

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097908.D
 Acq On : 16 Oct 2018 13:13
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 16 13:49:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 13:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1889	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8276	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5342	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	13844	0.40	ng	0.00
27) Chrysene-d12	21.49	240	17082	0.40	ng	0.00
34) Perylene-d12	24.04	264	17069	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	2250	0.50	ng	0.00
5) Phenol-d6	7.06	99	3418	0.50	ng	0.00
8) Nitrobenzene-d5	9.04	82	3067	1.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5373	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	1016	1.05	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8262	0.35	ng	0.00
25) Fluoranthene-d10	19.33	212	69952	0.40	ng	0.00
29) Terphenyl-d14	19.93	244	14201	0.41	ng	0.00

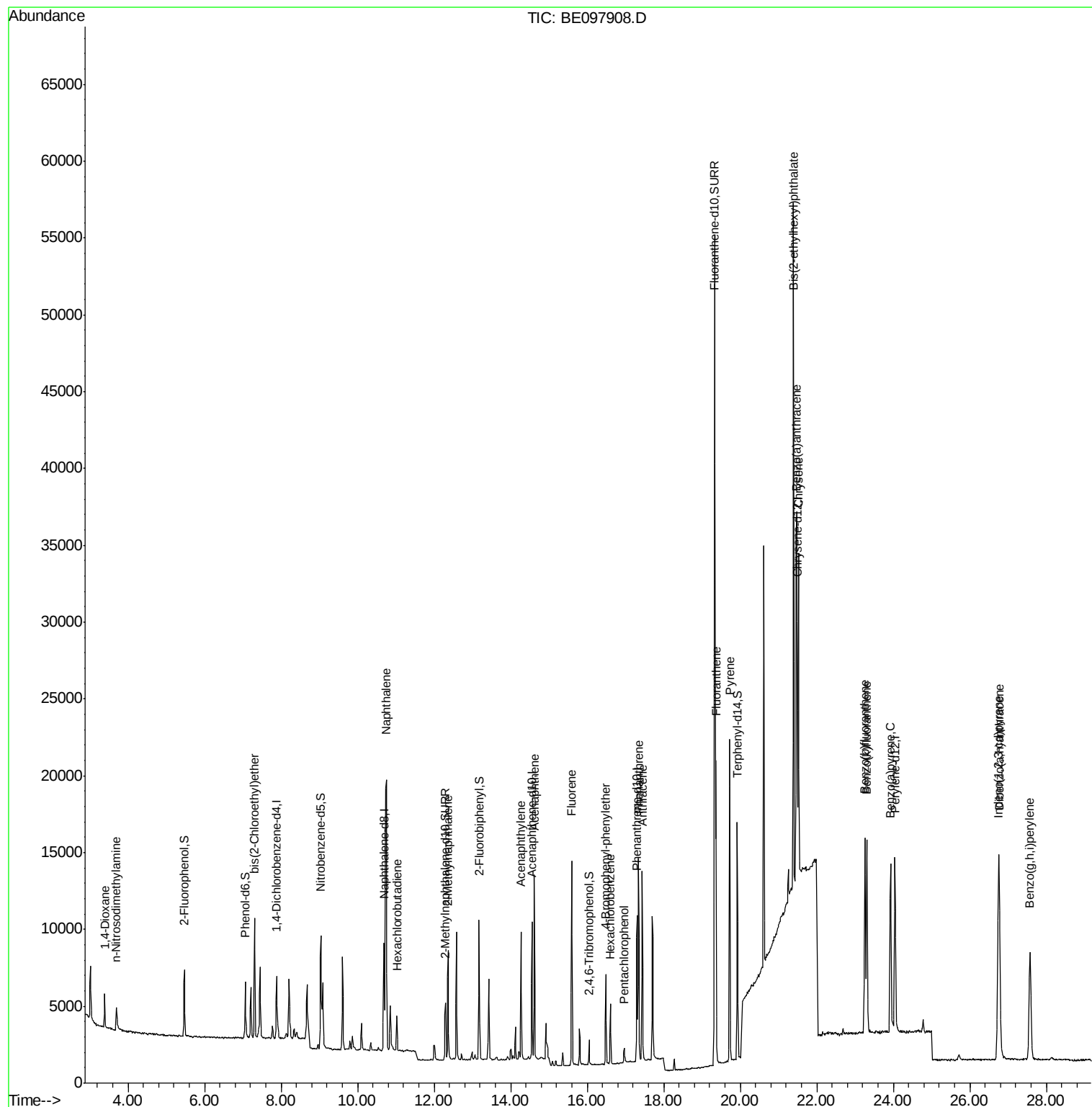
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1216	0.323	ng	96
3) n-Nitrosodimethylamine	3.69	42	1299	0.379	ng	100
6) bis(2-Chloroethyl)ether	7.30	93	2798	0.395	ng	100
9) Naphthalene	10.74	128	32106	0.385	ng	100
10) Hexachlorobutadiene	11.03	225	1719	0.388	ng	99
12) 2-Methylnaphthalene	12.37	142	5446	0.408	ng	100
16) Acenaphthylene	14.27	152	9355	0.395	ng	100
17) Acenaphthene	14.62	154	5736	0.379	ng	100
18) Fluorene	15.59	166	7908	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	2955	0.407	ng	100
21) Hexachlorobenzene	16.60	284	2912	0.356	ng	100
22) Pentachlorophenol	16.97	266	650	0.507	ng	100
23) Phenanthrene	17.34	178	13616	0.382	ng	100
24) Anthracene	17.43	178	12725	0.413	ng	100
26) Fluoranthene	19.36	202	17223	0.379	ng	100
28) Pyrene	19.72	202	18513	0.426	ng	100
30) Benzo(a)anthracene	21.46	228	19710	0.429	ng	100
31) Chrysene	21.52	228	18139	0.353	ng	100
32) Bis(2-ethylhexyl)phthalate	21.39	149	47727	1.421	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	21152	0.474	ng	100
35) Benzo(b)fluoranthene	23.26	252	18305	0.391	ng	100
36) Benzo(k)fluoranthene	23.31	252	18538	0.357	ng	100
37) Benzo(a)pyrene	23.93	252	18073	0.426	ng	100
38) Dibenzo(a,h)anthracene	26.77	278	17589	0.421	ng	100
39) Benzo(g,h,i)perylene	27.57	276	17558	0.402	ng	100

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

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Instrument :
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 13:45:48 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

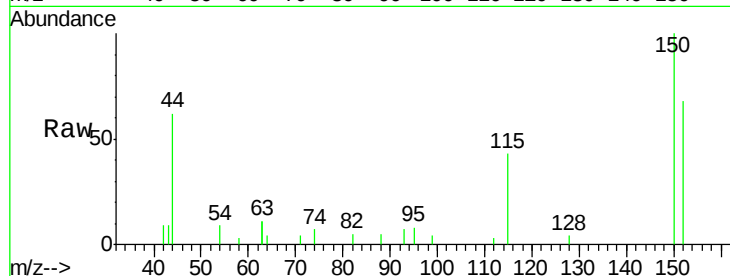
Tgt Ion:152 Resp: 1889

Ion Ratio Lower Upper

152 100

150 147.8 118.2 177.4

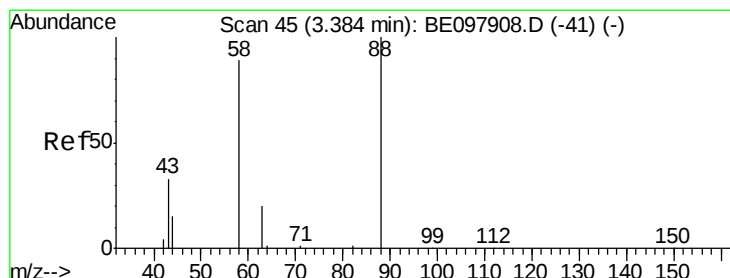
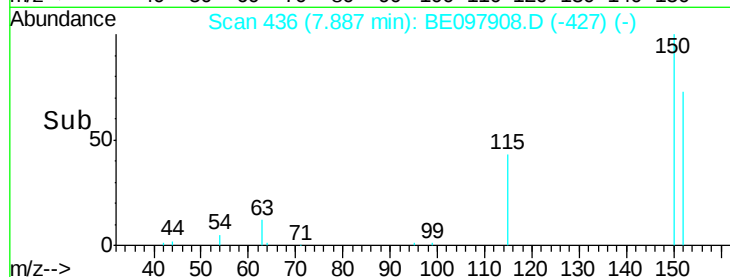
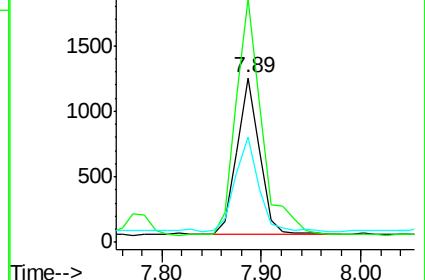
115 63.6 50.9 76.3



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: 0.323 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

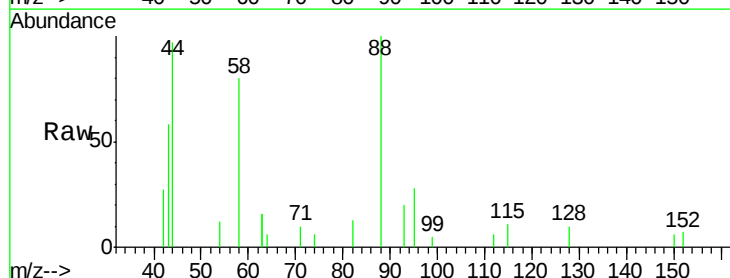
Tgt Ion: 88 Resp: 1216

Ion Ratio Lower Upper

88 100

58 91.5 73.2 109.8

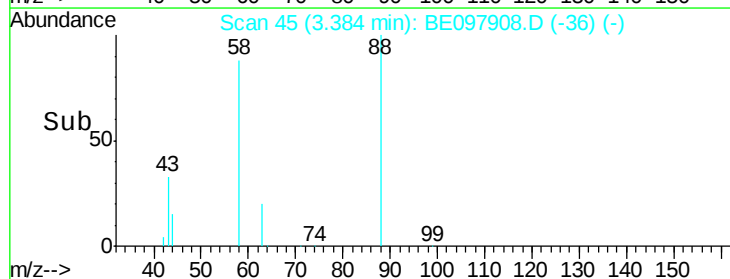
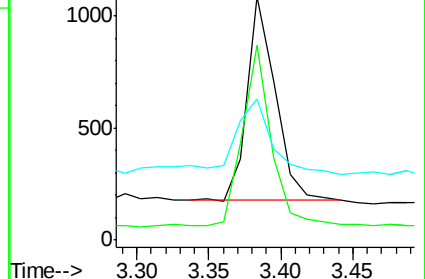
43 53.5 36.9 55.3



