

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097572.D
 Acq On : 20 Sep 2018 11:48
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 20 12:27:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	714	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3618	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2574	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7447	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8057	0.40	ng	0.00
34) Perylene-d12	23.21	264	7925	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	797	0.37	ng	0.00
5) Phenol-d6	6.61	99	920	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	968	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2147	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	410	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3341	0.37	ng	0.00
25) Fluoranthene-d10	18.80	212	31019	0.33	ng	0.00
29) Terphenyl-d14	19.42	244	6146	0.42	ng	0.00

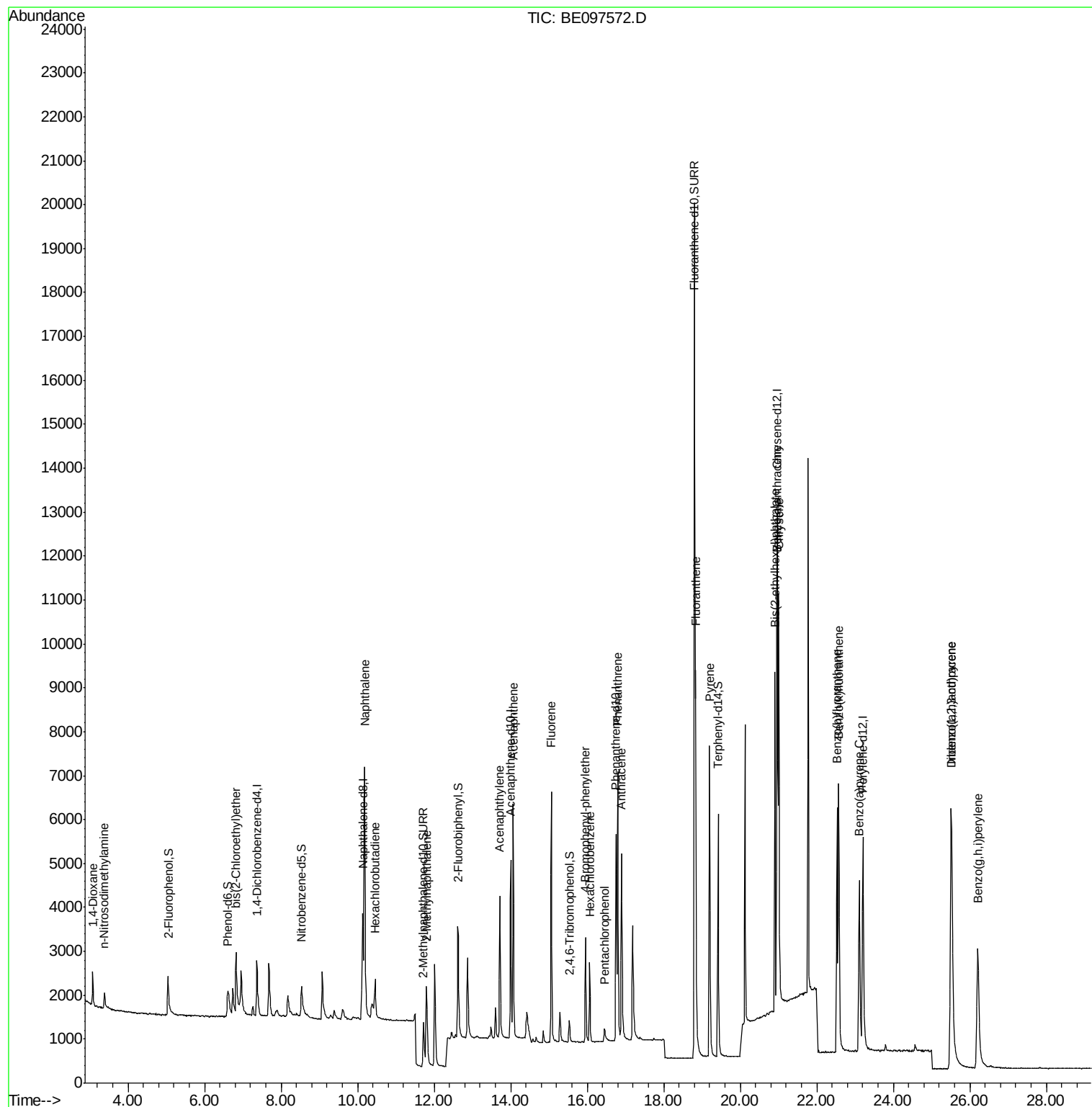
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	453	0.368	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	325	0.317	ng	# 92
6) bis(2-Chloroethyl)ether	6.83	93	841	0.331	ng	86
9) Naphthalene	10.18	128	12886	0.395	ng	99
10) Hexachlorobutadiene	10.46	225	578	0.385	ng	96
12) 2-Methylnaphthalene	11.80	142	2171	0.427	ng	99
16) Acenaphthylene	13.72	152	4013	0.394	ng	99
17) Acenaphthene	14.06	154	2714	0.398	ng	96
18) Fluorene	15.06	166	3689	0.415	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1357	0.404	ng	# 84
21) Hexachlorobenzene	16.07	284	1541	0.417	ng	# 84
22) Pentachlorophenol	16.45	266	306	0.315	ng	# 83
23) Phenanthrene	16.80	178	6943	0.393	ng	99
24) Anthracene	16.89	178	5689	0.364	ng	95
26) Fluoranthene	18.83	202	8109	0.331	ng	98
28) Pyrene	19.20	202	8300	0.453	ng	99
30) Benzo(a)anthracene	20.95	228	7361	0.363	ng	97
31) Chrysene	21.00	228	8898	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	9511	0.290	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9840	0.376	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	7813	0.385	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8973	0.387	ng	94
37) Benzo(a)pyrene	23.11	252	7632	0.388	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8211	0.385	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	7838	0.378	ng	# 89

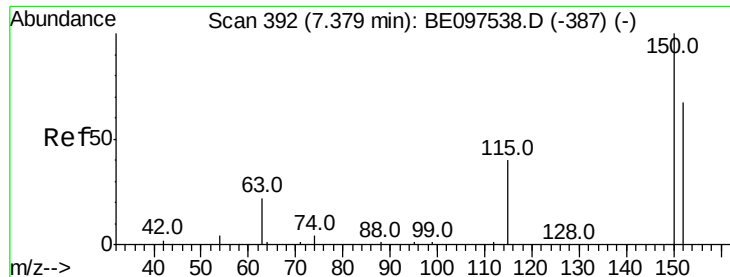
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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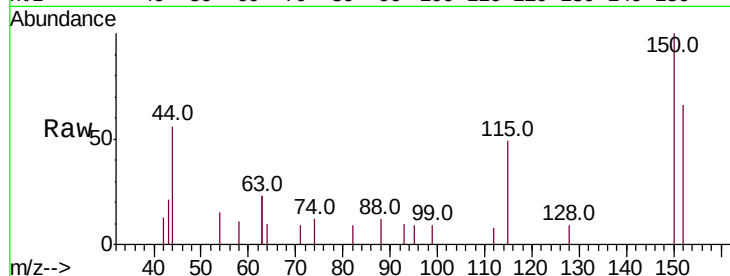


#1

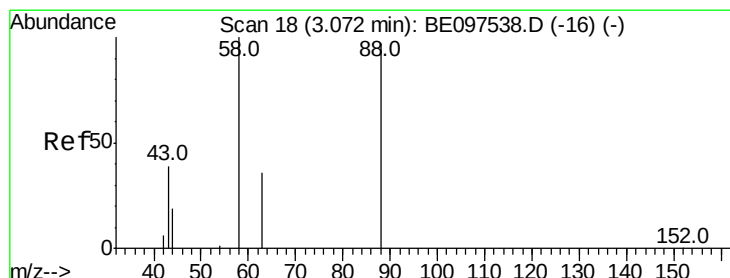
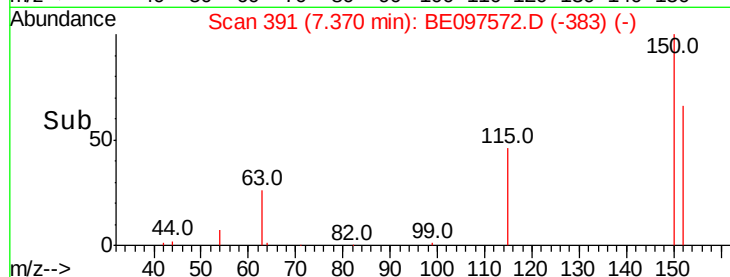
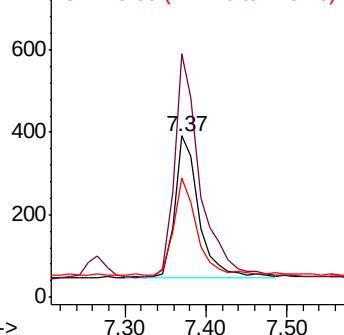
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
150 151.2 117.2 175.8
115 74.4 57.0 85.6



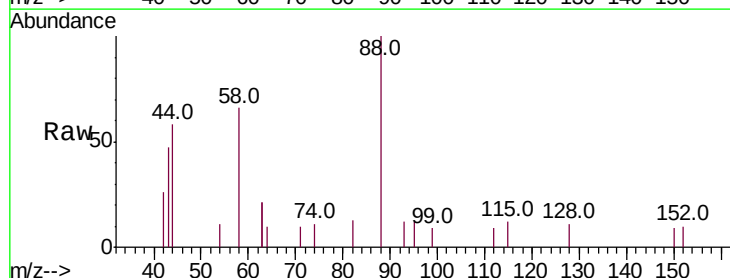
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



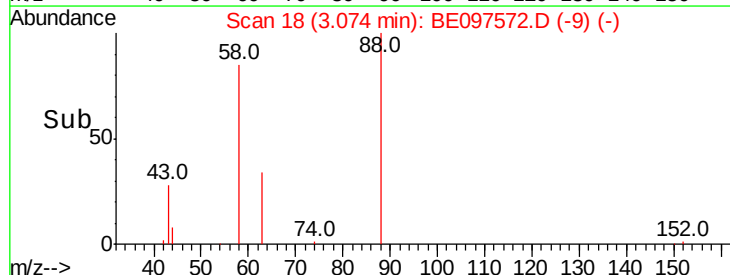
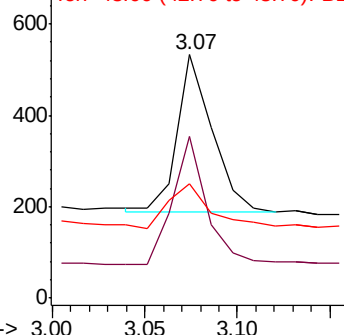
#2

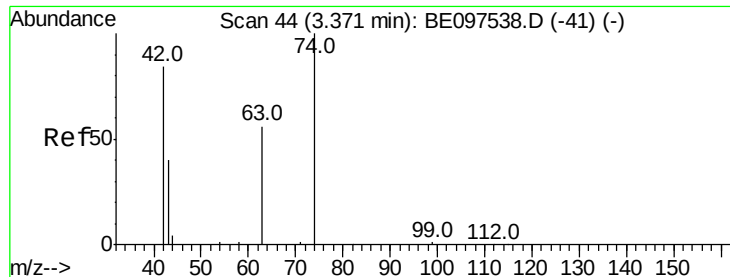
1,4-Dioxane
Concen: 0.368 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

Tgt Ion: 88 Resp: 453
Ion Ratio Lower Upper
88 100
58 79.0 63.2 94.8
43 28.9 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: 0.317 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

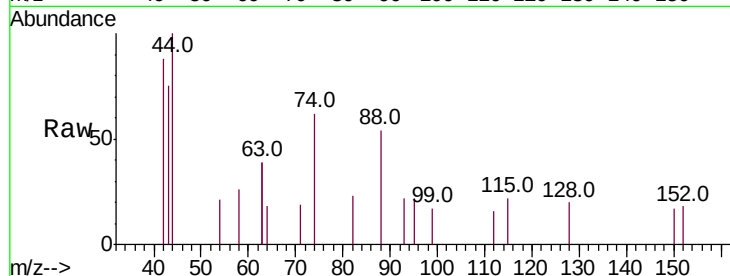
Tot Ion: 42 Resp: 325

Ion Ratio Lower Upper

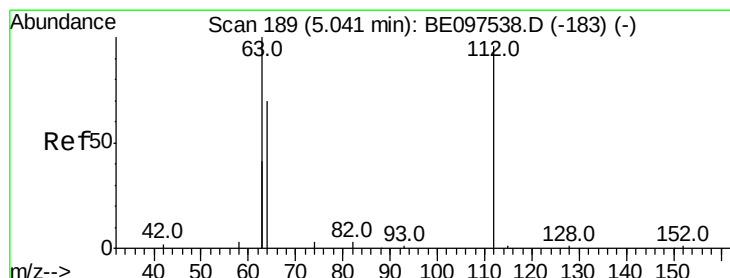
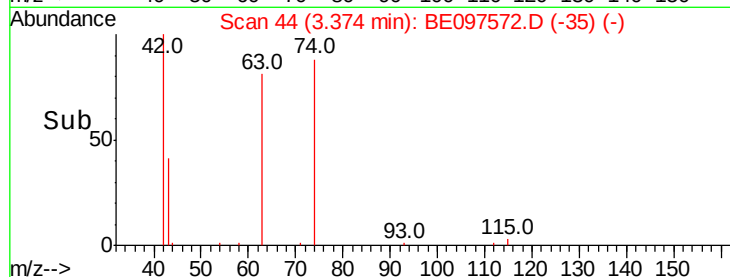
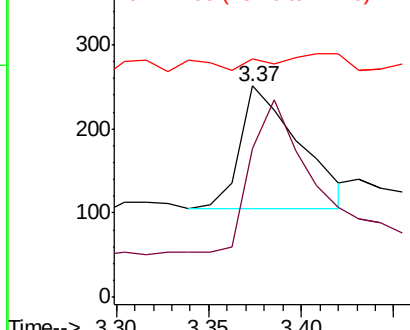
42 100

