

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
 Data File : BE097718.D
 Acq On : 3 Oct 2018 19:16
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Oct 04 04:43:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4846	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	19951	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11179	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	30719	0.40	ng	0.00
27) Chrysene-d12	21.49	240	41223	0.40	ng	0.00
34) Perylene-d12	24.04	264	40883	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	4455	0.39	ng	0.00
5) Phenol-d6	7.04	99	6574	0.37	ng	0.00
8) Nitrobenzene-d5	9.04	82	2972	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	11895	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	867	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	18410	0.37	ng	-0.01
25) Fluoranthene-d10	19.33	212	143278	0.37	ng	0.00
29) Terphenyl-d14	19.94	244	30244	0.36	ng	0.00

Target Compounds

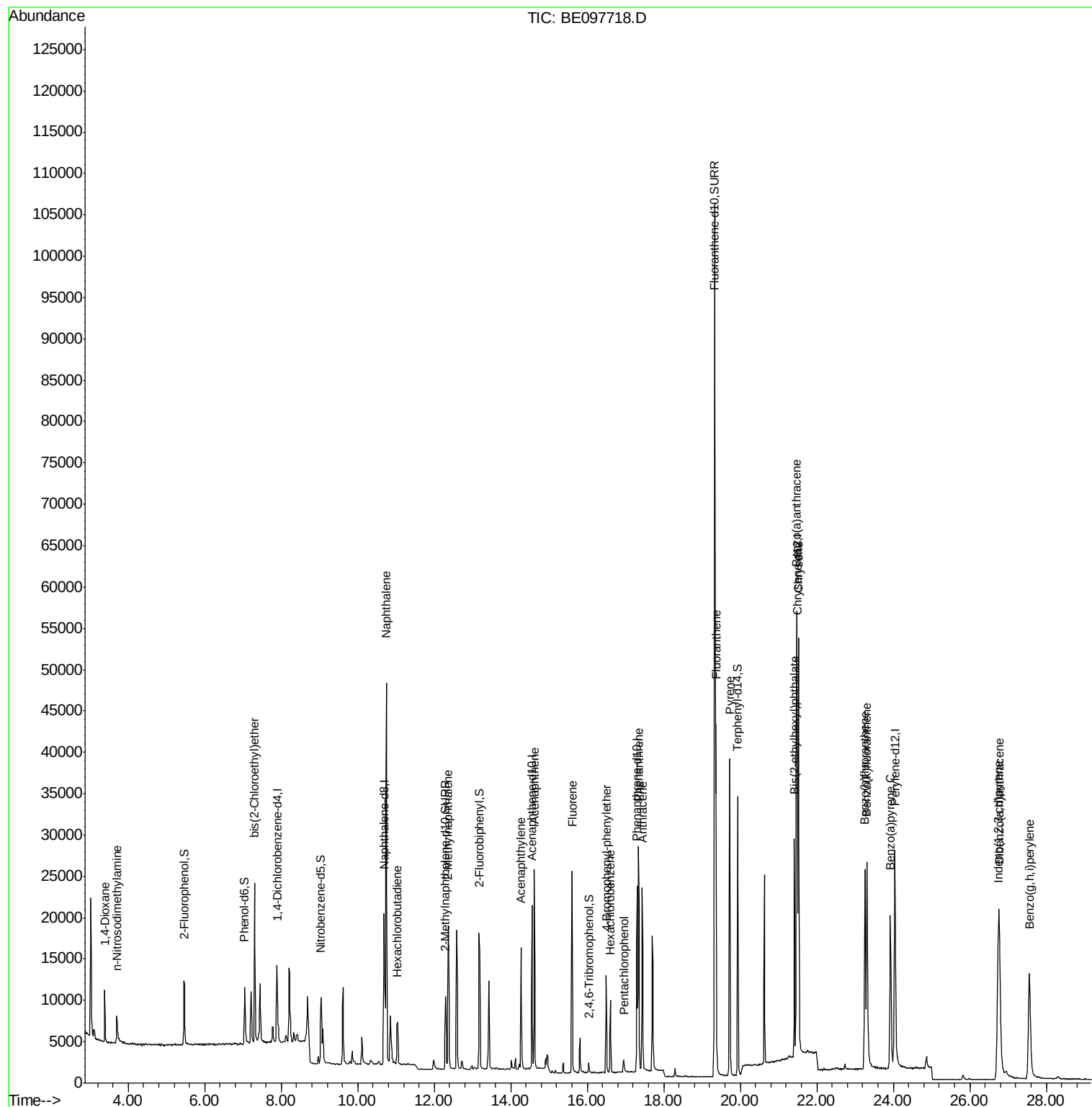
					Qvalue
2) 1,4-Dioxane	3.39	88	3756	0.389 ng	96
3) n-Nitrosodimethylamine	3.70	42	3251	0.370 ng	# 90
6) bis(2-Chloroethyl)ether	7.31	93	6775	0.373 ng	98
9) Naphthalene	10.75	128	76235	0.379 ng	100
10) Hexachlorobutadiene	11.04	225	4017	0.376 ng	99
12) 2-Methylnaphthalene	12.37	142	12334	0.383 ng	100
16) Acenaphthylene	14.27	152	17649	0.356 ng	99
17) Acenaphthene	14.62	154	12069	0.381 ng	98
18) Fluorene	15.60	166	16489	0.392 ng	97
20) 4-Bromophenyl-phenylether	16.50	248	6142	0.381 ng	98
21) Hexachlorobenzene	16.60	284	7072	0.390 ng	97
22) Pentachlorophenol	16.95	266	1222	0.430 ng	94
23) Phenanthrene	17.34	178	29748	0.376 ng	100
24) Anthracene	17.43	178	24930	0.365 ng	99
26) Fluoranthene	19.36	202	37121	0.368 ng	100
28) Pyrene	19.72	202	37714	0.360 ng	100
30) Benzo(a)anthracene	21.47	228	39631	0.358 ng	99
31) Chrysene	21.52	228	46249	0.373 ng	99
32) Bis(2-ethylhexyl)phthalate	21.41	149	31139	0.384 ng	99
33) Indeno(1,2,3-cd)pyrene	26.74	276	42104	0.391 ng	99
35) Benzo(b)fluoranthene	23.26	252	36636	0.327 ng	98
36) Benzo(k)fluoranthene	23.31	252	43676	0.351 ng	100
37) Benzo(a)pyrene	23.92	252	34453	0.339 ng	99
38) Dibenzo(a,h)anthracene	26.77	278	34889	0.349 ng	99
39) Benzo(g,h,i)perylene	27.55	276	36593	0.350 ng	98

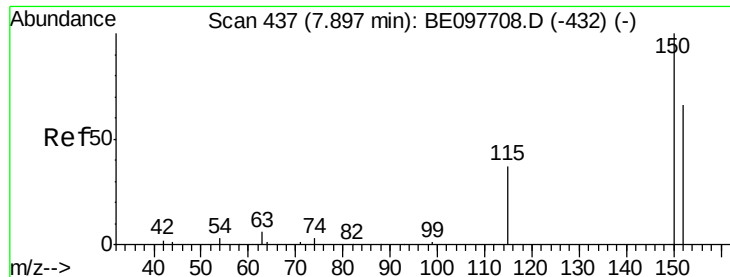
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097718.D
Acq On : 3 Oct 2018 19:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 04 04:43:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

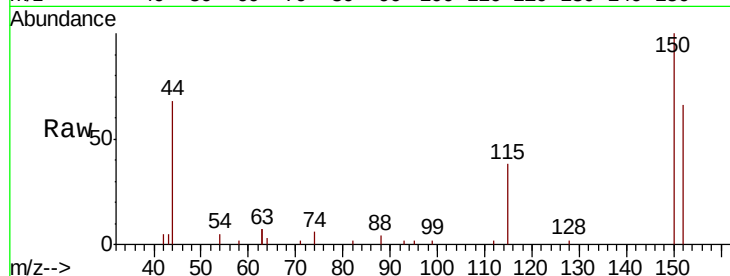
Tgt Ion:152 Resp: 4846

Ion Ratio Lower Upper

152 100

150 151.5 120.9 181.3

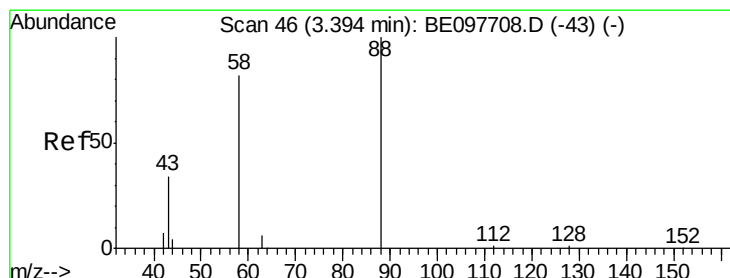
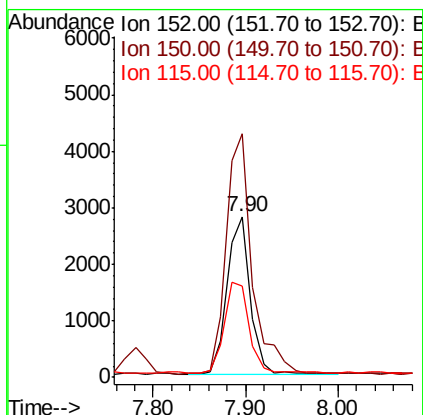
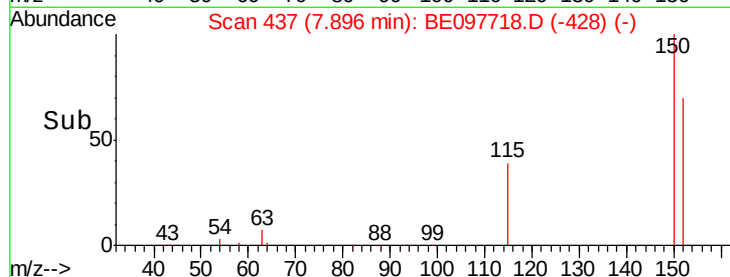
115 57.0 46.6 69.8



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: 0.389 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

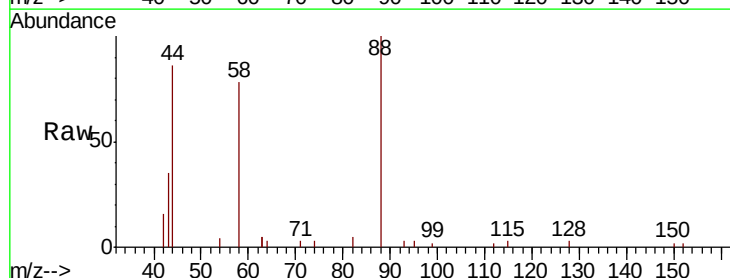
Tgt Ion: 88 Resp: 3756

Ion Ratio Lower Upper

88 100

58 85.0 70.8 106.2

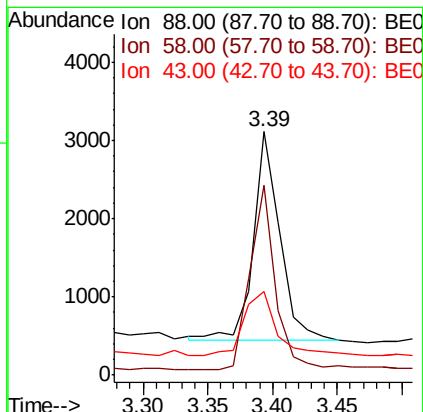
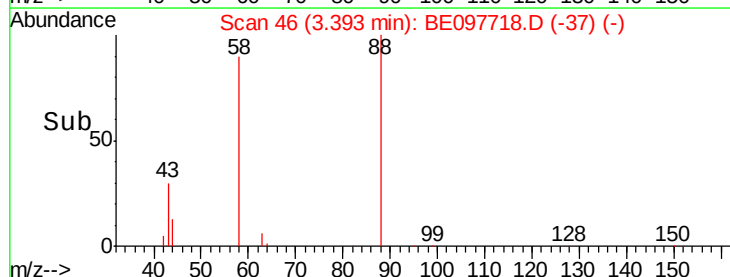
43 39.2 33.3 49.9