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



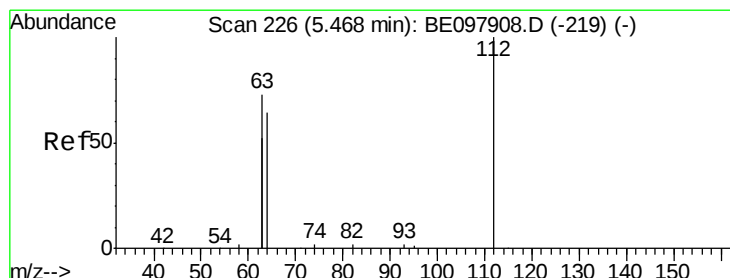
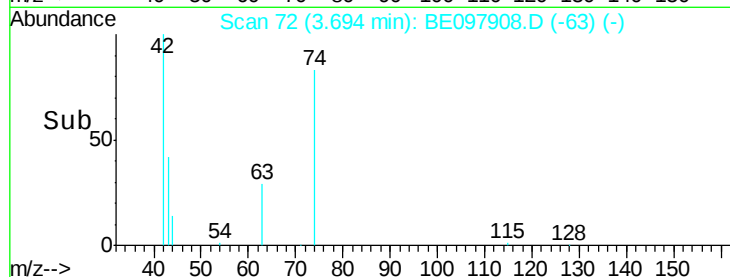
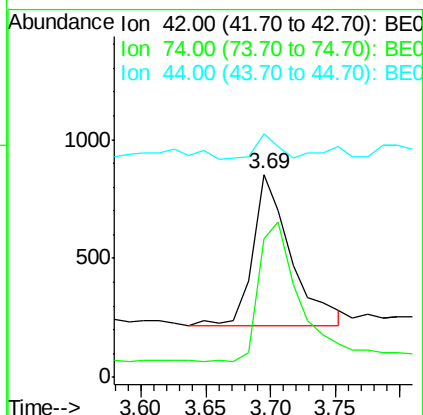
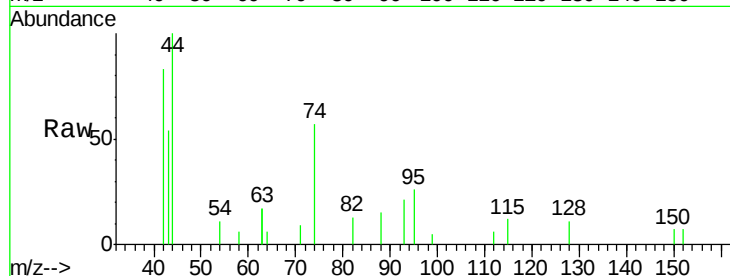


#3

n-Nitrosodimethylamine
 Concen: 0.379 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

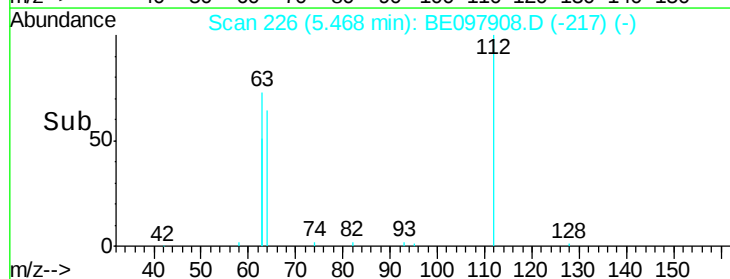
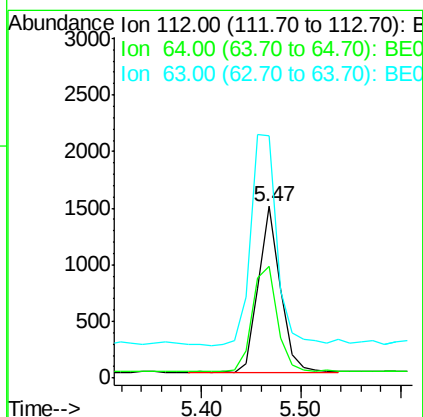
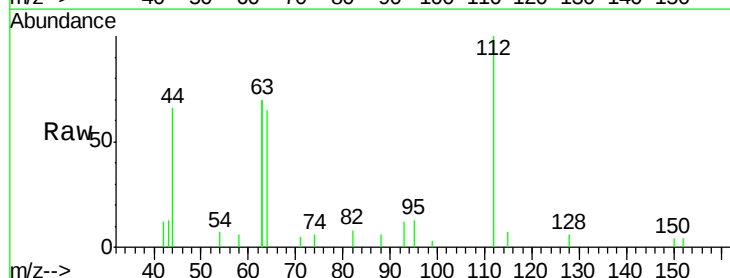
Tgt Ion: 42 Resp: 1299
 Ion Ratio Lower Upper
 42 100
 74 97.0 77.6 116.4
 44 9.5 7.6 11.4

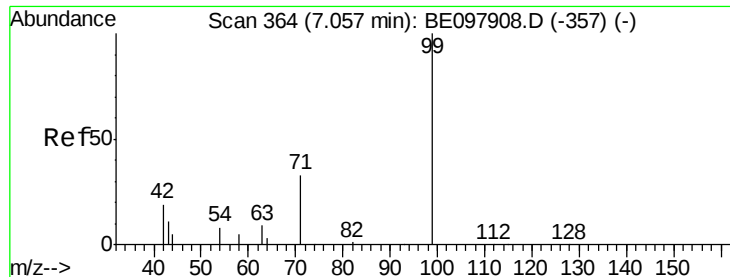


#4

2-Fluorophenol
 Concen: 0.503 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Tgt Ion: 112 Resp: 2250
 Ion Ratio Lower Upper
 112 100
 64 73.6 58.9 88.3
 63 150.4 120.3 180.5





#5

Phenol-d6

Concen: 0.499 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

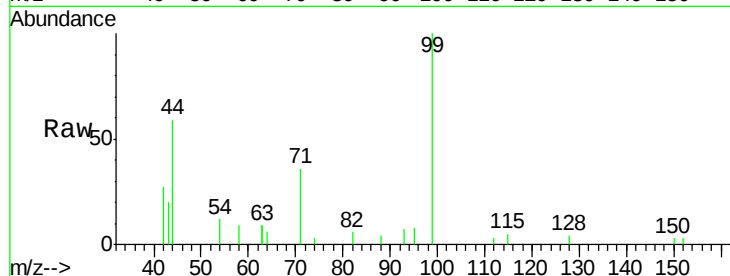
Tgt Ion: 99 Resp: 3418

Ion Ratio Lower Upper

99 100

42 24.9 19.9 29.9

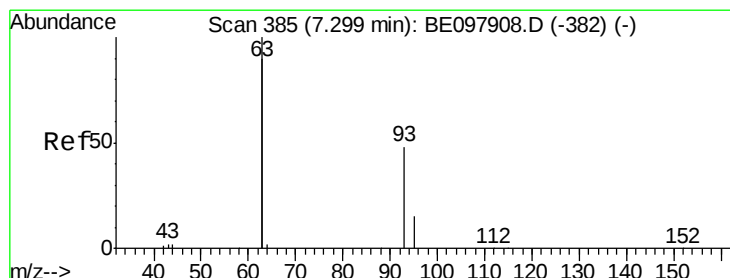
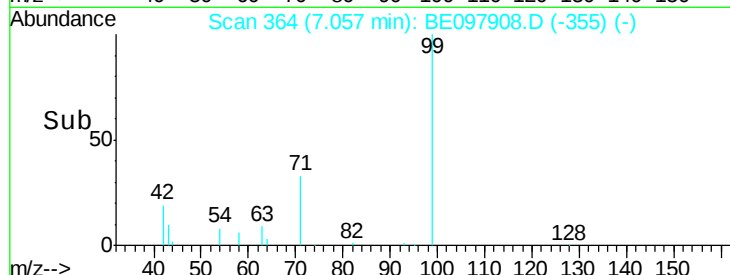
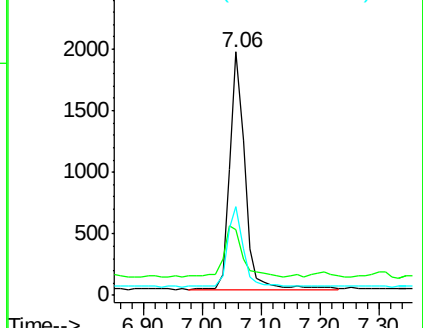
71 34.1 27.8 41.8



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: 0.395 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

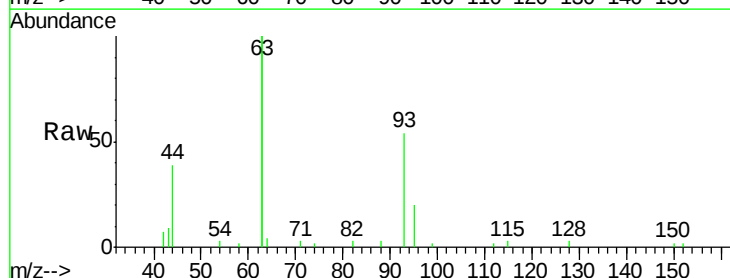
Tgt Ion: 93 Resp: 2798

Ion Ratio Lower Upper

93 100

63 323.7 259.0 388.4

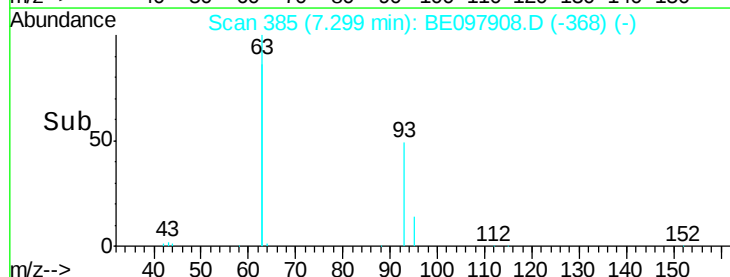
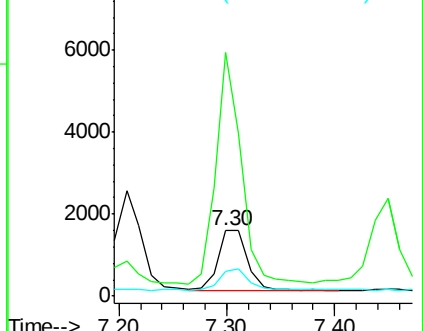
95 34.8 27.8 41.8

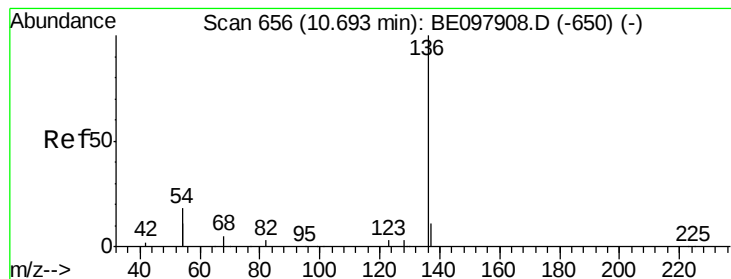


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 8276

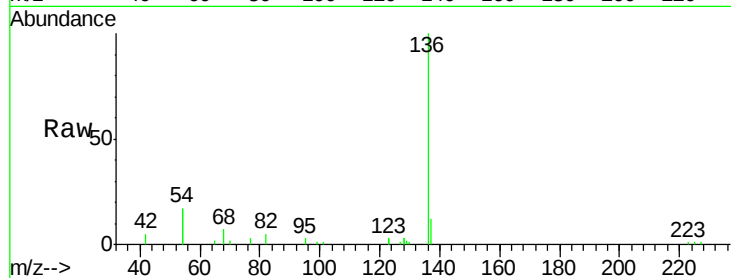
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 34.6 27.7 41.5