74 124.6 96.0 144.0

44 0.0 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: 0.372 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

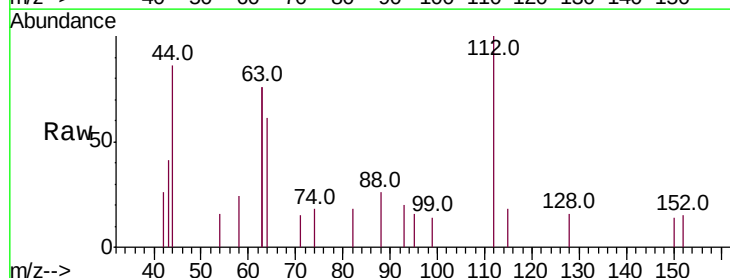
Tgt Ion: 112 Resp: 797

Ion Ratio Lower Upper

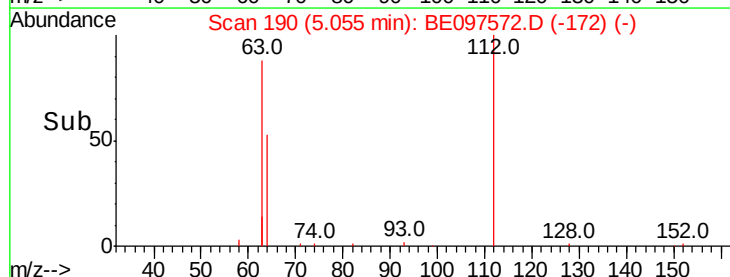
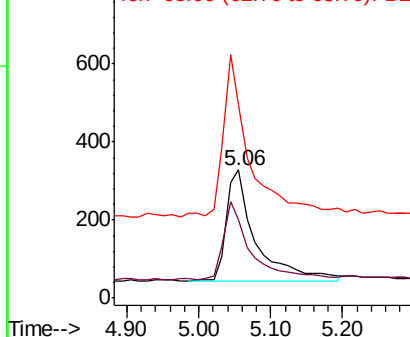
112 100

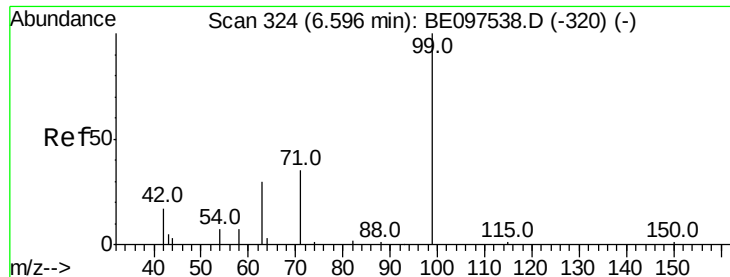
64 66.8 60.1 90.1

63 140.7 116.8 175.2



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: 0.336 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

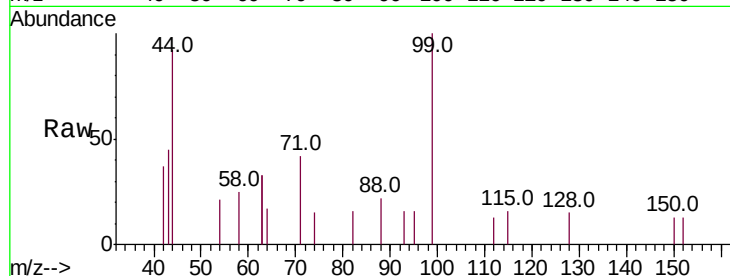
Tot Ion: 99 Resp: 920

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

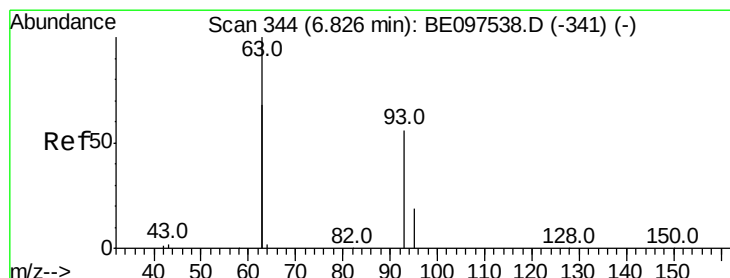
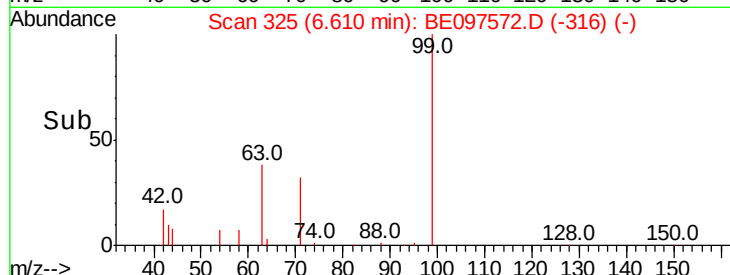
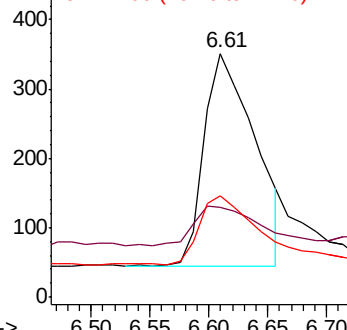
71 33.8 28.4 42.6



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: 0.331 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

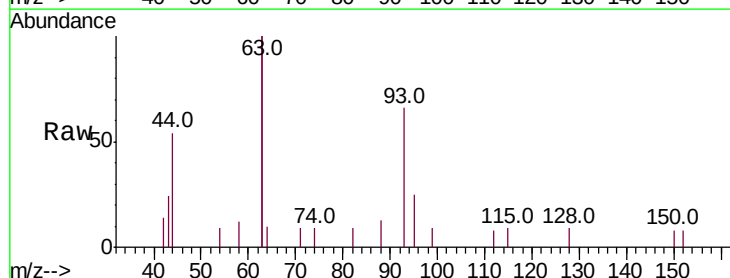
Tgt Ion: 93 Resp: 841

Ion Ratio Lower Upper

93 100

63 311.4 275.3 412.9

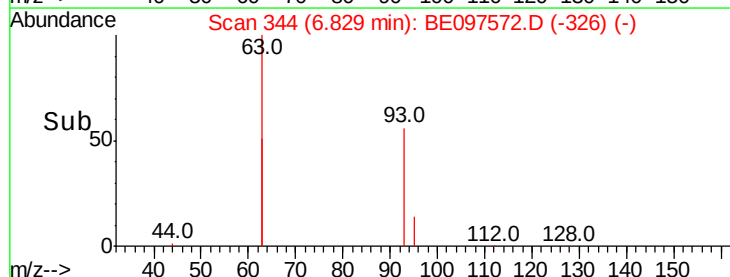
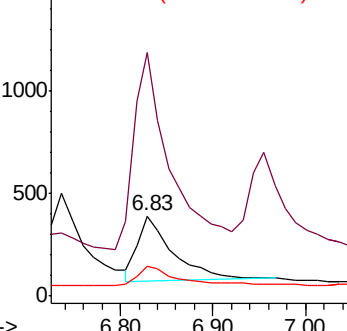
95 33.4 25.2 37.8

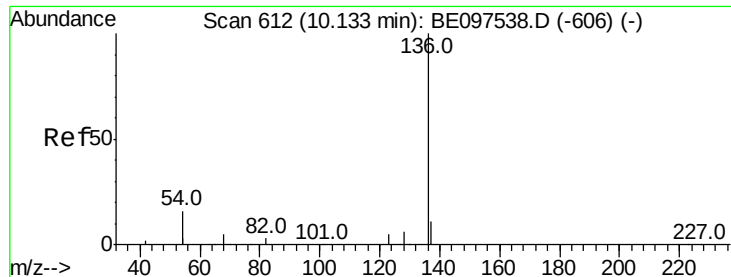


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3618

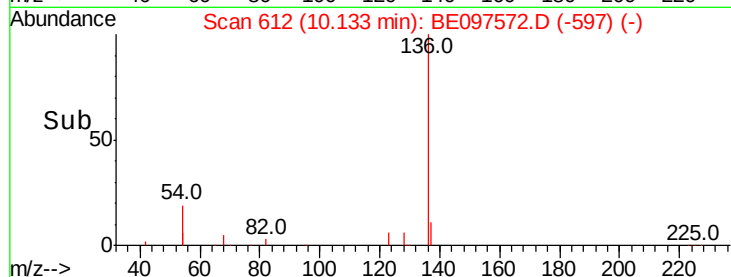
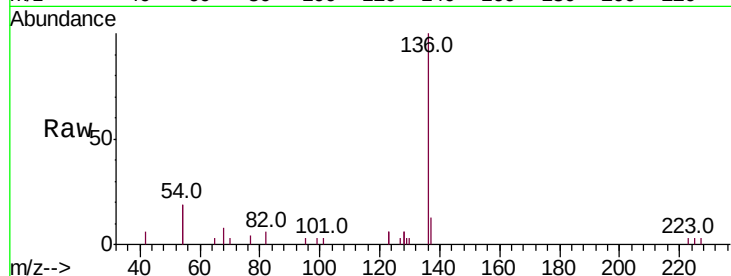
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 37.6 29.1 43.7

68 8.0 6.2 9.2

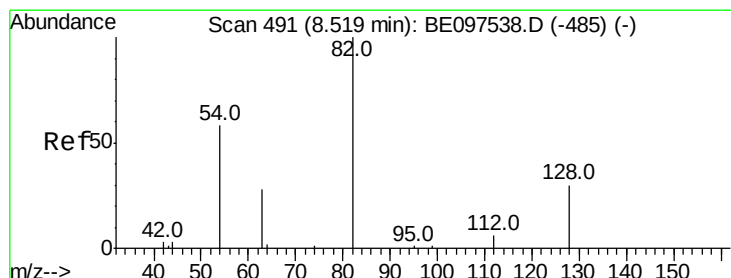
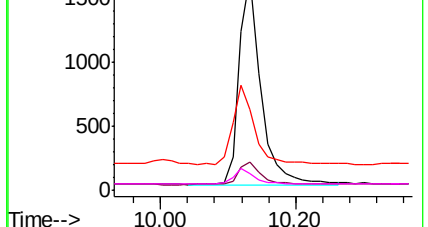


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

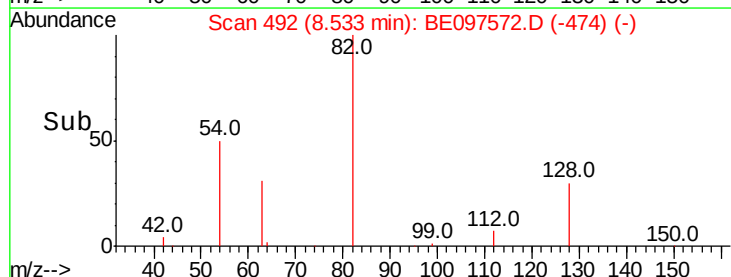
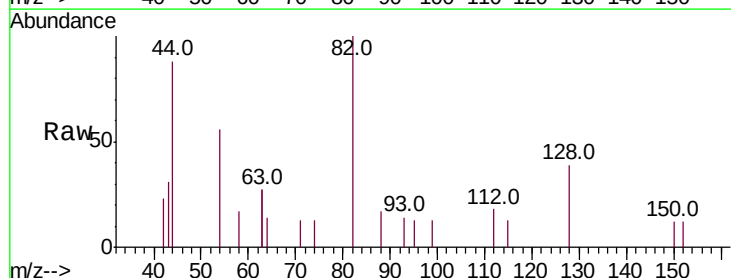
Tgt Ion: 82 Resp: 968

