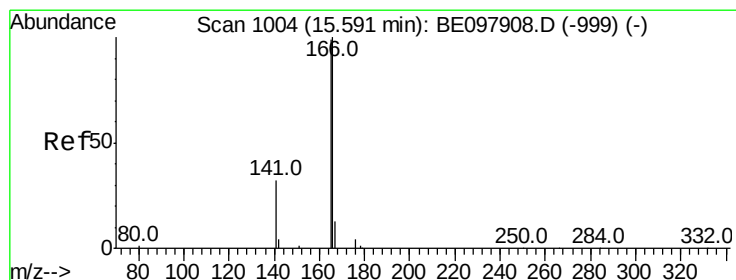
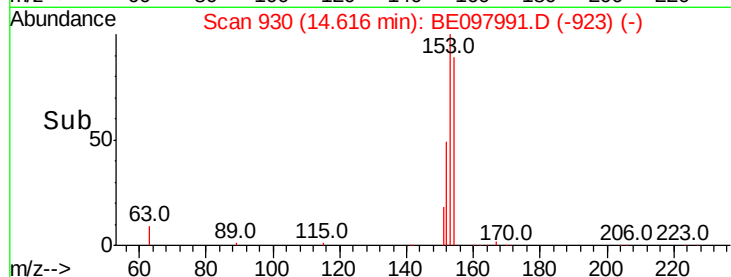
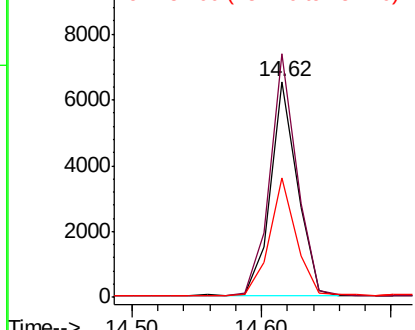
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.62 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 9360
Ion Ratio Lower Upper
154 100
153 113.4 92.6 139.0
152 54.3 45.5 68.3

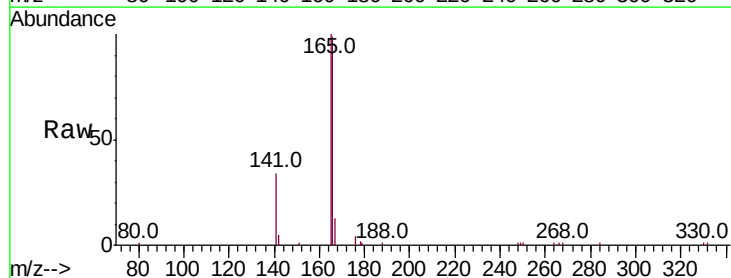


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

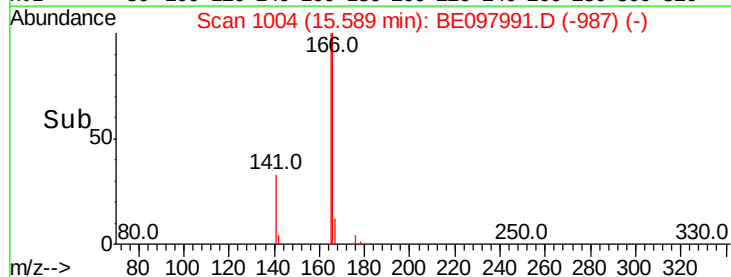
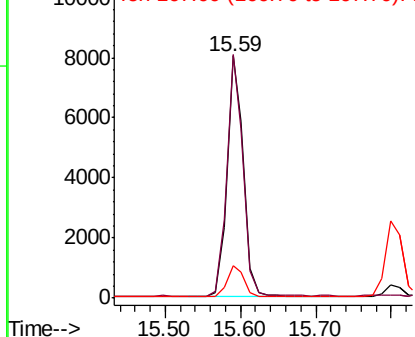


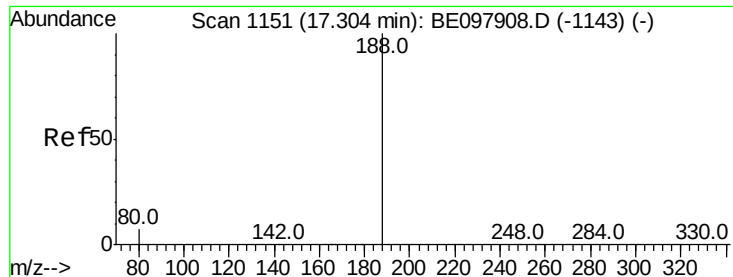
#18
Fluorene
Concen: 0.350 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Tgt Ion:166 Resp: 12258
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 13.4 11.0 16.6



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

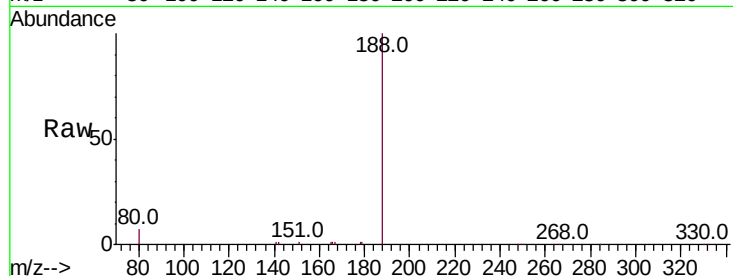
Tot Ion:188 Resp: 22043

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

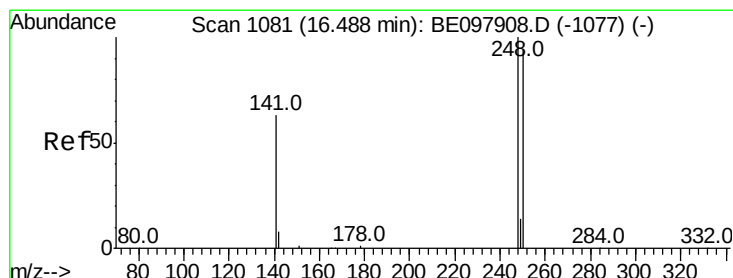
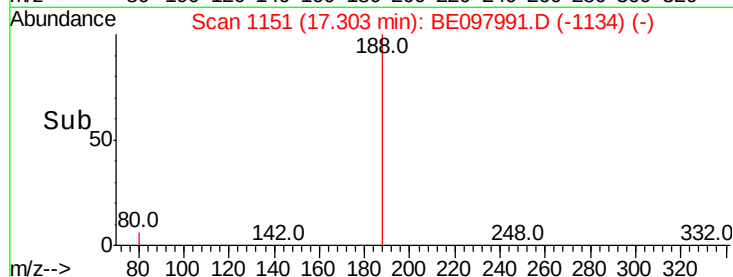
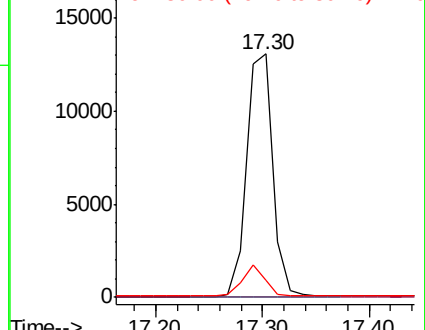
80 6.8 6.3 9.5



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: 0.378 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