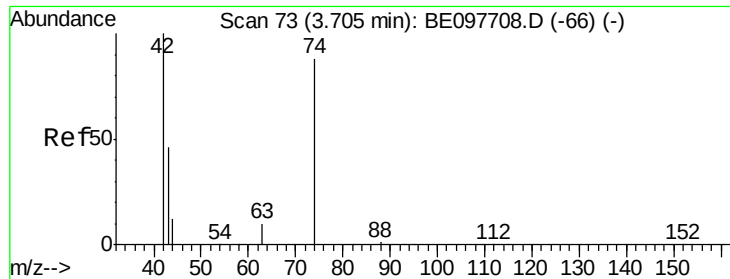


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

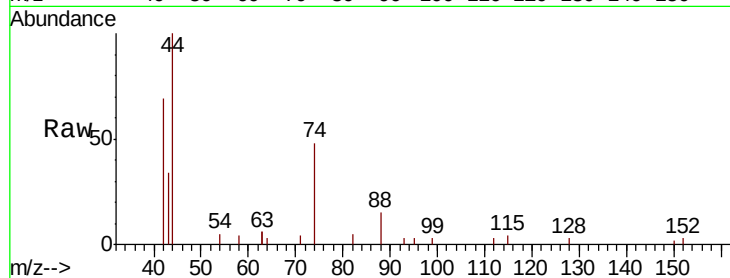
Tgt Ion: 42 Resp: 3251

Ion Ratio Lower Upper

42 100

74 84.8 70.7 106.1

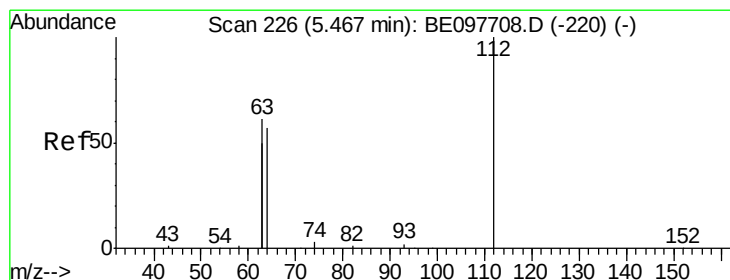
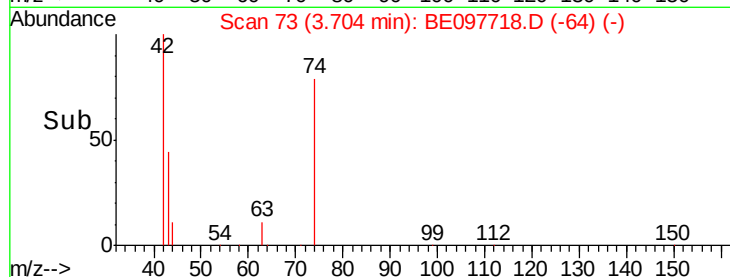
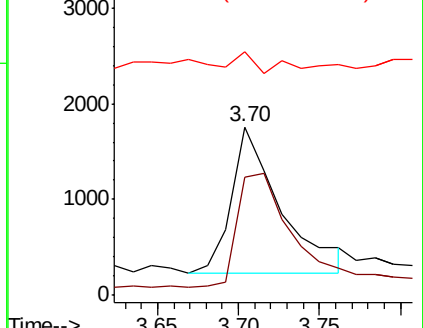
44 0.0 15.0 22.4#



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: 0.389 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

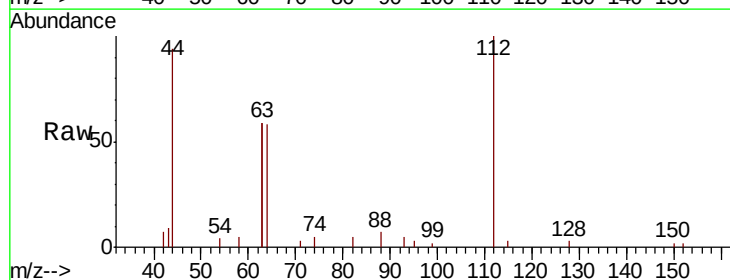
Tgt Ion: 112 Resp: 4455

Ion Ratio Lower Upper

112 100

64 69.8 56.6 84.8

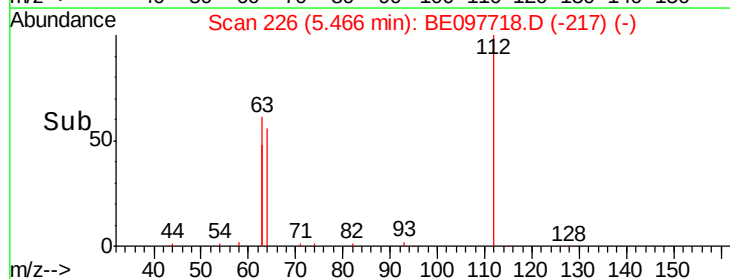
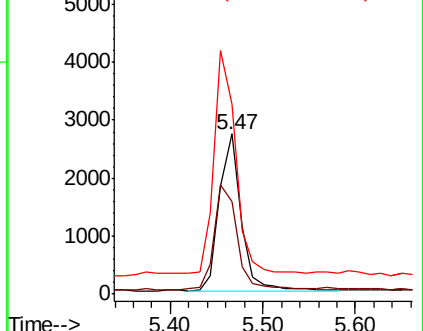
63 138.1 119.4 179.0

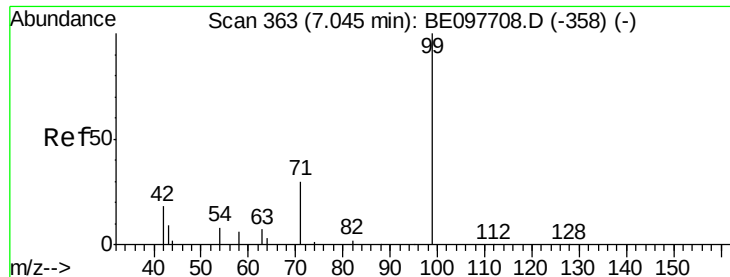


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.374 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

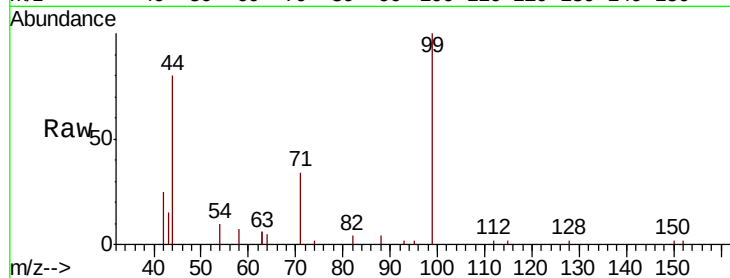
Tgt Ion: 99 Resp: 6574

Ion Ratio Lower Upper

99 100

42 27.2 19.9 29.9

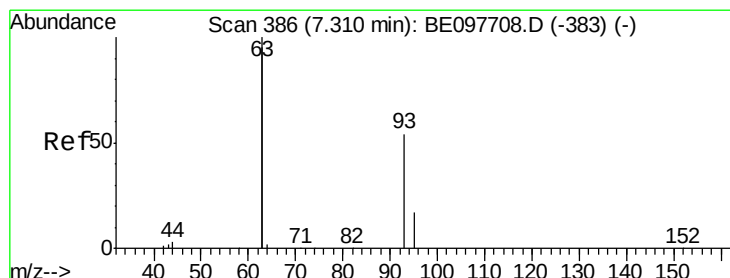
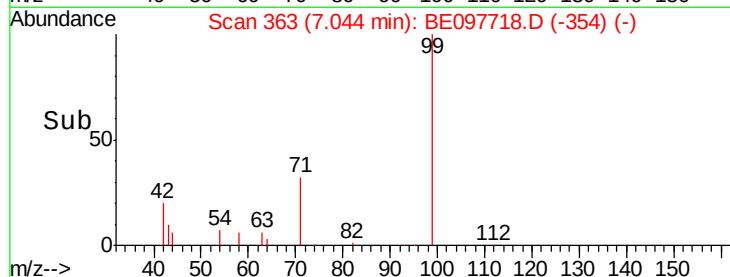
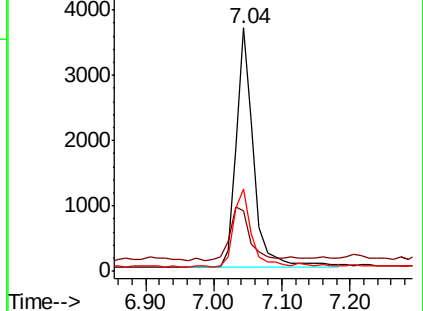
71 32.3 25.4 38.2



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: 0.373 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

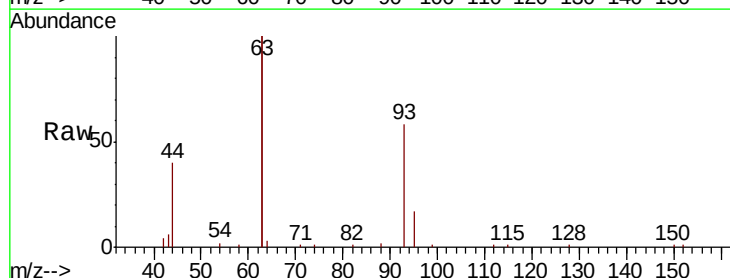
Tgt Ion: 93 Resp: 6775

Ion Ratio Lower Upper

93 100

63 328.5 266.9 400.3

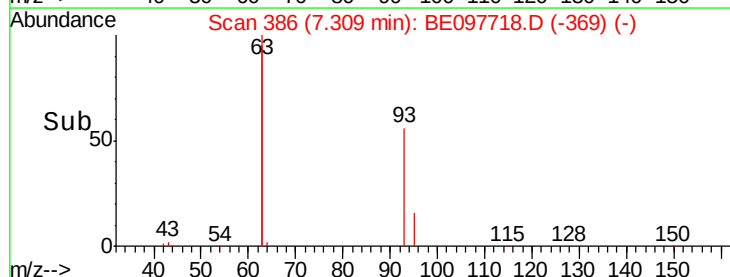
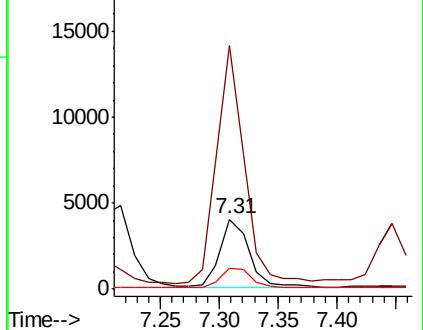
95 31.6 26.2 39.2

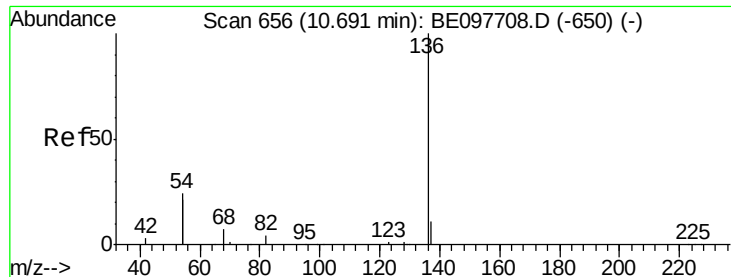


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 19951

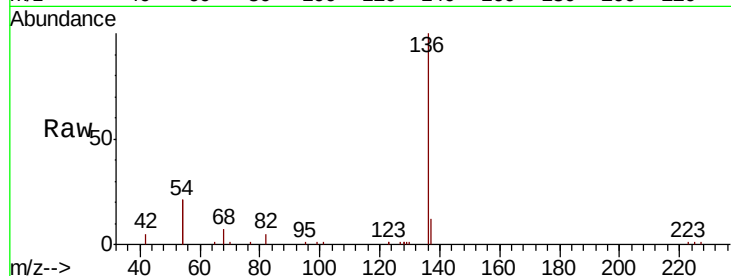
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 41.7 37.8 56.6

68 7.0 6.4 9.6

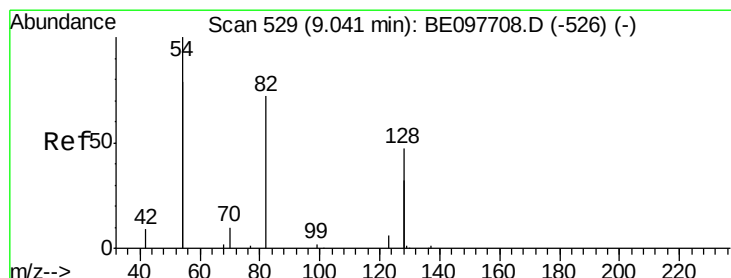
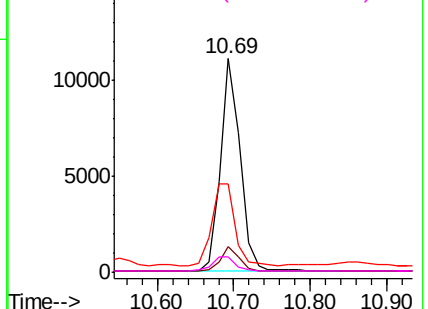
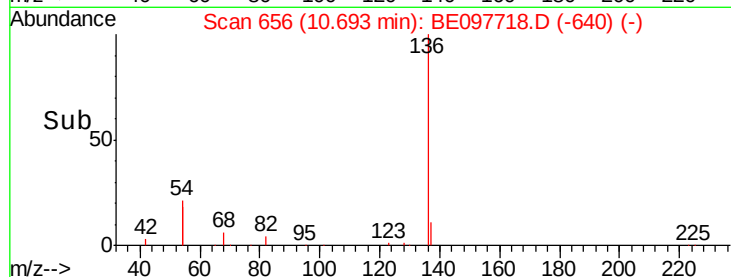


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.459 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

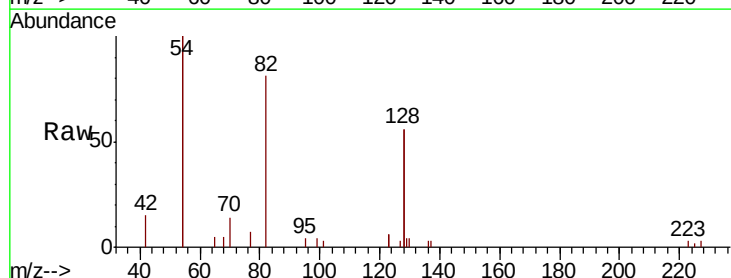
Tgt Ion: 82 Resp: 2972

Ion Ratio Lower Upper

82 100

128 137.4 97.0 145.4

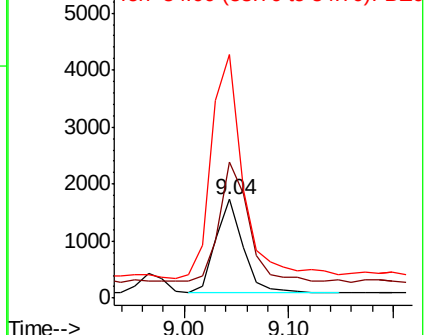
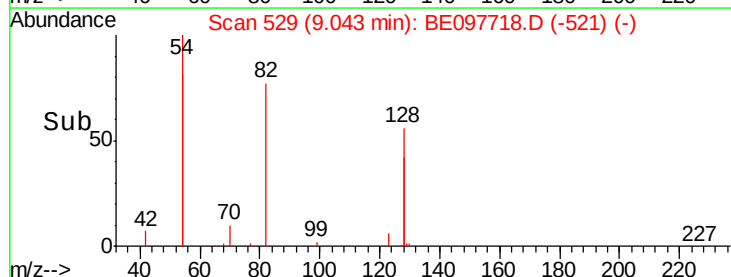
54 246.5 206.9 310.3

