

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

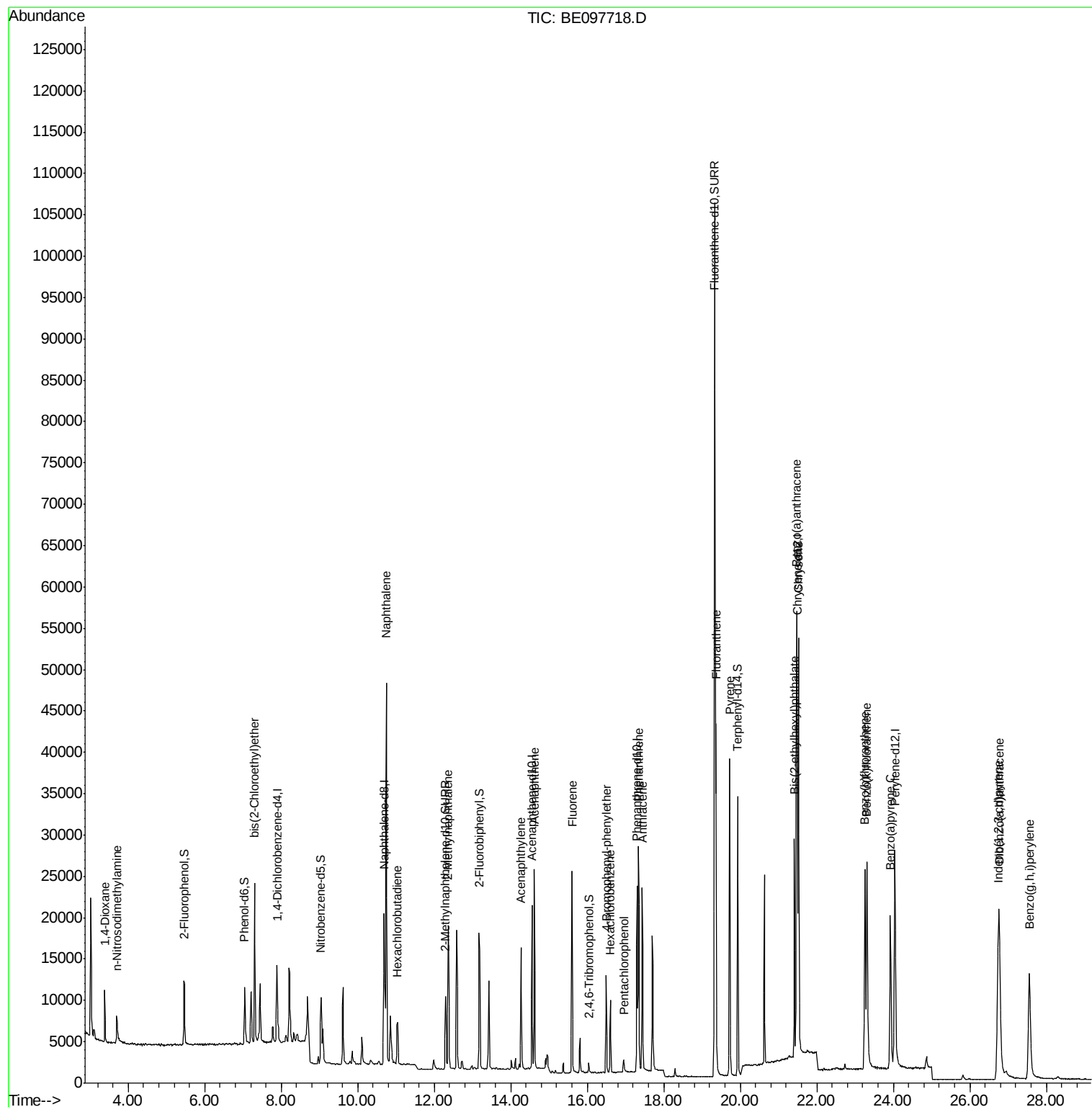
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	3756	0.389	ng	96
3) n-Nitrosodimethylamine	3.70	42	3251	0.370	ng	# 90
6) bis(2-Chloroethyl)ether	7.31	93	6775	0.373	ng	98
9) Naphthalene	10.75	128	76235	0.379	ng	100
10) Hexachlorobutadiene	11.04	225	4017	0.376	ng	99
12) 2-Methylnaphthalene	12.37	142	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

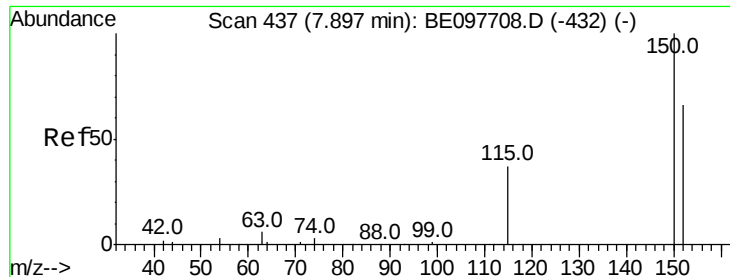
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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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

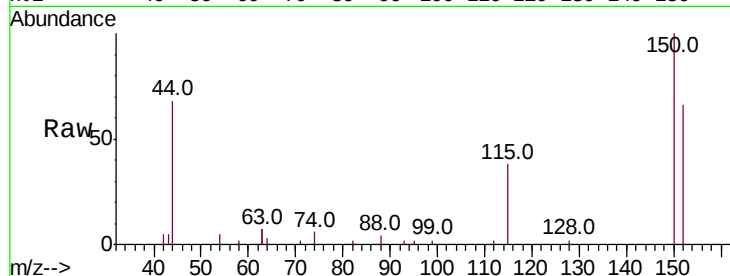
Tot Ion:152 Resp: 4846

Ion Ratio Lower Upper

152 100

150 151.5 120.9 181.3

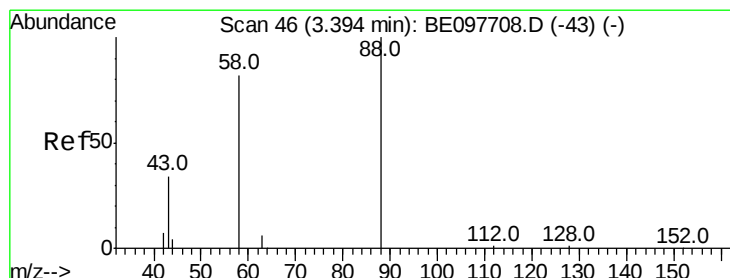
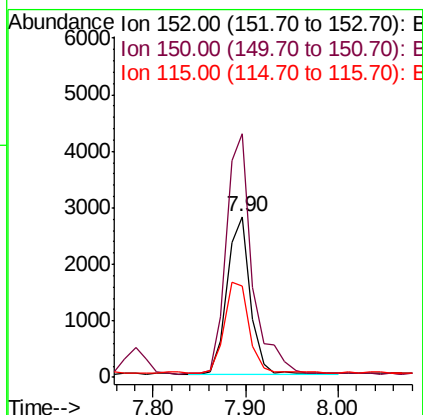
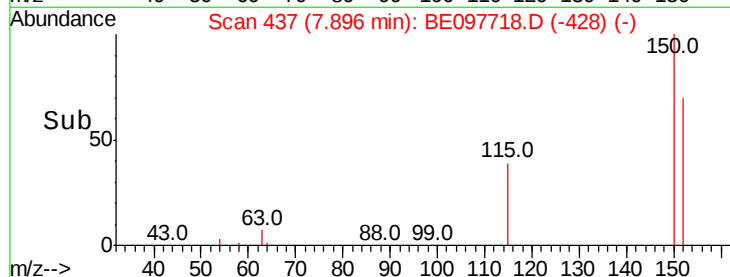
115 57.0 46.6 69.8



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

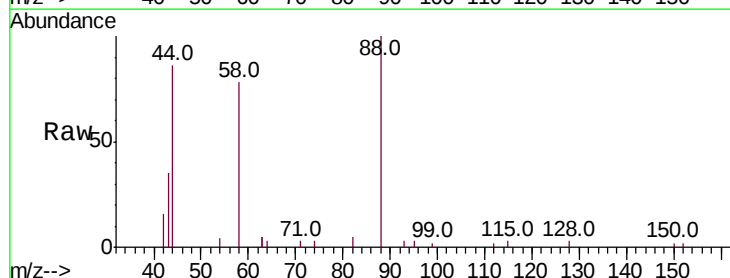
Tgt Ion: 88 Resp: 3756

Ion Ratio Lower Upper

88 100

58 85.0 70.8 106.2

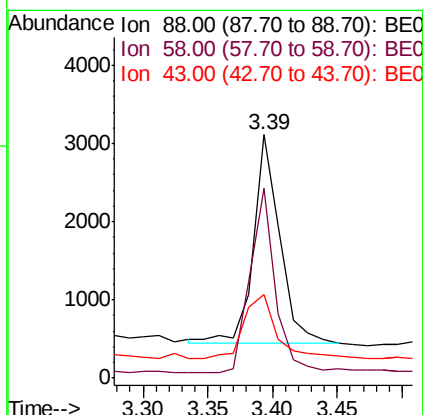
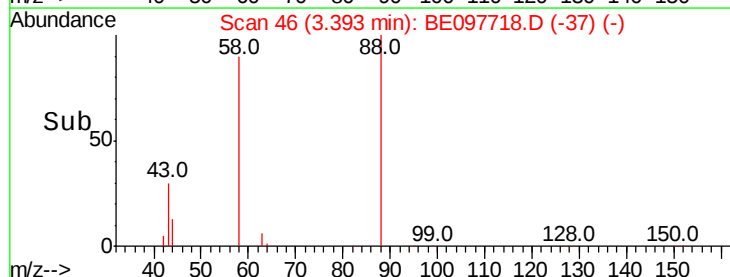
43 39.2 33.3 49.9

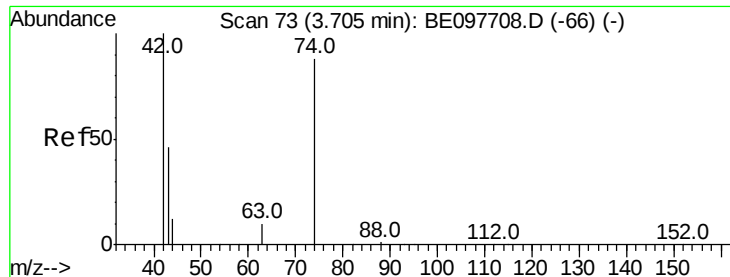


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



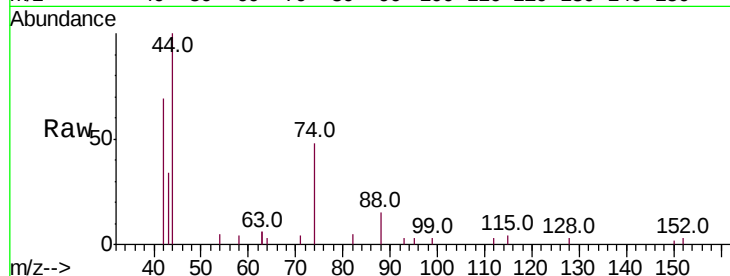


#3

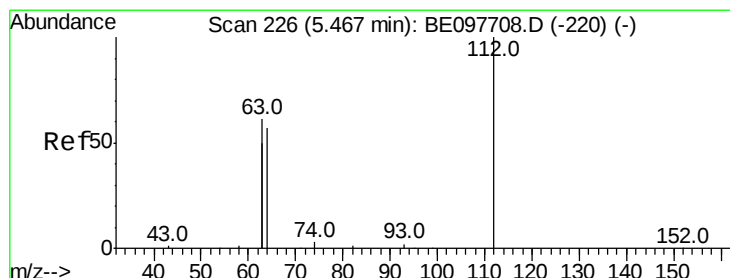
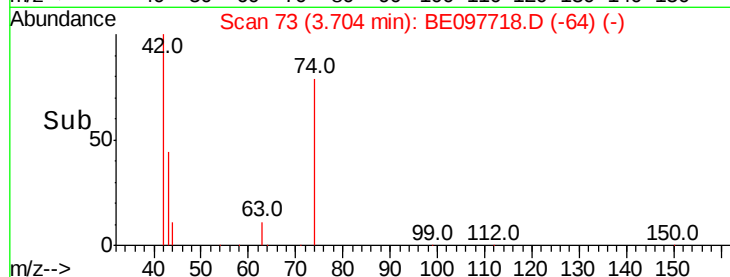
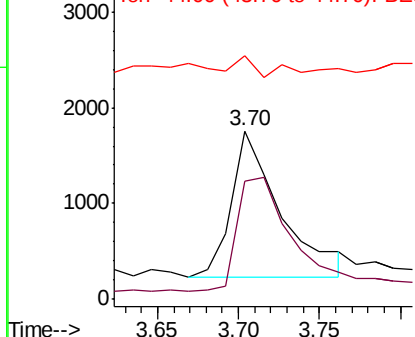
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 42 Resp: 3251
Ion Ratio Lower Upper
42 100
74 84.8 70.7 106.1
44 0.0 15.0 22.4#



