

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097552.D
 Acq On : 19 Sep 2018 22:29
 Operator : SJ/JU
 Sample : J4958-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:10:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3089	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1605	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4612	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7832	0.40	ng	0.00
34) Perylene-d12	23.21	264	8553	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	348	0.16	ng	0.01
5) Phenol-d6	6.64	99	99	0.04	ng	0.05
8) Nitrobenzene-d5	8.54	82	900	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	1709	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	218	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2971	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	27522	0.47	ng	0.00
29) Terphenyl-d14	19.41	244	6486	0.45	ng	0.00

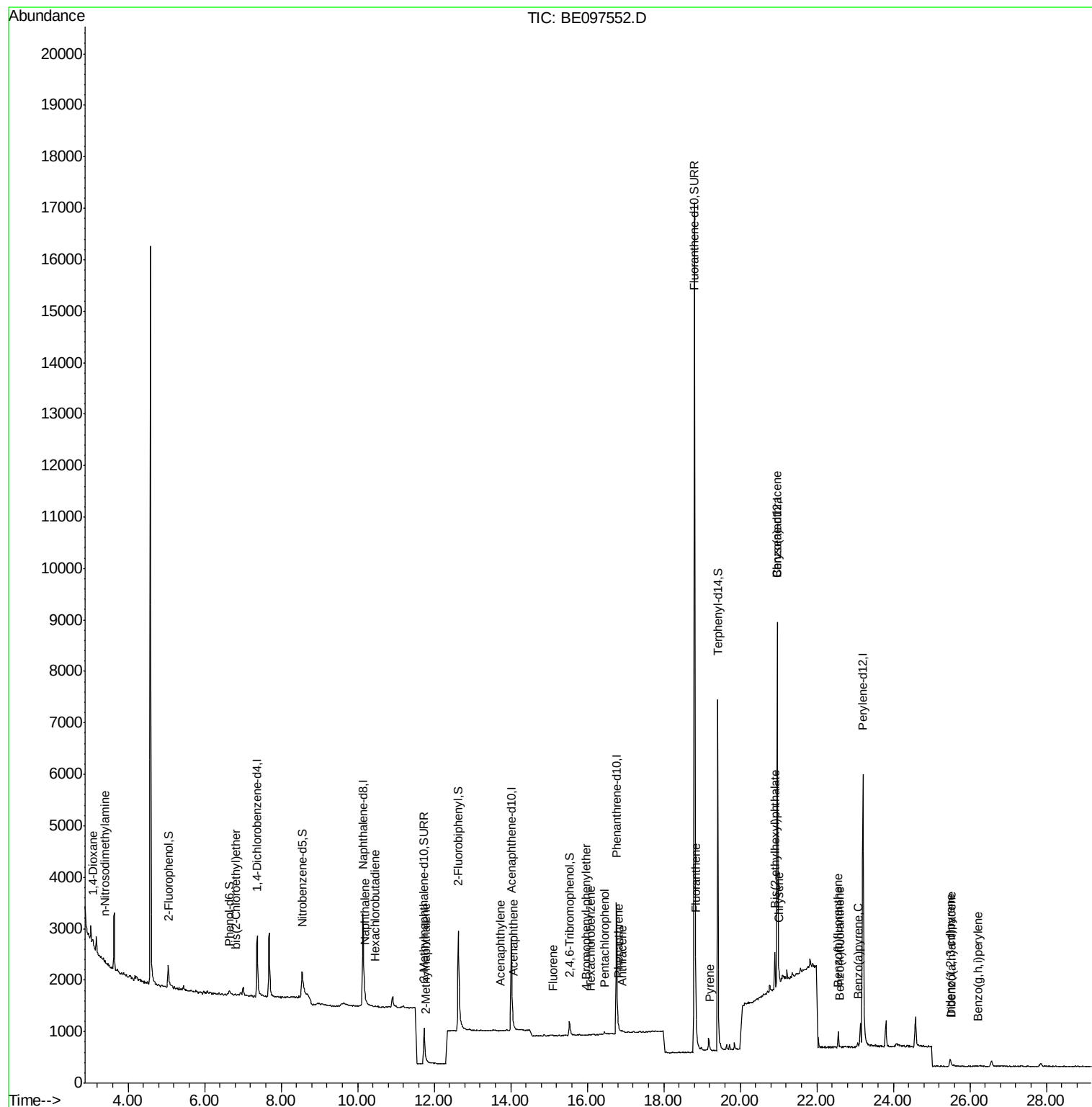
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	94	0.040	ng	# 20
3) n-Nitrosodimethylamine	3.39	42	9	0.025	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	10	0.004	ng	# 1
9) Naphthalene	10.18	128	193	0.007	ng	# 51
10) Hexachlorobutadiene	10.46	225	5	0.004	ng	# 68
12) 2-Methylnaphthalene	11.80	142	11	0.003	ng	# 59
16) Acenaphthylene	13.74	152	7	0.001	ng	# 1
17) Acenaphthene	14.06	154	5	0.001	ng	# 5
18) Fluorene	15.10	166	20	0.004	ng	# 71
20) 4-Bromophenyl-phenylether	15.96	248	3	0.001	ng	# 55
21) Hexachlorobenzene	16.09	284	10	0.004	ng	# 46
22) Pentachlorophenol	16.45	266	60	0.188	ng	# 98
23) Phenanthrene	16.81	178	54	0.005	ng	# 84
24) Anthracene	16.92	178	29	0.003	ng	# 80
26) Fluoranthene	18.84	202	34	0.002	ng	# 1
28) Pyrene	19.20	202	48	0.003	ng	# 86
30) Benzo(a)anthracene	20.97	228	47	0.002	ng	# 1
31) Chrysene	21.00	228	28	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1135	0.045	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.55	252	66	0.003	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	26	0.001	ng	# 1
37) Benzo(a)pyrene	23.09	252	4	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.20	276	1	0.000	ng	# 1

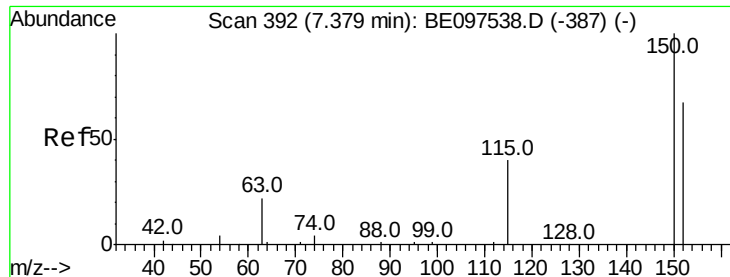
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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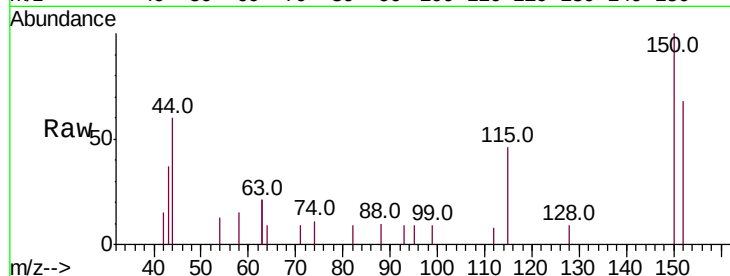


#1

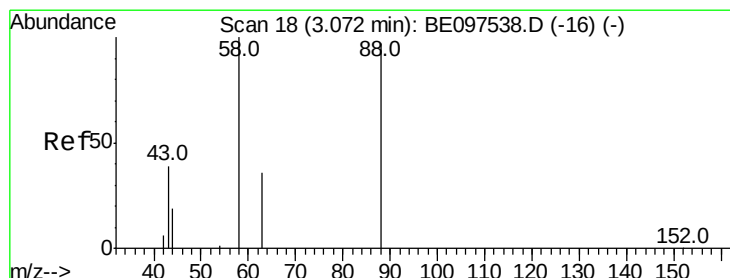
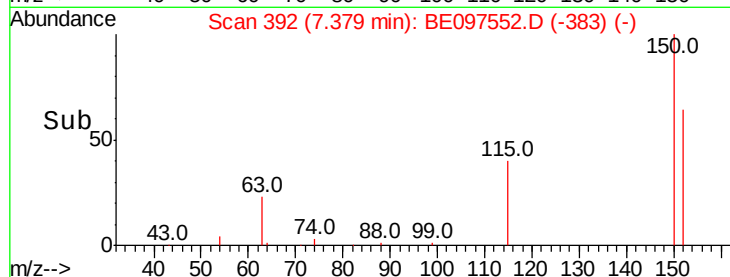
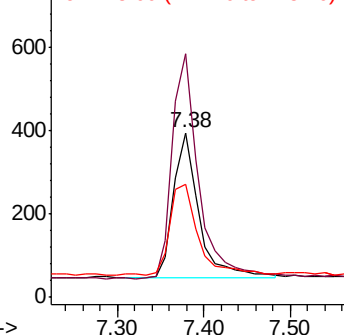
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 68.4 57.0 85.6



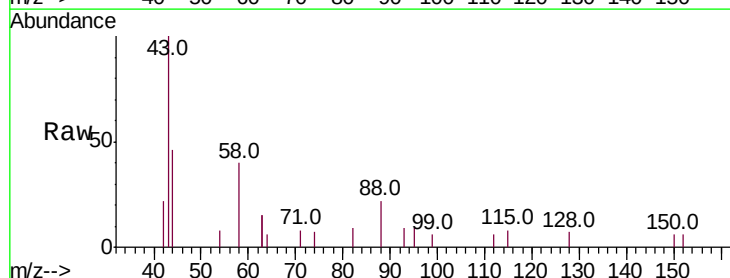
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



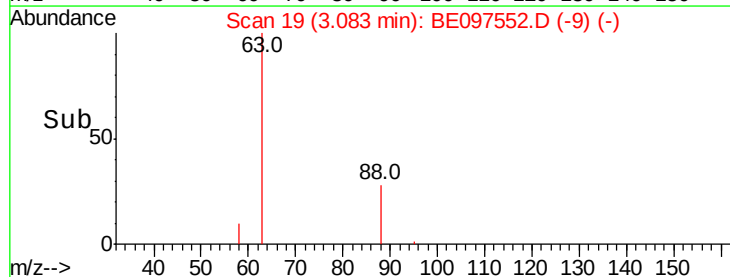
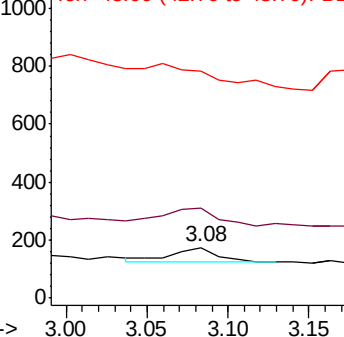
#2

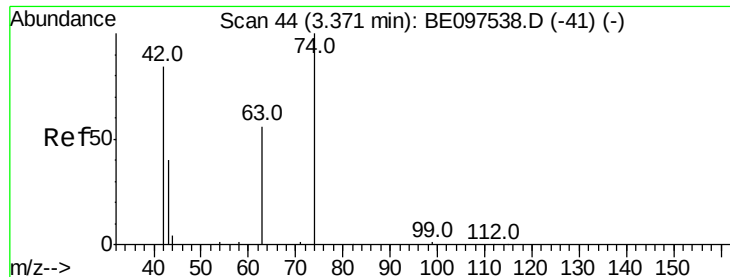
1,4-Dioxane
Concen: 0.040 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
58 153.2 63.2 94.8#
43 0.0 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: 0.025 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

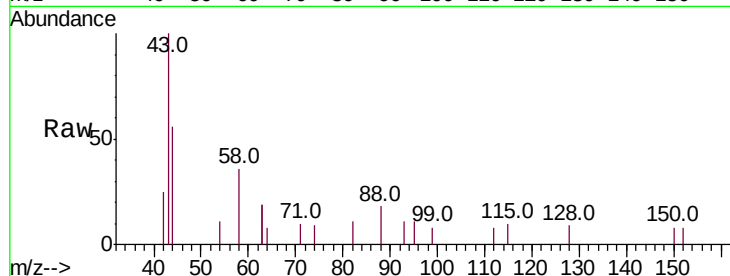
Tot Ion: 42 Resp: 9

Ion Ratio Lower Upper

42 100

74 33.3 96.0 144.0#

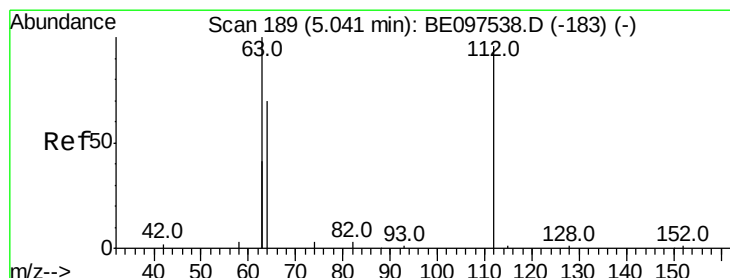
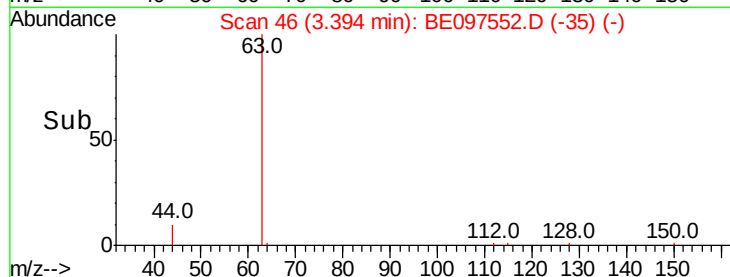
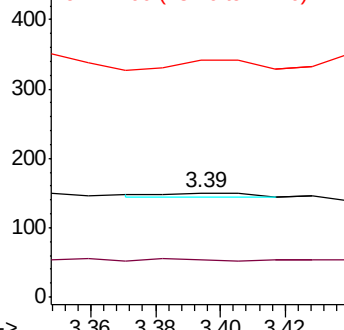
44 255.6 12.0 18.0#



