

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097642.D
 Acq On : 22 Sep 2018 10:35
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 24 02:30:40 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	870	0.40	ng	-0.01
7) Naphthalene-d8	10.13	136	4378	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	3083	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	9530	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10232	0.40	ng	0.00
34) Perylene-d12	23.20	264	9960	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	904	0.35	ng	0.00
5) Phenol-d6	6.61	99	1075	0.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	1133	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2560	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	515	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3932	0.36	ng	0.00
25) Fluoranthene-d10	18.80	212	38906	0.32	ng	0.00
29) Terphenyl-d14	19.42	244	7730	0.41	ng	0.00

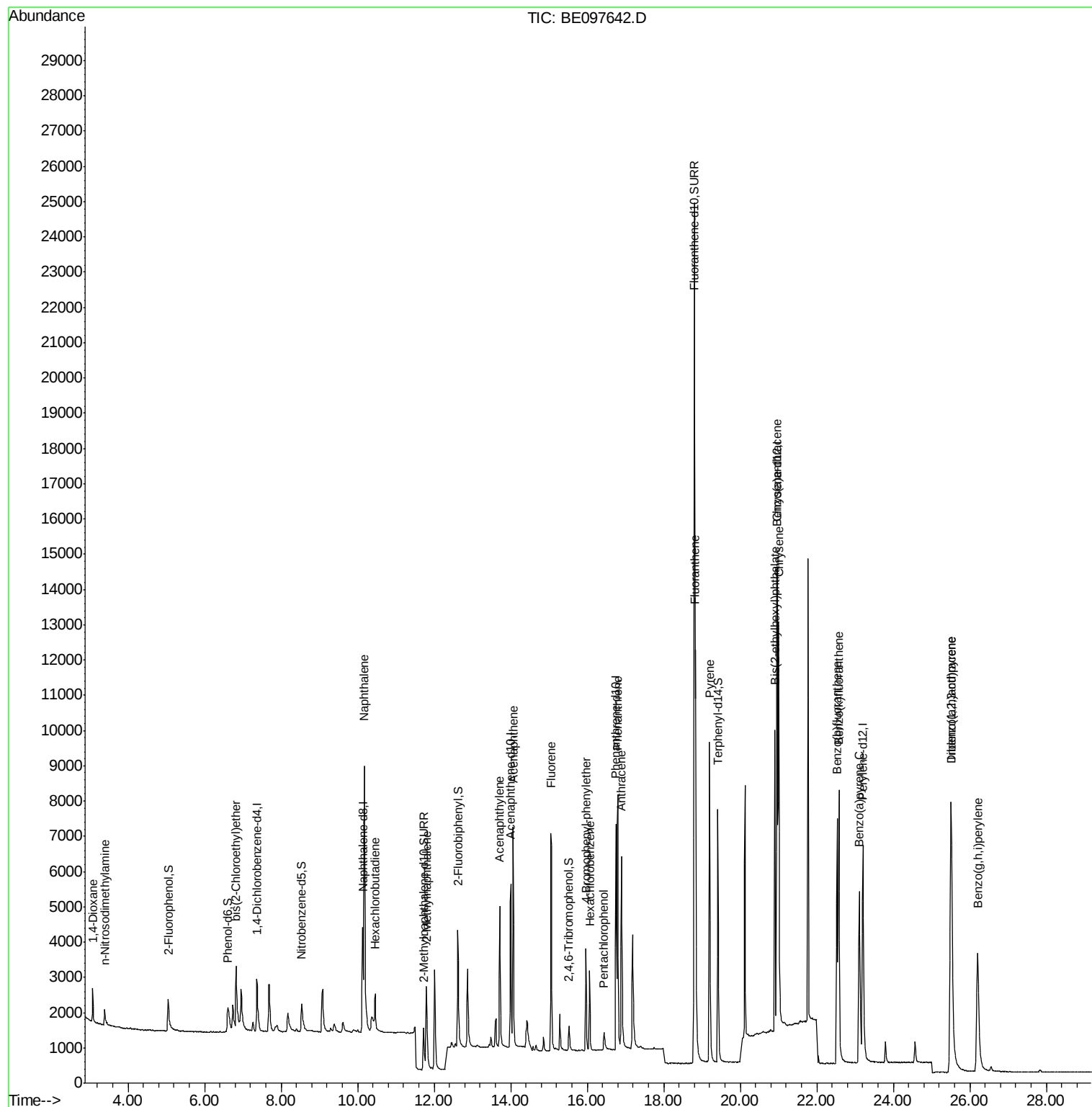
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	580	0.389	ng	# 83
3) n-Nitrosodimethylamine	3.38	42	378	0.303	ng	98
6) bis(2-Chloroethyl)ether	6.83	93	1104	0.357	ng	76
9) Naphthalene	10.17	128	15825	0.401	ng	99
10) Hexachlorobutadiene	10.46	225	704	0.387	ng	97
12) 2-Methylnaphthalene	11.80	142	2570	0.418	ng	98
16) Acenaphthylene	13.71	152	4883	0.401	ng	99
17) Acenaphthene	14.06	154	3266	0.400	ng	96
18) Fluorene	15.05	166	4468	0.419	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1688	0.393	ng	# 87
21) Hexachlorobenzene	16.07	284	1857	0.393	ng	# 85
22) Pentachlorophenol	16.44	266	447	0.341	ng	# 77
23) Phenanthrene	16.80	178	8820	0.390	ng	99
24) Anthracene	16.89	178	7281	0.364	ng	96
26) Fluoranthene	18.83	202	10304	0.328	ng	98
28) Pyrene	19.20	202	10459	0.449	ng	100
30) Benzo(a)anthracene	20.95	228	9204	0.357	ng	97
31) Chrysene	21.00	228	11145	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	11884	0.285	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12853	0.386	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	9416	0.369	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	11714	0.402	ng	95
37) Benzo(a)pyrene	23.11	252	9456	0.383	ng	92
38) Dibenzo(a,h)anthracene	25.52	278	10514	0.393	ng	96
39) Benzo(g,h,i)perylene	26.20	276	10202	0.392	ng	# 88

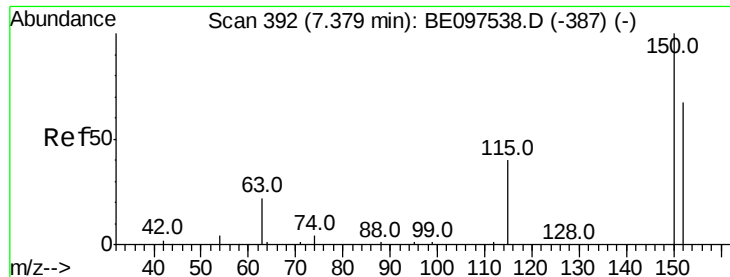
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.37 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

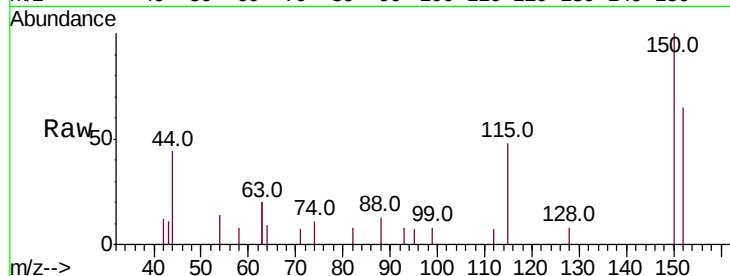
Tot Ion:152 Resp: 870

Ion Ratio Lower Upper

152 100

150 153.1 117.2 175.8

115 74.1 57.0 85.6

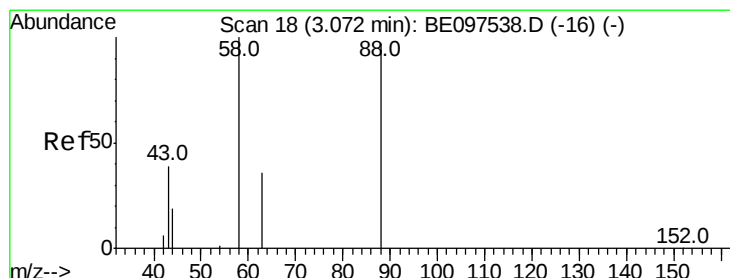
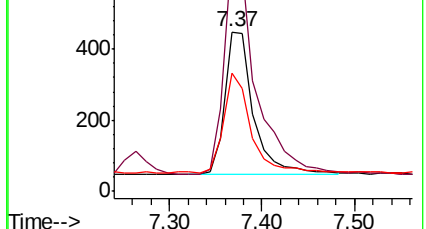
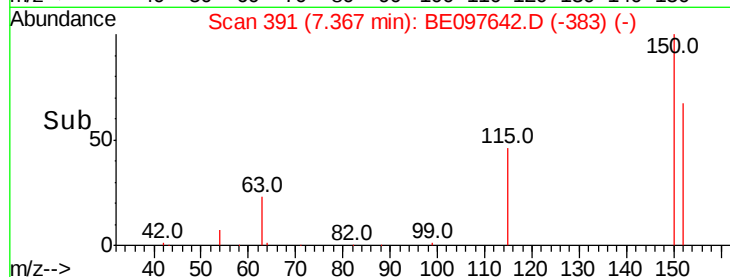


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.389 ng

RT: 3.07 min Scan# 18

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

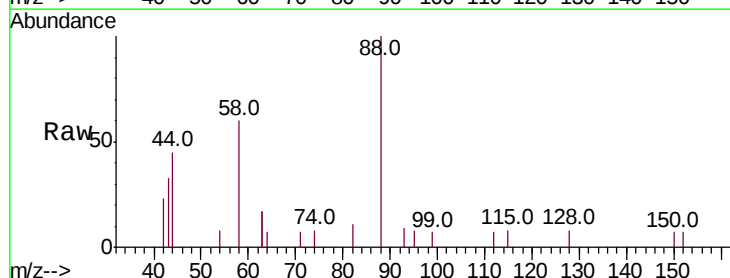
Tgt Ion: 88 Resp: 580

Ion Ratio Lower Upper

88 100

58 75.0 63.2 94.8

43 26.2 41.2 61.8#

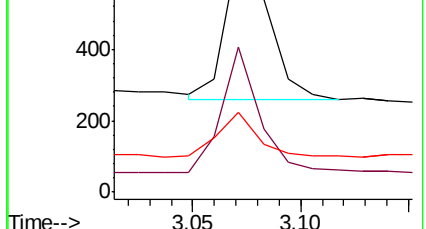
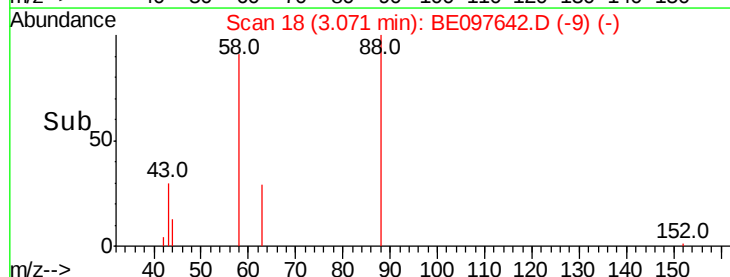


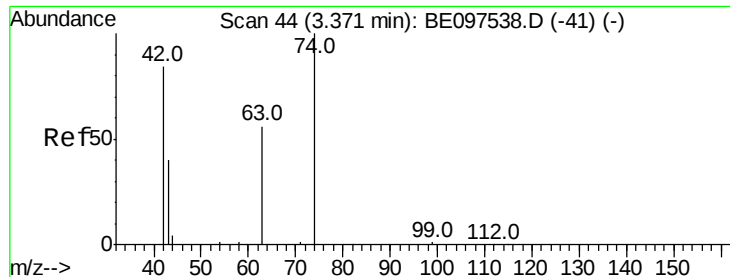
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->



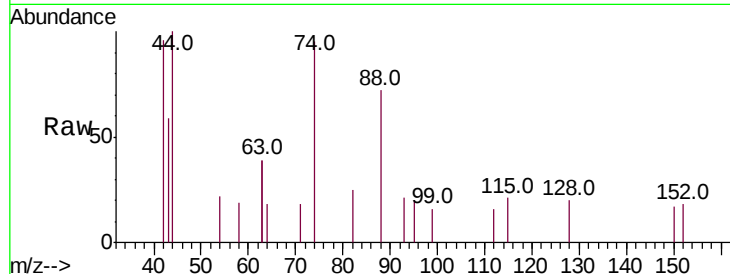


#3

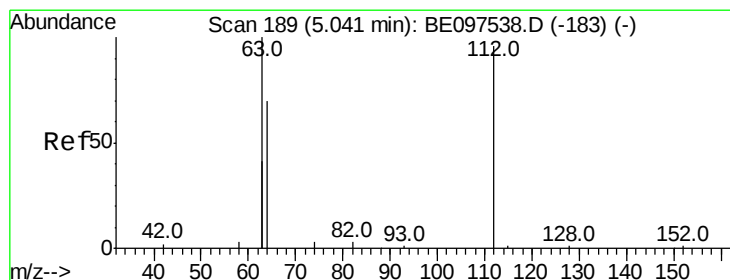
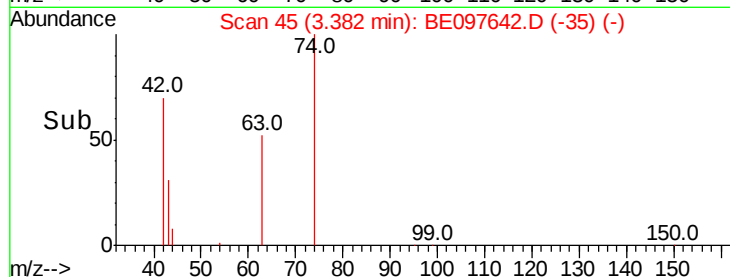
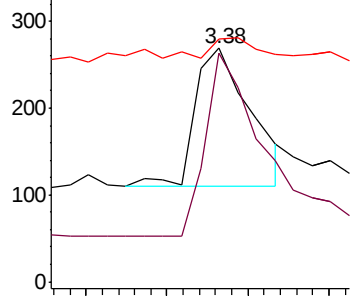
n-Nitrosodimethylamine
 Concen: 0.303 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE097642.D
 Acq: 22 Sep 2018 10:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 378
 Ion Ratio Lower Upper
 42 100
 74 121.2 96.0 144.0
 44 12.2 12.0 18.0