68 6.6 5.3 7.9

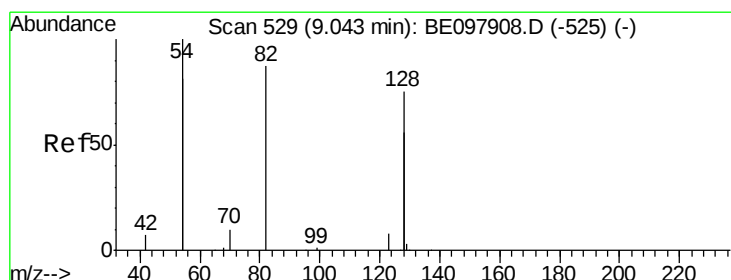
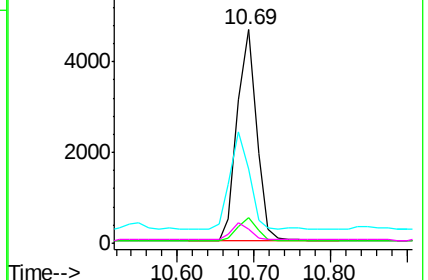
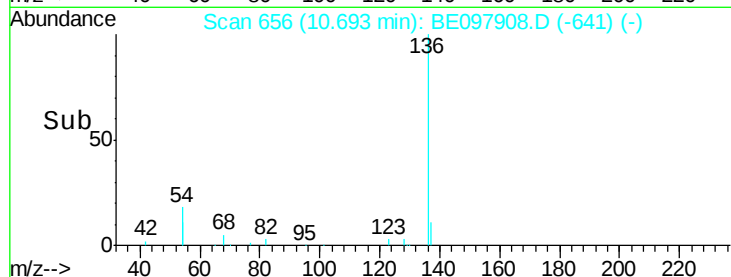


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.141 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

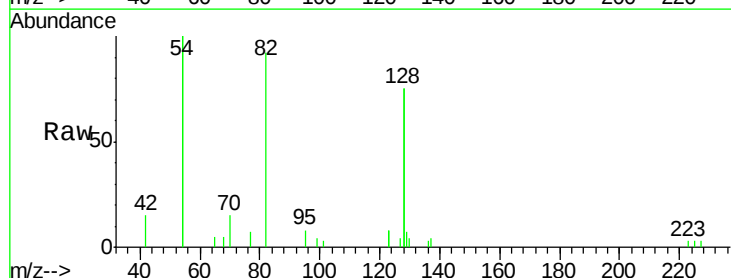
Tgt Ion: 82 Resp: 3067

Ion Ratio Lower Upper

82 100

128 162.4 129.9 194.9

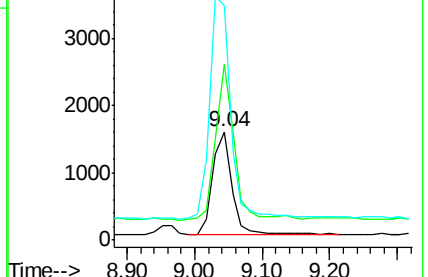
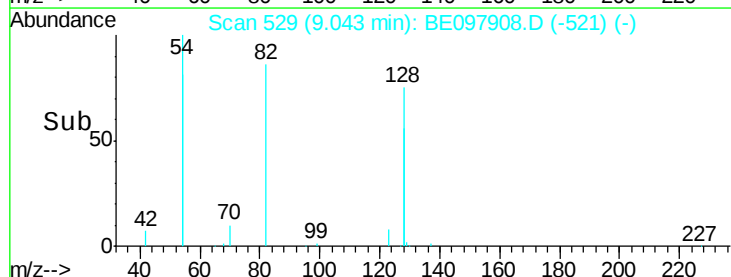
54 217.5 174.0 261.0

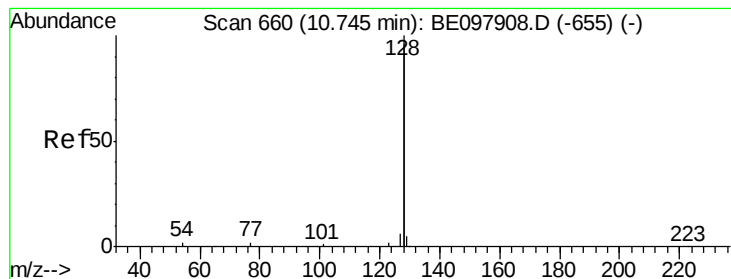


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

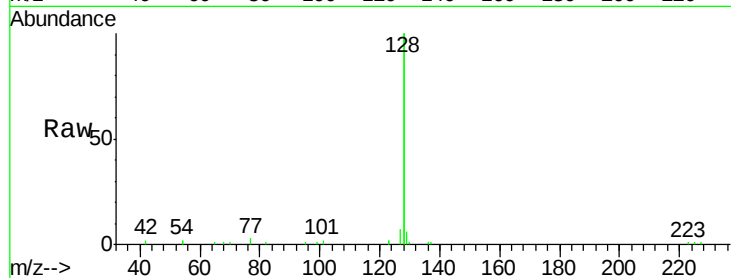
Tgt Ion:128 Resp: 32106

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

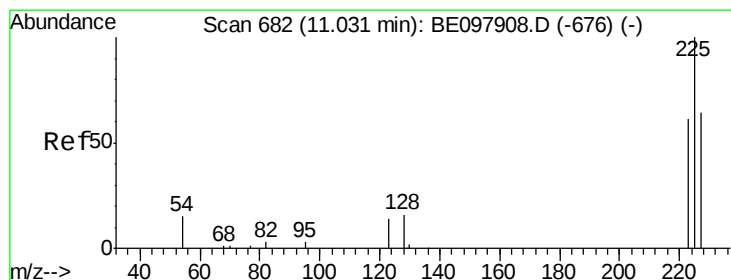
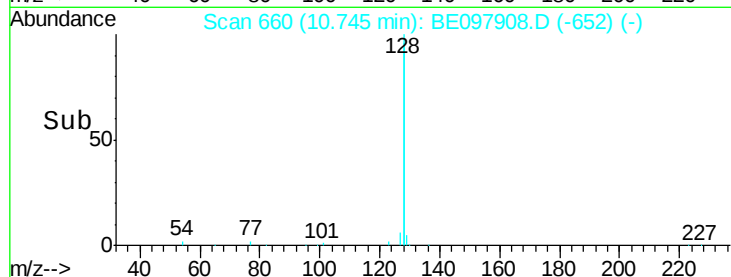
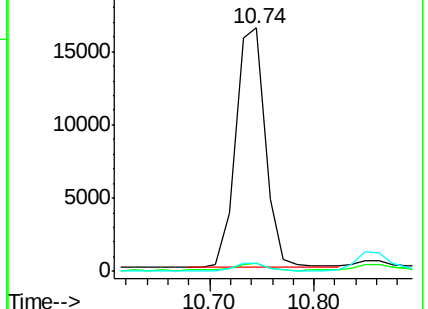
127 3.5 2.8 4.2



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: 0.388 ng

RT: 11.03 min Scan# 682

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

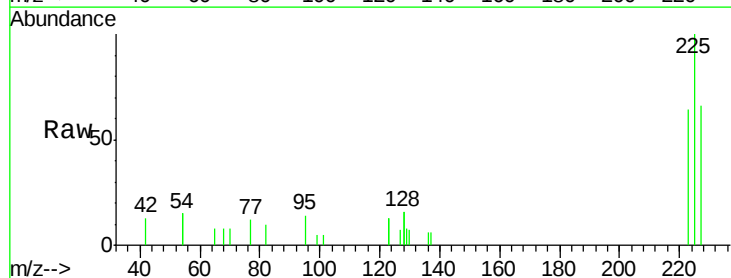
Tgt Ion:225 Resp: 1719

Ion Ratio Lower Upper

225 100

223 64.1 51.8 77.8

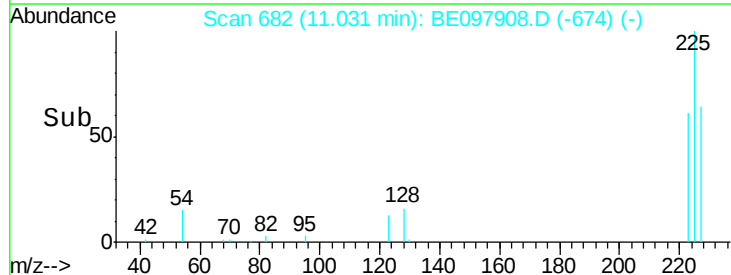
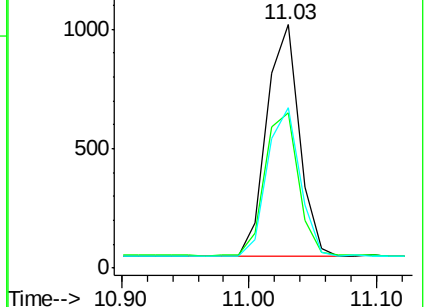
227 65.1 53.0 79.6

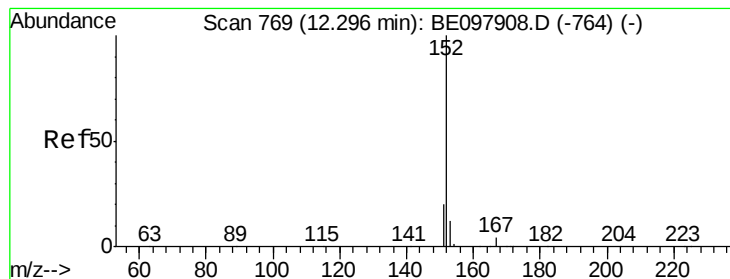


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

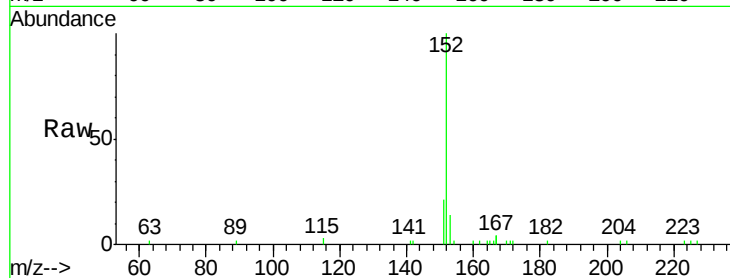
SSTDICCC0.4

Tgt Ion:152 Resp: 5373

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

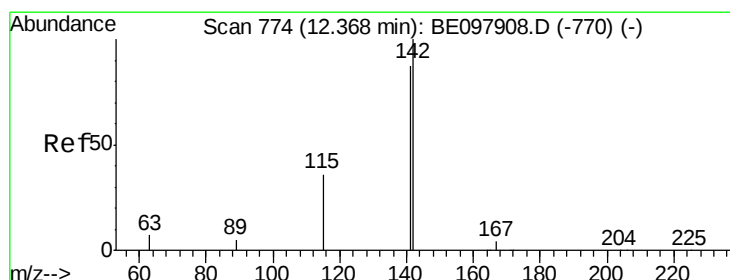
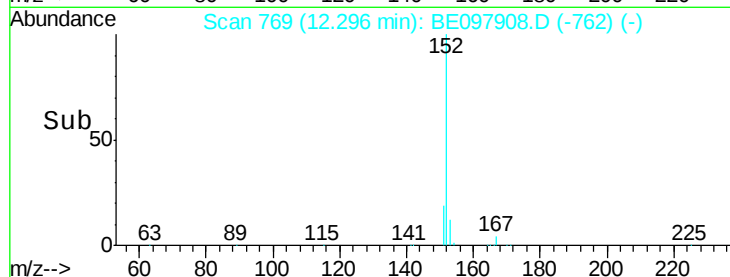
2000