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: 0.163 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

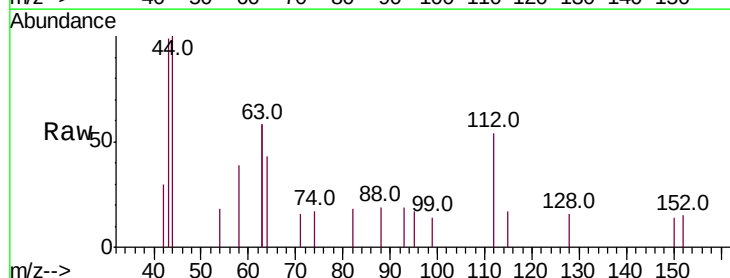
Tgt Ion: 112 Resp: 348

Ion Ratio Lower Upper

112 100

64 76.1 60.1 90.1

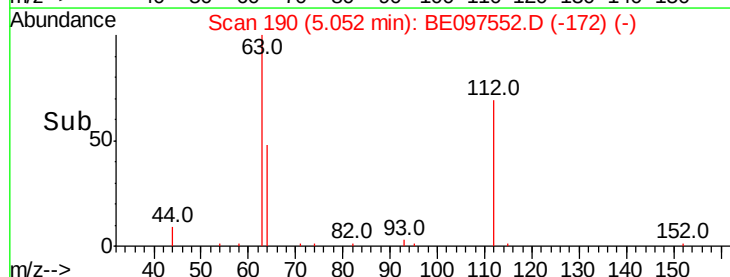
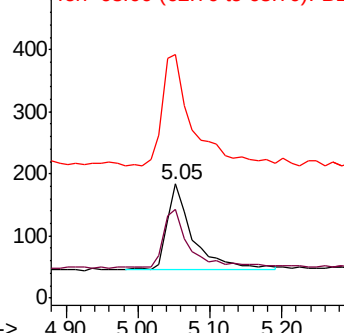
63 154.9 116.8 175.2

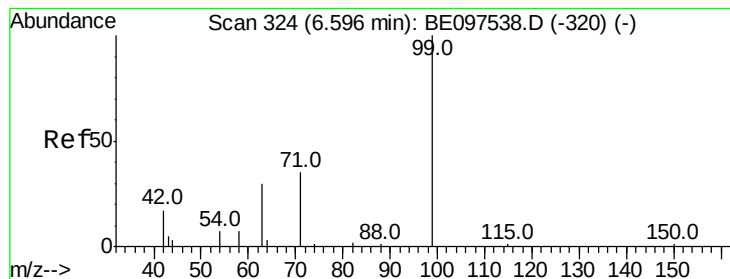


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.036 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.05 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampled :

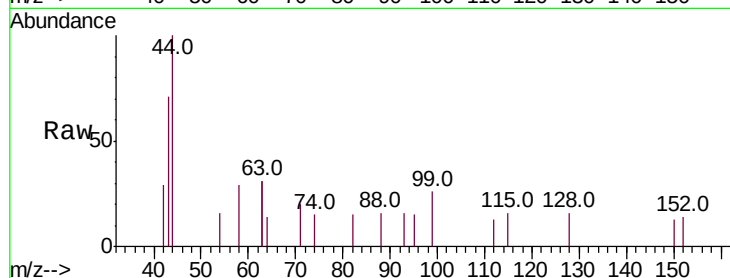
Tot Ion: 99 Resp: 99

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

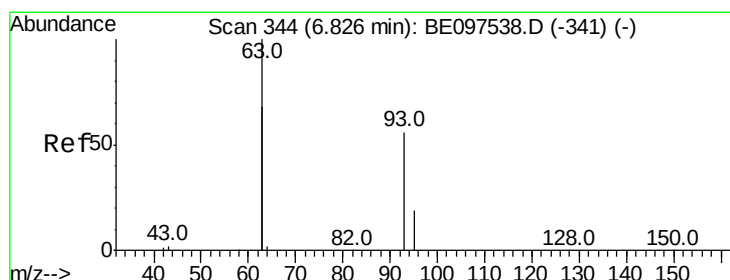
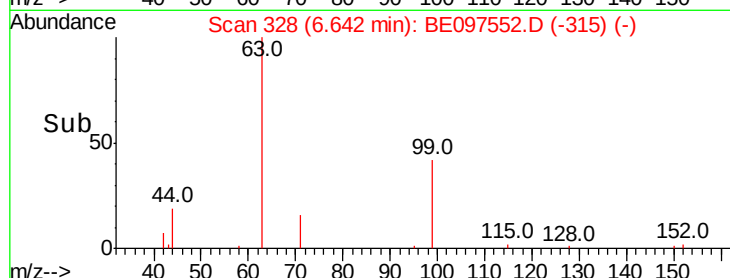
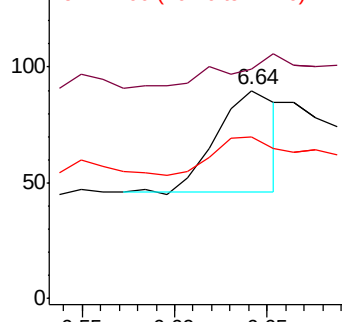
71 38.4 28.4 42.6



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: 0.004 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

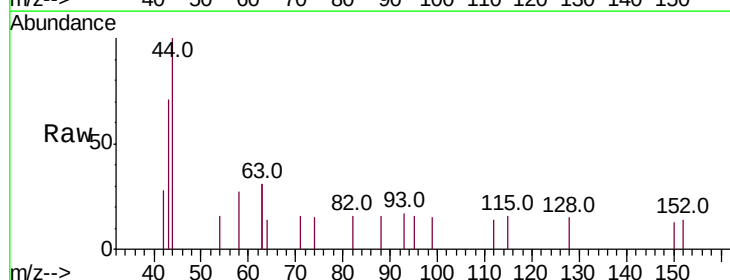
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

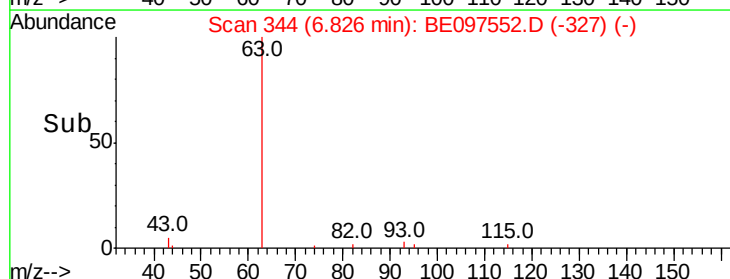
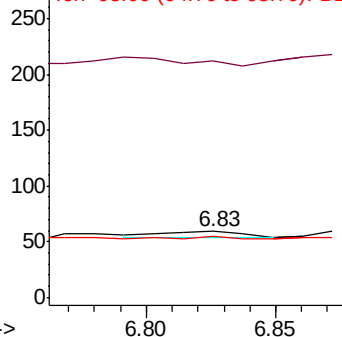
95 20.0 25.2 37.8#

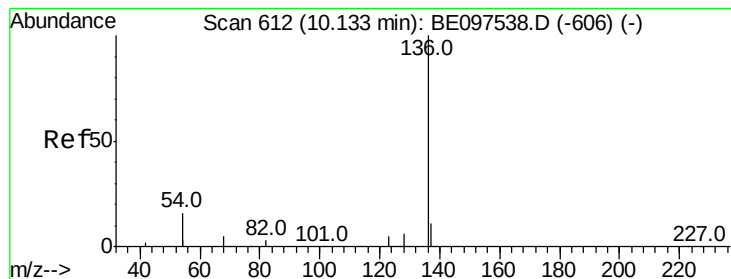


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3089

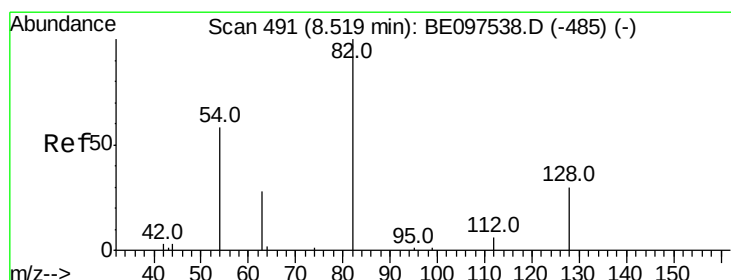
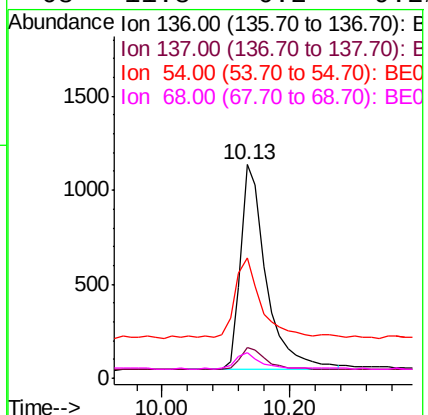
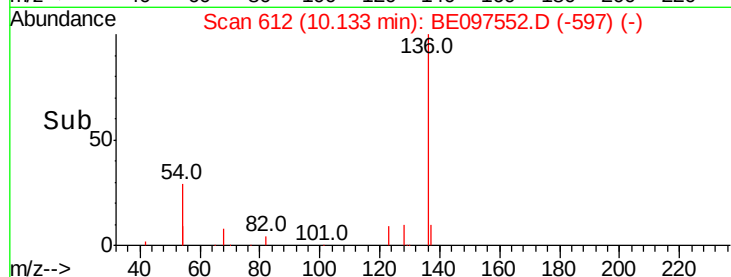
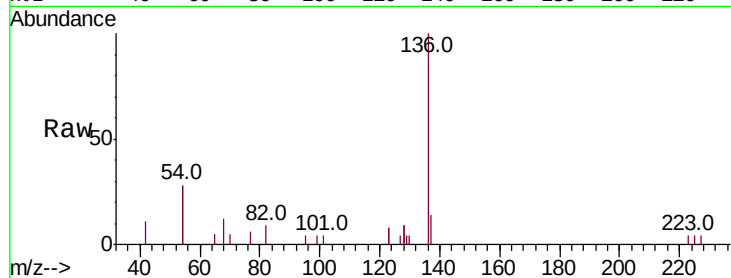
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 56.2 29.1 43.7#

68 11.8 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.377 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.02 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

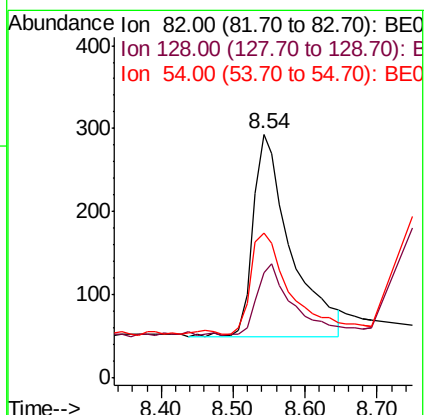
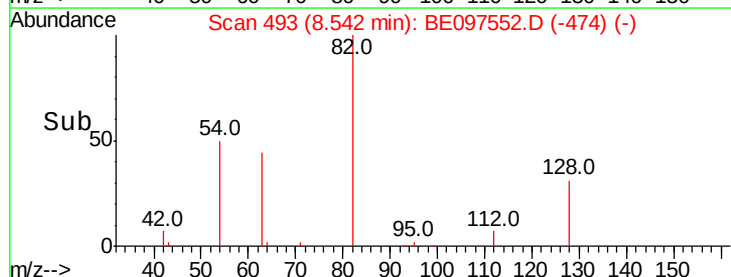
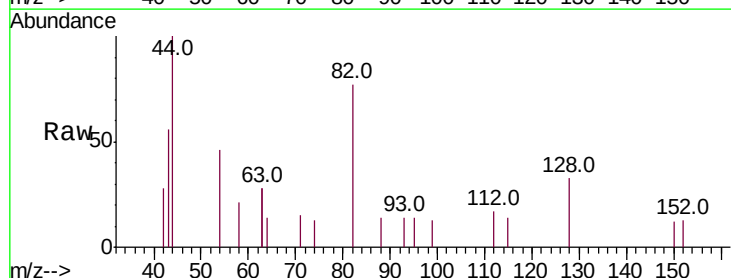
Tgt Ion: 82 Resp: 900