Ion Ratio Lower Upper

82 100

128 39.3 24.0 36.0#

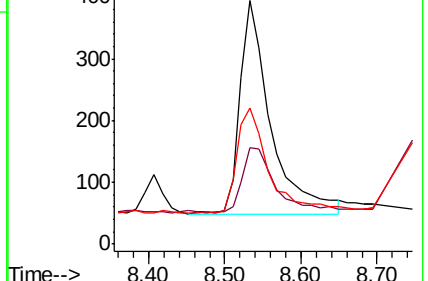
54 56.1 40.0 60.0

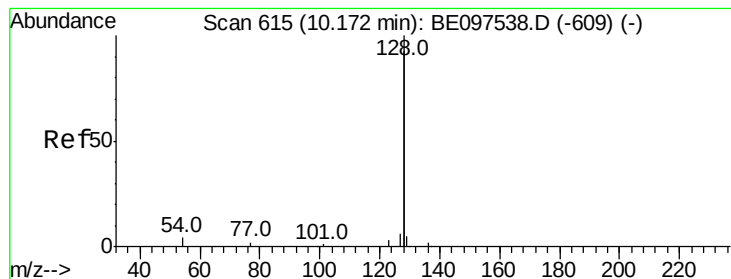


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

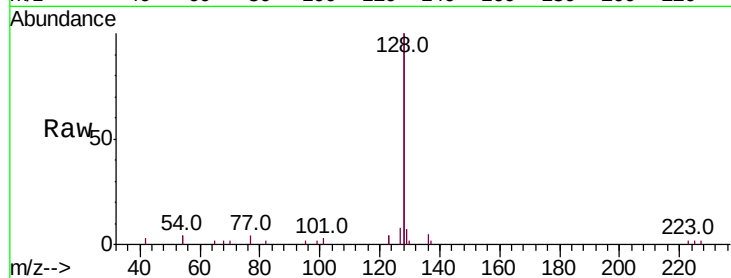
Tot Ion:128 Resp: 12886

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

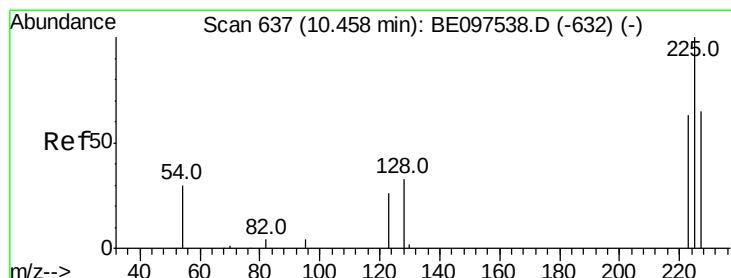
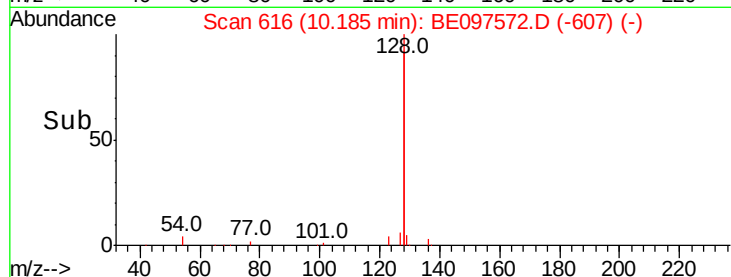
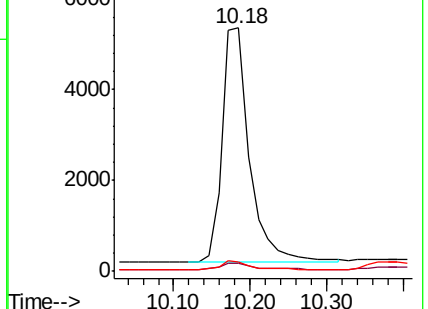
127 3.8 2.8 4.2



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: 0.385 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

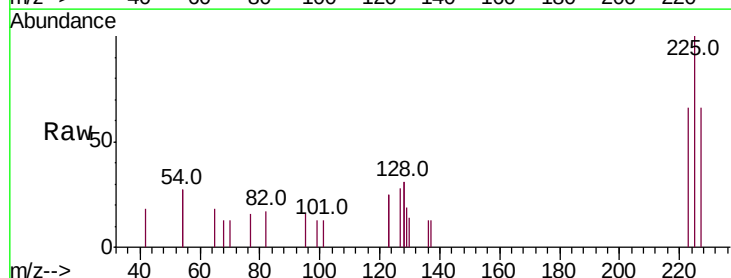
Tgt Ion:225 Resp: 578

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

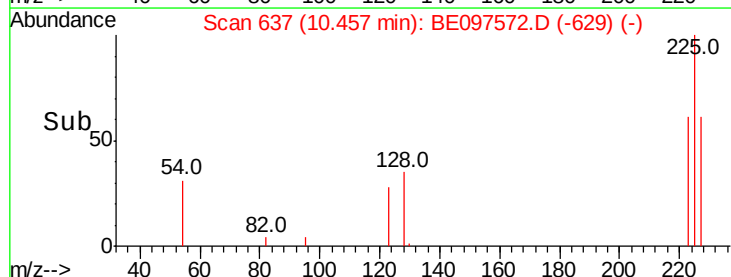
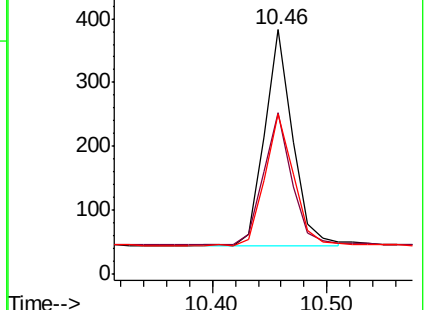
227 62.5 51.4 77.2

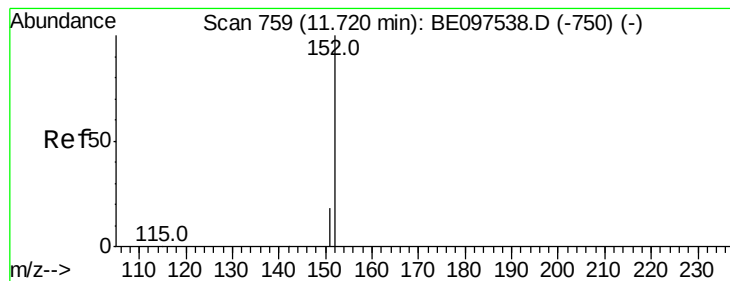


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.431 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

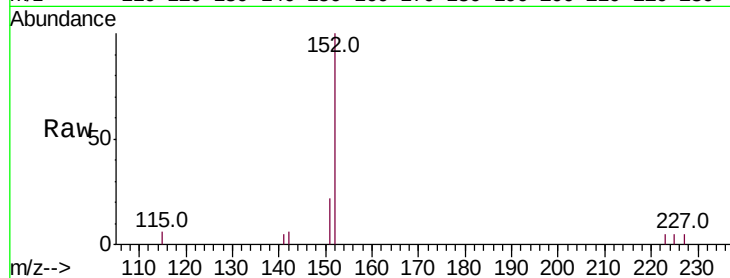
SSTDCCC0.4EC

Tot Ion:152 Resp: 2147

Ion Ratio Lower Upper

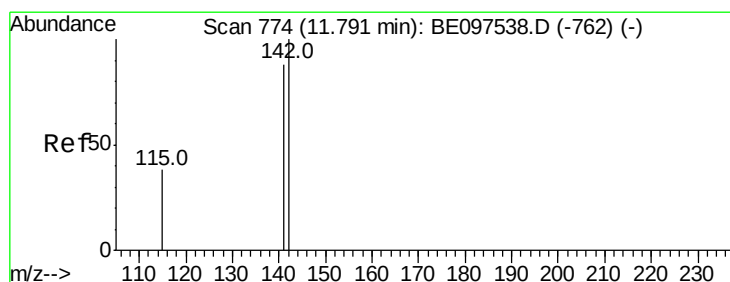
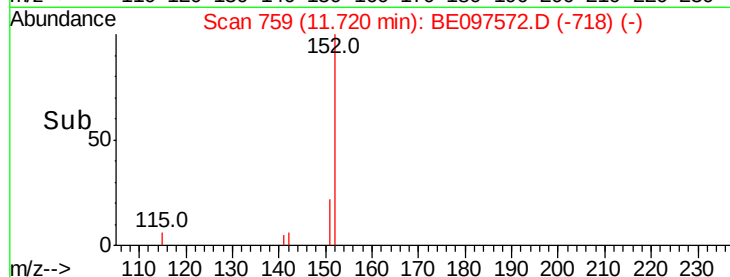
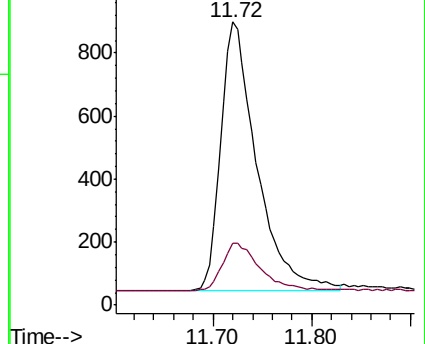
152 100

151 17.5 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: 0.427 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.01 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

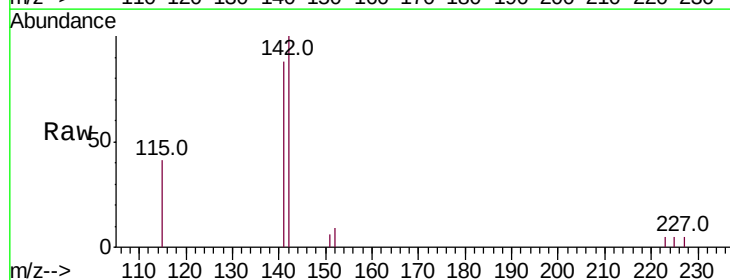
Tgt Ion:142 Resp: 2171

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

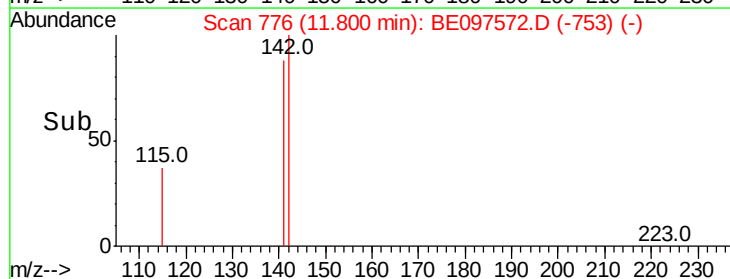
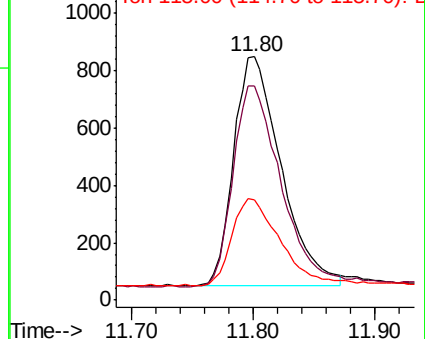
115 41.2 31.7 47.5

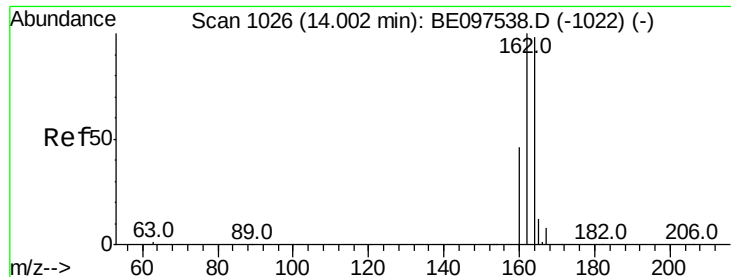


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

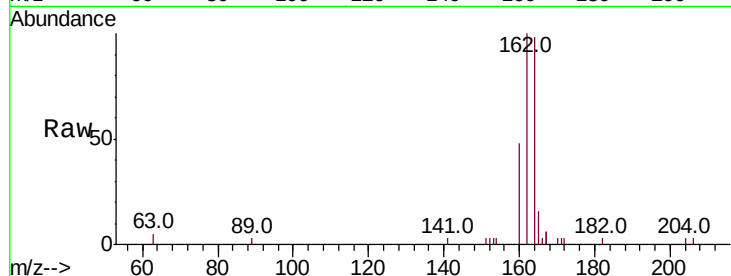
Tot Ion:164 Resp: 2574

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

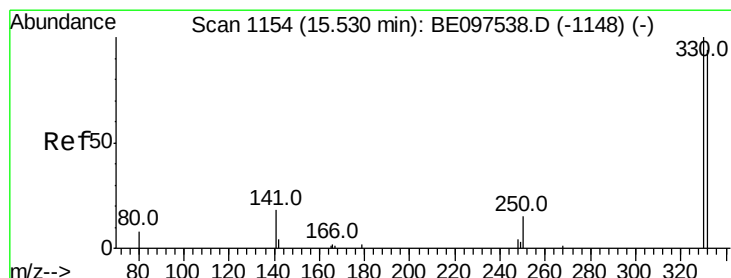
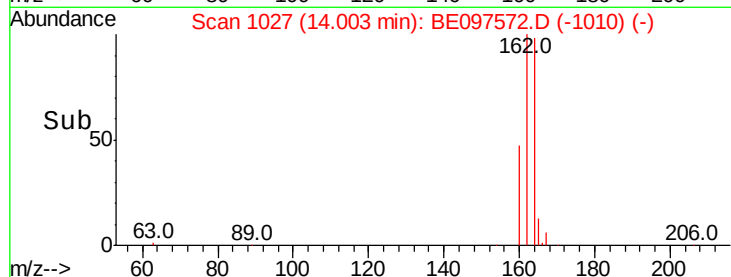
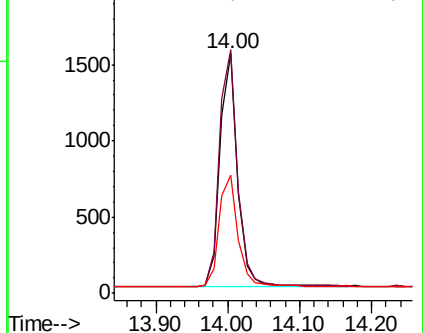
160 49.2 37.1 55.7



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: 0.420 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