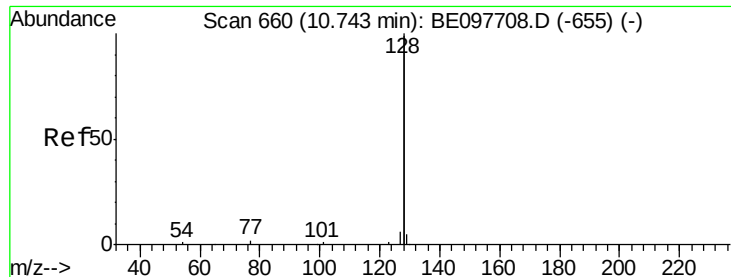


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

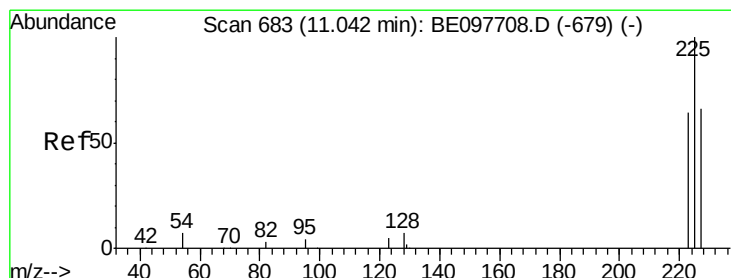
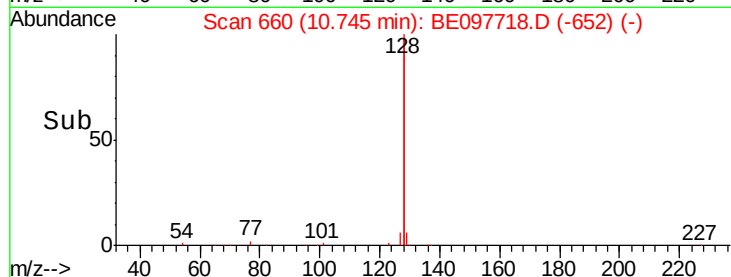
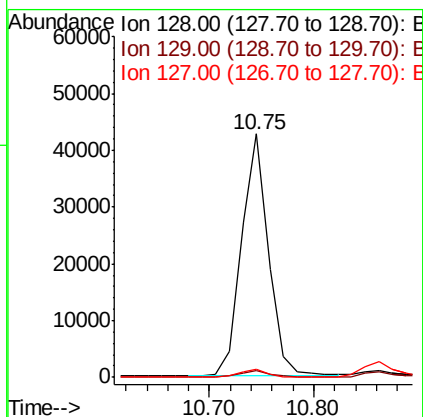
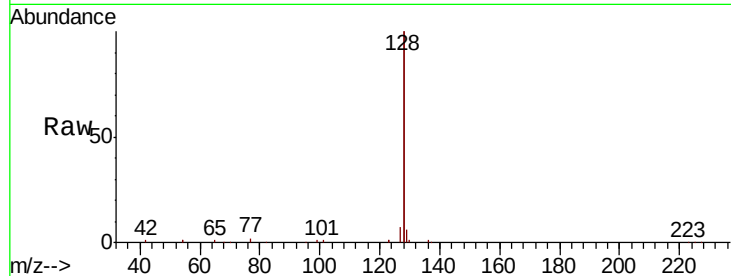




#9
Naphthalene
Concen: 0.379 ng
RT: 10.75 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

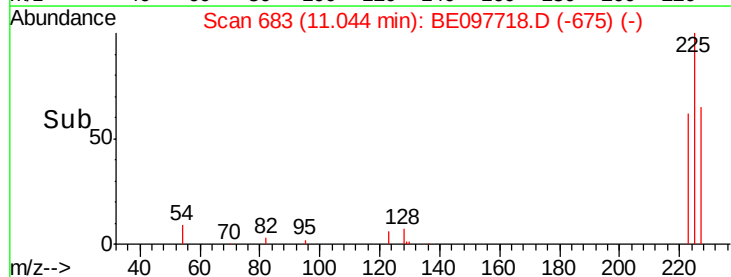
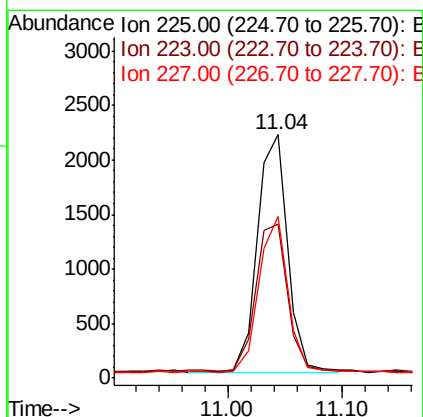
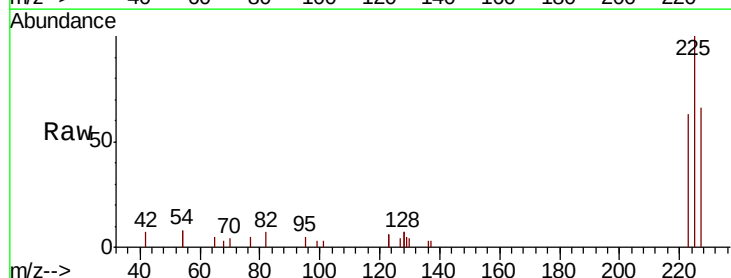
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

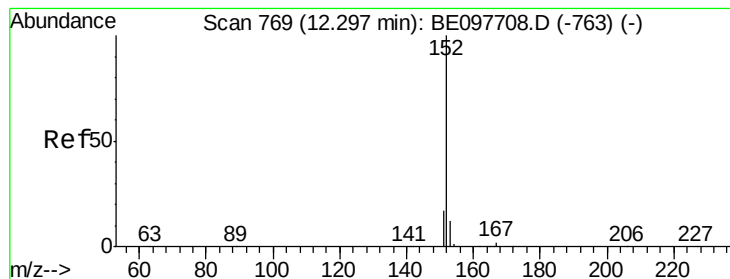
Tgt Ion:128 Resp: 76235
Ion Ratio Lower Upper
128 100
129 3.0 2.2 3.2
127 3.4 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Tgt Ion:225 Resp: 4017
Ion Ratio Lower Upper
225 100
223 64.2 52.2 78.4
227 63.0 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

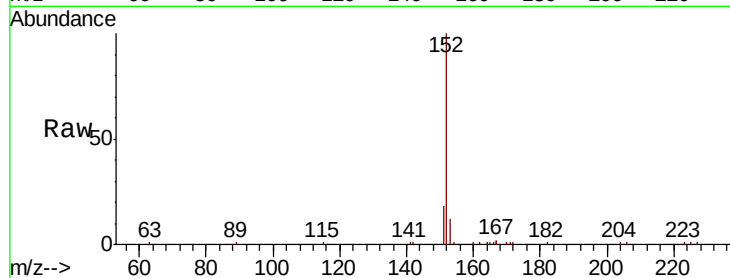
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11895

Ion Ratio Lower Upper

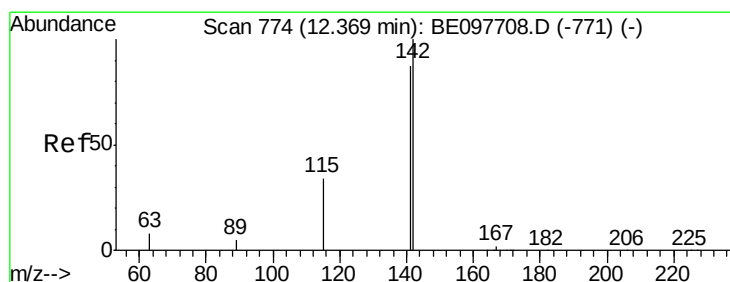
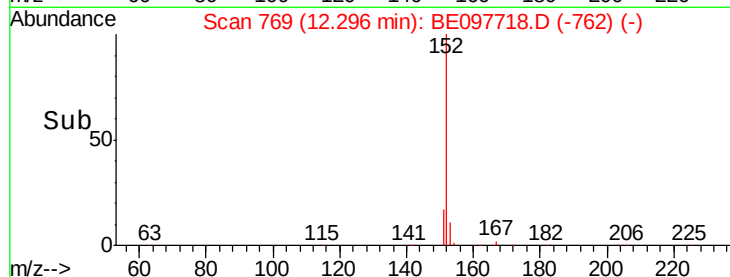
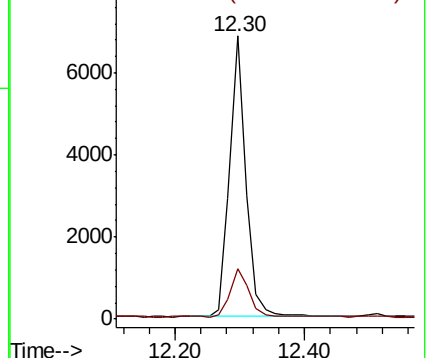
152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

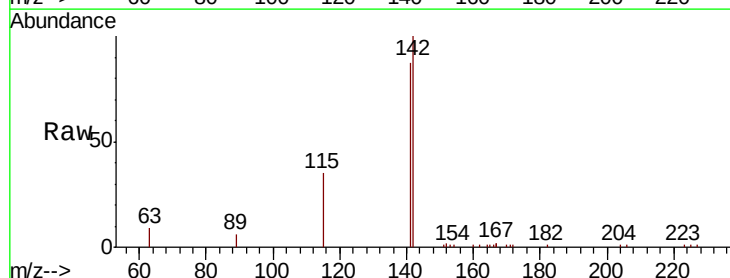
Tgt Ion:142 Resp: 12334

Ion Ratio Lower Upper

142 100

141 86.7 69.4 104.2

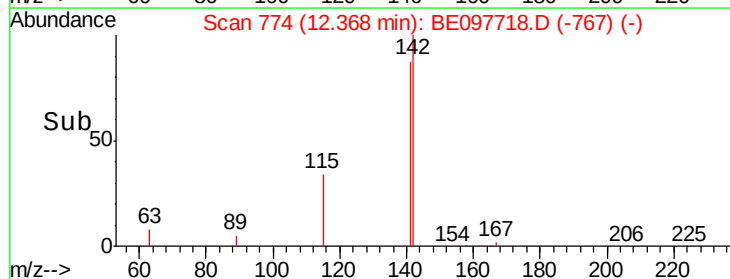
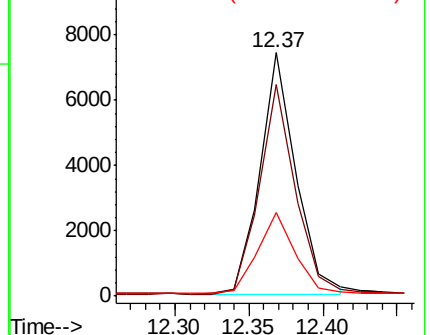
115 34.6 28.0 42.0

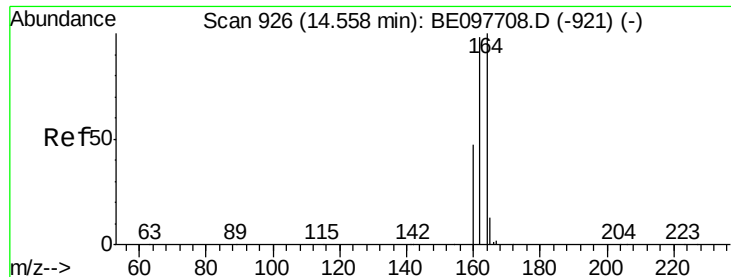


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

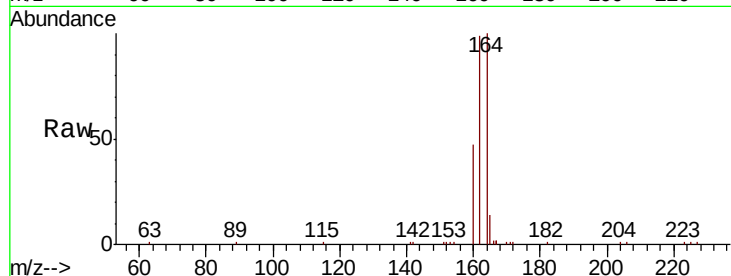
Tgt Ion:164 Resp: 11179

Ion Ratio Lower Upper

164 100

162 98.7 78.6 117.8

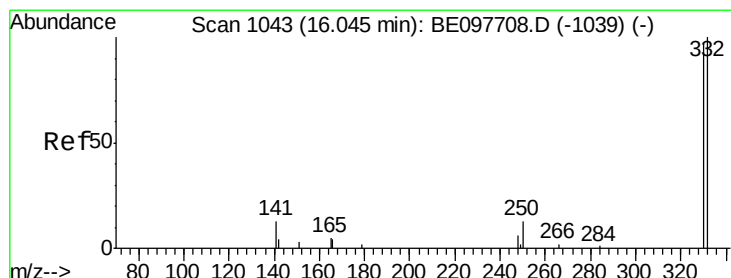
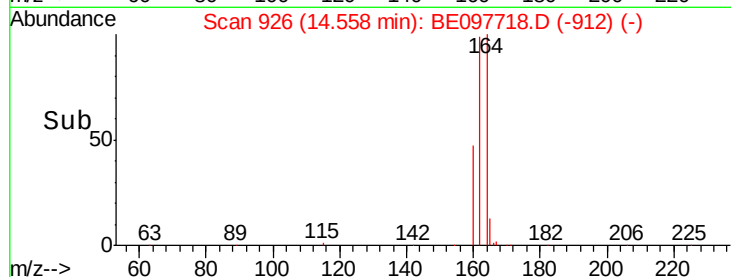
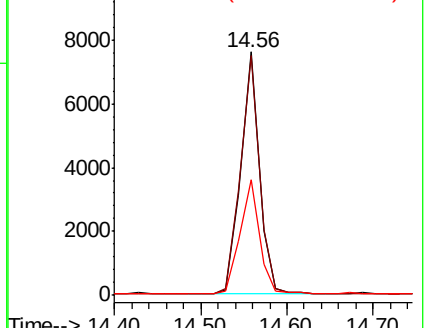
160 47.4 37.8 56.6