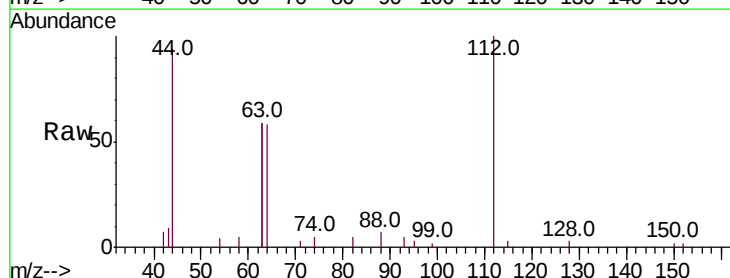
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



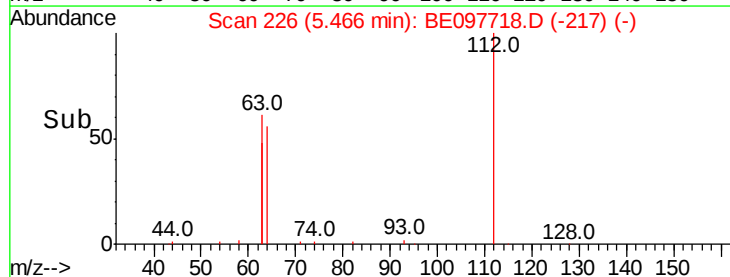
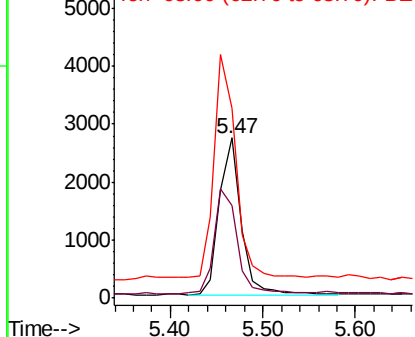
#4

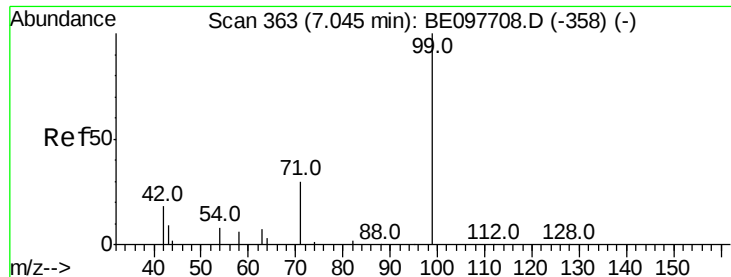
2-Fluorophenol
Concen: 0.389 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

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

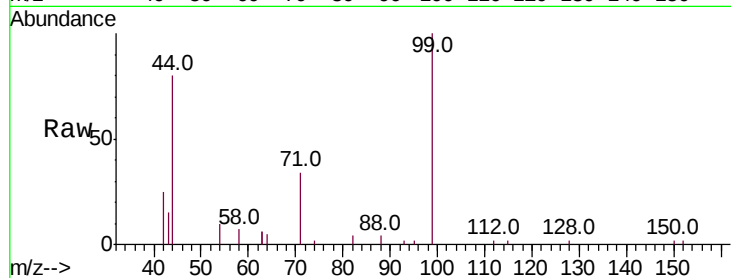
Tot Ion: 99 Resp: 6574

Ion Ratio Lower Upper

99 100

42 27.2 19.9 29.9

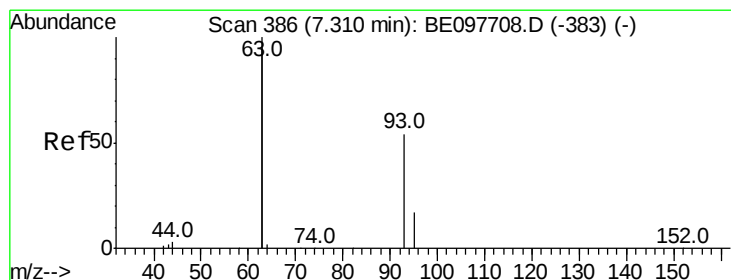
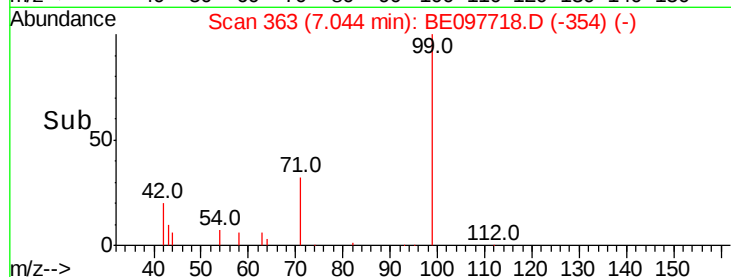
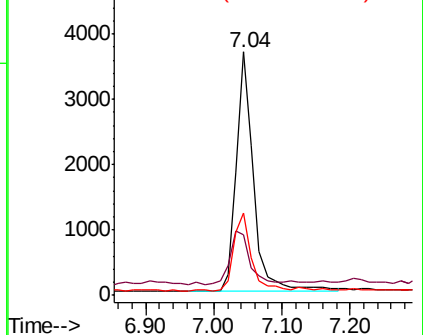
71 32.3 25.4 38.2



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

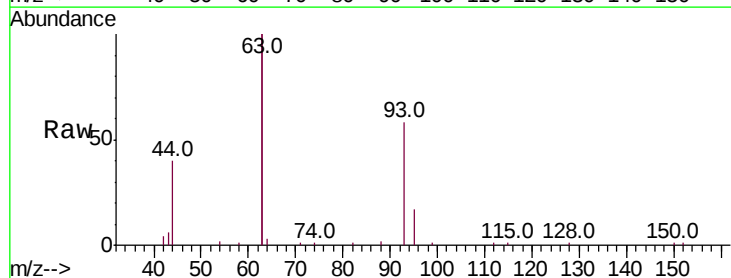
Tgt Ion: 93 Resp: 6775

Ion Ratio Lower Upper

93 100

63 328.5 266.9 400.3

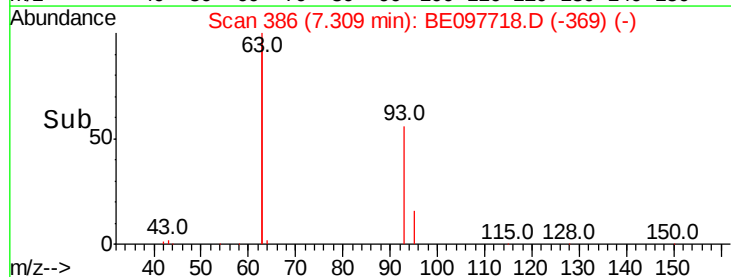
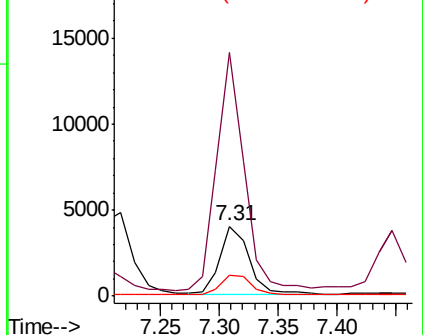
95 31.6 26.2 39.2

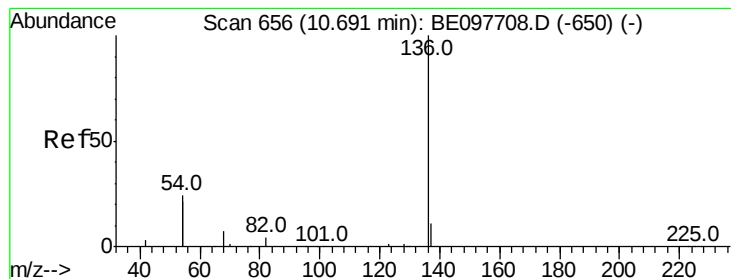


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

Tot Ion:136 Resp: 19951

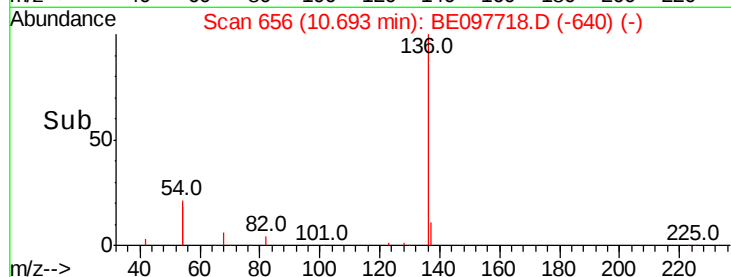
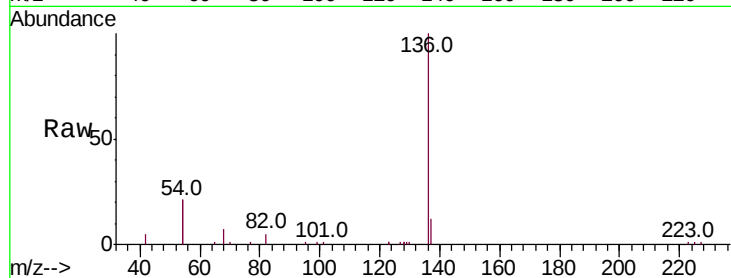
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 41.7 37.8 56.6

68 7.0 6.4 9.6

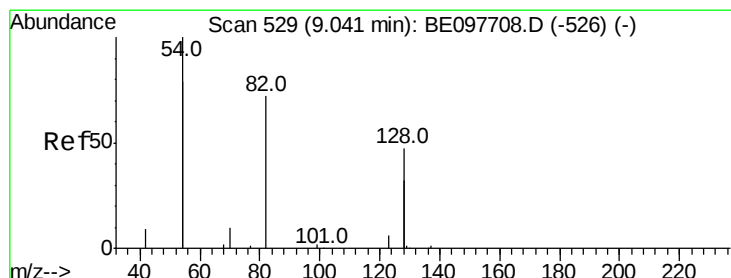
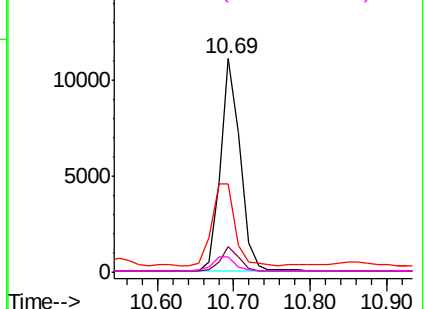


Abundance Ion 136.00 (135.70 to 136.70): E

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

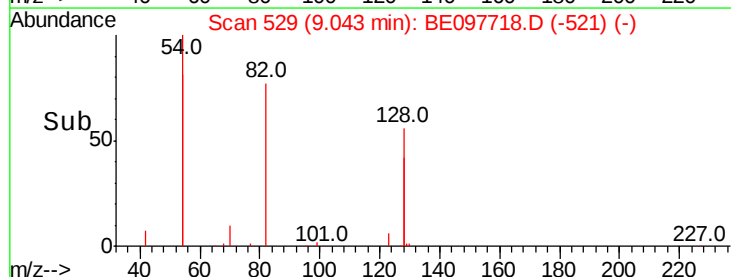
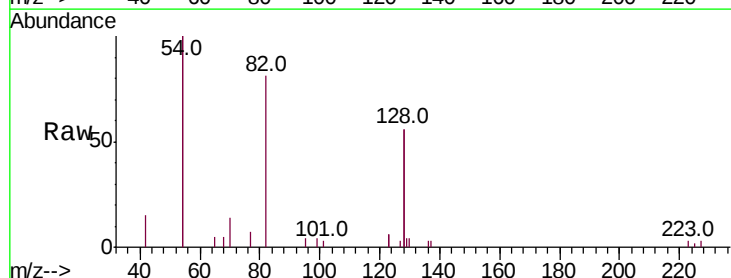
Tgt Ion: 82 Resp: 2972