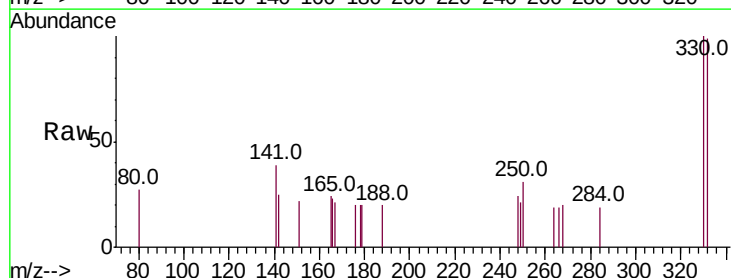
Tgt Ion:330 Resp: 410

Ion Ratio Lower Upper

330 100

332 92.4 152.7 229.1#

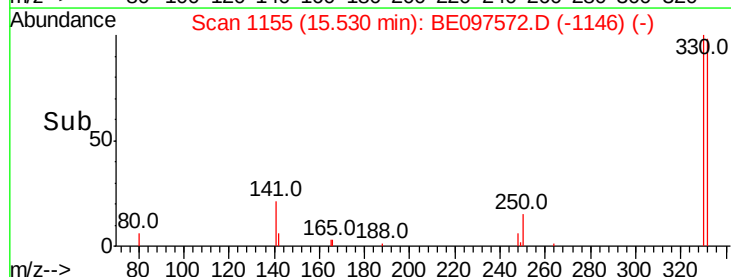
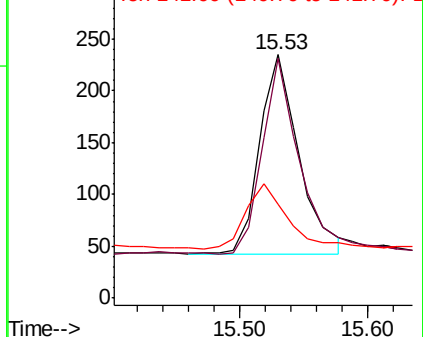
141 33.2 33.7 50.5#

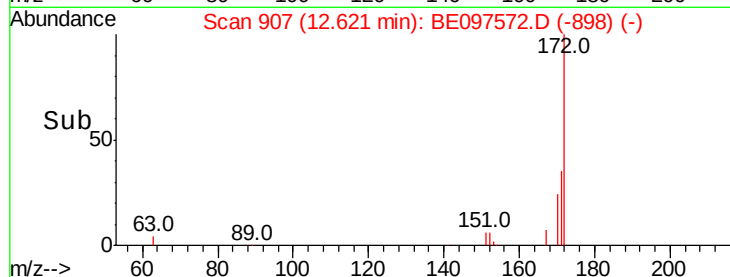
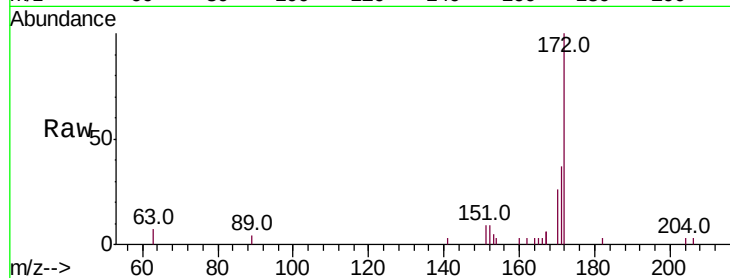
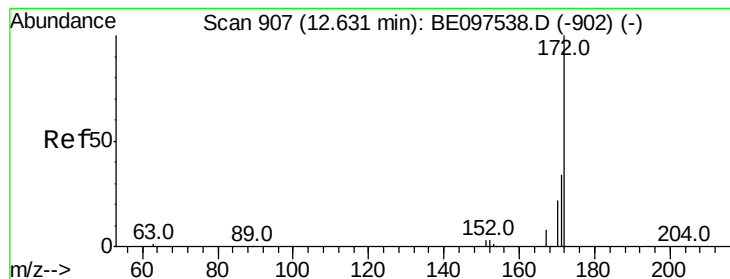


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.367 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

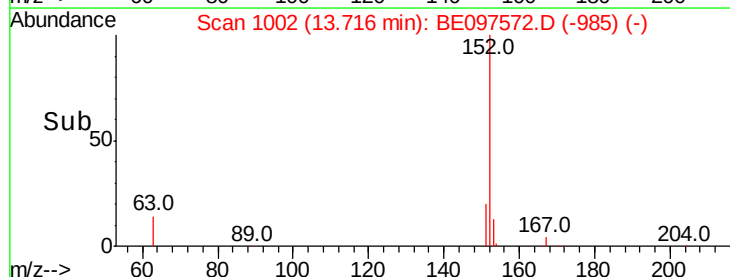
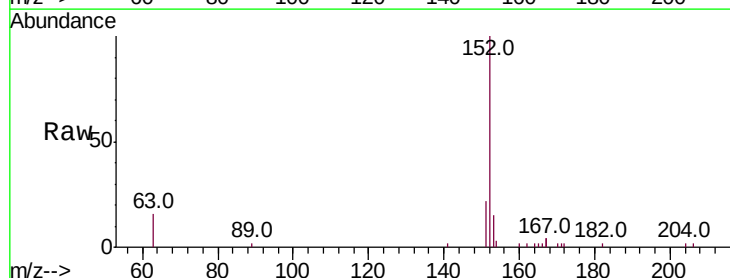
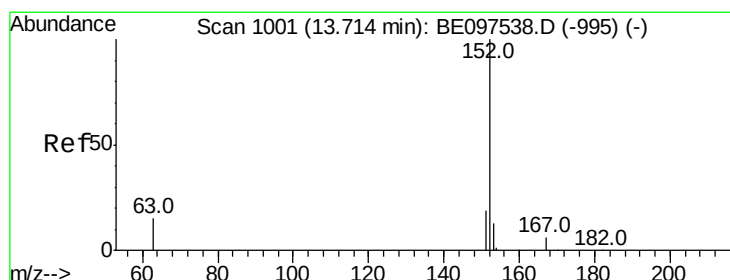
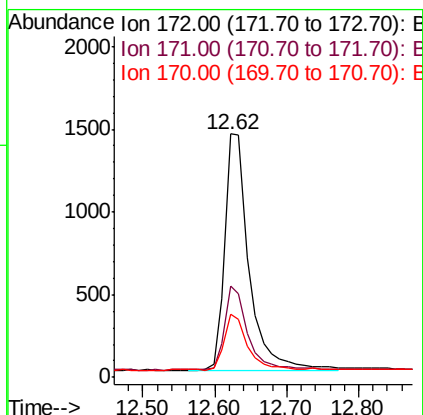
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:172 Resp: 3341

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	25.9	21.8	32.8



#16

Acenaphthylene

Concen: 0.394 ng

RT: 13.72 min Scan# 1002

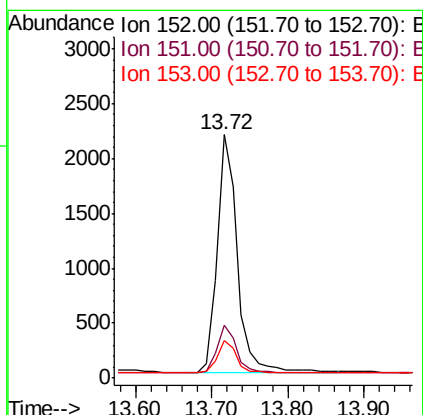
Delta R.T. 0.00 min

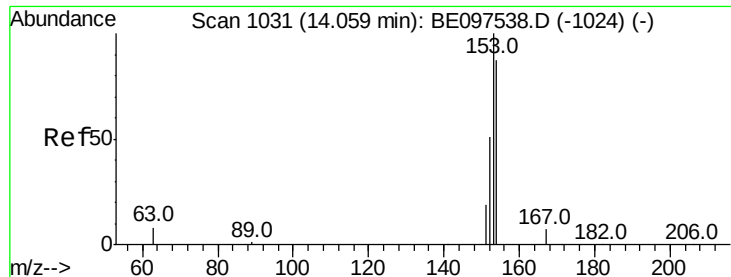
Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Tgt Ion:152 Resp: 4013

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.5	10.5	15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

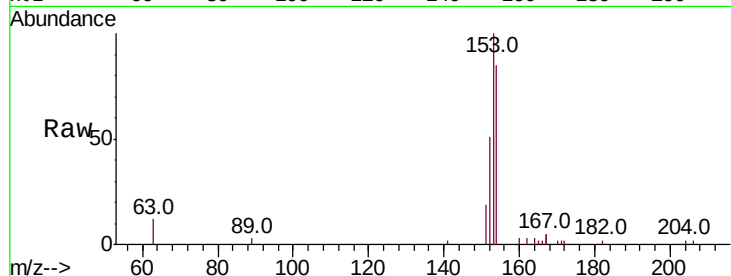
Tot Ion:154 Resp: 2714

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

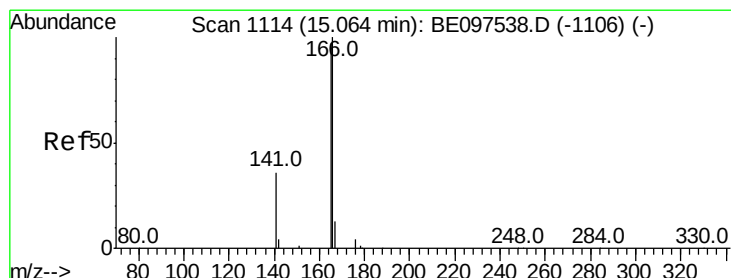
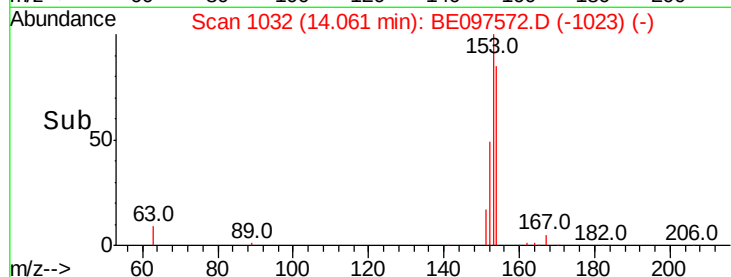
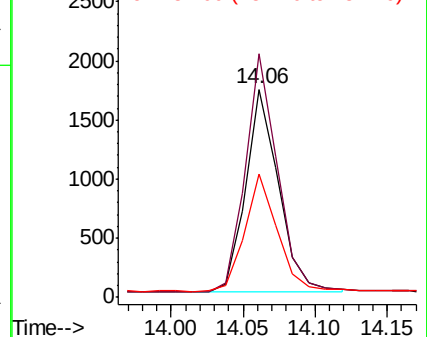
152 57.6 42.0 63.0



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: 0.415 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

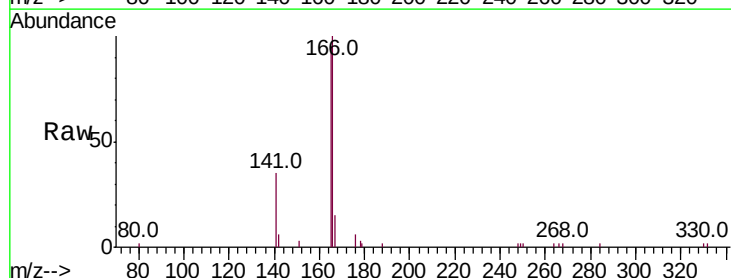
Tgt Ion:166 Resp: 3689

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

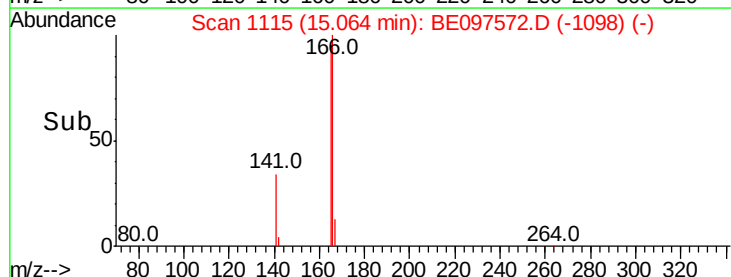
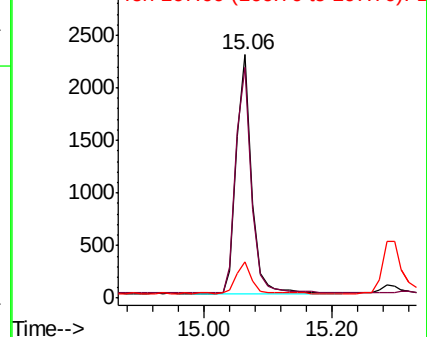
167 13.4 42.4 63.6#