1000

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.37 min Scan# 774

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

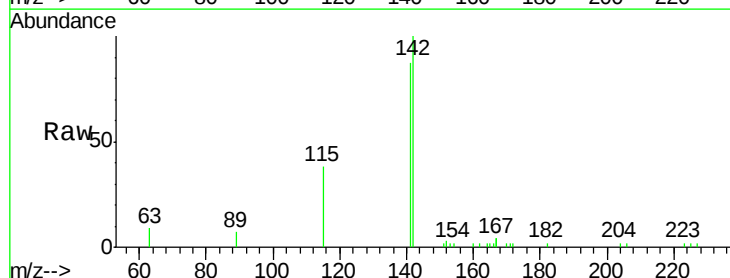
Tgt Ion:142 Resp: 5446

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

115 38.1 30.5 45.7



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

4000

3000

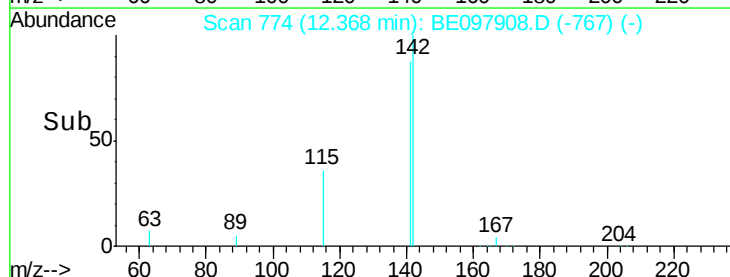
2000

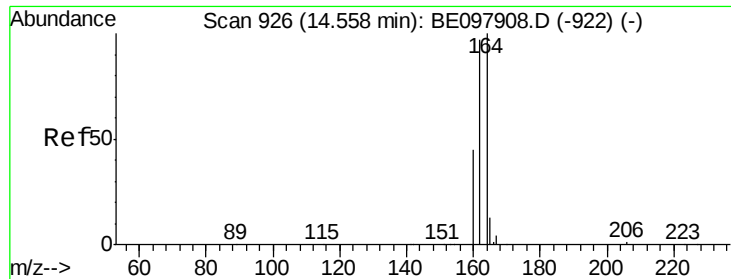
1000

0

12.30 12.35 12.40

Time-->

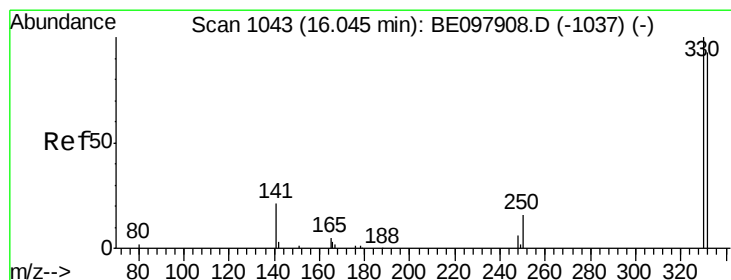
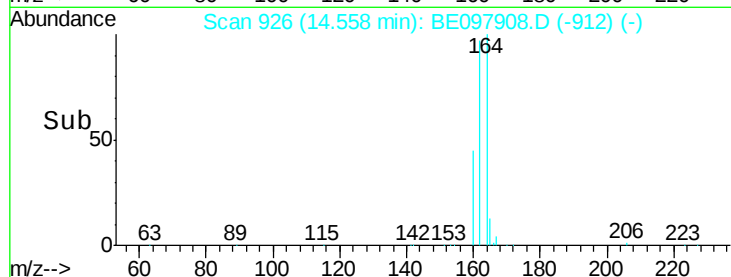
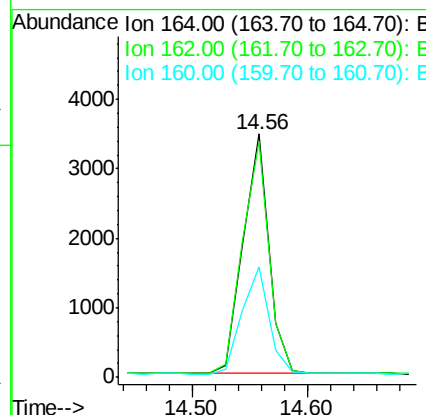
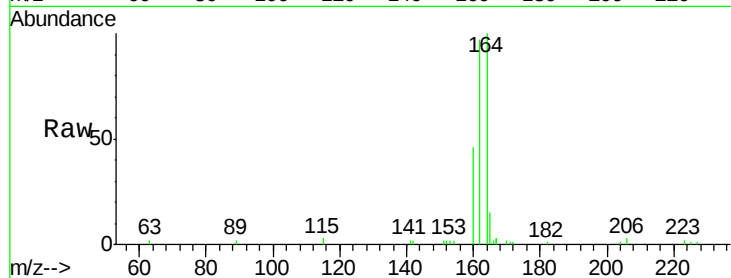




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

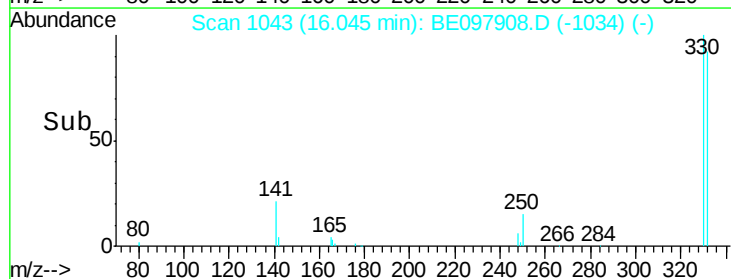
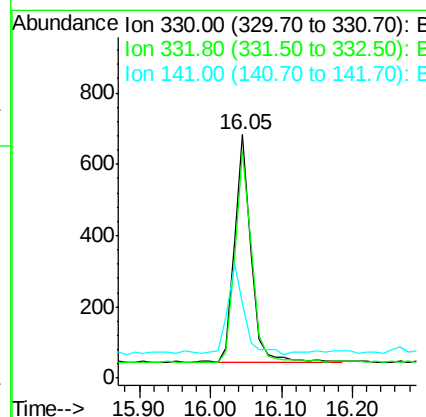
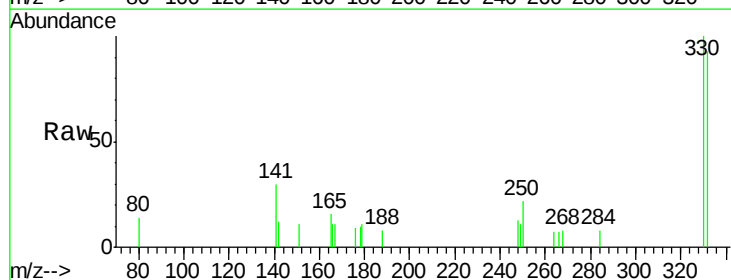
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

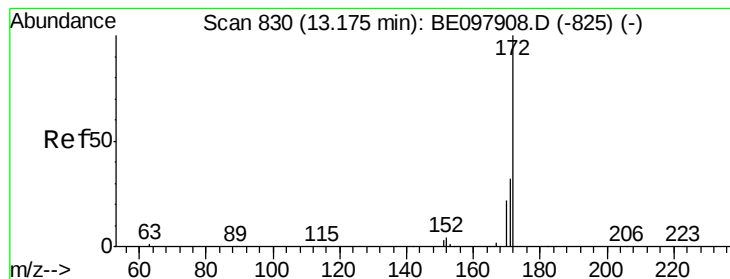
Tgt Ion:164 Resp: 5342
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.4 116.2
 160 45.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 1.049 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Tgt Ion:330 Resp: 1016
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.5 114.7
 141 39.7 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 13.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

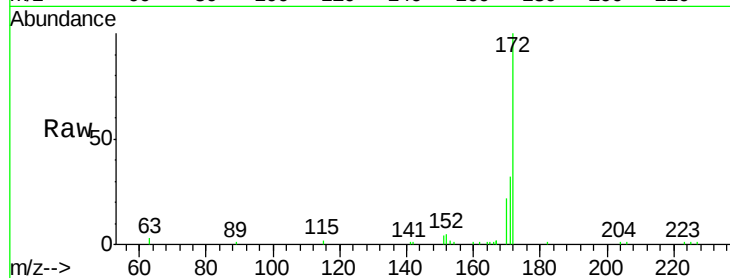
Tgt Ion:172 Resp: 8262

Ion Ratio Lower Upper

172 100

171 32.5 26.0 39.0

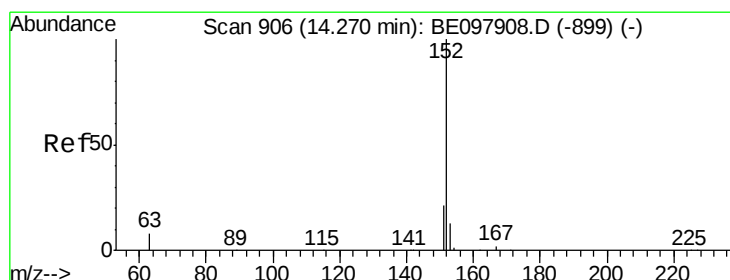
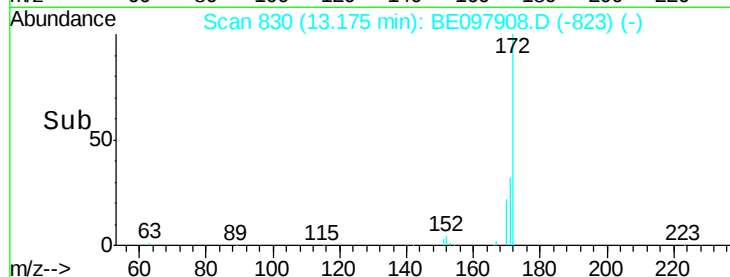
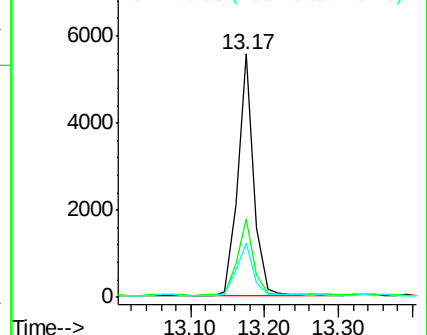
170 22.5 18.0 27.0