Ion Ratio Lower Upper

82 100

128 137.4 97.0 145.4

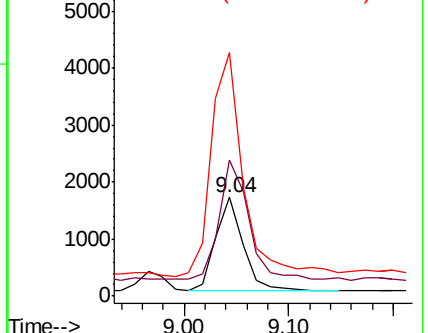
54 246.5 206.9 310.3

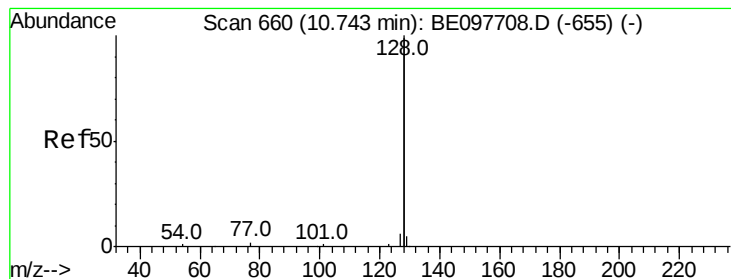


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

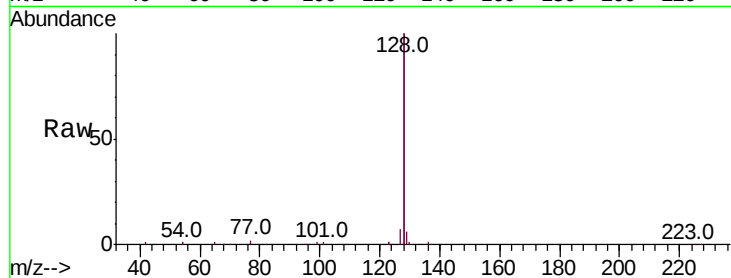
Tot Ion:128 Resp: 76235

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

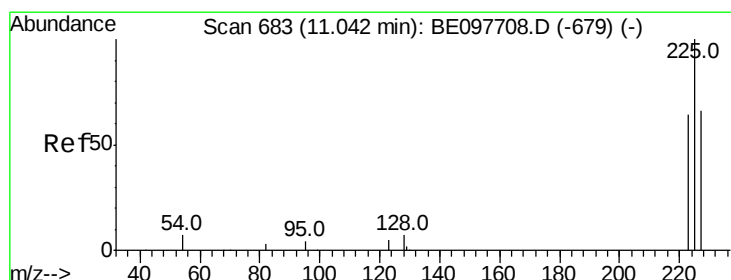
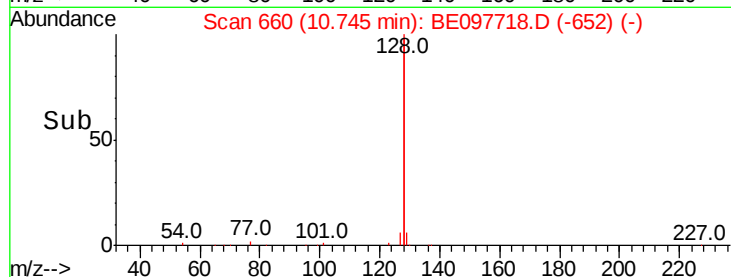
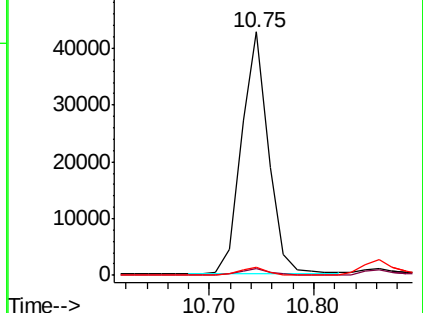
127 3.4 2.7 4.1



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: 0.376 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

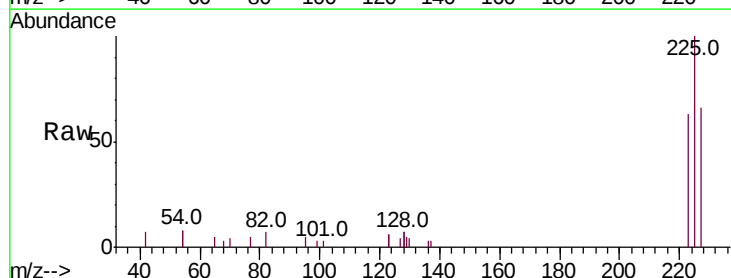
Tgt Ion:225 Resp: 4017

Ion Ratio Lower Upper

225 100

223 64.2 52.2 78.4

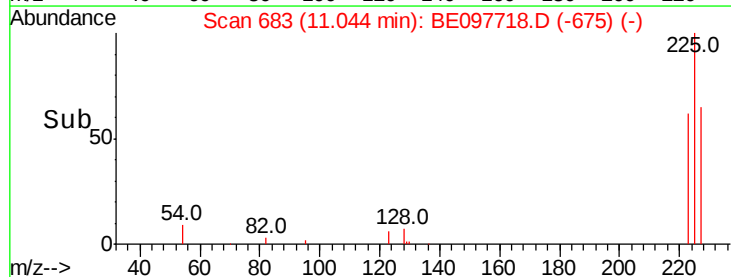
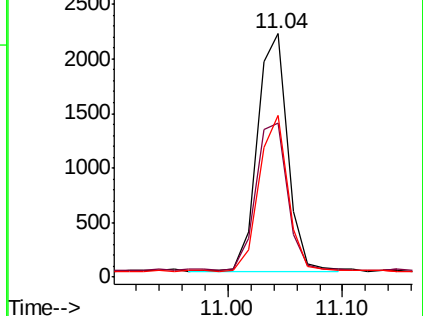
227 63.0 51.2 76.8

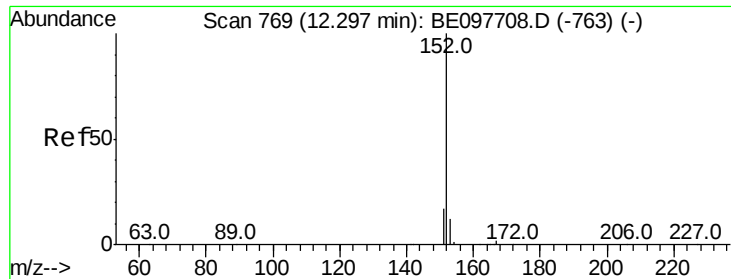


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

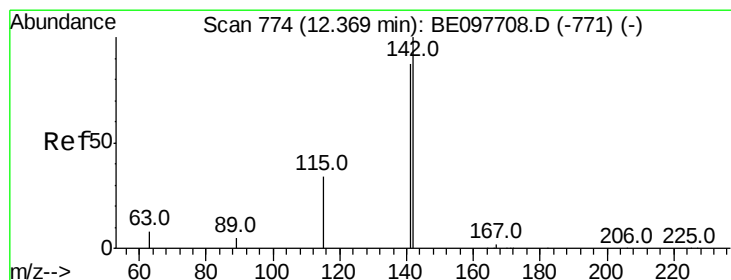
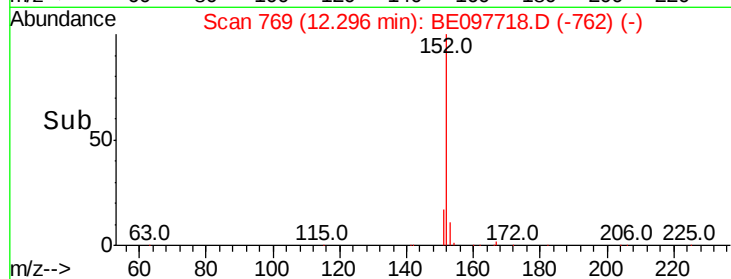
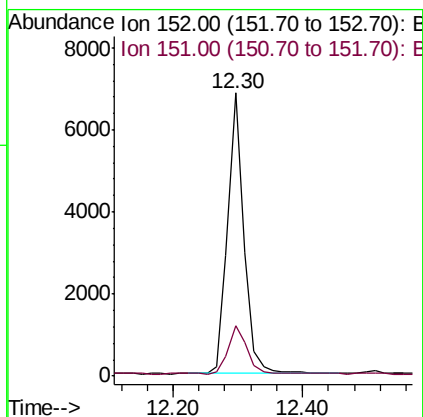
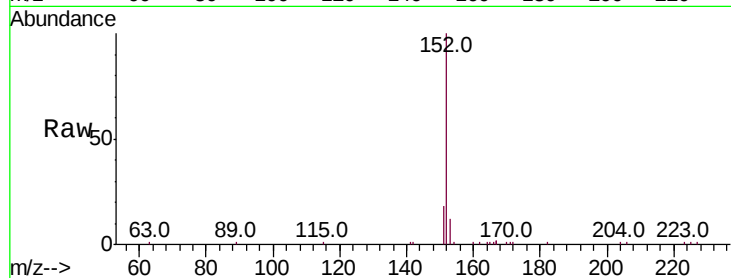




#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097718.D
 Acq: 3 Oct 2018 19:16

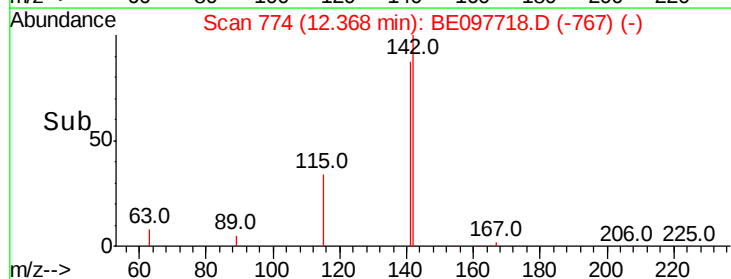
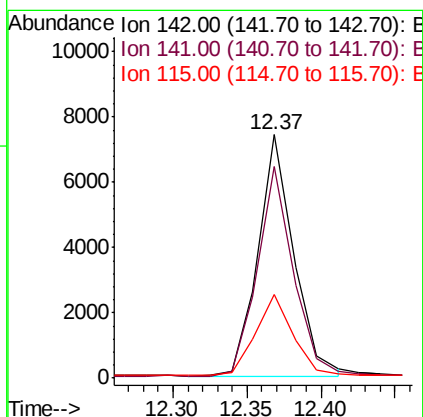
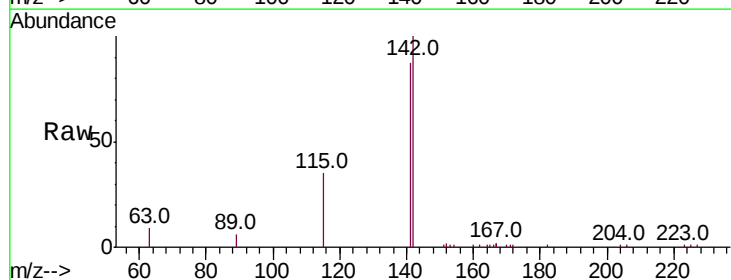
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

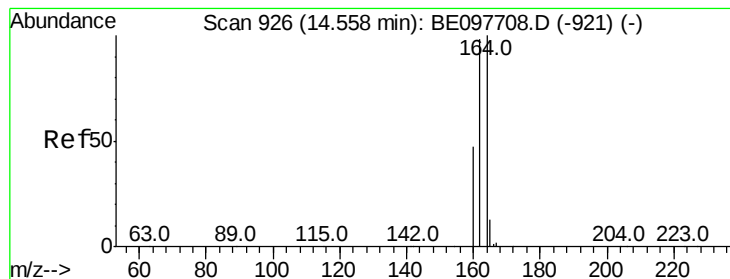
Tot Ion:152 Resp: 11895
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#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





#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

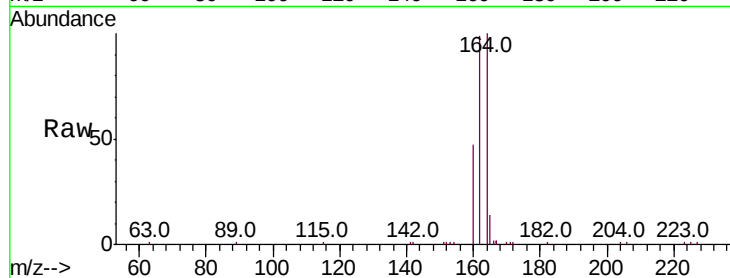
Tot Ion:164 Resp: 11179

Ion Ratio Lower Upper

164 100

162 98.7 78.6 117.8

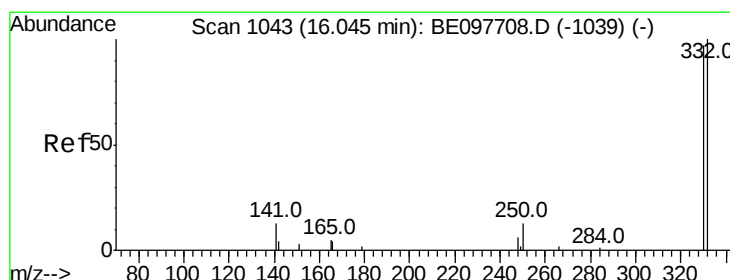
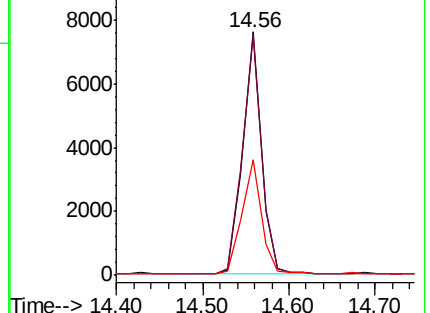
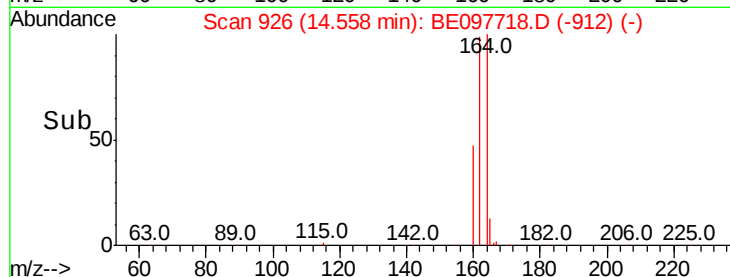
160 47.4 37.8 56.6