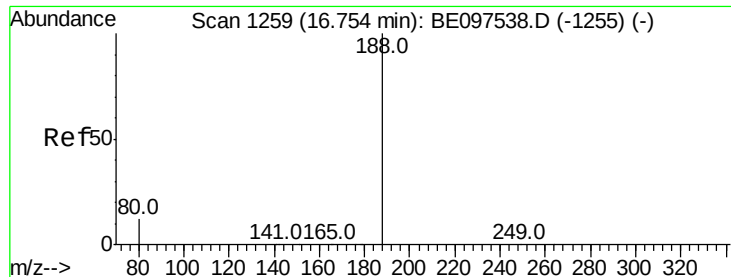


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

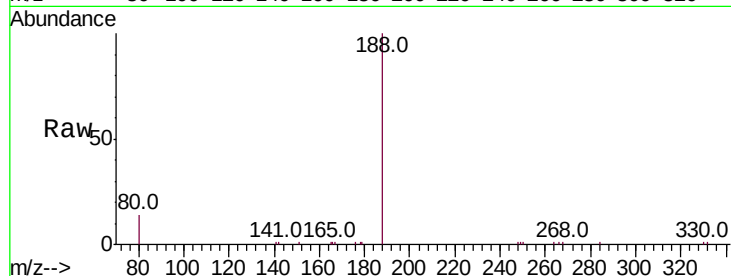
Tot Ion:188 Resp: 7447

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

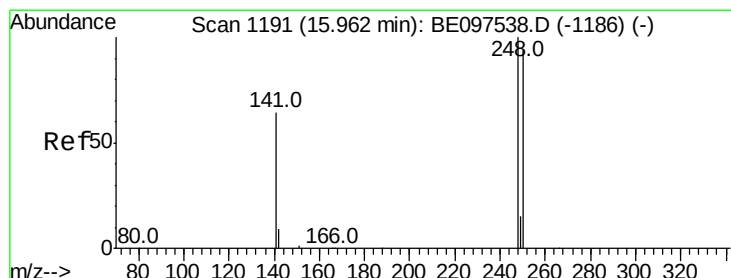
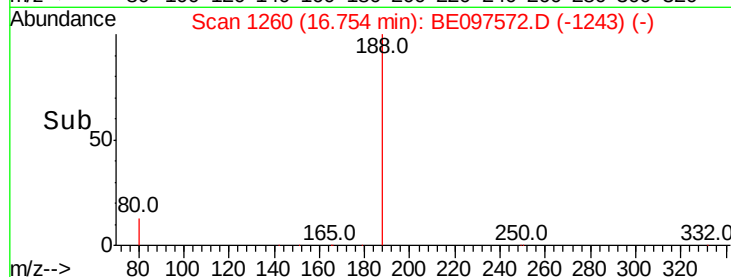
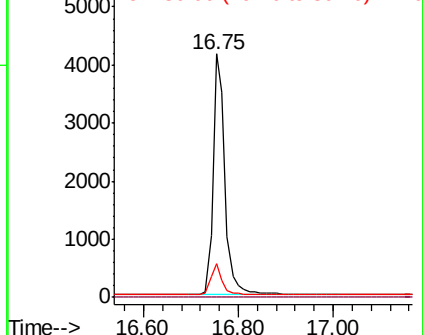
80 14.0 3.6 5.4#



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: 0.404 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

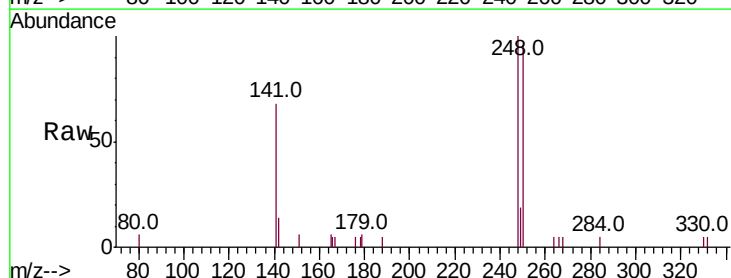
Tgt Ion:248 Resp: 1357

Ion Ratio Lower Upper

248 100

250 96.0 62.7 94.1#

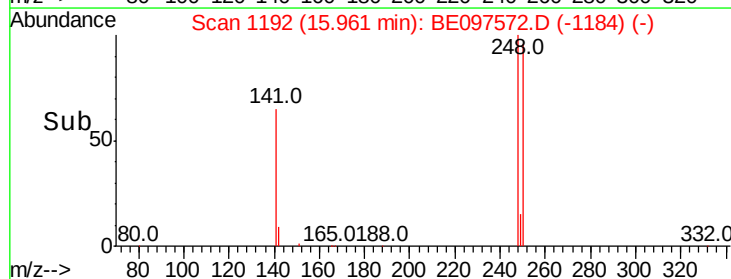
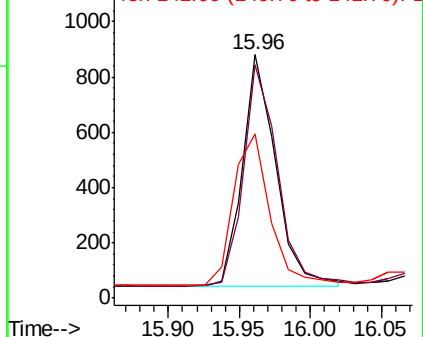
141 67.7 48.2 72.2

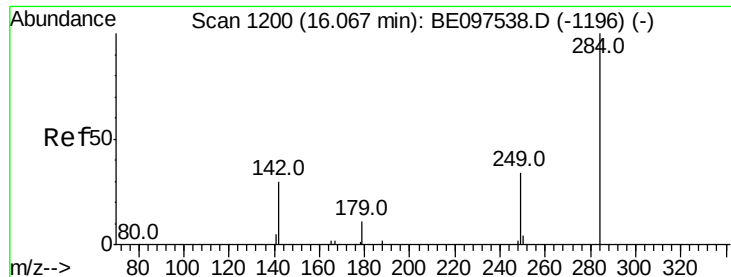


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

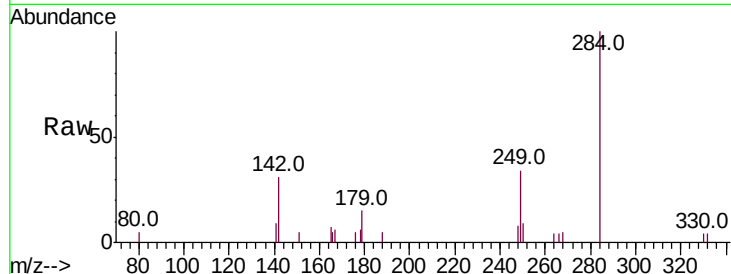




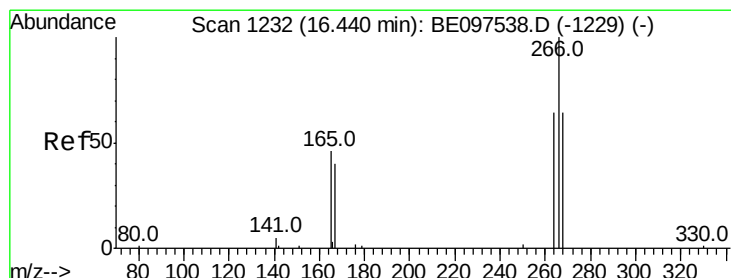
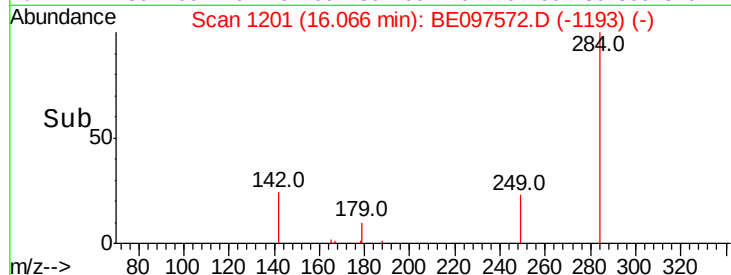
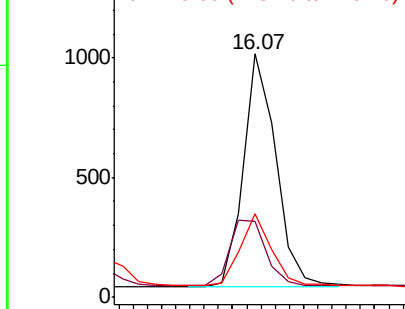
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284	Resp:	1541
Ion Ratio	Lower	Upper
284	100	
142	31.5	22.1 33.1
249	29.5	34.8 52.2#

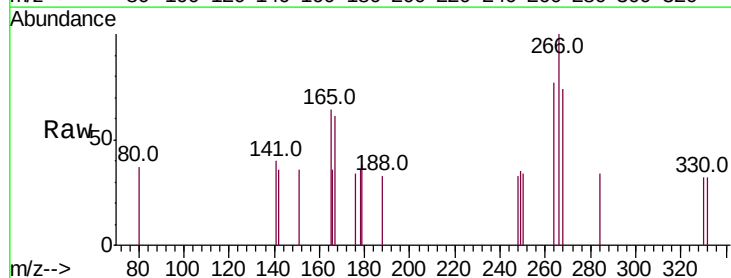


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

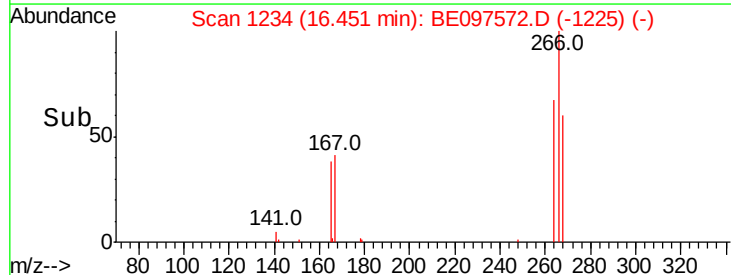
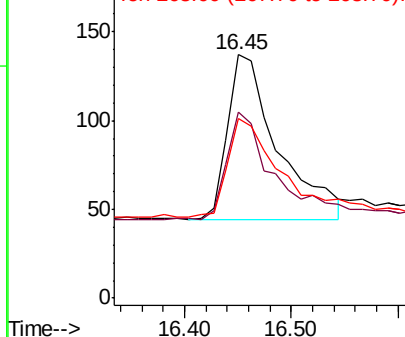


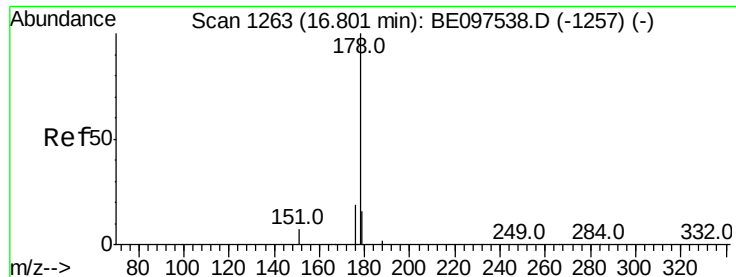
#22
Pentachlorophenol
Concen: 0.315 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

Tgt Ion:266	Resp:	306
Ion Ratio	Lower	Upper
266	100	
264	76.6	72.5 108.7
268	73.7	73.8 110.6#



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





#23

Phenanthrene

Concen: 0.393 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

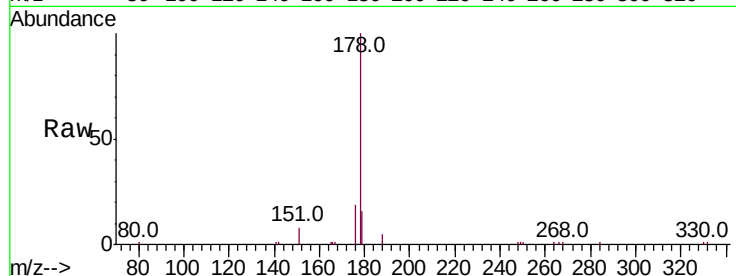
Tot Ion:178 Resp: 6943

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

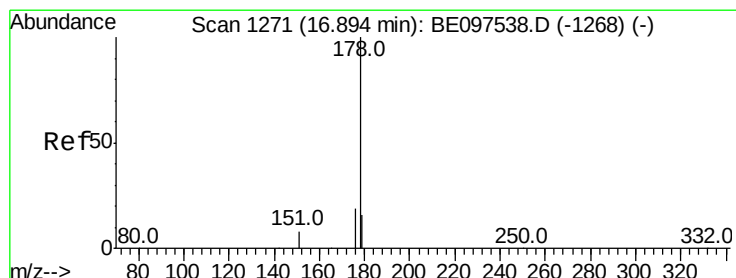
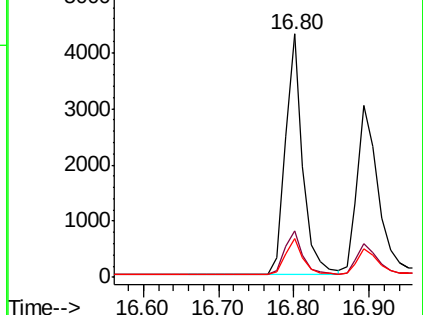
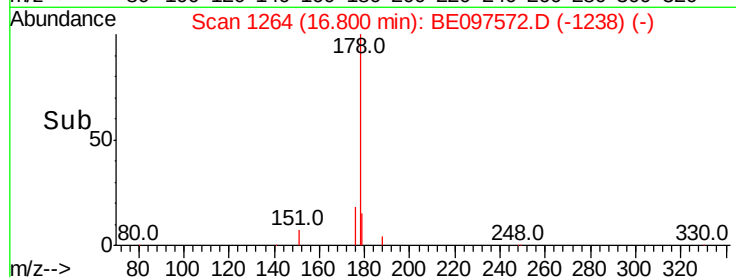
179 15.2 11.8 17.6



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: 0.364 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