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: 0.395 ng

RT: 14.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

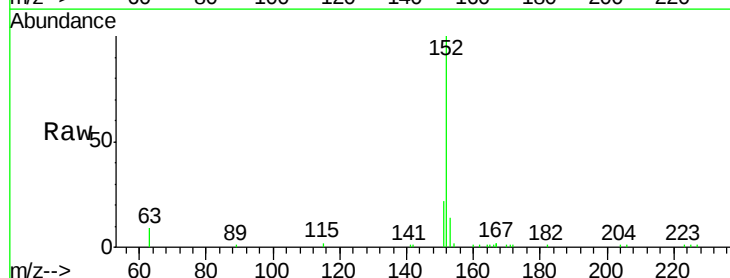
Tgt Ion:152 Resp: 9355

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

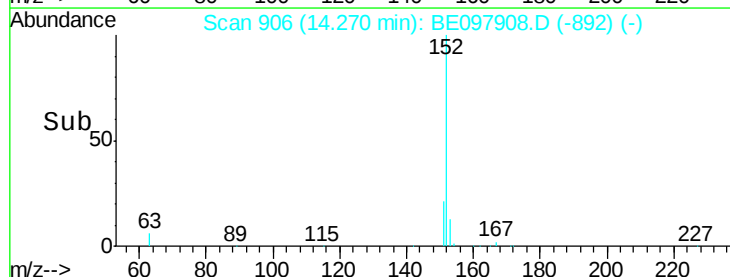
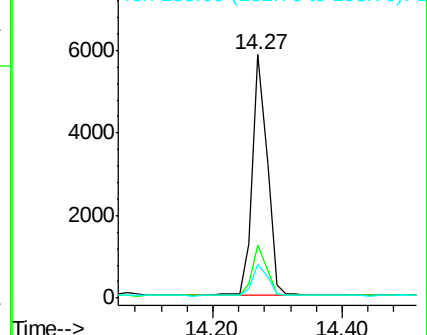
153 13.6 10.9 16.3

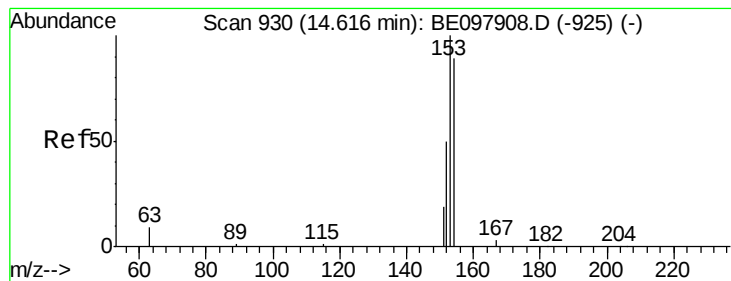


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.62 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

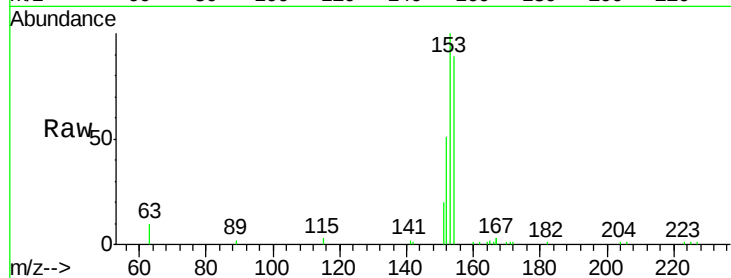
Tgt Ion:154 Resp: 5736

Ion Ratio Lower Upper

154 100

153 115.8 92.6 139.0

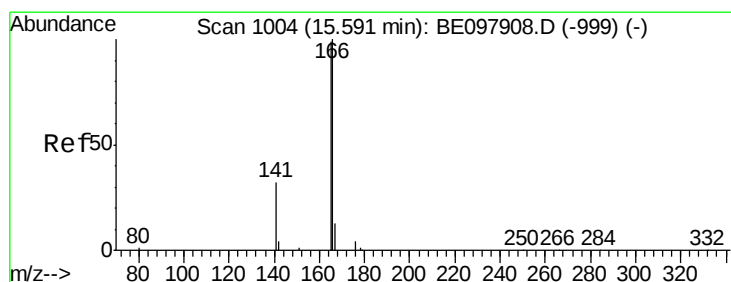
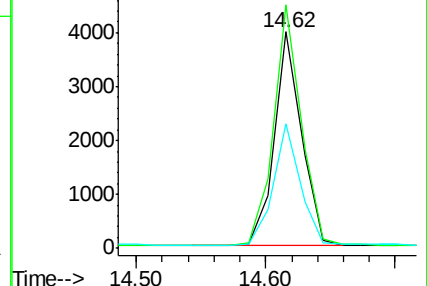
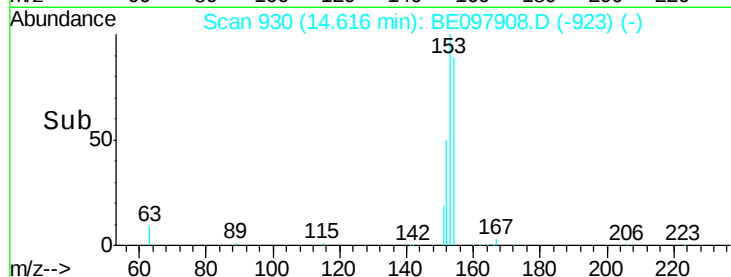
152 56.9 45.5 68.3



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: 0.393 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

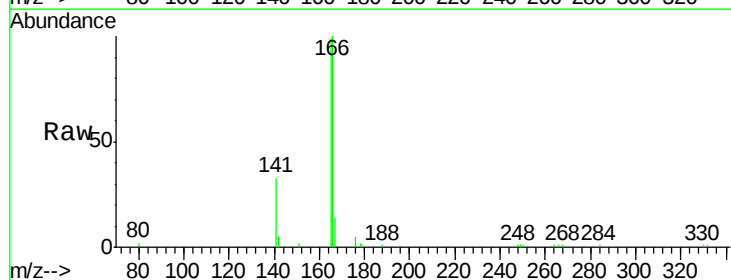
Tgt Ion:166 Resp: 7908

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

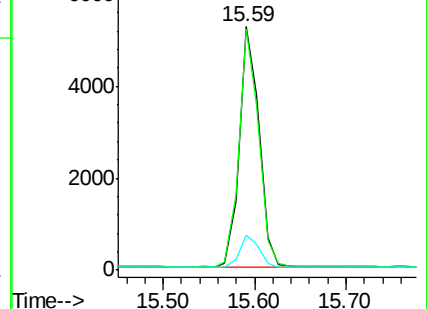
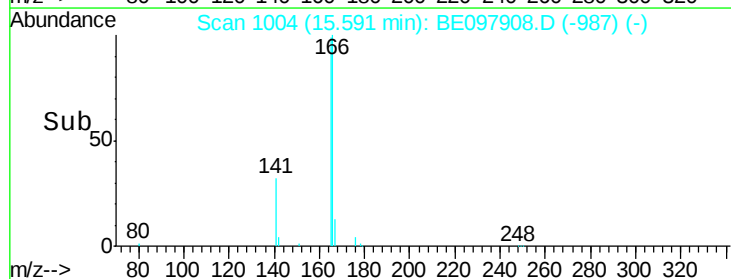
167 13.8 11.0 16.6

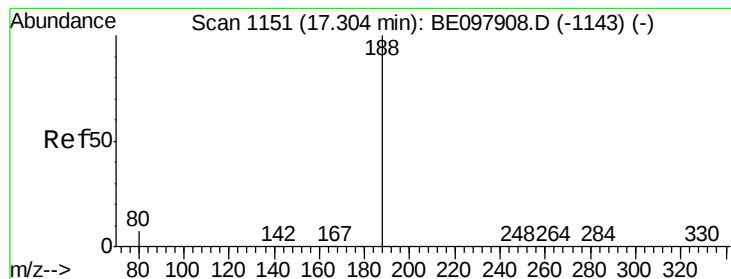


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

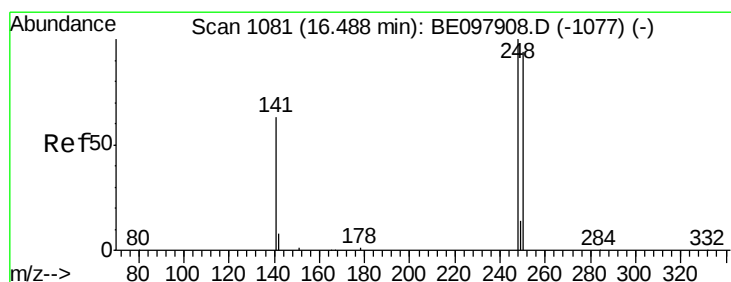
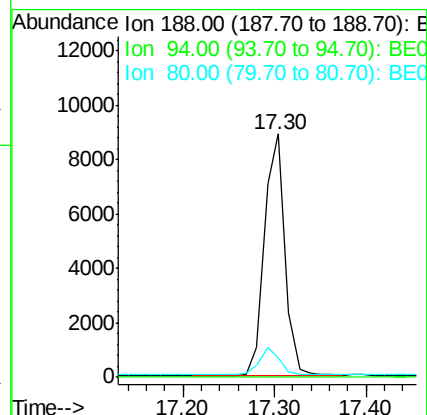
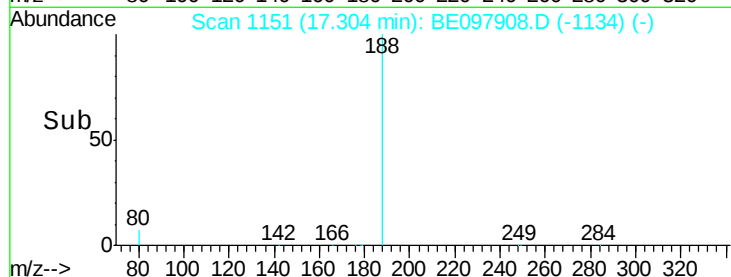
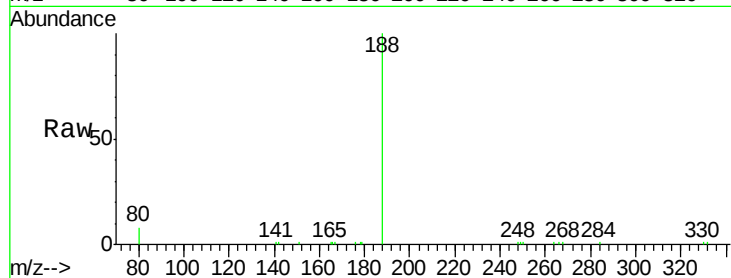
Tgt Ion:188 Resp: 13844

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.407 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