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

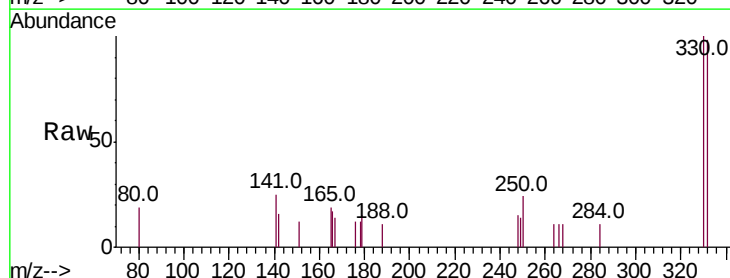
Tgt Ion:330 Resp: 867

Ion Ratio Lower Upper

330 100

332 95.4 83.5 125.3

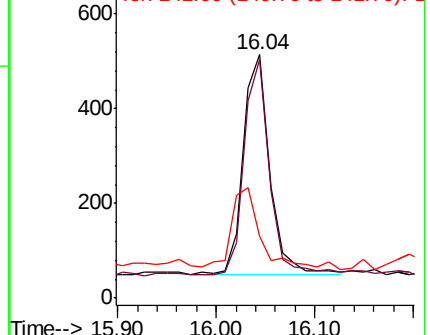
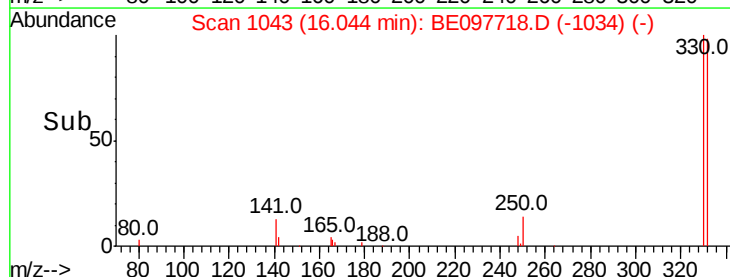
141 43.0 34.9 52.3

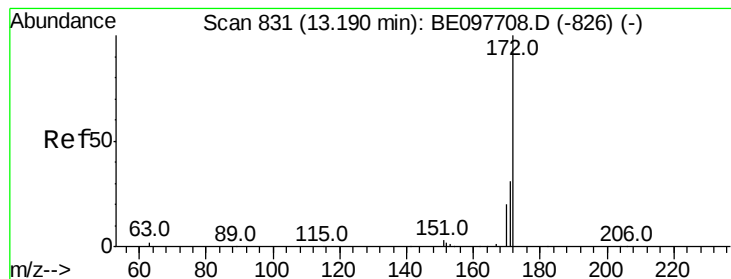


Abundance Ion 330.00 (329.70 to 330.70): E

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 :

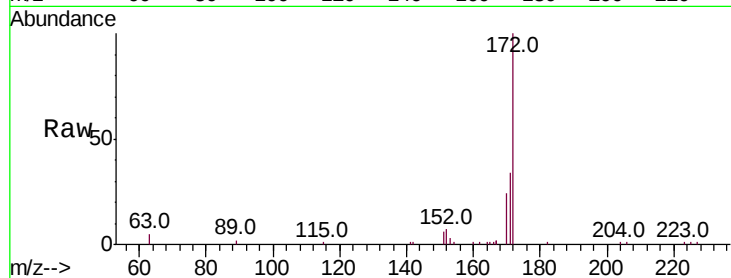
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:172 Resp: 18410

Ion	Ratio	Lower	Upper
172	100		
171	34.2	25.2	37.8
170	24.2	16.2	24.2

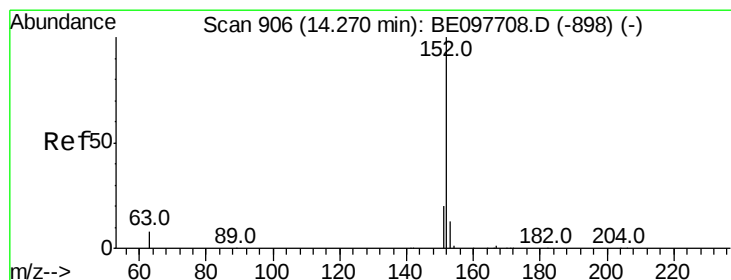
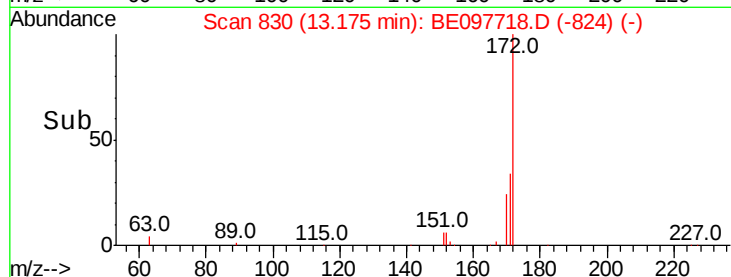
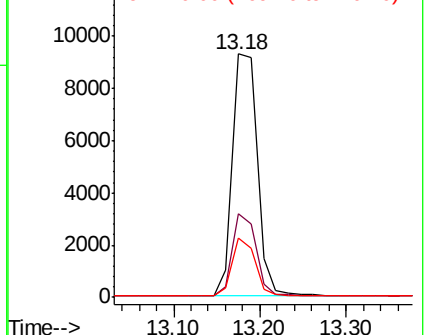


Abundance

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

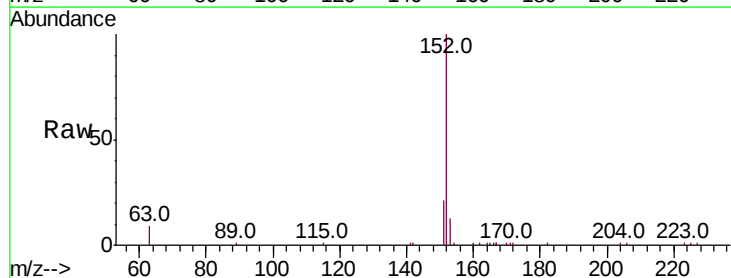
Delta R.T. -0.00 min

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

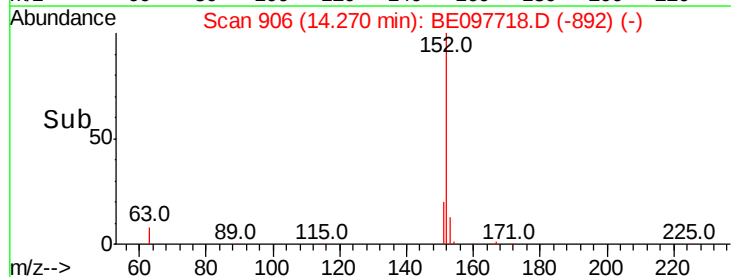
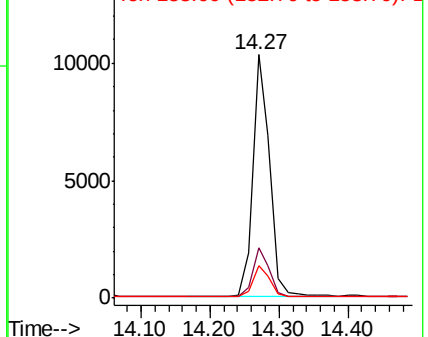


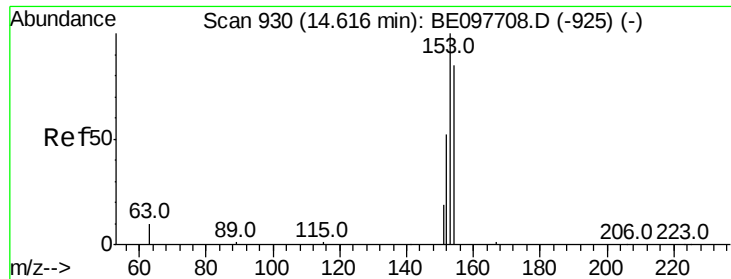
Abundance

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

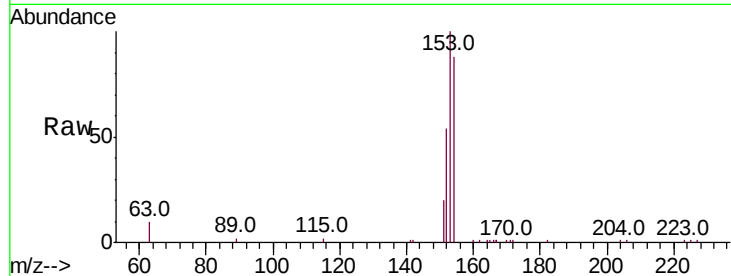




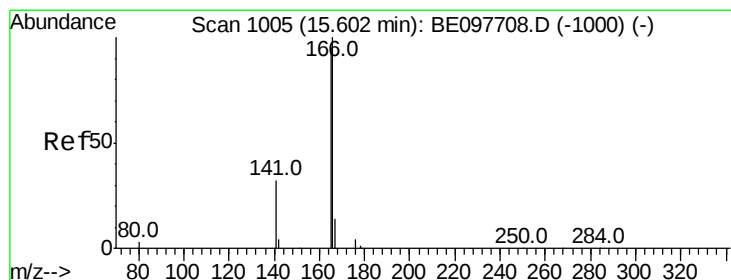
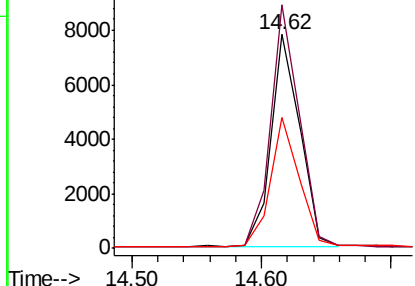
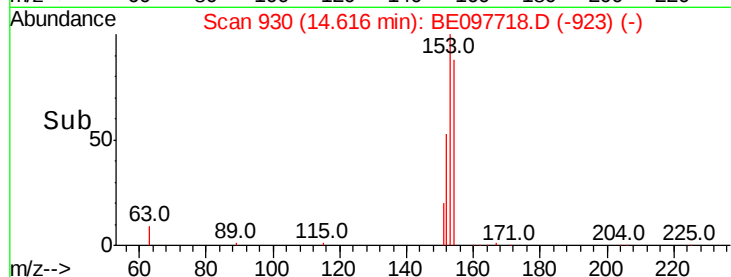
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 12069
Ion Ratio Lower Upper
154 100
153 113.8 93.3 139.9
152 60.3 48.9 73.3

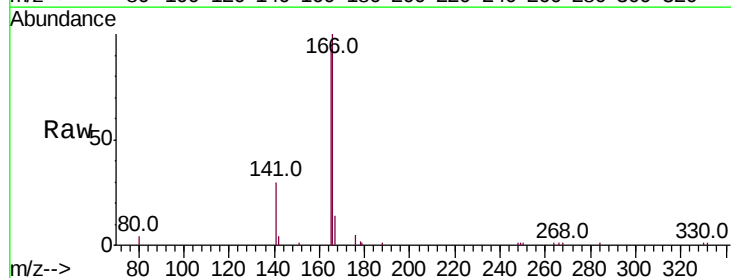


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

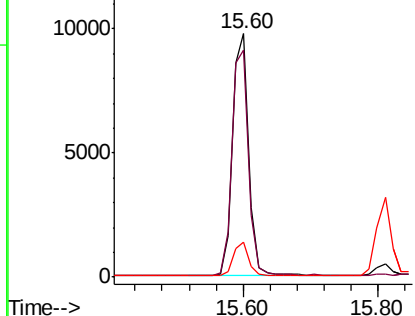
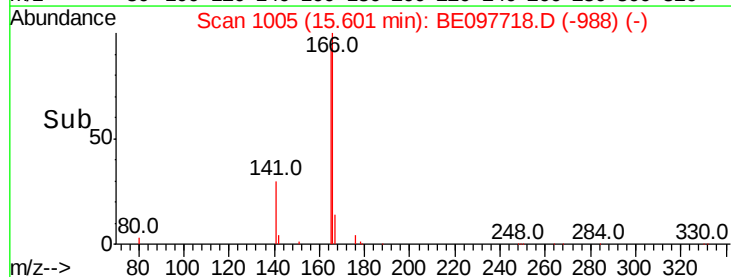


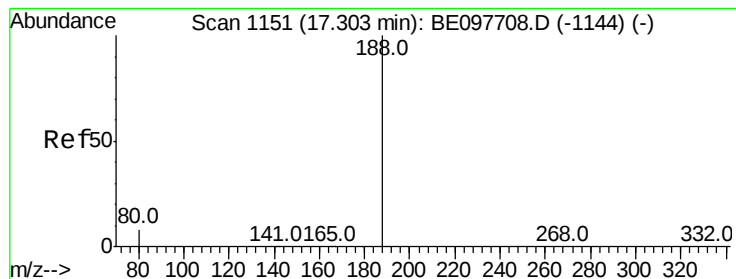
#18
Fluorene
Concen: 0.392 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

