

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097541.D
 Acq On : 19 Sep 2018 15:34
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 19 16:19:33 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 15:47:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	794	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3698	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2195	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	6222	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9187	0.40	ng	0.00
34) Perylene-d12	23.20	264	8506	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	7364	2.74	ng	0.00
5) Phenol-d6	6.58	99	10303	3.02	ng	-0.01
8) Nitrobenzene-d5	8.51	82	9512	3.20	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	16727	3.17	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	3491	3.01	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	24121	3.15	ng	-0.02
25) Fluoranthene-d10	18.79	212	252369	3.38	ng	0.00
29) Terphenyl-d14	19.41	244	53907	3.07	ng	0.00

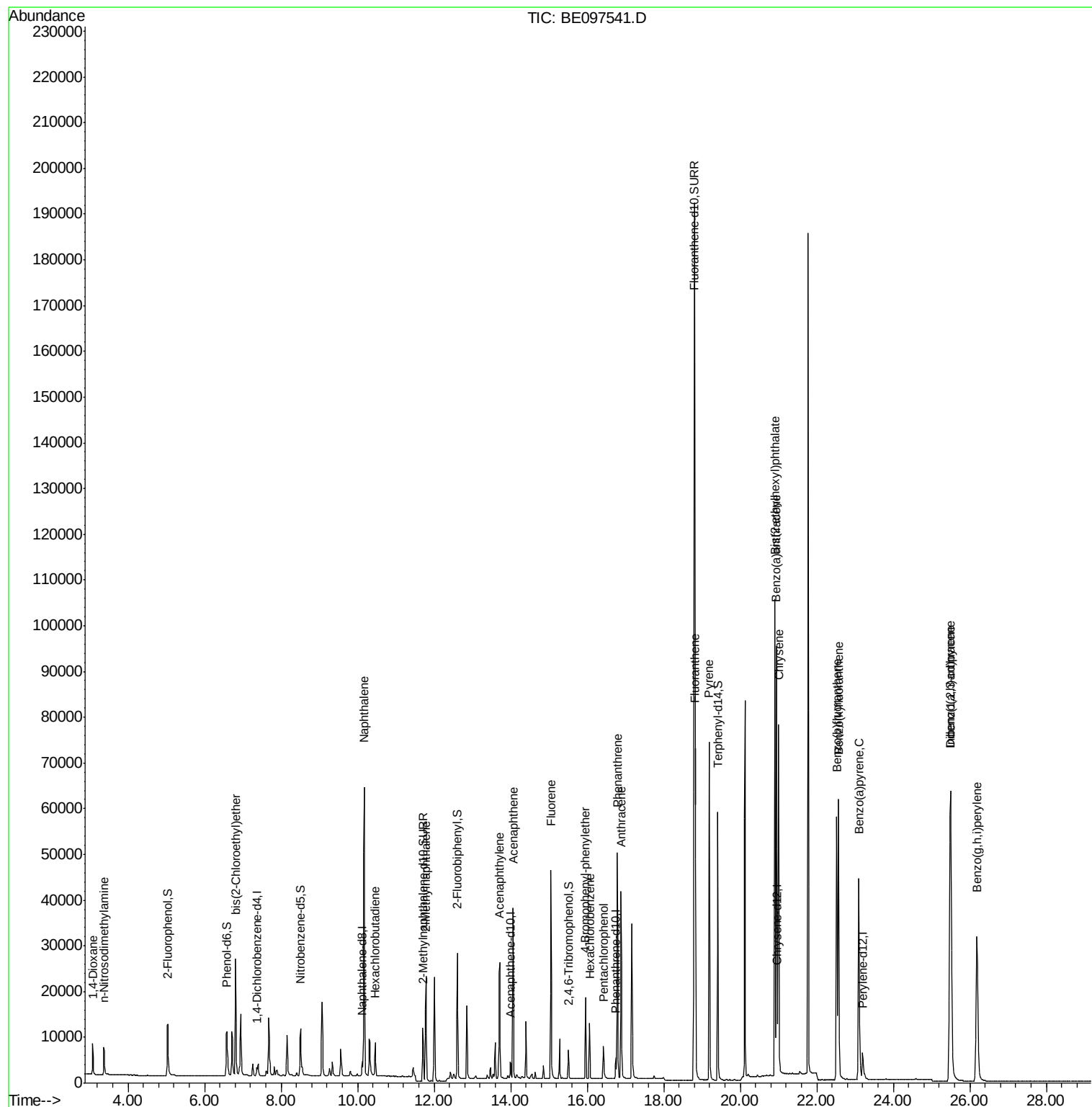
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	3947	2.874	ng	# 87
3) n-Nitrosodimethylamine	3.36	42	3845	3.350	ng	# 89
6) bis(2-Chloroethyl)ether	6.81	93	8837	3.240	ng	89
9) Naphthalene	10.17	128	105515	3.143	ng	99
10) Hexachlorobutadiene	10.46	225	4740	2.975	ng	98
12) 2-Methylnaphthalene	11.78	142	17348	3.231	ng	98
16) Acenaphthylene	13.72	152	30610	3.206	ng	100
17) Acenaphthene	14.06	154	18984	3.222	ng	98
18) Fluorene	15.05	166	24892	3.313	ng	# 79
20) 4-Bromophenyl-phenylether	15.95	248	9355	3.114	ng	# 82
21) Hexachlorobenzene	16.07	284	10120	3.179	ng	# 85
22) Pentachlorophenol	16.43	266	4382	7.925	ng	# 72
23) Phenanthrene	16.79	178	48021	3.282	ng	99
24) Anthracene	16.88	178	44818	3.317	ng	96
26) Fluoranthene	18.83	202	66717	3.497	ng	98
28) Pyrene	19.19	202	69145	2.925	ng	100
30) Benzo(a)anthracene	20.94	228	76470	3.166	ng	97
31) Chrysene	21.00	228	79757	3.217	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	127070	2.475	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.48	276	91435	3.095	ng	# 92
35) Benzo(b)fluoranthene	22.52	252	74194	3.412	ng	# 86
36) Benzo(k)fluoranthene	22.57	252	81670	3.443	ng	96
37) Benzo(a)pyrene	23.10	252	71285	3.299	ng	# 92
38) Dibenzo(a,h)anthracene	25.50	278	77576	3.442	ng	# 92
39) Benzo(g,h,i)perylene	26.18	276	75065	3.261	ng	# 89

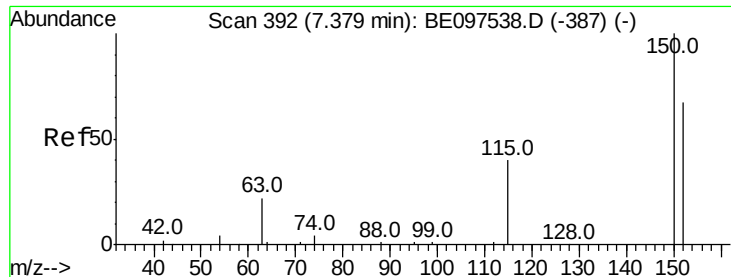
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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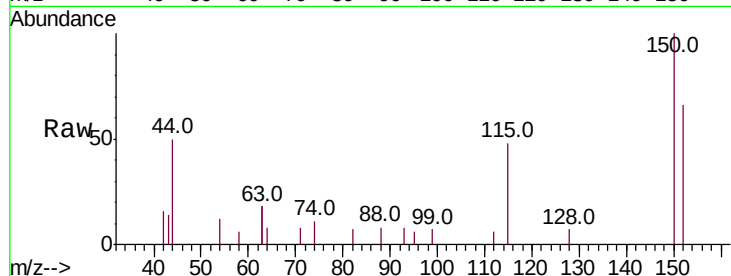


#1

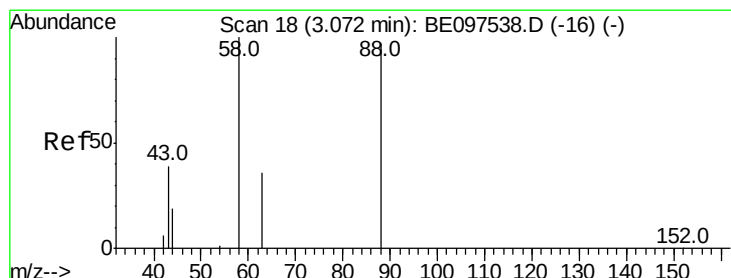
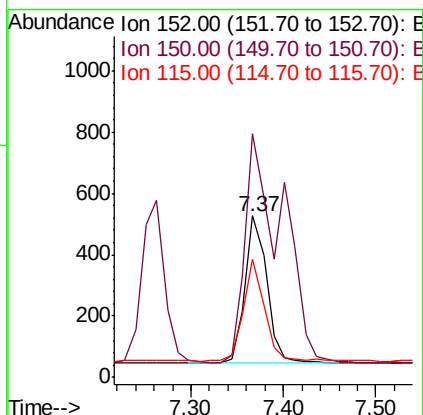
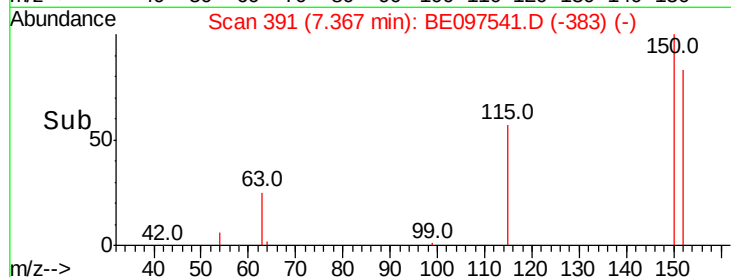
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 794
Ion Ratio Lower Upper
152 100
150 151.0 117.2 175.8
115 73.0 57.0 85.6



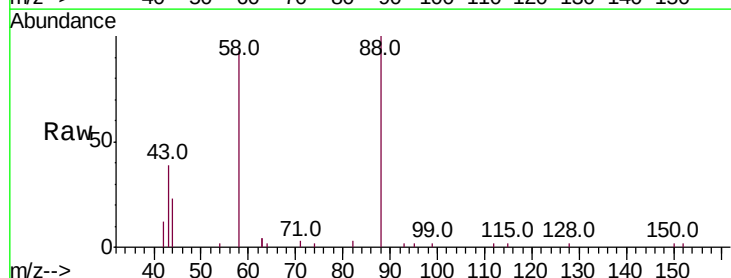
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



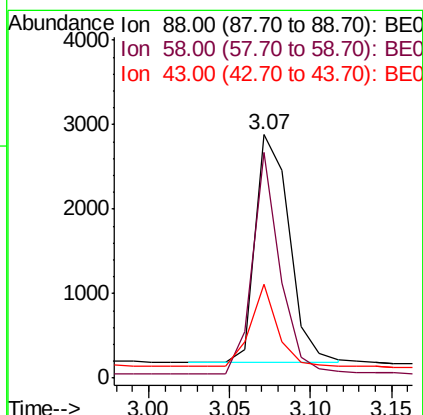
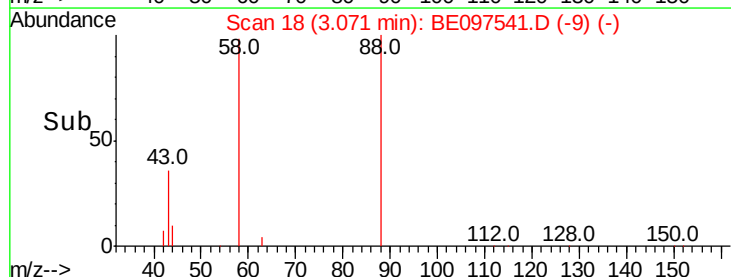
#2

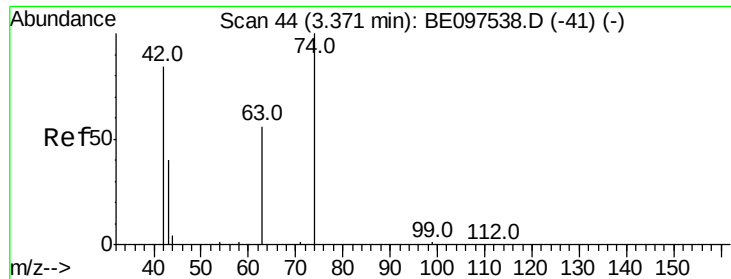
1,4-Dioxane
Concen: 2.874 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion: 88 Resp: 3947
Ion Ratio Lower Upper
88 100
58 78.8 63.2 94.8
43 29.0 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: 3.350 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE097541.D

