

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
 Data File : BE097342.D
 Acq On : 20 Aug 2018 21:19
 Operator : SJ/JU
 Sample : J4473-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 21 05:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 18:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	947	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4983	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2799	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7246	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6863	0.40	ng	-0.01
34) Perylene-d12	23.21	264	5884	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	442	0.20	ng	0.00
5) Phenol-d6	6.59	99	368	0.11	ng	0.00
8) Nitrobenzene-d5	8.52	82	1236	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2875	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	259	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	6649	0.58	ng	0.00
25) Fluoranthene-d10	18.80	212	32985	0.51	ng	0.00
29) Terphenyl-d14	19.42	244	7575	0.55	ng	0.00

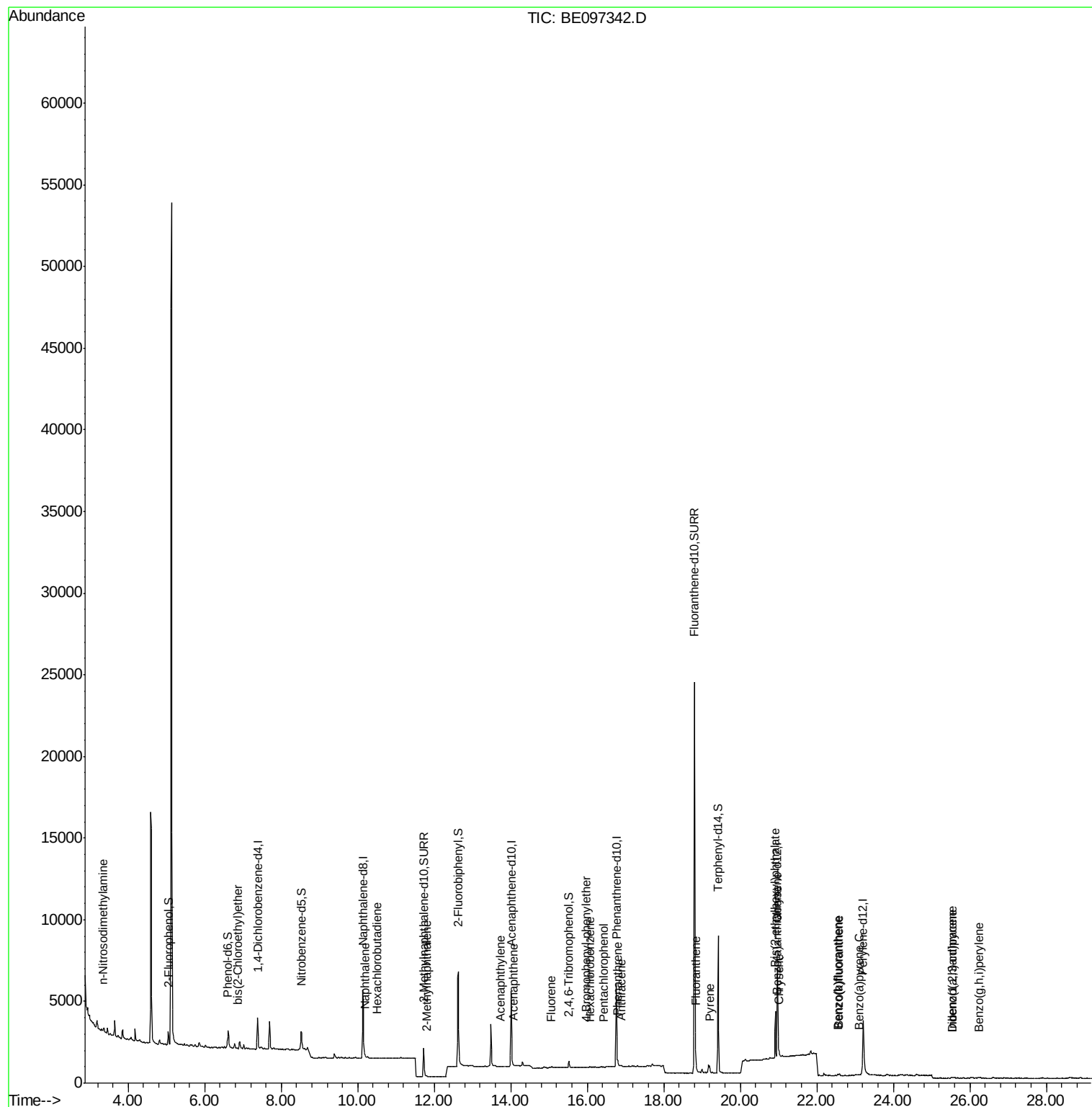
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.35	42	71	0.054	ng	# 1
6) bis(2-Chloroethyl)ether	6.87	93	11	0.003	ng	# 1
9) Naphthalene	10.19	128	259	0.006	ng	# 64
10) Hexachlorobutadiene	10.51	225	1	0.000	ng	# 17
12) 2-Methylnaphthalene	11.80	142	32	0.005	ng	# 68
16) Acenaphthylene	13.73	152	23	0.002	ng	# 93
17) Acenaphthene	14.07	154	17	0.002	ng	# 39
18) Fluorene	15.06	166	57	0.006	ng	# 76
20) 4-Bromophenyl-phenylether	15.97	248	13	0.004	ng	# 54
21) Hexachlorobenzene	16.08	284	10	0.002	ng	# 31
22) Pentachlorophenol	16.43	266	11	0.038	ng	# 93
23) Phenanthrene	16.80	178	308	0.017	ng	# 91
24) Anthracene	16.89	178	52	0.004	ng	# 82
26) Fluoranthene	18.84	202	468	0.027	ng	# 97
28) Pyrene	19.20	202	392	0.021	ng	# 97
30) Benzo(a)anthracene	20.95	228	147	0.010	ng	# 46
31) Chrysene	21.00	228	188	0.010	ng	# 48
32) Bis(2-ethylhexyl)phthalate	20.92	149	3420	0.408	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.53	276	32	0.003	ng	# 73
35) Benzo(b)fluoranthene	22.54	252	149	0.010	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	111	0.005	ng	# 1
37) Benzo(a)pyrene	23.11	252	53	0.004	ng	# 1
38) Dibenzo(a,h)anthracene	25.54	278	7	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.23	276	42	0.003	ng	# 1

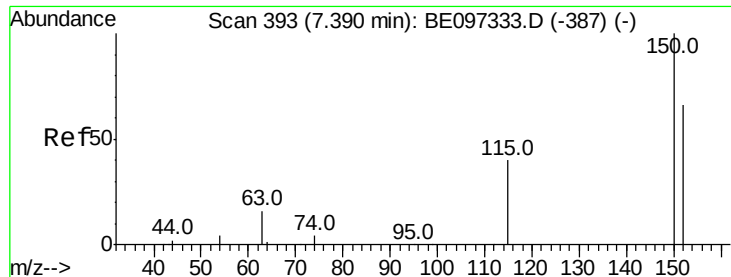
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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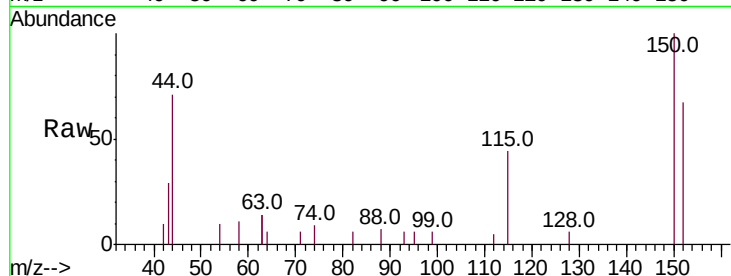


#1

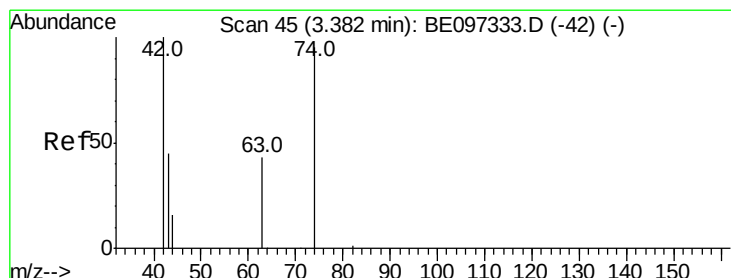
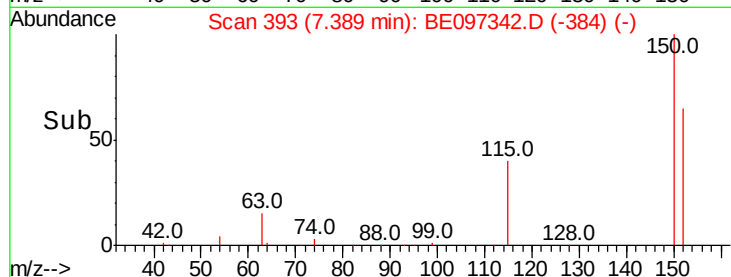
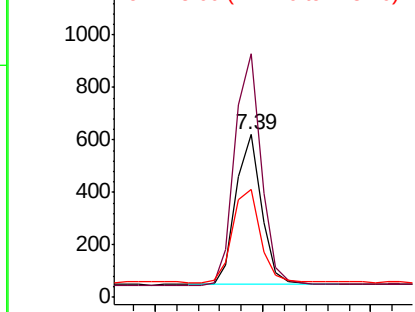
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 947
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 66.0 57.0 85.6



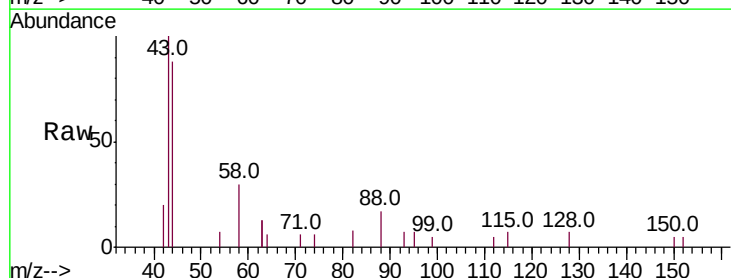
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



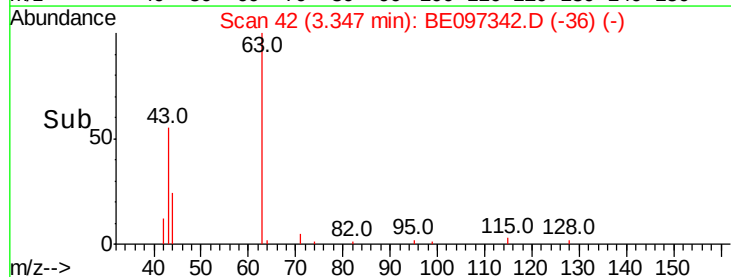
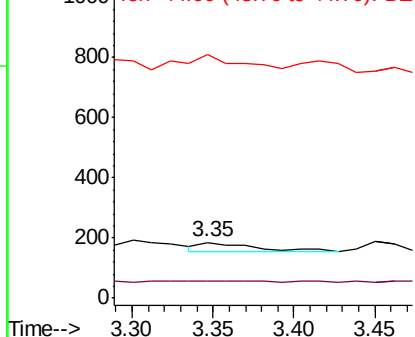
#3

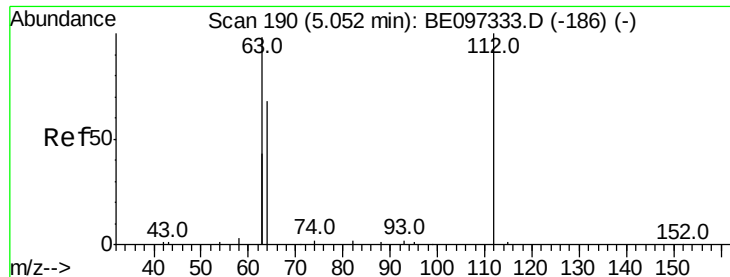
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.04 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Tgt Ion: 42 Resp: 71
Ion Ratio Lower Upper
42 100
74 4.2 96.0 144.0#
44 177.5 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: 0.204 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