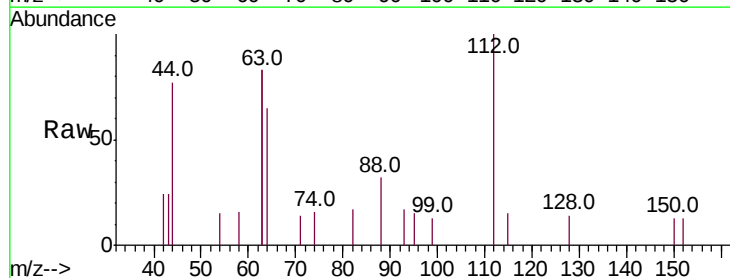
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



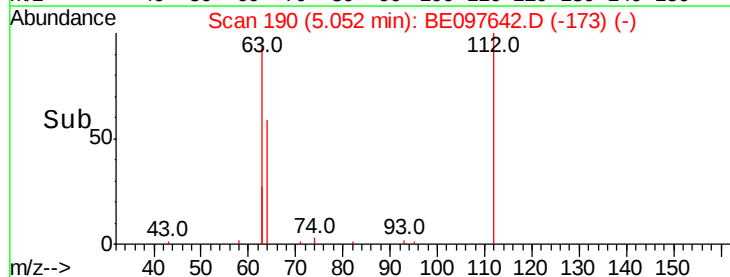
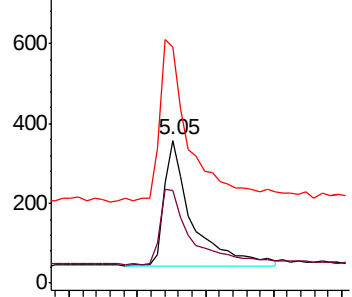
#4

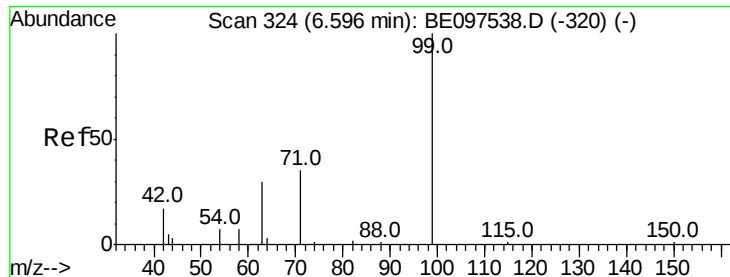
2-Fluorophenol
 Concen: 0.347 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097642.D
 Acq: 22 Sep 2018 10:35

Tgt Ion: 112 Resp: 904
 Ion Ratio Lower Upper
 112 100
 64 67.4 60.1 90.1
 63 142.8 116.8 175.2



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: 0.323 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

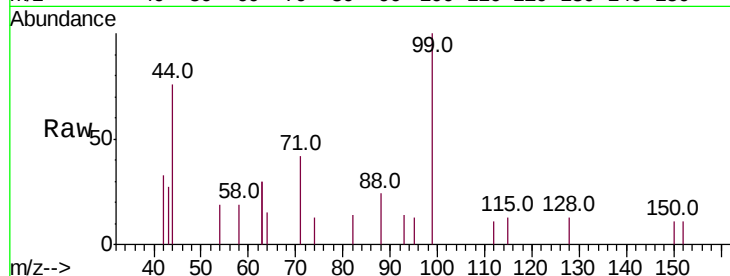
Tot Ion: 99 Resp: 1075

Ion Ratio Lower Upper

99 100

42 22.3 20.2 30.2

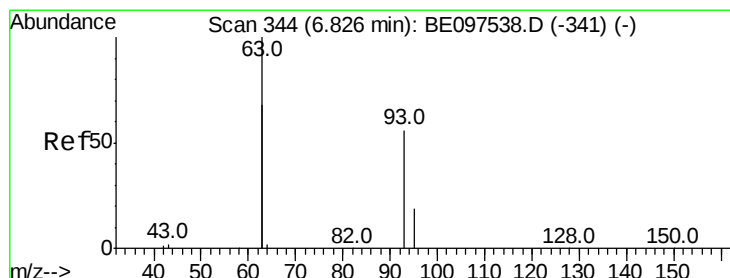
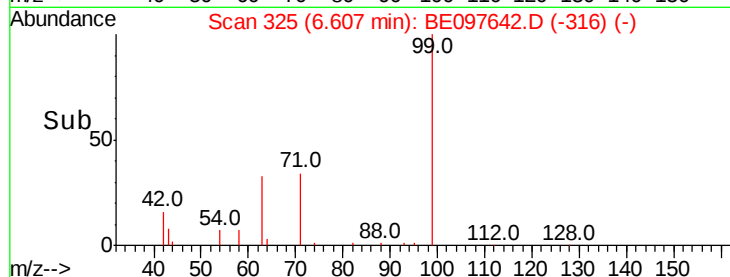
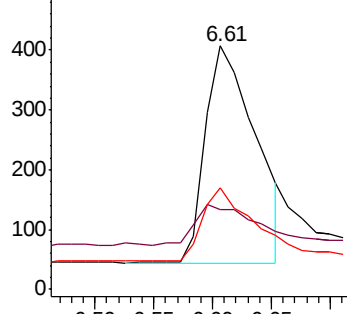
71 33.1 28.4 42.6



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: 0.357 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

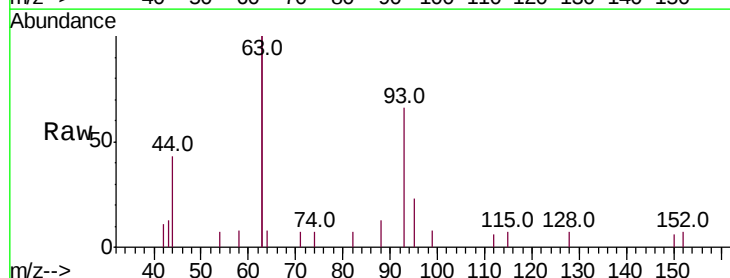
Tgt Ion: 93 Resp: 1104

Ion Ratio Lower Upper

93 100

63 288.9 275.3 412.9

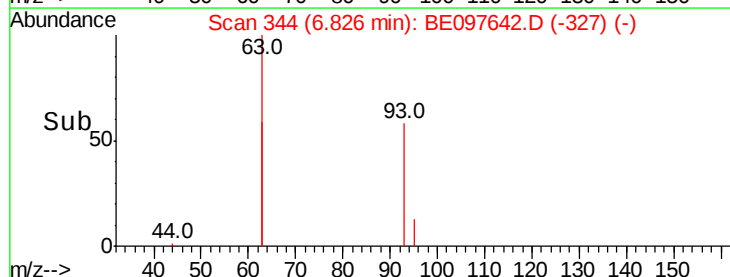
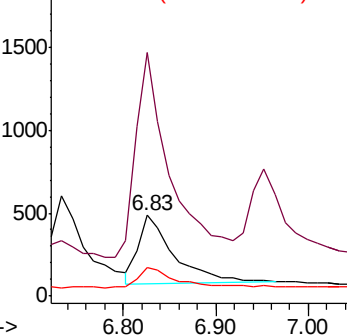
95 31.5 25.2 37.8

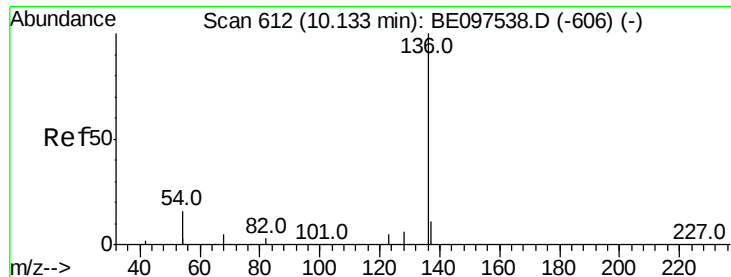


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4378

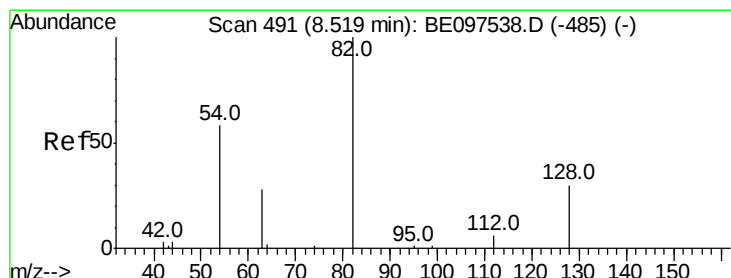
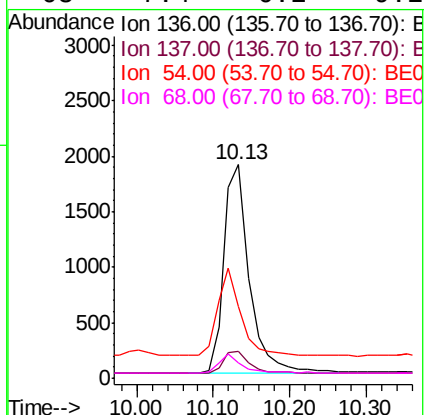
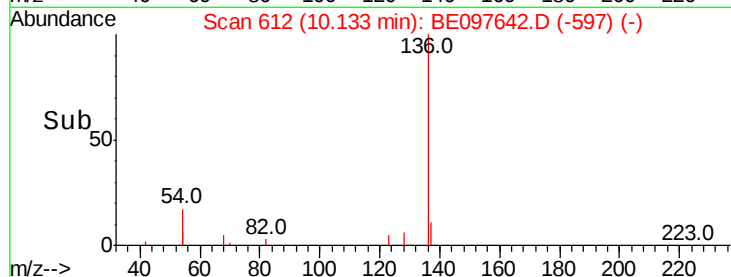
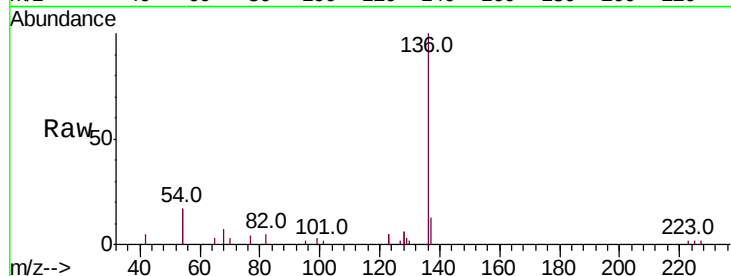
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 33.5 29.1 43.7

68 7.4 6.2 9.2



#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

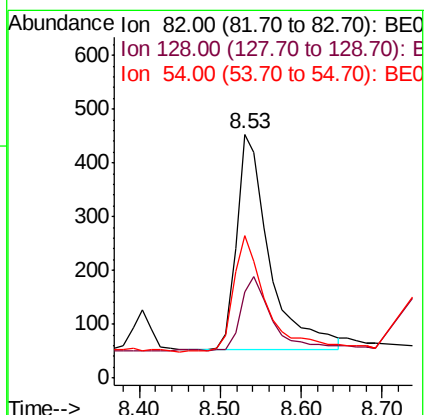
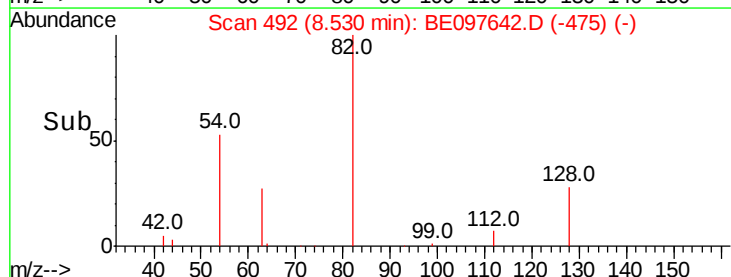
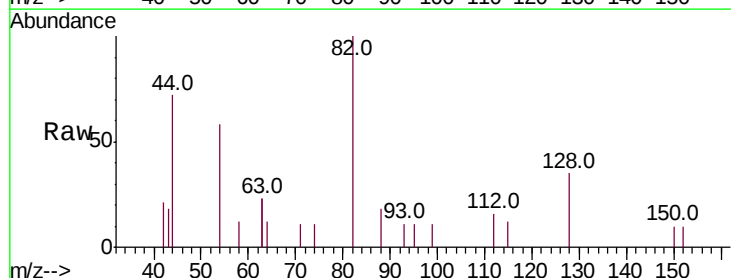
Tgt Ion: 82 Resp: 1133