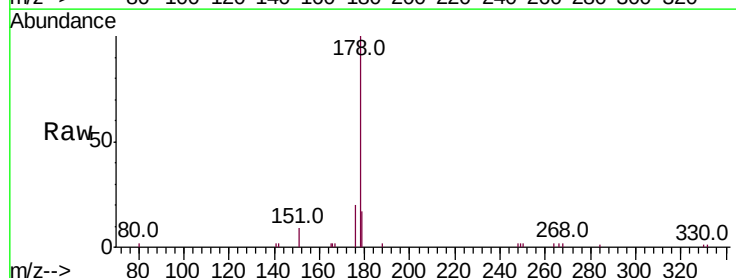
Tgt Ion:178 Resp: 5689

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

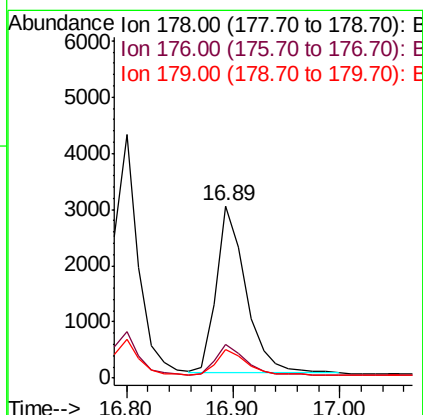
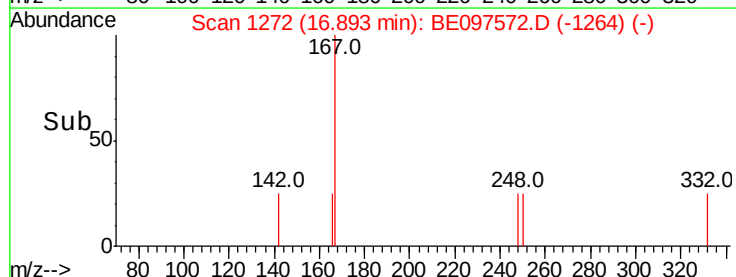
179 14.8 13.0 19.6

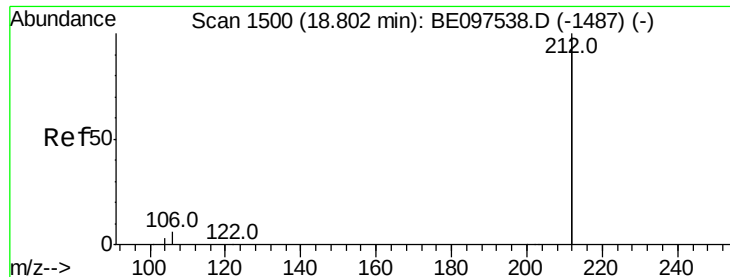


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

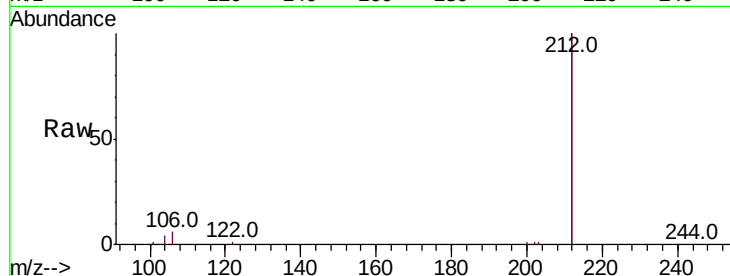
Tot Ion:212 Resp: 31019

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

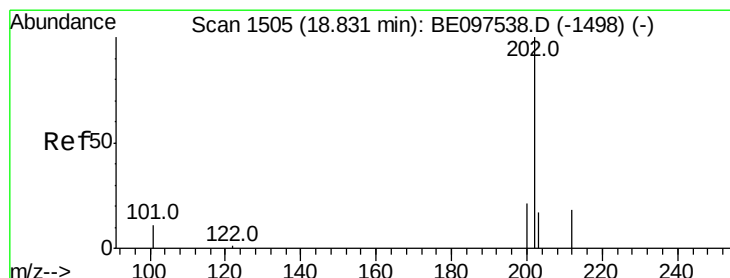
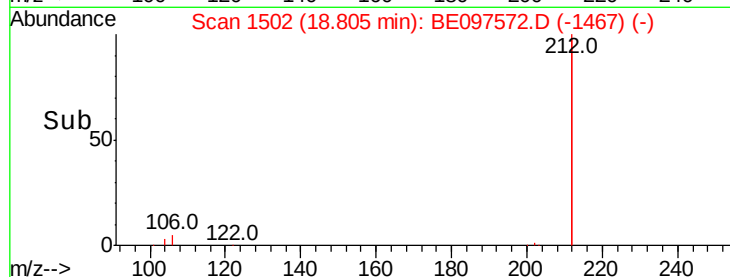
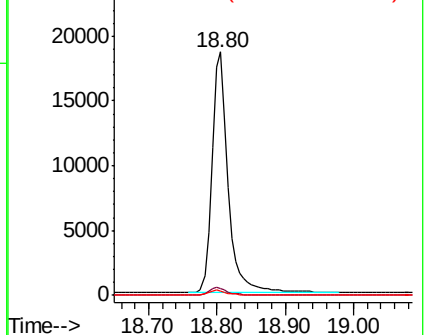
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.331 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

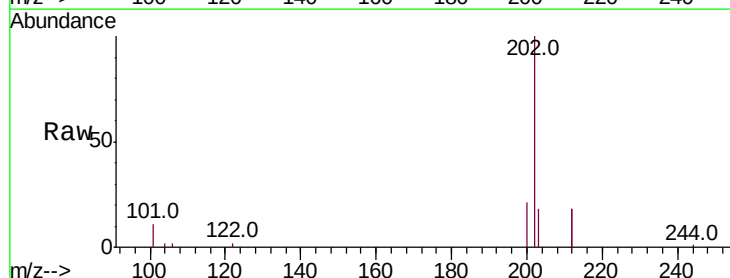
Tgt Ion:202 Resp: 8109

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

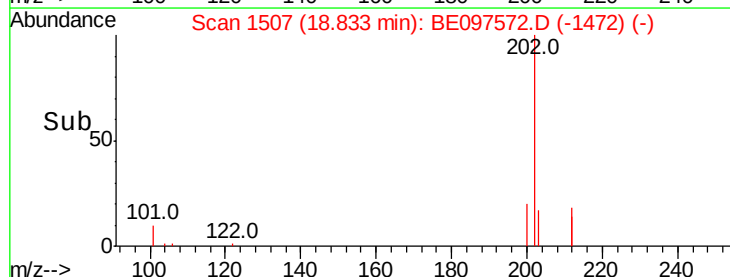
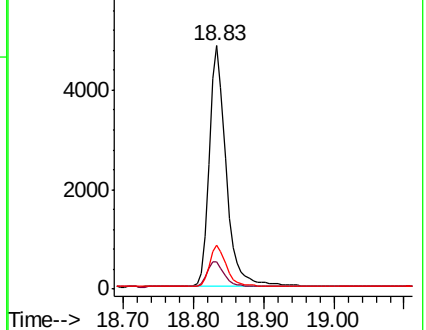
203 16.9 13.7 20.5

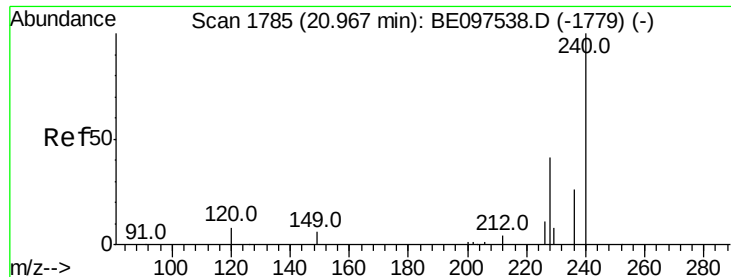


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

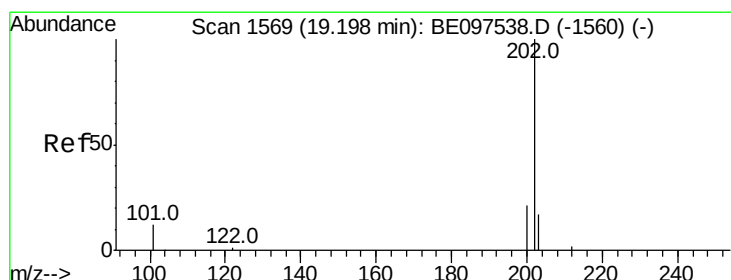
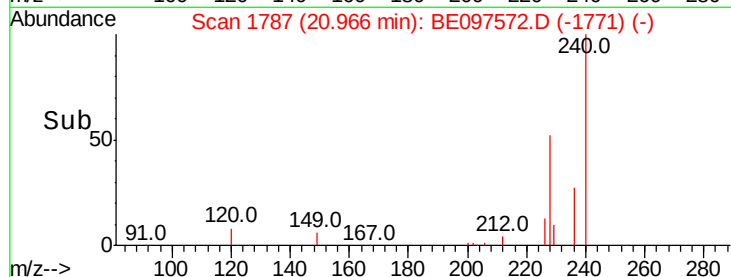
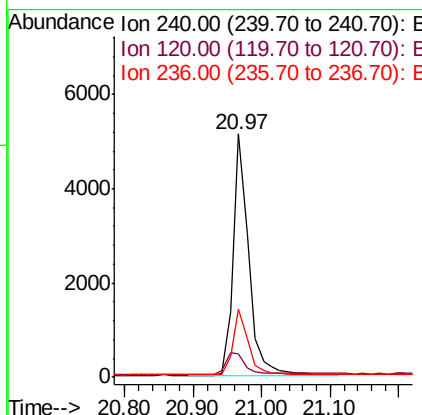
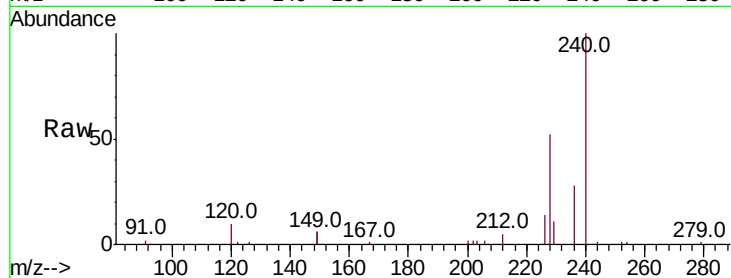




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097572.D
 Acq: 20 Sep 2018 11:48

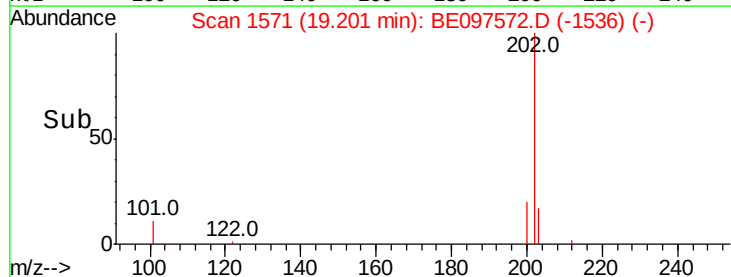
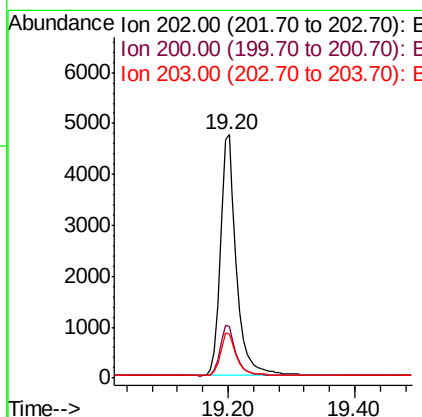
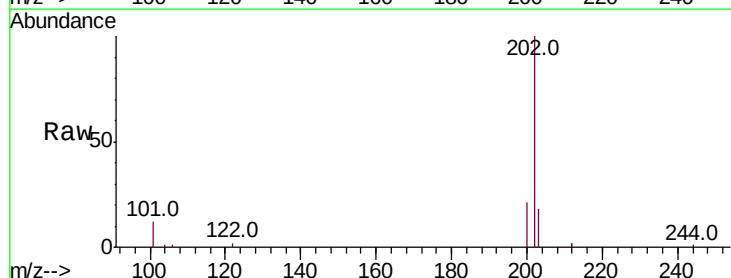
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

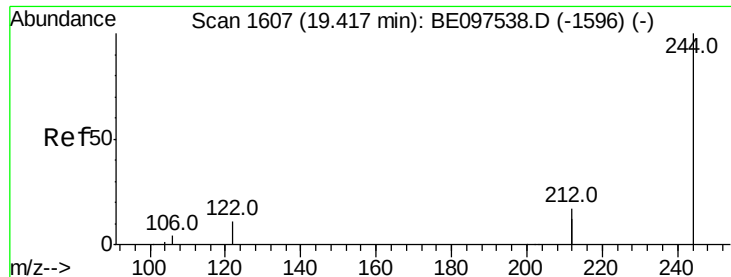
Tot Ion:240 Resp: 8057
 Ion Ratio Lower Upper
 240 100
 120 9.6 5.5 8.3#
 236 28.0 20.7 31.1



#28
 Pyrene
 Concen: 0.453 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097572.D
 Acq: 20 Sep 2018 11:48