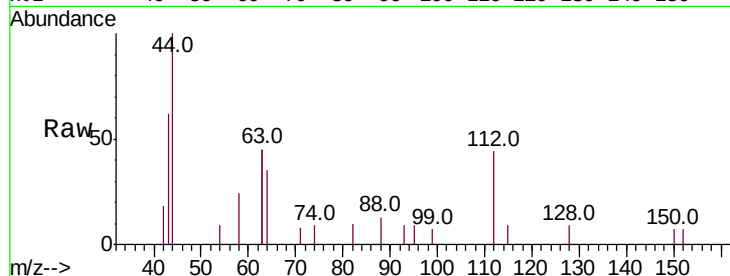
Tot Ion:112 Resp: 442

Ion Ratio Lower Upper

112 100

64 65.8 60.1 90.1

63 134.4 116.8 175.2



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

800

600

400

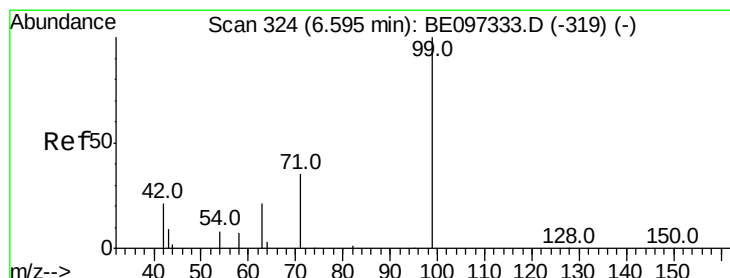
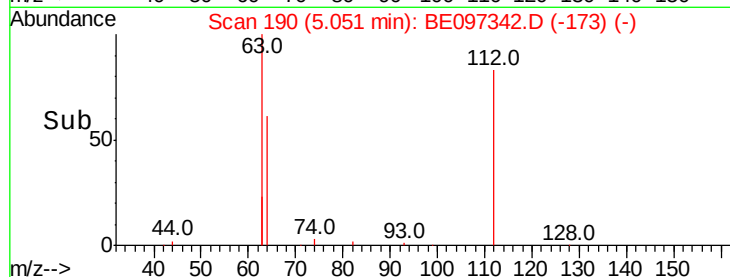
200

0

5.05

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.114 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

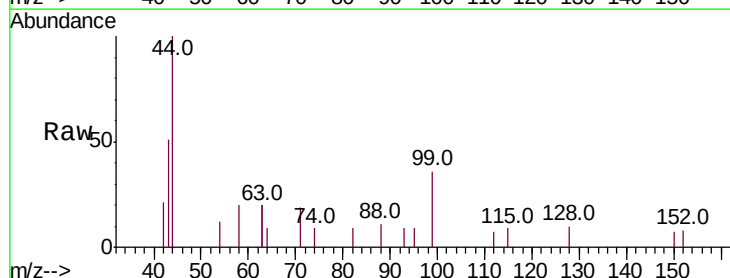
Tgt Ion: 99 Resp: 368

Ion Ratio Lower Upper

99 100

42 35.1 20.2 30.2#

71 34.0 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

300

250

200

150

100

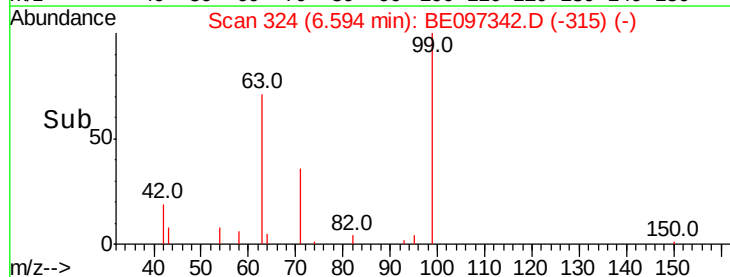
50

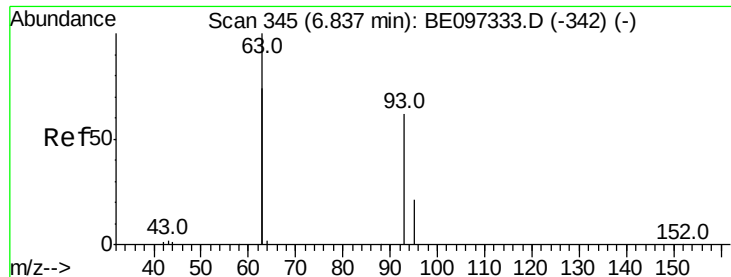
0

6.59

6.50 6.60 6.70

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

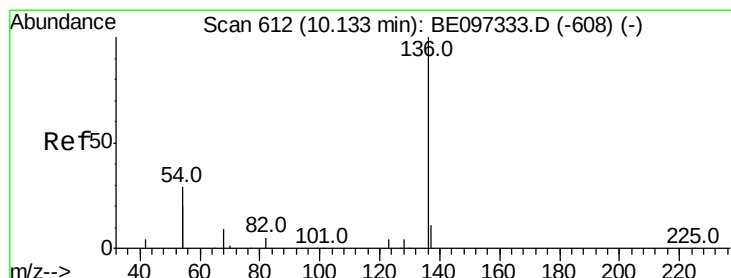
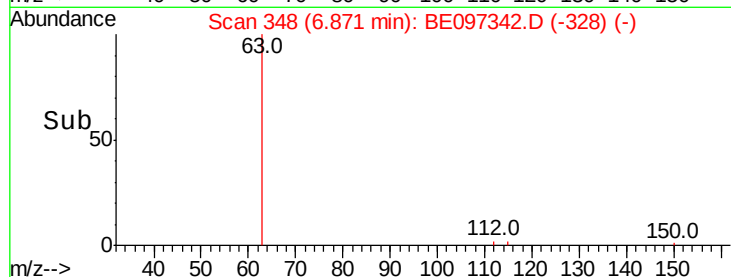
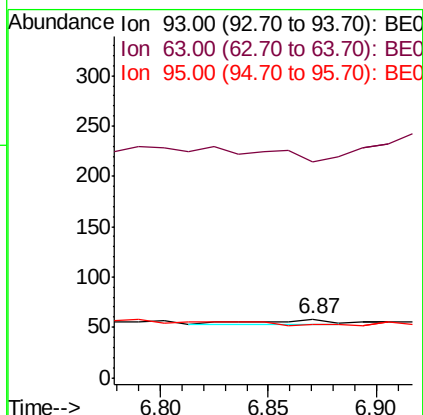
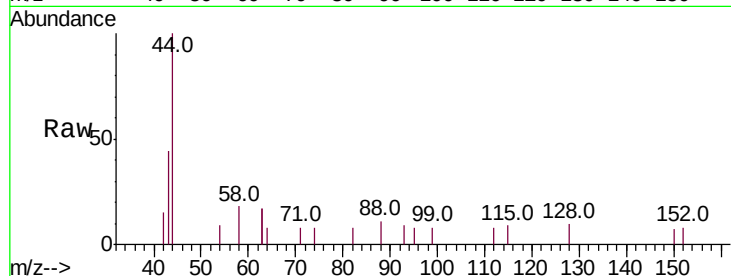
Tot Ion: 93 Resp: 11

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 0.0 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Tgt Ion: 136 Resp: 4983

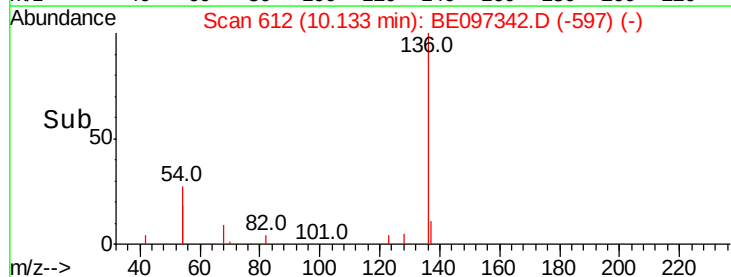
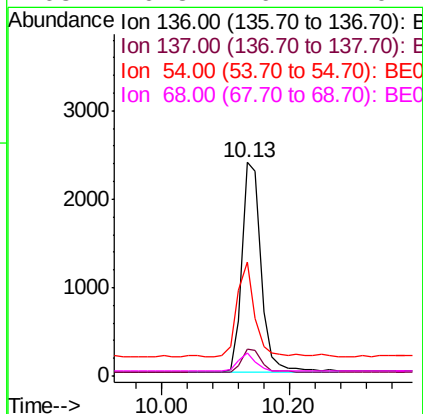
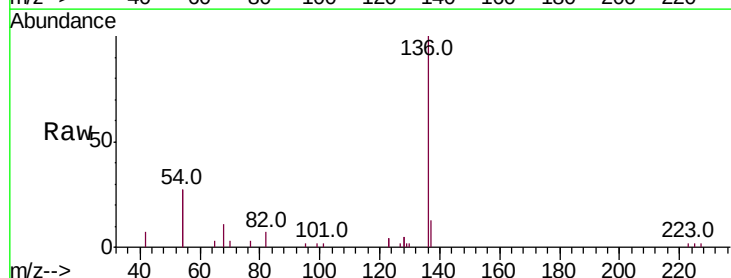
Ion Ratio Lower Upper

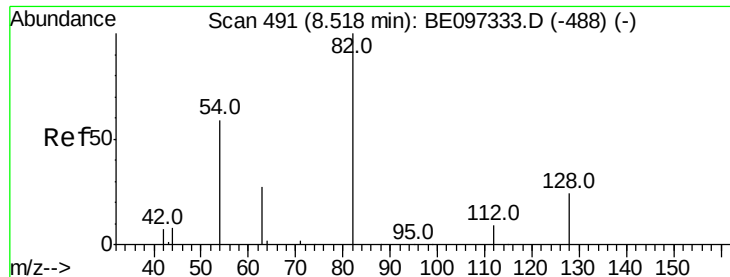
136 100

137 12.7 9.5 14.3

54 53.1 29.1 43.7#

68 10.8 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.580 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

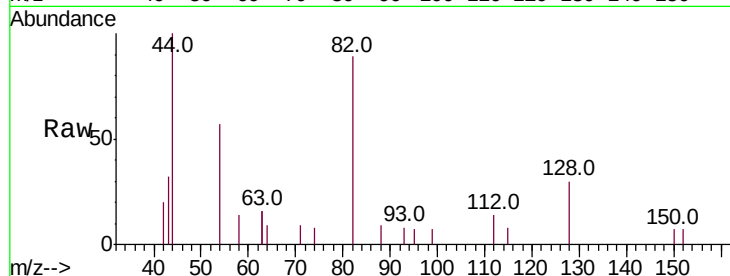
Tot Ion: 82 Resp: 1236

Ion Ratio Lower Upper

82 100

128 33.9 24.0 36.0

54 63.8 40.0 60.0#

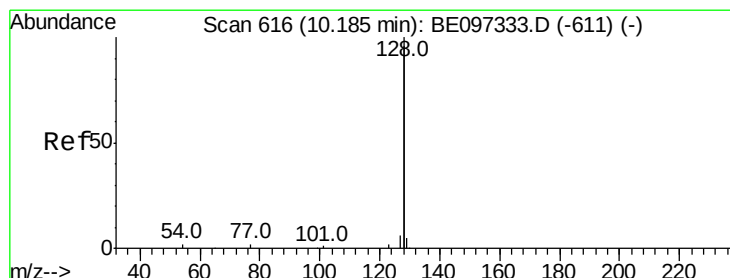
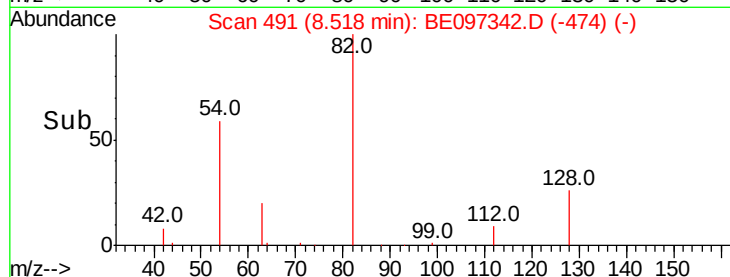


Abundance Ion 82.00 (81.70 to 82.70): BE097333.D (-488) (-)

Ion 128.00 (127.70 to 128.70): BE097333.D (-488) (-)

Ion 54.00 (53.70 to 54.70): BE097333.D (-488) (-)

Time-->



#9

Naphthalene

Concen: 0.006 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

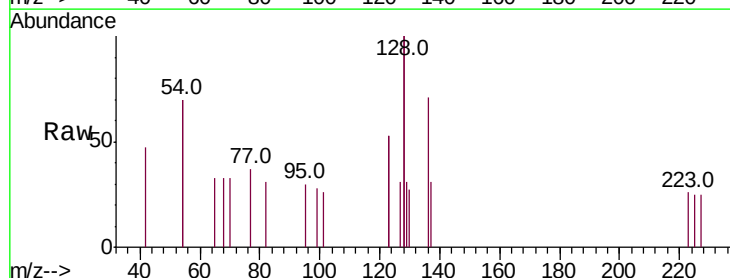
Tgt Ion:128 Resp: 259

Ion Ratio Lower Upper

128 100

129 15.3 2.6 3.8#

127 15.3 2.8 4.2#

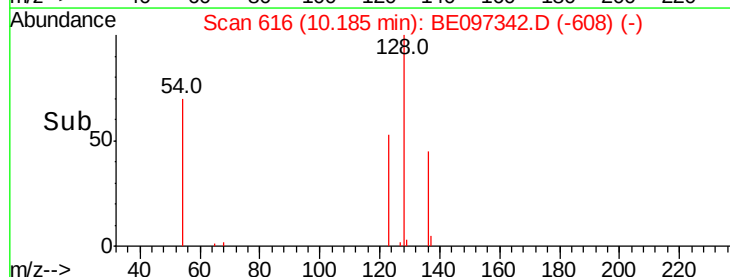


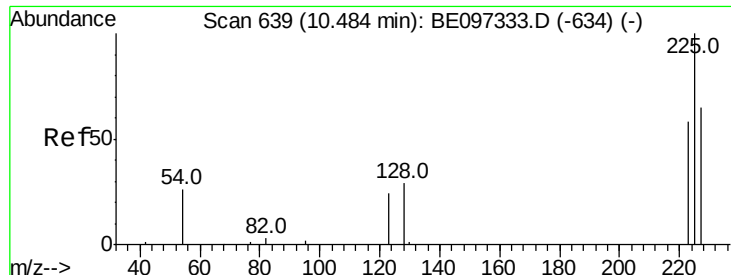
Abundance Ion 128.00 (127.70 to 128.70): BE097333.D (-611) (-)