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

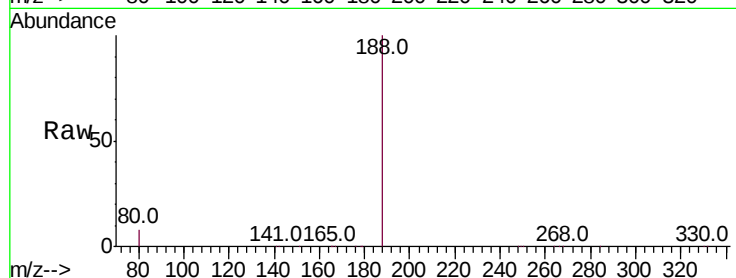
Tot Ion:188 Resp: 30719

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

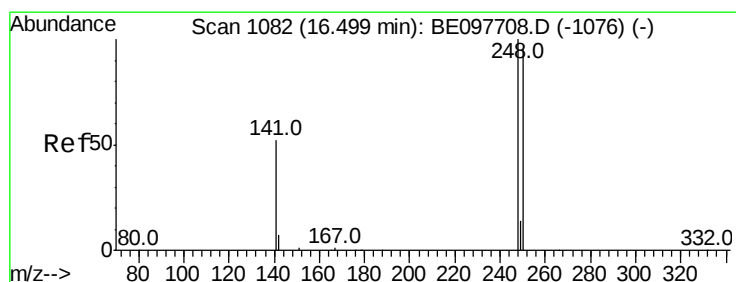
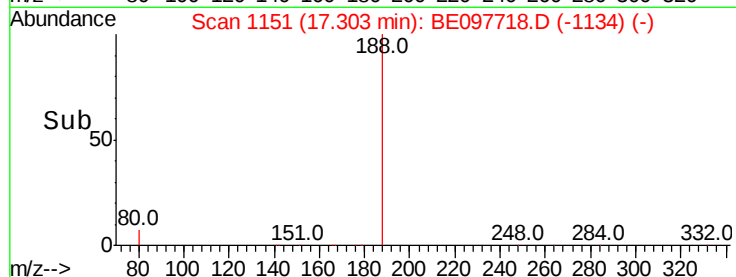
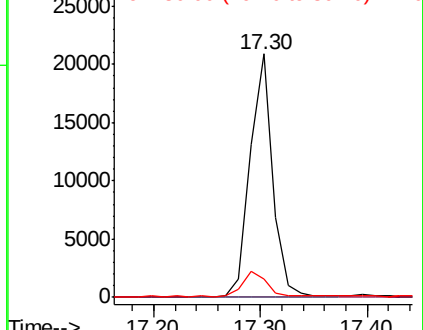
80 7.7 6.6 9.8



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

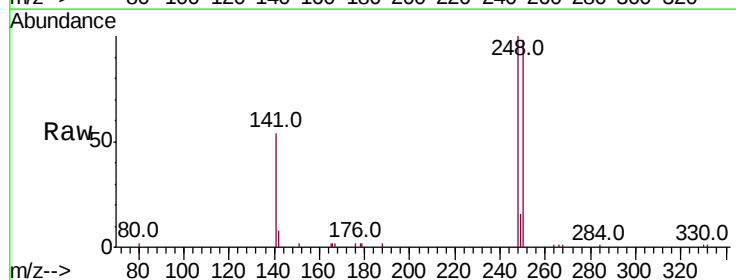
Tgt Ion:248 Resp: 6142

Ion Ratio Lower Upper

248 100

250 97.8 76.1 114.1

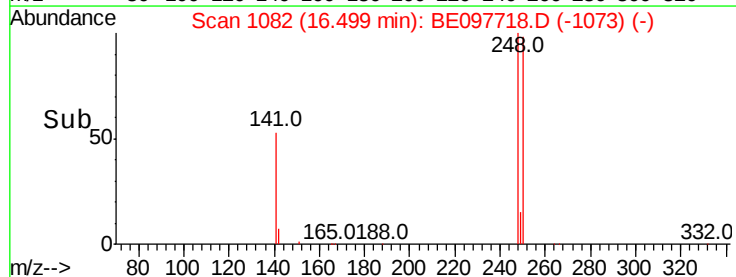
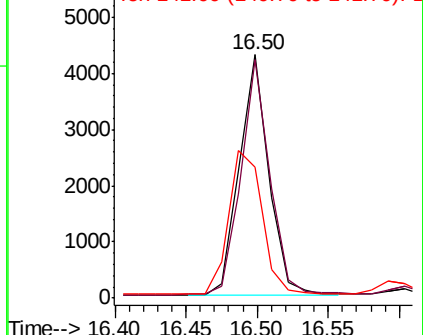
141 53.7 42.2 63.4

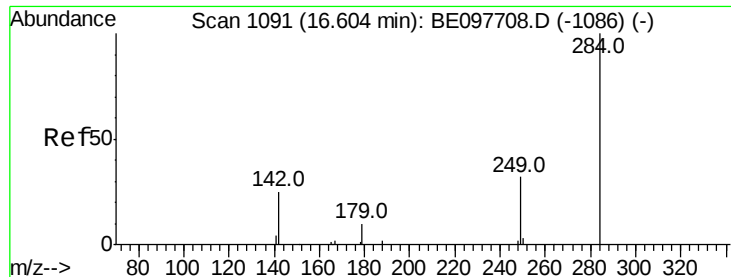


Abundance Ion 248.00 (247.70 to 248.70): E

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

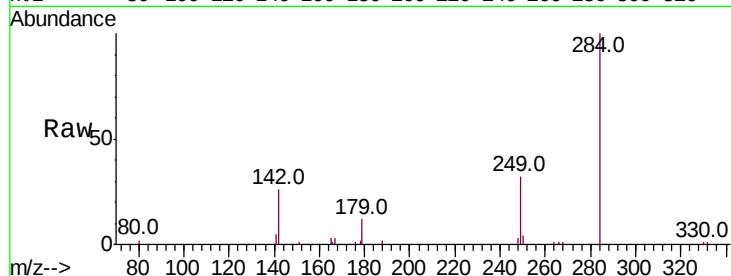
Tot Ion:284 Resp: 7072

Ion Ratio Lower Upper

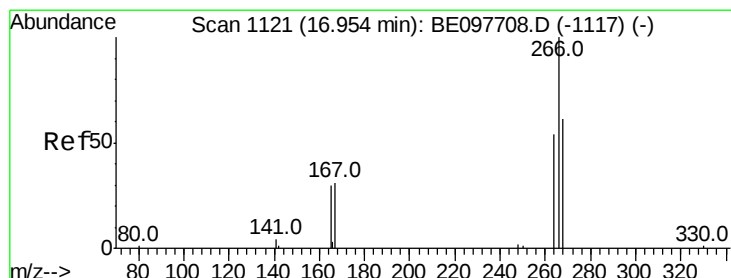
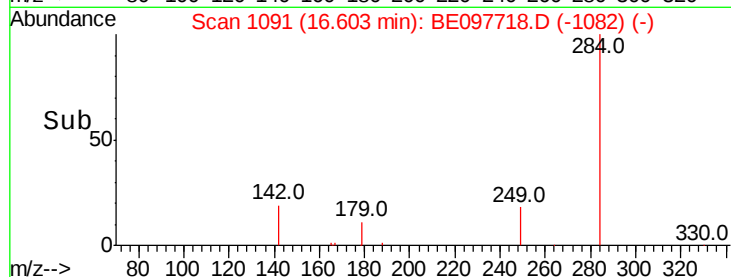
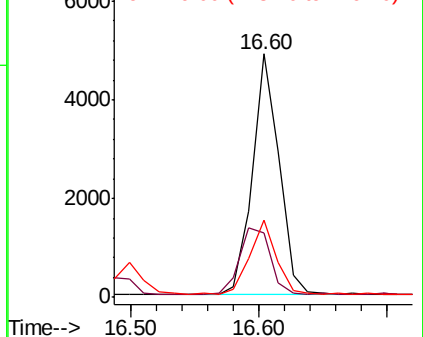
284 100

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

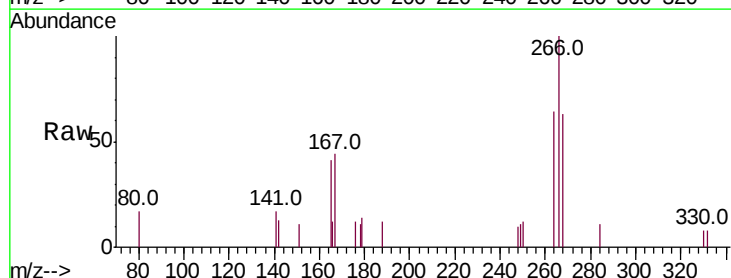
Tgt Ion:266 Resp: 1222

Ion Ratio Lower Upper

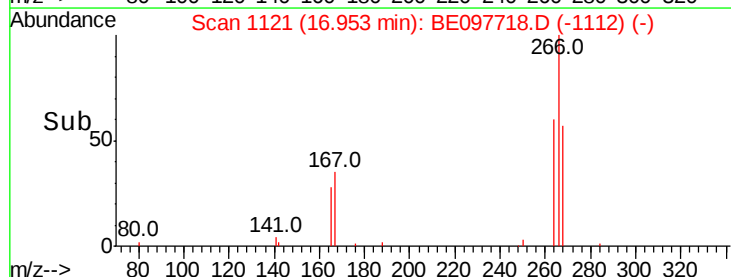
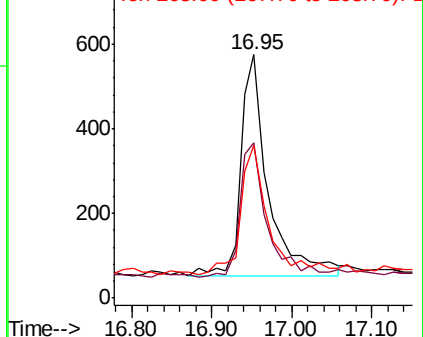
266 100

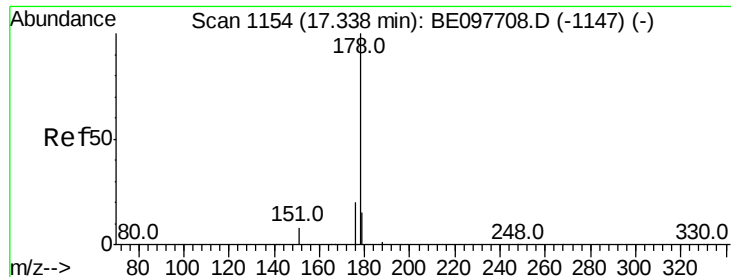
264 63.7 46.8 70.2

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

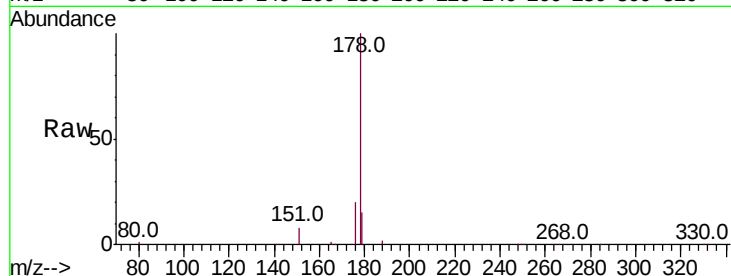
Tot Ion:178 Resp: 29748

Ion Ratio Lower Upper

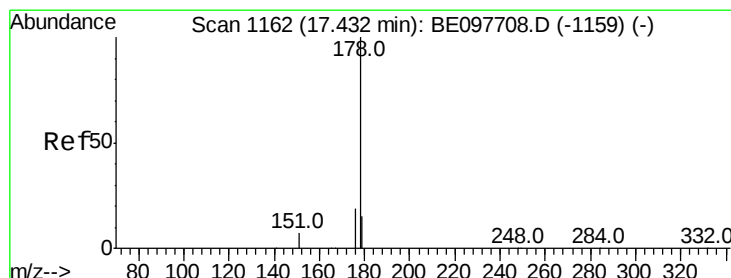
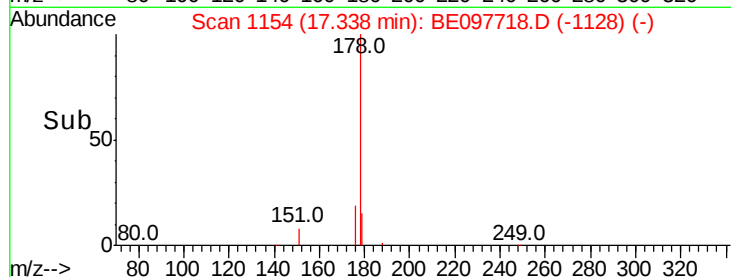
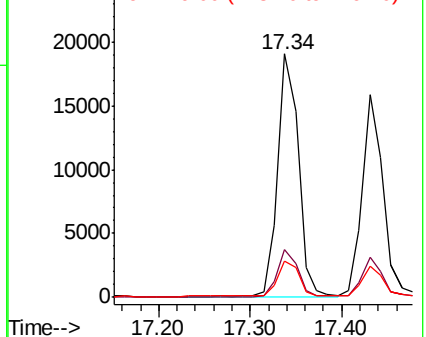
178 100