Tgt Ion:202 Resp: 8300
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

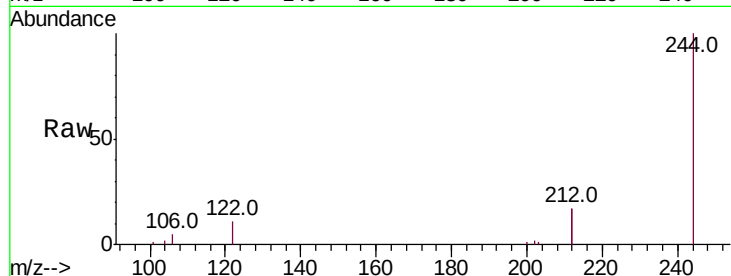
Tot Ion:244 Resp: 6146

Ion Ratio Lower Upper

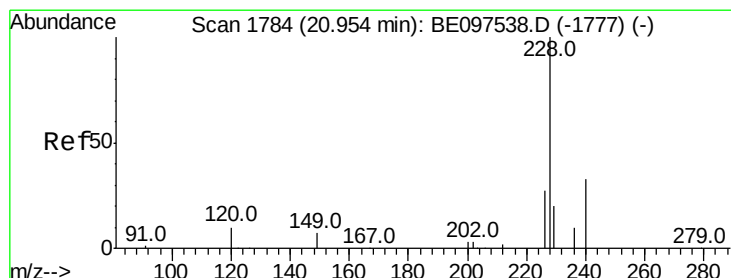
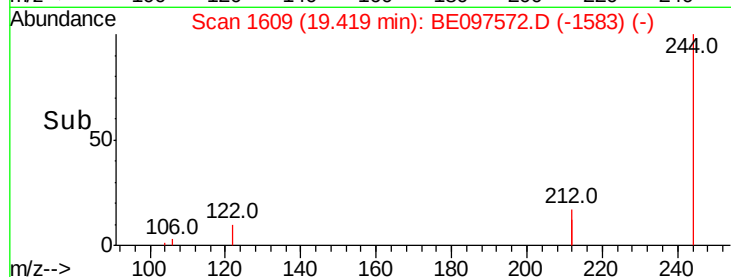
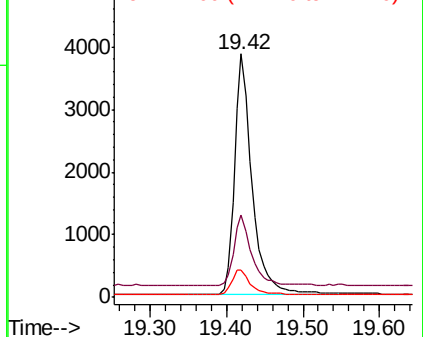
244 100

212 33.6 25.4 38.0

122 11.3 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: 0.363 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

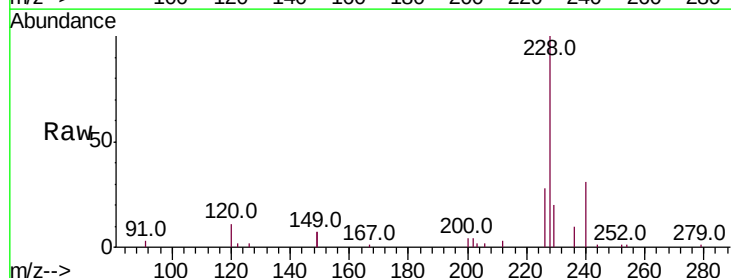
Tgt Ion:228 Resp: 7361

Ion Ratio Lower Upper

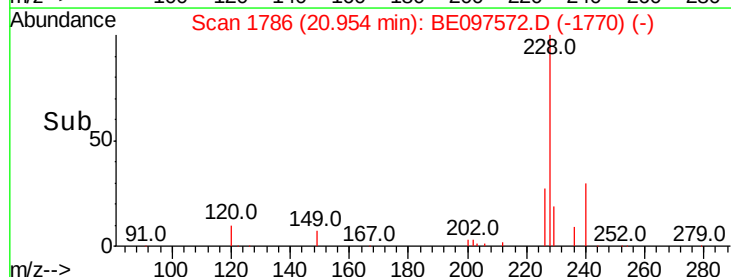
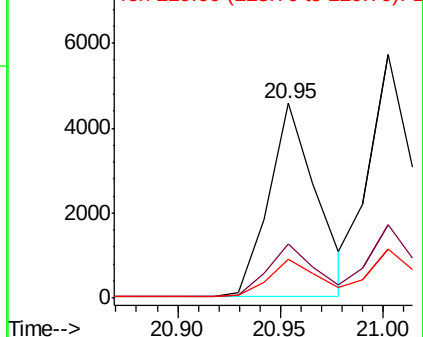
228 100

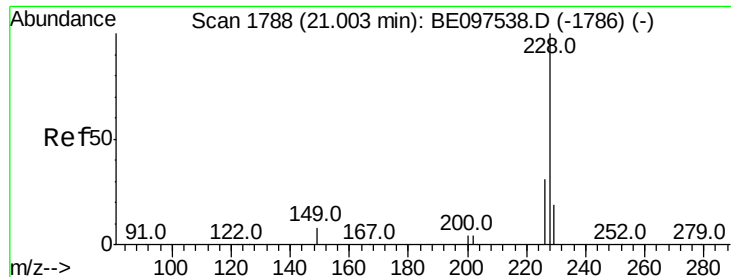
226 27.8 24.0 36.0

229 20.3 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: 0.409 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

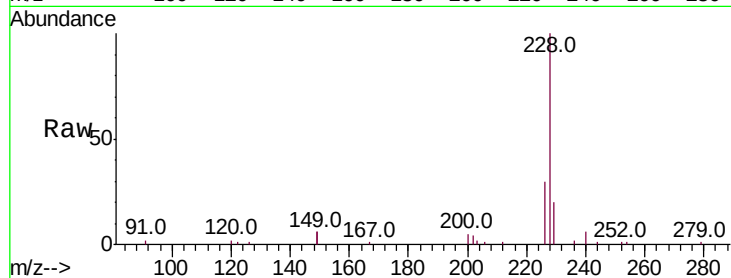
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 8898

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.2	16.0	24.0

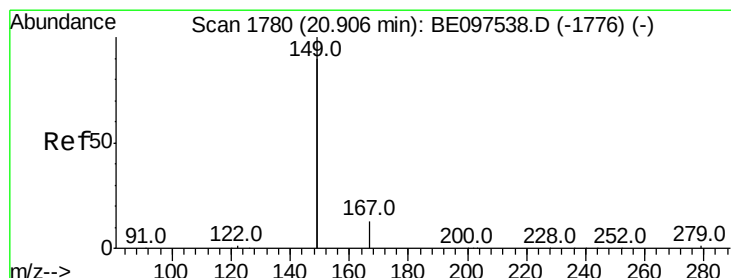
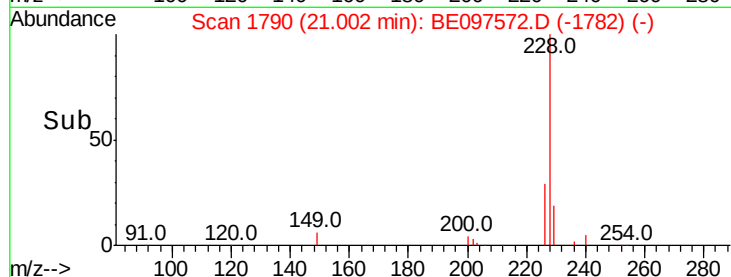
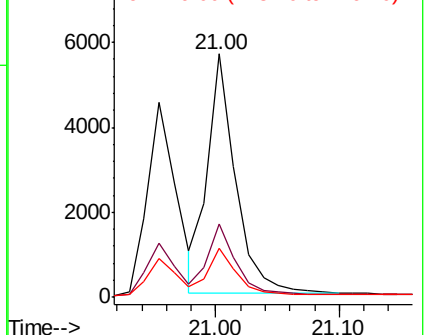


Abundance

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: 0.290 ng

RT: 20.91 min Scan# 1782

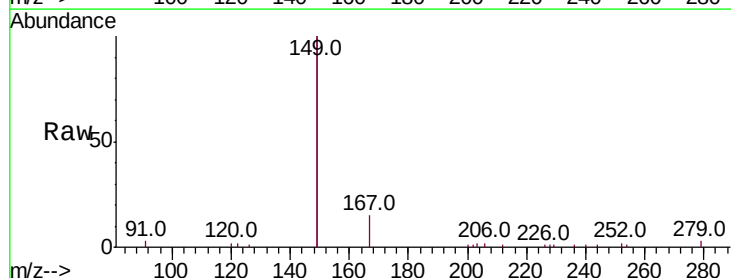
Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Tgt Ion:149 Resp: 9511

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.2	0.7	1.1#

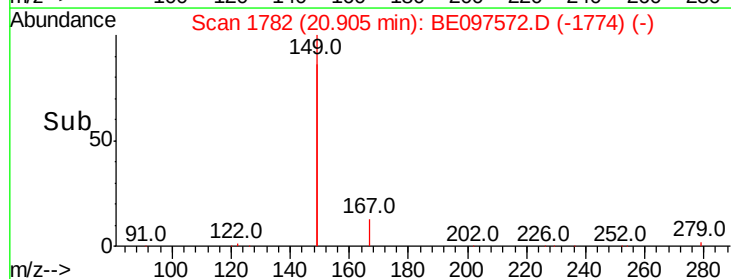
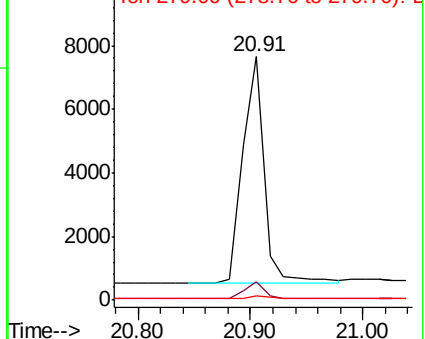


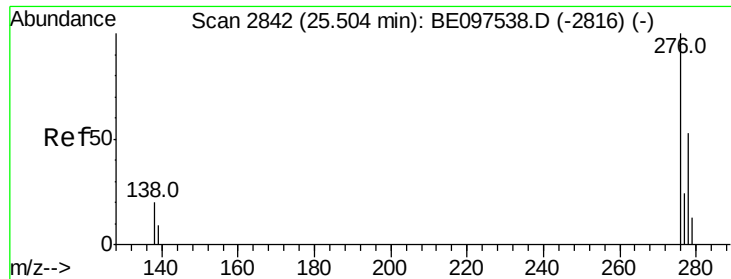
Abundance

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

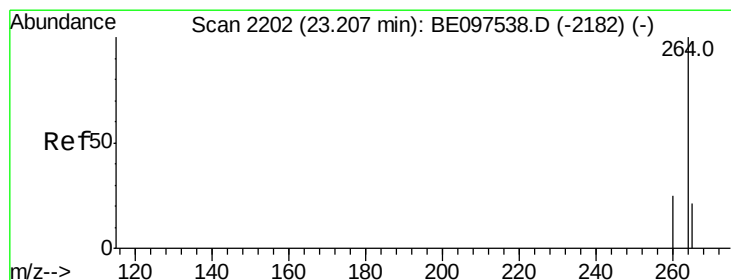
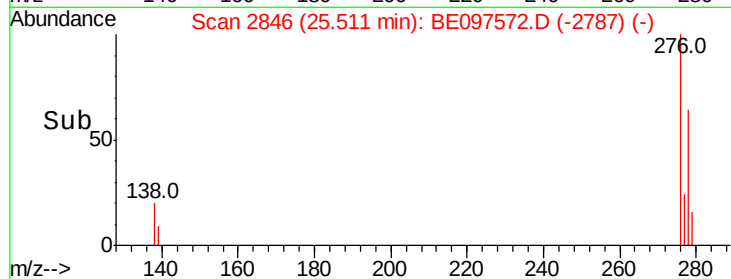
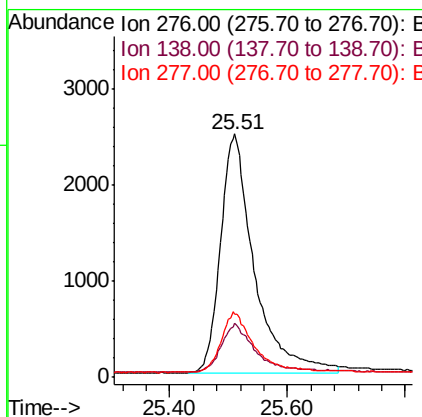
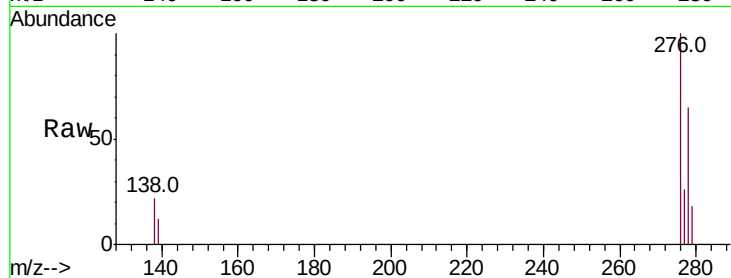




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. 0.01 min
 Lab File: BE097572.D
 Acq: 20 Sep 2018 11:48