Ion 129.00 (128.70 to 129.70): BE097333.D (-611) (-)

Ion 127.00 (126.70 to 127.70): BE097333.D (-611) (-)

Time-->

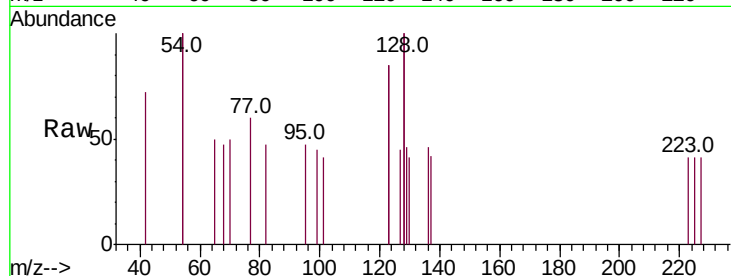




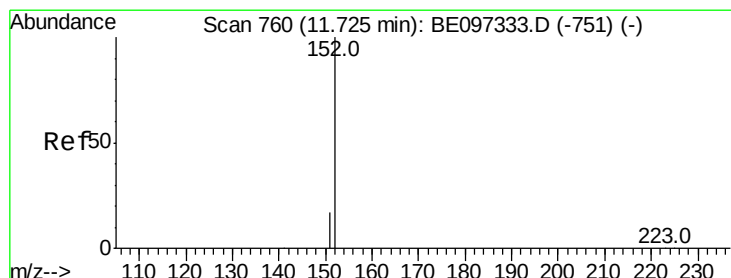
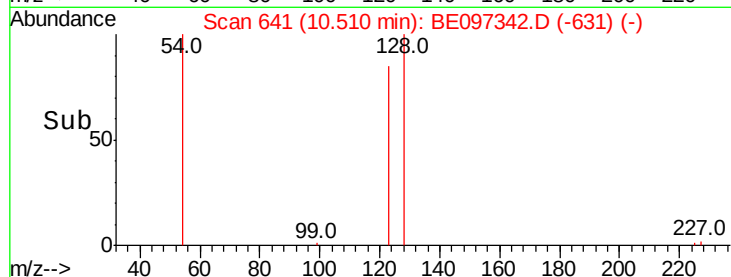
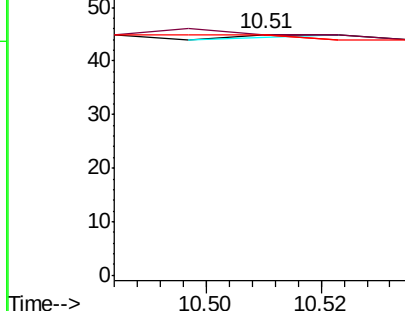
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.51 min Scan# 641
Delta R.T. 0.03 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#

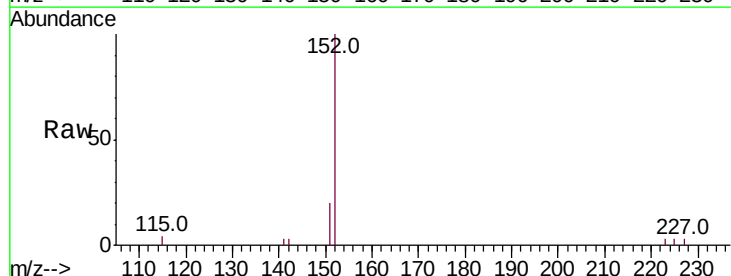


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

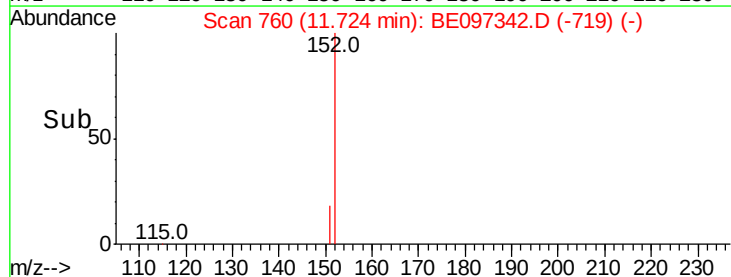
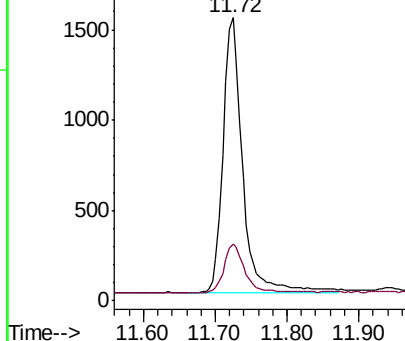


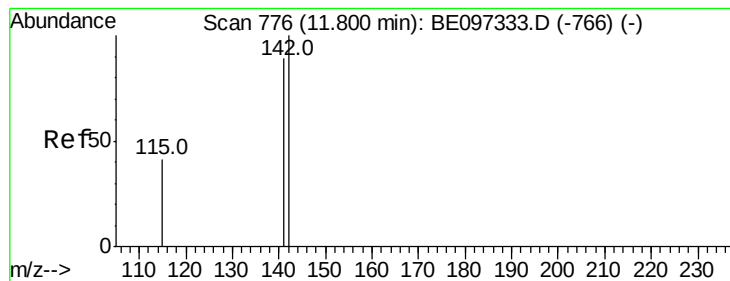
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Tgt Ion:152 Resp: 2875
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0



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





#12

2-Methylnaphthalene

Concen: 0.005 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

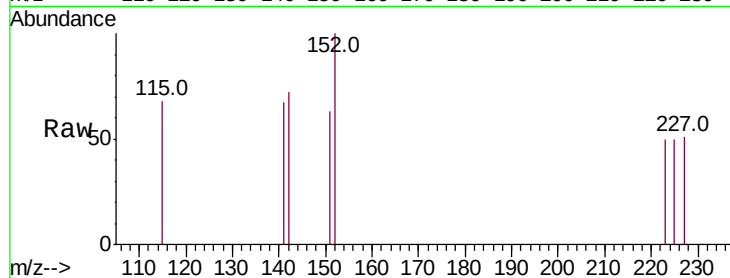
Tot Ion:142 Resp: 32

Ion Ratio Lower Upper

142 100

141 93.7 70.4 105.6

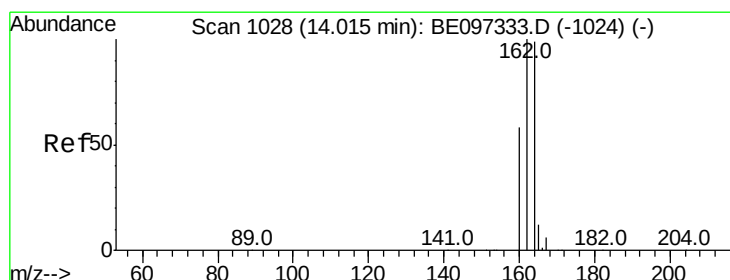
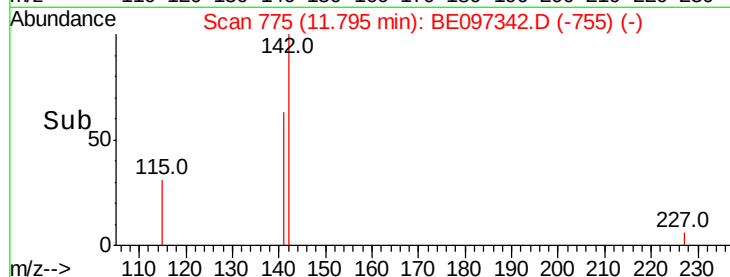
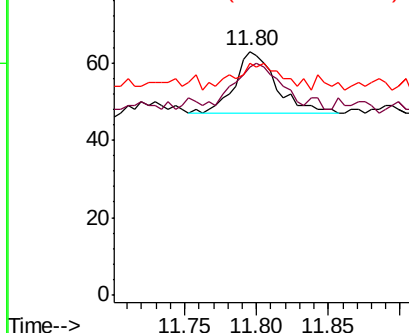
115 95.2 31.7 47.5#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

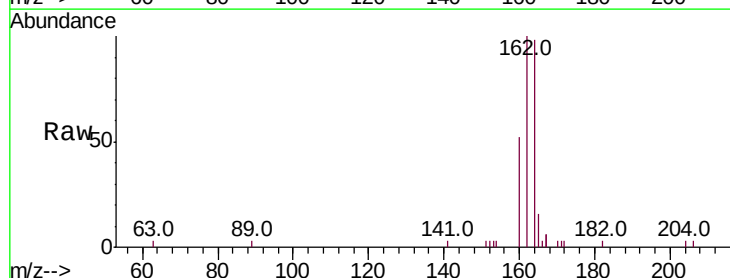
Tgt Ion:164 Resp: 2799

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

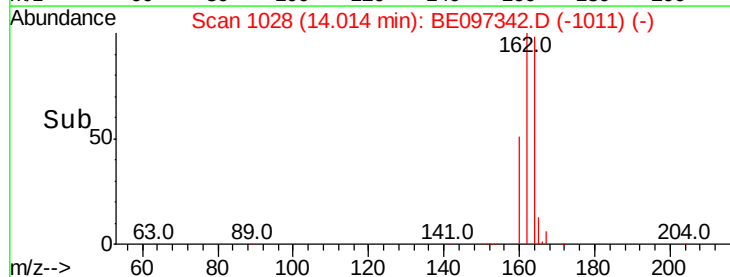
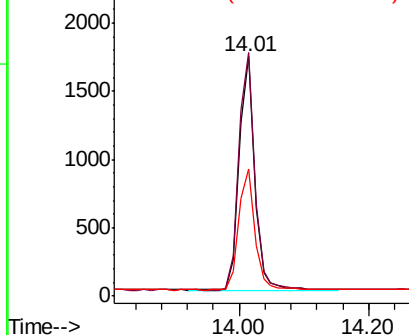
160 52.9 37.1 55.7

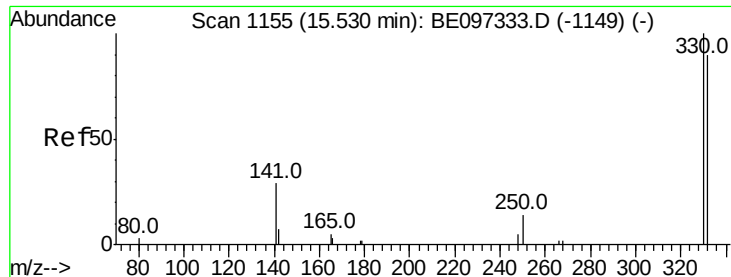


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.494 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampled :

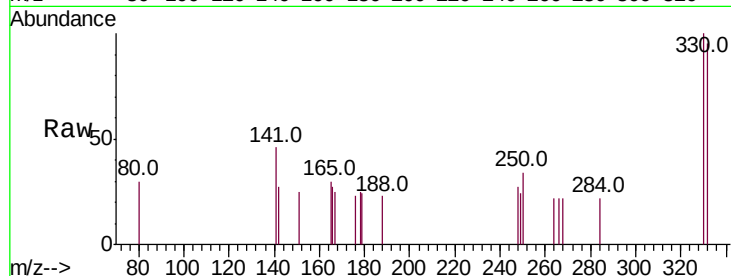
Tot Ion:330 Resp: 259

Ion Ratio Lower Upper

330 100

332 98.5 152.7 229.1#

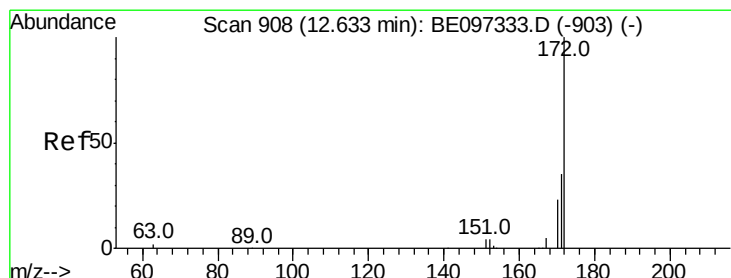
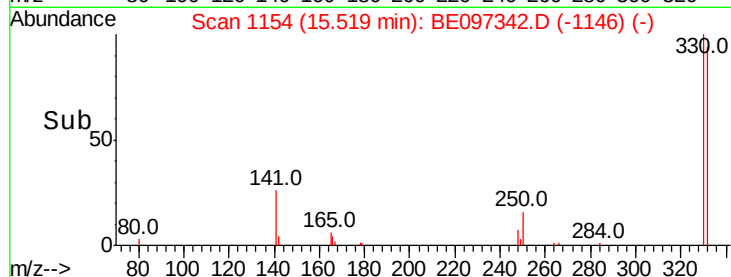
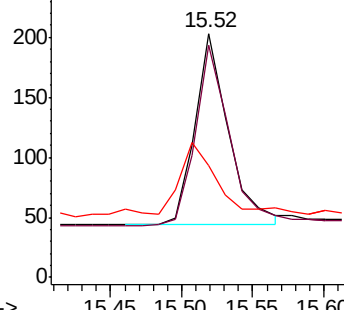
141 41.7 33.7 50.5