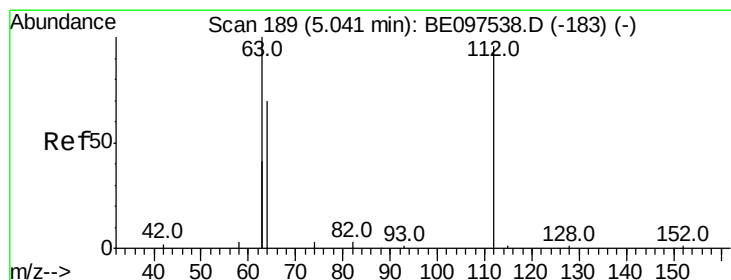
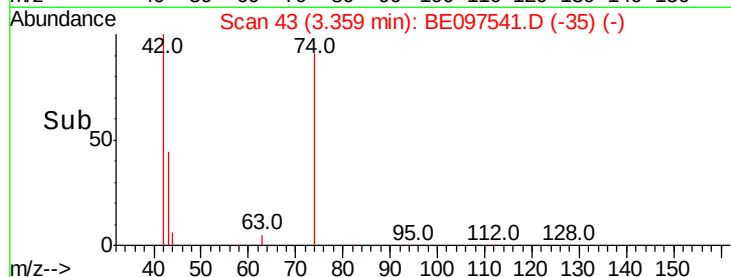
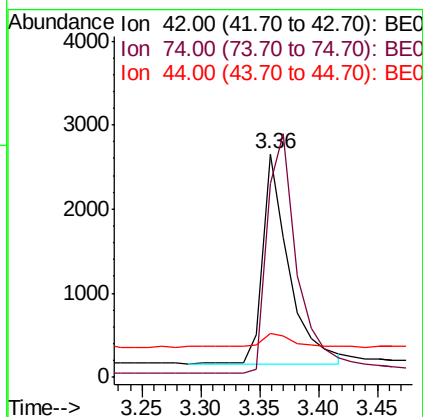
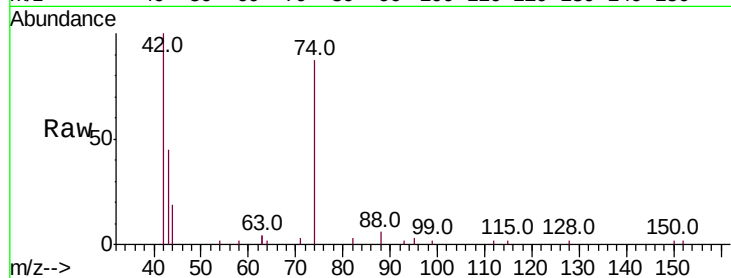
Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	3845
Ion	Ratio	Lower	Upper
42	100		
74	130.6	96.0	144.0
44	6.8	12.0	18.0#



#4

2-Fluorophenol

Concen: 2.738 ng

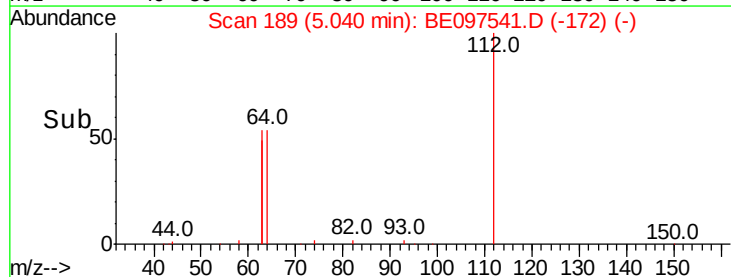
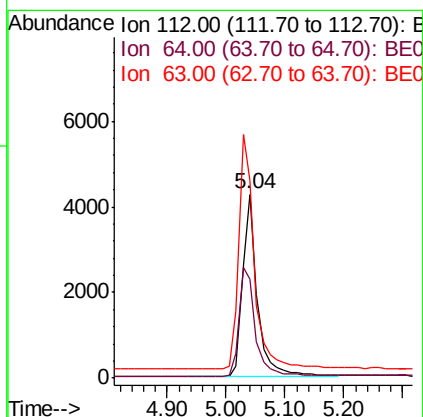
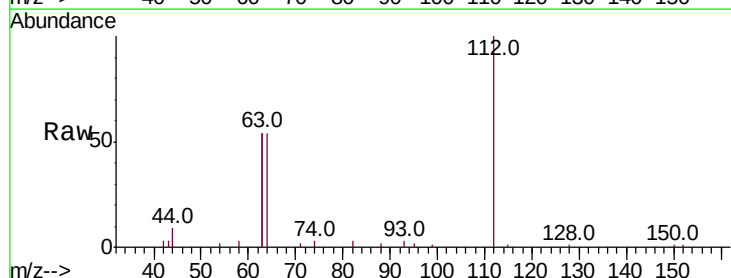
RT: 5.04 min Scan# 189

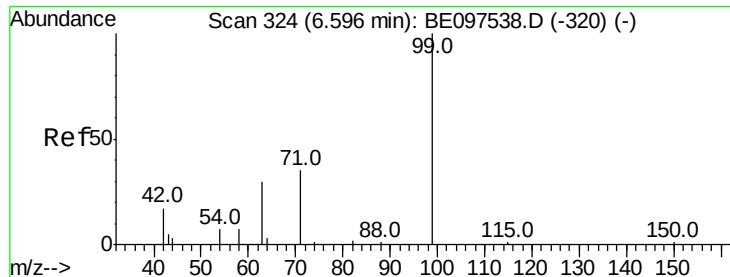
Delta R.T. -0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Tgt Ion:	112	Resp:	7364
Ion	Ratio	Lower	Upper
112	100		
64	66.0	60.1	90.1
63	136.1	116.8	175.2





#5

Phenol-d6

Concen: 3.019 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampled :

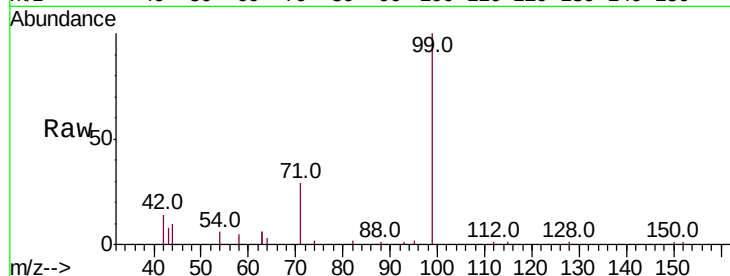
Tot Ion: 99 Resp: 10303

Ion Ratio Lower Upper

99 100

42 19.5 20.2 30.2#

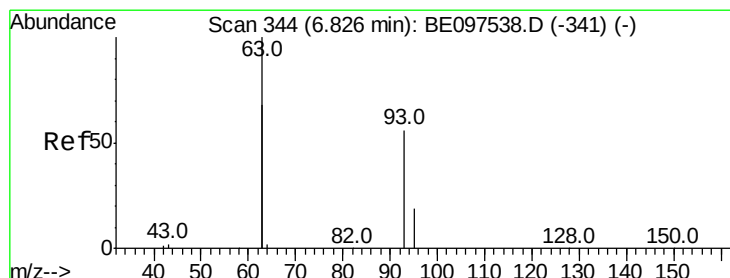
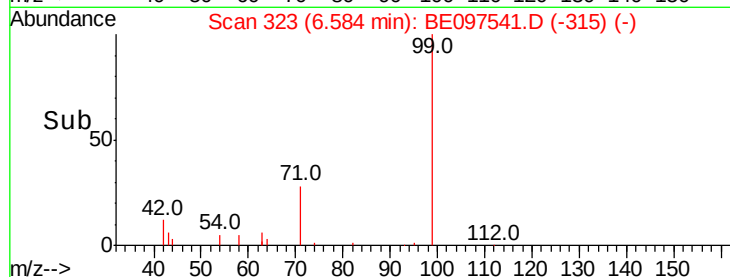
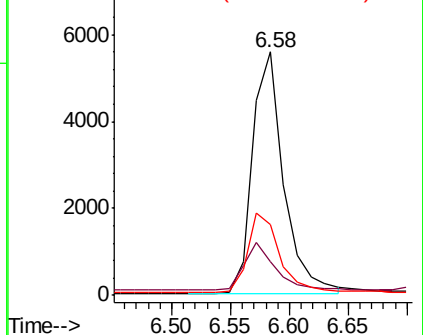
71 33.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.240 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

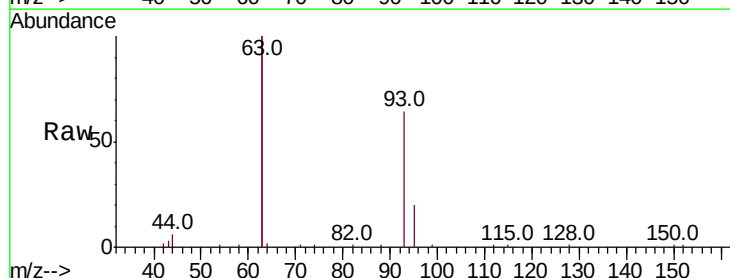
Tgt Ion: 93 Resp: 8837

Ion Ratio Lower Upper

93 100

63 319.5 275.3 412.9

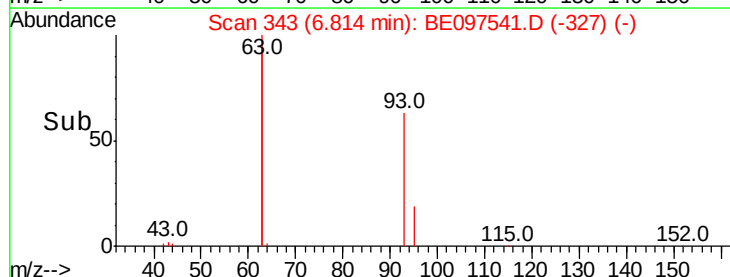
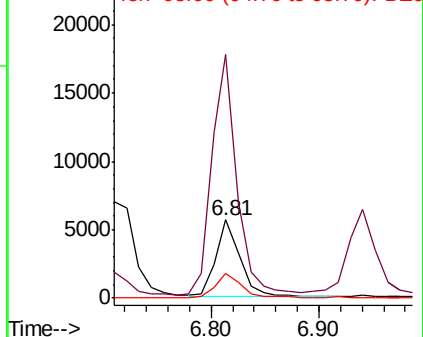
95 31.7 25.2 37.8

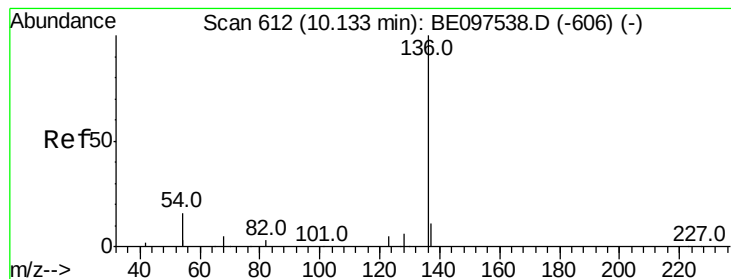


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3698

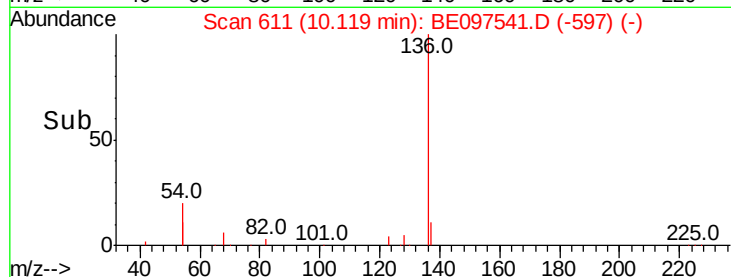
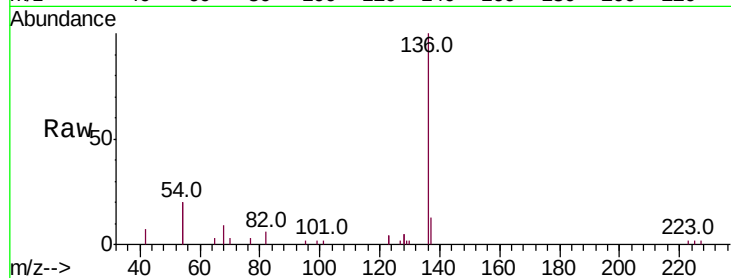
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 40.0 29.1 43.7

68 8.6 6.2 9.2

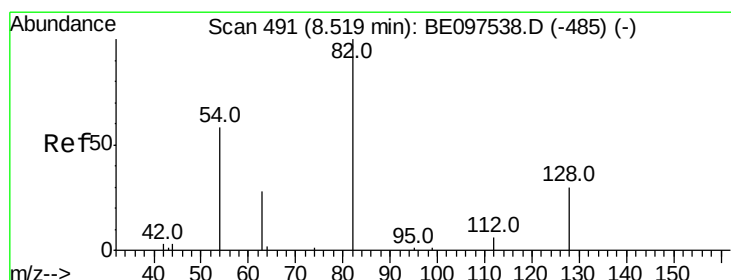
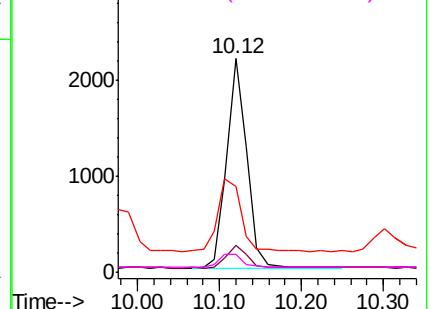


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.196 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

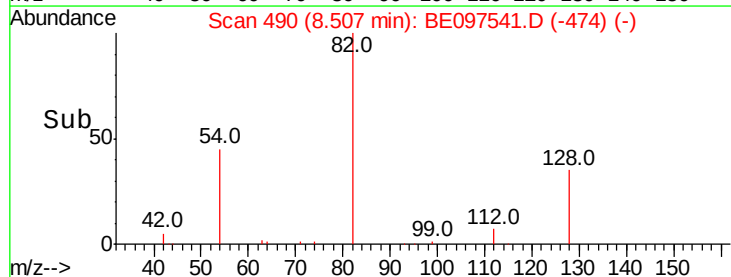
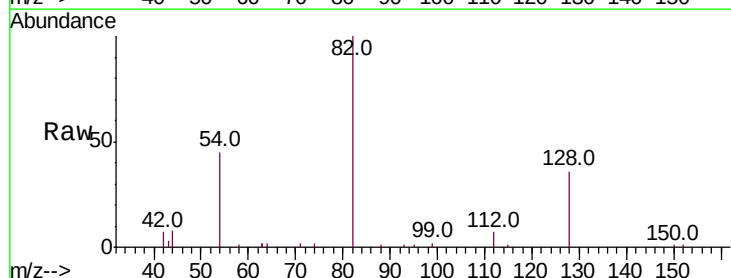
Tgt Ion: 82 Resp: 9512