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

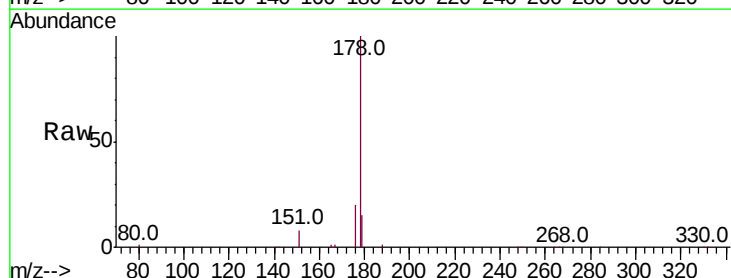
Tgt Ion:178 Resp: 24930

Ion Ratio Lower Upper

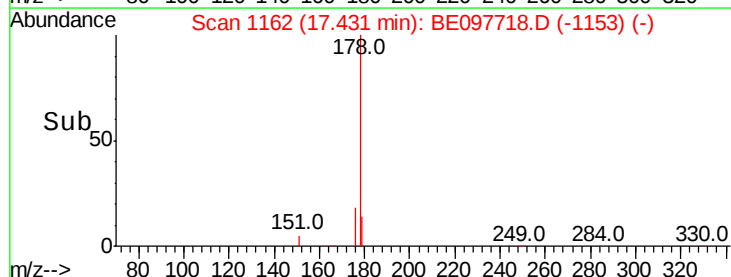
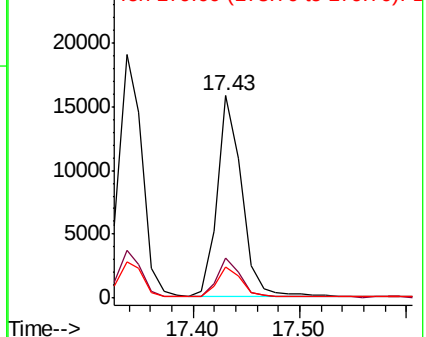
178 100

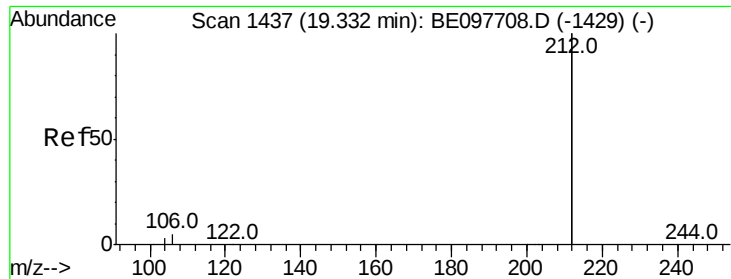
176 18.7 15.1 22.7

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

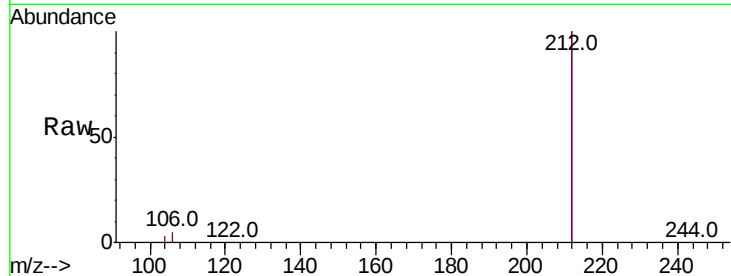
Tot Ion:212 Resp: 143278

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

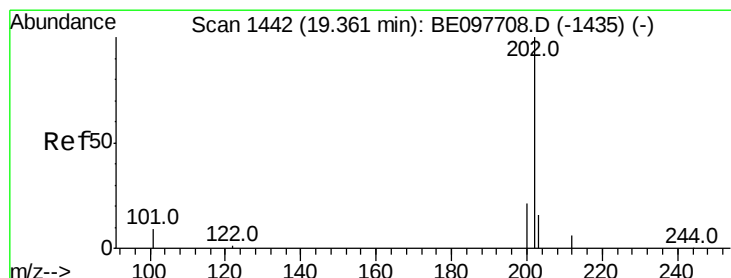
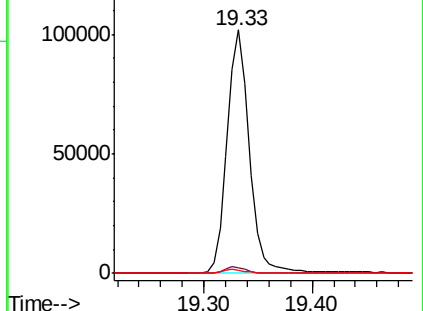
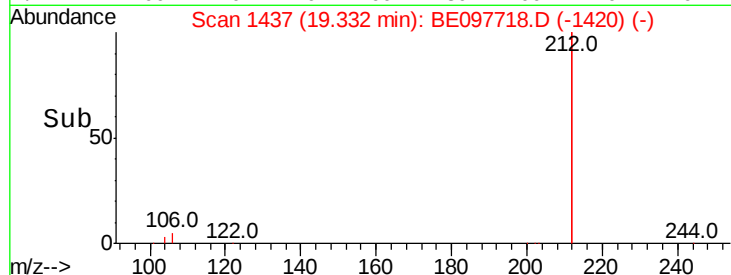
104 1.5 1.2 1.8



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: 0.368 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097718.D

Acq: 3 Oct 2018 19:16

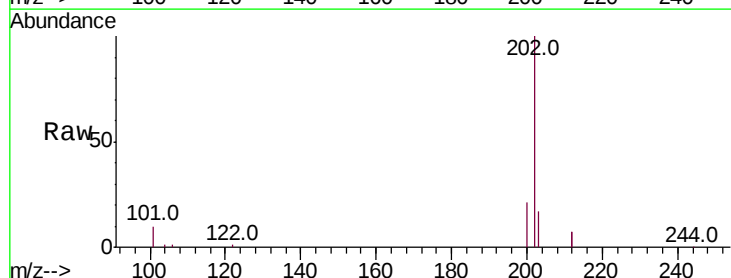
Tgt Ion:202 Resp: 37121

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.8

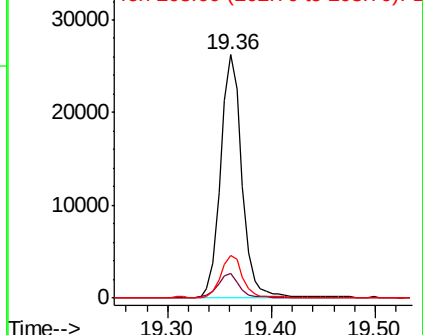
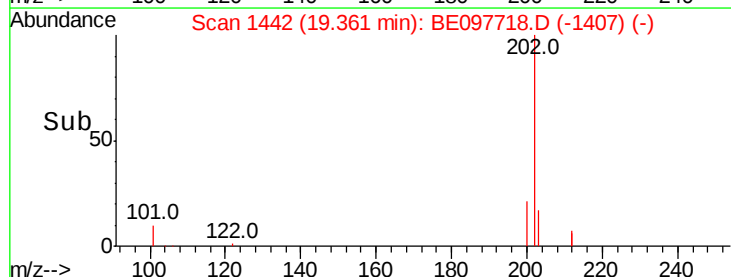
203 17.2 13.8 20.6

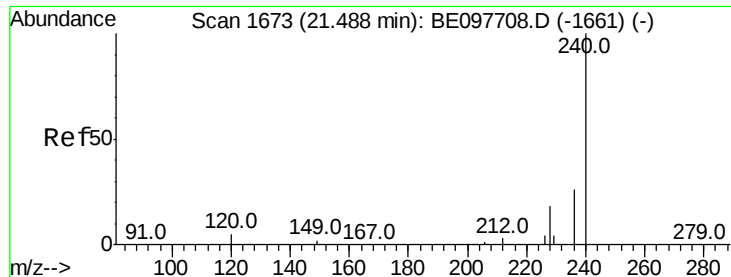


Abundance Ion 202.00 (201.70 to 202.70): E

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: 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

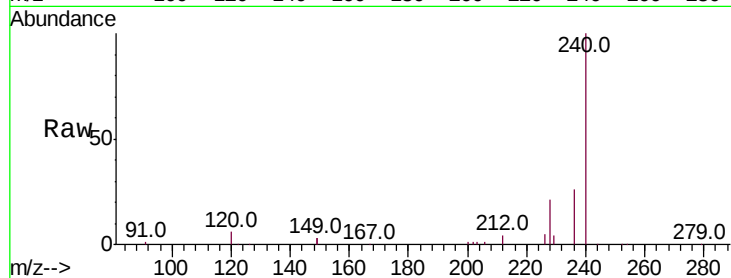
Tot Ion:240 Resp: 41223

Ion Ratio Lower Upper

240 100

120 6.2 4.7 7.1

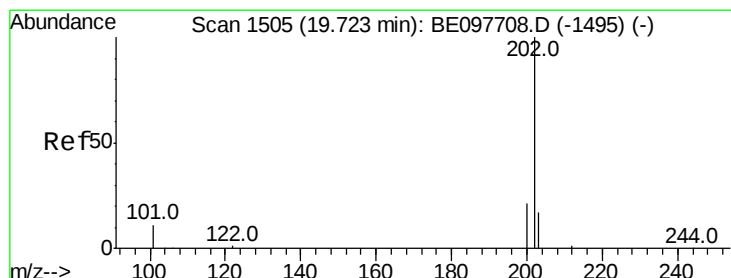
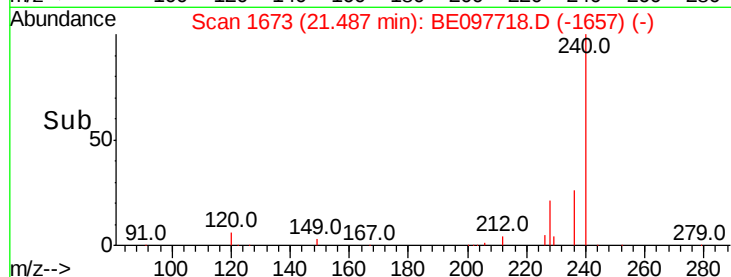
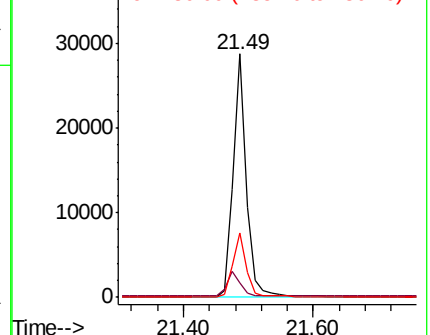
236 26.4 20.8 31.2



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

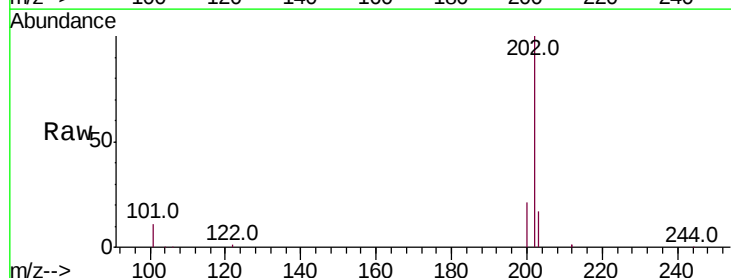
Tgt Ion:202 Resp: 37714

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

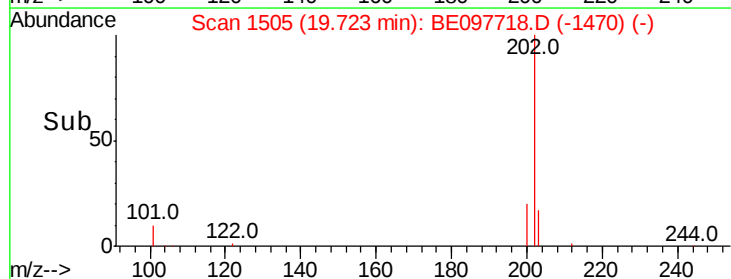
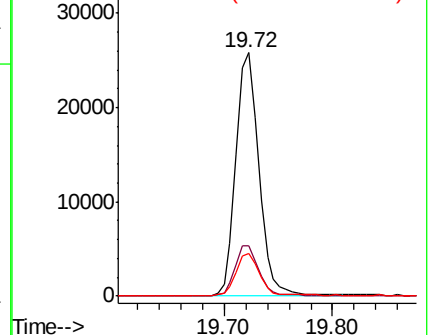
203 17.4 13.9 20.9