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: 0.579 ng

RT: 12.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

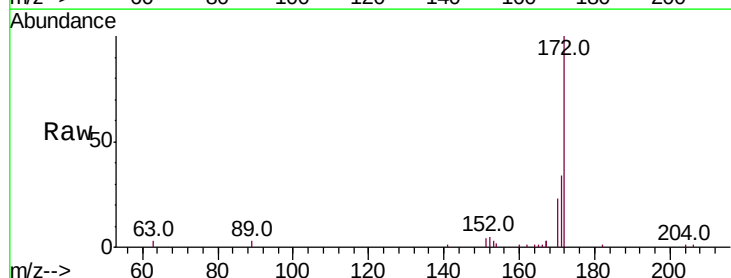
Tgt Ion:172 Resp: 6649

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

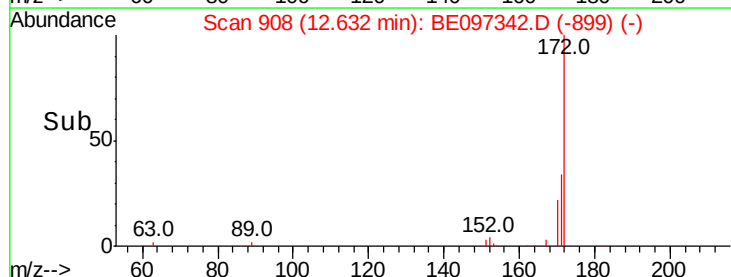
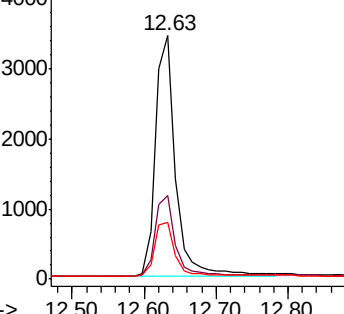
170 23.2 21.8 32.8

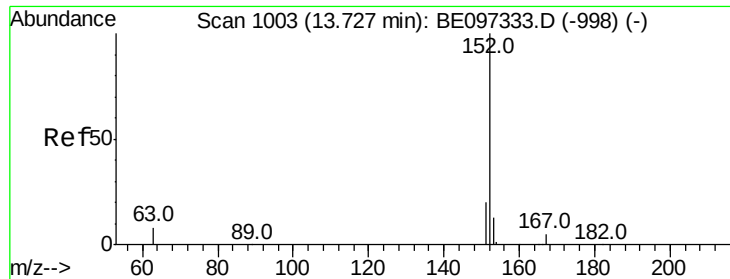


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.002 ng

RT: 13.73 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

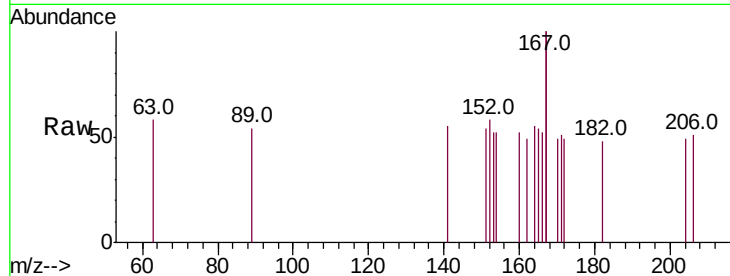
Tot Ion:152 Resp: 23

Ion Ratio Lower Upper

152 100

151 17.4 15.7 23.5

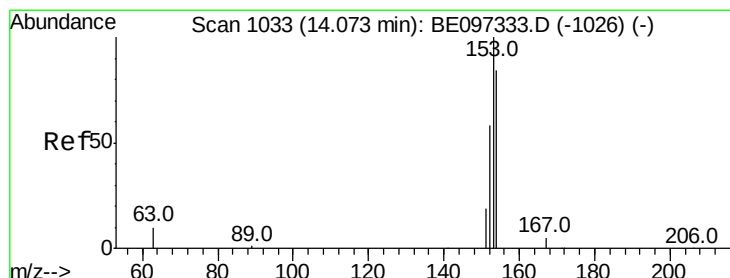
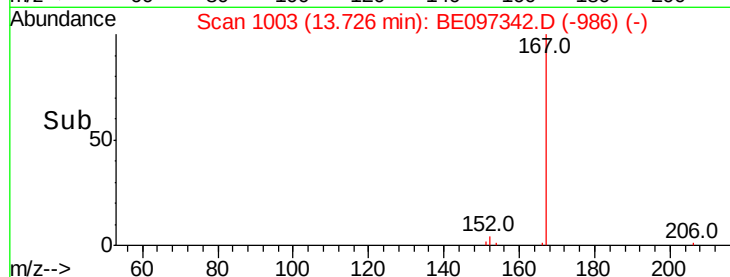
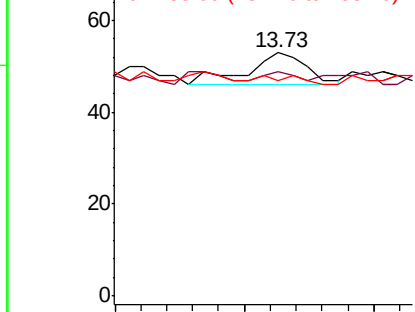
153 17.4 10.5 15.7#



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: 0.002 ng

RT: 14.07 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

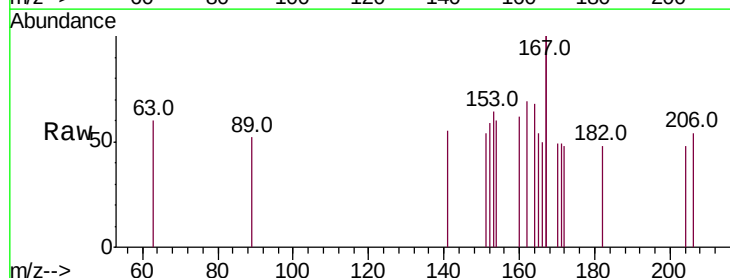
Tgt Ion:154 Resp: 17

Ion Ratio Lower Upper

154 100

153 194.1 89.2 133.8#

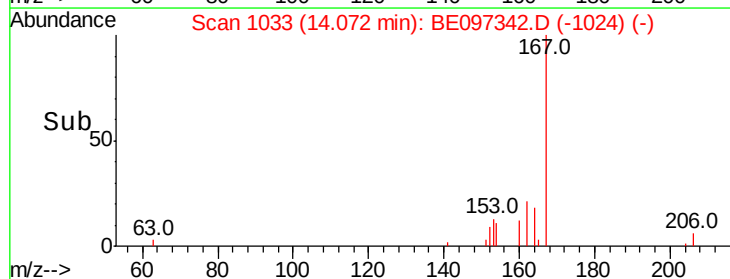
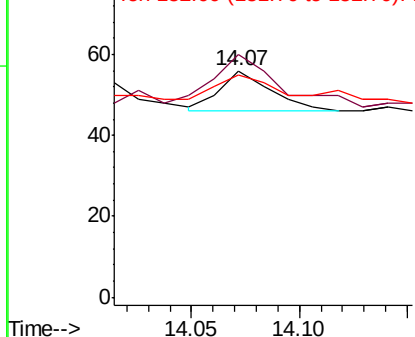
152 70.6 42.0 63.0#

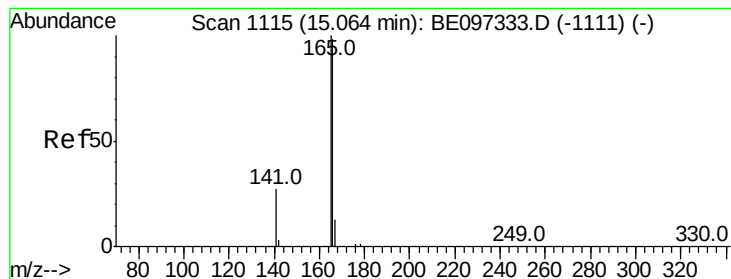


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.006 ng

RT: 15.06 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampled :

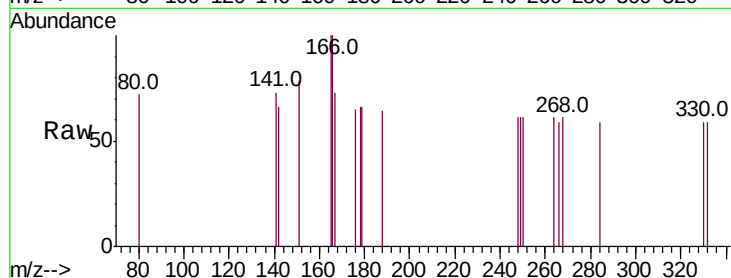
Tot Ion:166 Resp: 57

Ion Ratio Lower Upper

166 100

165 87.7 77.8 116.6

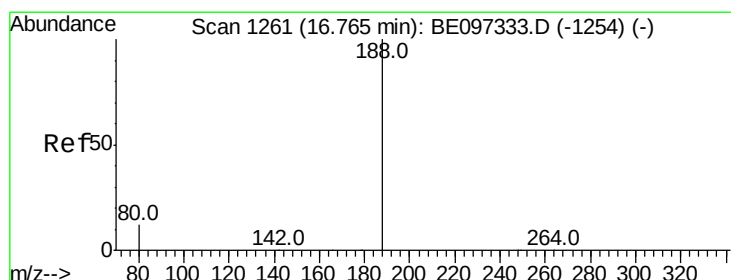
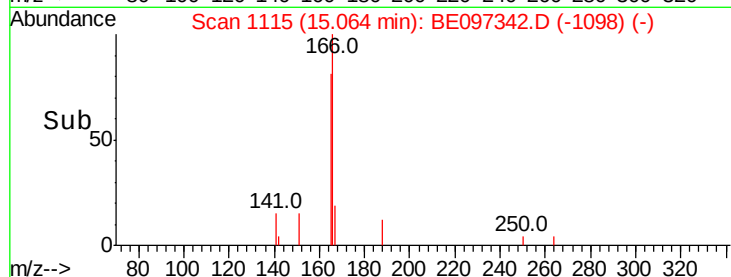
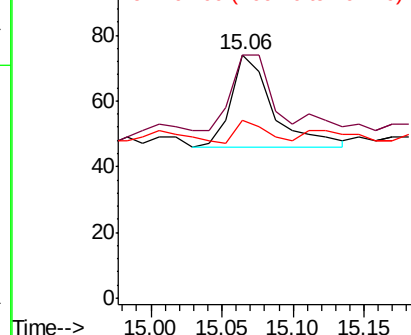
167 17.5 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

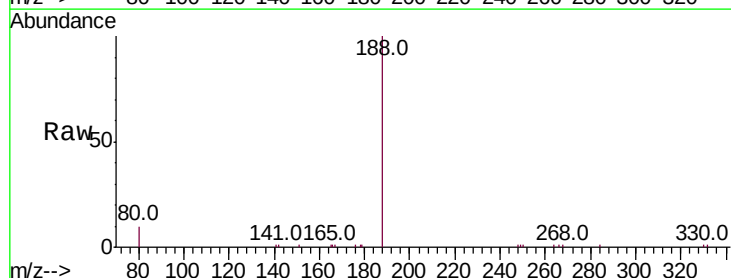
Tgt Ion:188 Resp: 7246

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

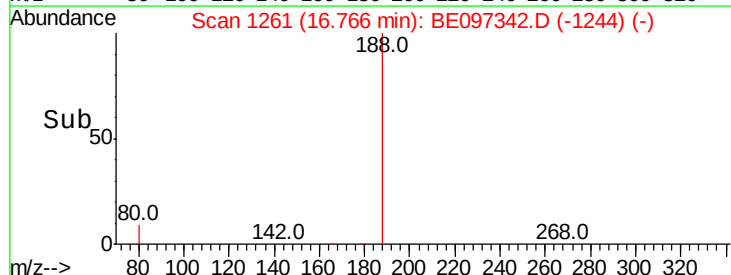
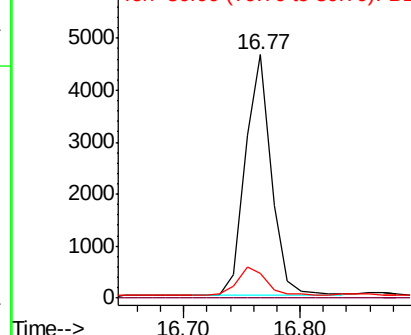
80 10.1 3.6 5.4#