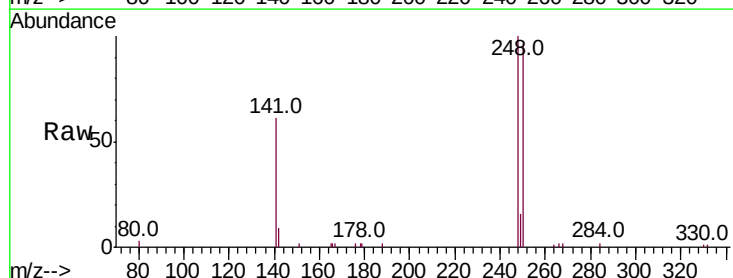
Tgt Ion:248 Resp: 4552

Ion Ratio Lower Upper

248 100

250 95.3 75.1 112.7

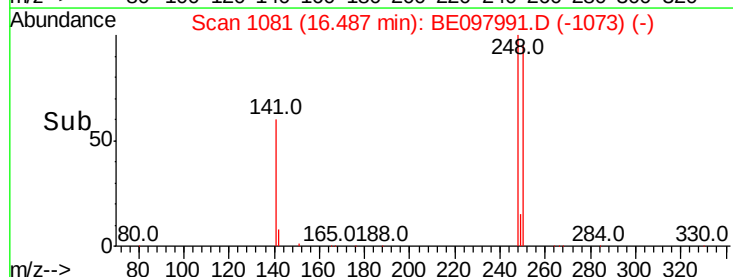
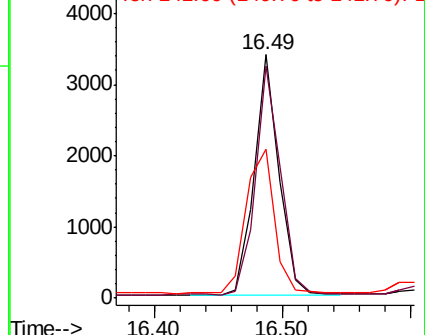
141 61.0 51.8 77.8

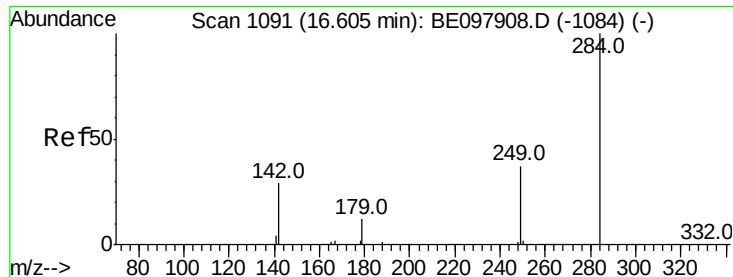


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

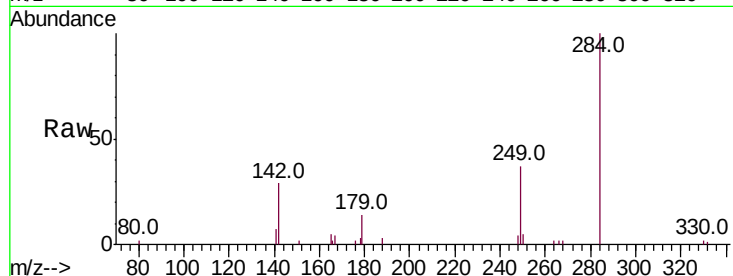
Tot Ion:284 Resp: 4632

Ion Ratio Lower Upper

284 100

142 32.7 25.9 38.9

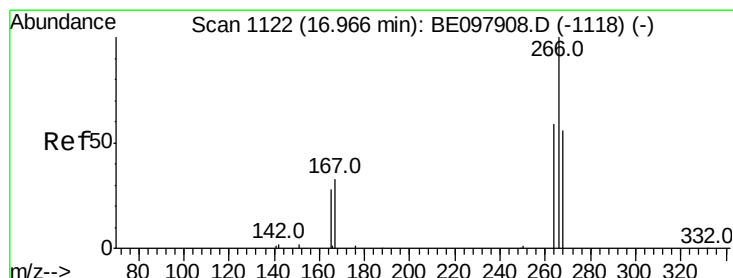
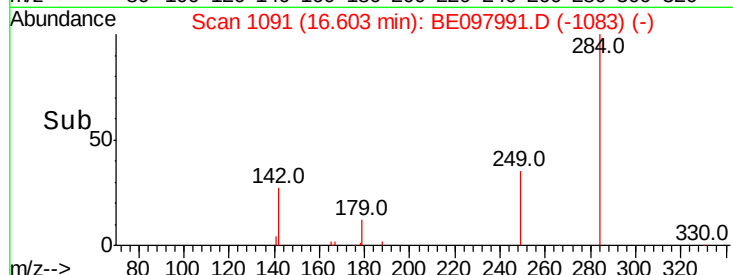
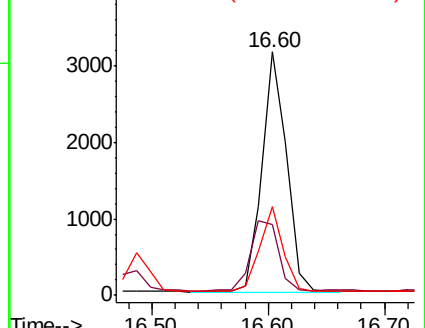
249 33.1 26.6 40.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.472 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

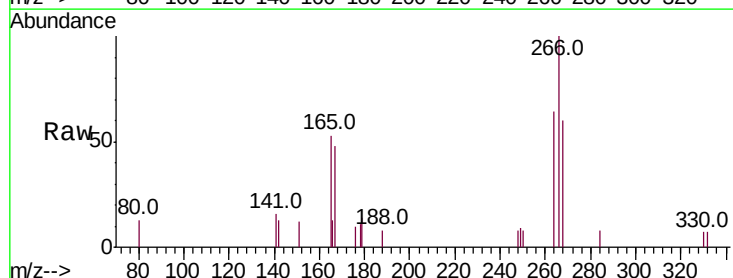
Tgt Ion:266 Resp: 1391

Ion Ratio Lower Upper

266 100

264 63.6 51.3 76.9

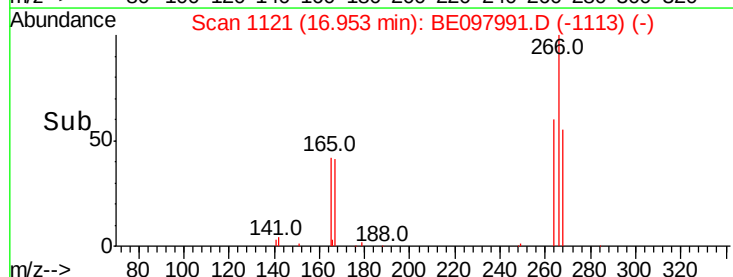
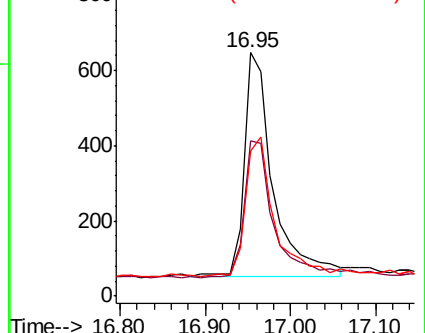
268 59.7 50.1 75.1