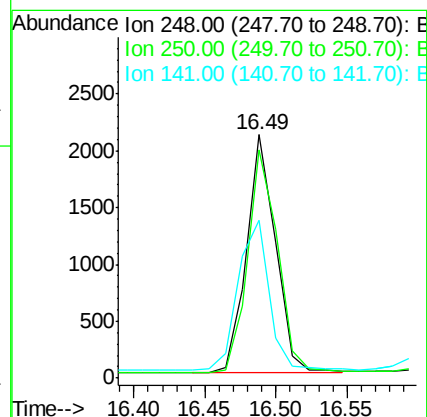
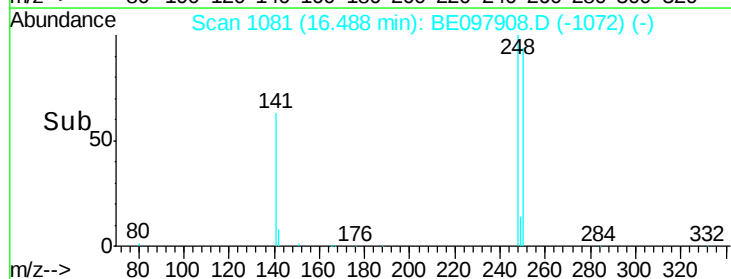
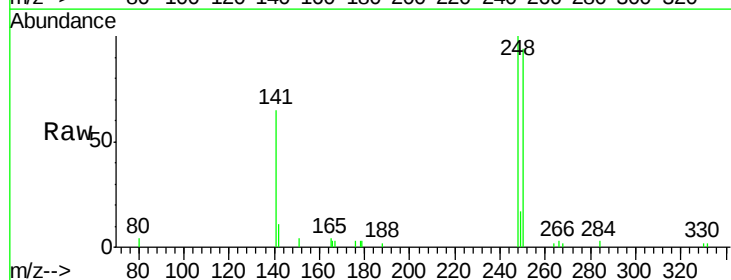
Tgt Ion:248 Resp: 2955

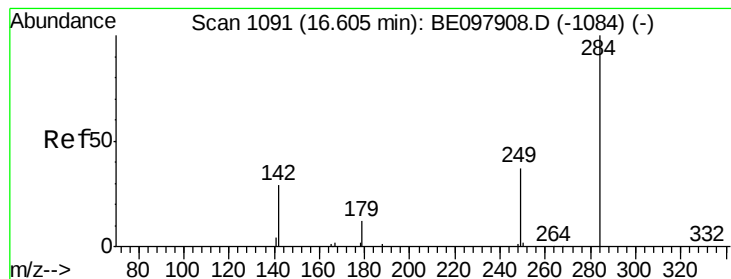
Ion Ratio Lower Upper

248 100

250 93.9 75.1 112.7

141 64.8 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.356 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

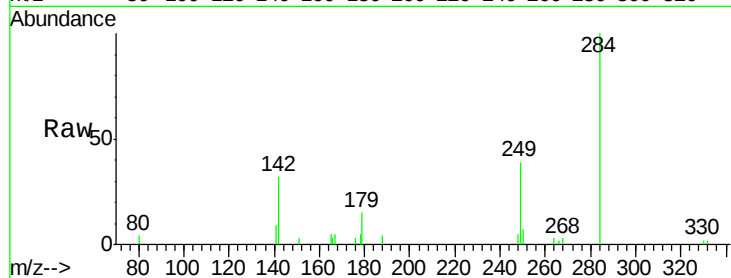
Tgt Ion:284 Resp: 2912

Ion Ratio Lower Upper

284 100

142 32.4 25.9 38.9

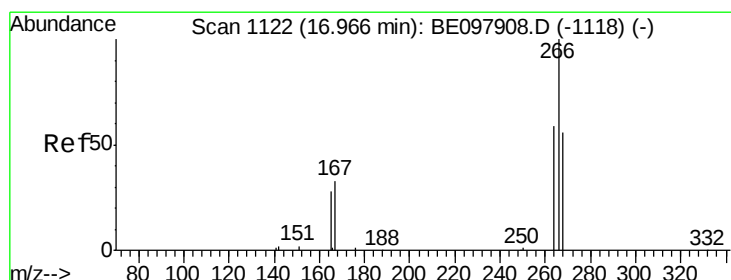
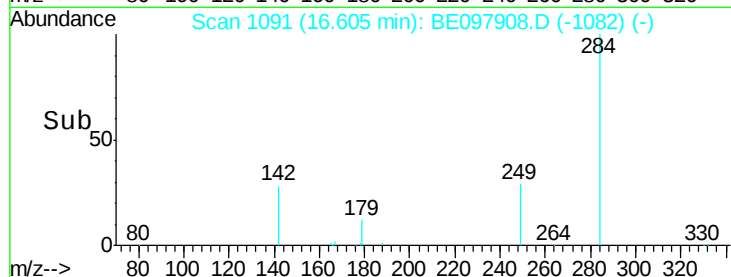
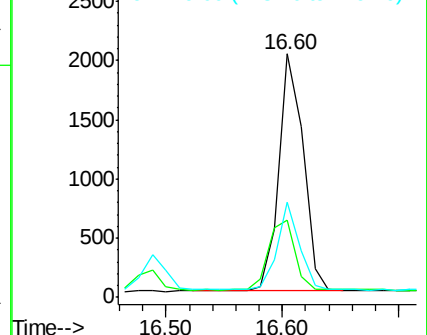
249 33.3 26.6 40.0



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: 0.507 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

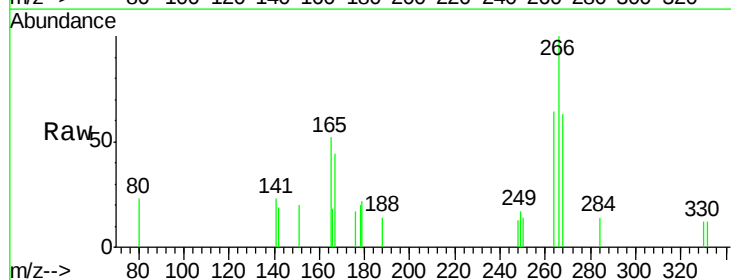
Tgt Ion:266 Resp: 650

Ion Ratio Lower Upper

266 100

264 64.1 51.3 76.9

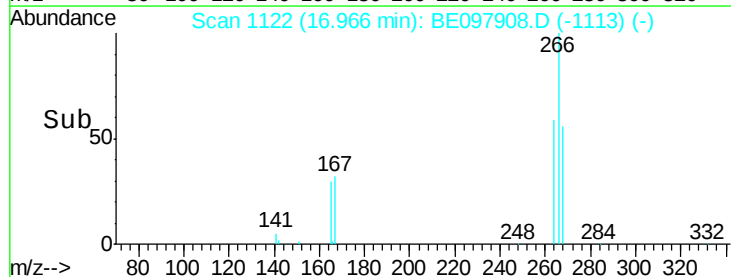
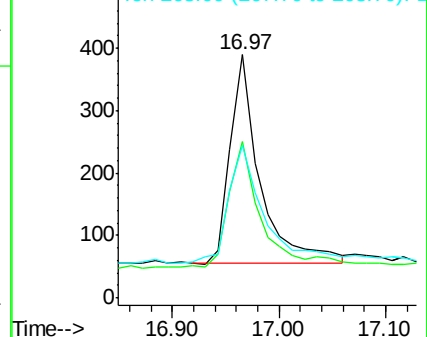
268 62.6 50.1 75.1

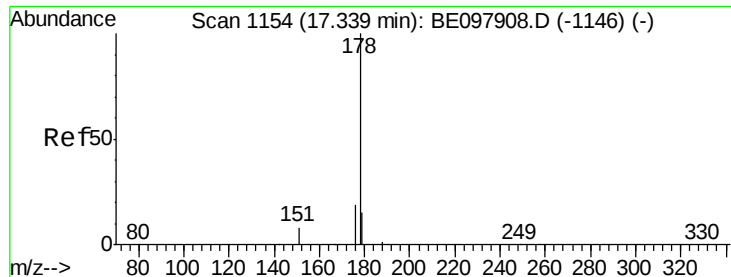


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

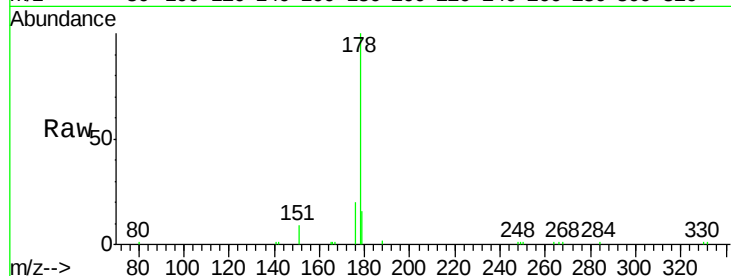
Tgt Ion:178 Resp: 13616

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

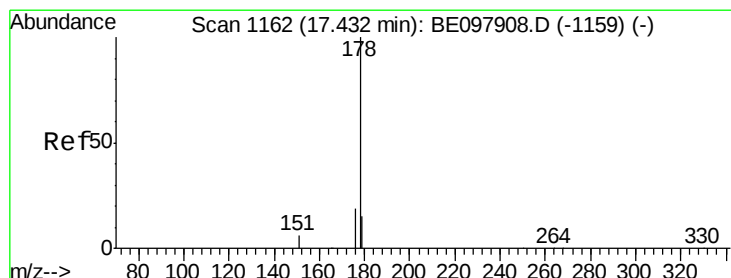
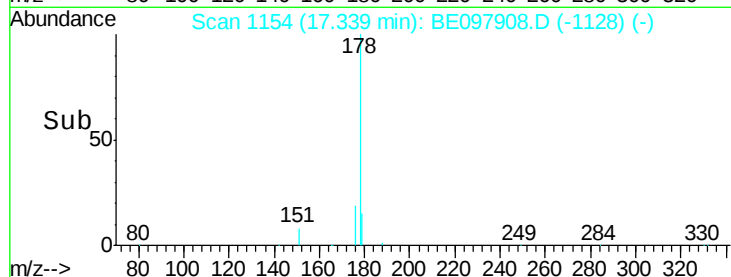
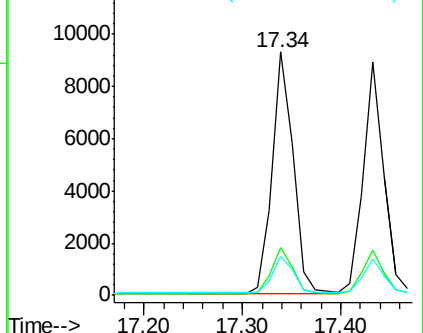
179 15.3 12.2 18.4



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: 0.413 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

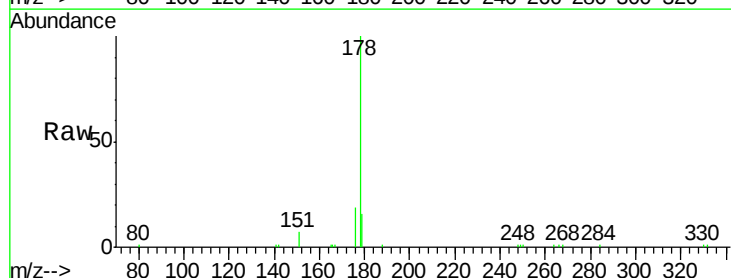
Tgt Ion:178 Resp: 12725

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

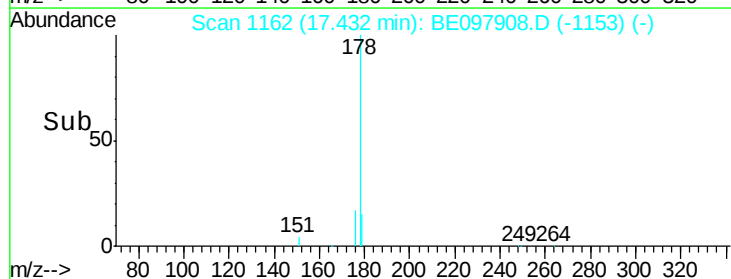
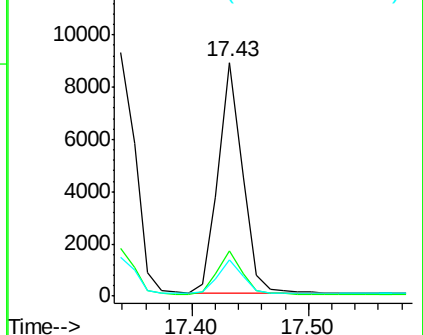
179 14.9 11.9 17.9