Ion Ratio Lower Upper

82 100

128 35.9 24.0 36.0

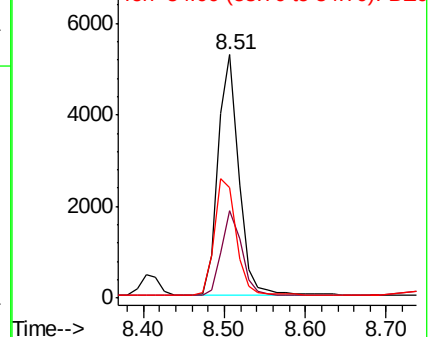
54 45.5 40.0 60.0

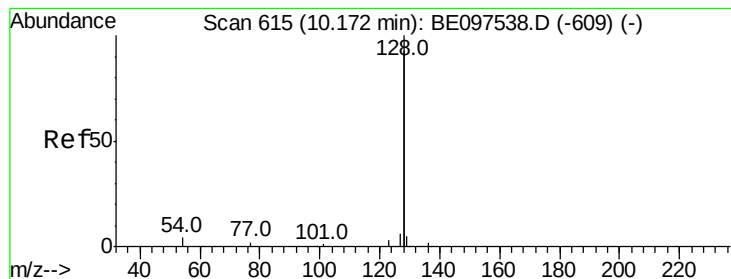


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.143 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

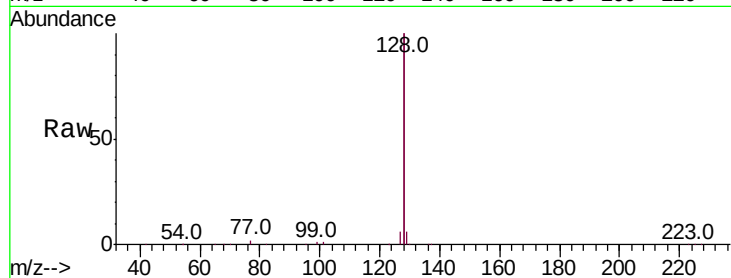
Tot Ion:128 Resp: 105515

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

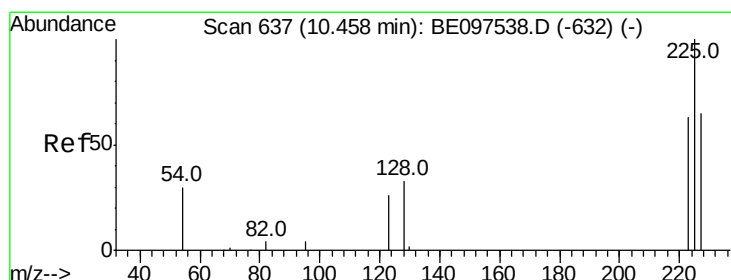
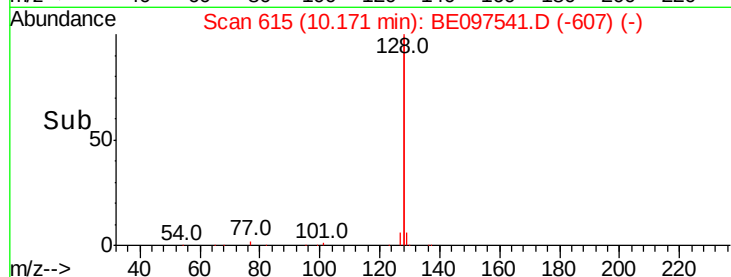
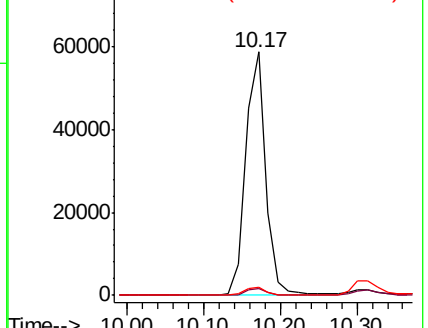
127 3.2 2.8 4.2



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: 2.975 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

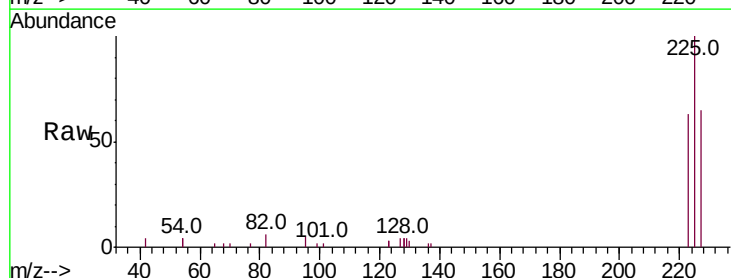
Tgt Ion:225 Resp: 4740

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

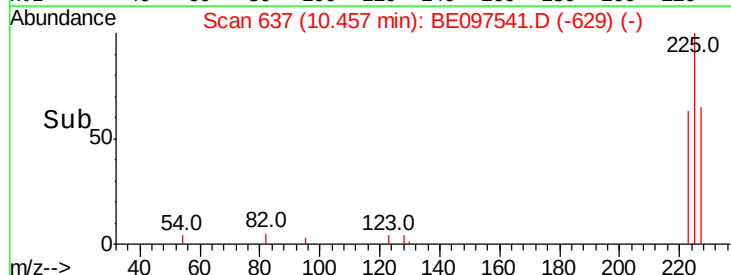
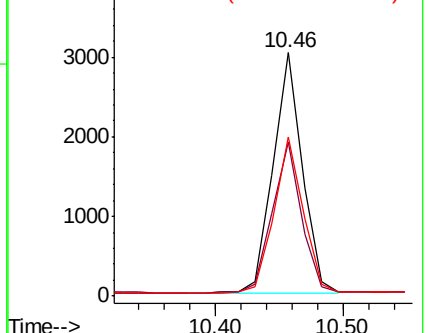
227 64.7 51.4 77.2

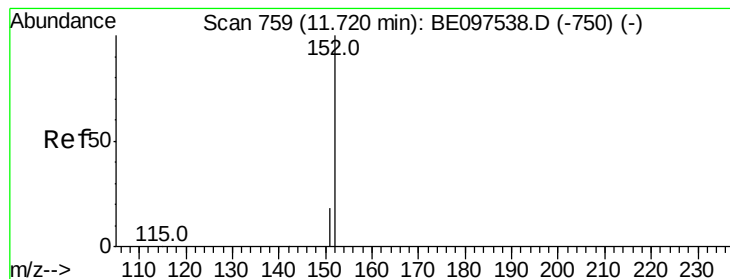


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.165 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

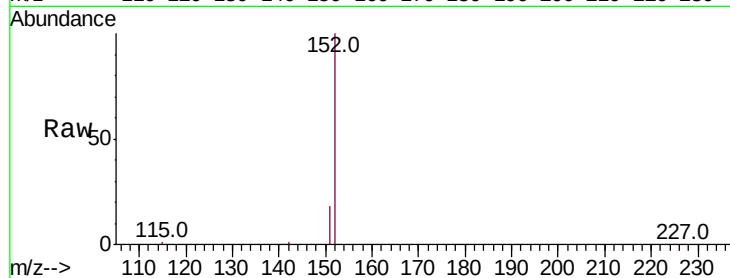
ClientSampled :

Tot Ion:152 Resp: 16727

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

10000

8000

6000

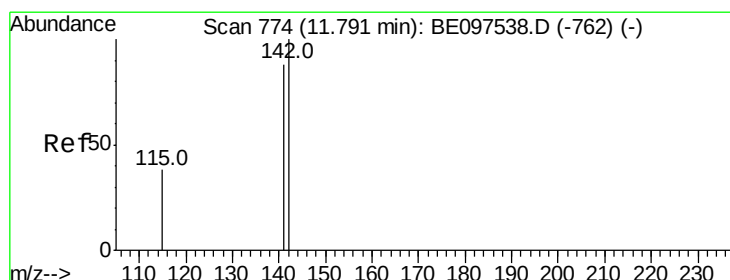
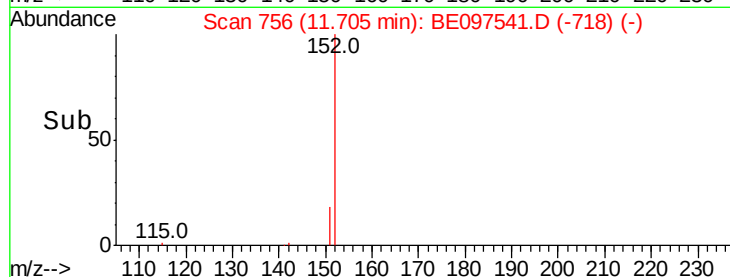
4000

2000

0

Time-->

11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 3.231 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

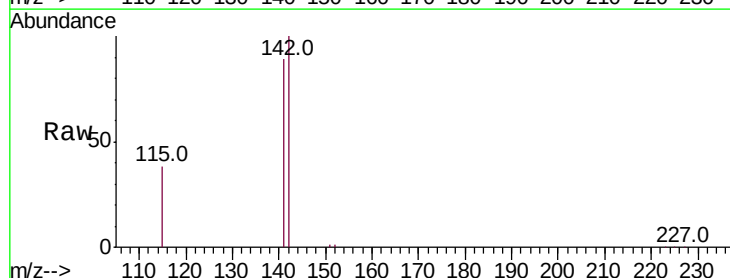
Tgt Ion:142 Resp: 17348

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

115 37.6 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

11.78

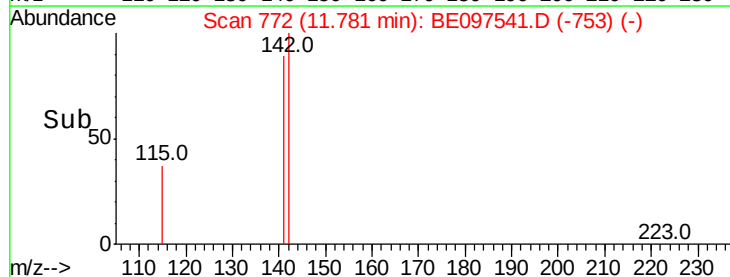
10000

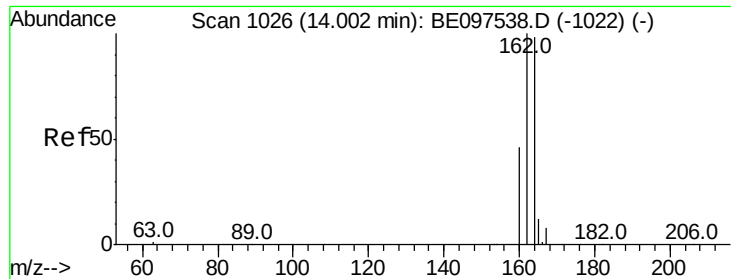
5000

0

Time-->

11.70 11.80

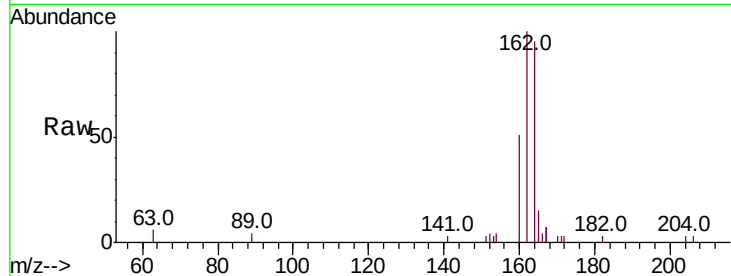




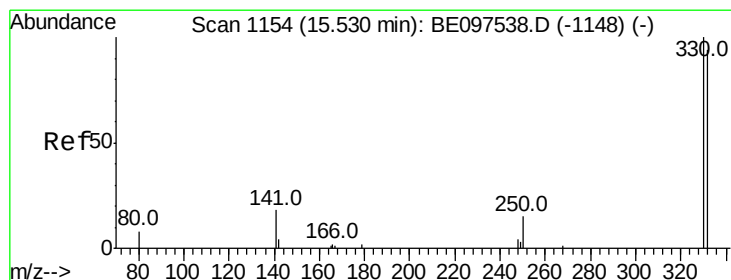
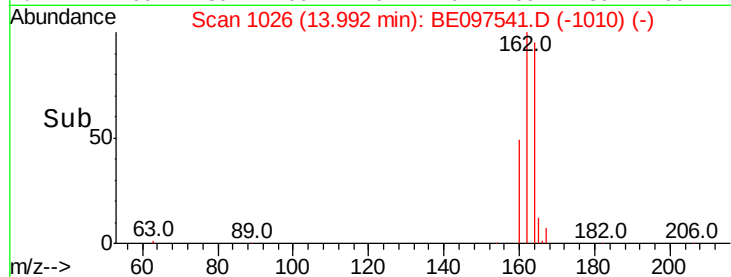
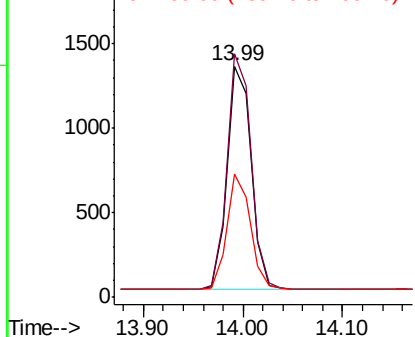
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.99 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE097541.D
 Acq: 19 Sep 2018 15:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2195
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.1 124.7
 160 53.3 37.1 55.7