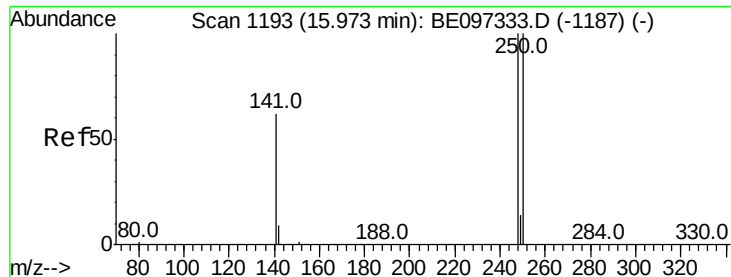


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

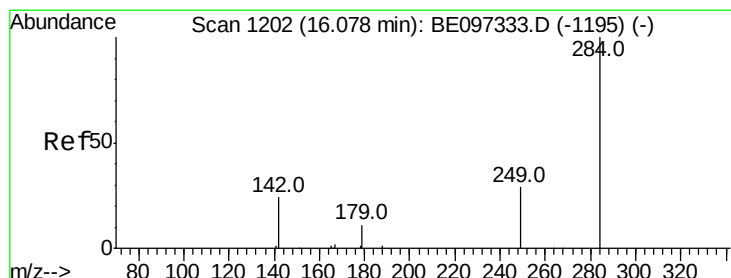
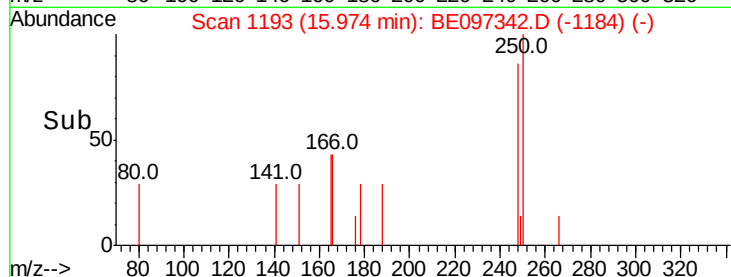
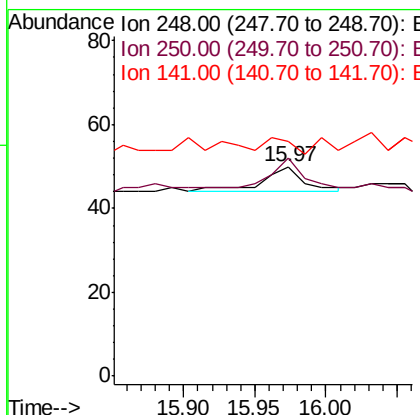
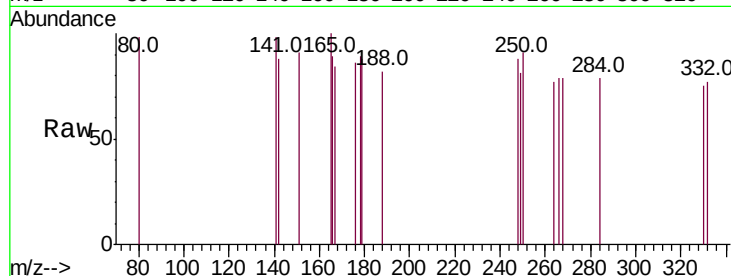




#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

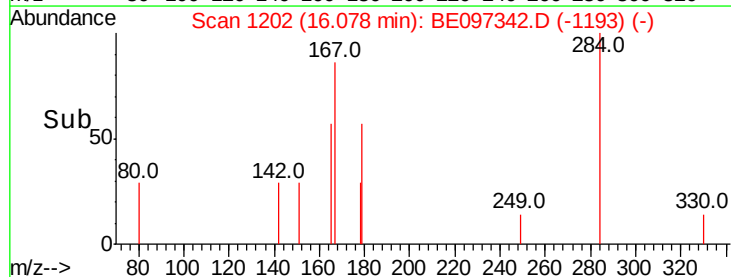
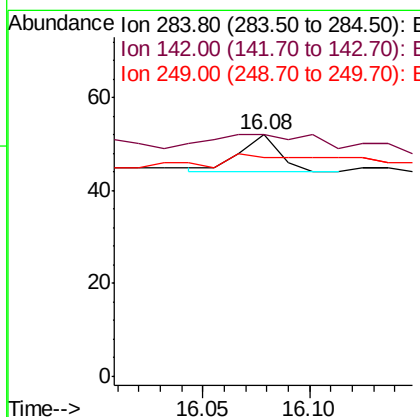
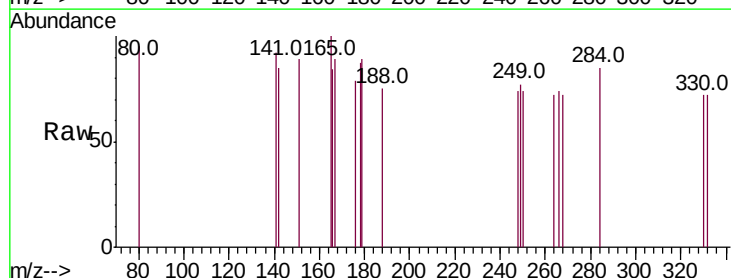
Instrument :
BNA_E
ClientSampled :

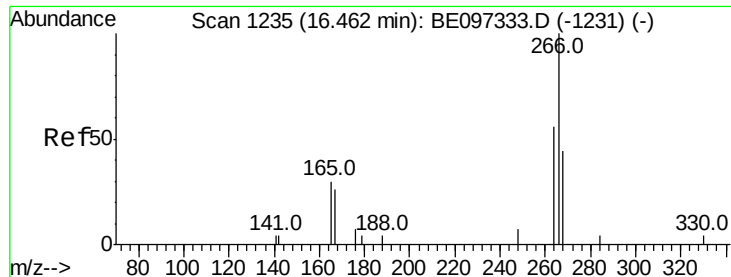
Tot Ion:248 Resp: 13
Ion Ratio Lower Upper
248 100
250 104.0 62.7 94.1#
141 112.0 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 100.0 22.1 33.1#
249 60.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

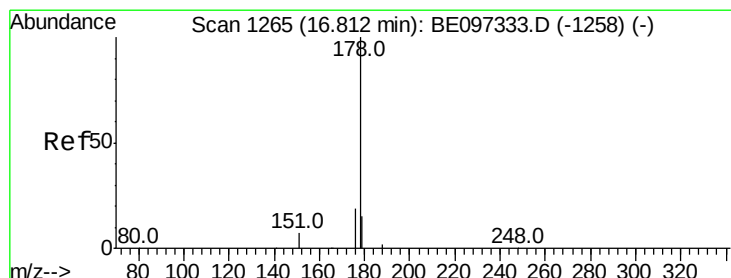
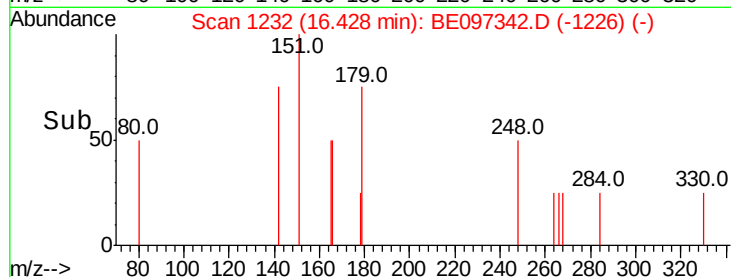
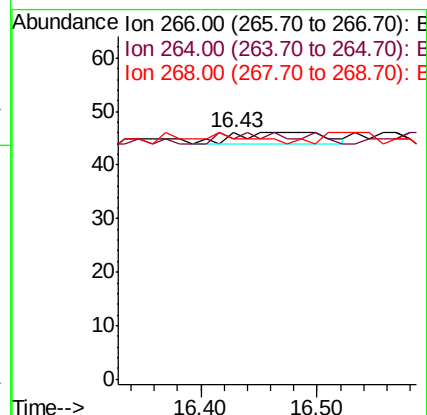
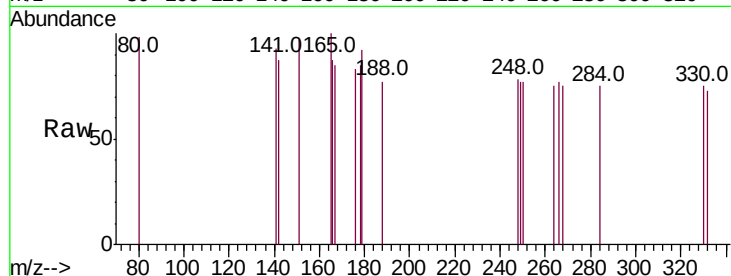
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

268 97.8 73.8 110.6



#23

Phenanthrene

Concen: 0.017 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

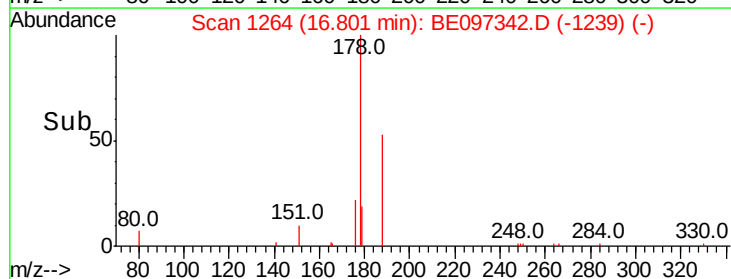
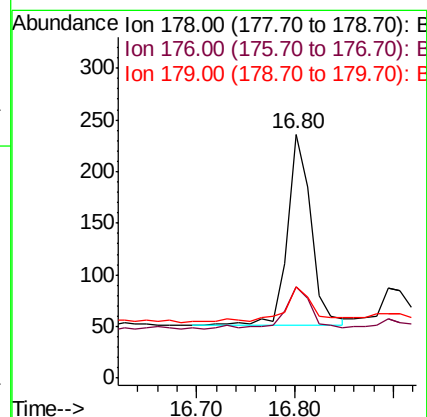
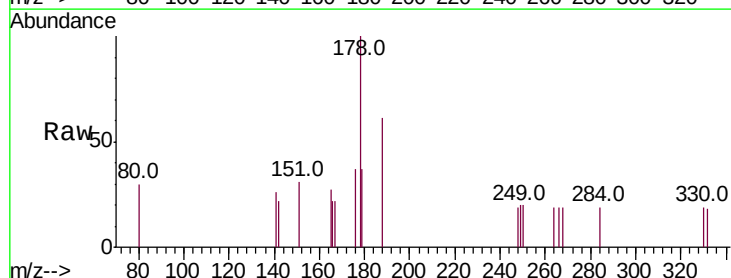
Tgt Ion:178 Resp: 308

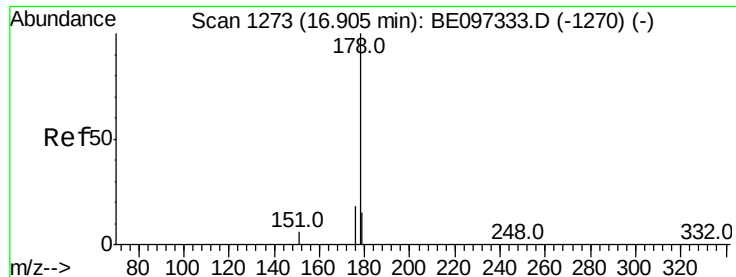
Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