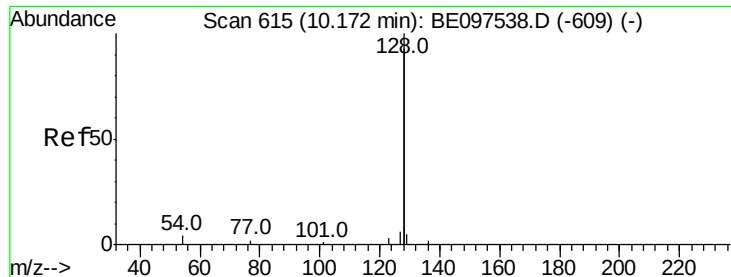
Ion Ratio Lower Upper

82 100

128 43.0 24.0 36.0#

54 59.4 40.0 60.0





#9

Naphthalene

Concen: 0.007 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

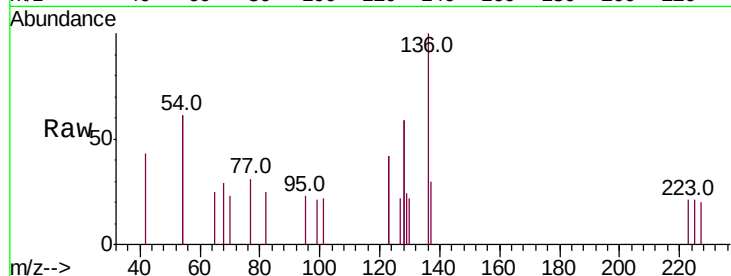
Tot Ion:128 Resp: 193

Ion Ratio Lower Upper

128 100

129 20.2 2.6 3.8#

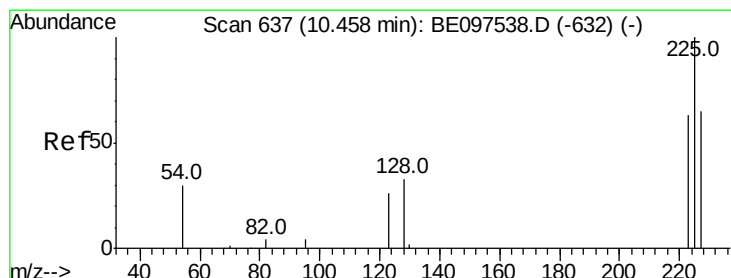
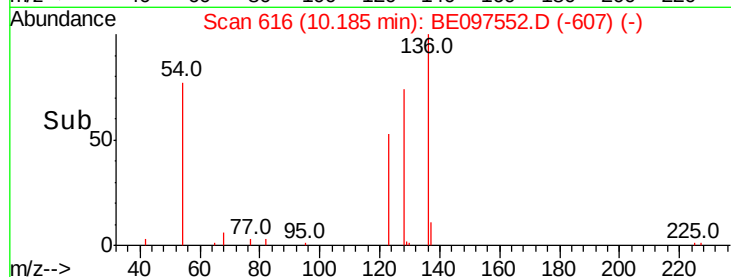
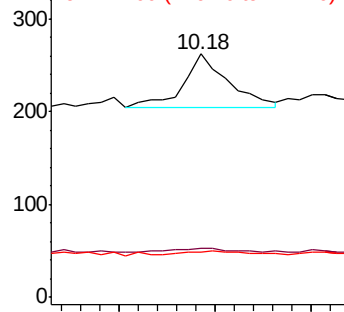
127 18.7 2.8 4.2#



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: 0.004 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

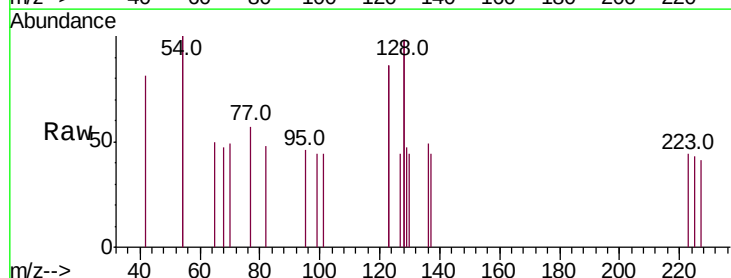
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 40.0 53.0 79.6#

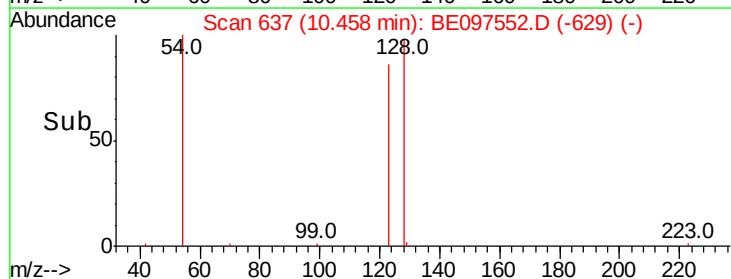
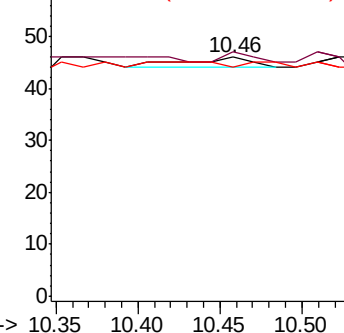
227 40.0 51.4 77.2#

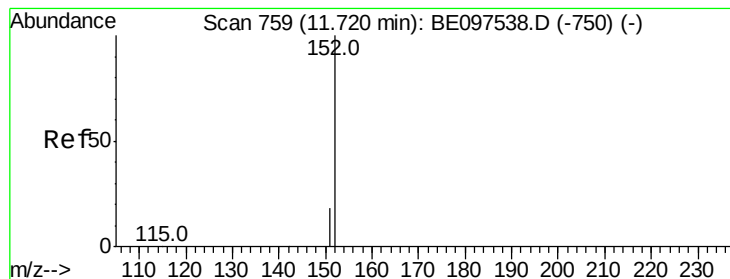


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

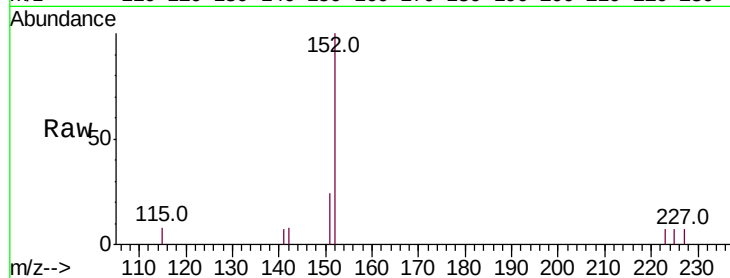
ClientSampleId :

Tot Ion:152 Resp: 1709

Ion Ratio Lower Upper

152 100

151 17.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

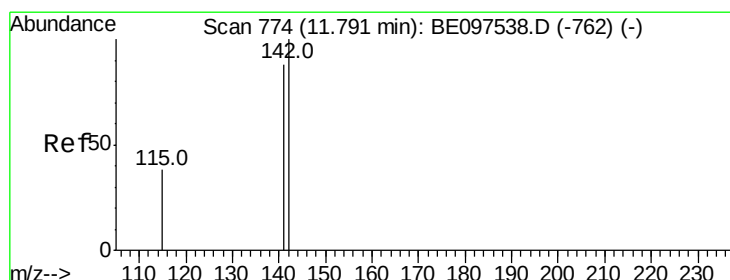
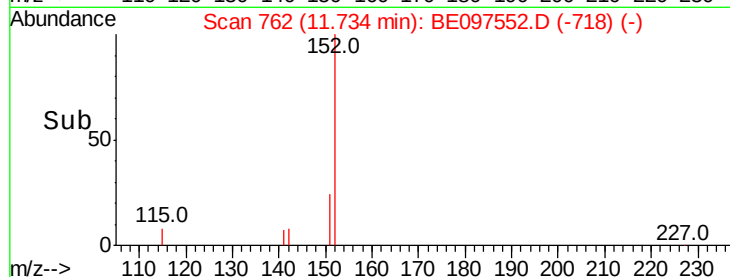
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.003 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

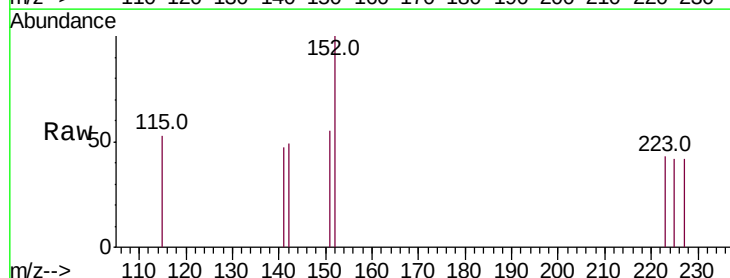
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 96.2 70.4 105.6

115 109.6 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

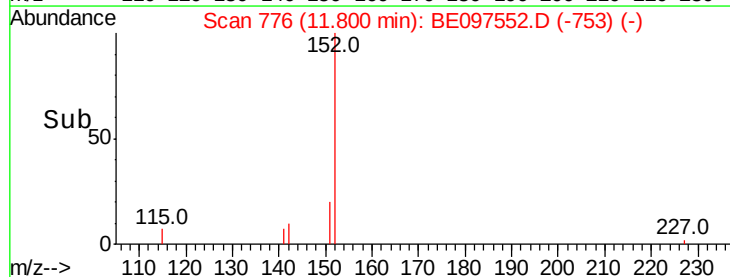
60

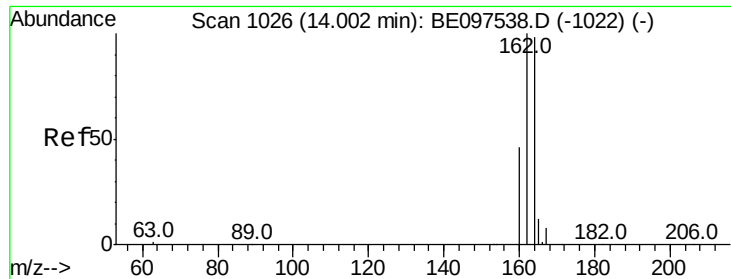
40

20

0

Time-->

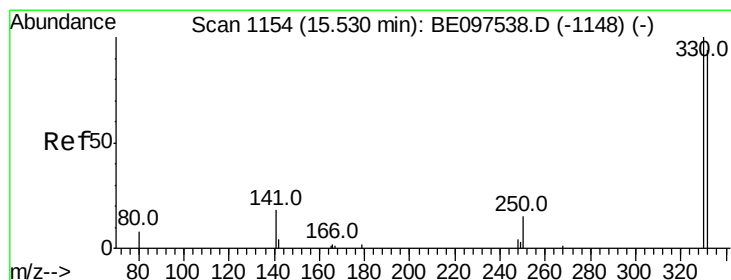
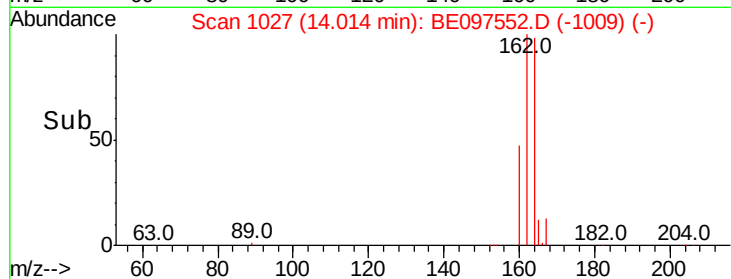
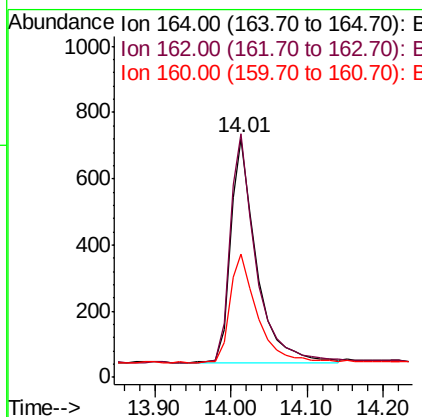
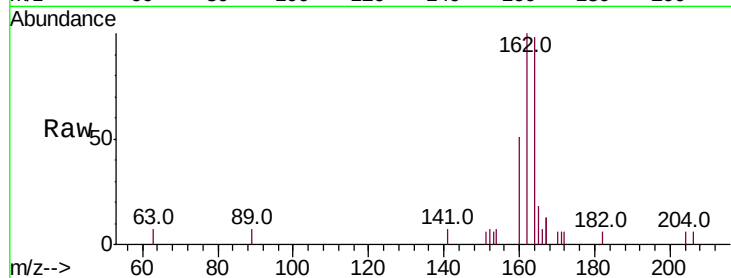




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE097552.D
 Acq: 19 Sep 2018 22:29