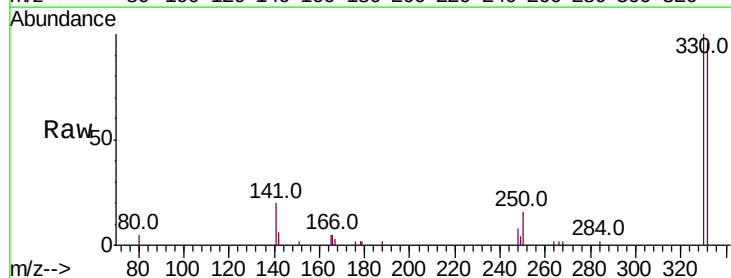


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

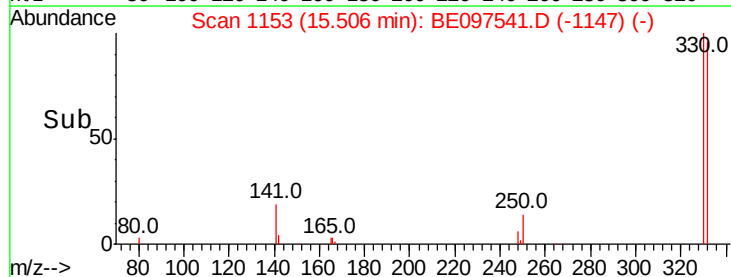
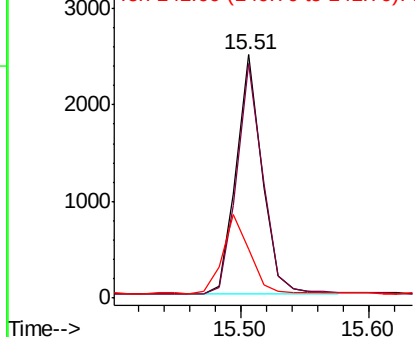


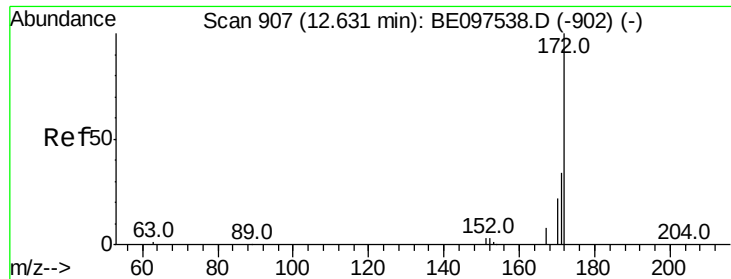
#14
 2,4,6-Tribromophenol
 Concen: 3.011 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097541.D
 Acq: 19 Sep 2018 15:34

Tgt Ion:330 Resp: 3491
 Ion Ratio Lower Upper
 330 100
 332 96.5 152.7 229.1#
 141 33.7 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

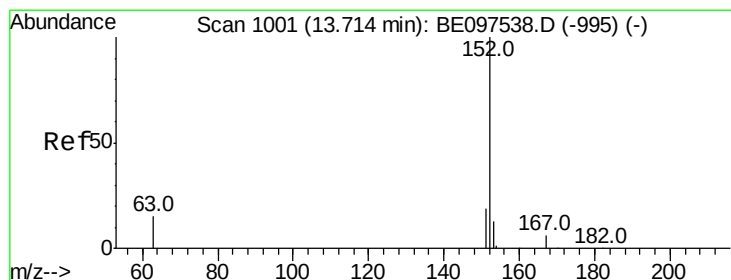
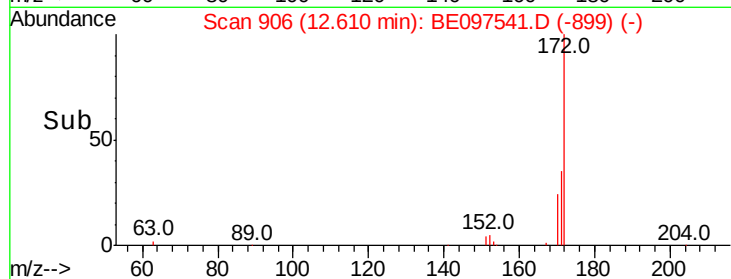
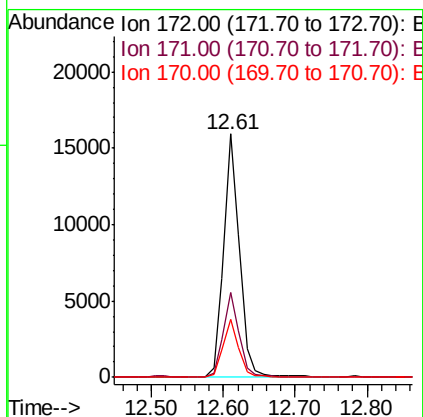
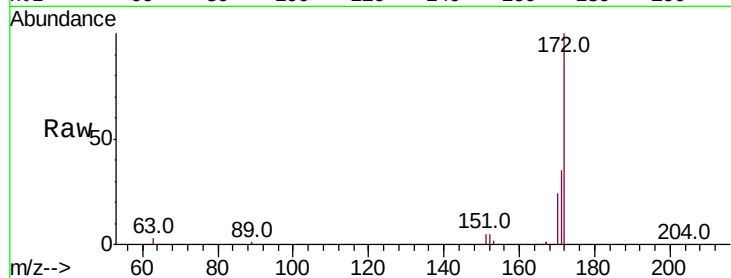




#15
2-Fluorobiphenyl
Concen: 3.147 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

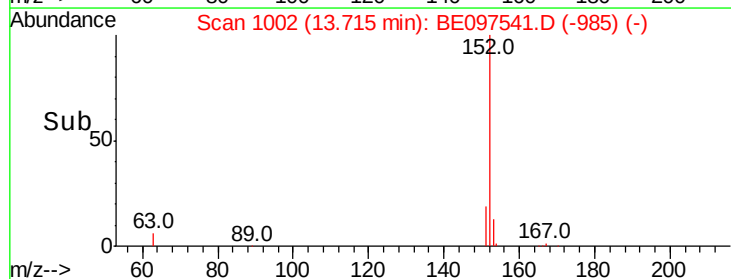
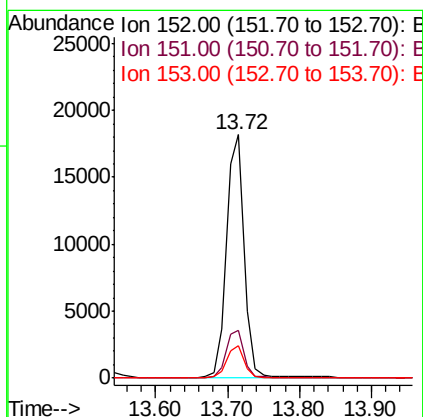
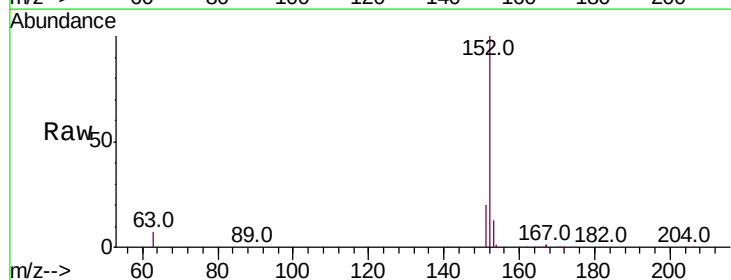
Instrument :
BNA_E
ClientSampleId :

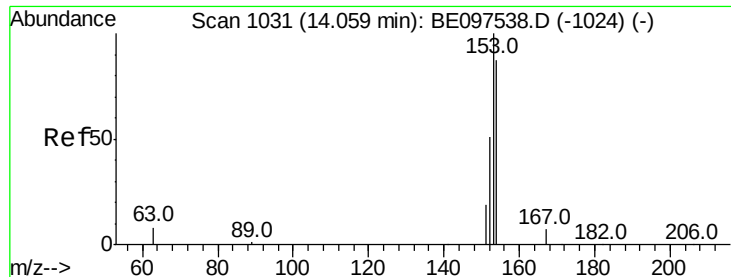
Tot Ion:172 Resp: 24121
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.9 21.8 32.8



#16
Acenaphthylene
Concen: 3.206 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:152 Resp: 30610
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.222 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

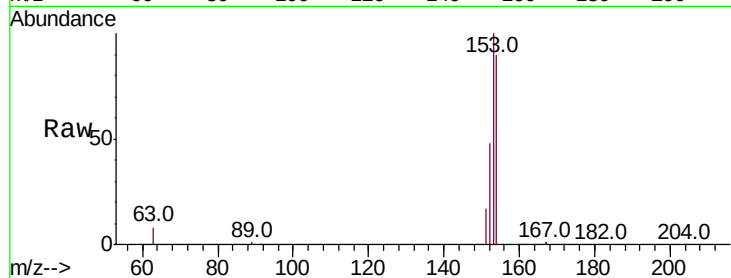
Tot Ion:154 Resp: 18984

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

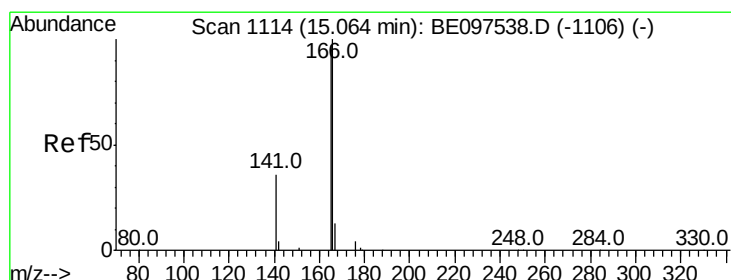
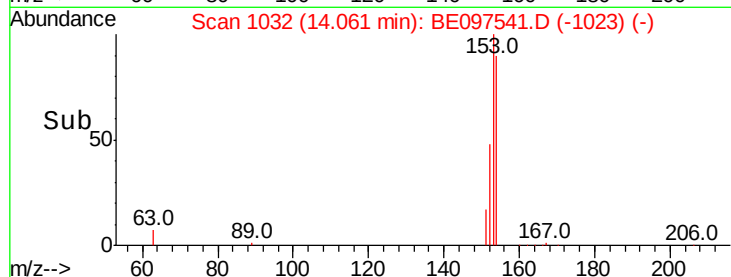
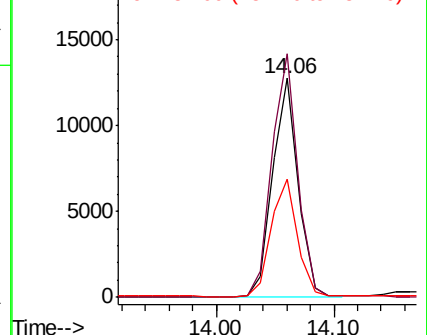
152 55.3 42.0 63.0



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: 3.313 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

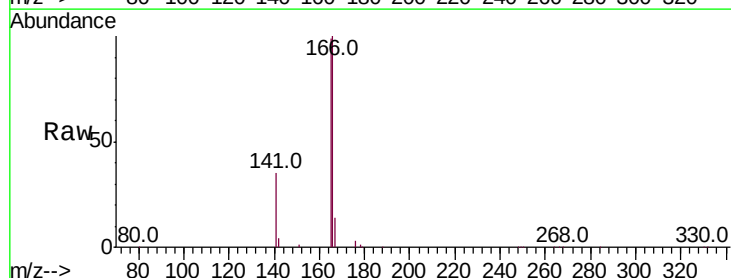
Tgt Ion:166 Resp: 24892

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

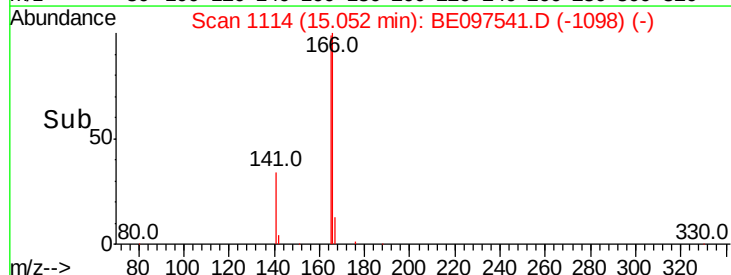
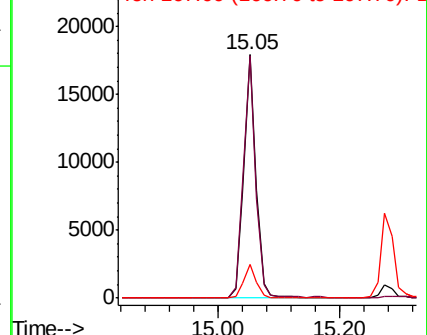
167 13.4 42.4 63.6#