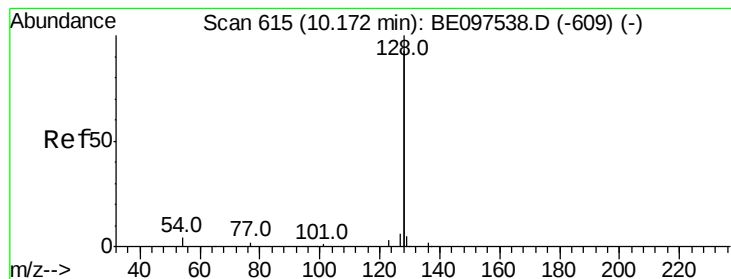
Ion Ratio Lower Upper

82 100

128 35.3 24.0 36.0

54 58.5 40.0 60.0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

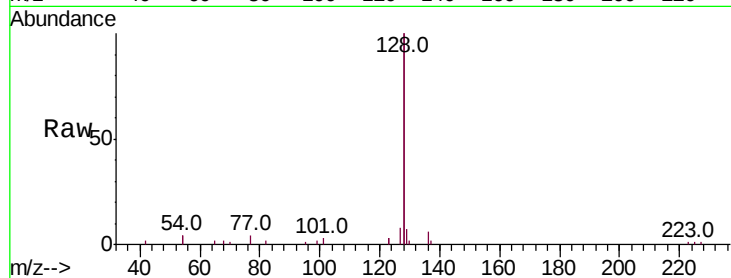
Tot Ion:128 Resp: 15825

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

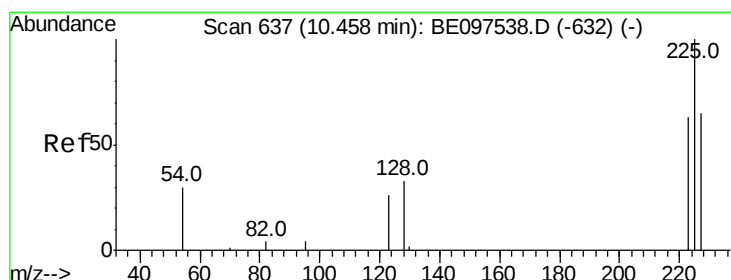
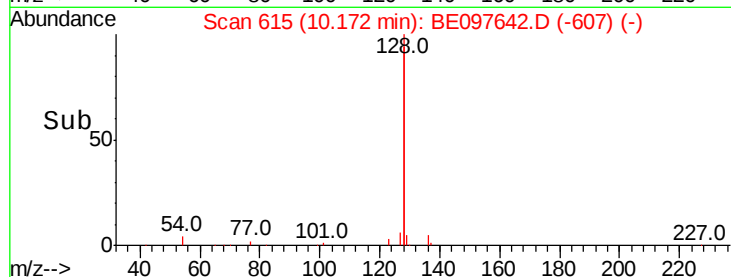
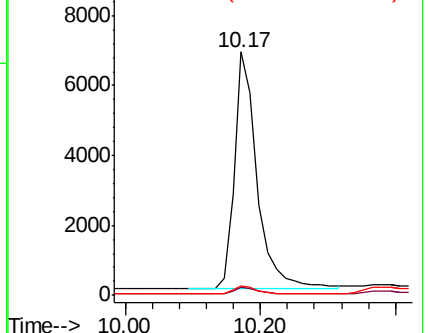
127 3.9 2.8 4.2



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: 0.387 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

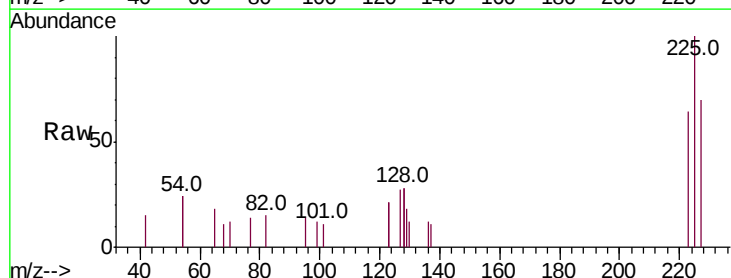
Tgt Ion:225 Resp: 704

Ion Ratio Lower Upper

225 100

223 61.5 53.0 79.6

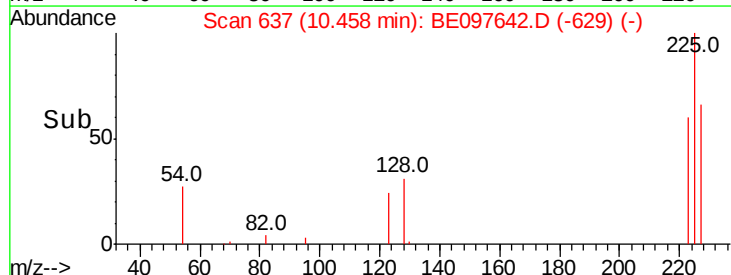
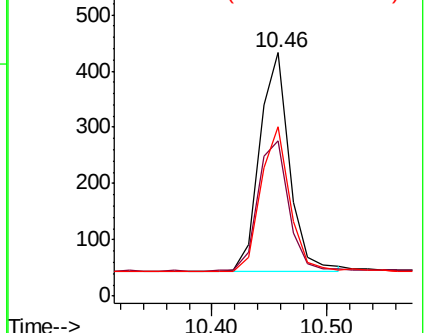
227 64.5 51.4 77.2

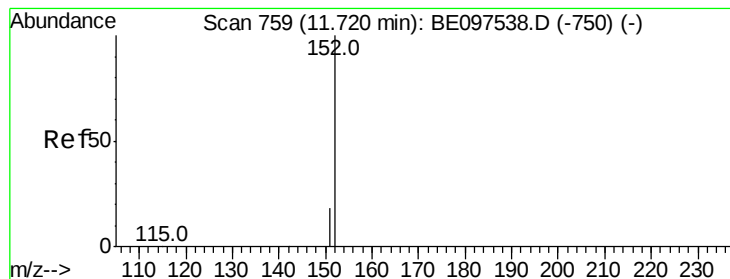


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

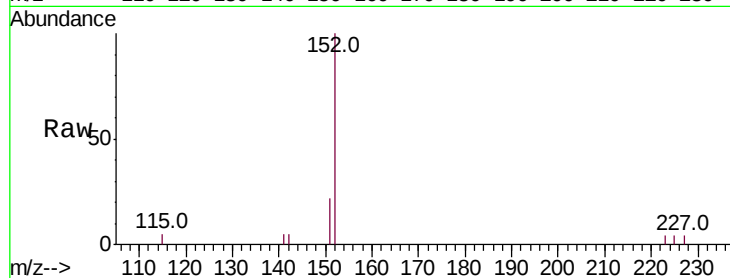
SSTDCCC0.4EC

Tot Ion:152 Resp: 2560

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1200

1000

800

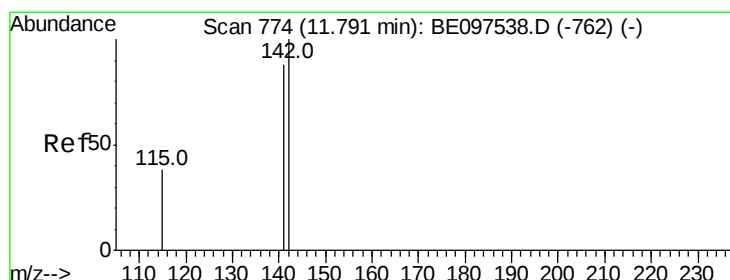
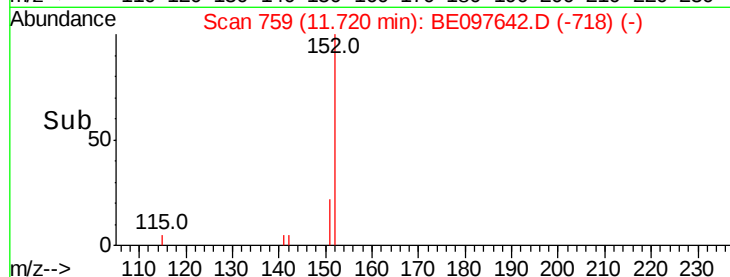
600

400

200

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.418 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

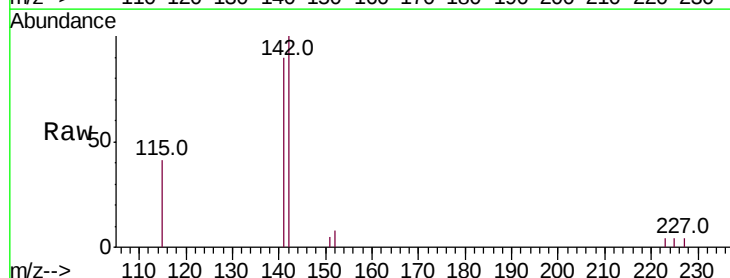
Tgt Ion:142 Resp: 2570

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 40.6 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

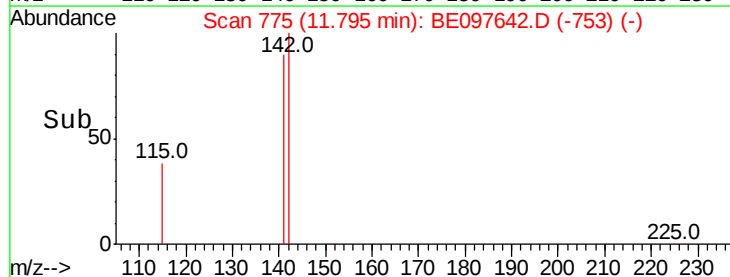
11.80

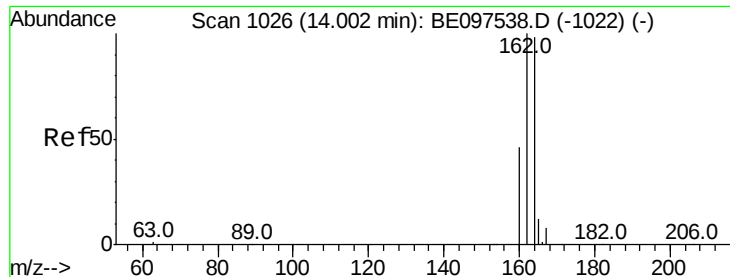
1000

500

0

Time--> 11.70 11.80 11.90

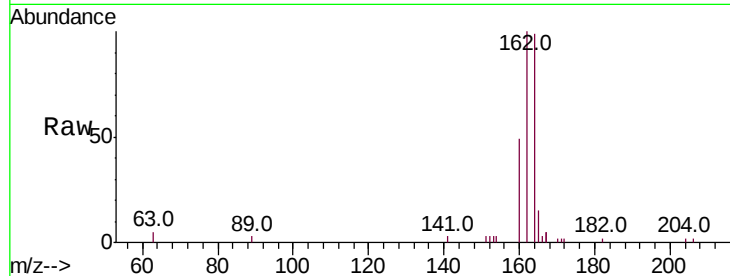




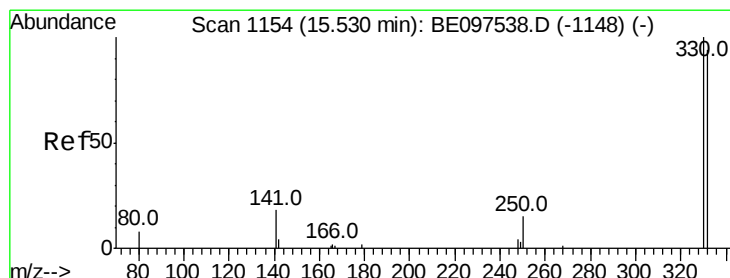
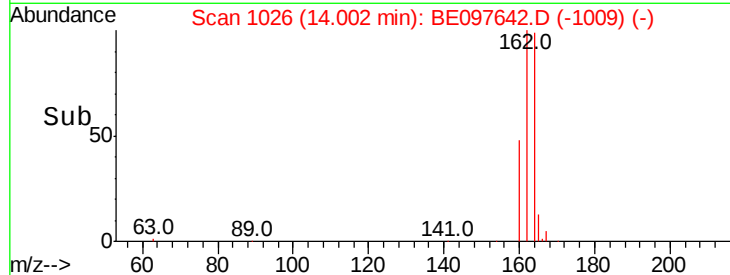
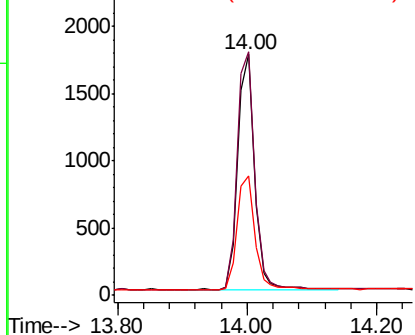
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 3083
Ion Ratio Lower Upper
164 100
162 101.1 83.1 124.7
160 49.5 37.1 55.7