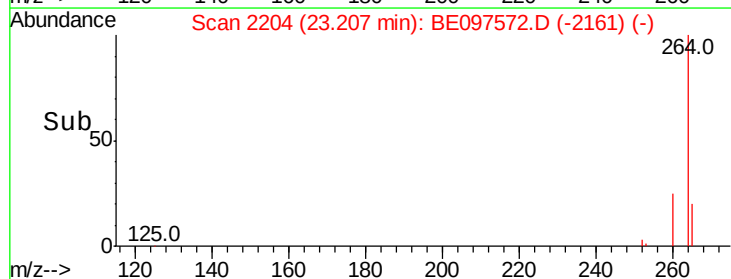
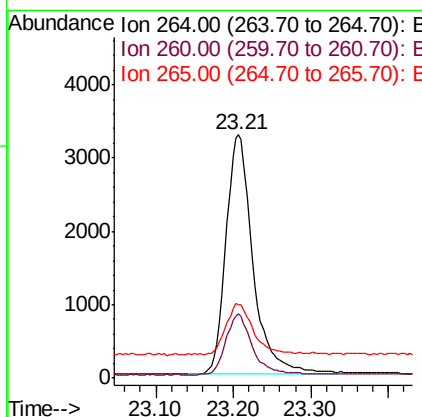
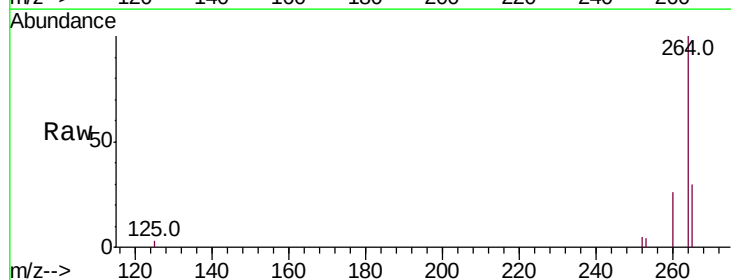
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

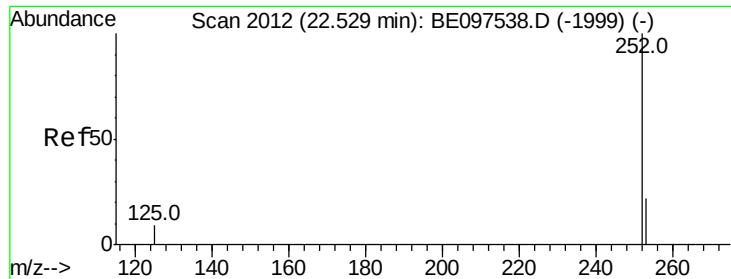
Tot Ion:276 Resp: 9840
 Ion Ratio Lower Upper
 276 100
 138 20.0 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097572.D
 Acq: 20 Sep 2018 11:48

Tgt Ion:264 Resp: 7925
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 30.2 22.8 34.2

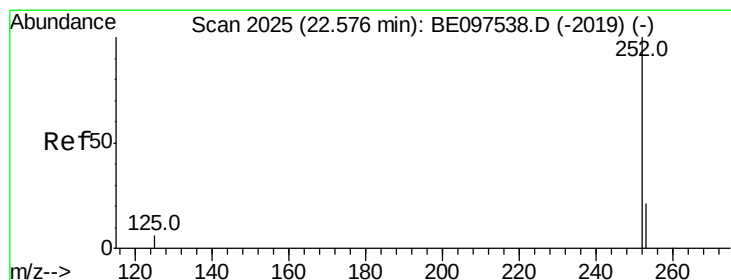
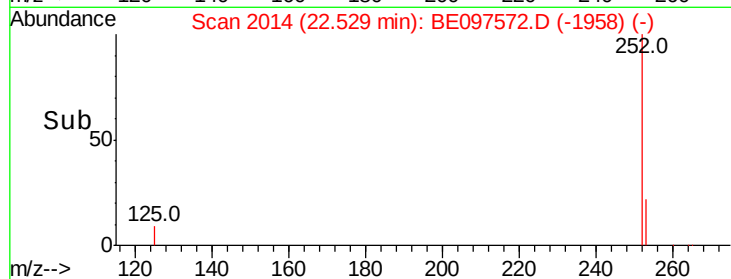
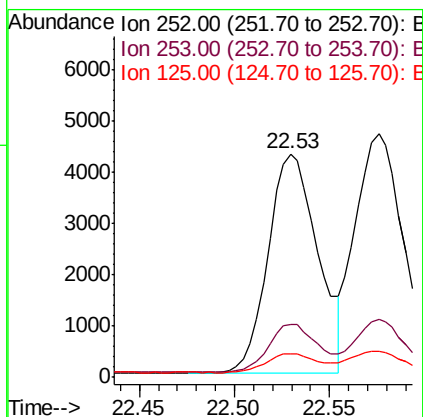
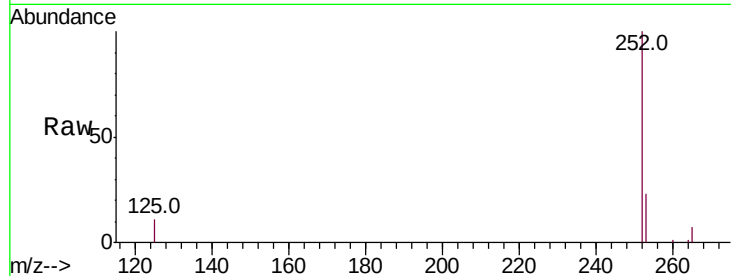




#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

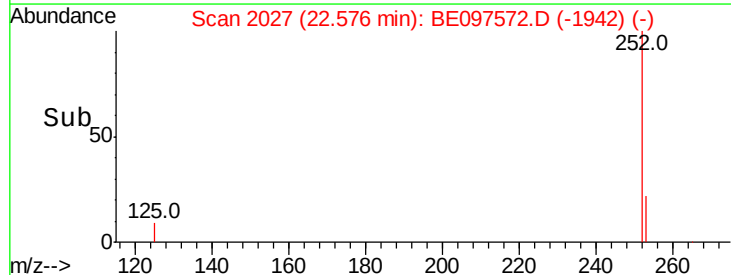
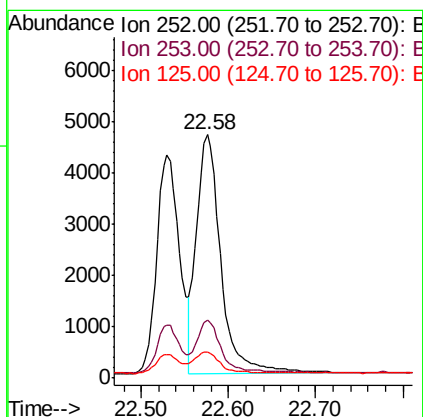
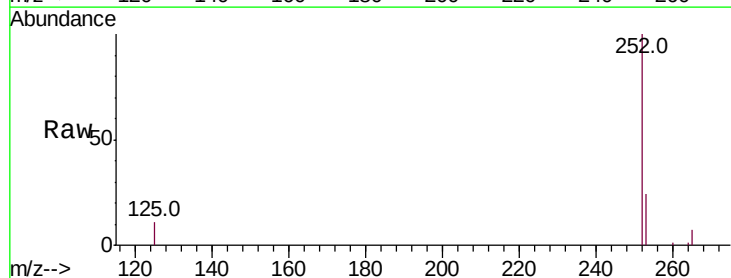
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

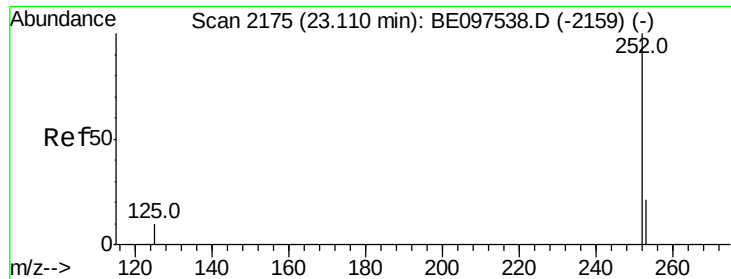
Tot Ion:252 Resp: 7813
Ion Ratio Lower Upper
252 100
253 23.4 20.0 30.0
125 10.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097572.D
Acq: 20 Sep 2018 11:48

Tgt Ion:252 Resp: 8973
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

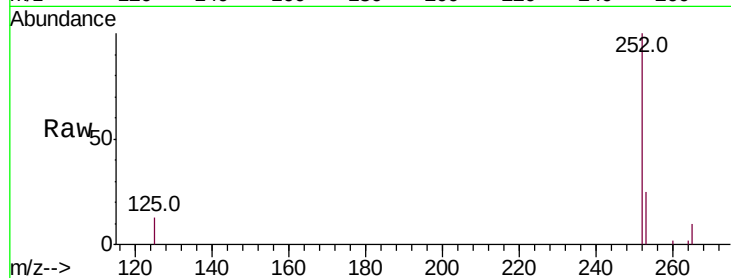
Tot Ion:252 Resp: 7632

Ion Ratio Lower Upper

252 100

253 24.9 16.0 24.0#

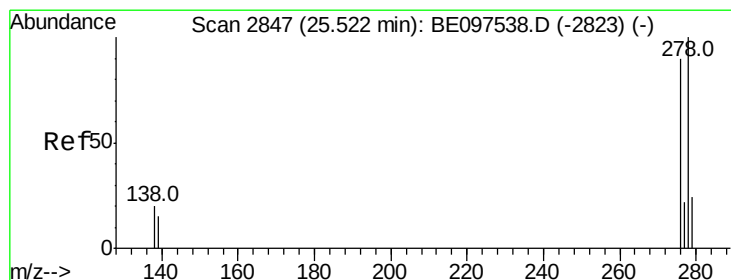
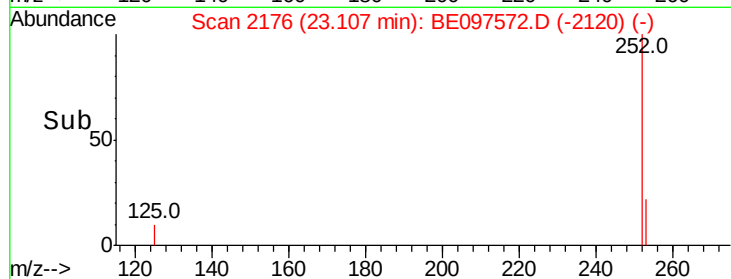
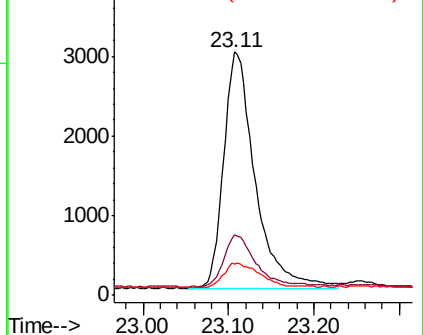
125 12.7 12.0 18.0



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: 0.385 ng

RT: 25.52 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

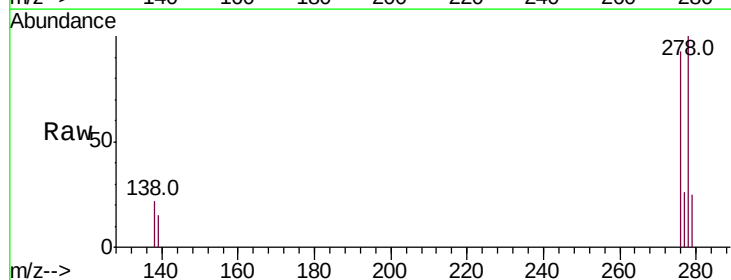
Tgt Ion:278 Resp: 8211

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

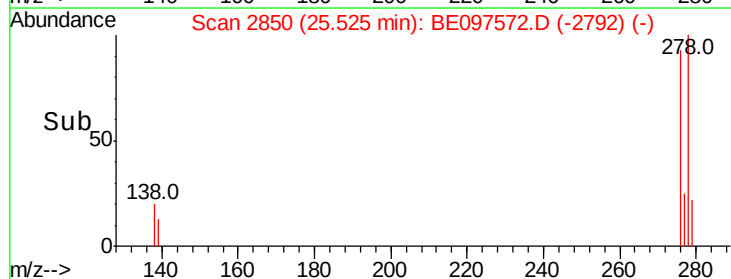
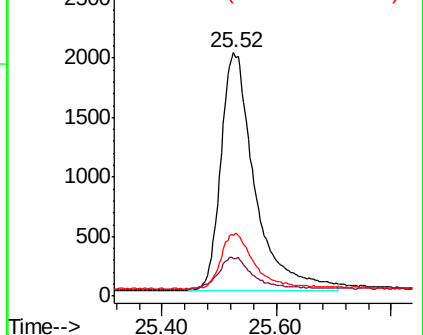
279 24.7 20.0 30.0

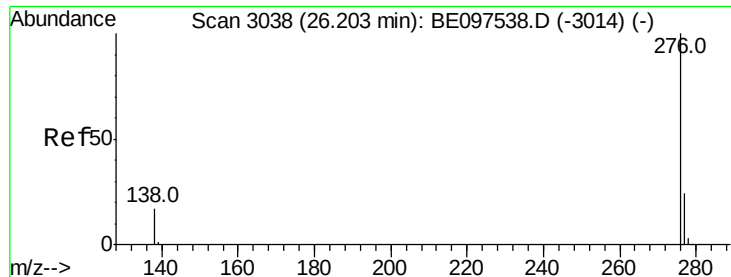


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.378 ng

RT: 26.21 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BE097572.D

Acq: 20 Sep 2018 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

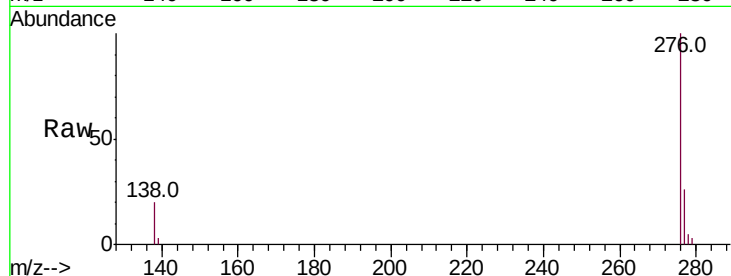
Tot Ion:276 Resp: 7838

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 20.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