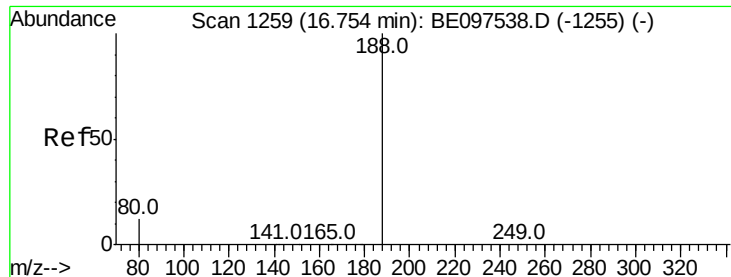


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

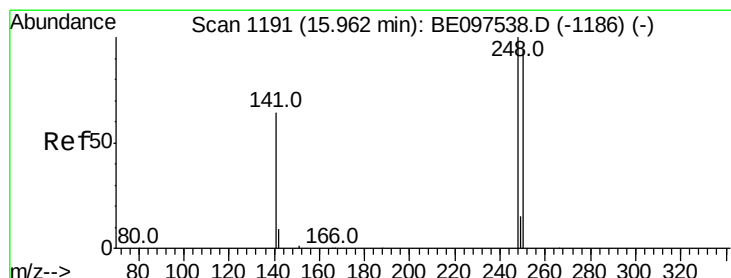
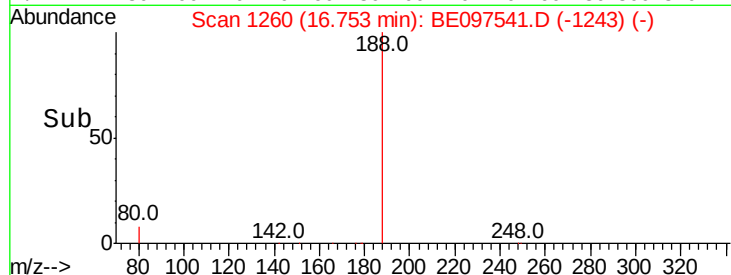
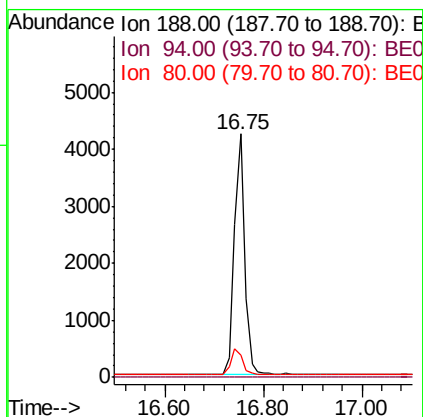
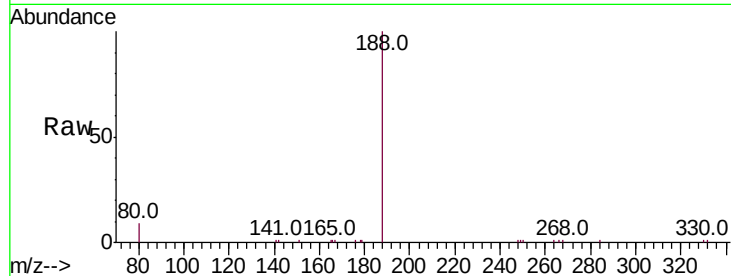




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

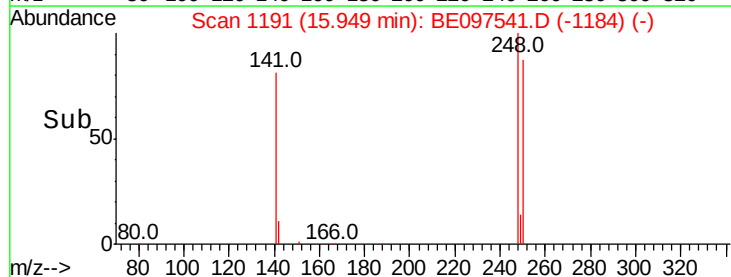
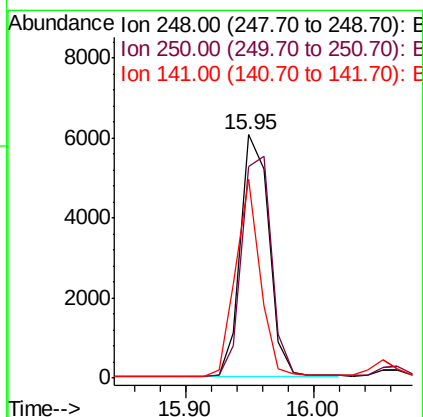
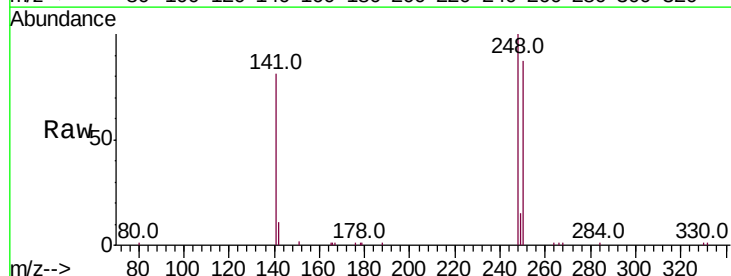
Instrument :
BNA_E
ClientSampled :

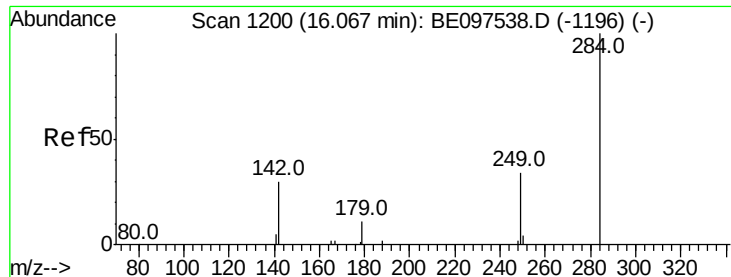
Tot Ion:188 Resp: 6222
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.1 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:248 Resp: 9355
Ion Ratio Lower Upper
248 100
250 87.0 62.7 94.1
141 81.5 48.2 72.2#

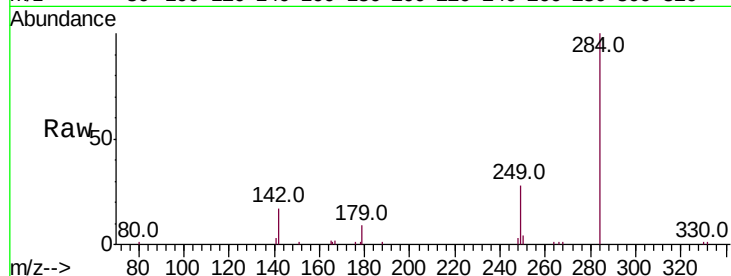




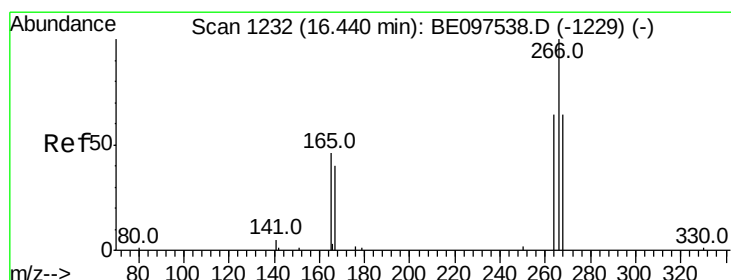
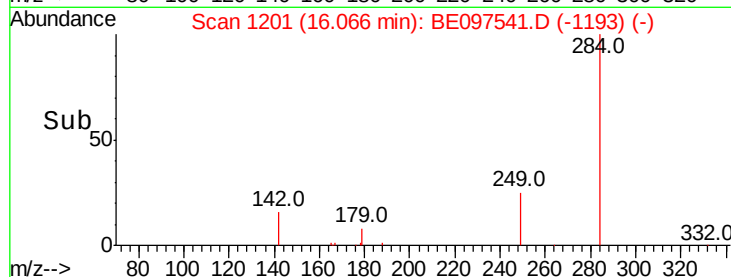
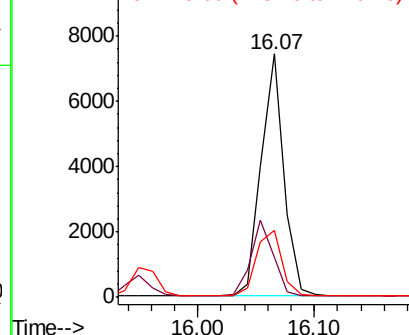
#21
Hexachlorobenzene
Concen: 3.179 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 10120
Ion Ratio Lower Upper
284 100
142 31.3 22.1 33.1
249 30.4 34.8 52.2#

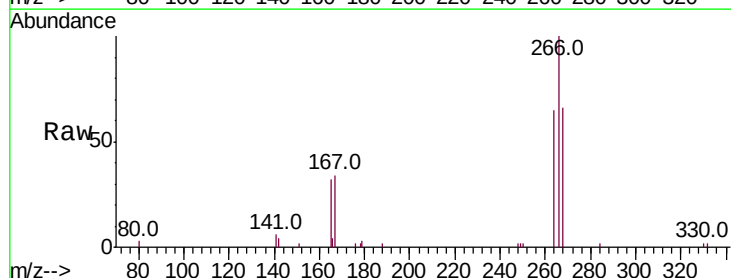


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

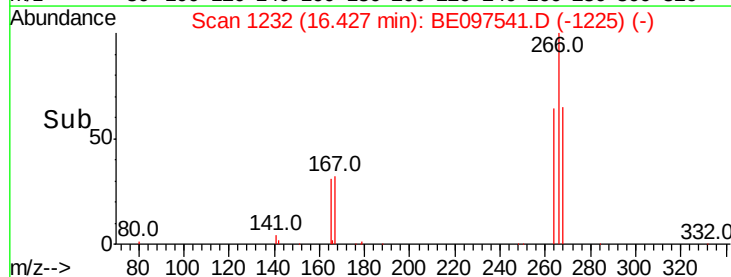
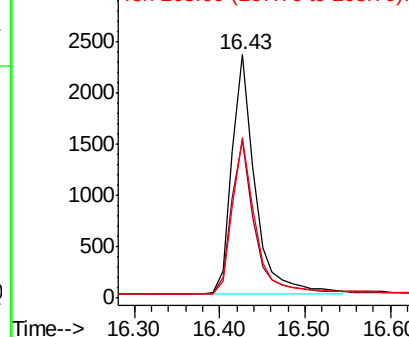


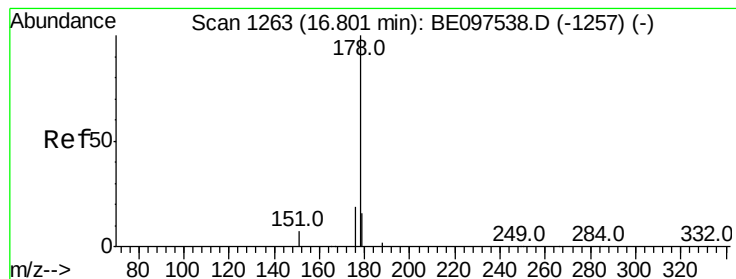
#22
Pentachlorophenol
Concen: 7.925 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:266 Resp: 4382
Ion Ratio Lower Upper
266 100
264 64.6 72.5 108.7#
268 65.8 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.282 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

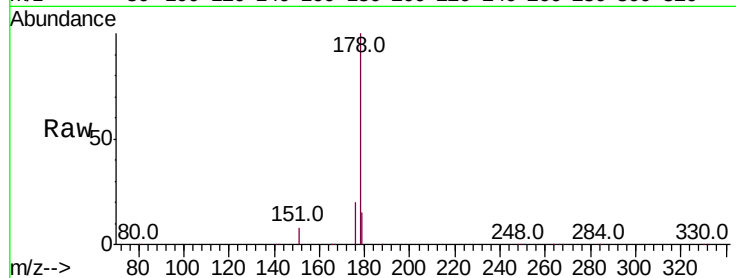
Tot Ion:178 Resp: 48021

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

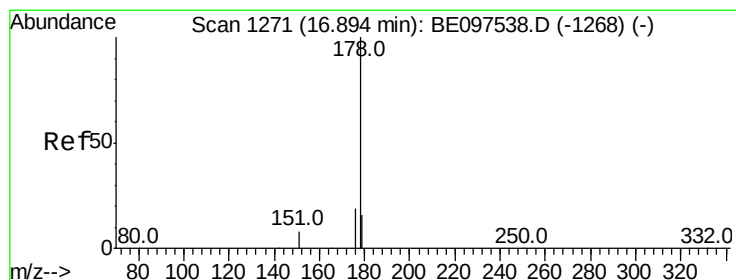
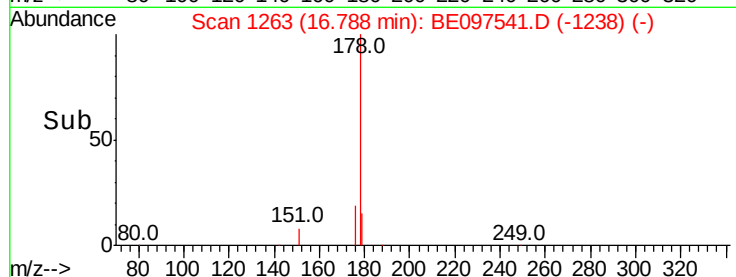
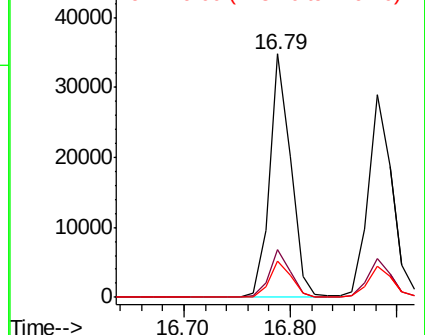
179 15.2 11.8 17.6



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: 3.317 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