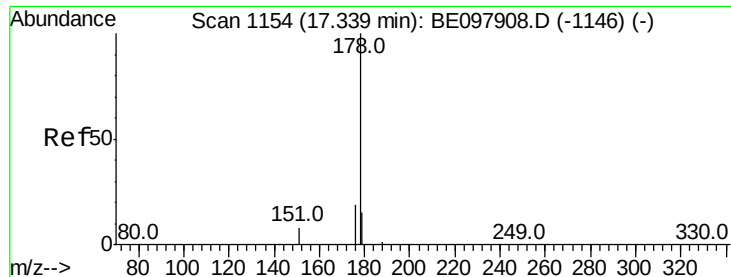


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.358 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

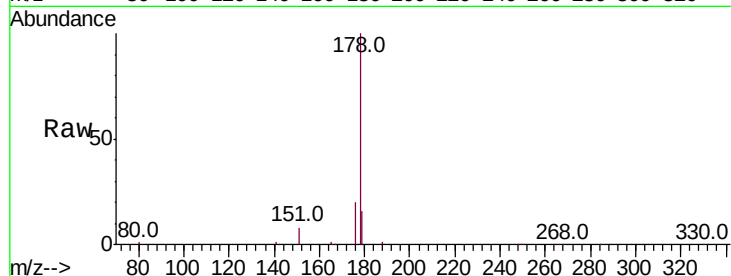
Tot Ion:178 Resp: 20032

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.2 18.4

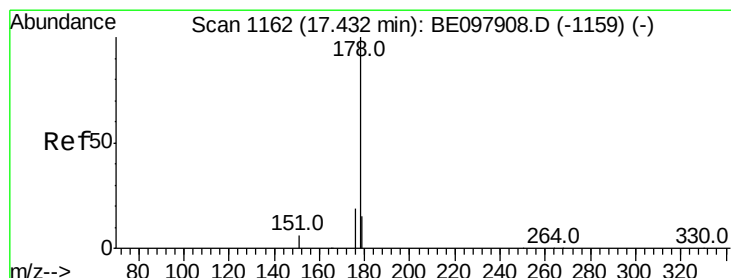
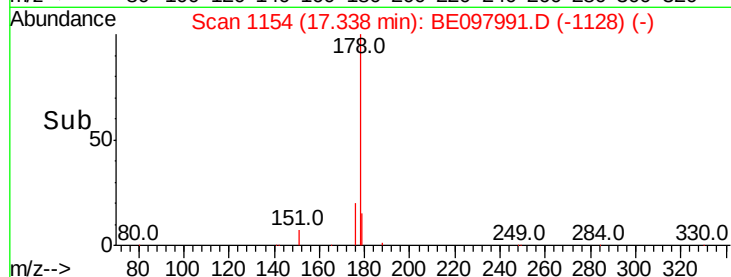
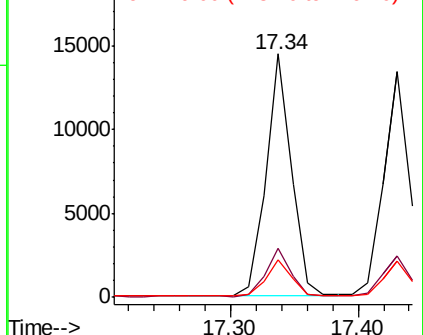


Abundance

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: 0.357 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

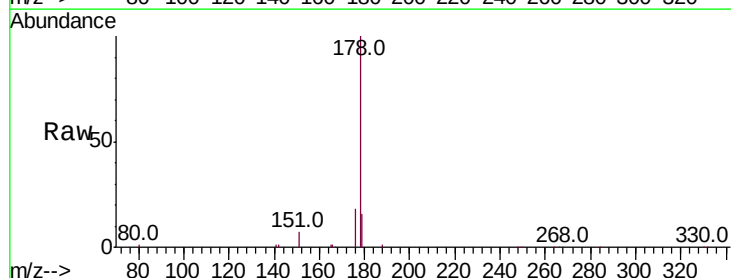
Tgt Ion:178 Resp: 18906

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.3 11.9 17.9

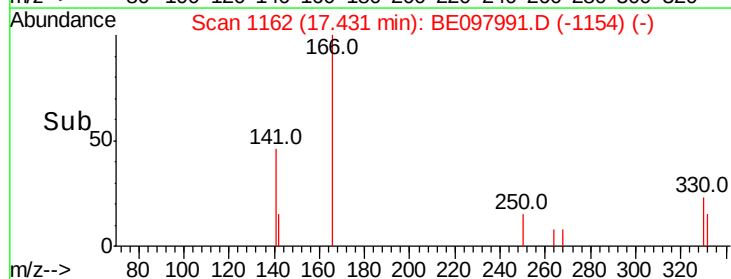
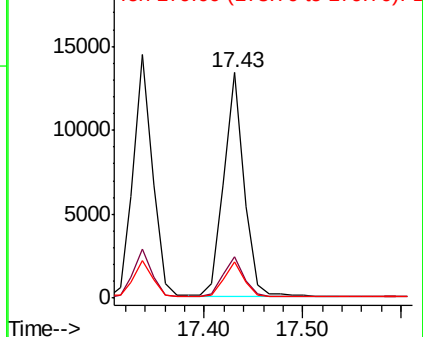


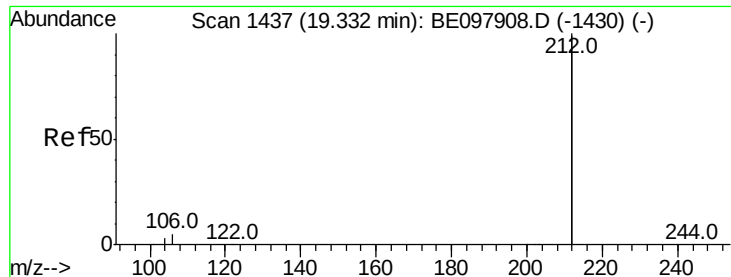
Abundance

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: 0.325 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampled :

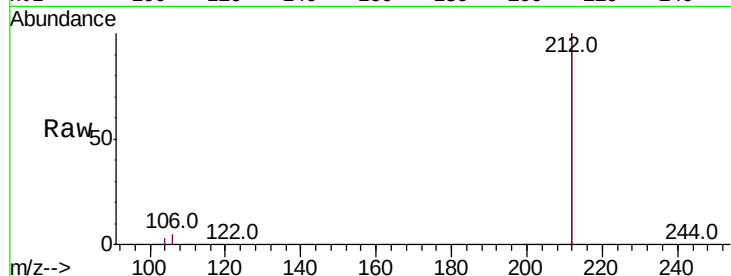
Tot Ion:212 Resp: 97079

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

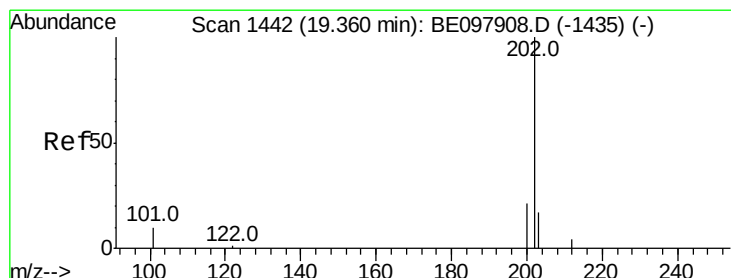
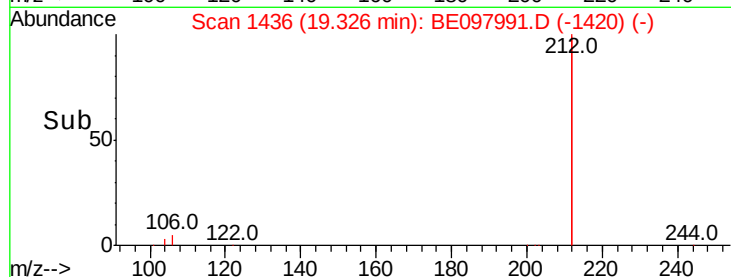
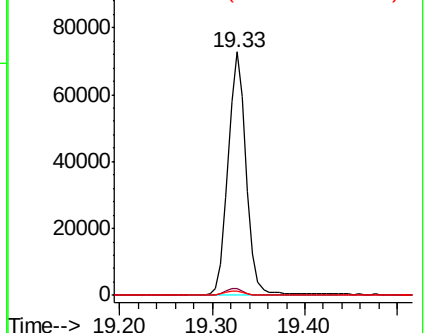
104 1.6 1.3 1.9