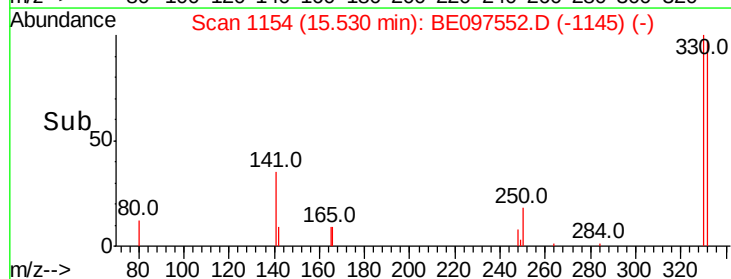
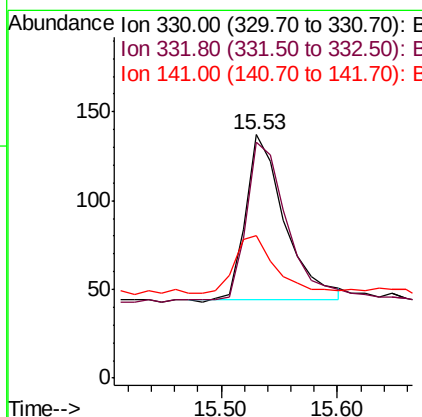
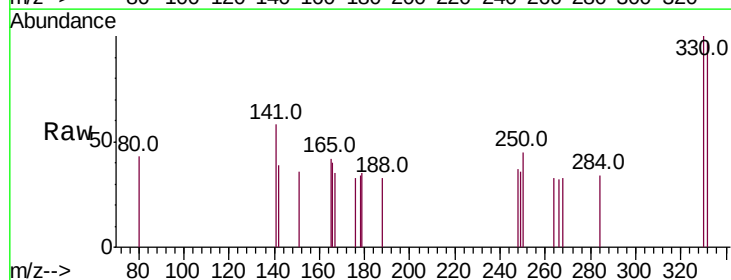
Instrument :
 BNA_E
 ClientSampled :

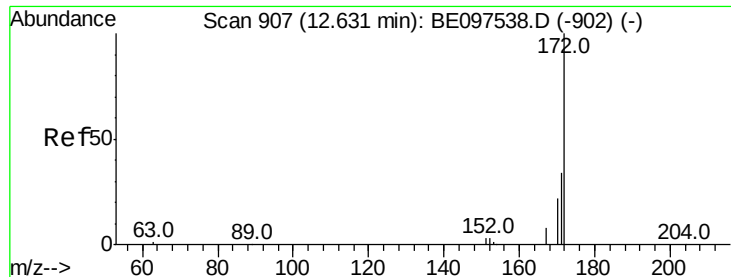
Tot Ion:164 Resp: 1605
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.1 124.7
 160 51.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.373 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097552.D
 Acq: 19 Sep 2018 22:29

Tgt Ion:330 Resp: 218
 Ion Ratio Lower Upper
 330 100
 332 99.1 152.7 229.1#
 141 35.8 33.7 50.5

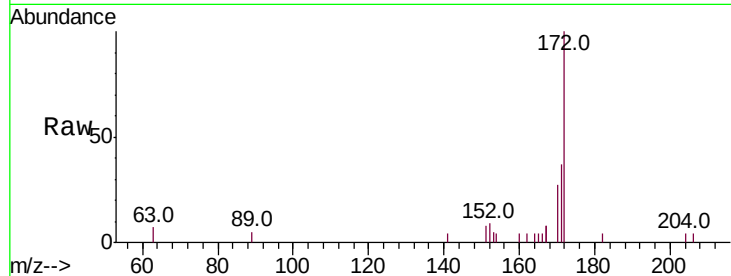




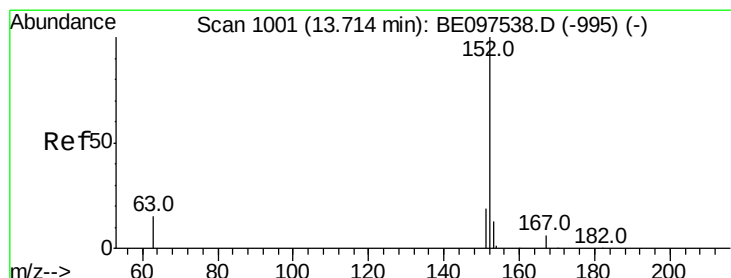
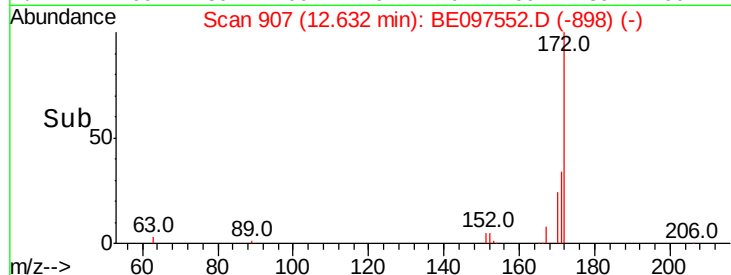
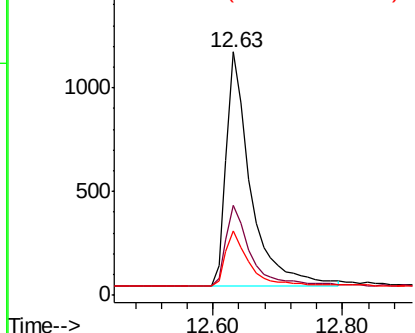
#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2971
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 26.6 21.8 32.8

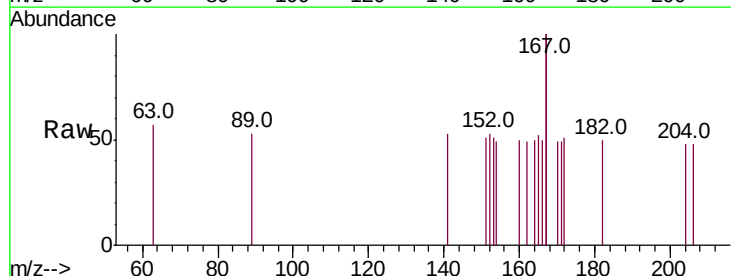


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

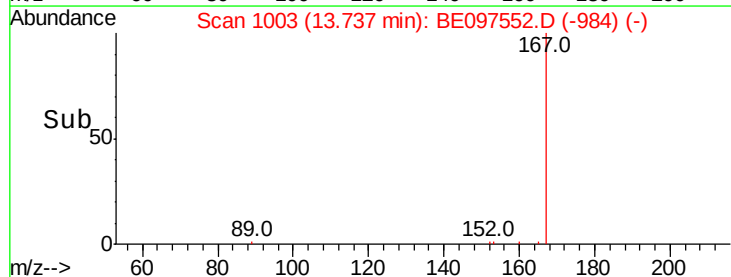
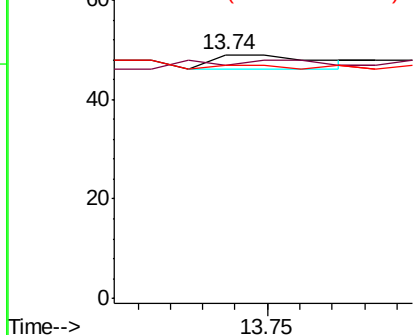


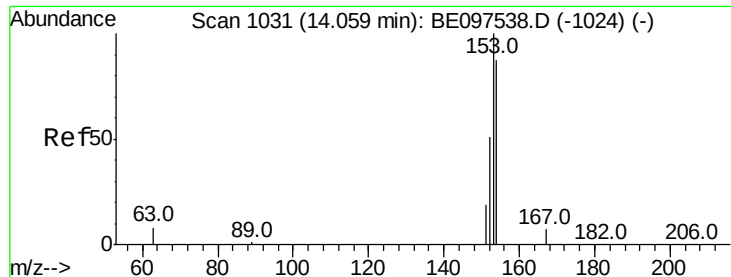
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 171.4 15.7 23.5#
153 0.0 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: 0.001 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

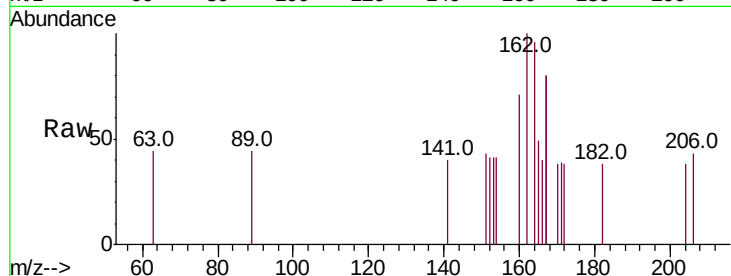
Tot Ion:154 Resp: 5

Ion Ratio Lower Upper

154 100

153 0.0 89.2 133.8#

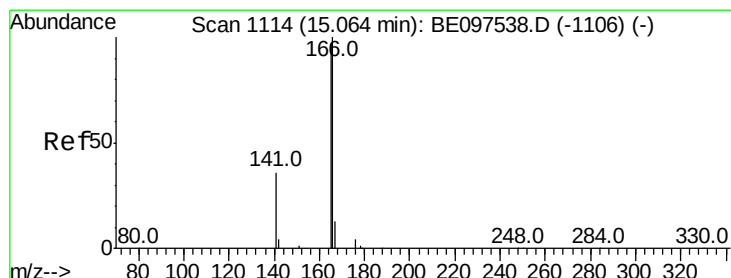
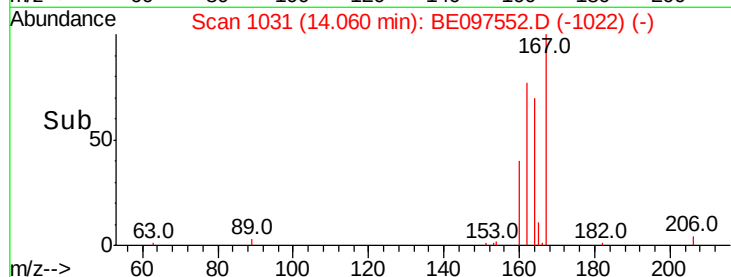
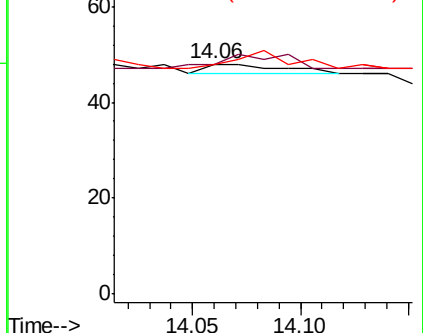
152 0.0 42.0 63.0#



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: 0.004 ng

RT: 15.10 min Scan# 1117

Delta R.T. 0.03 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

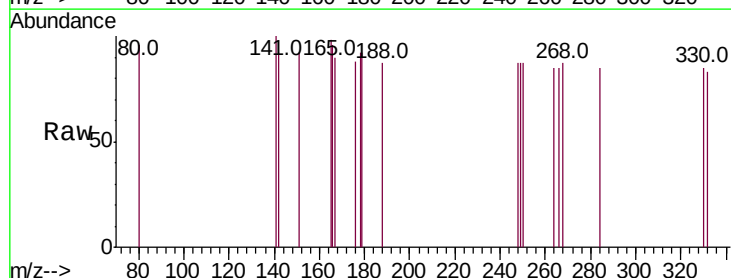
Tgt Ion:166 Resp: 20

Ion Ratio Lower Upper

166 100

165 55.0 77.8 116.6#

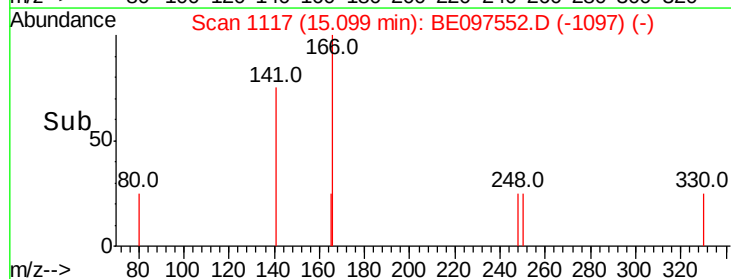
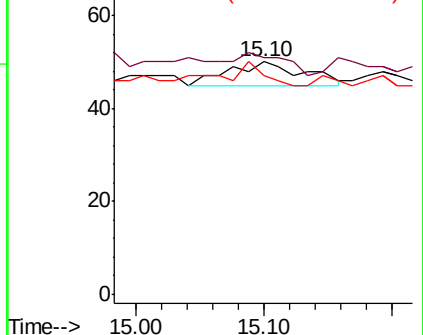
167 50.0 42.4 63.6

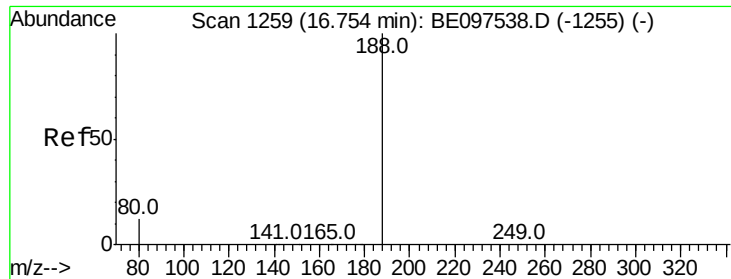


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1260

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampled :