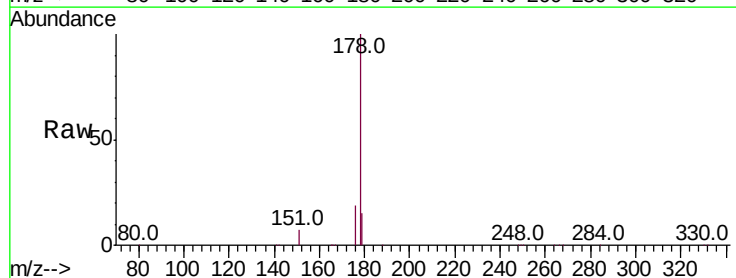
Tgt Ion:178 Resp: 44818

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

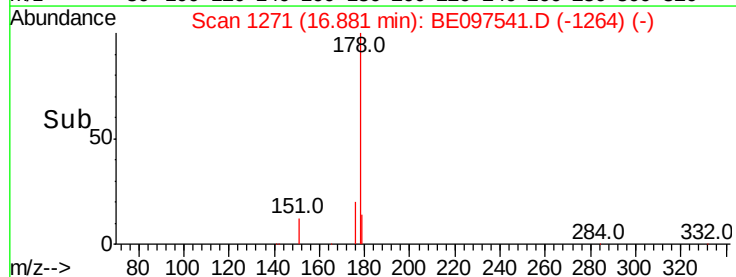
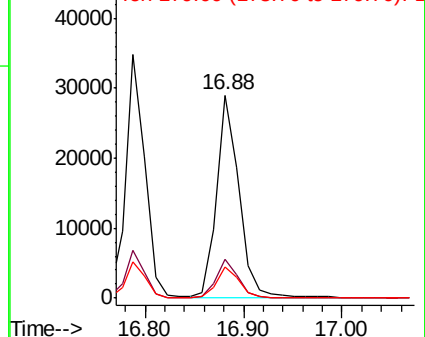
179 15.4 13.0 19.6

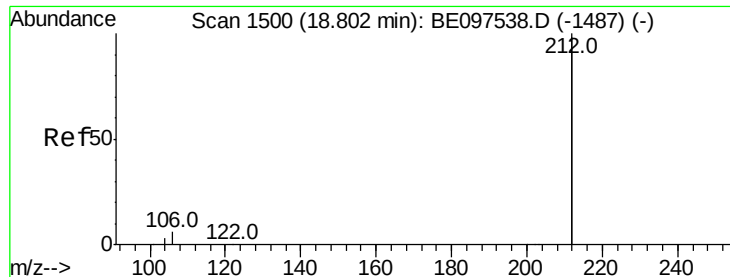


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.376 ng

RT: 18.79 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

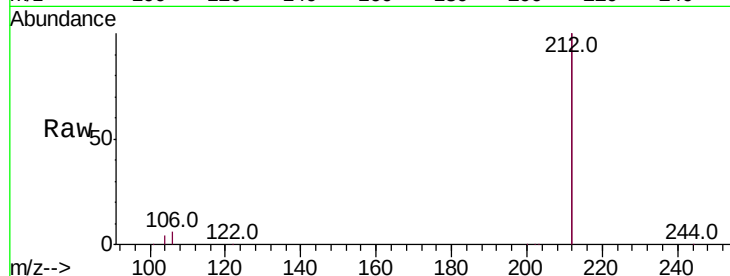
Tot Ion:212 Resp: 252369

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

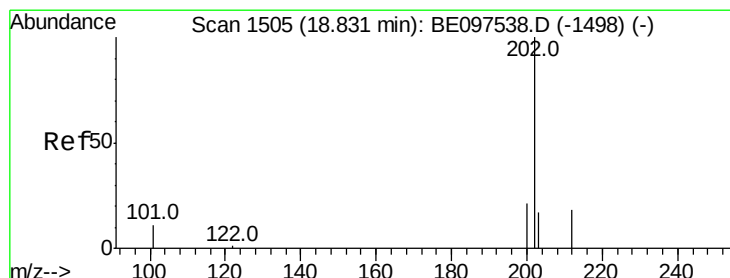
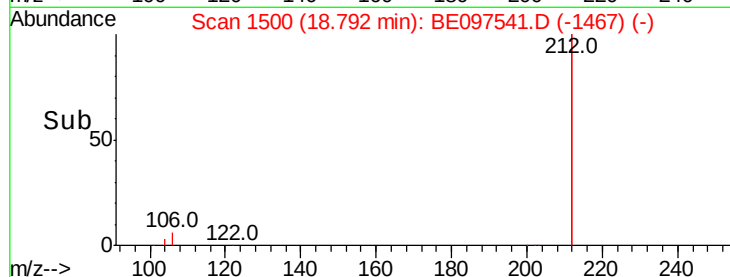
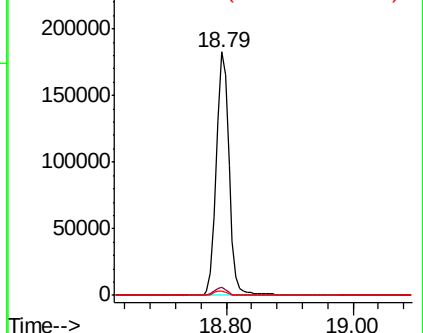
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.497 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

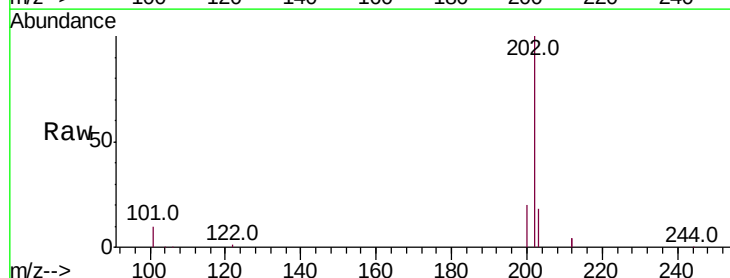
Tgt Ion:202 Resp: 66717

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

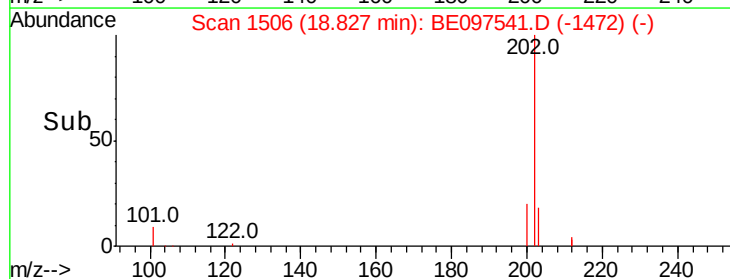
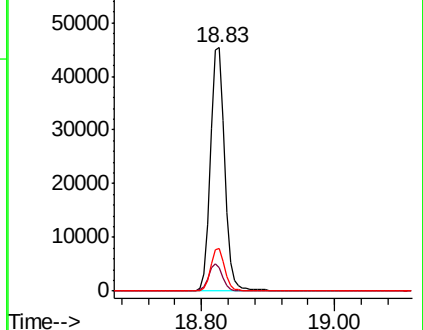
203 17.4 13.7 20.5

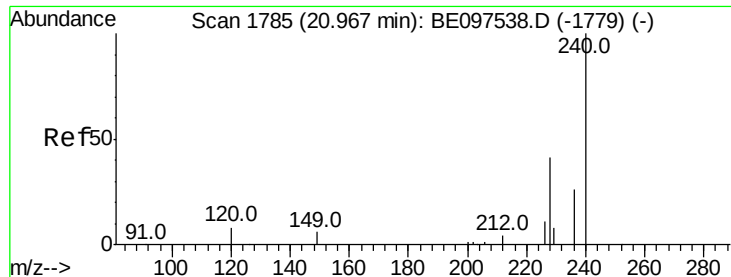


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

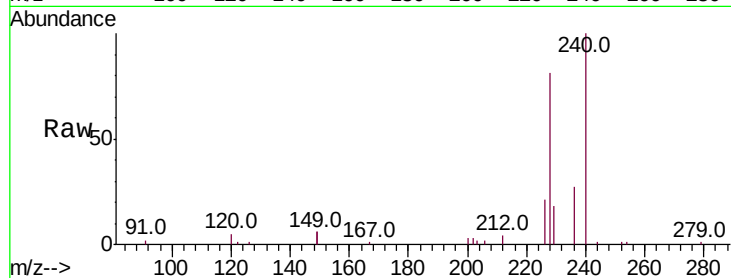
Tot Ion:240 Resp: 9187

Ion Ratio Lower Upper

240 100

120 5.1 5.5 8.3#

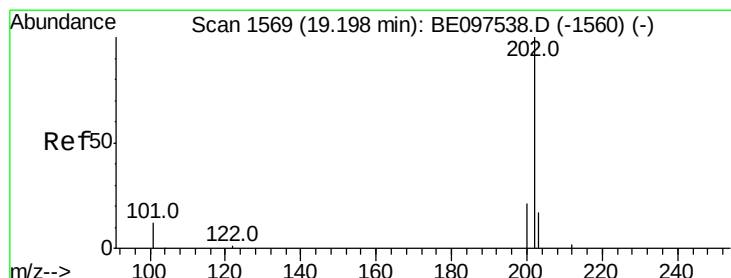
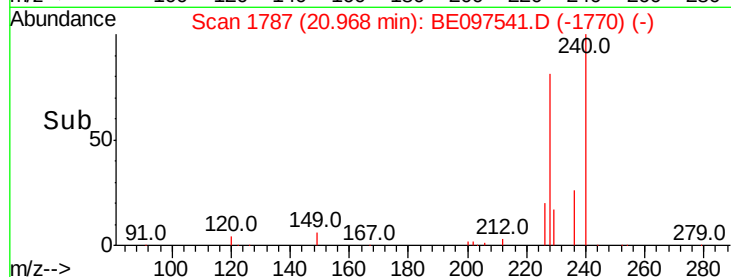
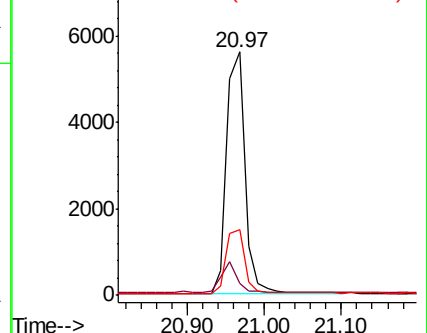
236 26.8 20.7 31.1



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: 2.925 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

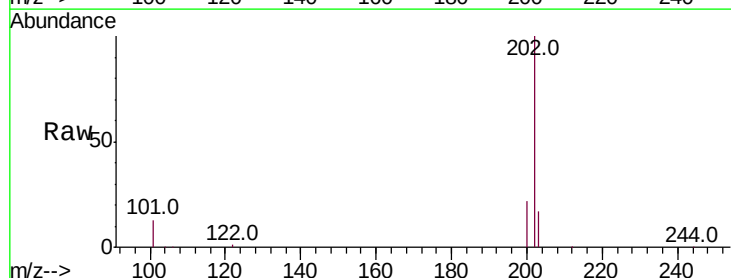
Tgt Ion:202 Resp: 69145

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

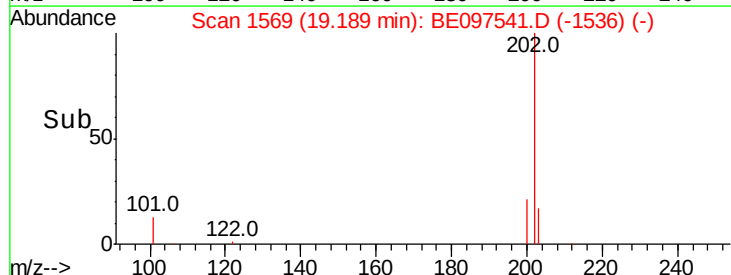
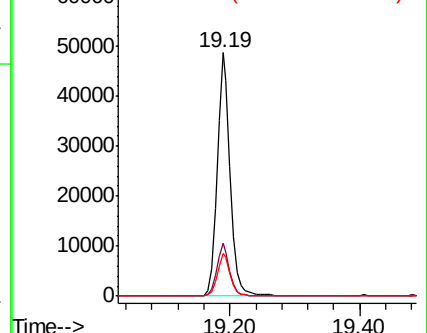
203 17.4 13.8 20.8

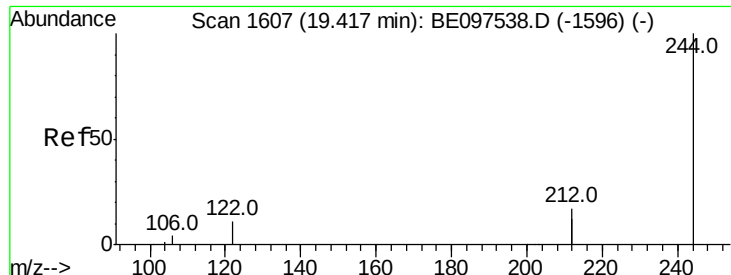


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.068 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampled :