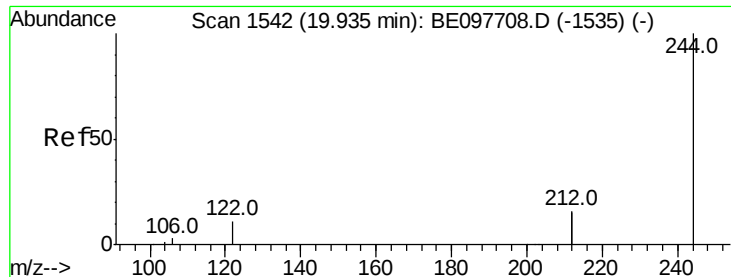


Abundance Ion 202.00 (201.70 to 202.70): E

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

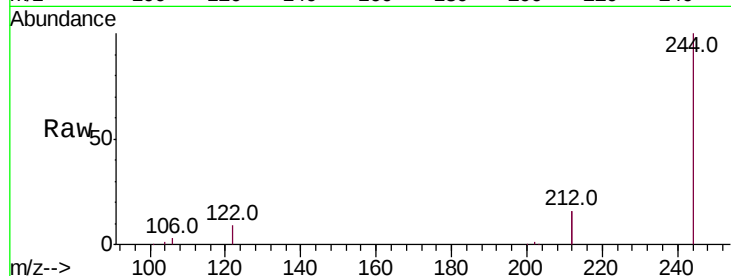
Tot Ion:244 Resp: 30244

Ion Ratio Lower Upper

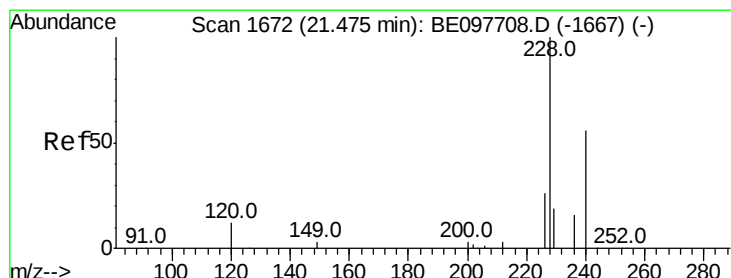
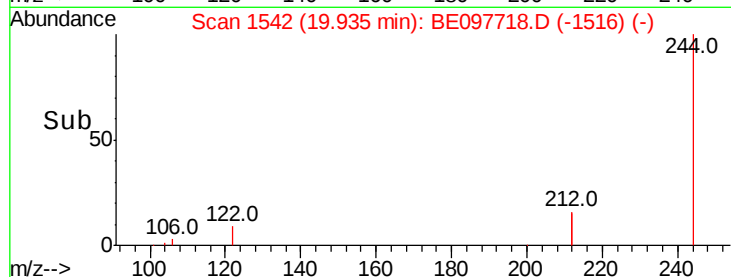
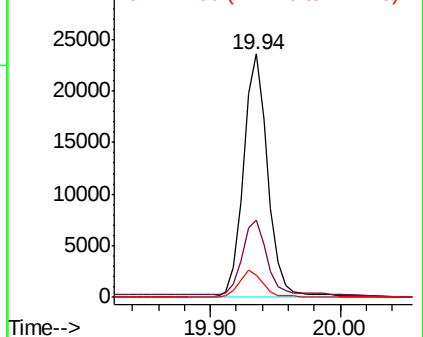
244 100

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

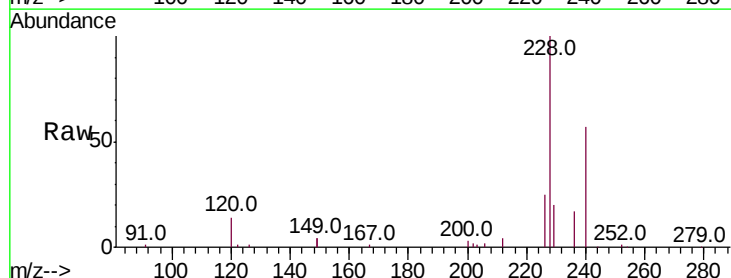
Tgt Ion:228 Resp: 39631

Ion Ratio Lower Upper

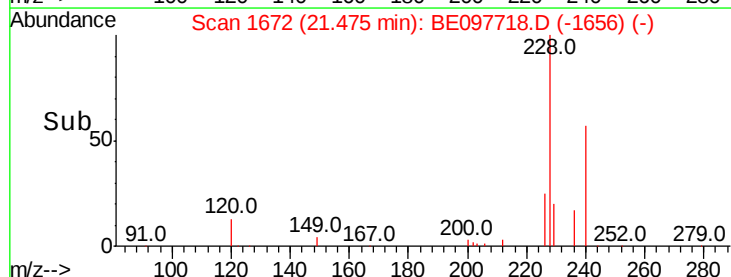
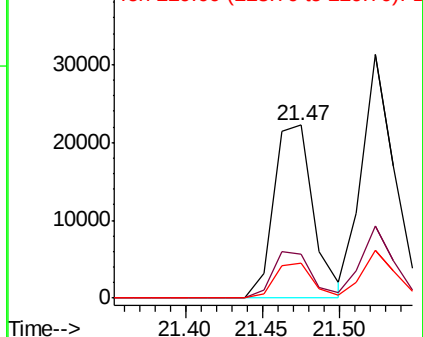
228 100

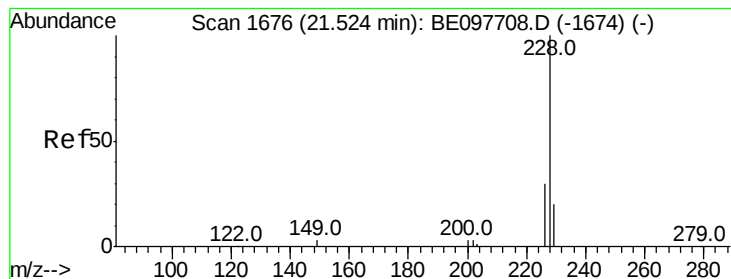
226 25.2 20.7 31.1

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 :

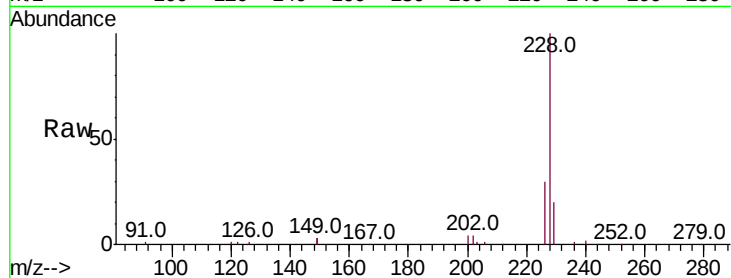
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 46249

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.5	16.0	24.0

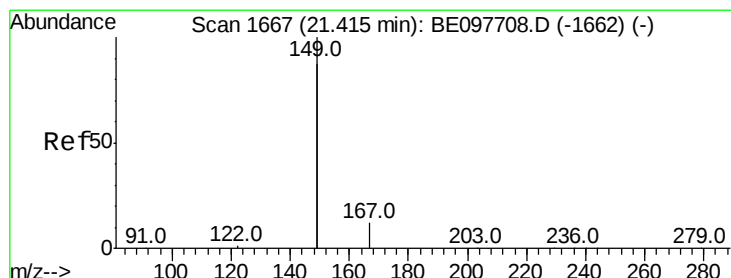
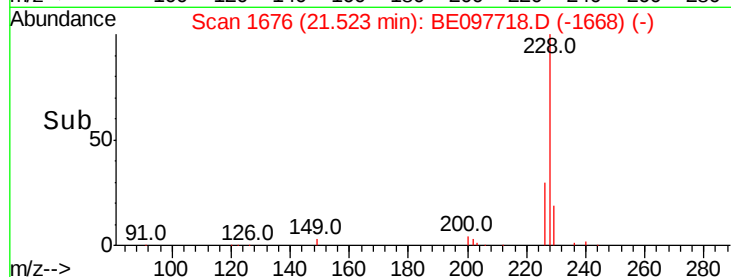
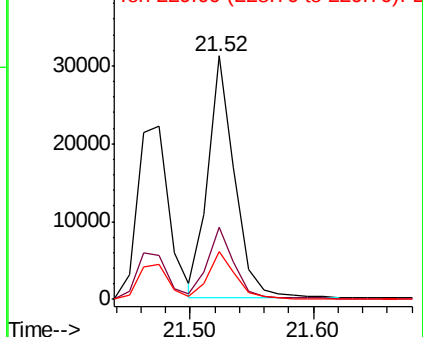


Abundance

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

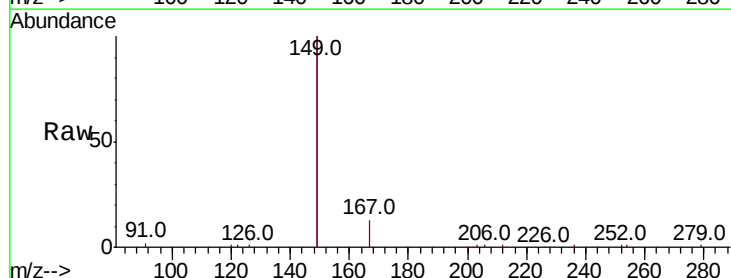
Delta R.T. 0.00 min

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

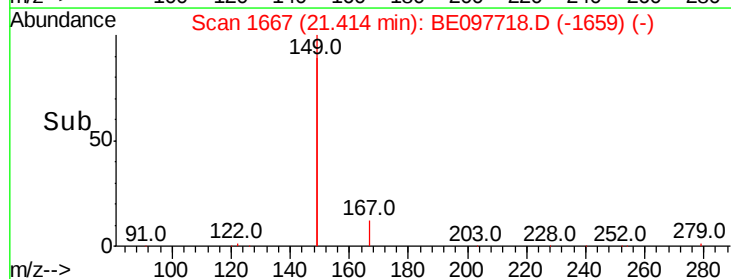
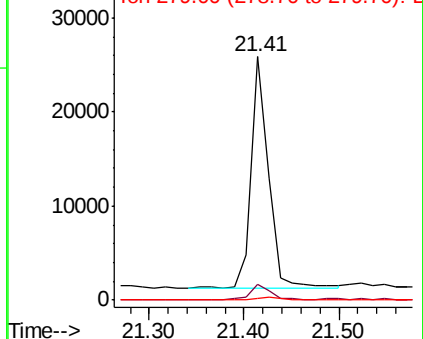


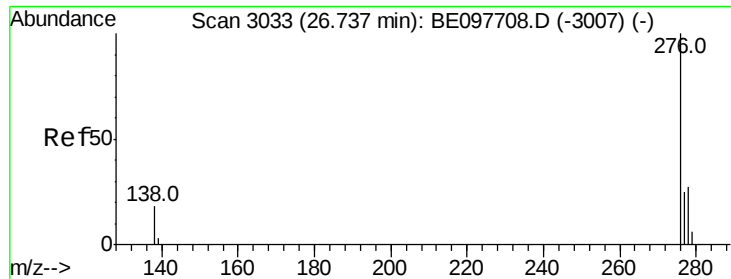
Abundance

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

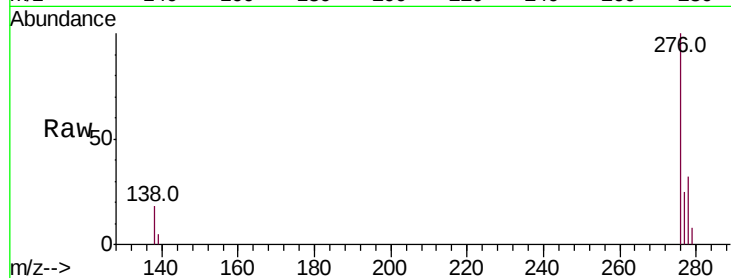
Tot Ion:276 Resp: 42104

Ion Ratio Lower Upper

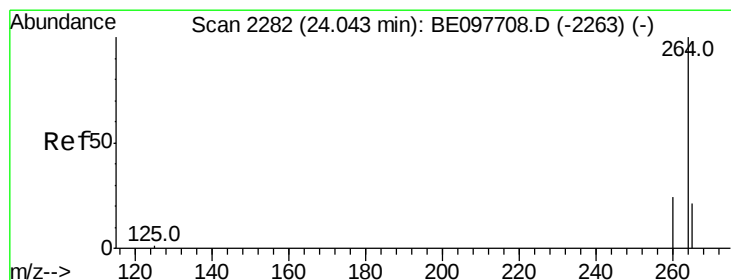
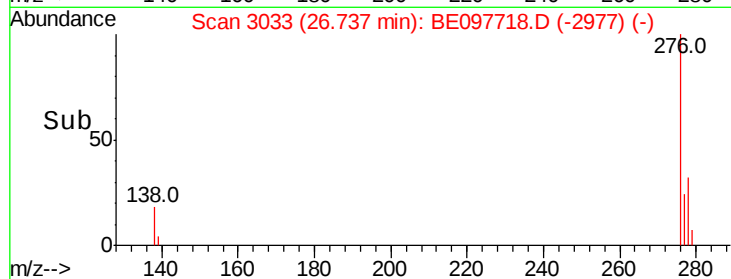
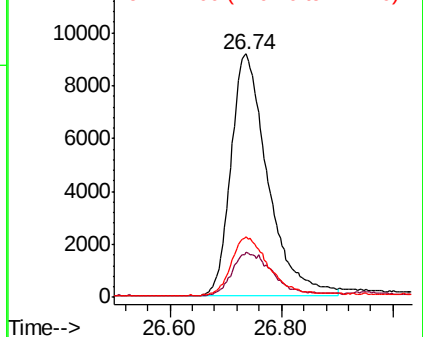
276 100