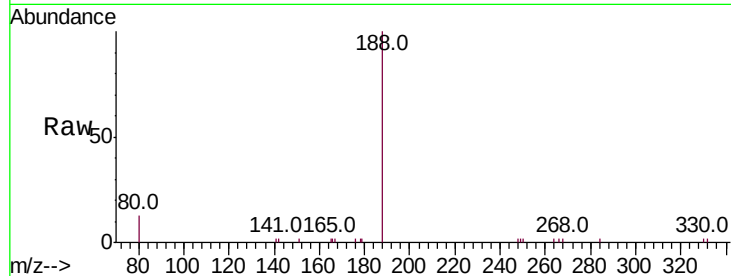
Tot Ion:188 Resp: 4612

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

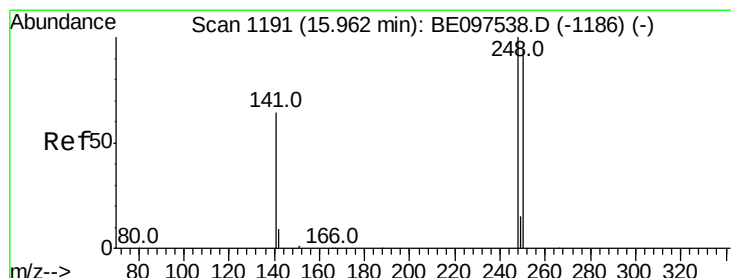
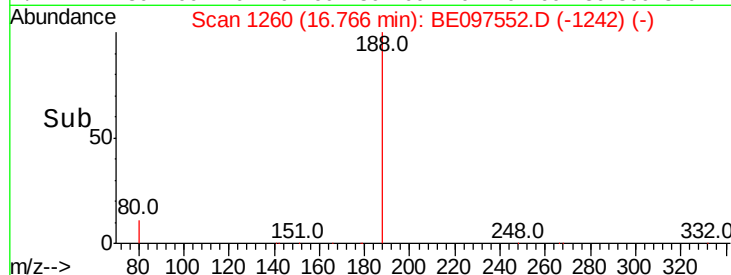
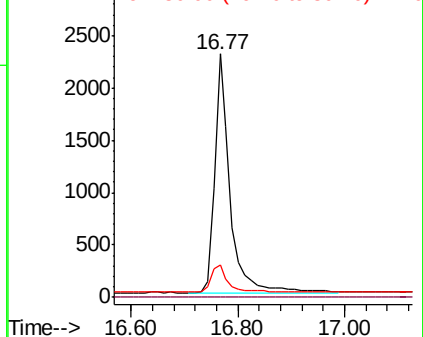
80 13.3 3.6 5.4#



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: 0.001 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

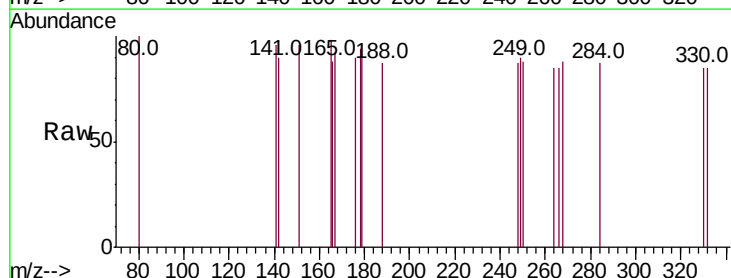
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 102.2 62.7 94.1#

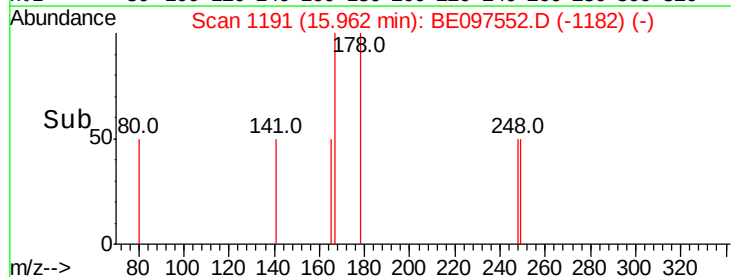
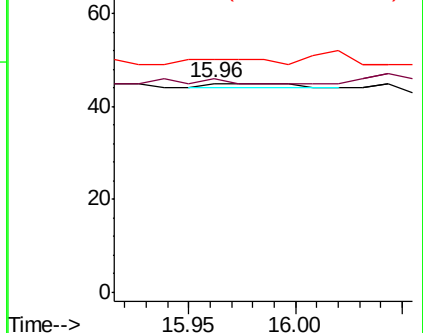
141 111.1 48.2 72.2#

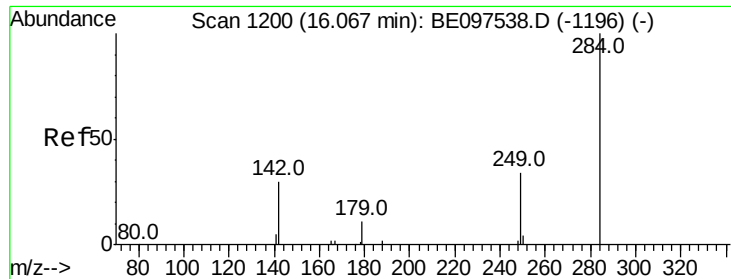


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

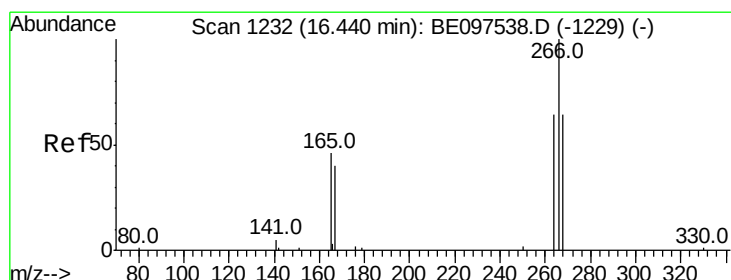
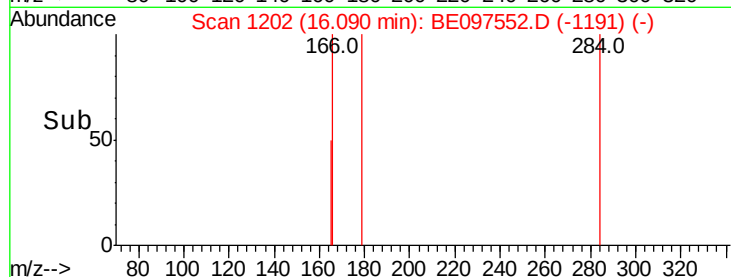
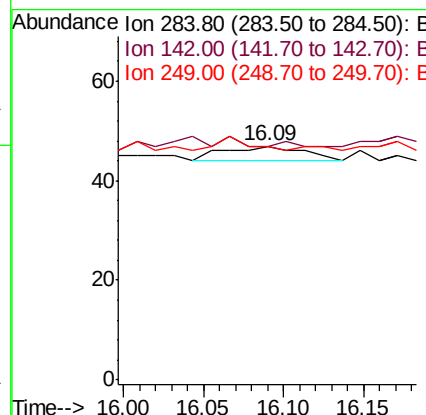
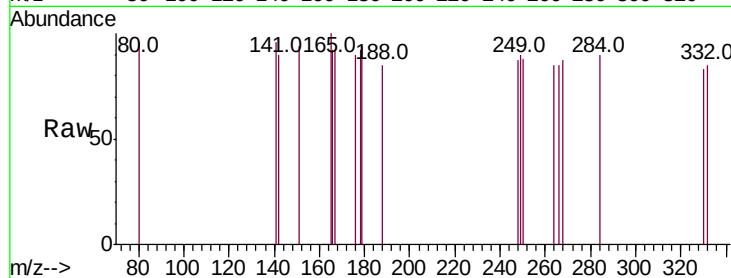




#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

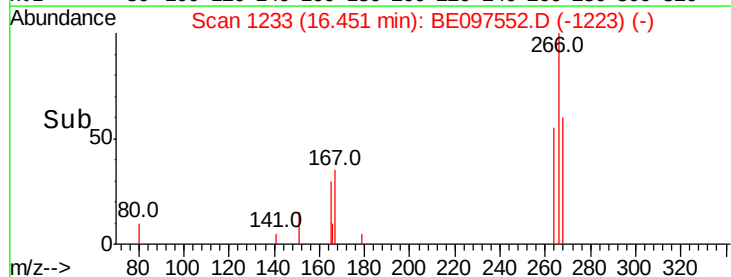
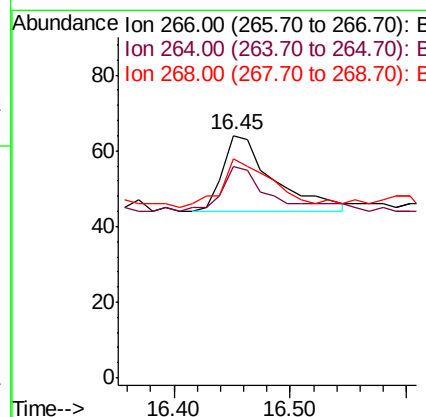
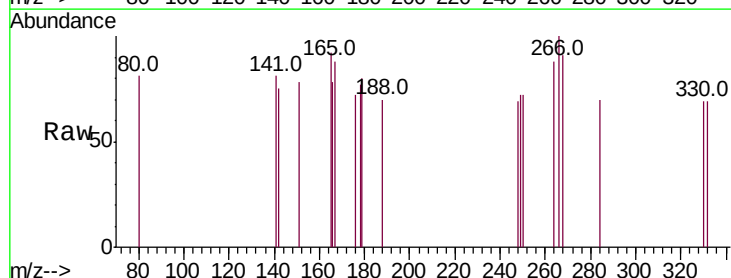
Instrument :
BNA_E
ClientSampleId :

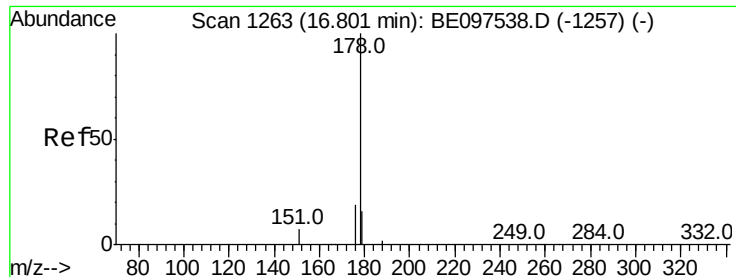
Tot Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 10.0 22.1 33.1#
249 0.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.188 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
264 87.5 72.5 108.7
268 90.6 73.8 110.6





#23

Phenanthrene

Concen: 0.005 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

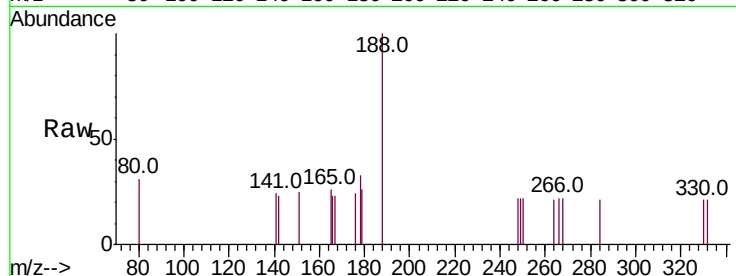
Tot Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

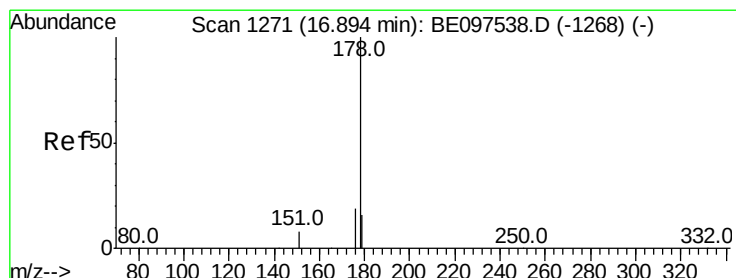
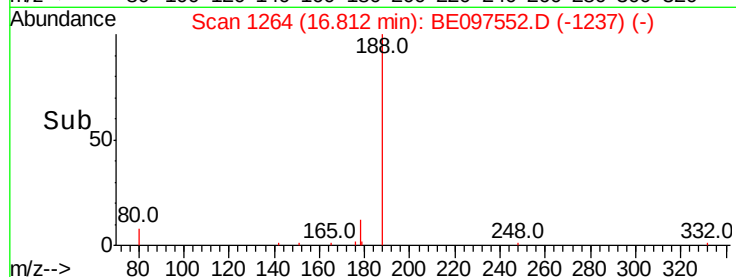
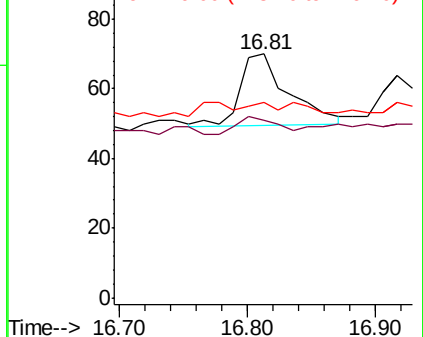
179 0.0 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.003 ng