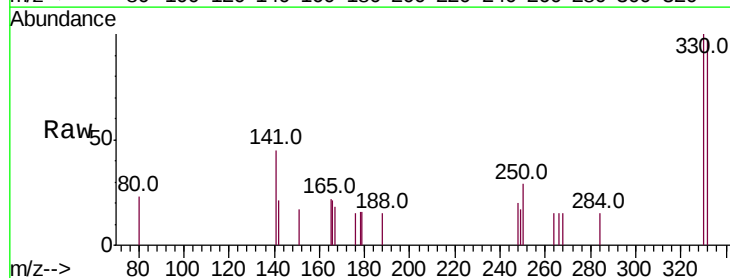


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

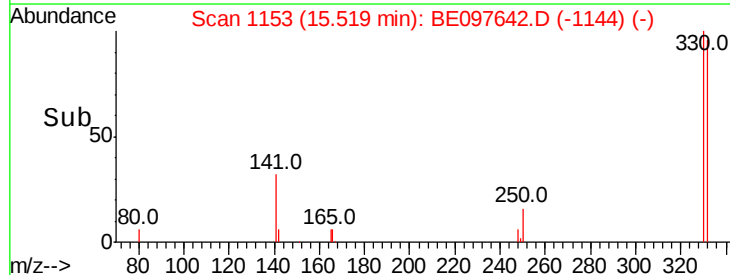
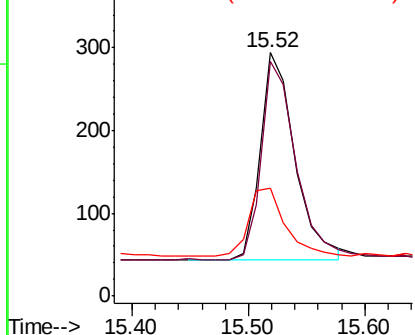


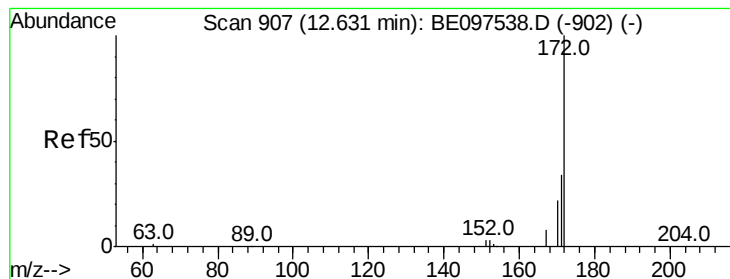
#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

Tgt Ion:330 Resp: 515
Ion Ratio Lower Upper
330 100
332 96.7 152.7 229.1#
141 35.7 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 12.62 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

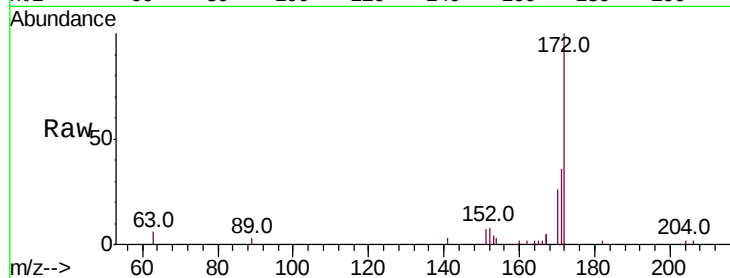
Tot Ion:172 Resp: 3932

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

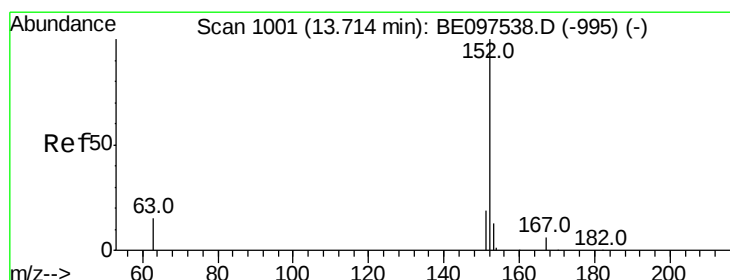
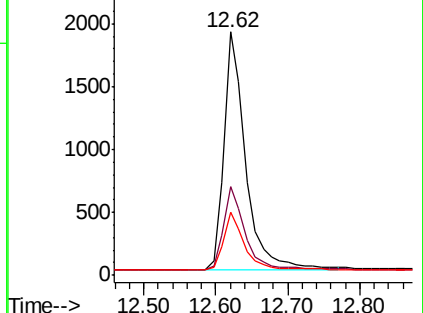
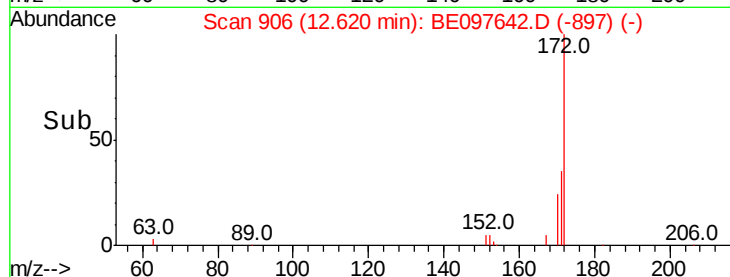
170 25.8 21.8 32.8



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: 0.401 ng

RT: 13.71 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

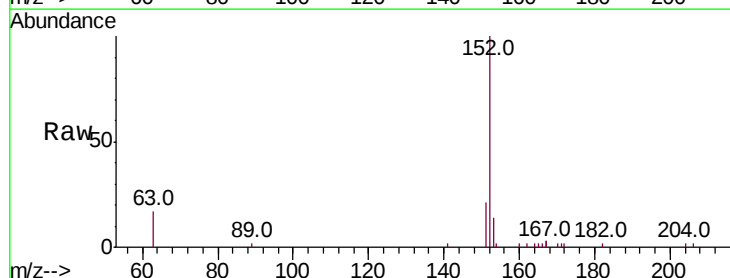
Tgt Ion:152 Resp: 4883

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

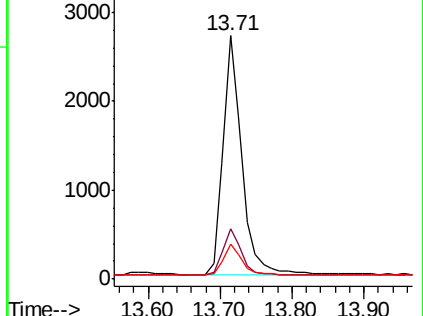
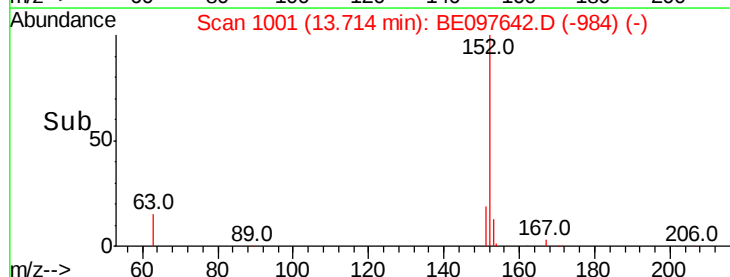
153 12.8 10.5 15.7

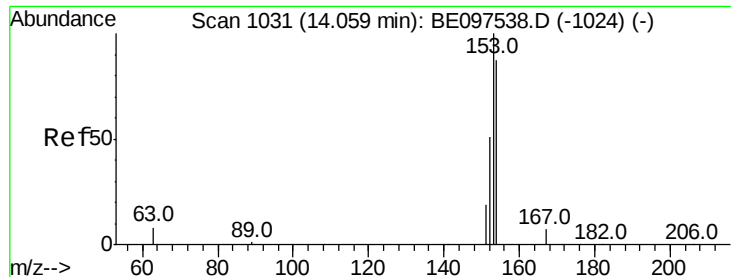


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

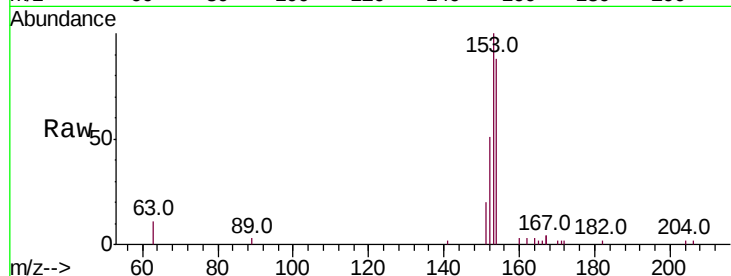




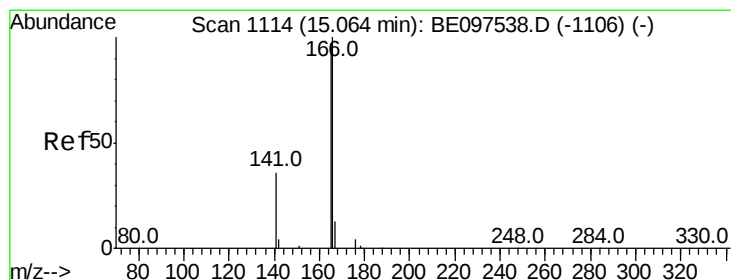
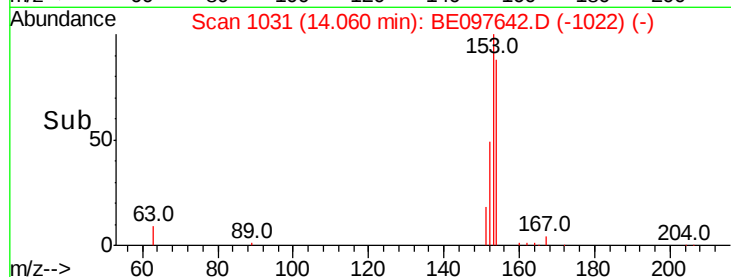
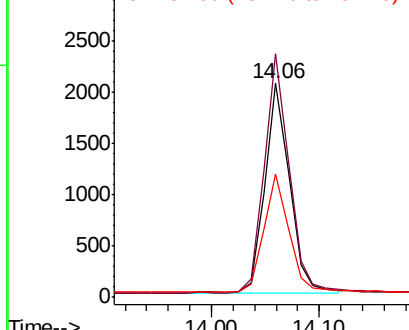
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 3266
Ion Ratio Lower Upper
154 100
153 114.3 89.2 133.8
152 57.2 42.0 63.0

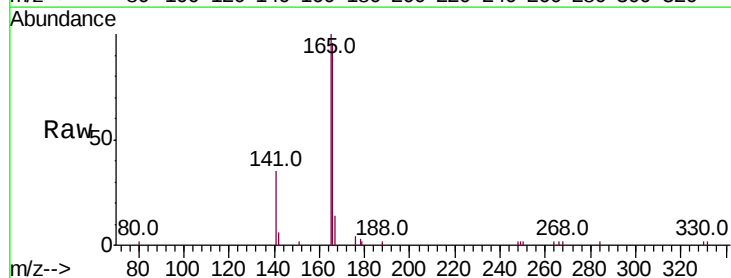


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

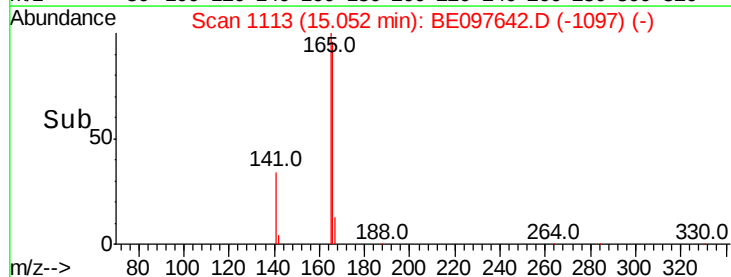
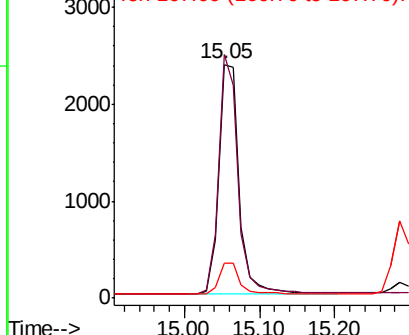


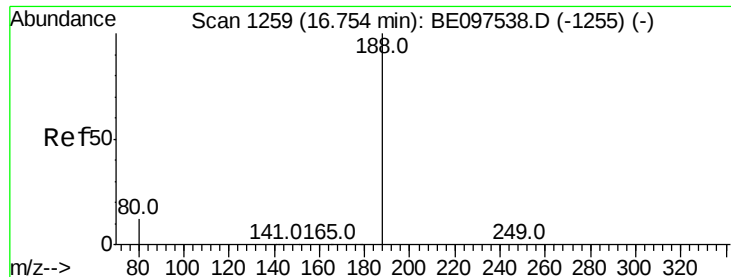
#18
Fluorene
Concen: 0.419 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

Tgt Ion:166 Resp: 4468
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.6
167 13.3 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# 1259