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: 0.327 ng

RT: 19.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

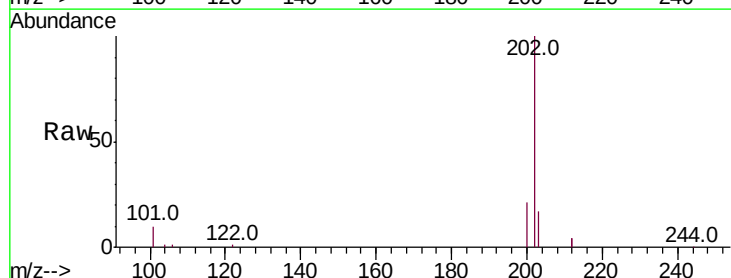
Tgt Ion:202 Resp: 24024

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

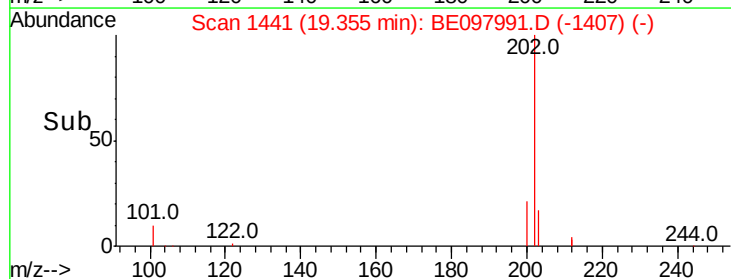
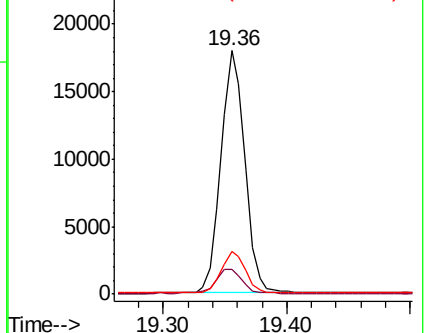
203 17.2 15.0 22.4

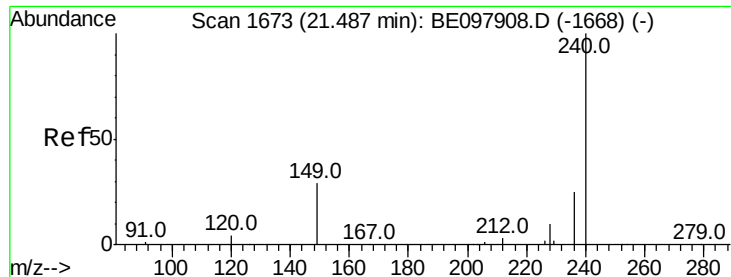


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

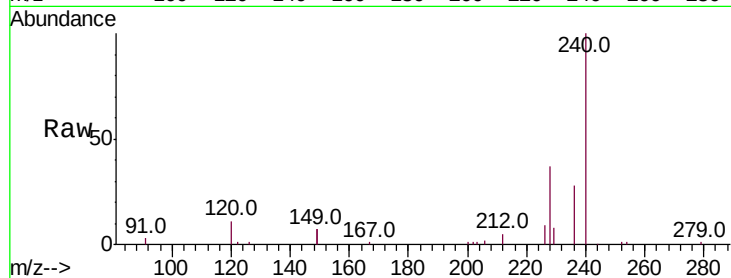
Tot Ion:240 Resp: 24839

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

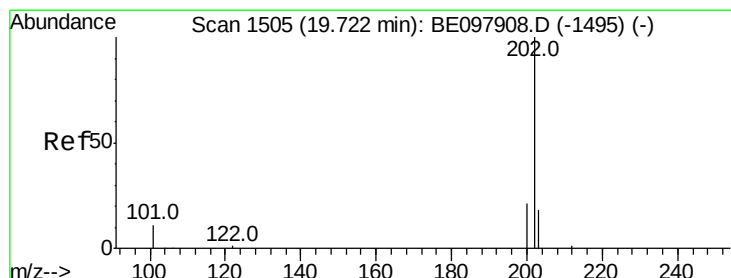
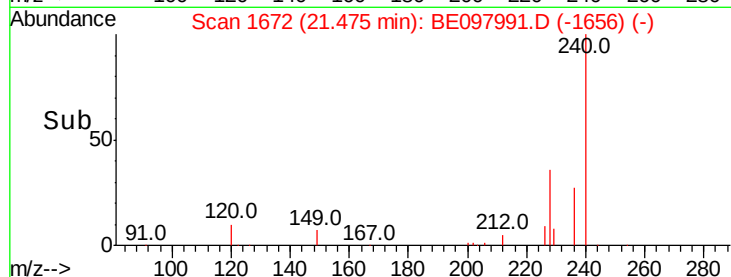
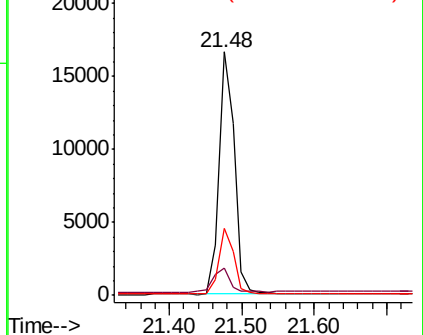
236 27.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.358 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

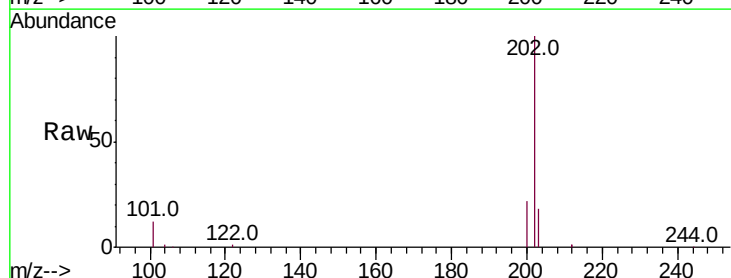
Tgt Ion:202 Resp: 25637

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

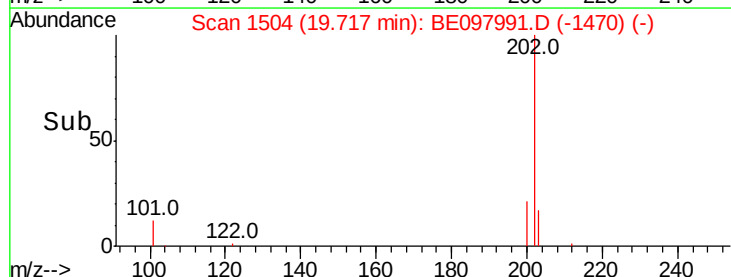
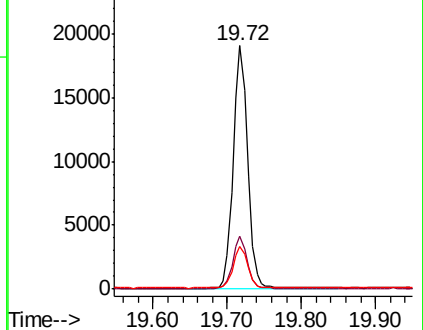
203 17.7 14.2 21.4