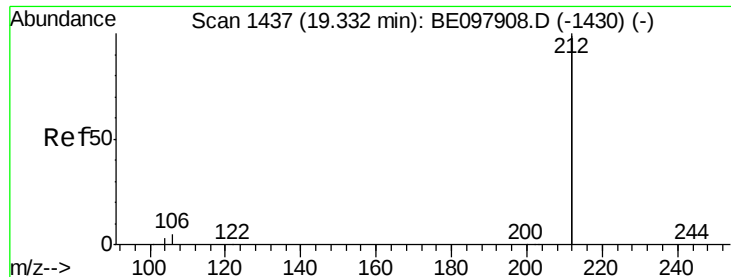


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

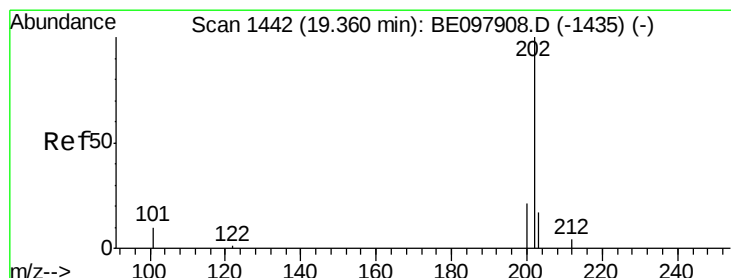
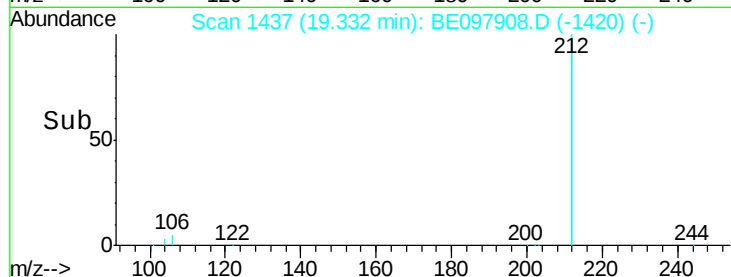
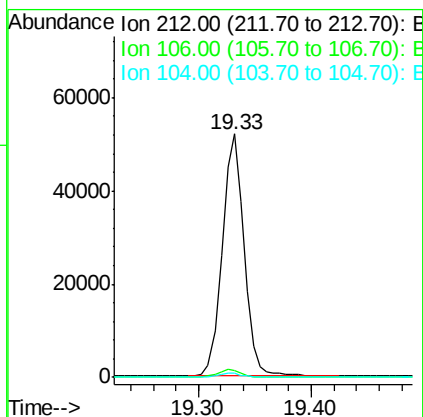
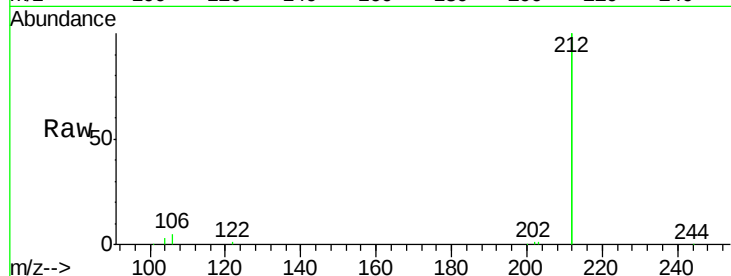




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

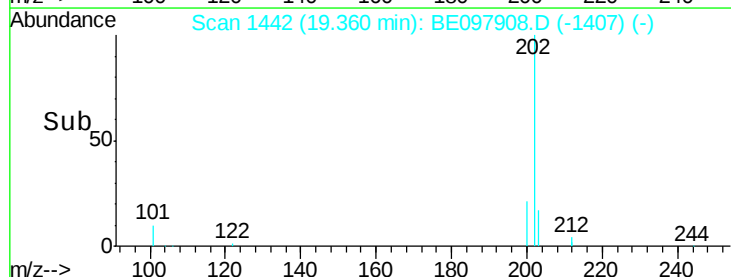
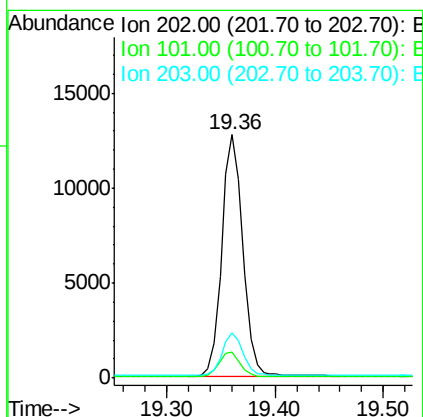
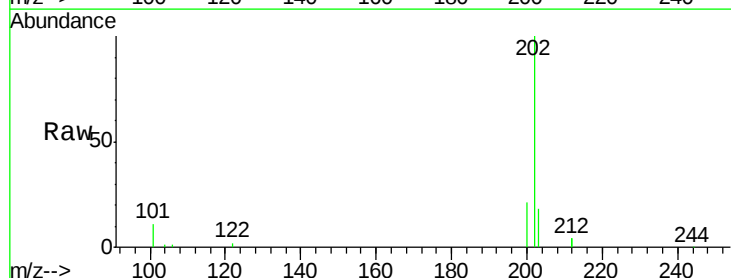
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

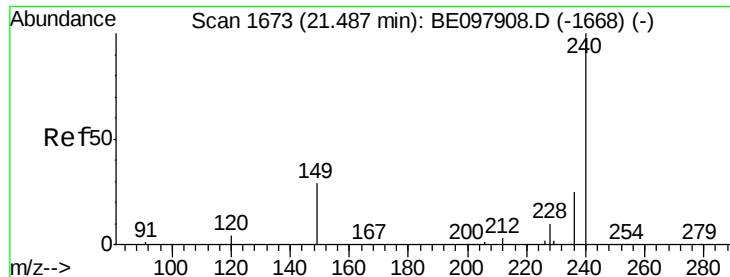
Tgt Ion: 212 Resp: 69952
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.379 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Tgt Ion: 202 Resp: 17223
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.2
 203 18.7 15.0 22.4

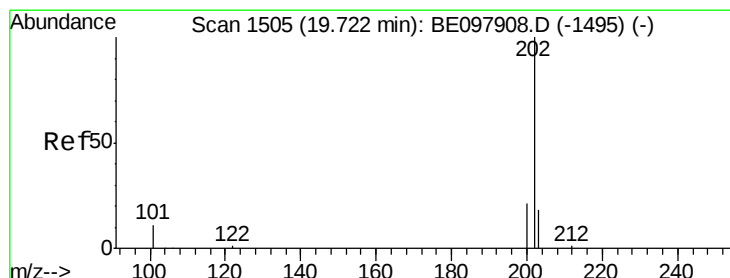
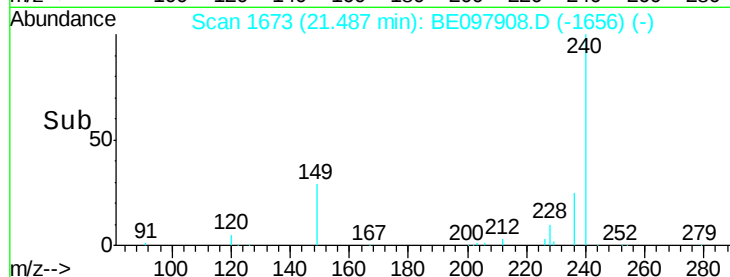
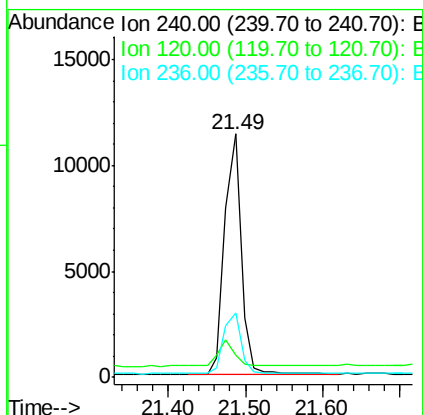
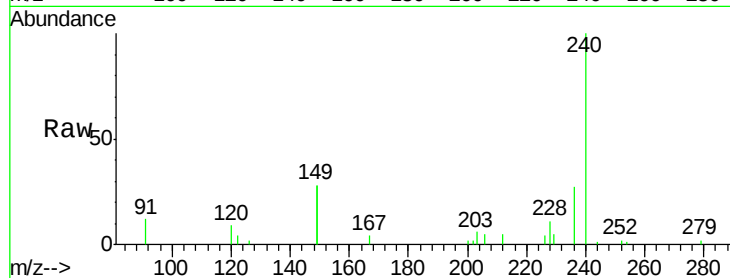




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

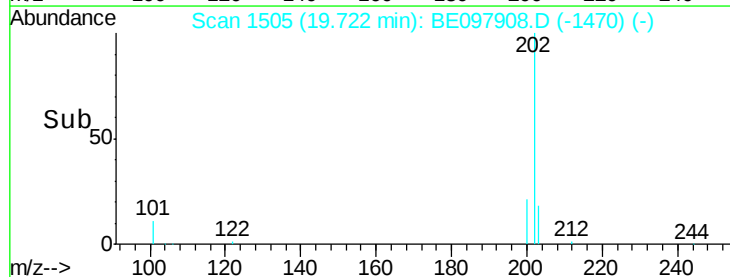
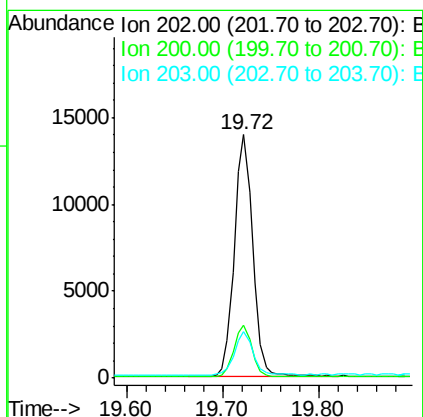
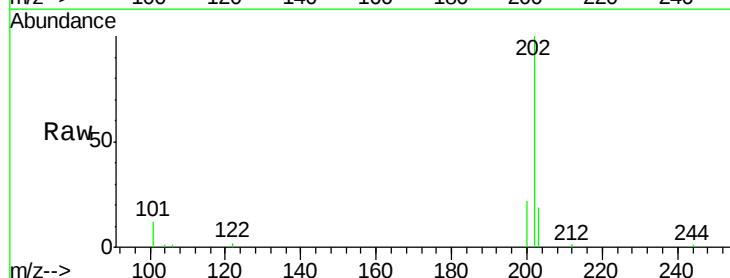
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