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: 0.428 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

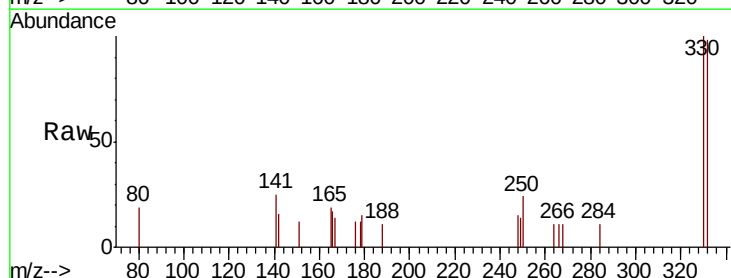
Tgt Ion:330 Resp: 867

Ion Ratio Lower Upper

330 100

332 95.4 83.5 125.3

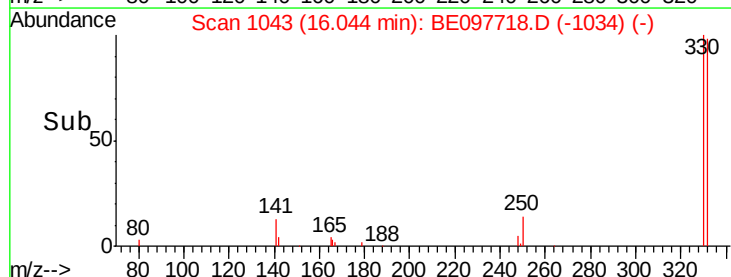
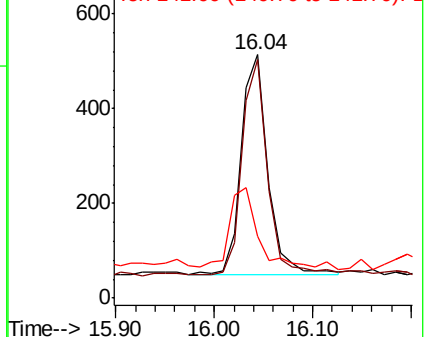
141 43.0 34.9 52.3

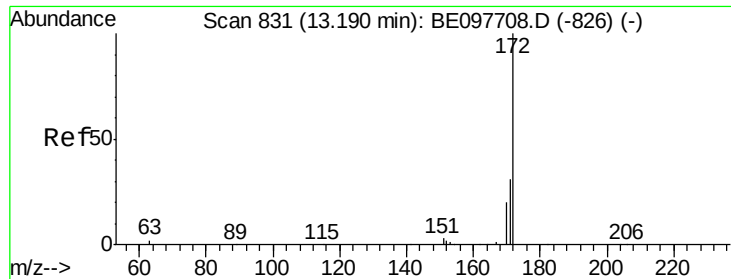


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

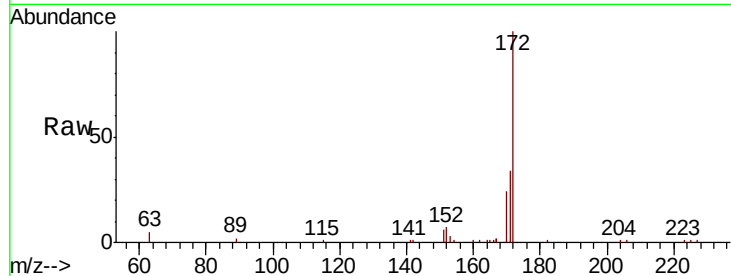




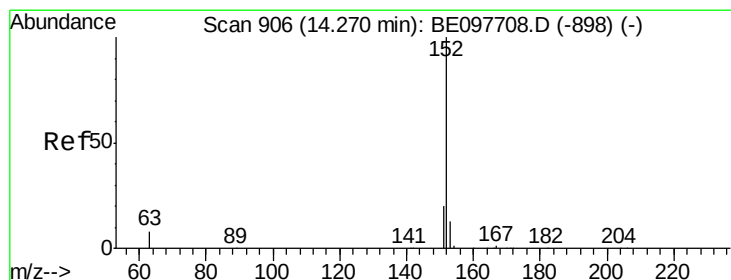
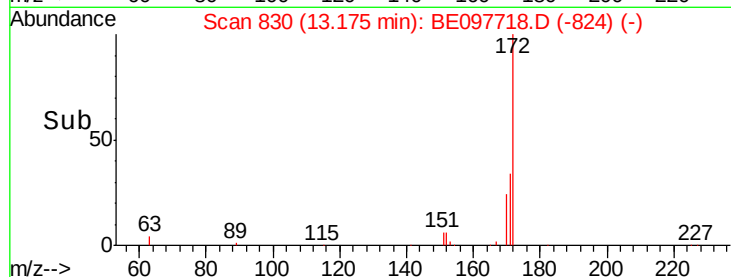
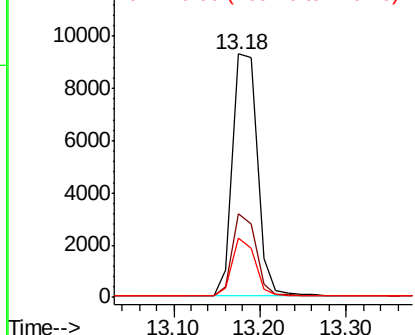
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.18 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 18410
Ion Ratio Lower Upper
172 100
171 34.2 25.2 37.8
170 24.2 16.2 24.2

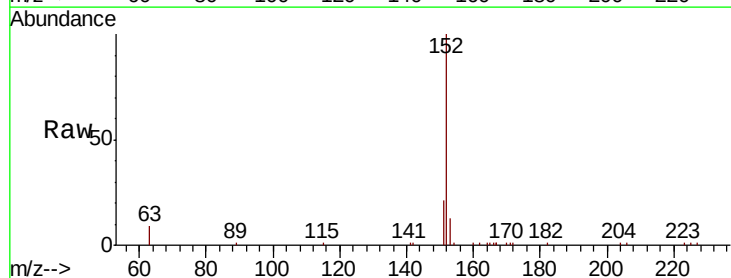


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

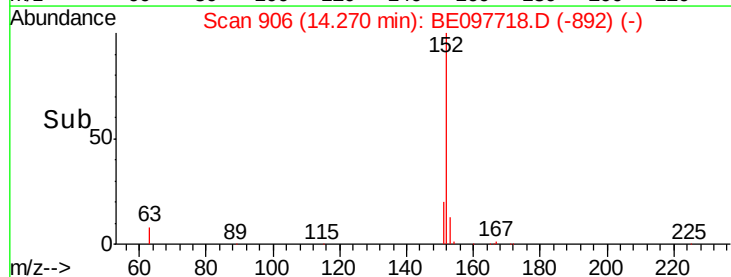
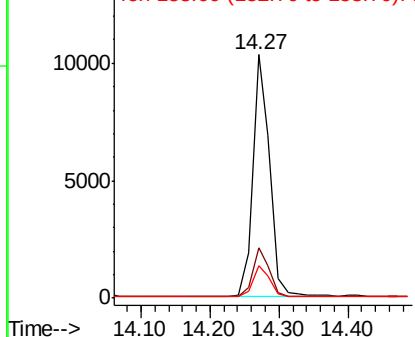


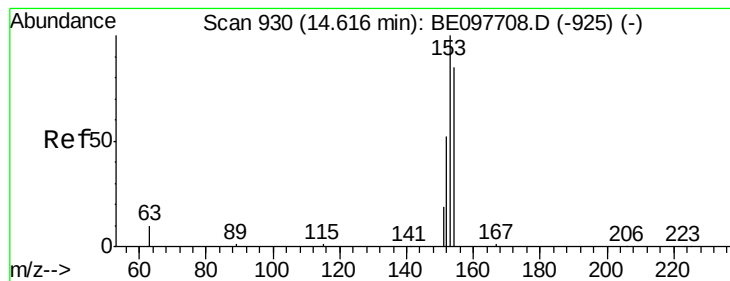
#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Tgt Ion:152 Resp: 17649
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.1 10.8 16.2



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: 0.381 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

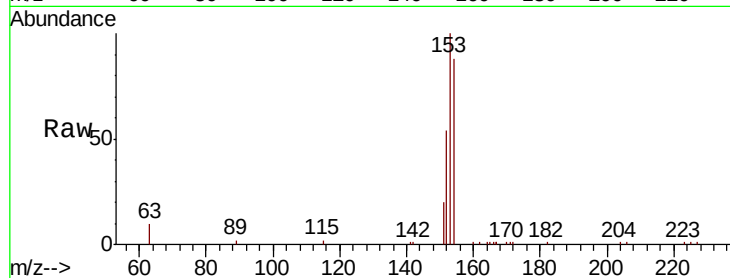
Tgt Ion:154 Resp: 12069

Ion Ratio Lower Upper

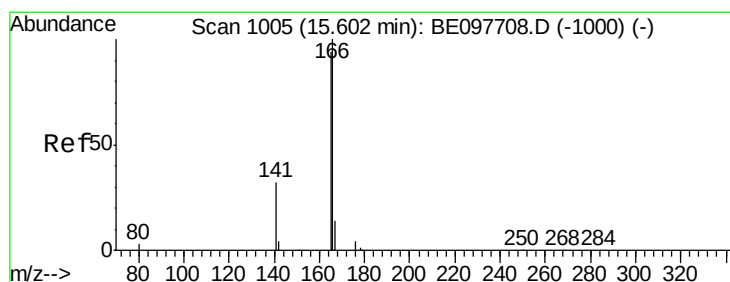
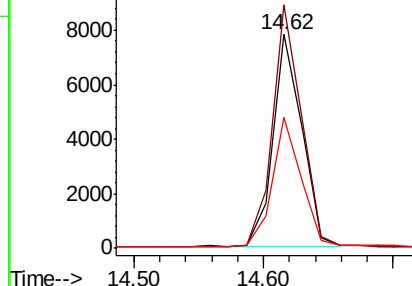
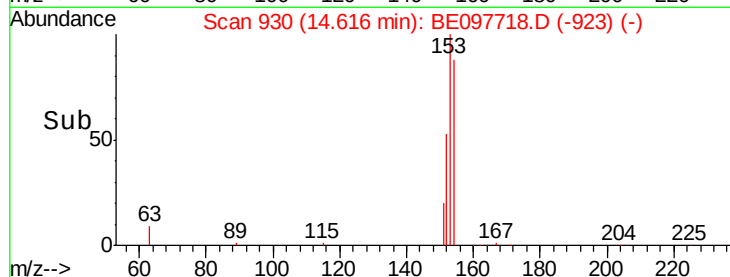
154 100

153 113.8 93.3 139.9

152 60.3 48.9 73.3



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: 0.392 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

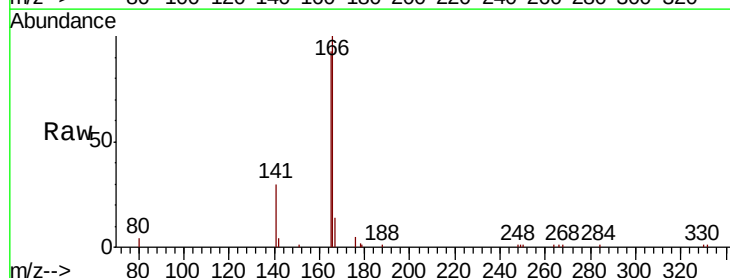
Tgt Ion:166 Resp: 16489

Ion Ratio Lower Upper

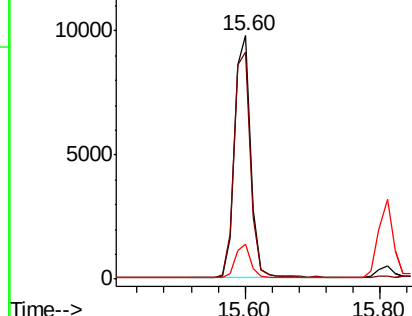
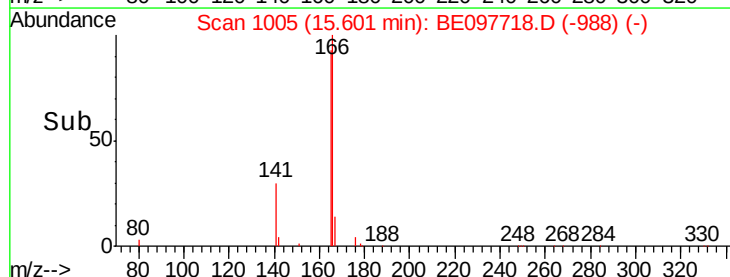
166 100