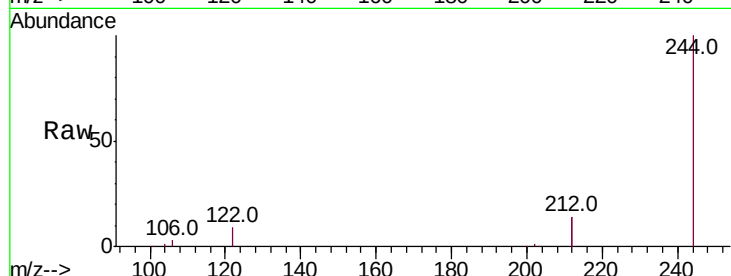
Tot Ion:244 Resp: 53907

Ion Ratio Lower Upper

244 100

212 28.7 25.4 38.0

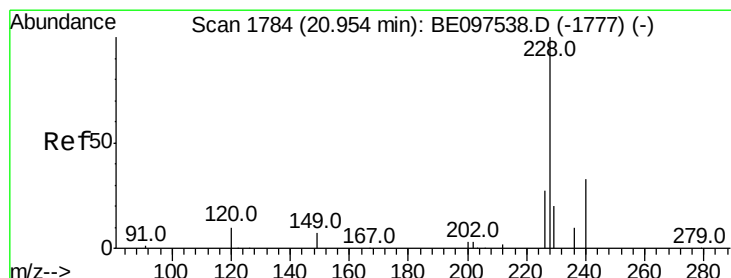
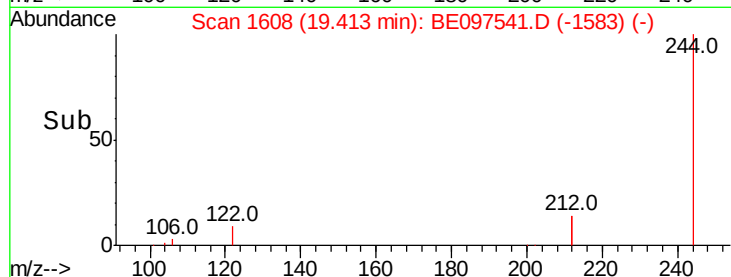
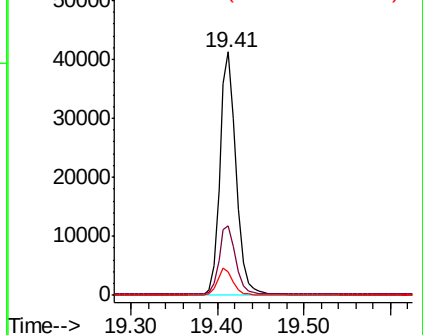
122 9.4 8.1 12.1



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: 3.166 ng

RT: 20.94 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

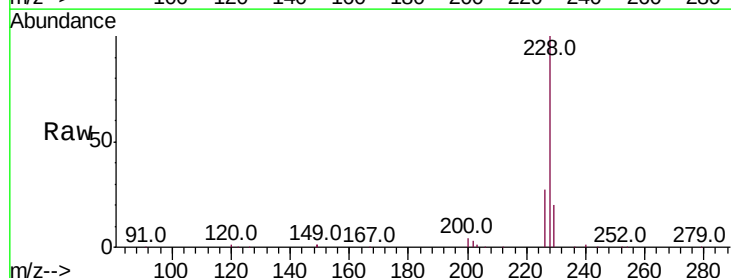
Tgt Ion:228 Resp: 76470

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

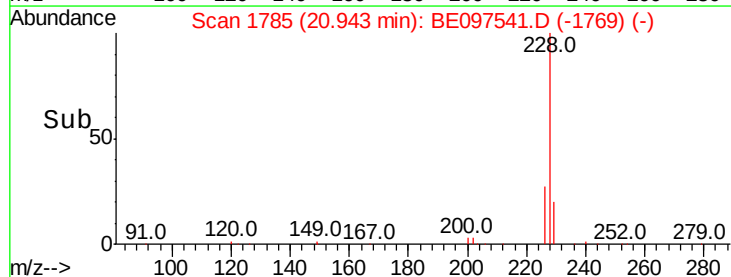
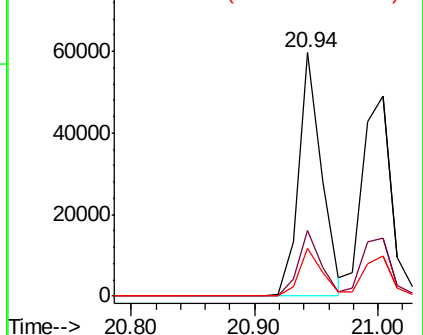
229 19.7 16.0 24.0

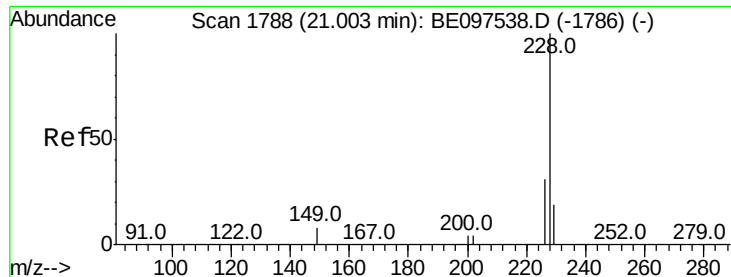


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.217 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

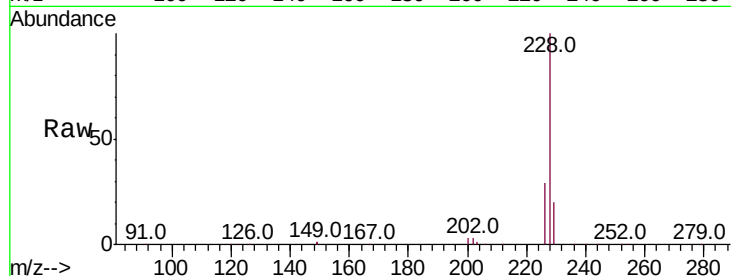
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 79757

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.2	16.0	24.0

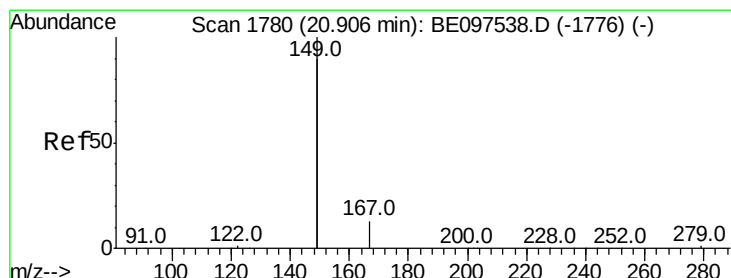
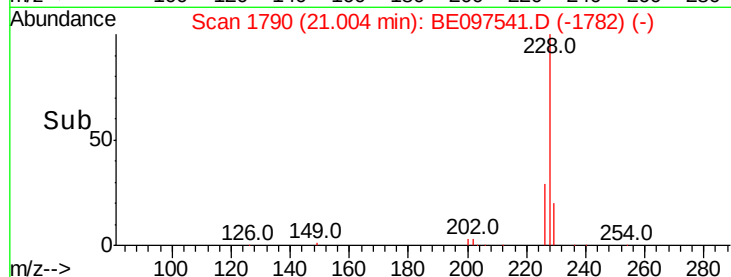
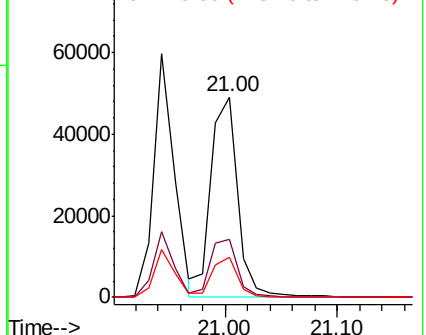


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.475 ng

RT: 20.91 min Scan# 1782

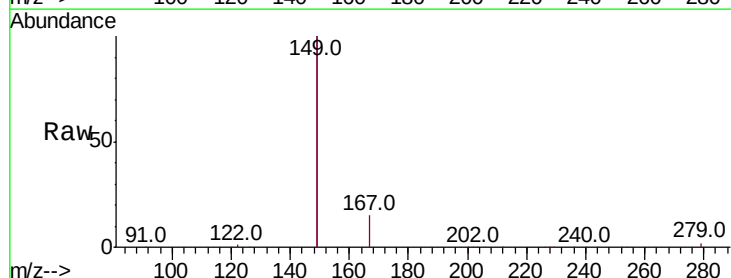
Delta R.T. 0.00 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Tgt Ion:149 Resp: 127070

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.7	1.1#

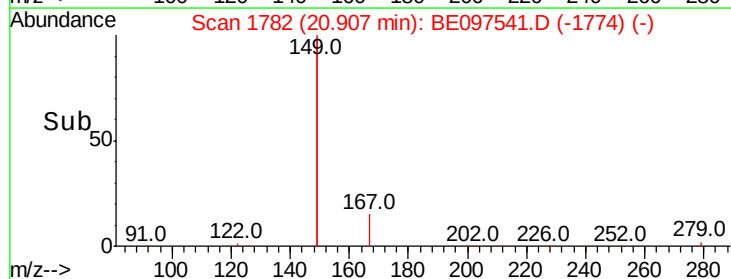
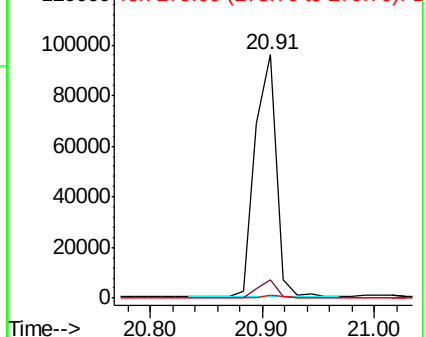


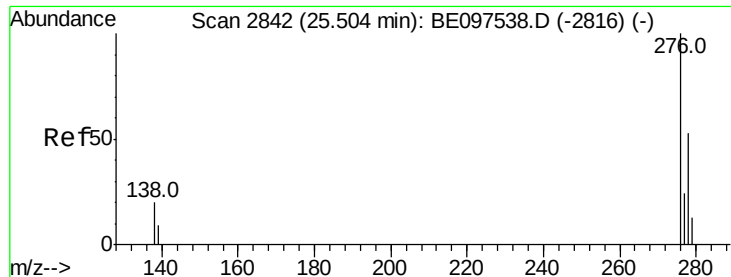
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.095 ng

RT: 25.48 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

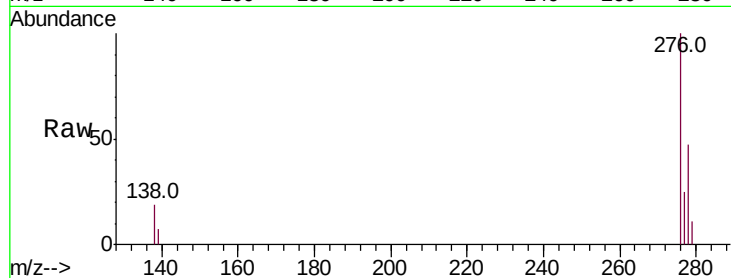
Tot Ion:276 Resp: 91435

Ion Ratio Lower Upper

276 100

138 20.7 22.5 33.7#

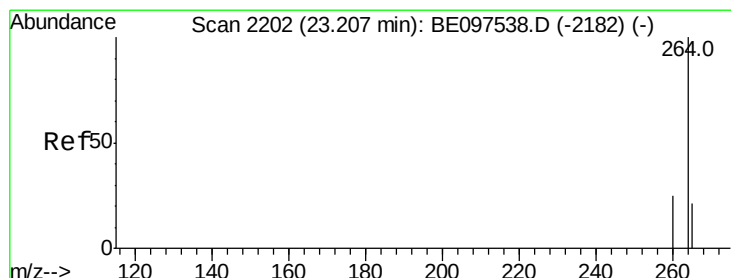
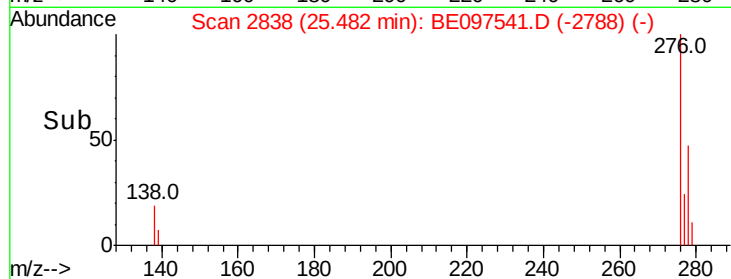
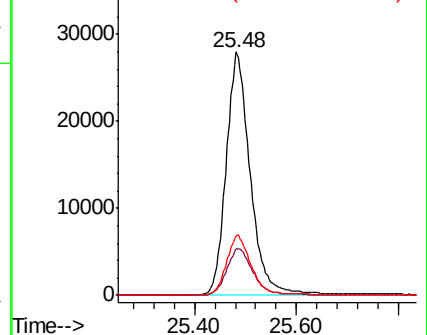
277 25.1 19.9 29.9



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: 23.20 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