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

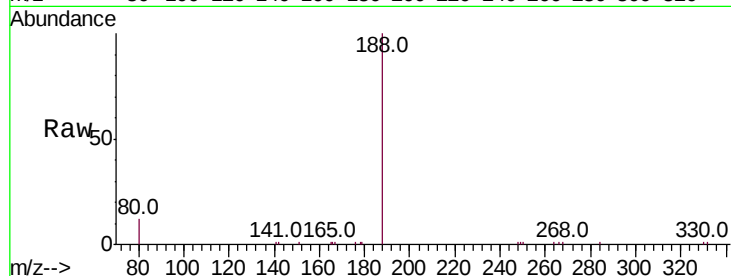
Tot Ion:188 Resp: 9530

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

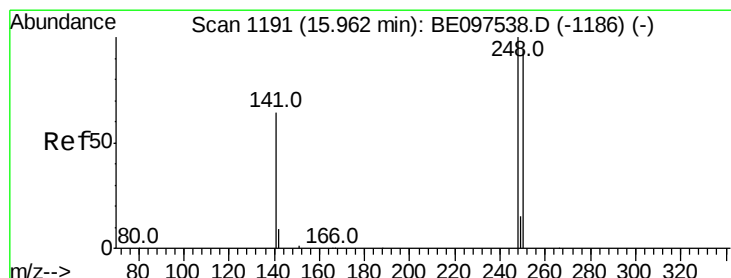
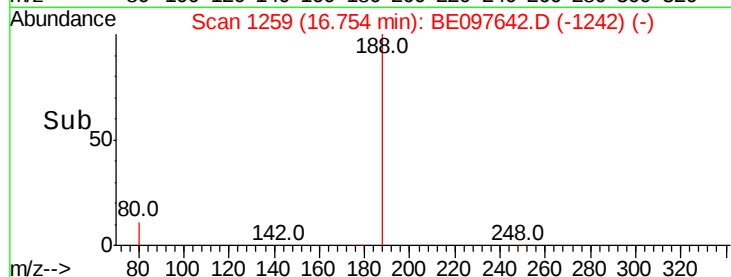
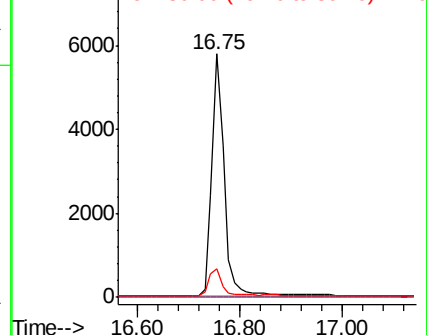
80 11.6 3.6 5.4#



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: 0.393 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

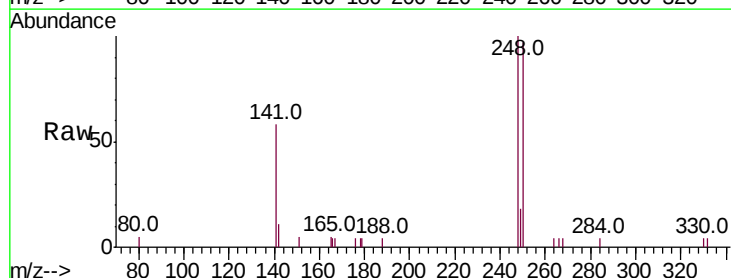
Tgt Ion:248 Resp: 1688

Ion Ratio Lower Upper

248 100

250 96.8 62.7 94.1#

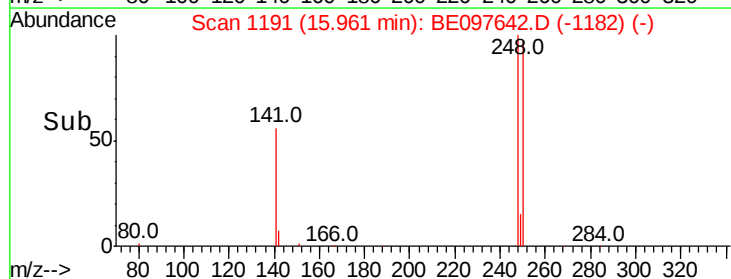
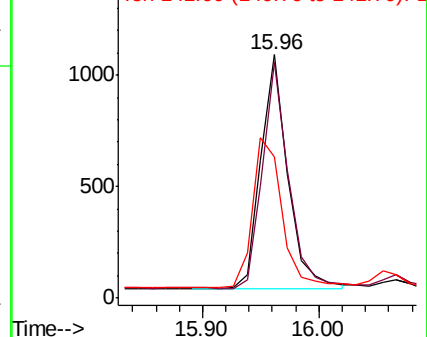
141 57.9 48.2 72.2

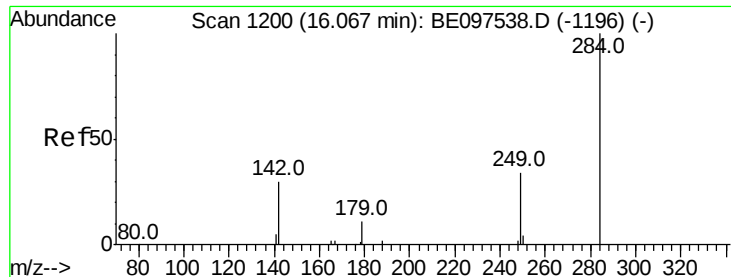


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

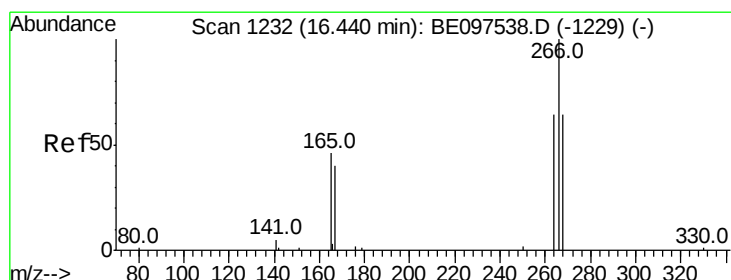
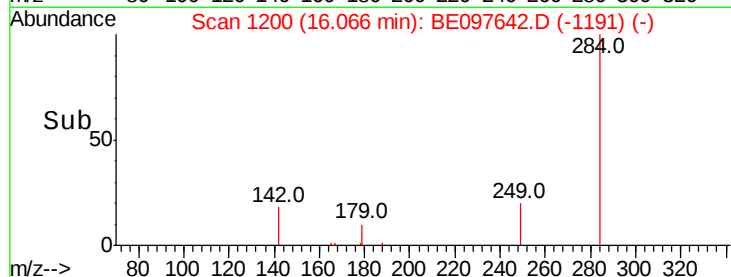
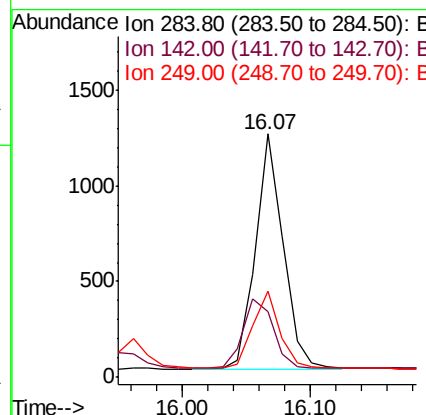
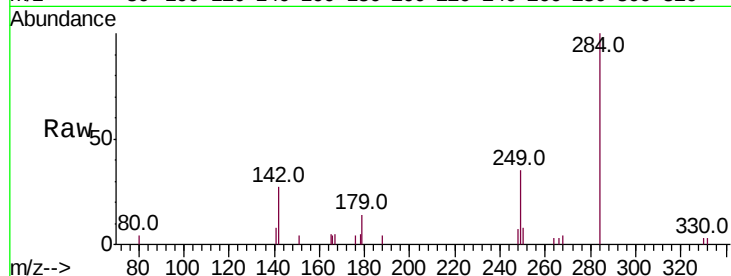




#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

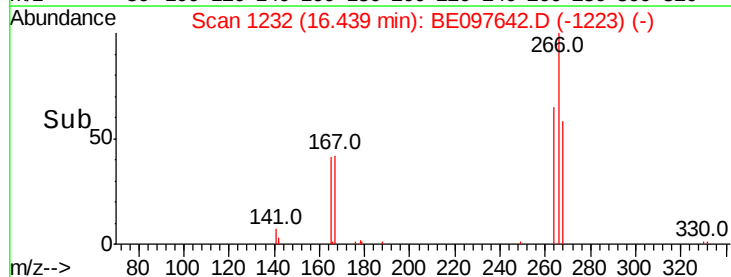
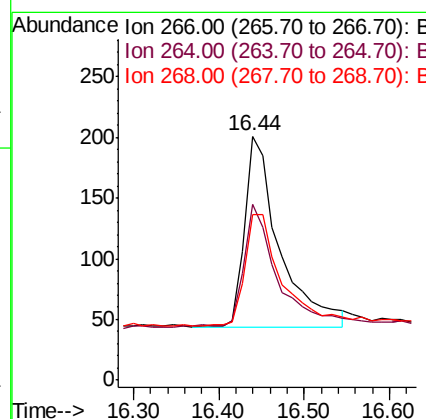
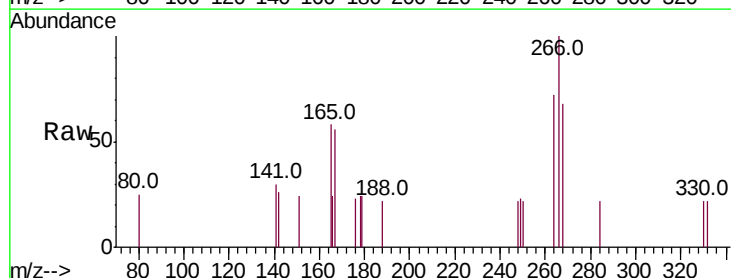
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

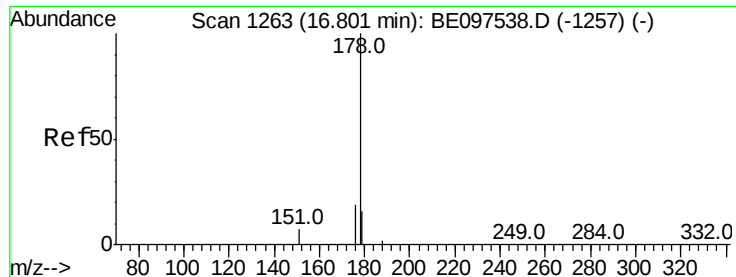
Tot Ion:284 Resp: 1857
Ion Ratio Lower Upper
284 100
142 32.2 22.1 33.1
249 31.3 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.341 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE097642.D
Acq: 22 Sep 2018 10:35

Tgt Ion:266 Resp: 447
Ion Ratio Lower Upper
266 100
264 72.1 72.5 108.7#
268 67.7 73.8 110.6#





#23

Phenanthrene

Concen: 0.390 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

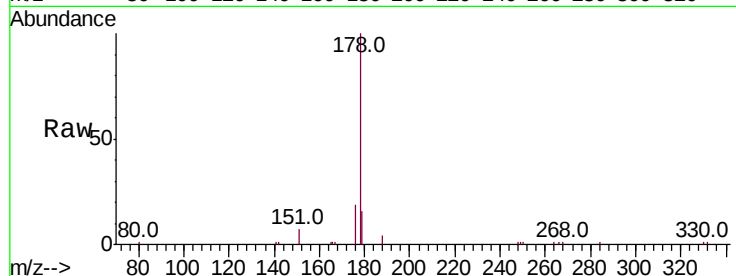
Tot Ion:178 Resp: 8820

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

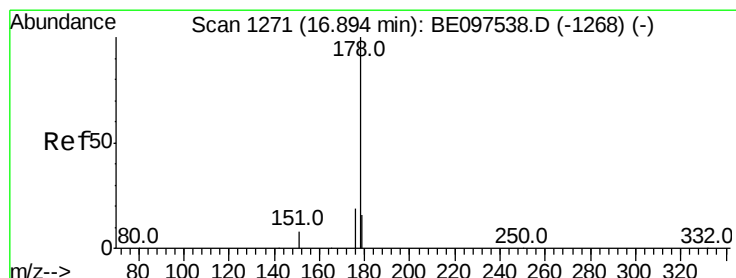
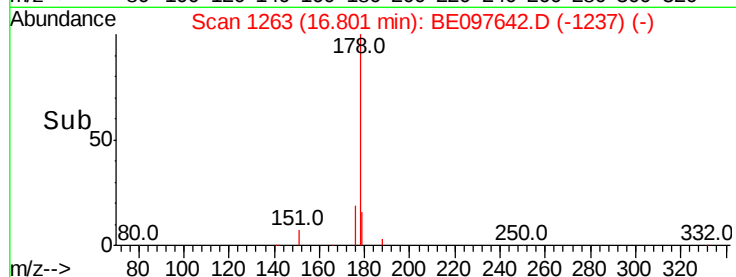
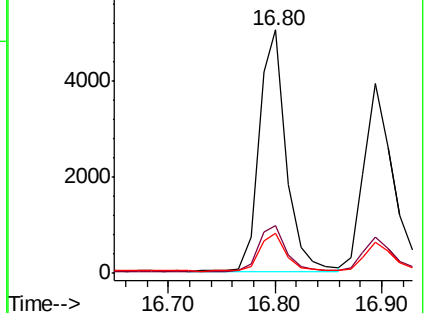
179 15.5 11.8 17.6