RT: 16.92 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

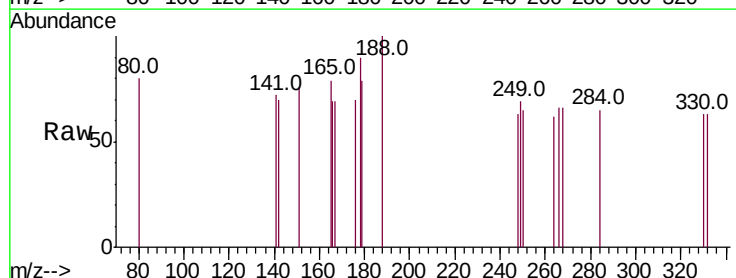
Tgt Ion:178 Resp: 29

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

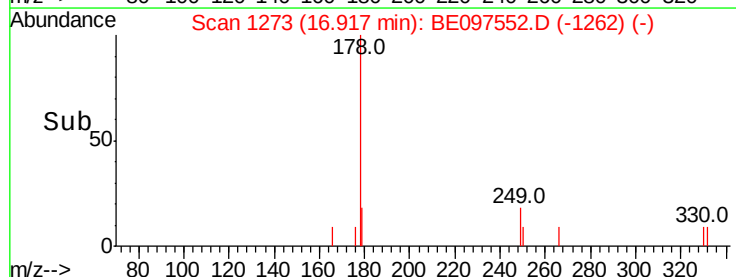
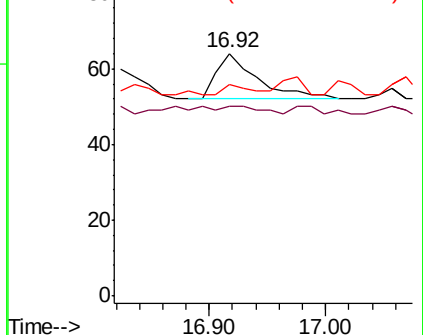
179 17.2 13.0 19.6

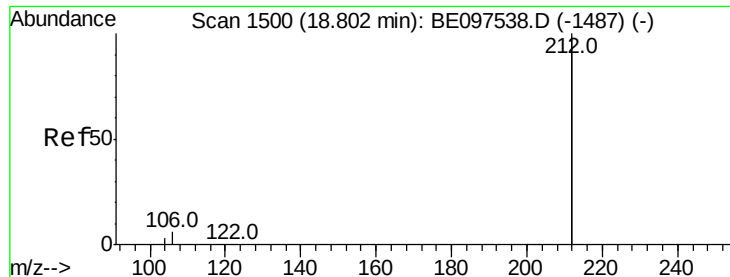


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.466 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

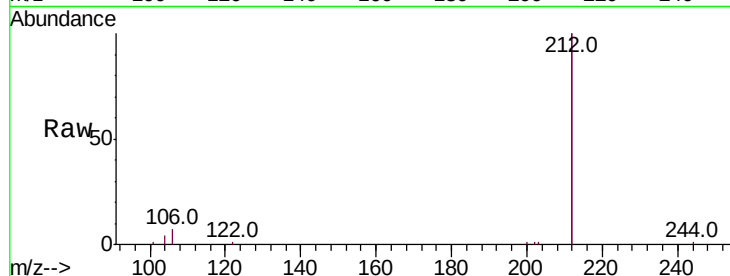
Tot Ion:212 Resp: 27522

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

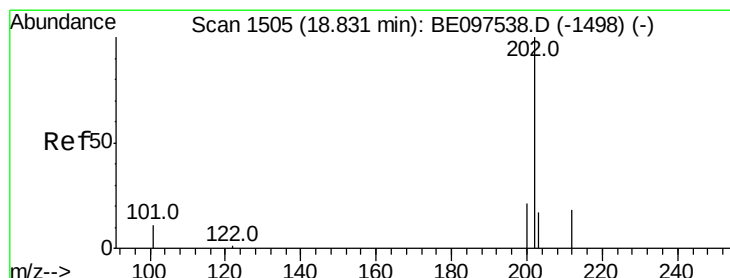
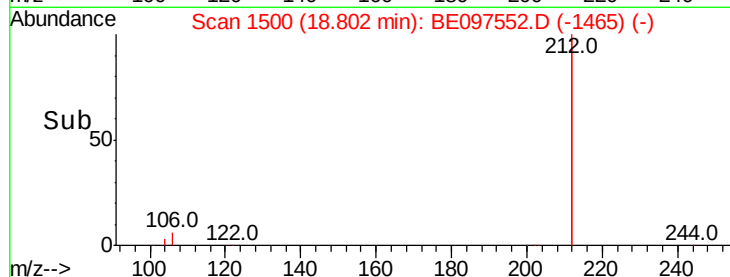
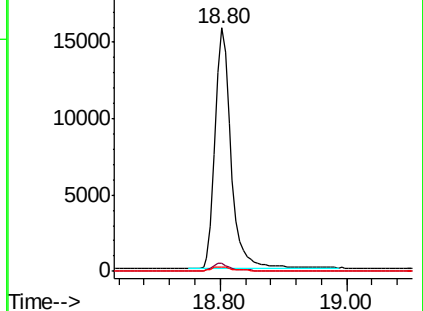
104 1.8 1.6 2.4



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: 0.002 ng

RT: 18.84 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

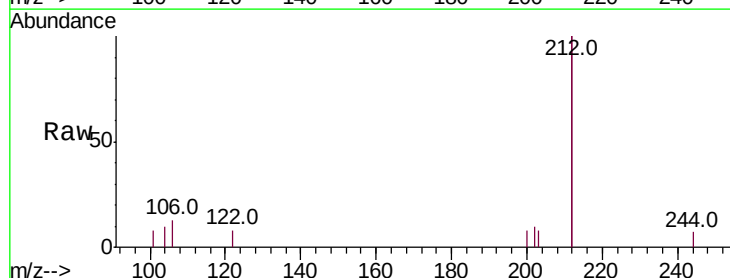
Tgt Ion:202 Resp: 34

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

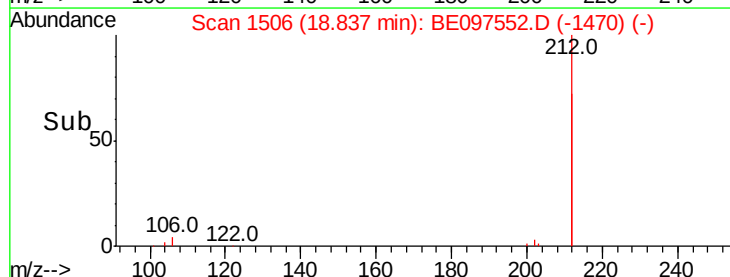
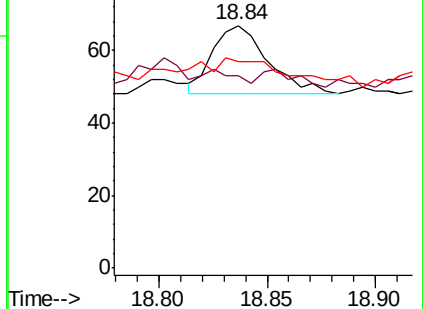
203 88.2 13.7 20.5#

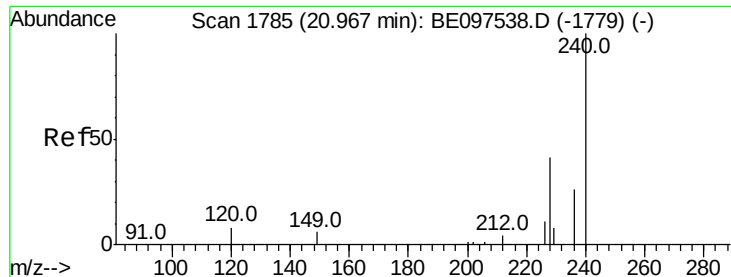


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

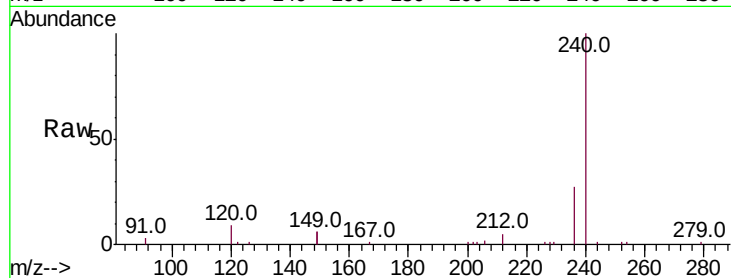
Tot Ion:240 Resp: 7832

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

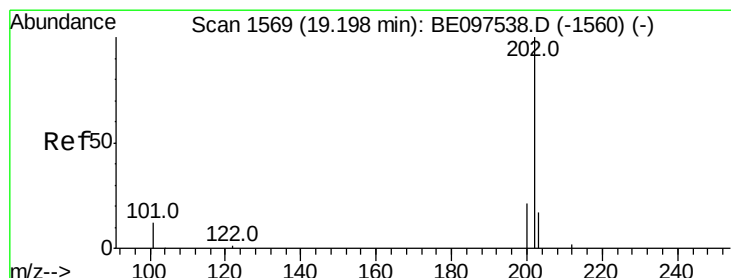
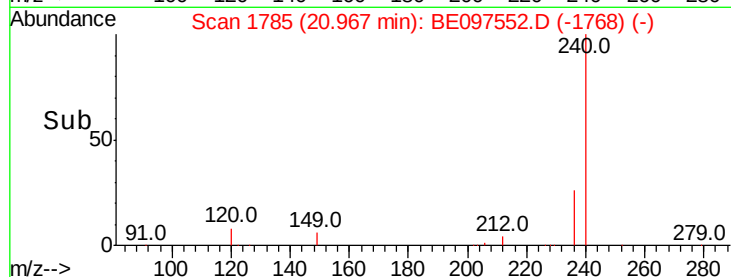
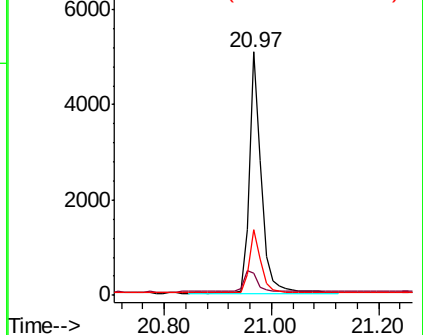
236 27.1 20.7 31.1



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: 0.003 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

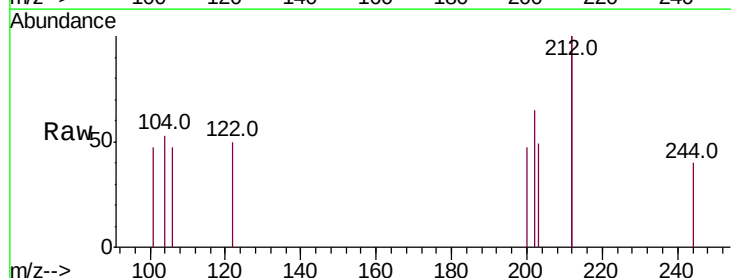
Tgt Ion:202 Resp: 48

Ion Ratio Lower Upper

202 100

200 16.7 16.6 25.0

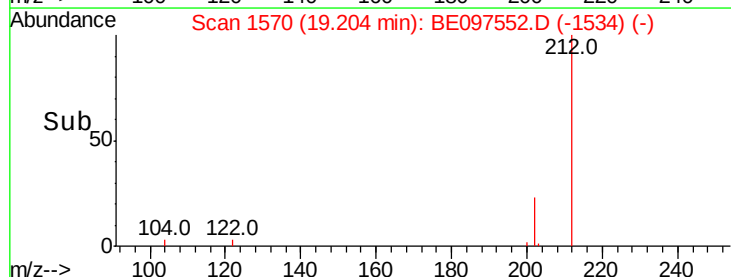
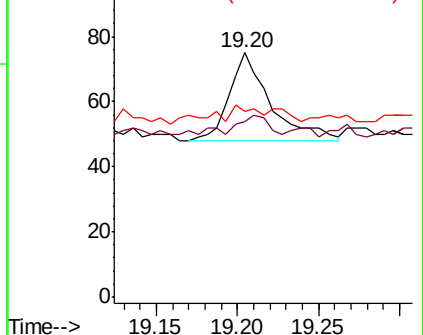
203 8.3 13.8 20.8#