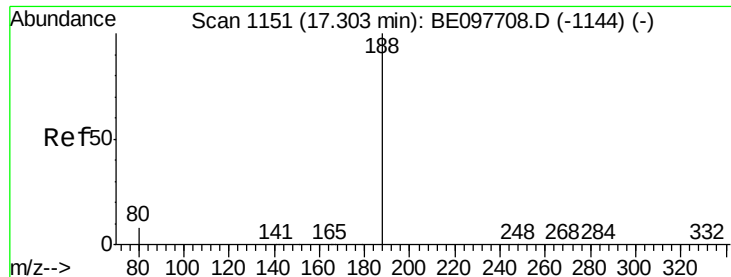
165 95.7 79.0 118.4

167 13.2 11.1 16.7



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

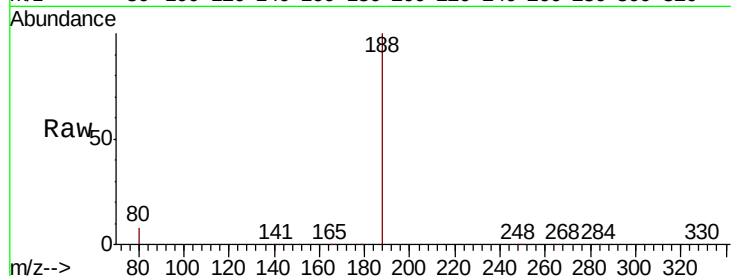
Tgt Ion:188 Resp: 30719

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

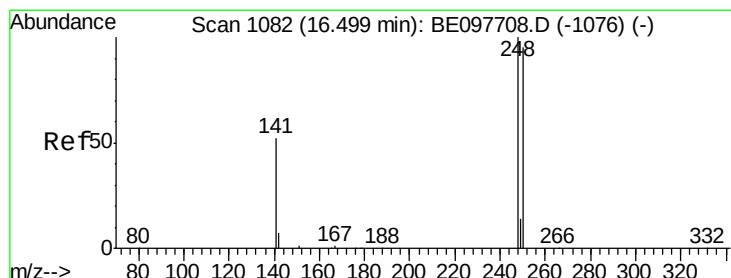
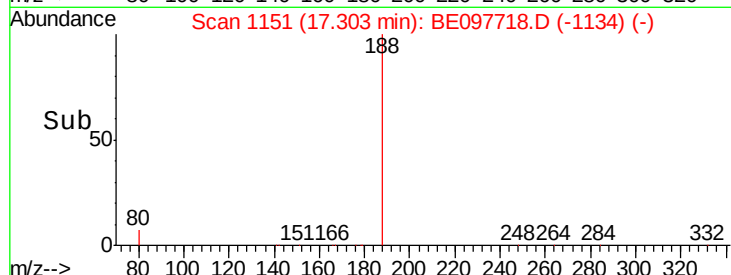
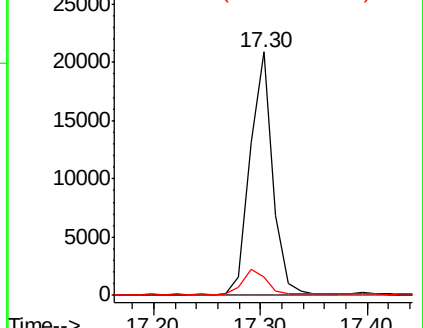
80 7.7 6.6 9.8



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: 0.381 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

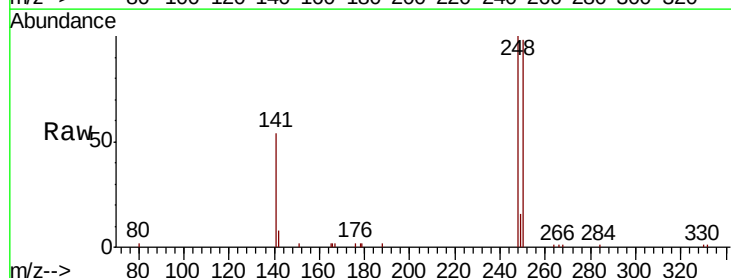
Tgt Ion:248 Resp: 6142

Ion Ratio Lower Upper

248 100

250 97.8 76.1 114.1

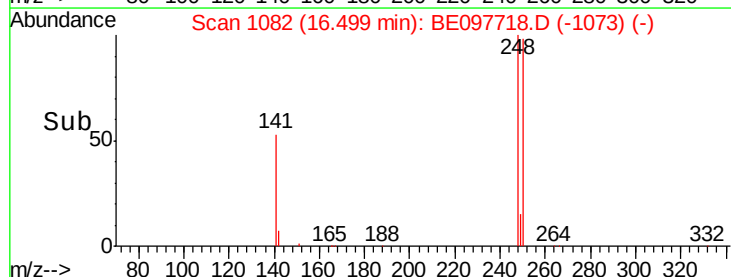
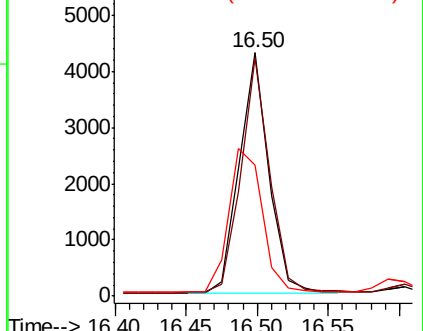
141 53.7 42.2 63.4

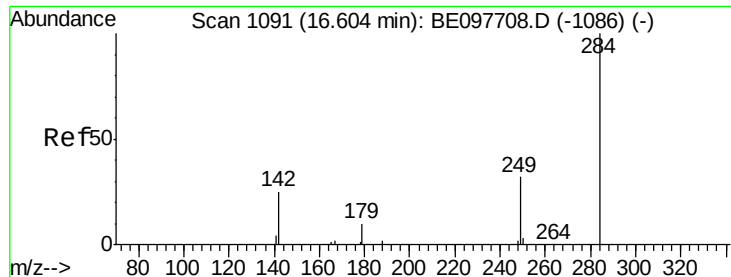


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

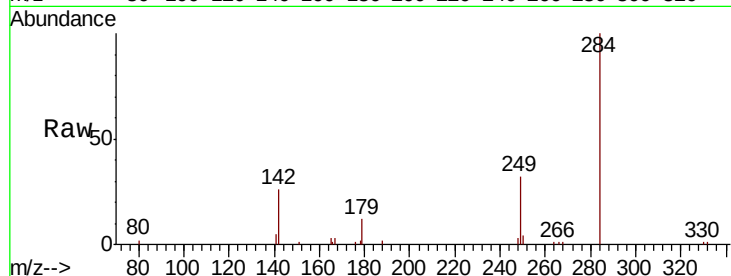
Tgt Ion: 284 Resp: 7072

Ion Ratio Lower Upper

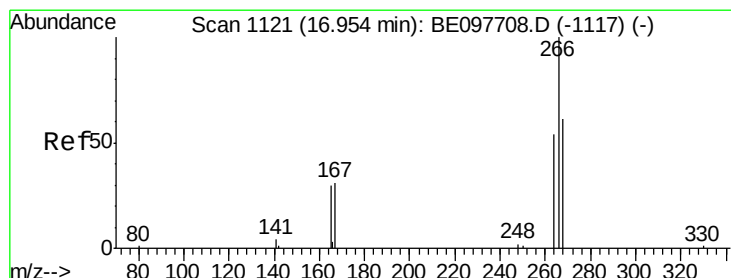
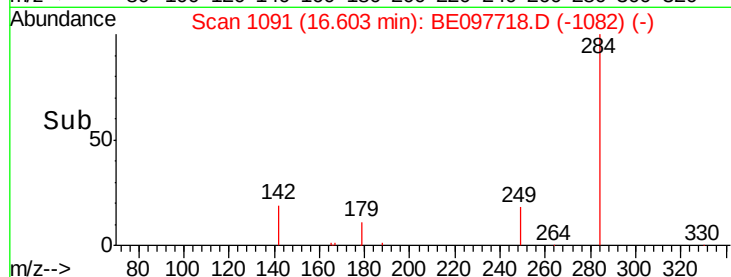
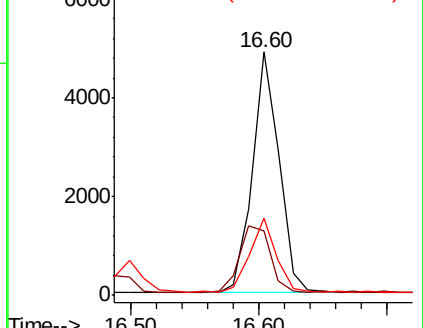
284 100

142 31.7 24.9 37.3

249 30.1 25.8 38.8



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: 0.430 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

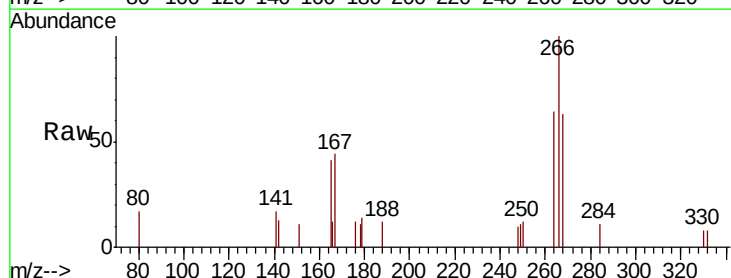
Tgt Ion: 266 Resp: 1222

Ion Ratio Lower Upper

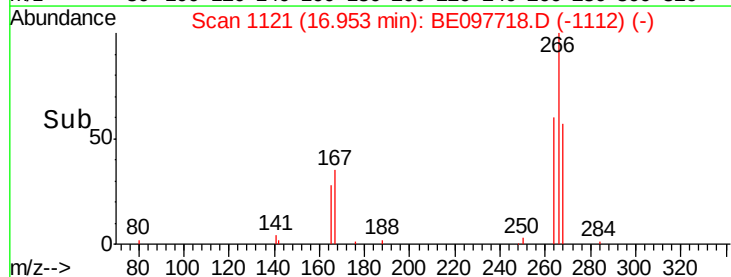
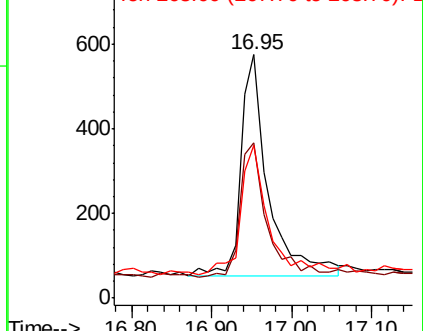
266 100

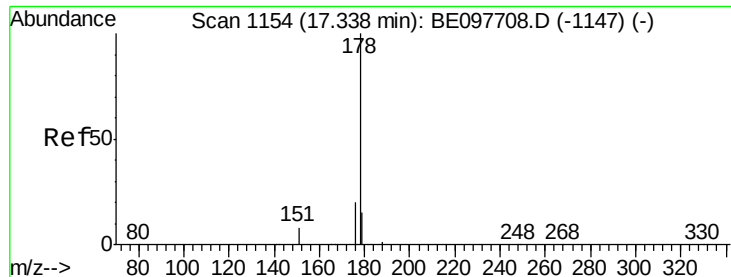
264 63.7 46.8 70.2

268 62.8 53.0 79.6



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: 0.376 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

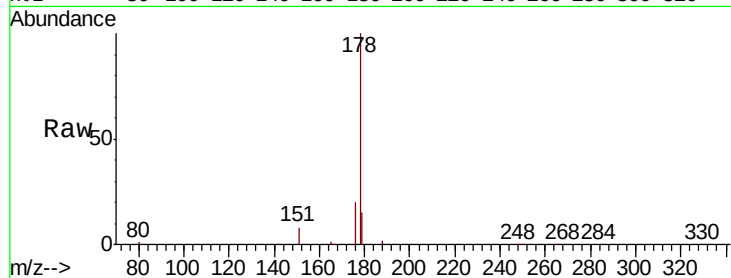
Tgt Ion:178 Resp: 29748

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.2 18.4

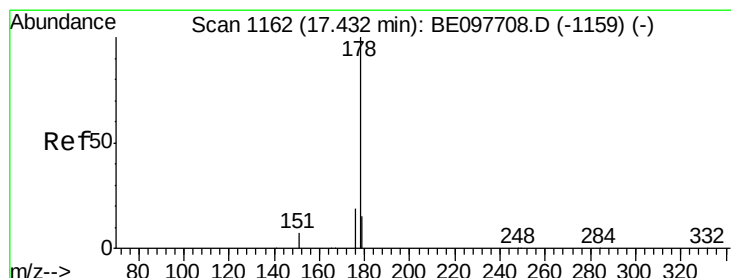
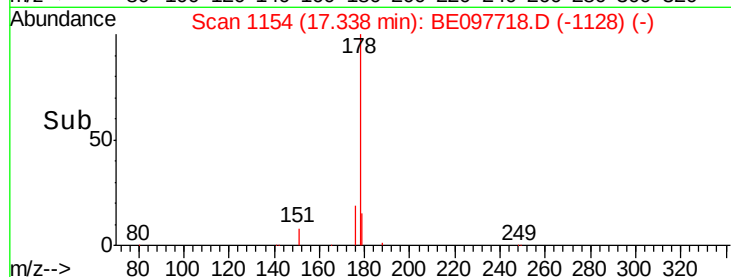
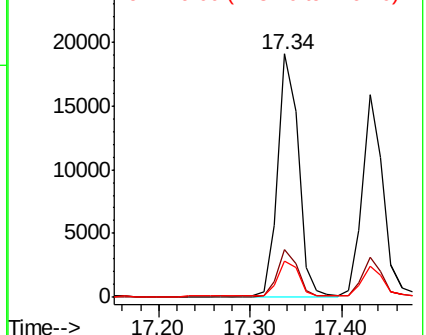


Abundance

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: 0.365 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