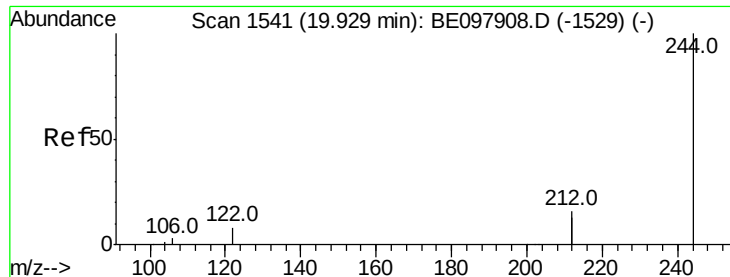


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

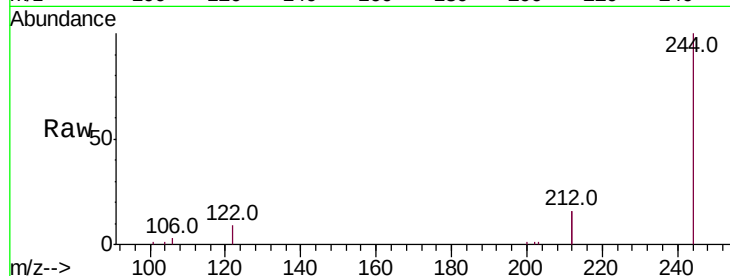
Tot Ion:244 Resp: 19414

Ion Ratio Lower Upper

244 100

212 31.0 26.2 39.2

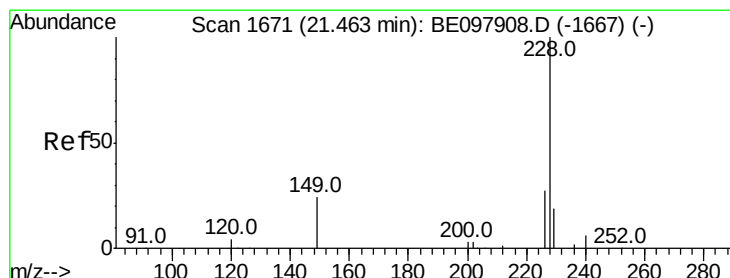
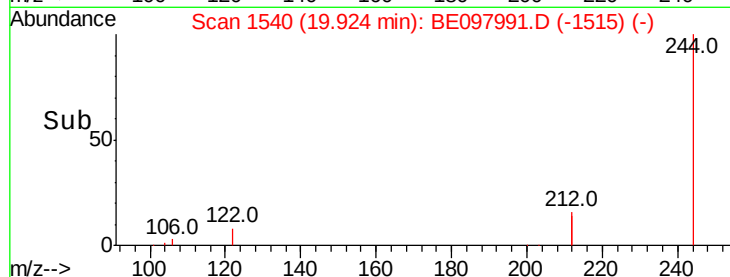
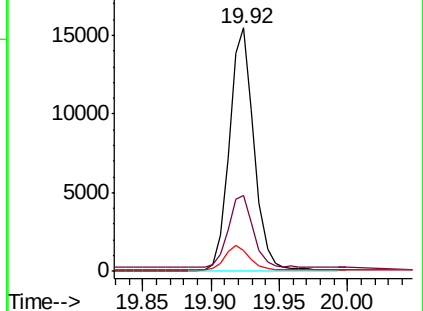
122 8.8 7.7 11.5



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: 0.353 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

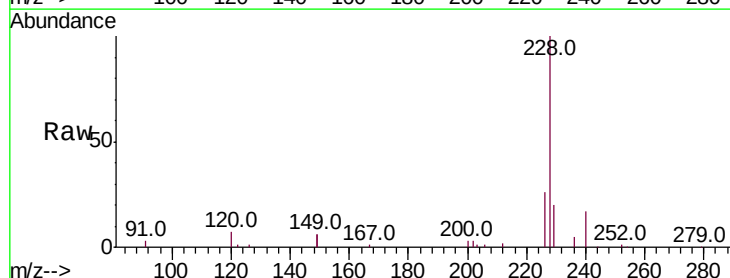
Tgt Ion:228 Resp: 26924

Ion Ratio Lower Upper

228 100

226 26.0 22.6 33.8

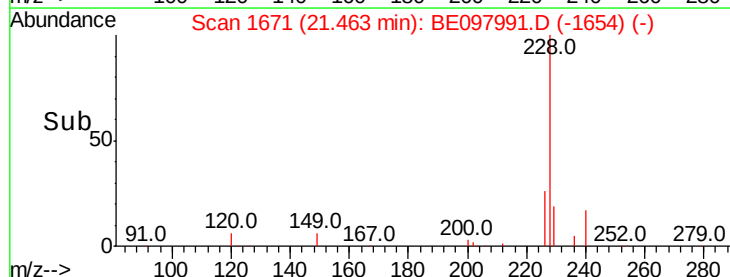
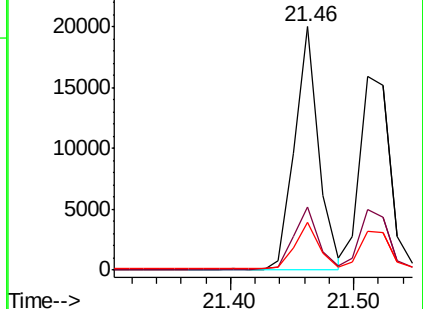
229 19.6 16.9 25.3

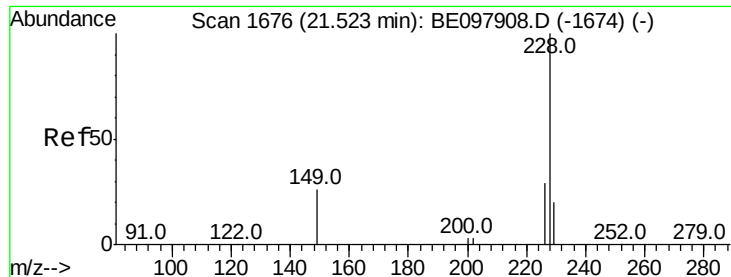


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.366 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