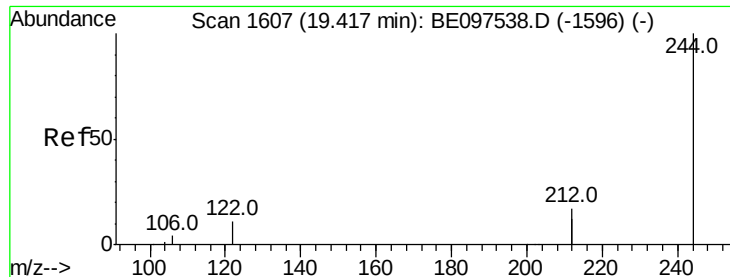


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

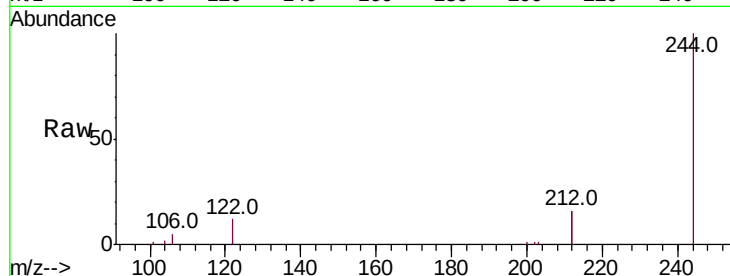
Tot Ion:244 Resp: 6486

Ion Ratio Lower Upper

244 100

212 32.6 25.4 38.0

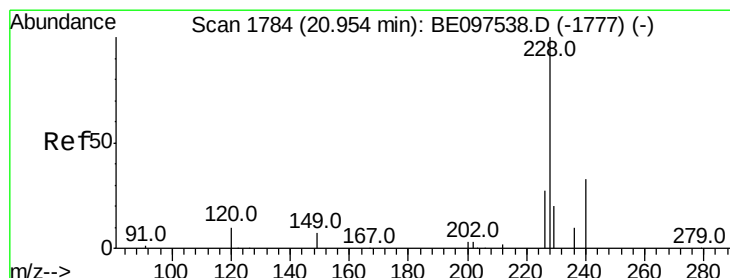
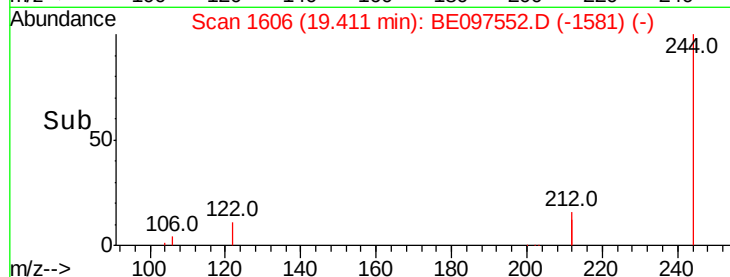
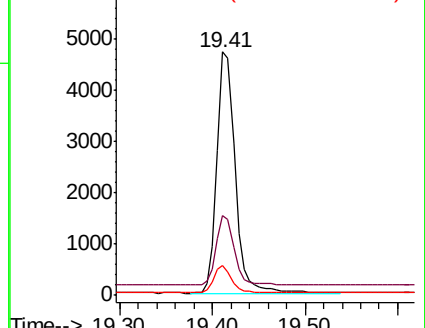
122 12.1 8.1 12.1#



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: 0.002 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

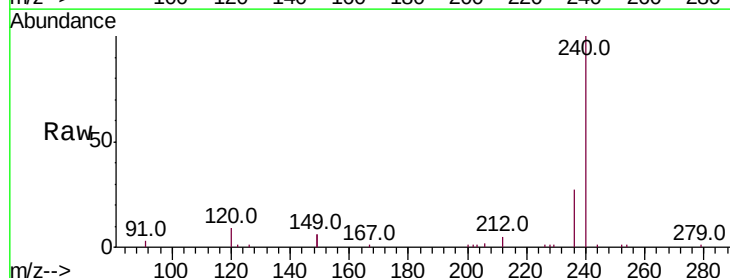
Tgt Ion:228 Resp: 47

Ion Ratio Lower Upper

228 100

226 74.3 24.0 36.0#

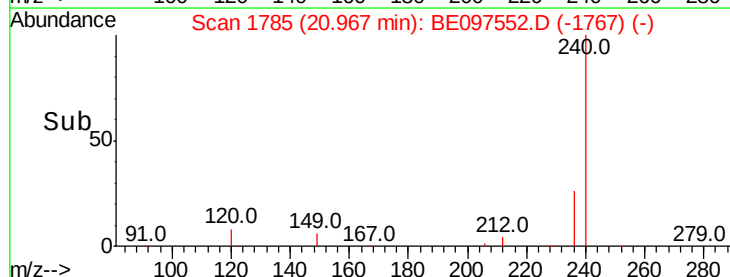
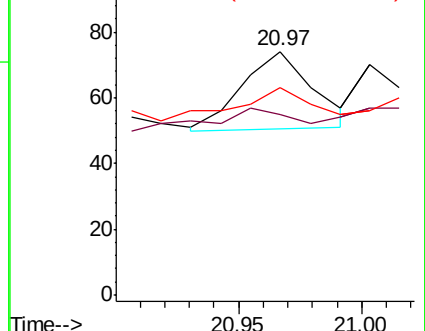
229 85.1 16.0 24.0#

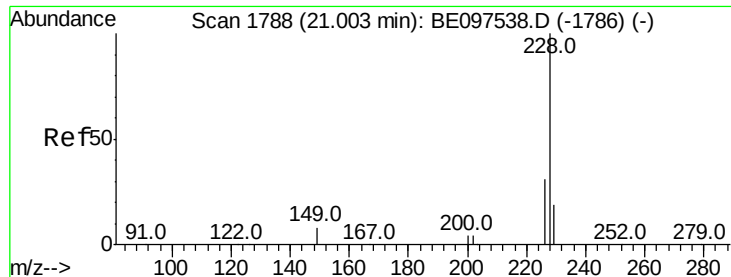


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

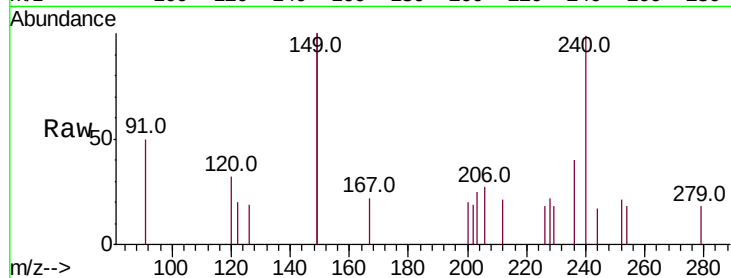
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 28

Ion	Ratio	Lower	Upper
228	100		
226	81.4	24.0	36.0#
229	80.0	16.0	24.0#

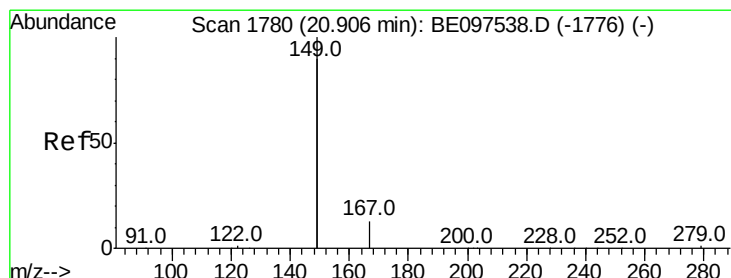
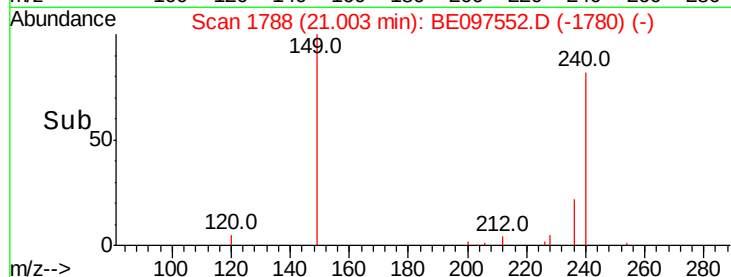
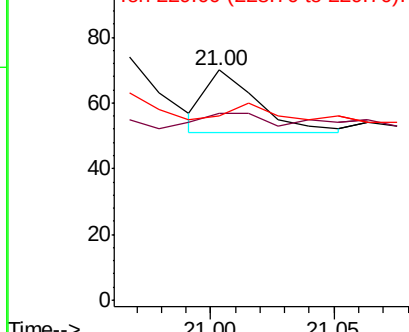


Abundance

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: 0.045 ng

RT: 20.91 min Scan# 1780

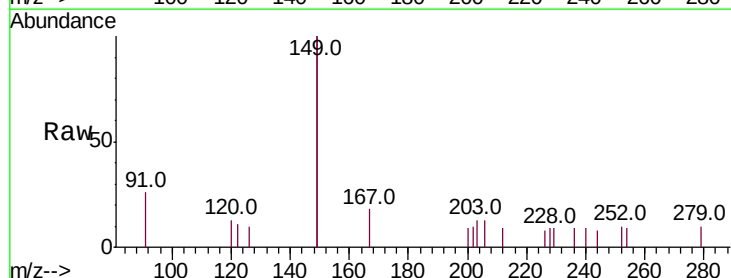
Delta R.T. 0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Tgt Ion:149 Resp: 1135

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.7	0.7	1.1#

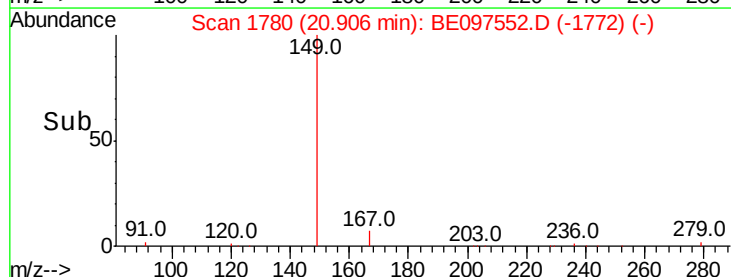
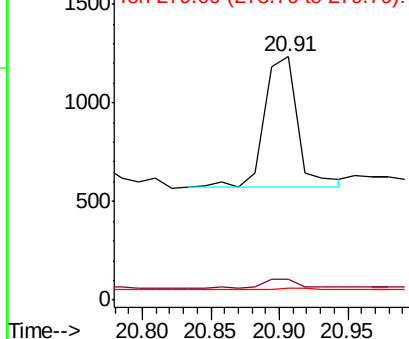


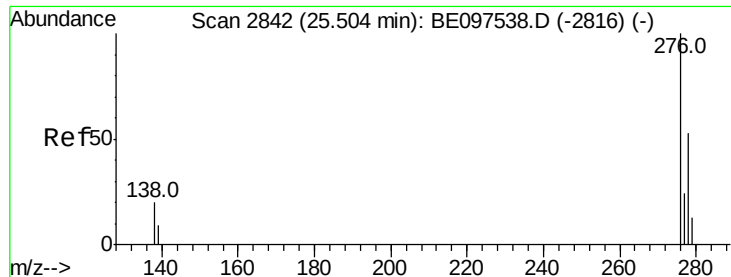
Abundance

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: 0.000 ng

RT: 25.51 min Scan# 2844

Delta R.T. 0.01 min

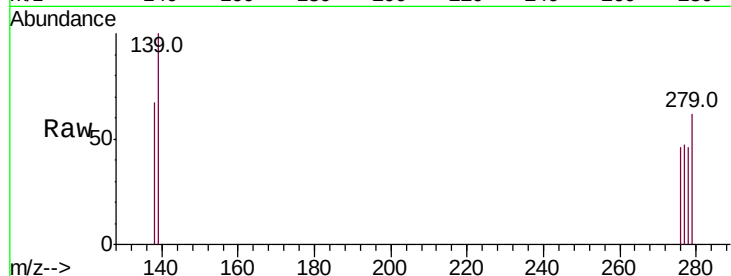
Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :



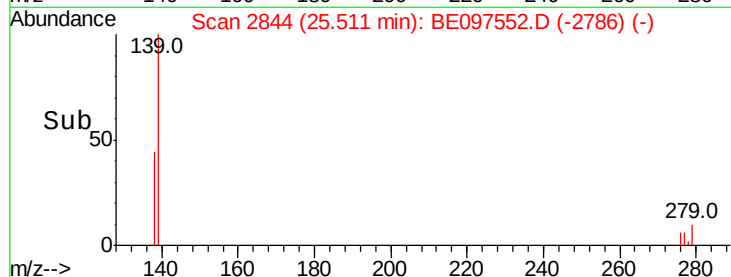
Tot Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

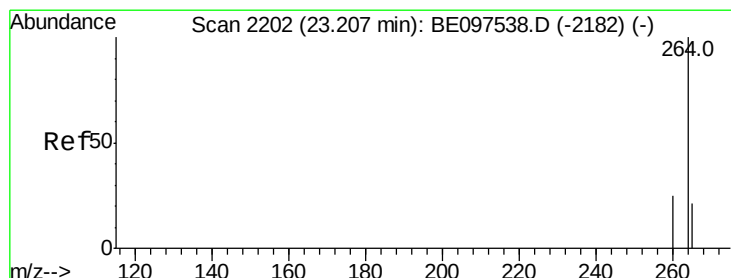
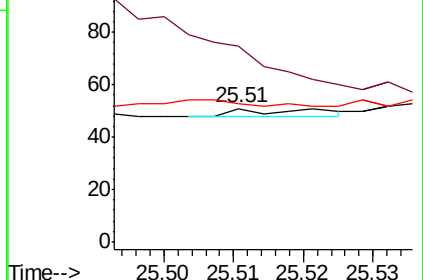
277 100.0 19.9 29.9#