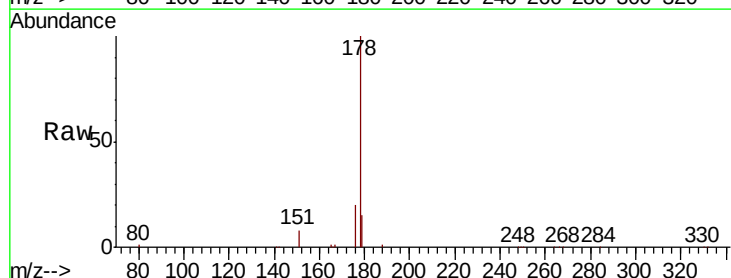
Tgt Ion:178 Resp: 24930

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 14.4 12.2 18.2

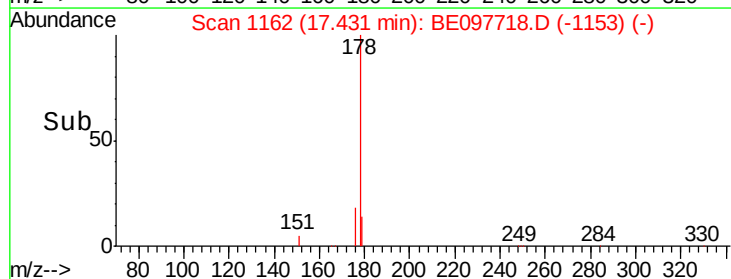
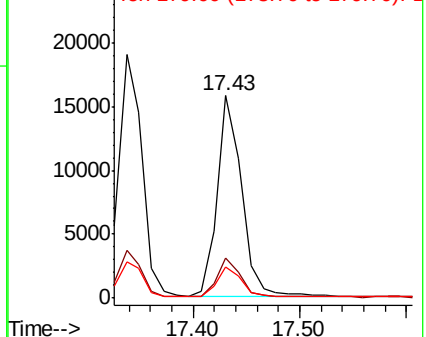


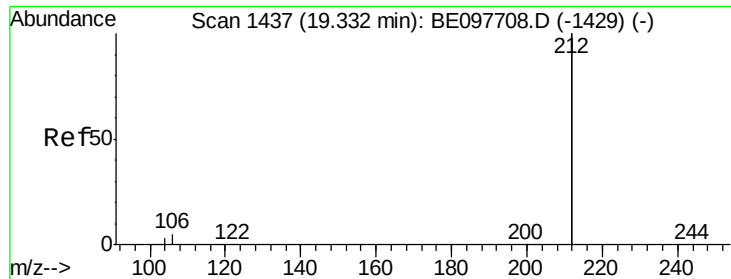
Abundance

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

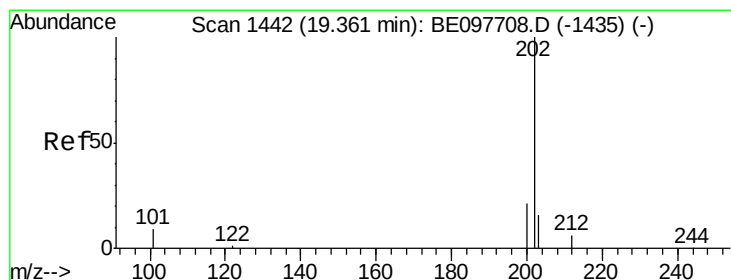
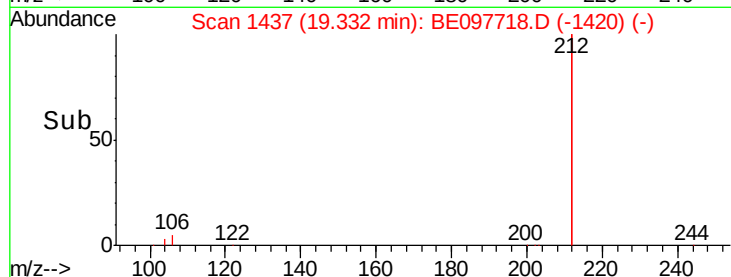
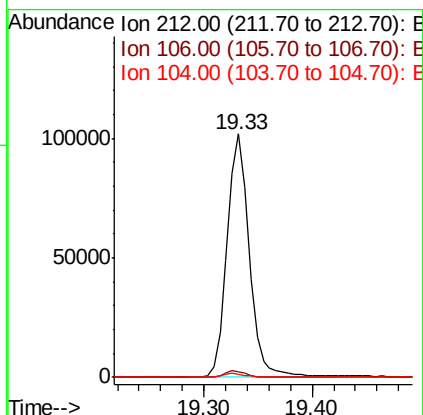
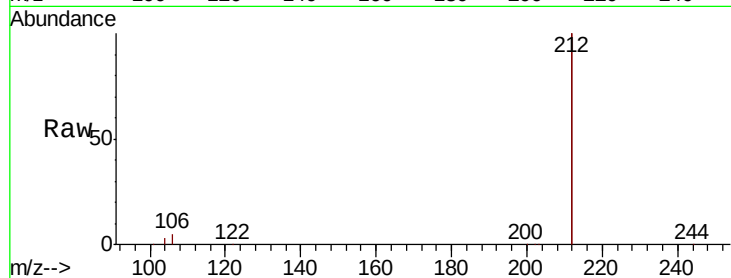




#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

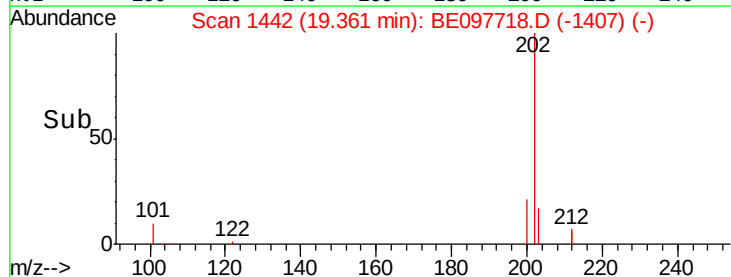
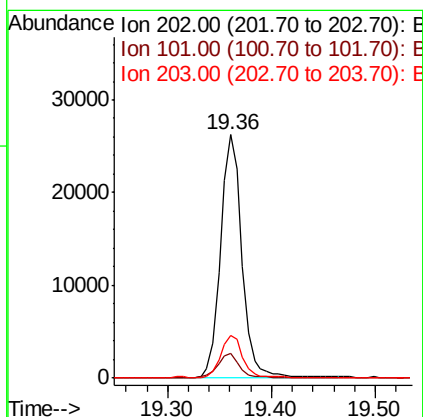
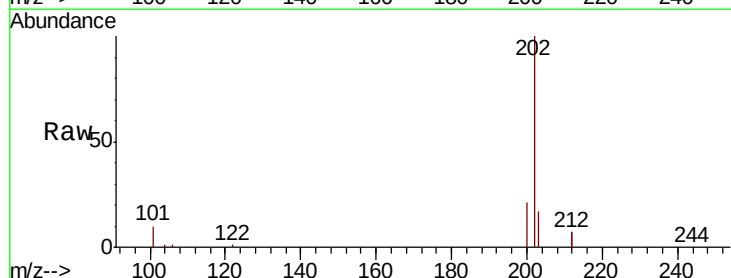
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

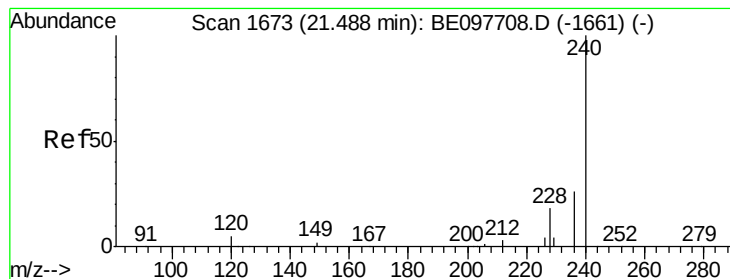
Tgt Ion: 212 Resp: 143278
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.2 1.8



#26
Fluoranthene
Concen: 0.368 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Tgt Ion: 202 Resp: 37121
Ion Ratio Lower Upper
202 100
101 9.9 7.8 11.8
203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

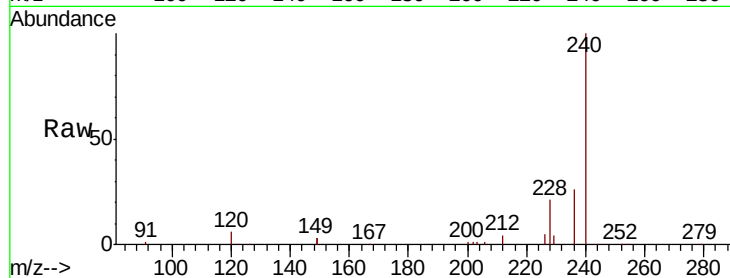
Tgt Ion:240 Resp: 41223

Ion Ratio Lower Upper

240 100

120 6.2 4.7 7.1

236 26.4 20.8 31.2

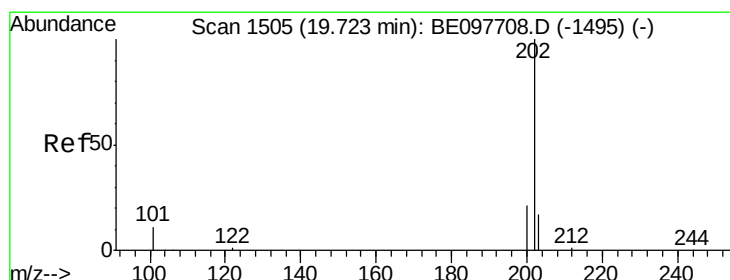
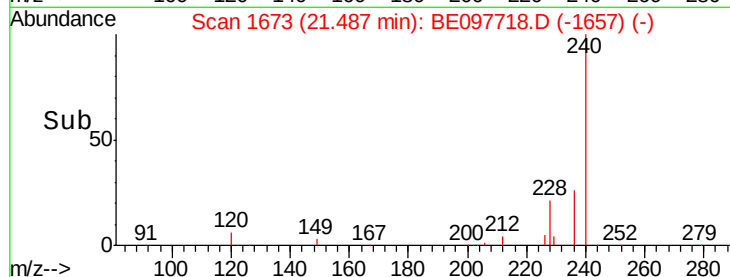
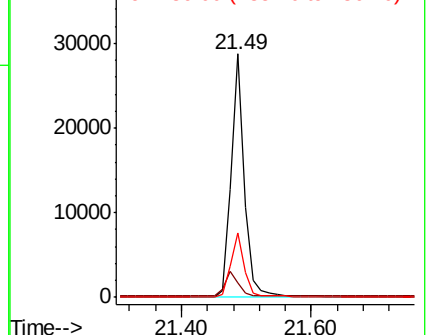


Abundance

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: 0.360 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

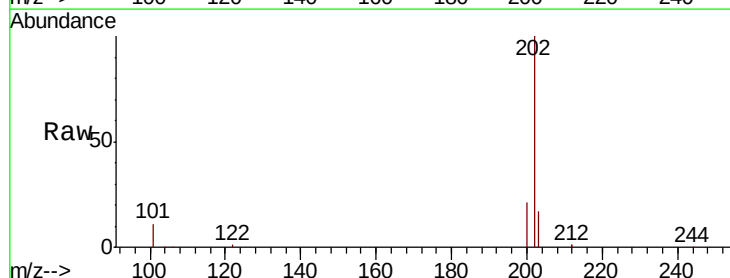
Tgt Ion:202 Resp: 37714

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.4 13.9 20.9

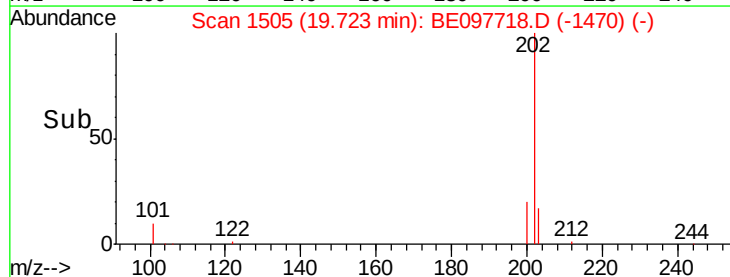
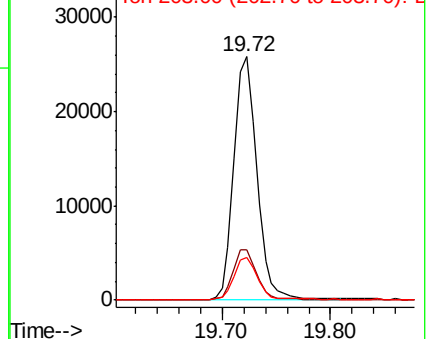


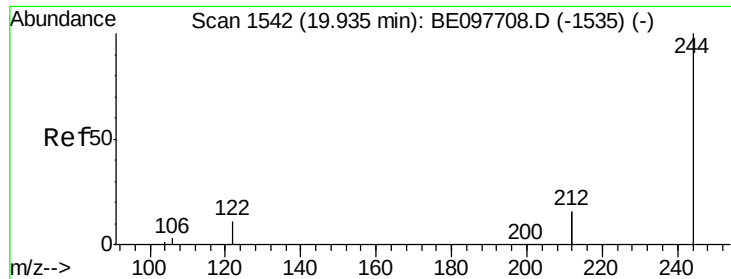
Abundance

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: 0.359 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