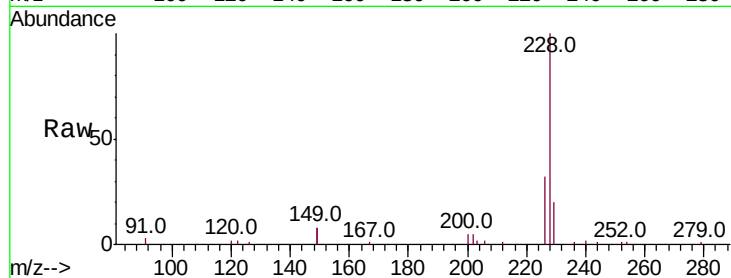
Tot Ion:228 Resp: 26426

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

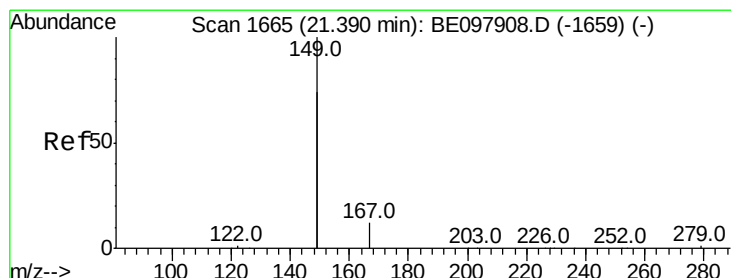
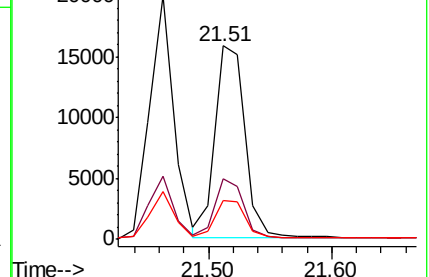
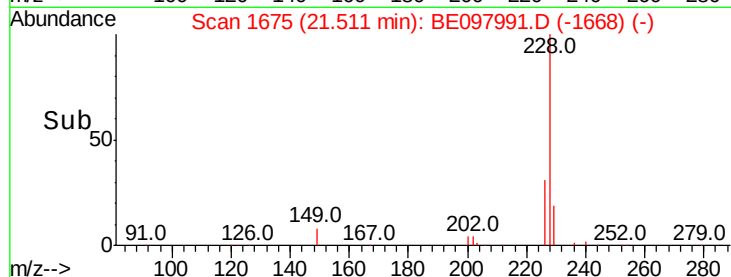
229 19.9 17.3 25.9



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: 0.297 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

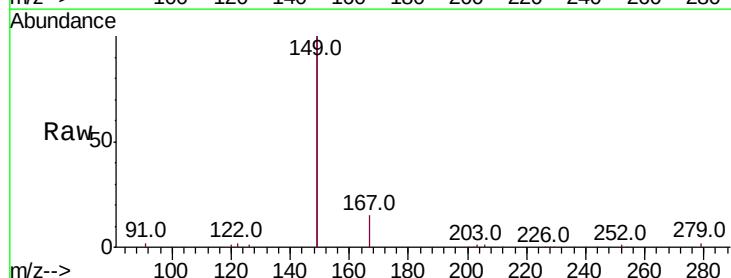
Tgt Ion:149 Resp: 57765

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

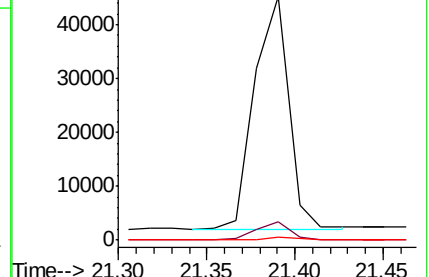
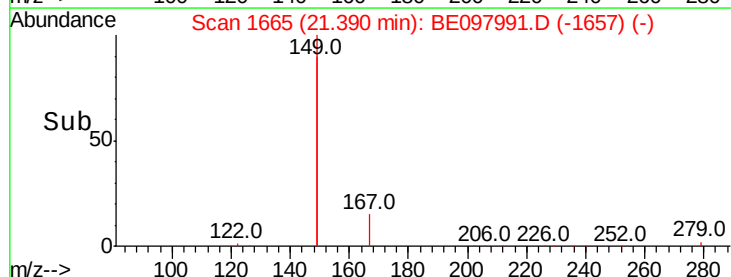
279 1.2 0.9 1.3

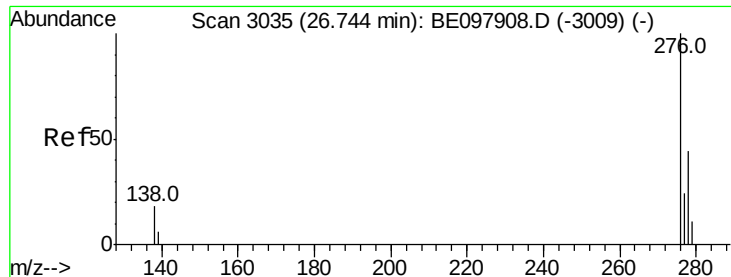


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

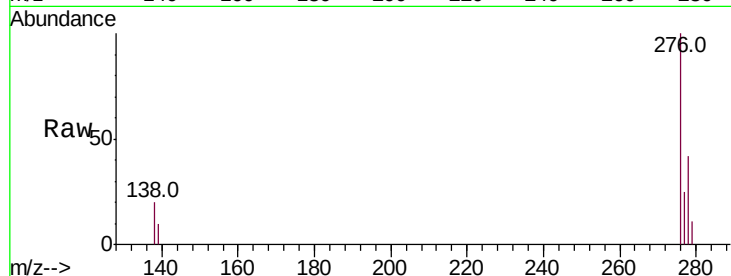




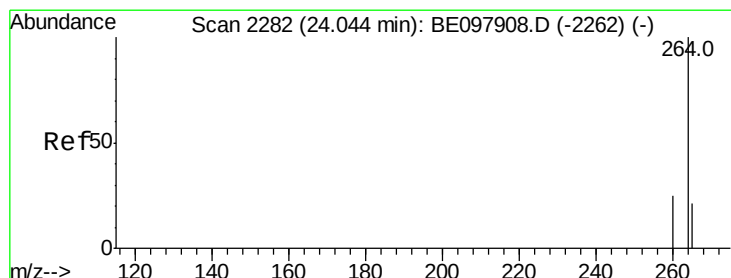
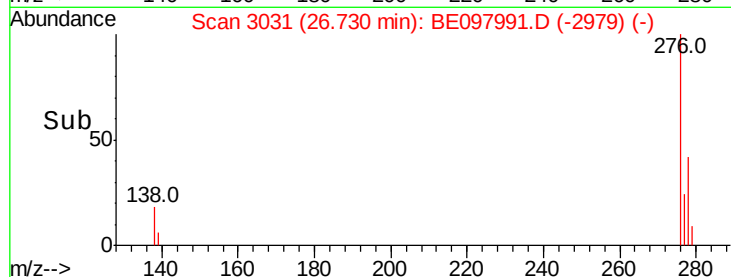
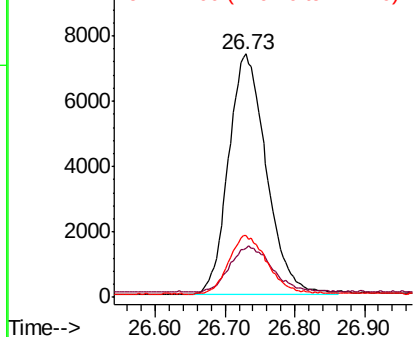
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.327 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 27742
 Ion Ratio Lower Upper
 276 100
 138 20.8 17.0 25.6
 277 24.8 20.5 30.7