179 19.8 11.8 17.6#





#24

Anthracene

Concen: 0.004 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

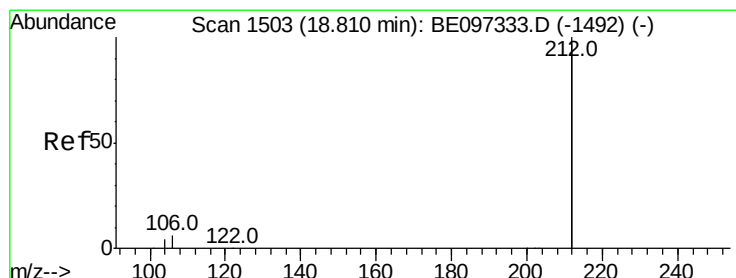
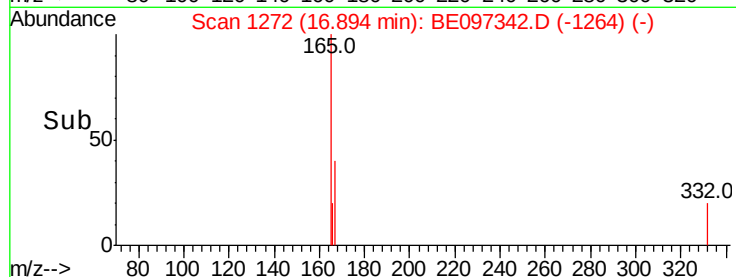
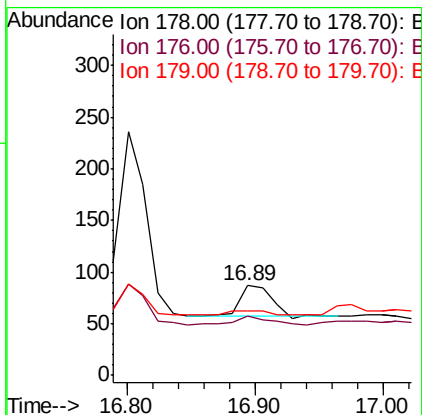
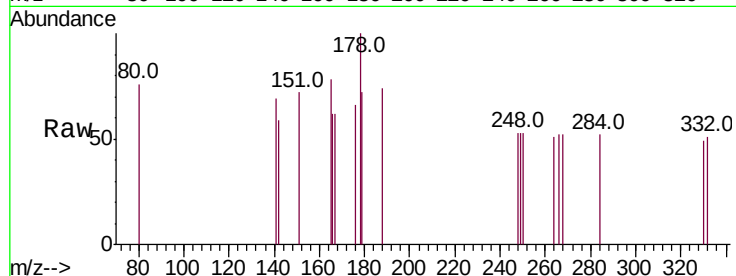
Tot Ion:178 Resp: 52

Ion Ratio Lower Upper

178 100

176 28.8 12.8 19.2#

179 13.5 13.0 19.6



#25

Fluoranthene-d10

Concen: 0.510 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

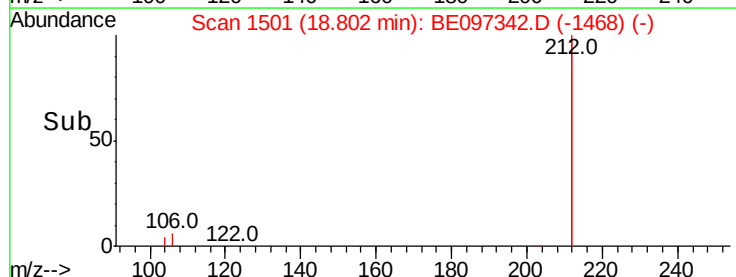
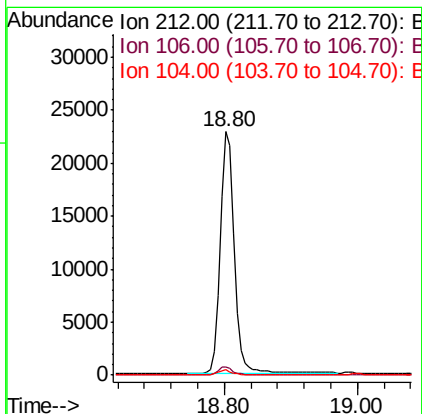
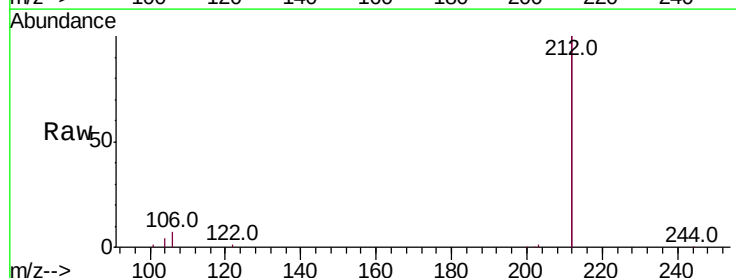
Tgt Ion:212 Resp: 32985

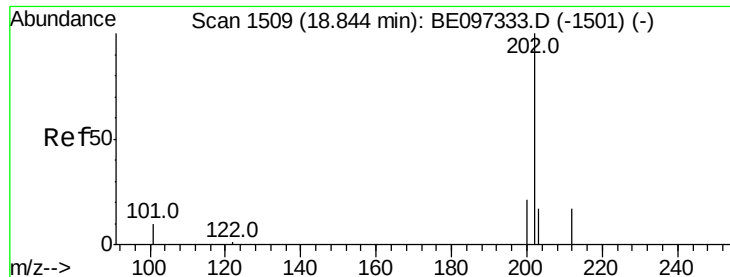
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.8 1.6 2.4

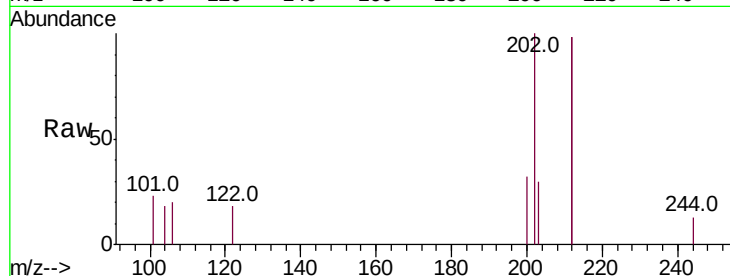




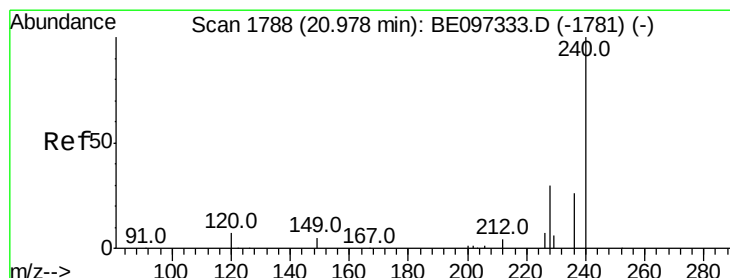
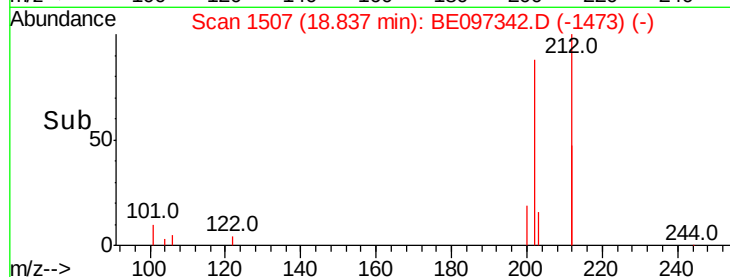
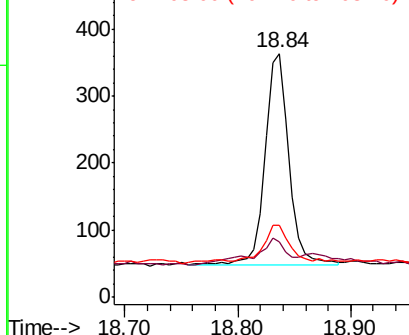
#26
 Fluoranthene
 Concen: 0.027 ng
 RT: 18.84 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BE097342.D
 Acq: 20 Aug 2018 21:19

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:202 Resp: 468
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.8 14.8
 203 17.7 13.7 20.5

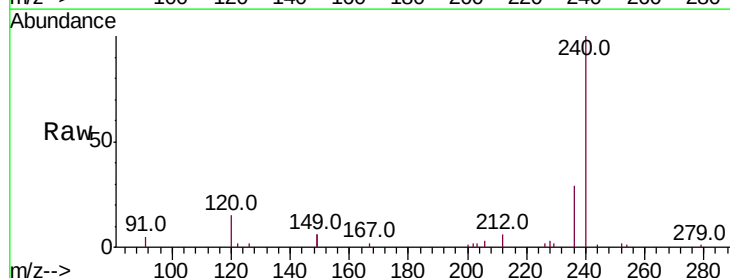


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

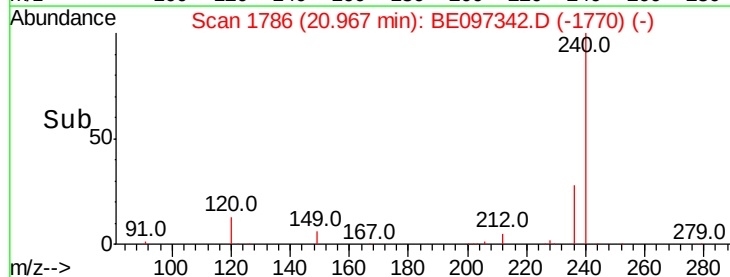
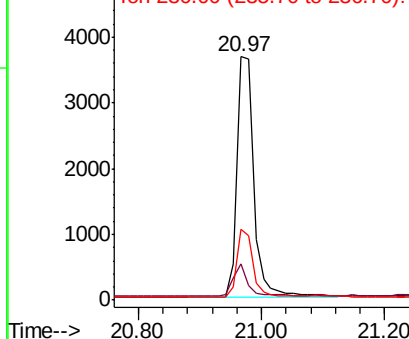


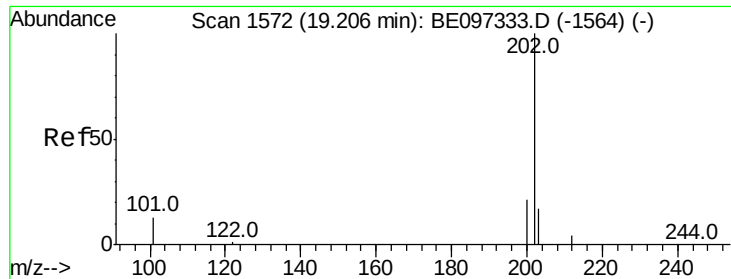
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BE097342.D
 Acq: 20 Aug 2018 21:19

Tgt Ion:240 Resp: 6863
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.5 8.3#
 236 28.9 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

Pvrene

Concen: 0.021 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

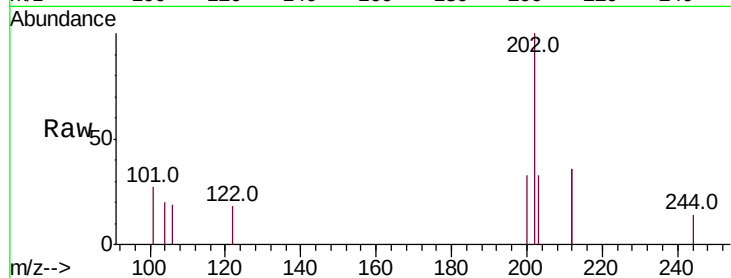
Tot Ion:202 Resp: 392

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

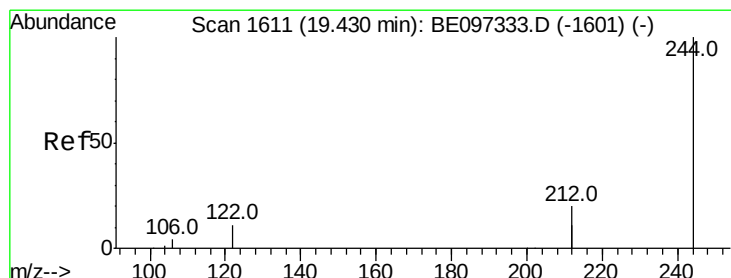
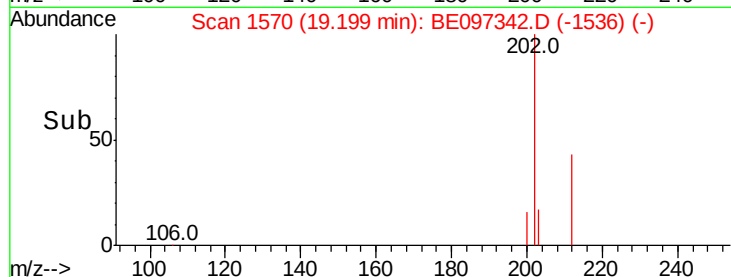
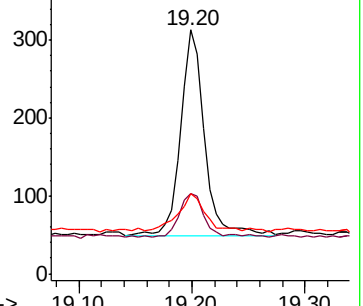
203 20.2 13.8 20.8



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: 0.551 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