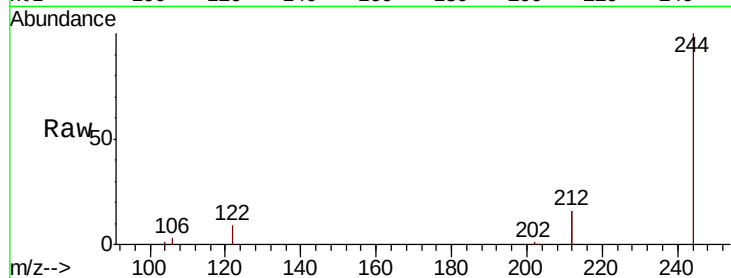
Tgt Ion:244 Resp: 30244

Ion Ratio Lower Upper

244 100

212 31.7 25.8 38.8

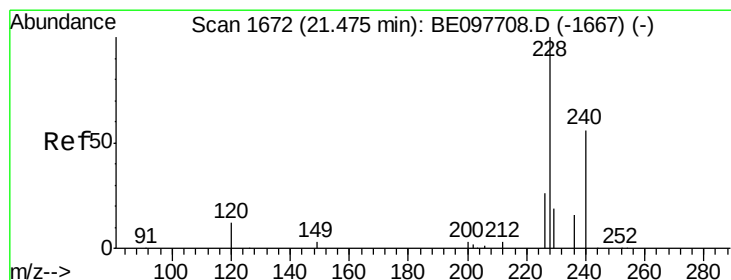
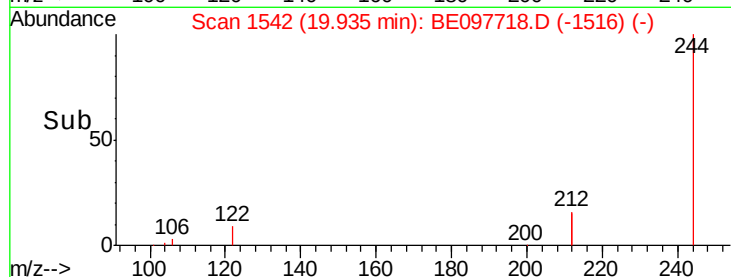
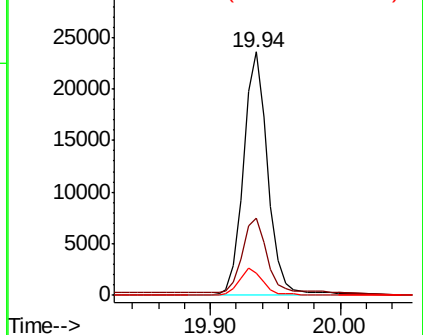
122 8.9 8.7 13.1



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: 0.358 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

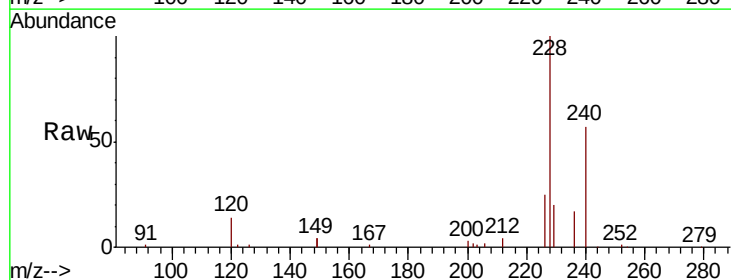
Tgt Ion:228 Resp: 39631

Ion Ratio Lower Upper

228 100

226 25.2 20.7 31.1

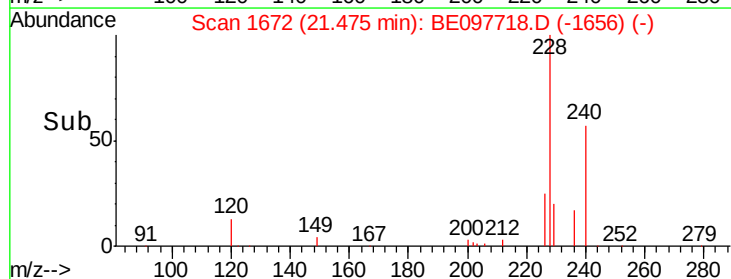
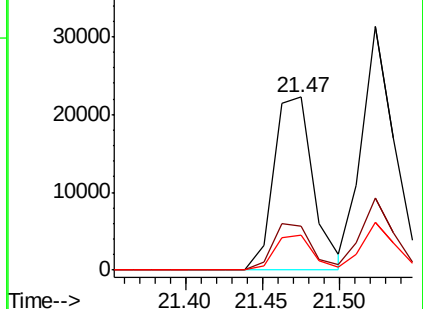
229 20.0 15.7 23.5

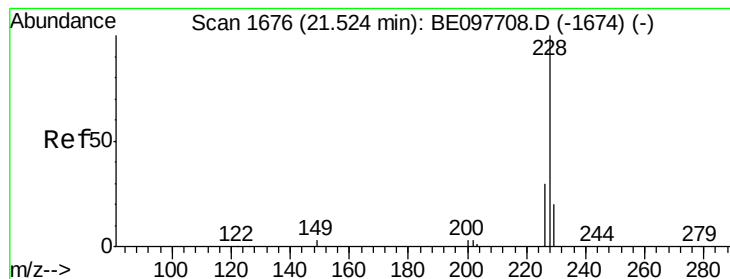


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

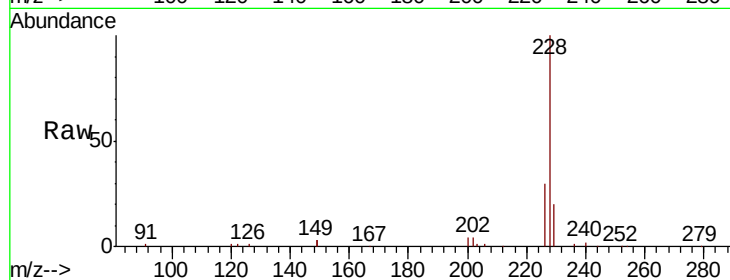
Tgt Ion: 228 Resp: 46249

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

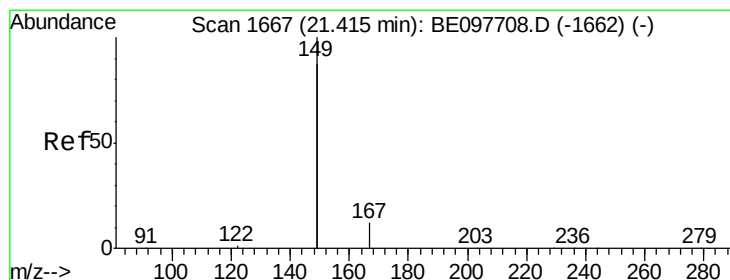
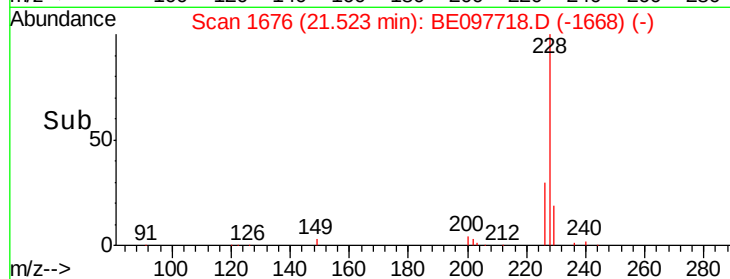
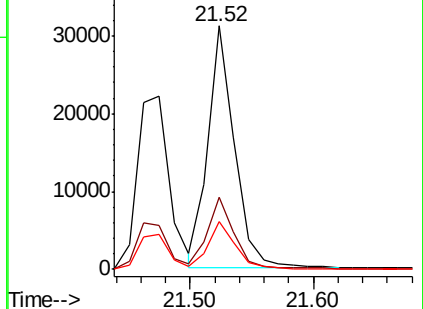
229 19.5 16.0 24.0



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: 0.384 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

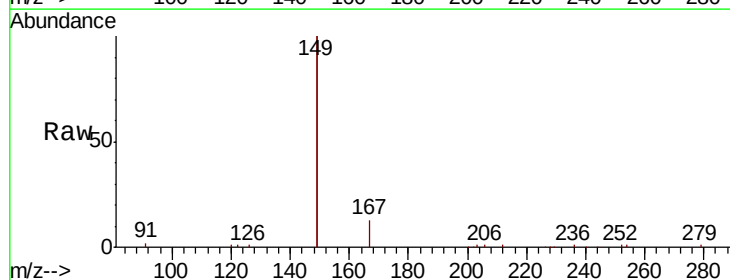
Tgt Ion: 149 Resp: 31139

Ion Ratio Lower Upper

149 100

167 6.4 5.5 8.3

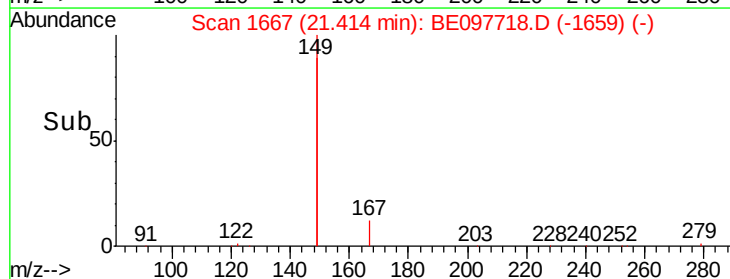
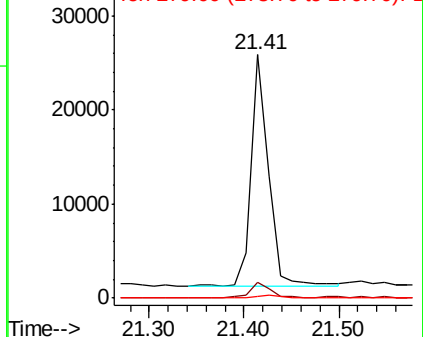
279 1.0 0.9 1.3

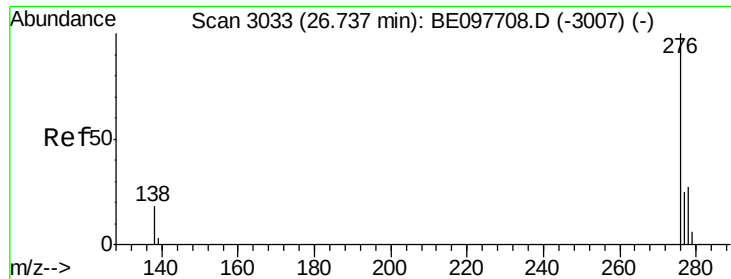


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.391 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

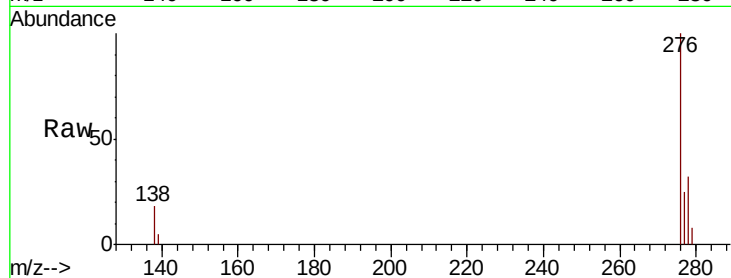
Tgt Ion:276 Resp: 42104

Ion Ratio Lower Upper

276 100

138 19.1 15.0 22.6

277 24.6 19.2 28.8

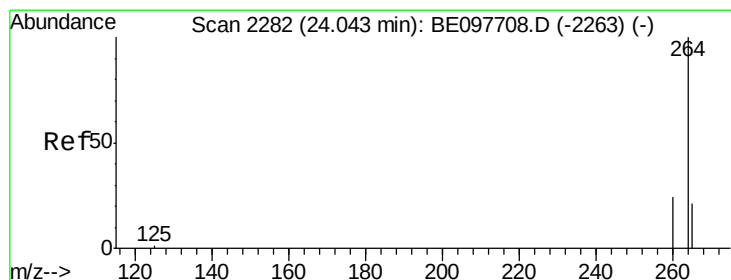
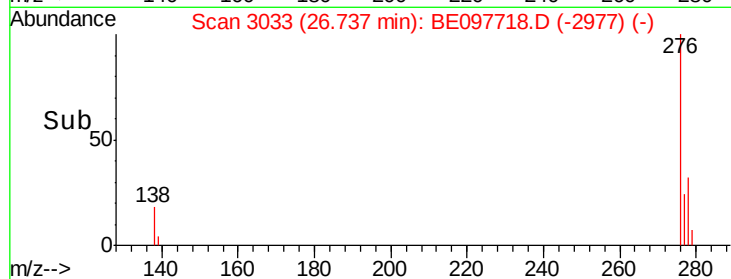
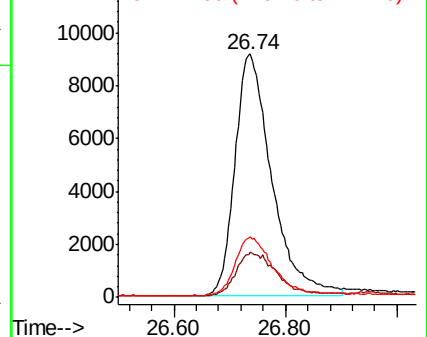


Abundance

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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