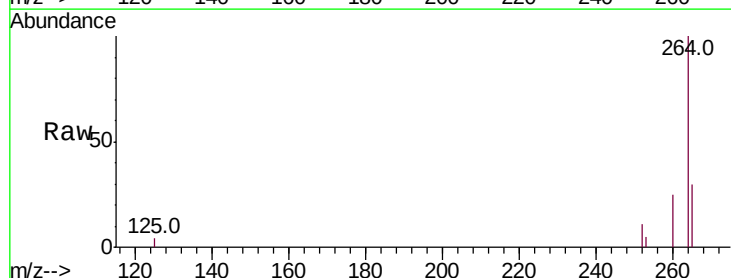
Tgt Ion:264 Resp: 8506

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

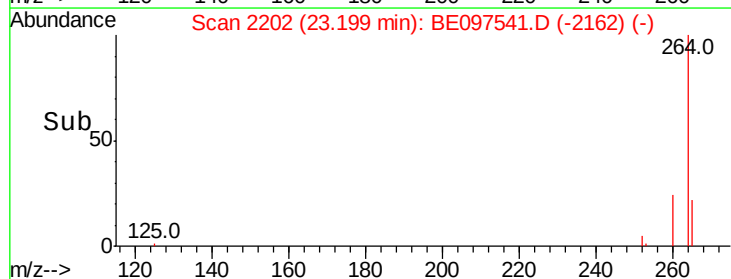
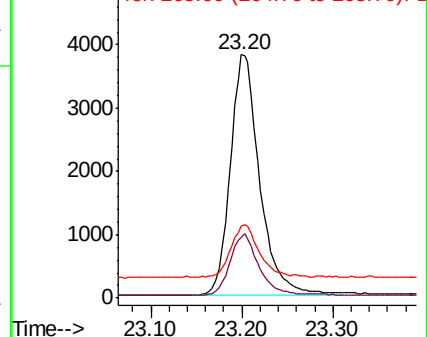
265 29.7 22.8 34.2

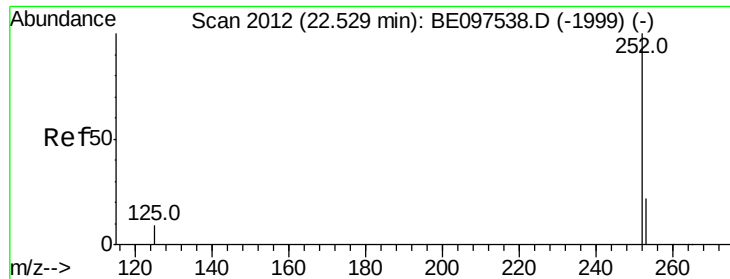


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.412 ng

RT: 22.52 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :

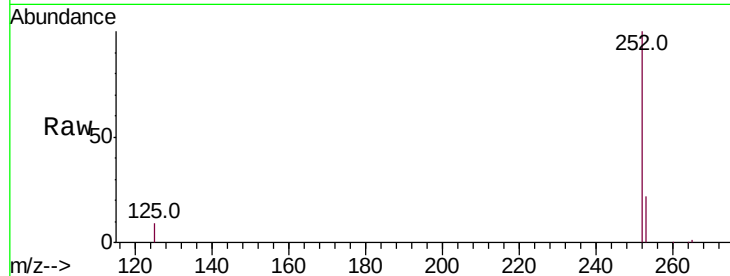
Tot Ion:252 Resp: 74194

Ion Ratio Lower Upper

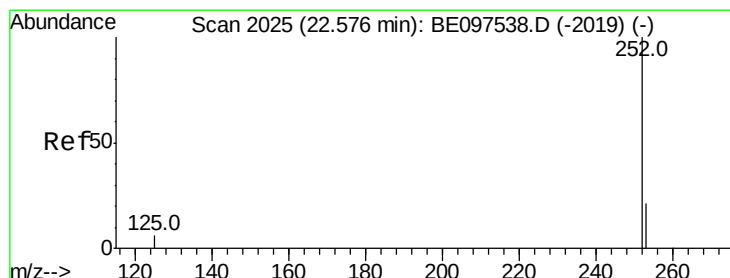
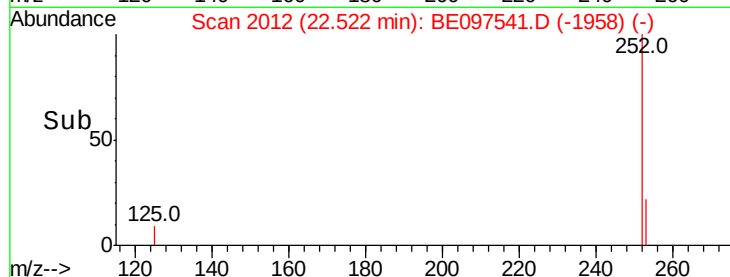
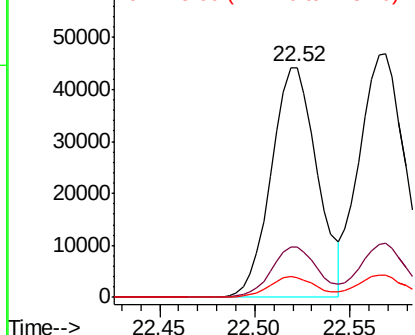
252 100

253 22.0 20.0 30.0

125 8.8 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: 3.443 ng

RT: 22.57 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

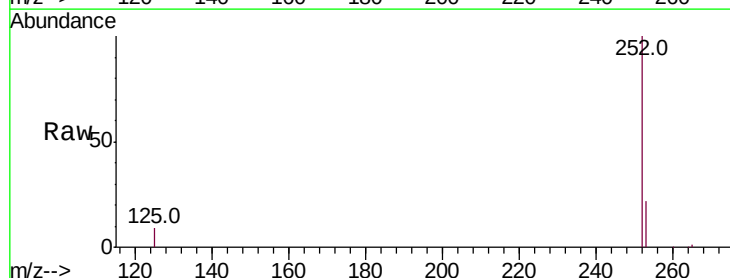
Tgt Ion:252 Resp: 81670

Ion Ratio Lower Upper

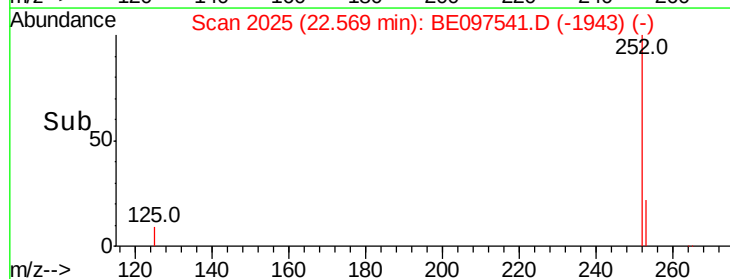
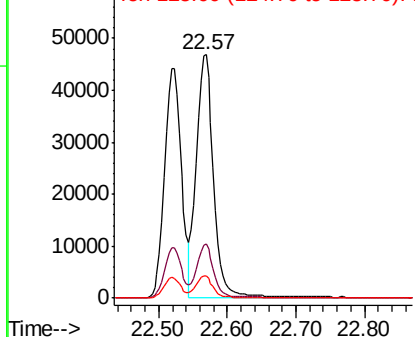
252 100

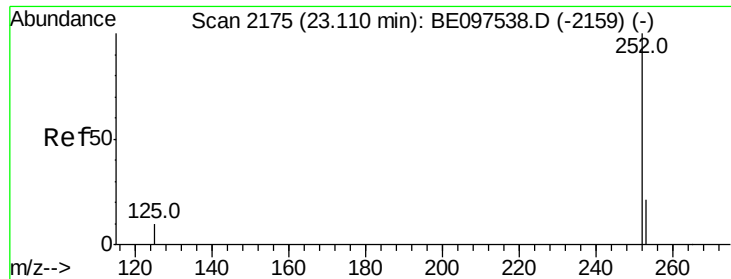
253 22.3 16.0 24.0

125 9.0 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

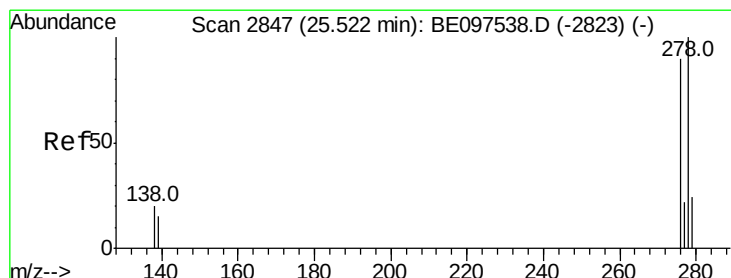
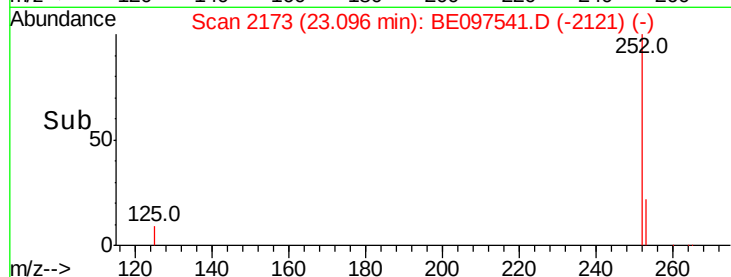
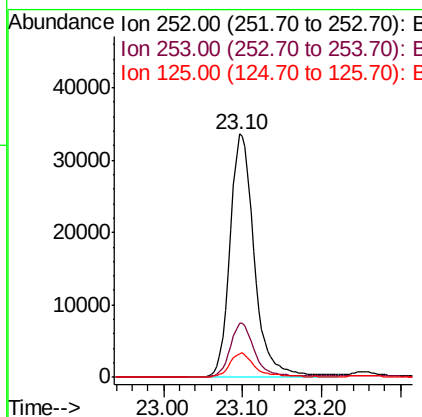
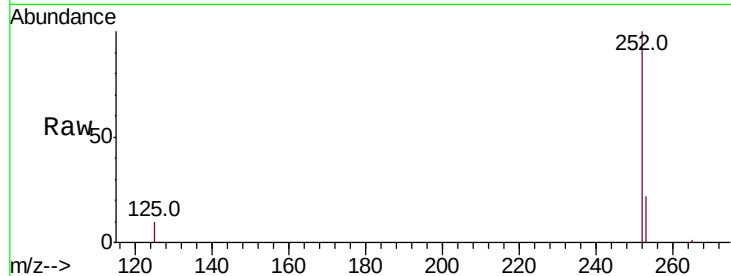




#37
Benzo(a)pyrene
Concen: 3.299 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

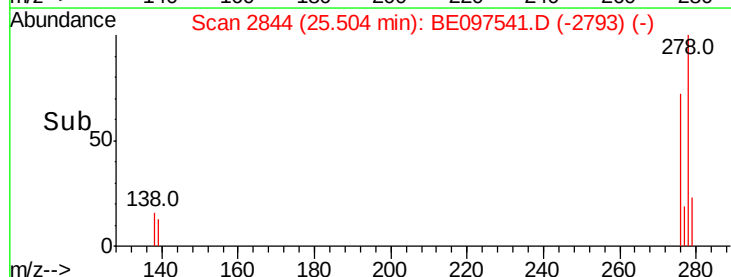
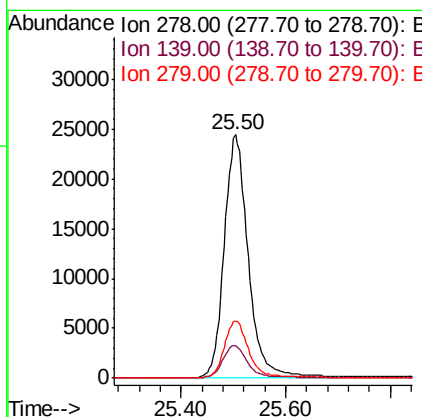
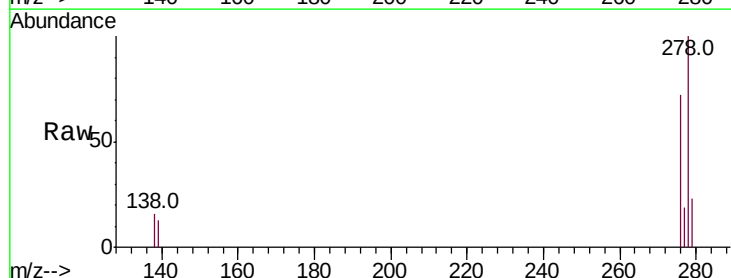
Instrument :
BNA_E
ClientSampleId :

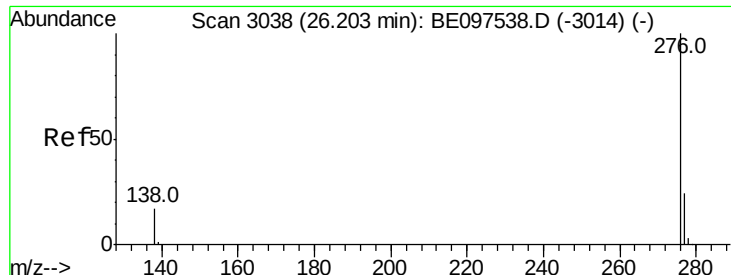
Tot Ion:252 Resp: 71285
Ion Ratio Lower Upper
252 100
253 22.1 16.0 24.0
125 9.6 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 3.442 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BE097541.D
Acq: 19 Sep 2018 15:34

Tgt Ion:278 Resp: 77576
Ion Ratio Lower Upper
278 100
139 13.1 16.0 24.0#
279 23.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.261 ng

RT: 26.18 min Scan# 3034

Delta R.T. -0.02 min

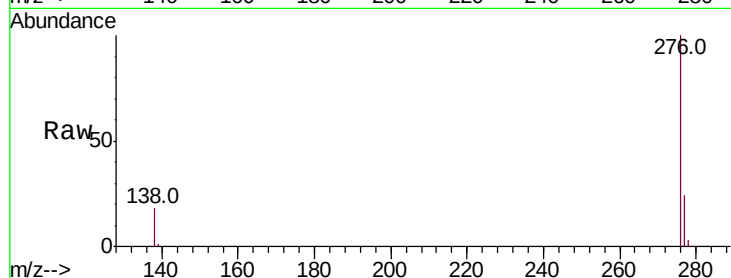
Lab File: BE097541.D

Acq: 19 Sep 2018 15:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 75065

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 18.0 20.0 30.0#