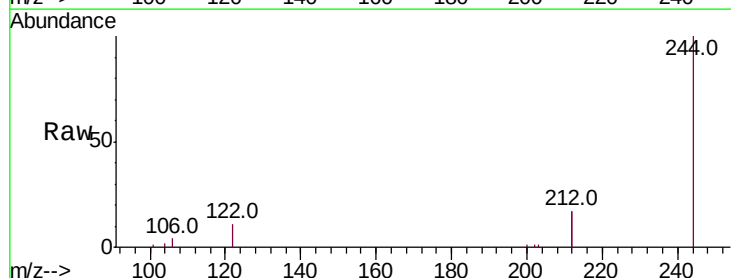
Tgt Ion:244 Resp: 7575

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

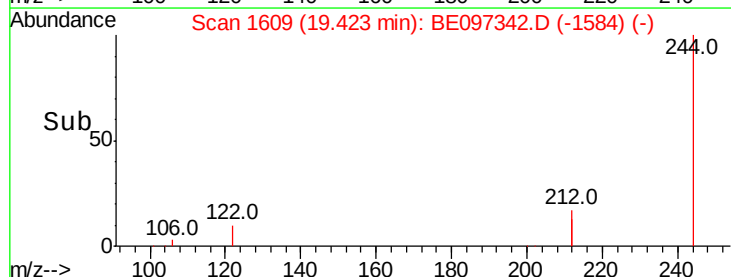
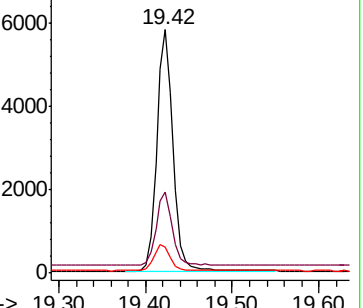
122 10.9 8.1 12.1

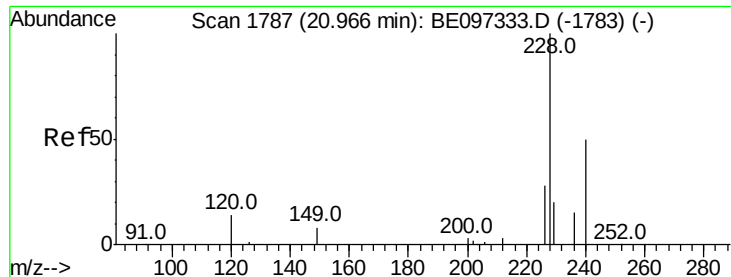


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.010 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

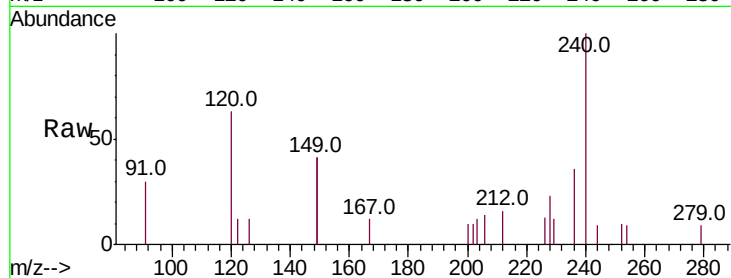
Tot Ion:228 Resp: 147

Ion Ratio Lower Upper

228 100

226 54.7 24.0 36.0#

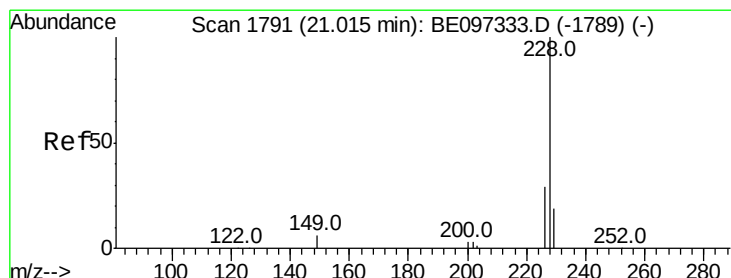
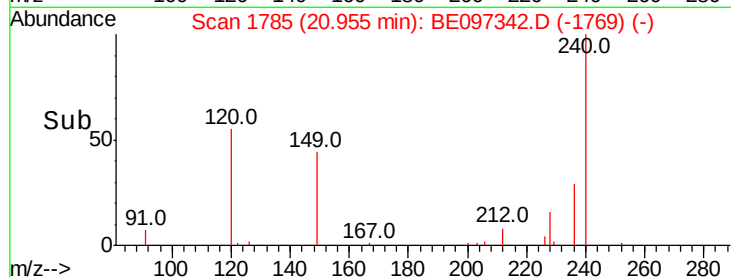
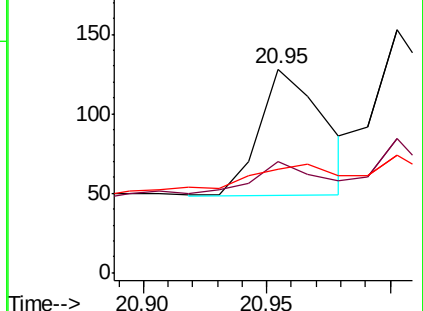
229 50.8 16.0 24.0#



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: 0.010 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

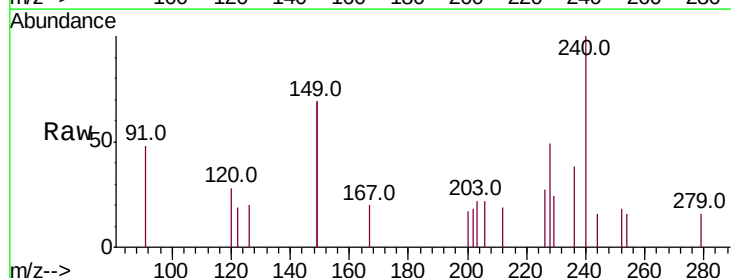
Tgt Ion:228 Resp: 188

Ion Ratio Lower Upper

228 100

226 54.9 24.0 36.0#

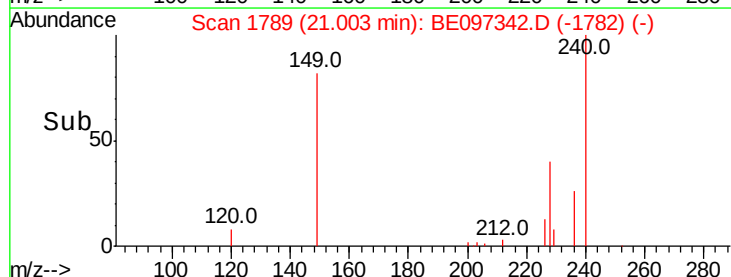
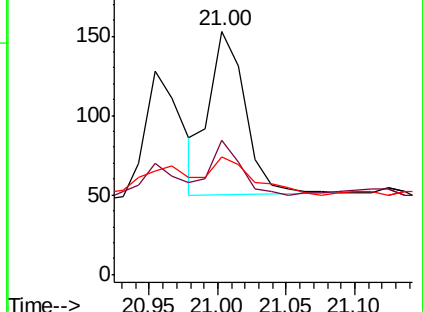
229 48.4 16.0 24.0#

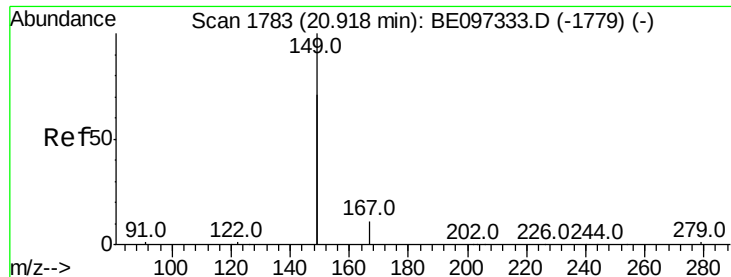


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

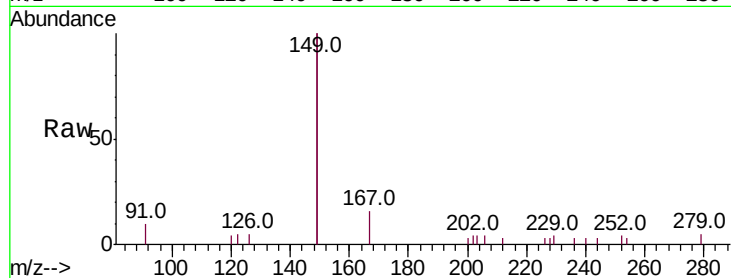
Tot Ion:149 Resp: 3420

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

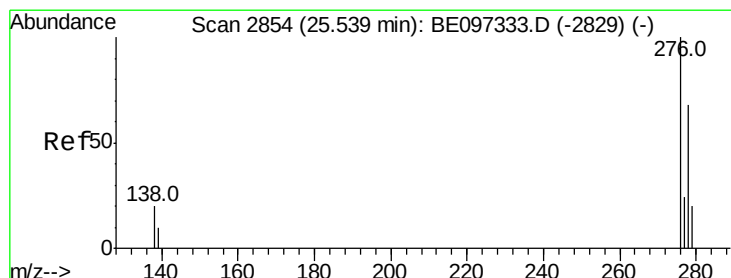
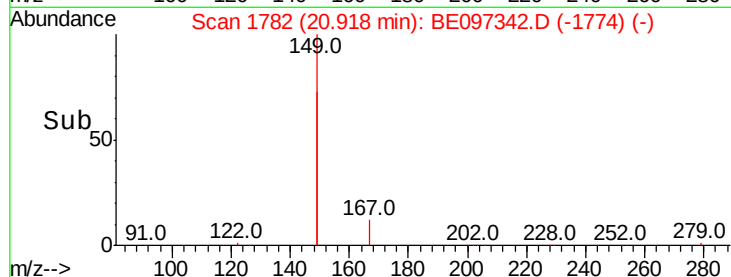
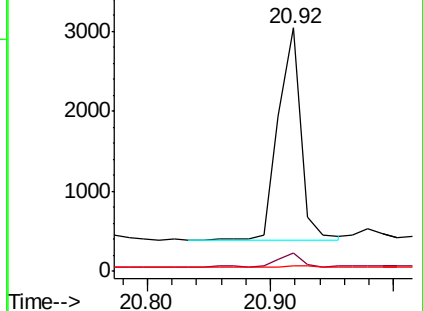
279 0.9 0.7 1.1



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: 0.003 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

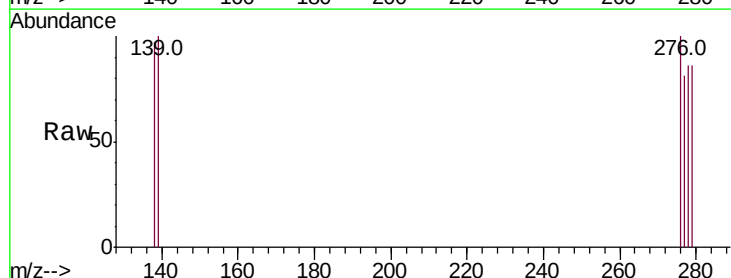
Tgt Ion:276 Resp: 32

Ion Ratio Lower Upper

276 100

138 40.6 22.5 33.7#

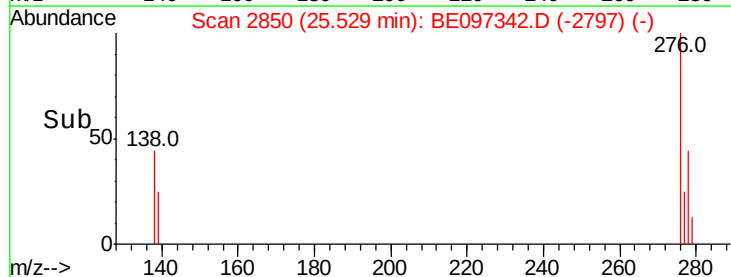
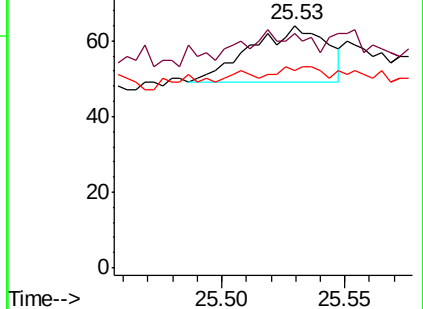
277 9.4 19.9 29.9#