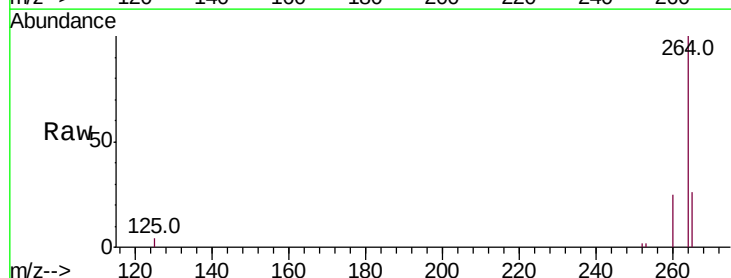


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

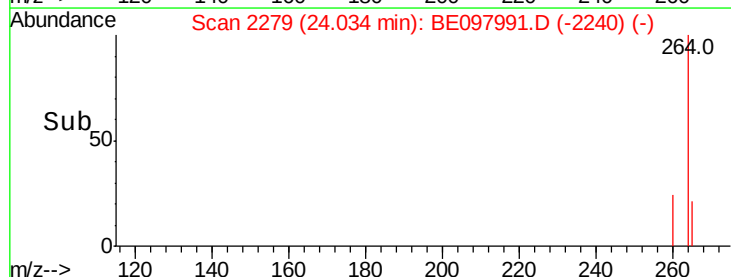
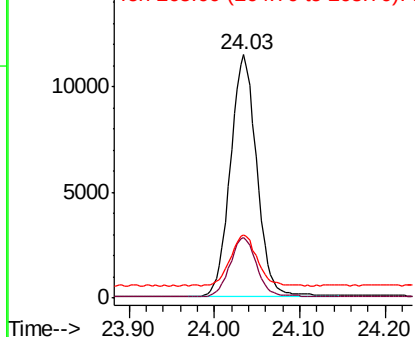


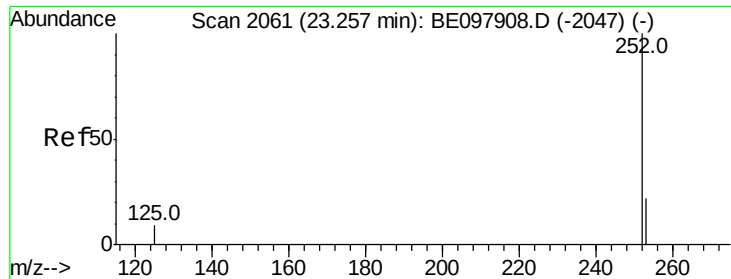
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097991.D
 Acq: 19 Oct 2018 14:48

Tgt Ion:264 Resp: 24426
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.1 31.7
 265 26.0 29.2 43.8#



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: 0.356 ng

RT: 23.25 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

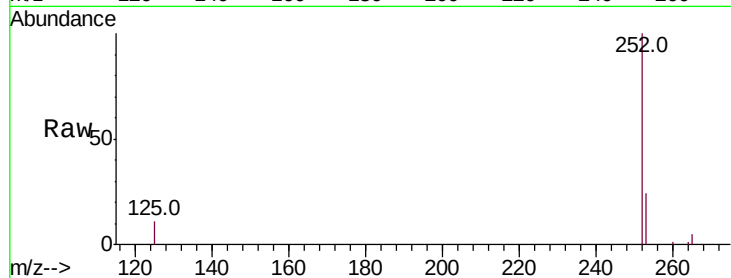
Tot Ion:252 Resp: 25040

Ion Ratio Lower Upper

252 100

253 23.7 20.6 31.0

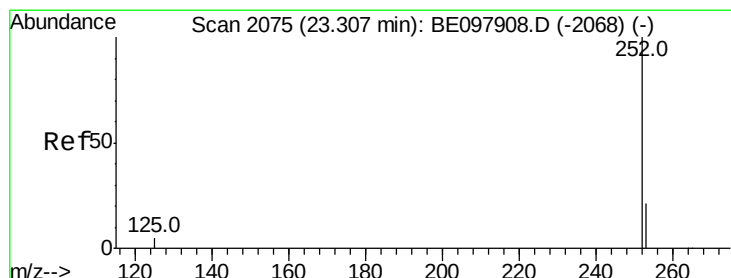
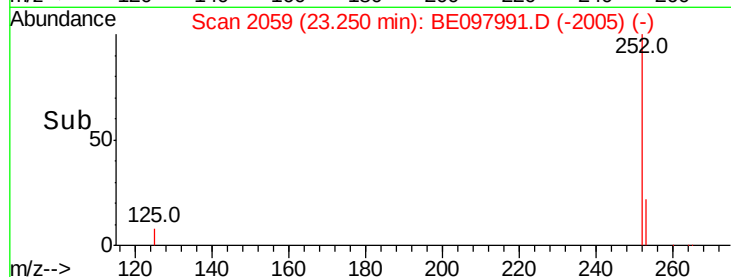
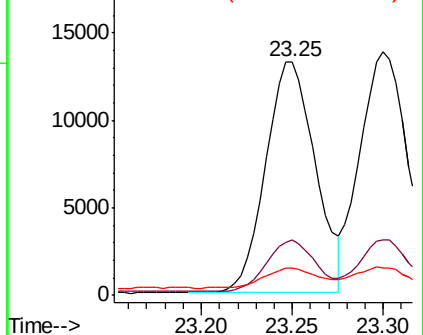
125 11.4 14.3 21.5#



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: 0.353 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

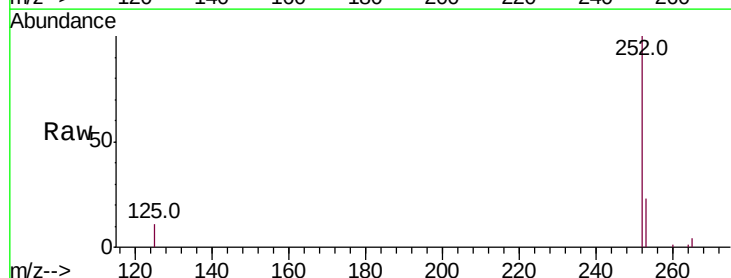
Tgt Ion:252 Resp: 25823

Ion Ratio Lower Upper

252 100

253 22.8 20.4 30.6

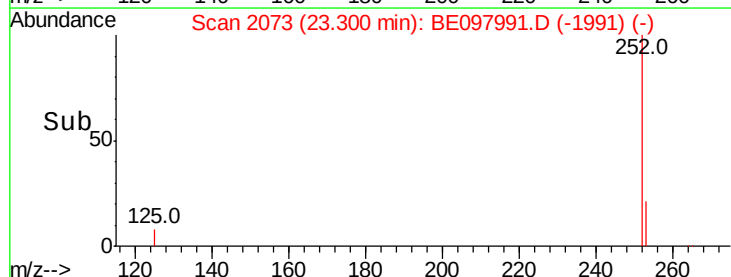
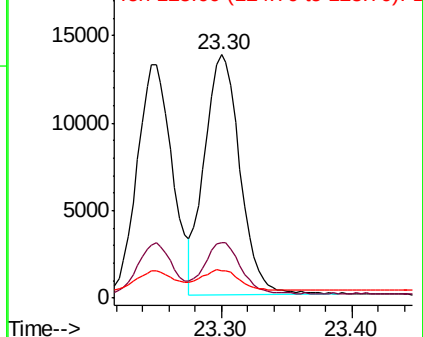
125 11.5 14.6 21.8#