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# 1271

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

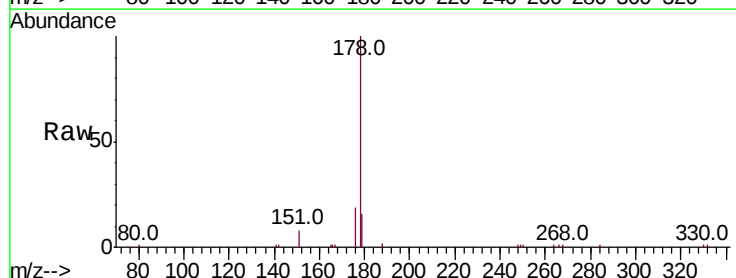
Tgt Ion:178 Resp: 7281

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

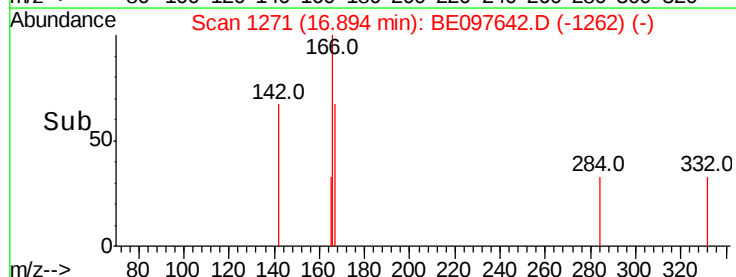
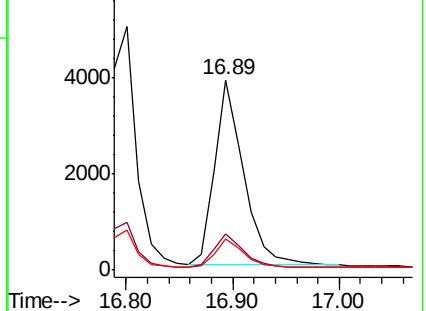
179 15.1 13.0 19.6

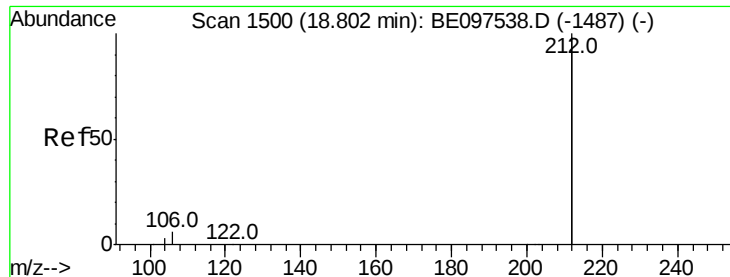


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

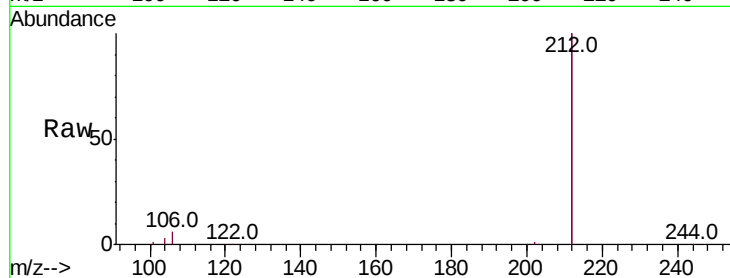
Tot Ion:212 Resp: 38906

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

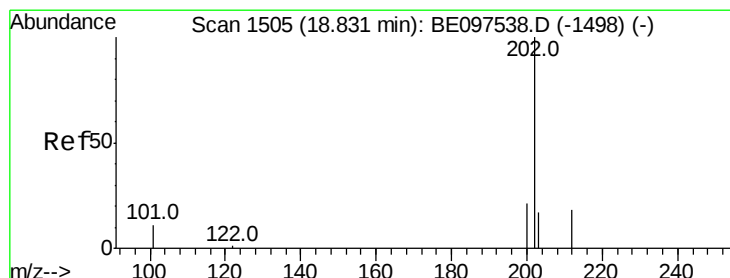
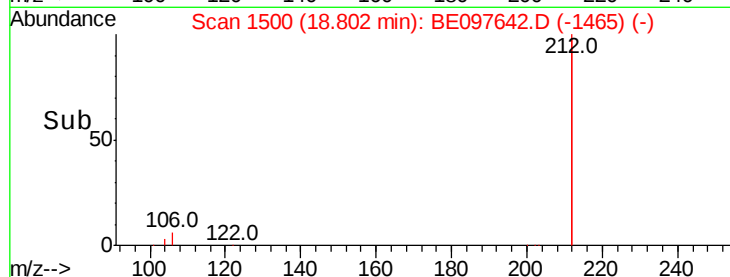
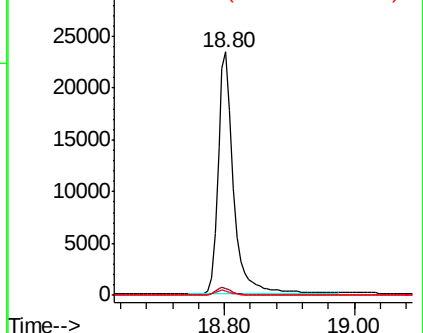
104 1.8 1.6 2.4



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: 0.328 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

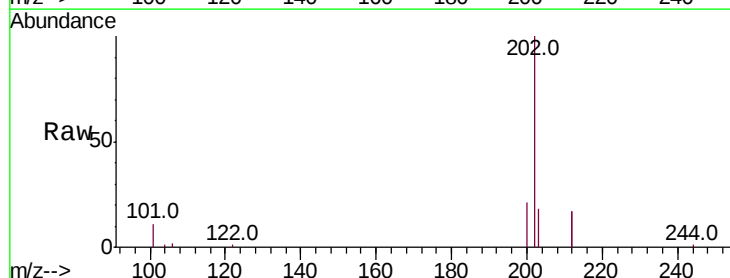
Tgt Ion:202 Resp: 10304

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

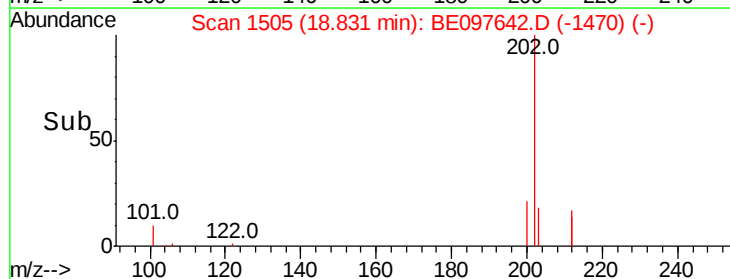
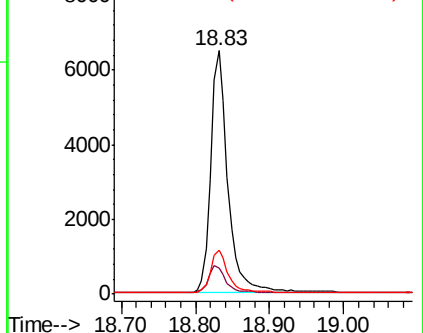
203 17.4 13.7 20.5

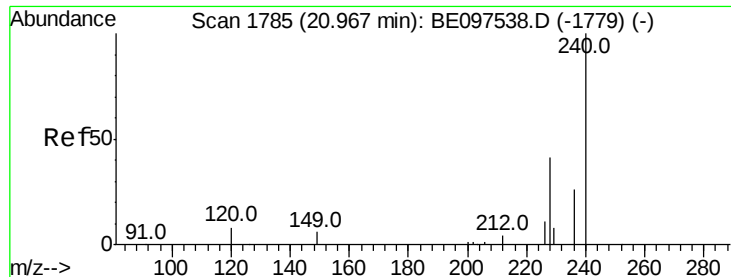


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

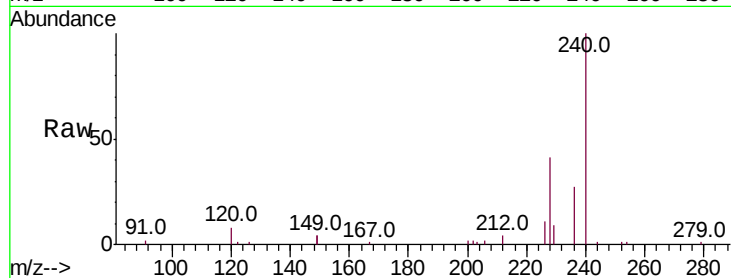
Tot Ion:240 Resp: 10232

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

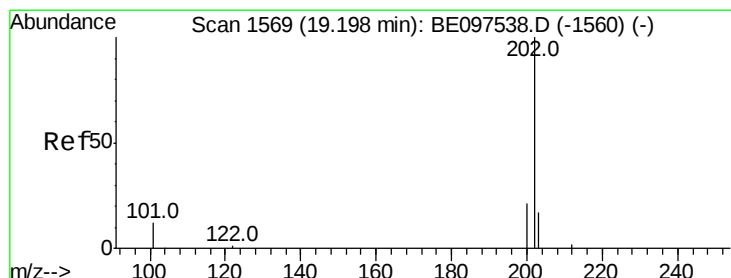
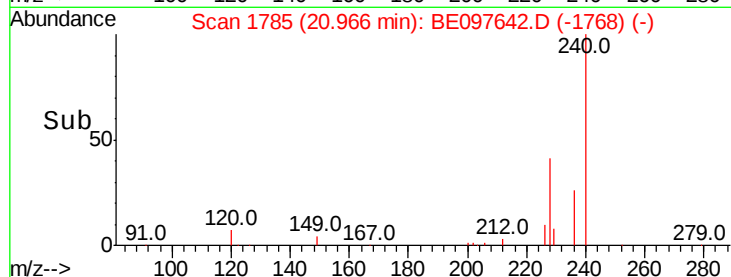
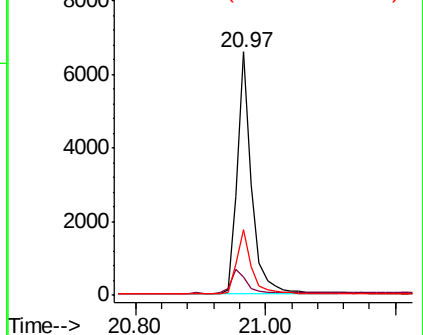
236 26.8 20.7 31.1



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: 0.449 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

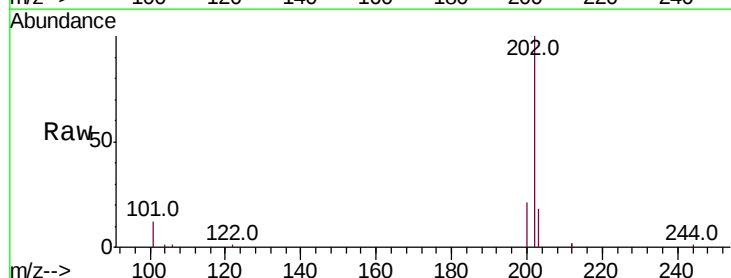
Tgt Ion:202 Resp: 10459

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

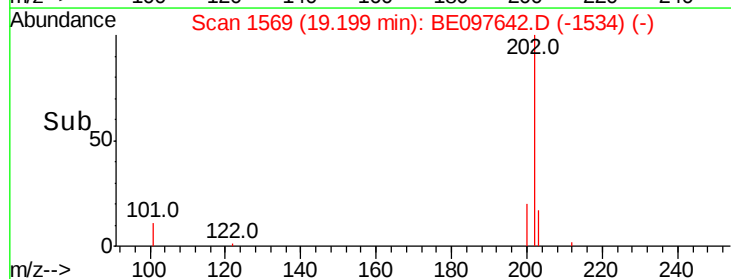
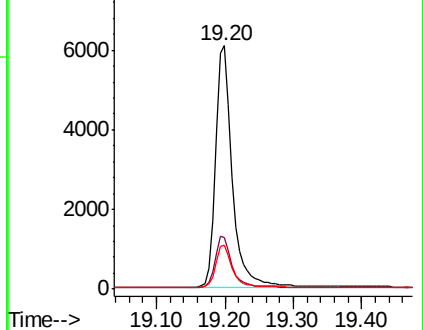
203 17.1 13.8 20.8