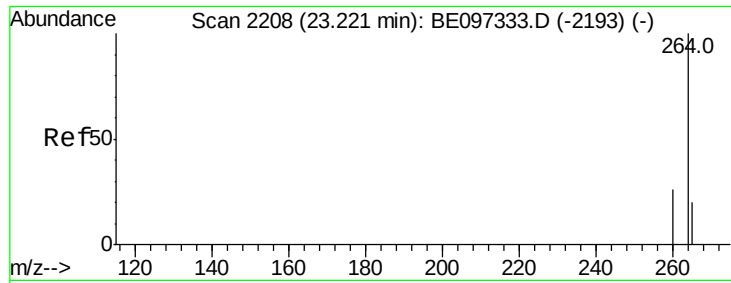


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

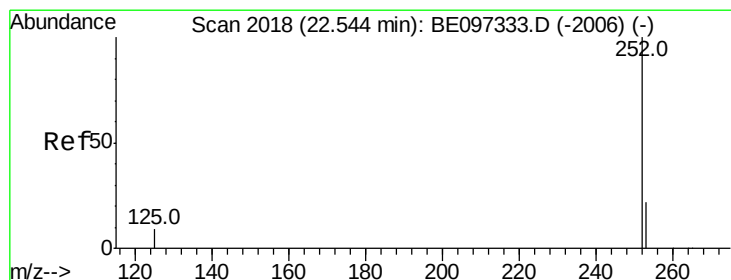
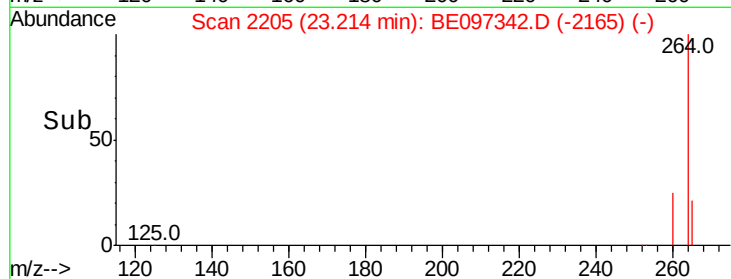
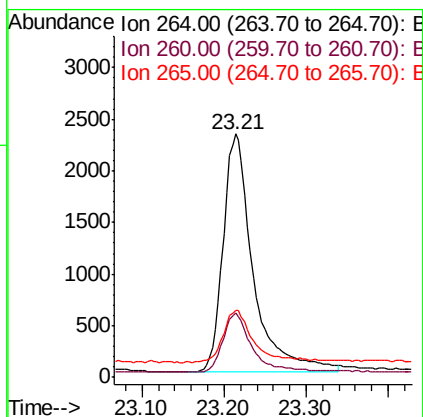
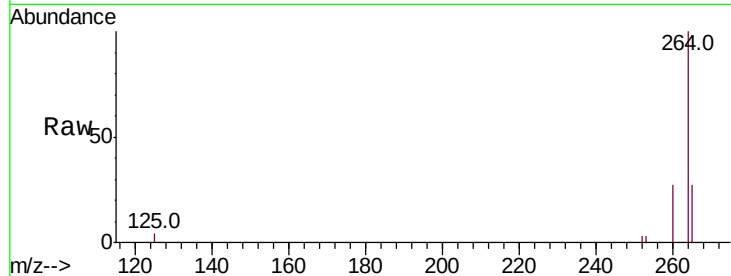




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

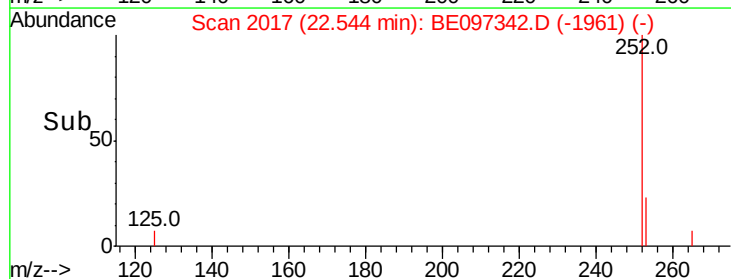
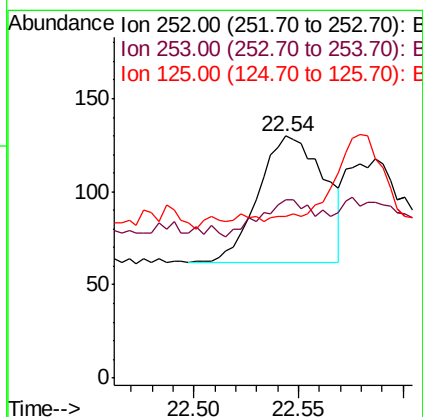
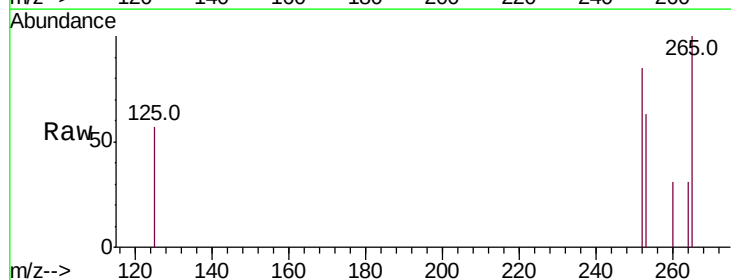
Instrument :
BNA_E
ClientSampleId :

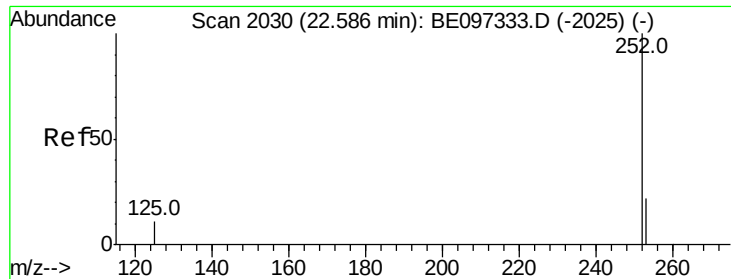
Tot Ion:264 Resp: 5884
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 27.3 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE097342.D
Acq: 20 Aug 2018 21:19

Tgt Ion:252 Resp: 149
Ion Ratio Lower Upper
252 100
253 73.8 20.0 30.0#
125 66.9 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 22.59 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampleId :

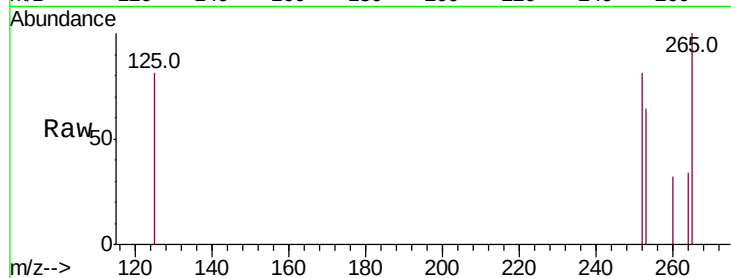
Tot Ion:252 Resp: 111

Ion Ratio Lower Upper

252 100

253 79.7 16.0 24.0#

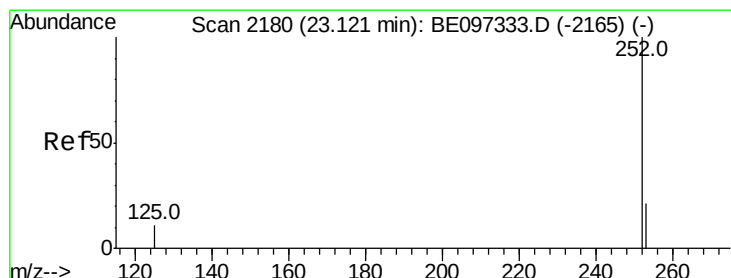
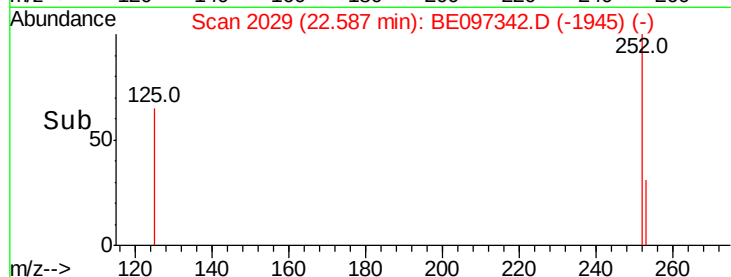
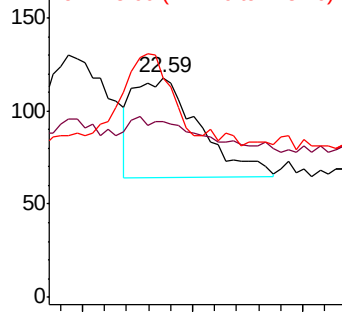
125 100.0 8.0 12.0#



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: 0.004 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

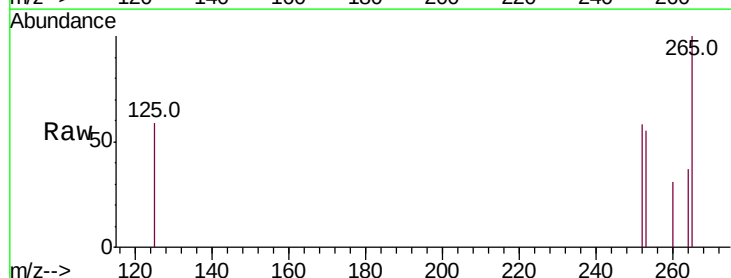
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 93.3 16.0 24.0#

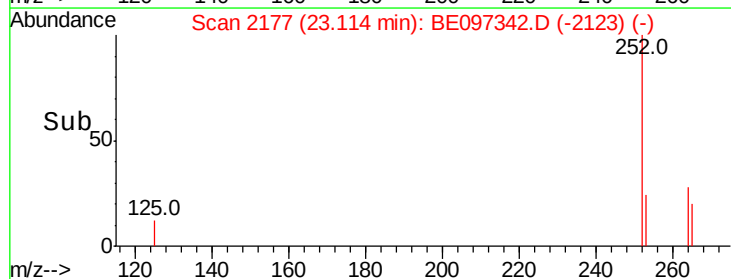
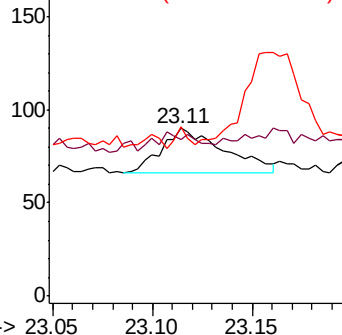
125 101.1 12.0 18.0#

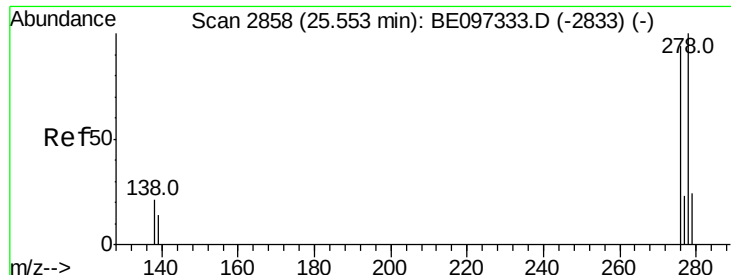


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.01 min

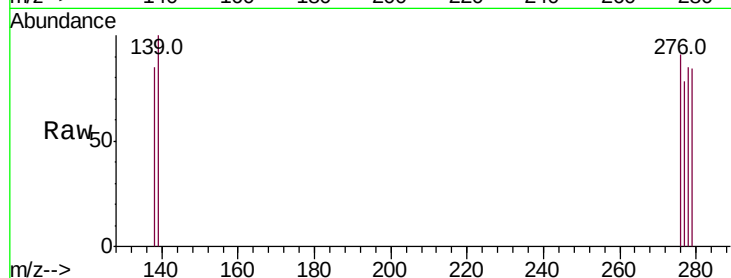
Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Instrument :

BNA_E

ClientSampled :



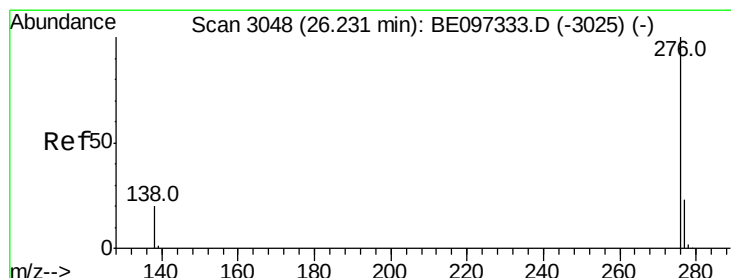
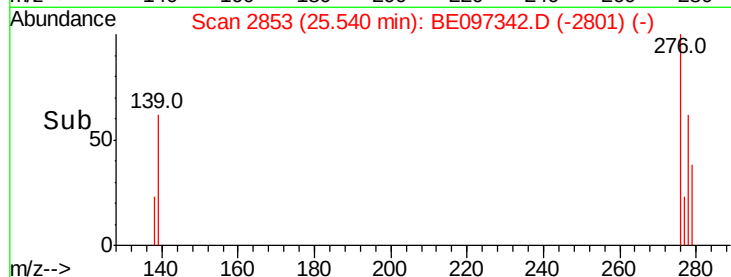
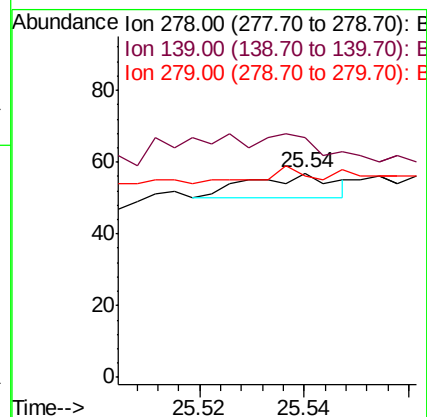
Tot Ion:278 Resp: 7

Ion Ratio Lower Upper

278 100

139 117.5 16.0 24.0#

279 98.2 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 26.23 min Scan# 3046

Delta R.T. -0.00 min

Lab File: BE097342.D

Acq: 20 Aug 2018 21:19

Tgt Ion:276 Resp: 42

Ion Ratio Lower Upper

276 100

277 85.2 16.0 24.0#

138 101.6 20.0 30.0#