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

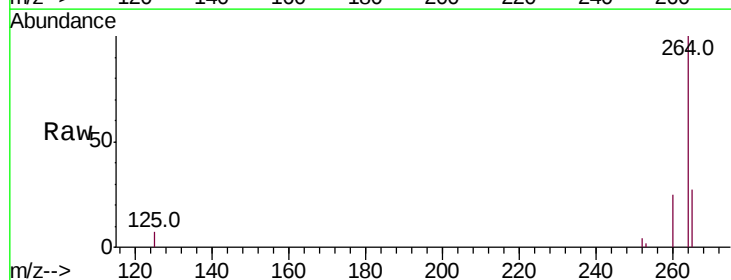
Tgt Ion:264 Resp: 40883

Ion Ratio Lower Upper

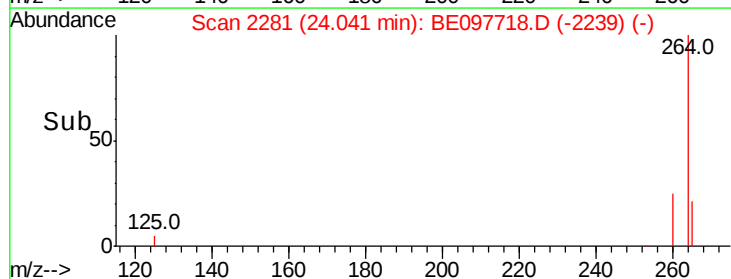
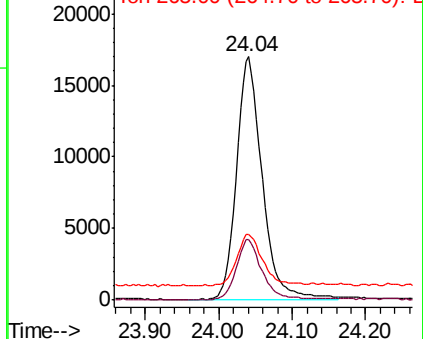
264 100

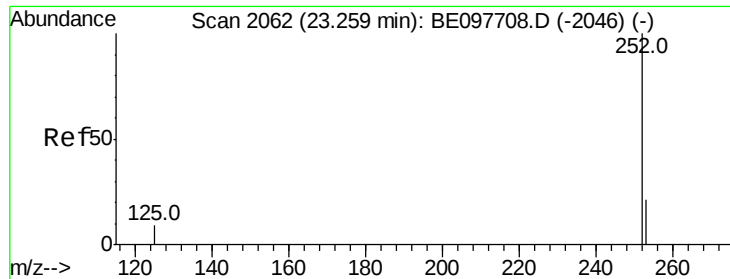
260 25.1 19.1 28.7

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

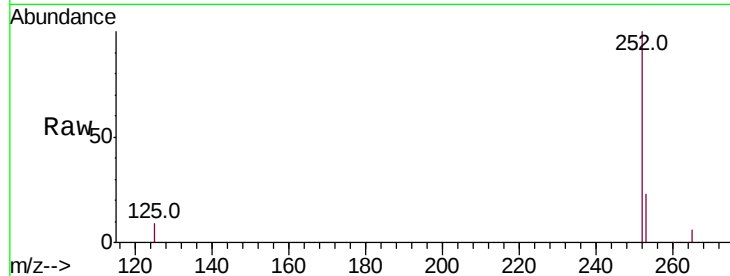




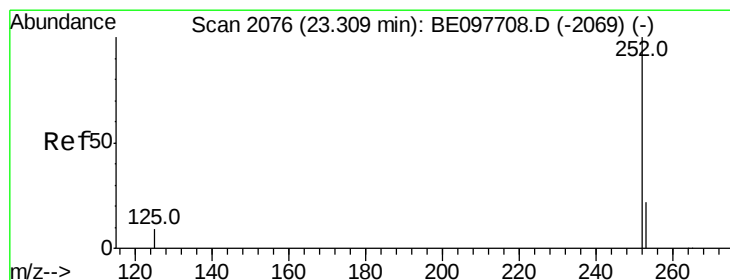
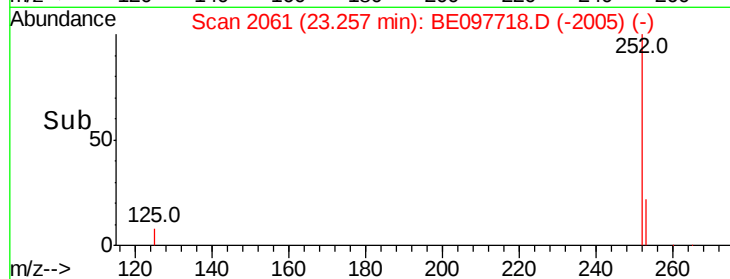
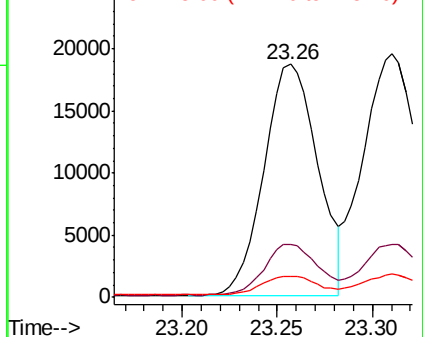
#35
Benzo(b)fluoranthene
Concen: 0.327 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 36636
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.1 7.8 11.8

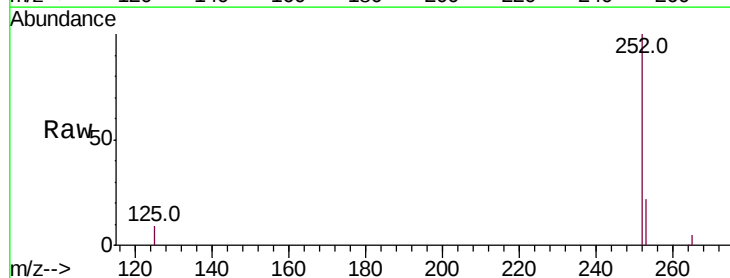


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

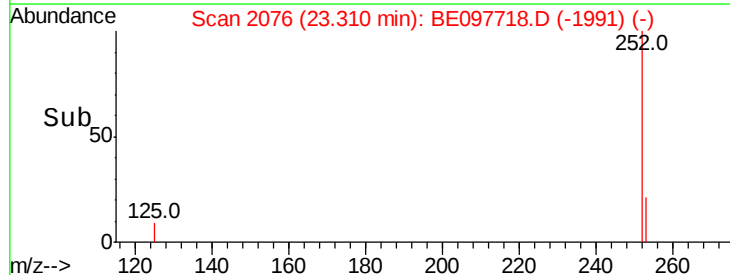
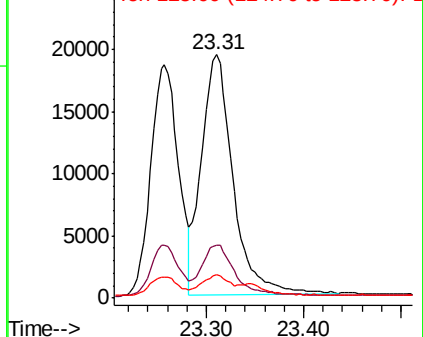


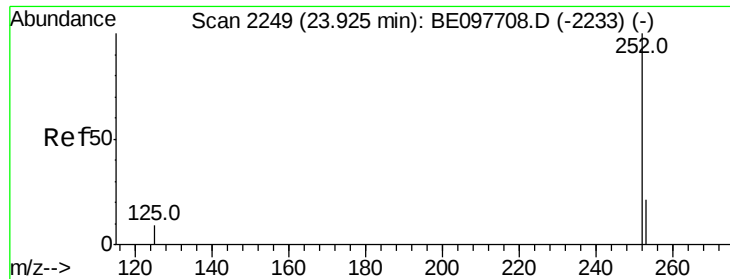
#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

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

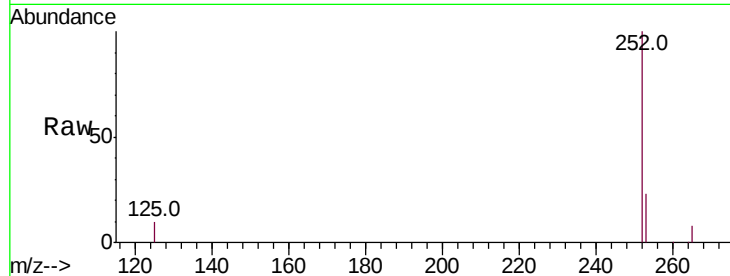




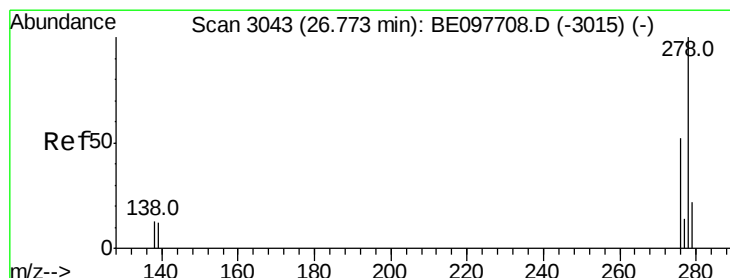
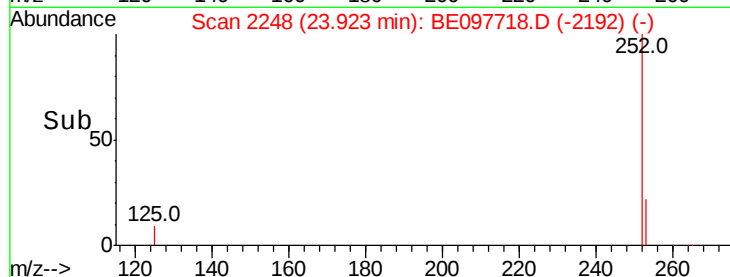
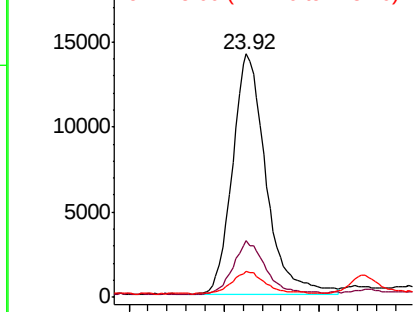
#37
Benzo(a)pyrene
Concen: 0.339 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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

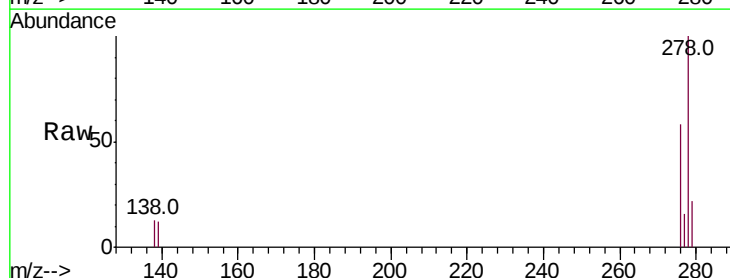


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

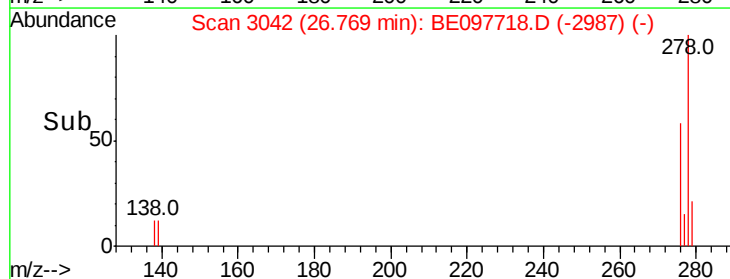
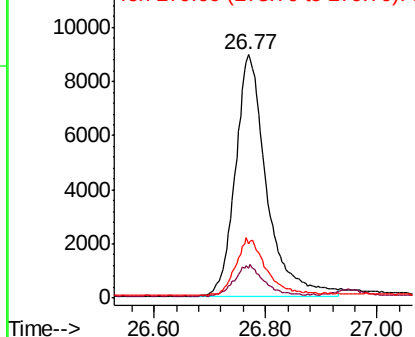


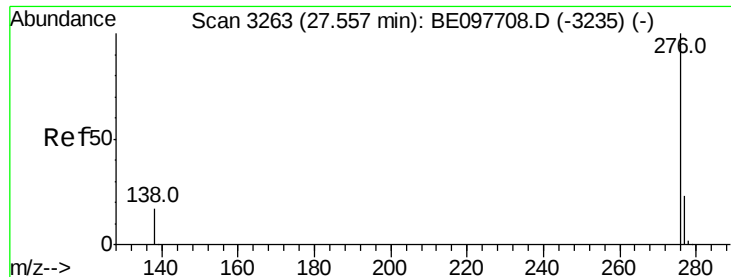
#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.77 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE097718.D
Acq: 3 Oct 2018 19:16

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(a,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

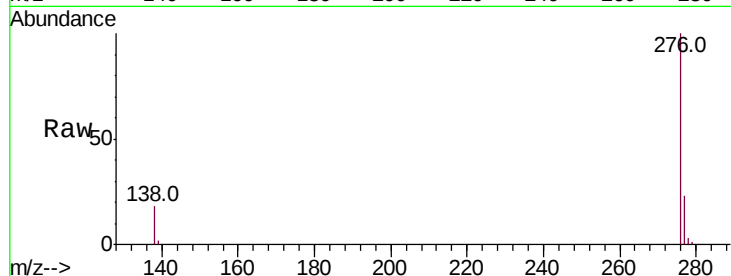
Tot Ion:276 Resp: 36593

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