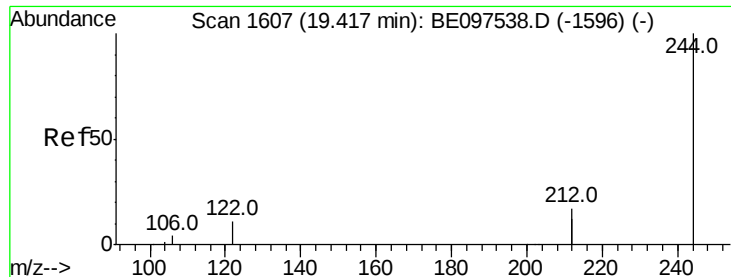


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

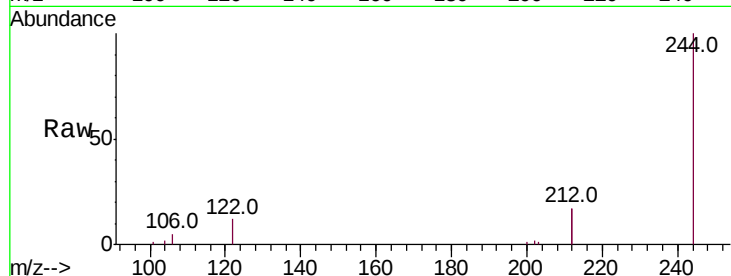
Tot Ion:244 Resp: 7730

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

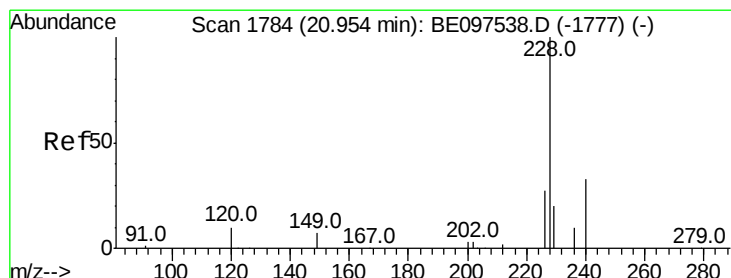
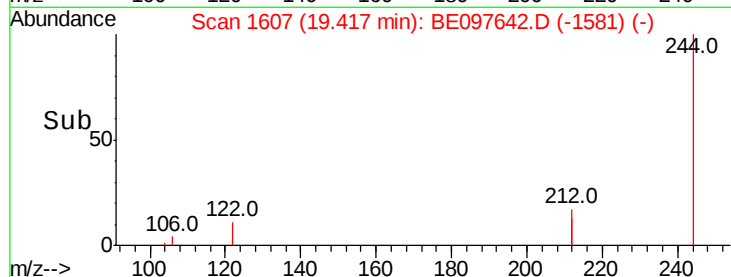
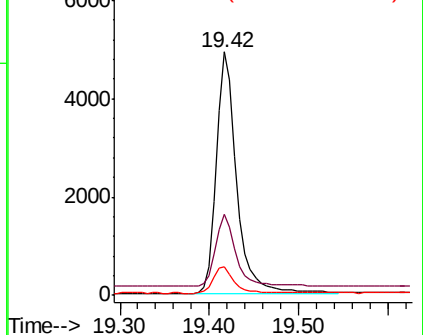
122 11.8 8.1 12.1



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: 0.357 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

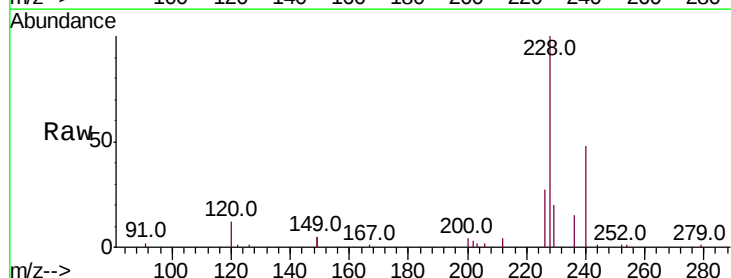
Tgt Ion:228 Resp: 9204

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

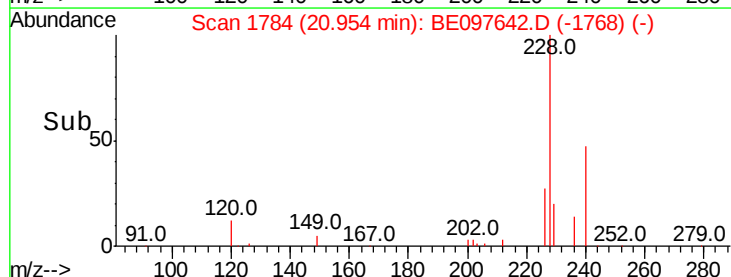
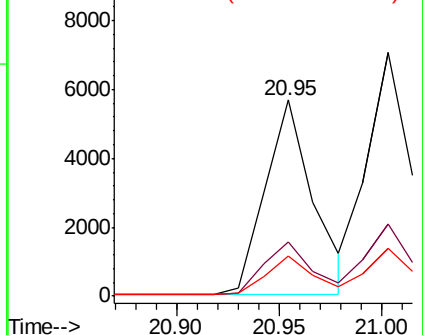
229 20.2 16.0 24.0

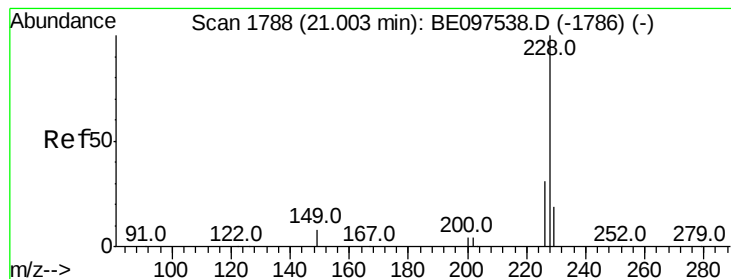


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



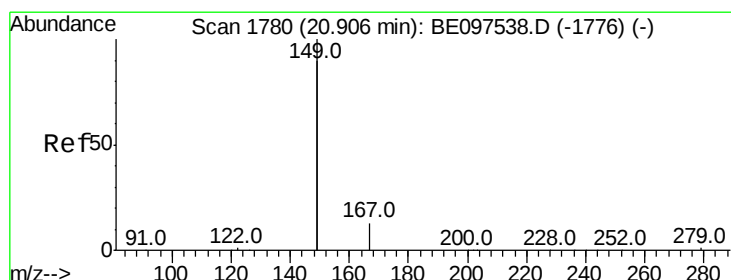
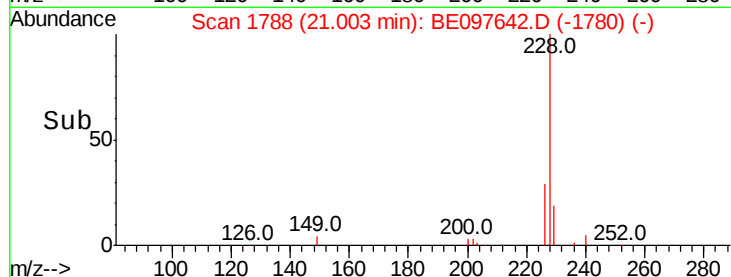
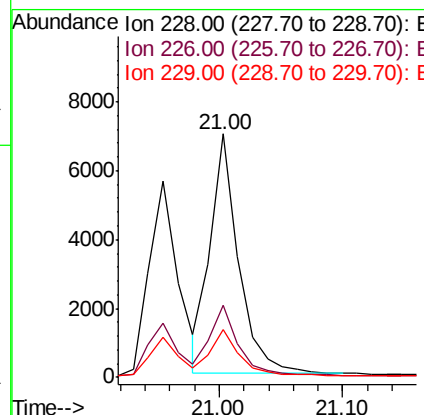
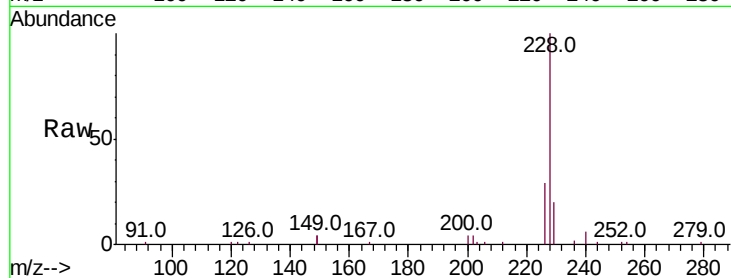


#31
 Chrysene
 Concen: 0.403 ng
 RT: 21.00 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BE097642.D
 Acq: 22 Sep 2018 10:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:228 Resp: 11145

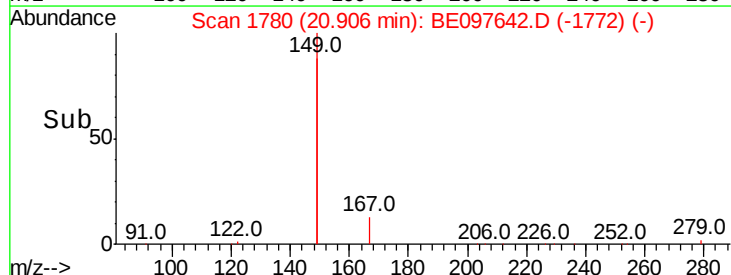
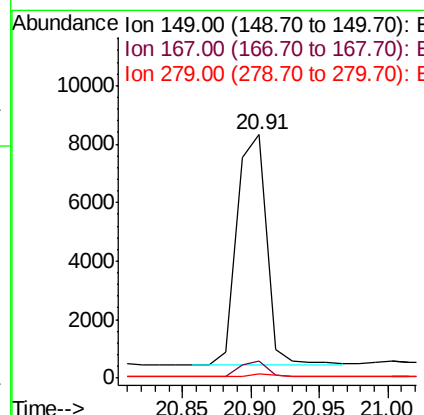
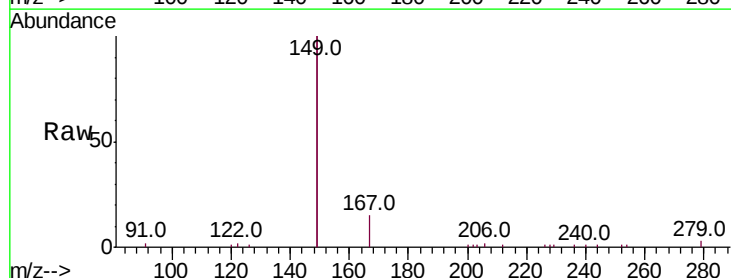
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.8	16.0	24.0

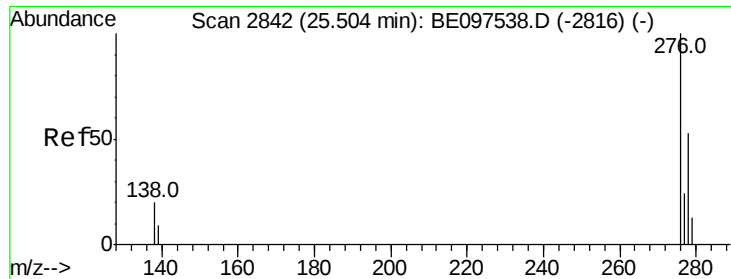


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.285 ng
 RT: 20.91 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BE097642.D
 Acq: 22 Sep 2018 10:35

Tgt Ion:149 Resp: 11884

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng

RT: 25.50 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

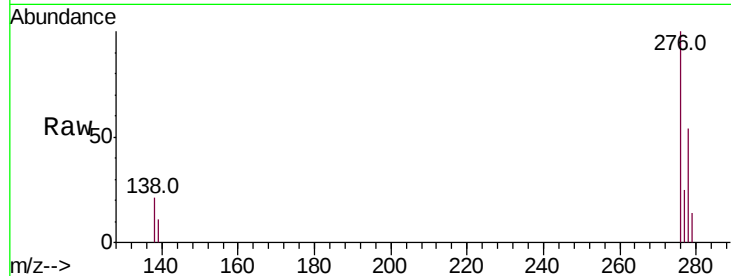
Tot Ion:276 Resp: 12853

Ion Ratio Lower Upper

276 100

138 21.5 22.5 33.7#

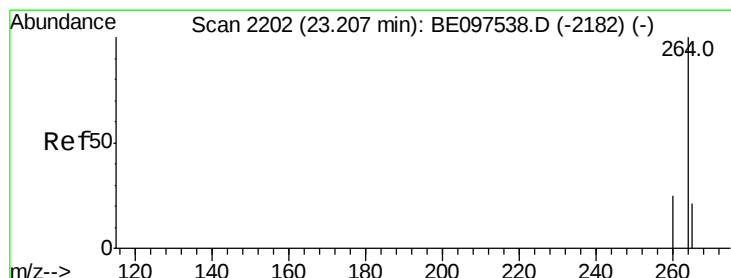
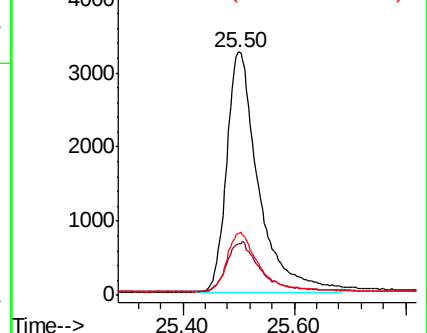
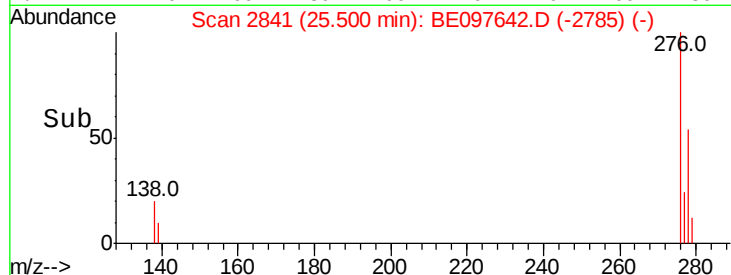
277 25.0 19.9 29.9



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: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