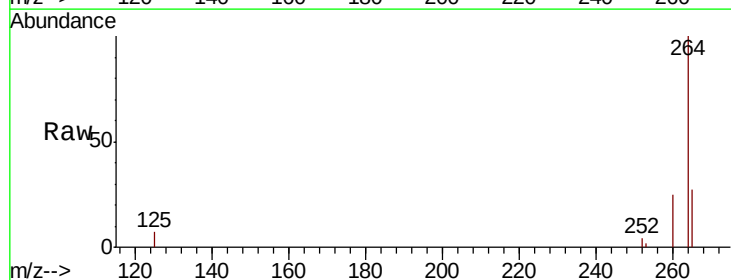
Tgt Ion:264 Resp: 40883

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 27.1 21.9 32.9

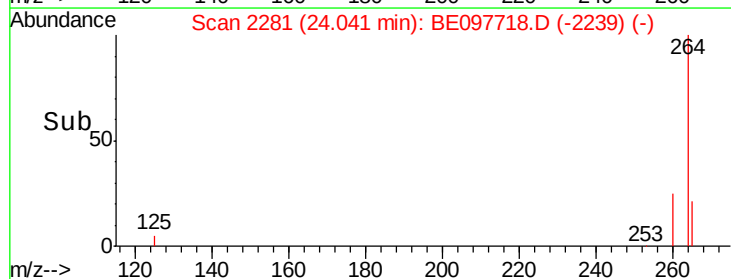
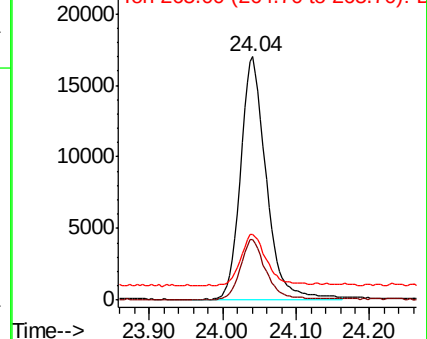


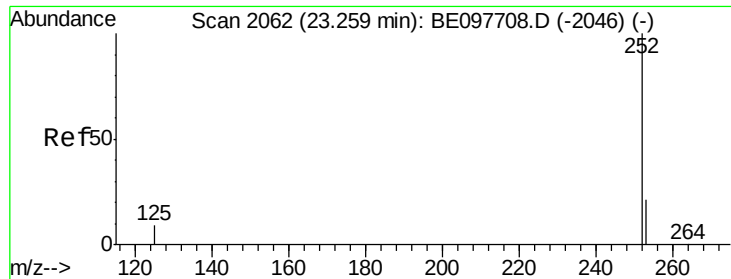
Abundance

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: 0.327 ng

RT: 23.26 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

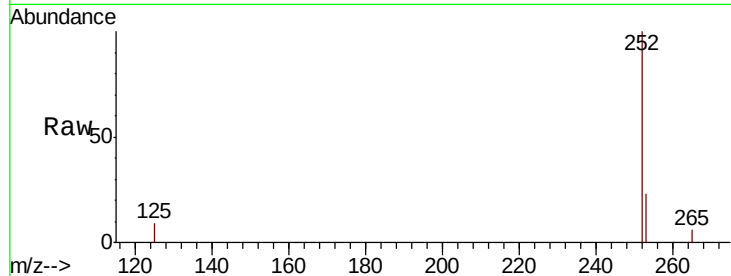
Tgt Ion:252 Resp: 36636

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

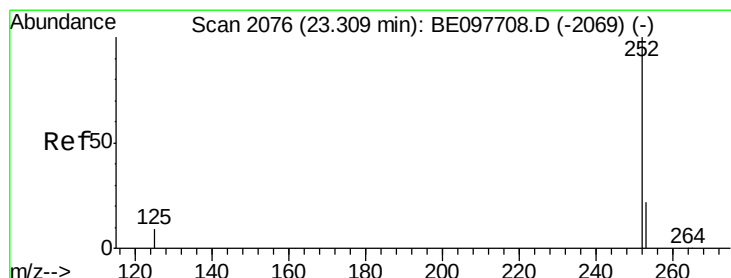
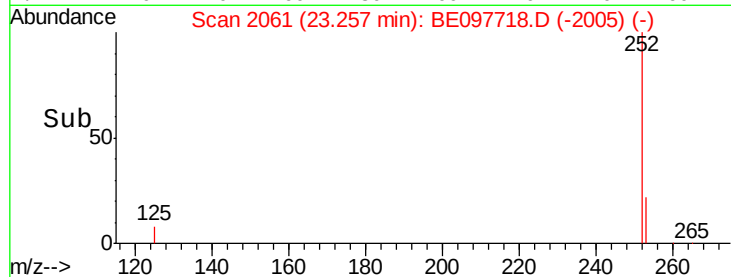
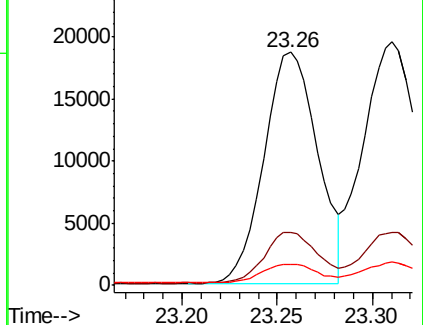
125 9.1 7.8 11.8



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: 0.351 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

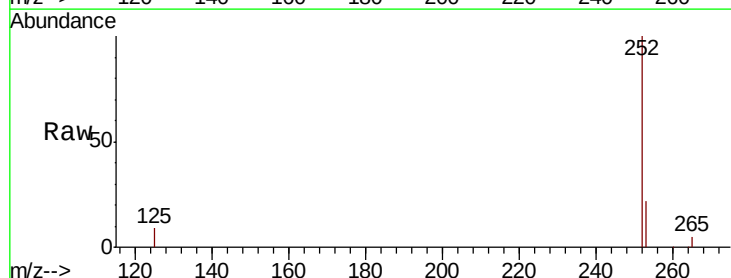
Tgt Ion:252 Resp: 43676

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

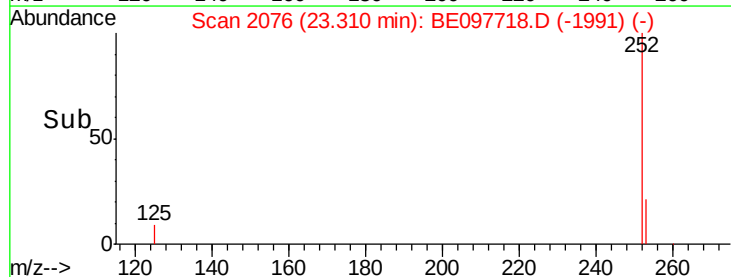
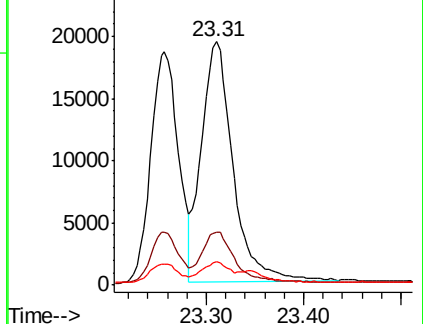
125 9.5 7.5 11.3

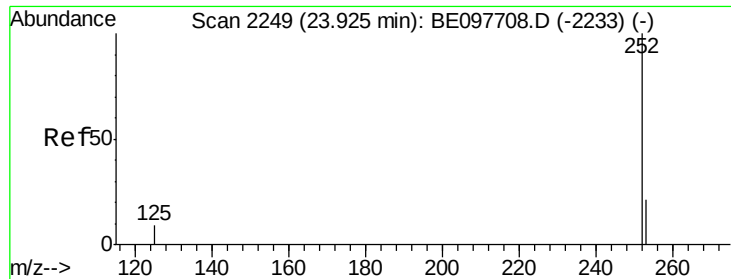


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

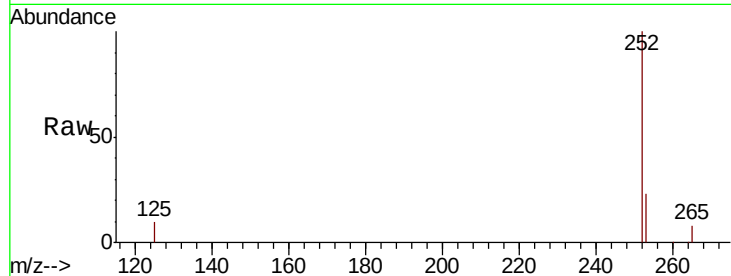




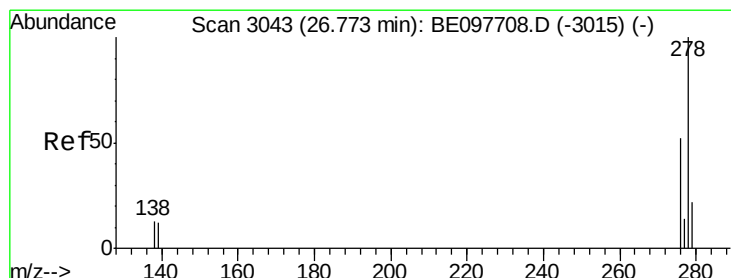
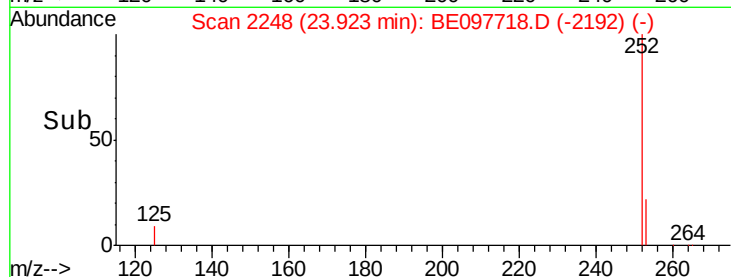
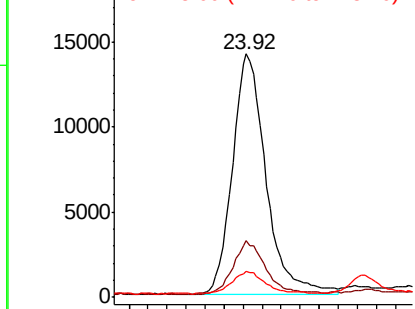
#37
Benzo(a)pyrene
Concen: 0.339 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 252 Resp: 34453
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.4 8.3 12.5

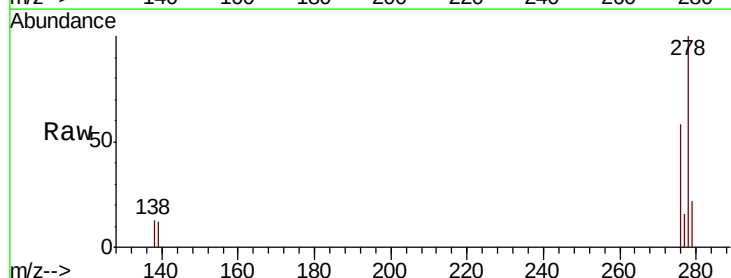


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

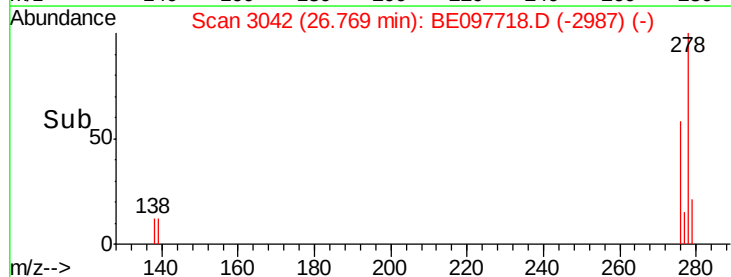
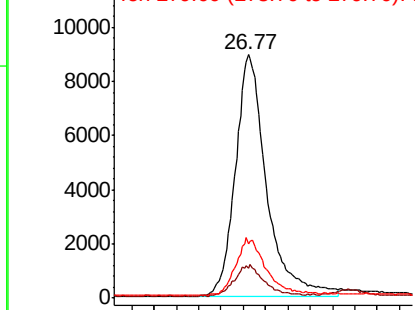


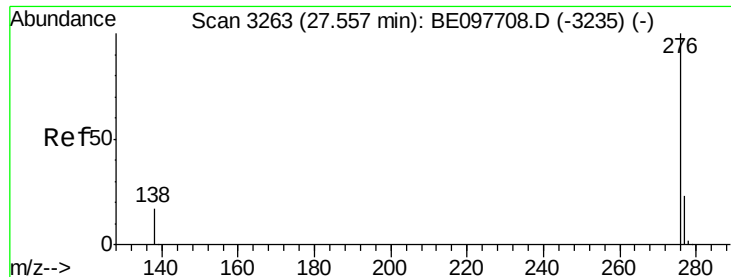
#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.77 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Tgt Ion: 278 Resp: 34889
Ion Ratio Lower Upper
278 100
139 12.4 10.3 15.5
279 22.4 18.4 27.6



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(g,h,i)perylene

Concen: 0.350 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BE097718.D

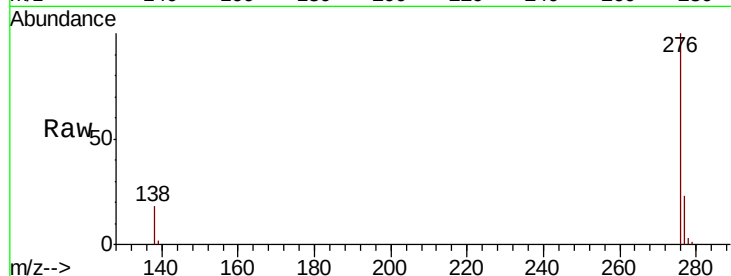
Acq: 3 Oct 2018 19:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



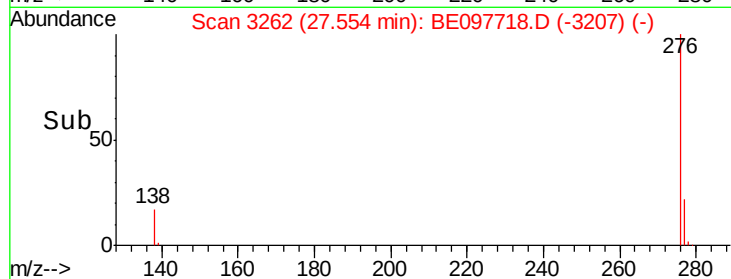
Tgt Ion: 276 Resp: 36593

Ion Ratio Lower Upper

276 100

277 22.9 19.1 28.7

138 18.3 14.2 21.2



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