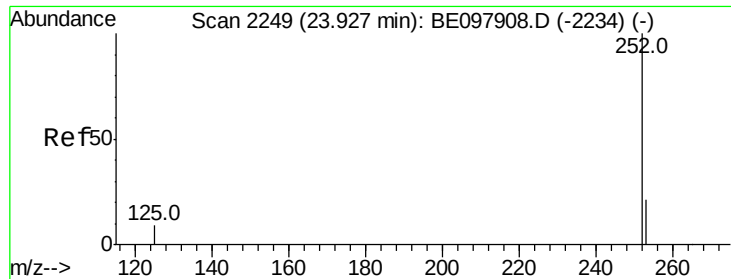


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

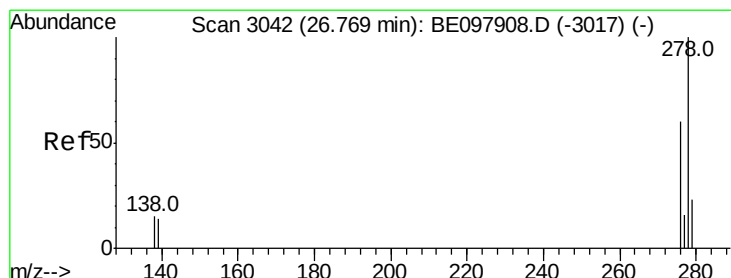
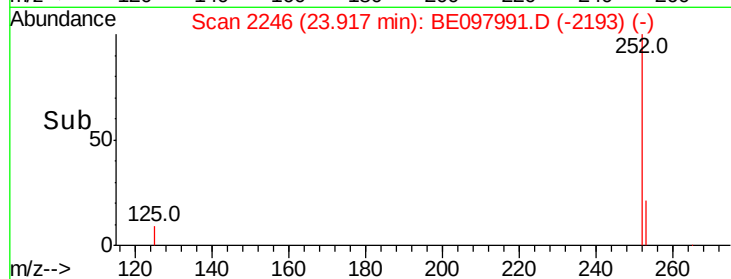
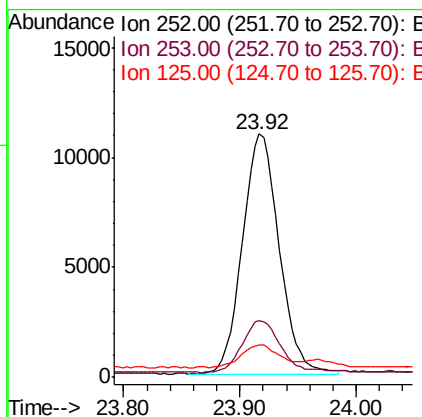
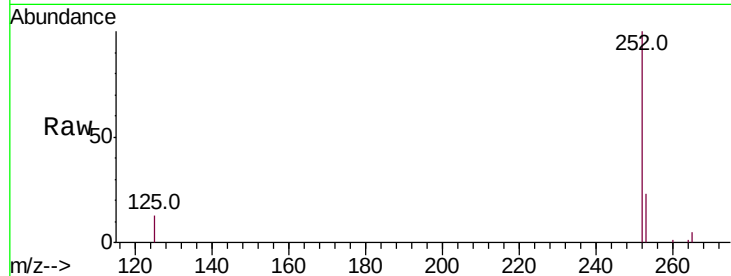




#37
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.92 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

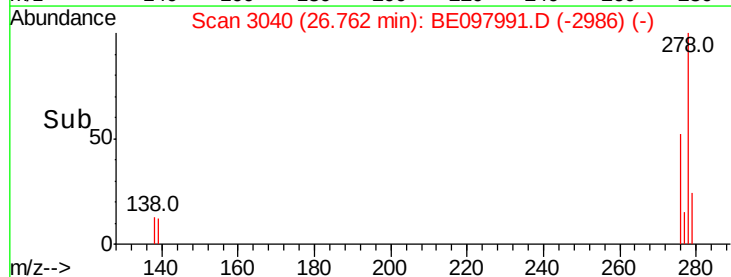
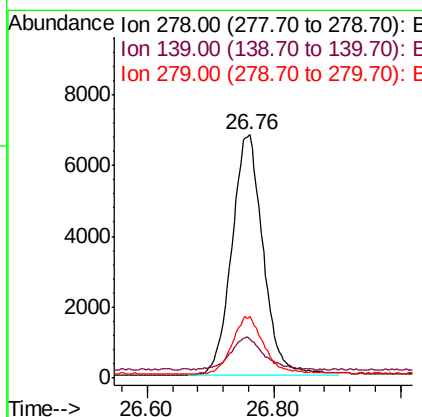
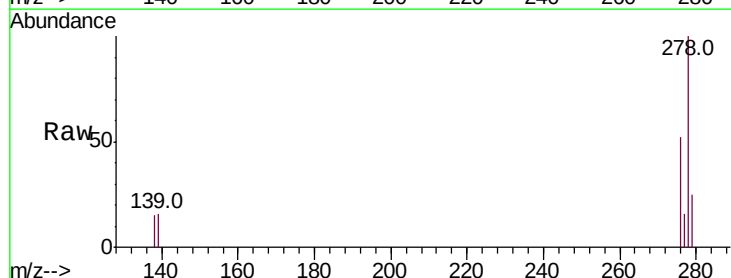
Instrument :
BNA_E
ClientSampled :

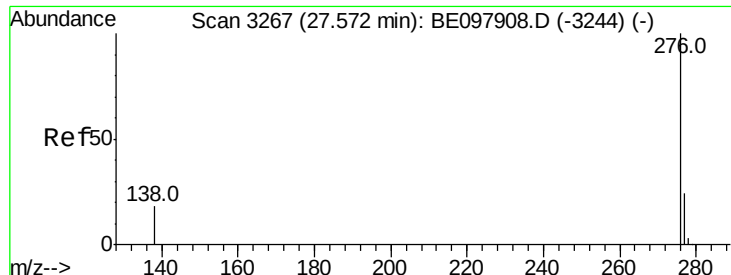
Tot Ion:252 Resp: 24006
Ion Ratio Lower Upper
252 100
253 23.2 20.6 31.0
125 13.1 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.76 min Scan# 3040
Delta R.T. -0.01 min
Lab File: BE097991.D
Acq: 19 Oct 2018 14:48

Tgt Ion:278 Resp: 23388
Ion Ratio Lower Upper
278 100
139 15.7 16.3 24.5#
279 25.3 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.342 ng

RT: 27.56 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BE097991.D

Acq: 19 Oct 2018 14:48

Instrument :

BNA_E

ClientSampleId :

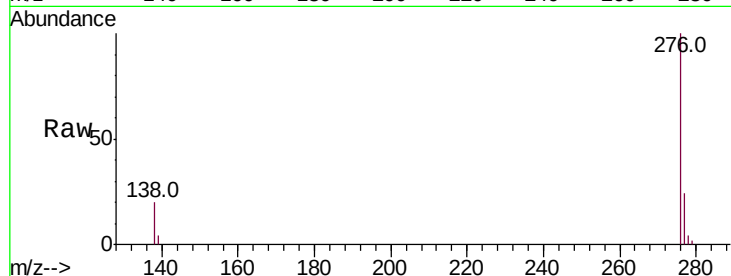
Tot Ion:276 Resp: 23516

Ion Ratio Lower Upper

276 100

277 24.1 22.1 33.1

138 19.8 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