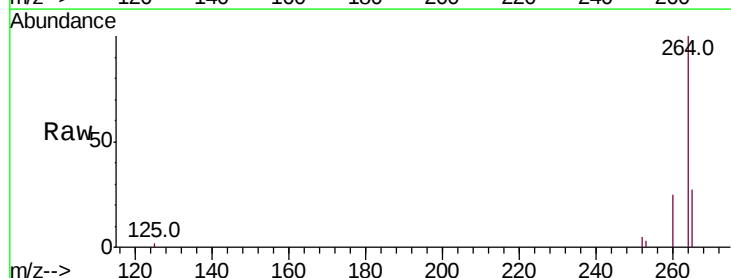
Tgt Ion:264 Resp: 9960

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

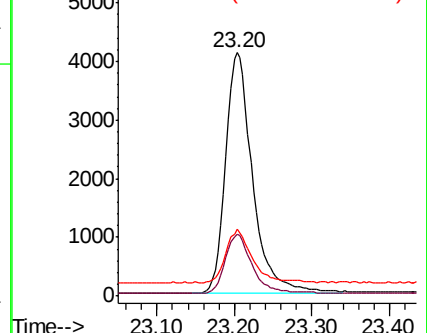
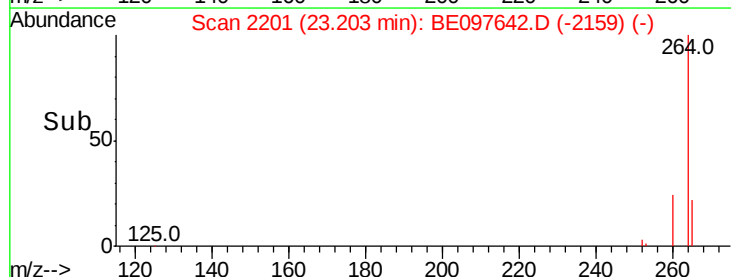
265 27.4 22.8 34.2

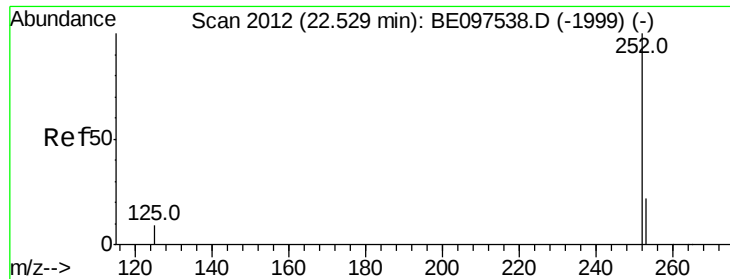


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

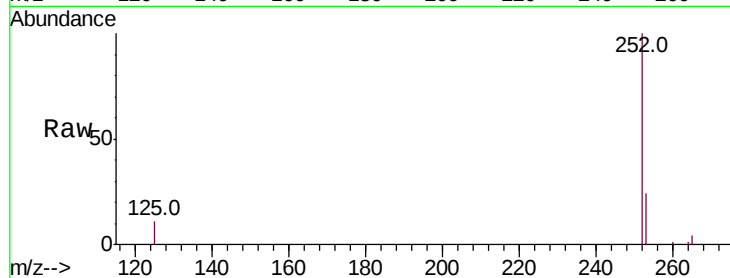
Tot Ion:252 Resp: 9416

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

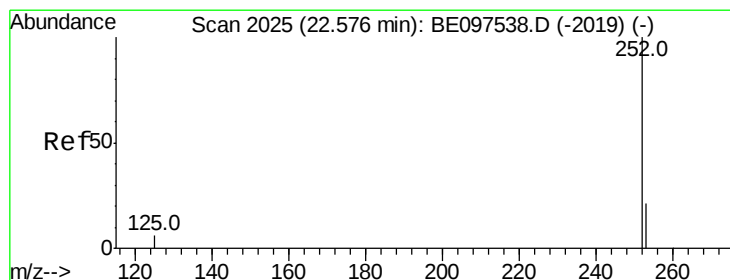
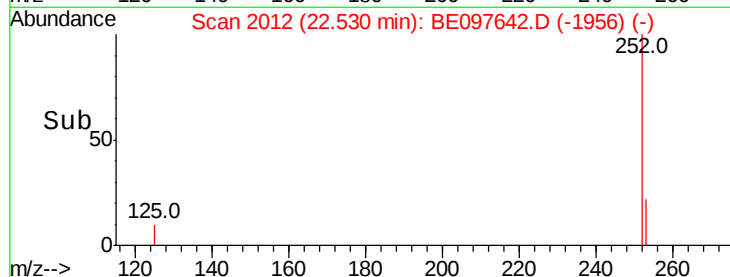
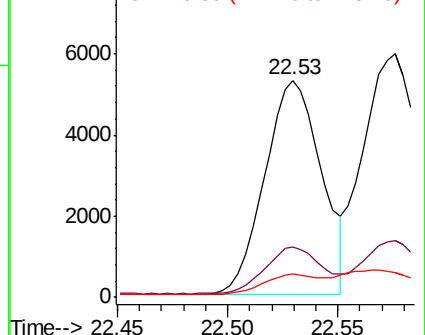
125 10.9 16.0 24.0#



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: 0.402 ng

RT: 22.58 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

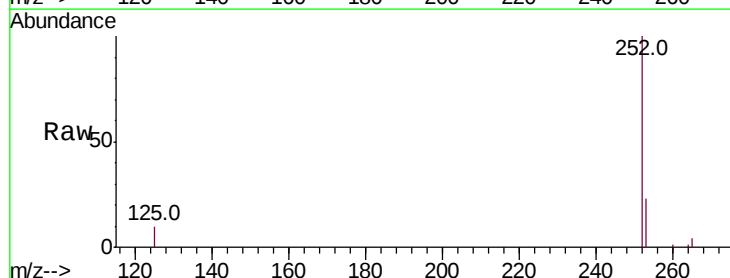
Tgt Ion:252 Resp: 11714

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

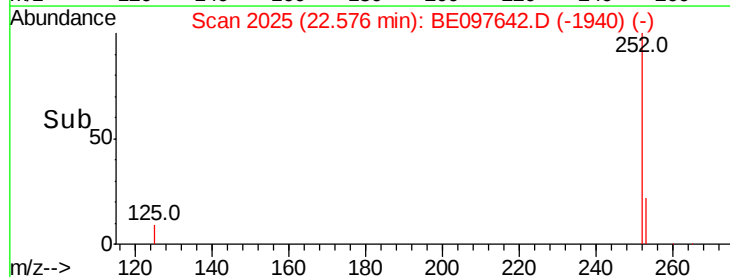
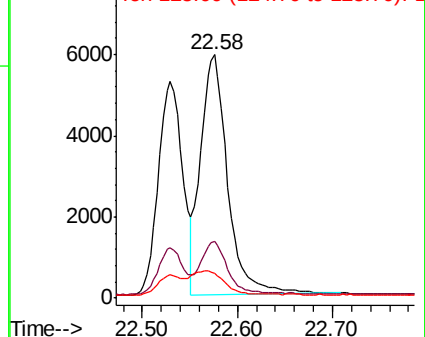
125 10.3 8.0 12.0

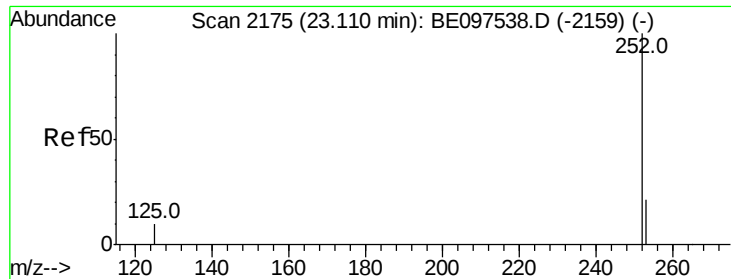


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.11 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

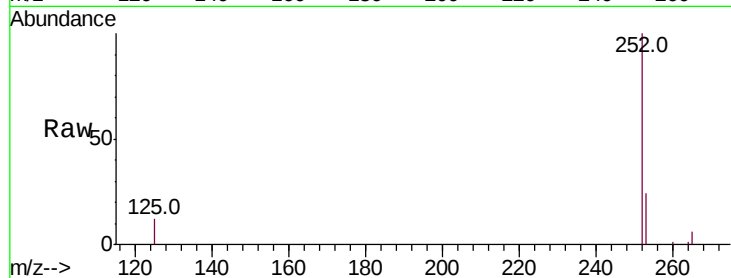
Tot Ion:252 Resp: 9456

Ion Ratio Lower Upper

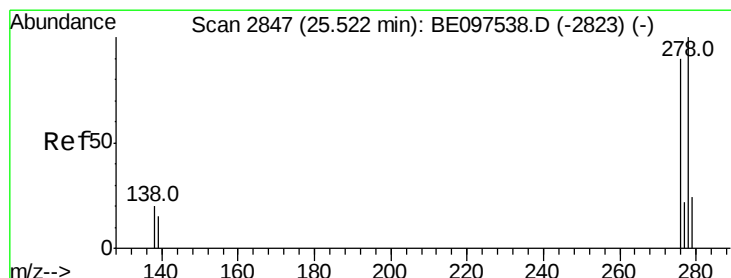
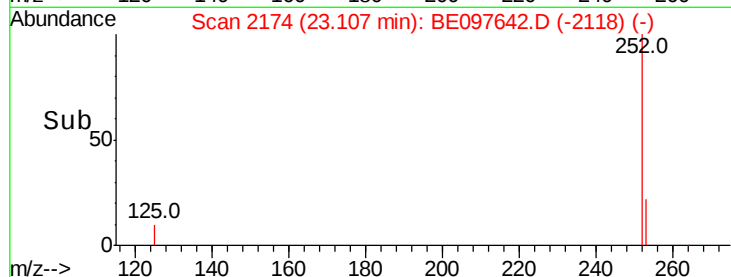
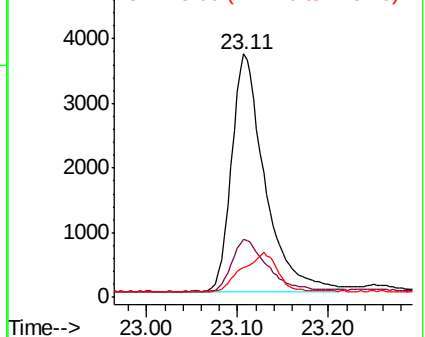
252 100

253 23.9 16.0 24.0

125 12.1 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: 0.393 ng

RT: 25.52 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

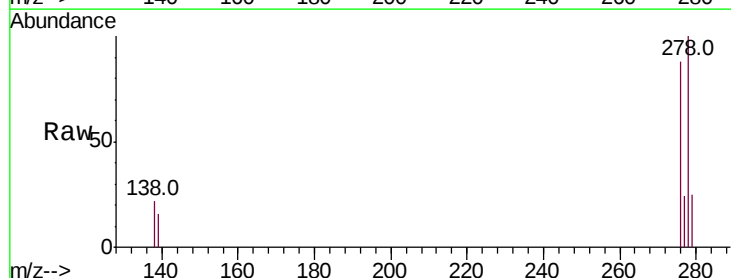
Tgt Ion:278 Resp: 10514

Ion Ratio Lower Upper

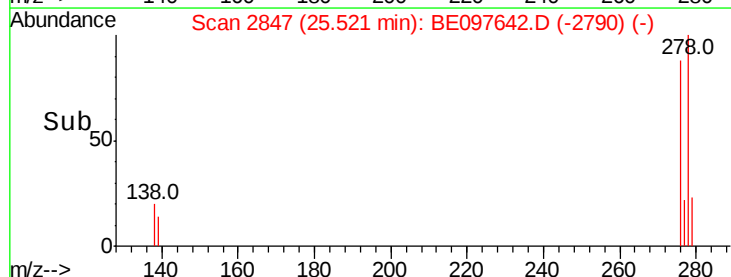
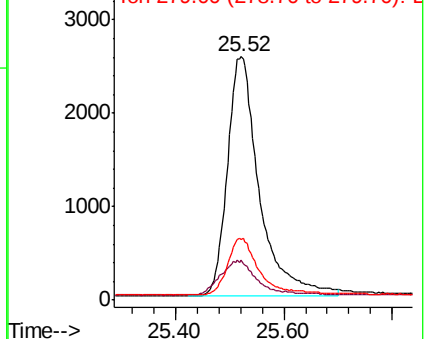
278 100

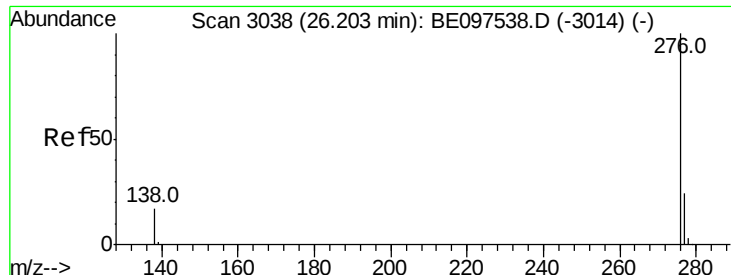
139 16.3 16.0 24.0

279 24.9 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: 0.392 ng

RT: 26.20 min Scan# 3038

Delta R.T. 0.00 min

Lab File: BE097642.D

Acq: 22 Sep 2018 10:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

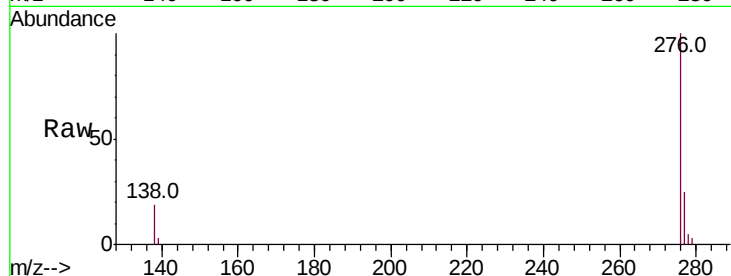
Tot Ion:276 Resp: 10202

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 19.3 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