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# 2202

Delta R.T. -0.00 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

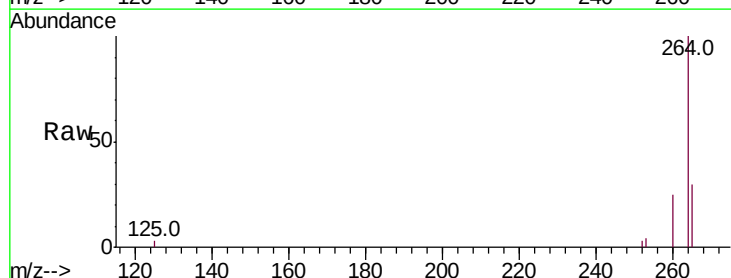
Tgt Ion:264 Resp: 8553

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

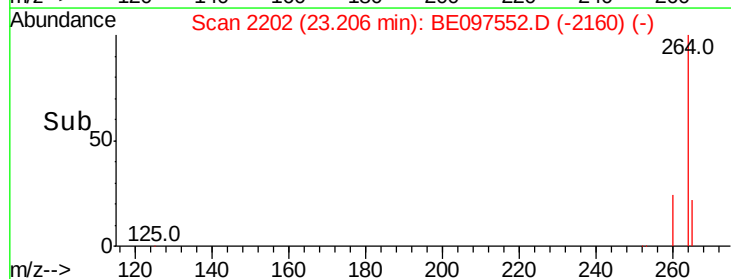
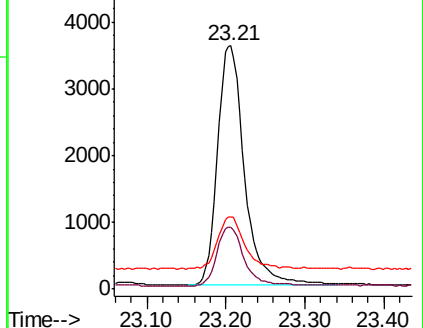
265 29.6 22.8 34.2

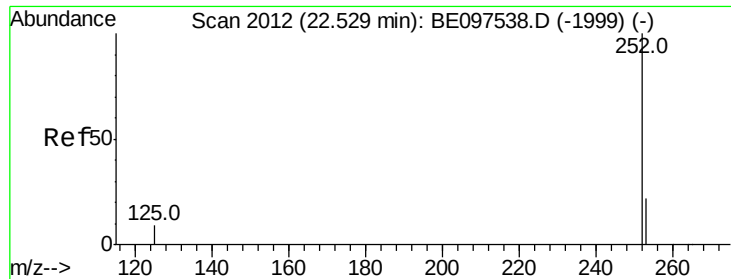


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

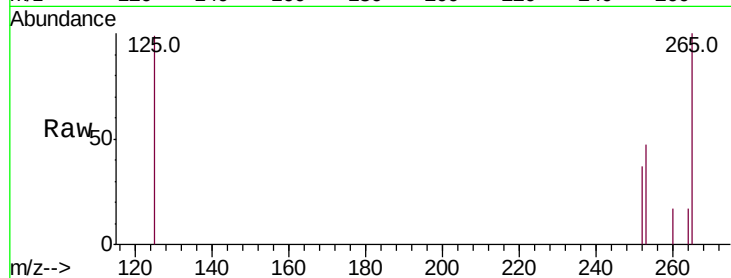




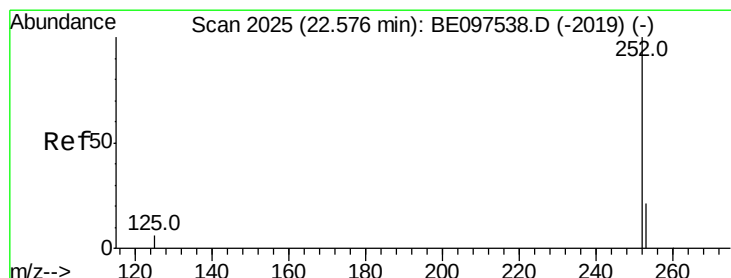
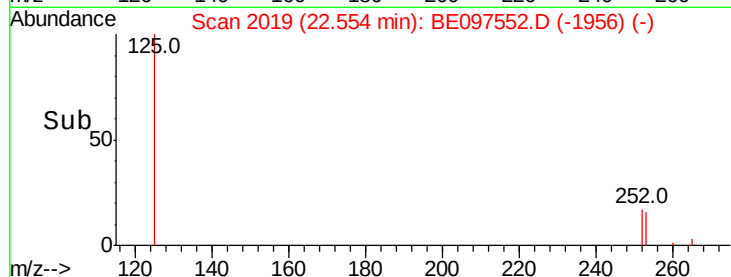
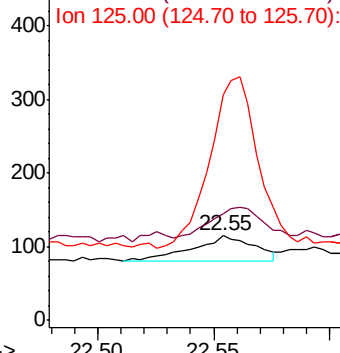
#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.55 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 66
Ion Ratio Lower Upper
252 100
253 125.2 20.0 30.0#
125 267.0 16.0 24.0#

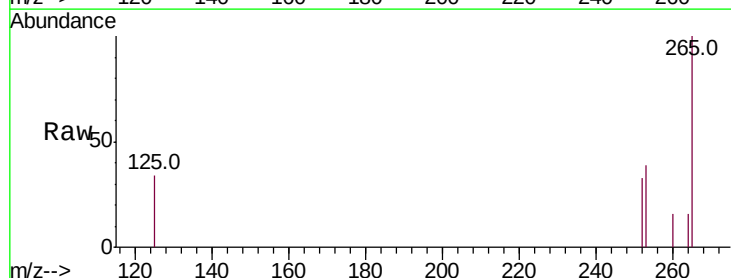


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

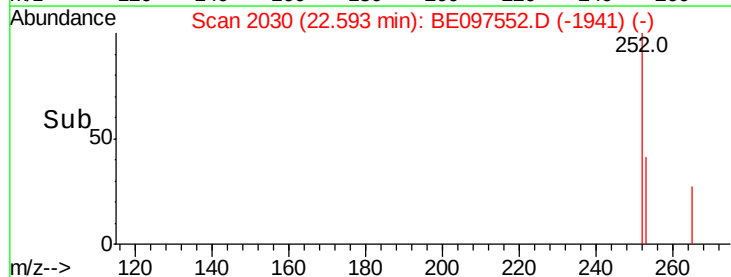
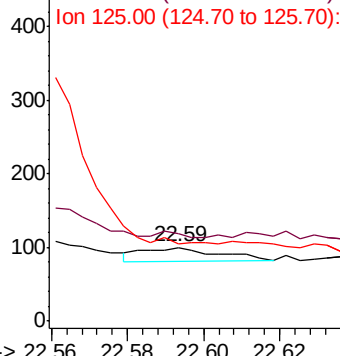


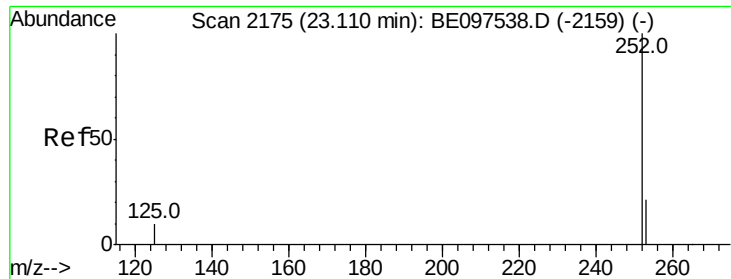
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BE097552.D
Acq: 19 Sep 2018 22:29

Tgt Ion:252 Resp: 26
Ion Ratio Lower Upper
252 100
253 119.0 16.0 24.0#
125 104.0 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: 0.021 ng

RT: 23.09 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :

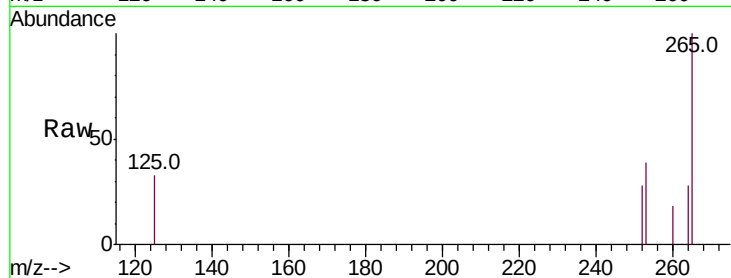
Tot Ion:252 Resp: 4

Ion Ratio Lower Upper

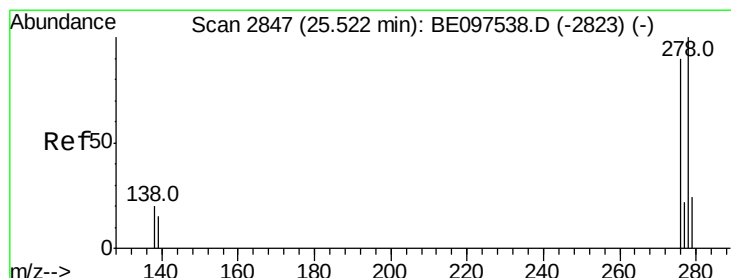
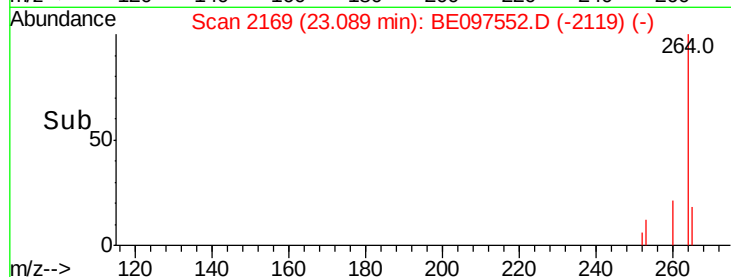
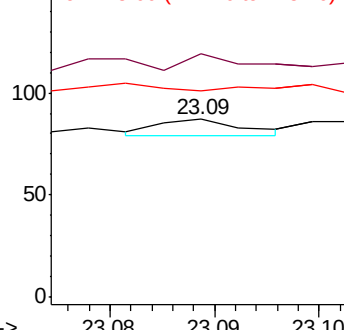
252 100

253 136.8 16.0 24.0#

125 116.1 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: 0.000 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

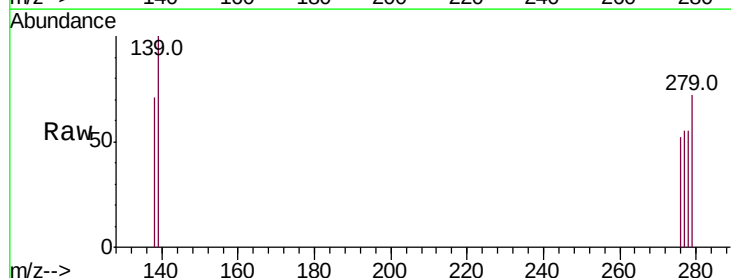
Tgt Ion:278 Resp: 3

Ion Ratio Lower Upper

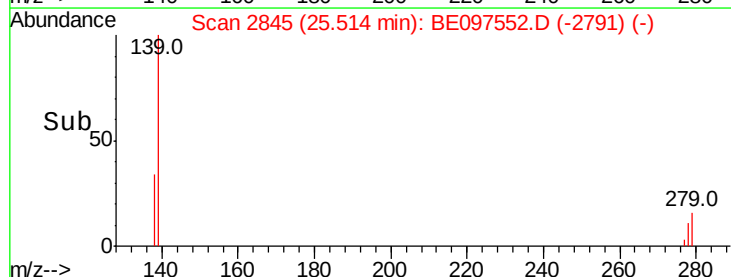
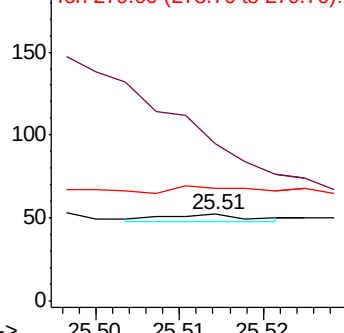
278 100

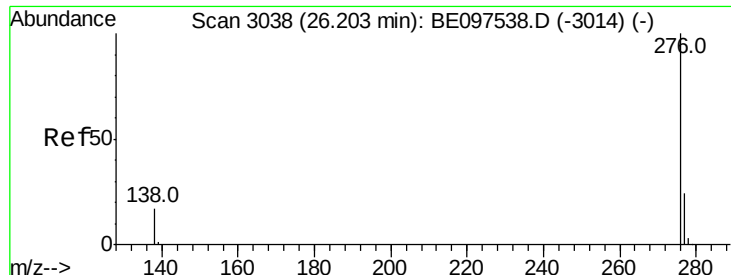
139 182.7 16.0 24.0#

279 130.8 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: 0.000 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.00 min

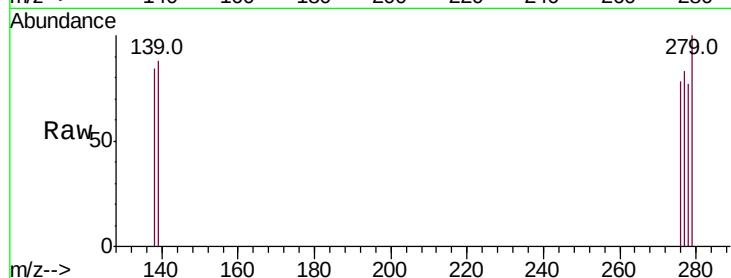
Lab File: BE097552.D

Acq: 19 Sep 2018 22:29

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 106.0 16.0 24.0#

138 108.0 20.0 30.0#