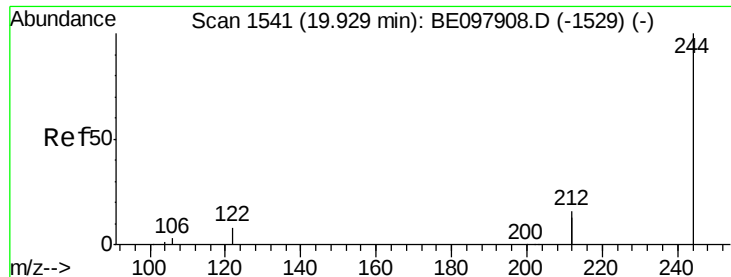
Tgt Ion: 240 Resp: 17082
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.1 10.7
 236 26.6 21.3 31.9



#28
 Pyrene
 Concen: 0.426 ng
 RT: 19.72 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Tgt Ion: 202 Resp: 18513
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 17.8 14.2 21.4

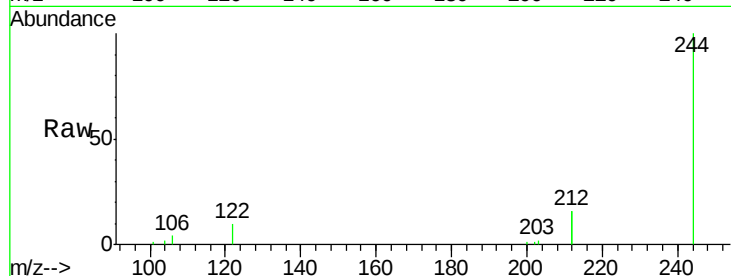




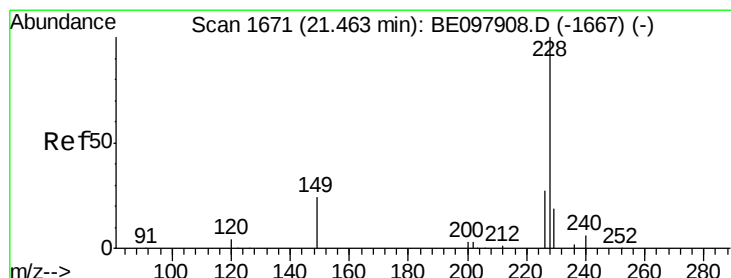
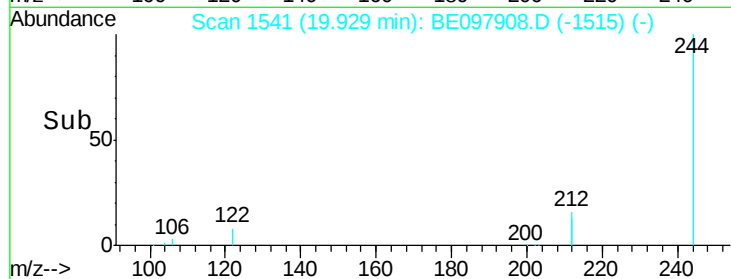
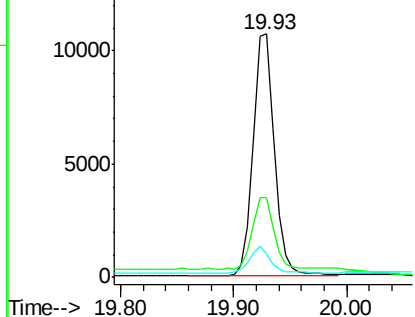
#29
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:244 Resp: 14201
 Ion Ratio Lower Upper
 244 100
 212 32.7 26.2 39.2
 122 9.6 7.7 11.5

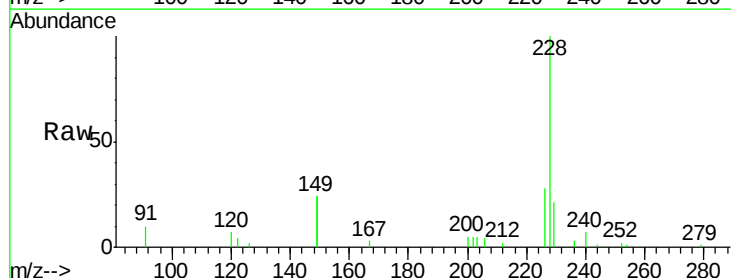


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

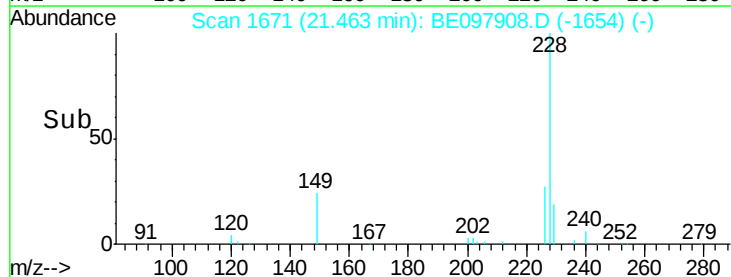
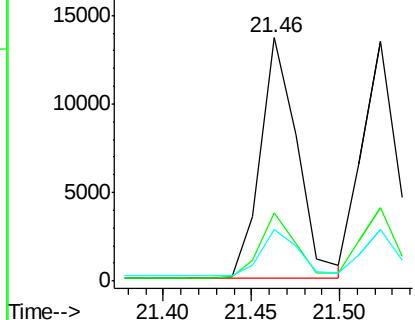


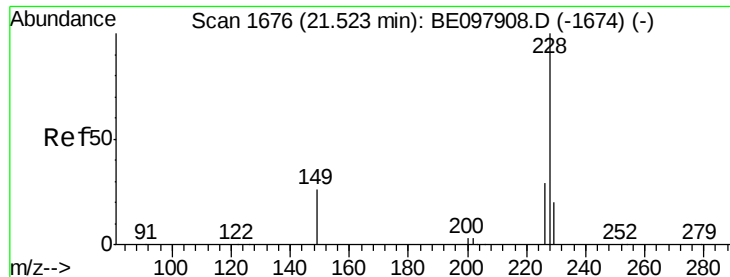
#30
 Benzo(a)anthracene
 Concen: 0.429 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE097908.D
 Acq: 16 Oct 2018 13:13

Tgt Ion:228 Resp: 19710
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 21.1 16.9 25.3



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: 0.353 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

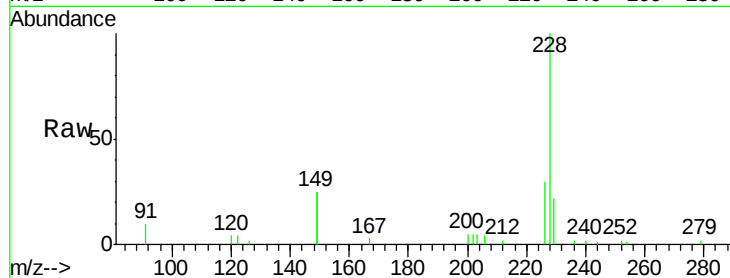
Tgt Ion:228 Resp: 18139

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

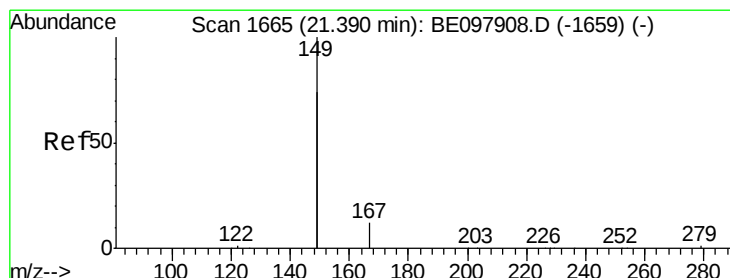
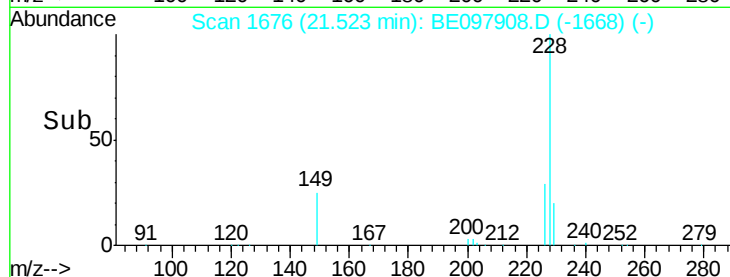
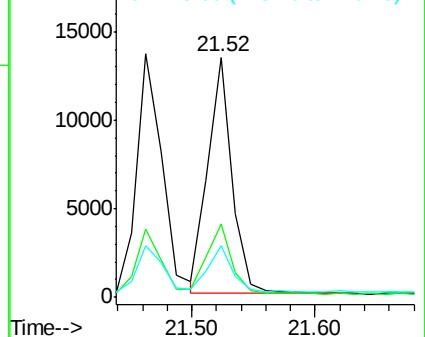
229 21.6 17.3 25.9



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: 1.421 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

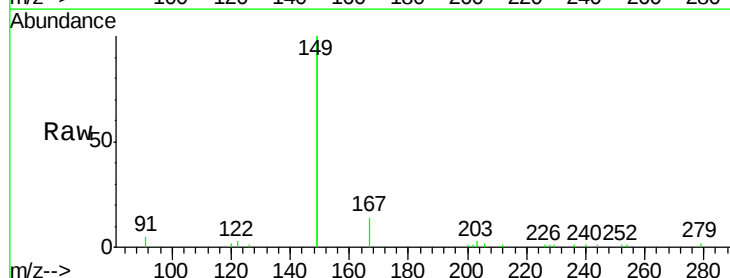
Tgt Ion:149 Resp: 47727

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

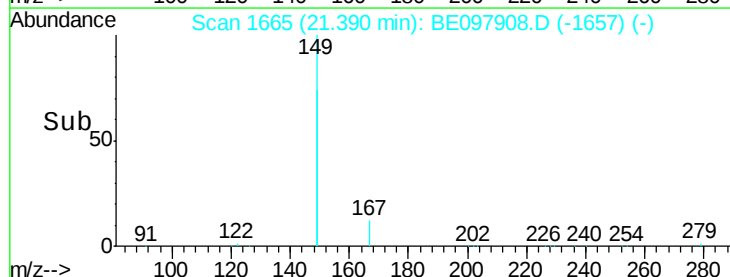
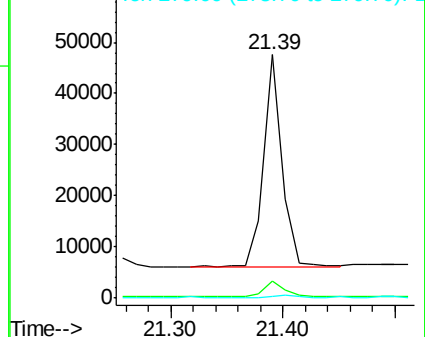
279 1.1 0.9 1.3

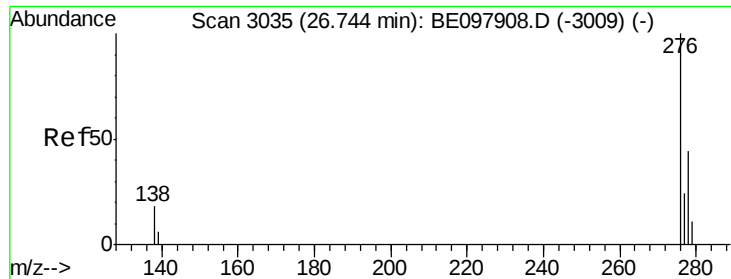


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.474 ng

RT: 26.74 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

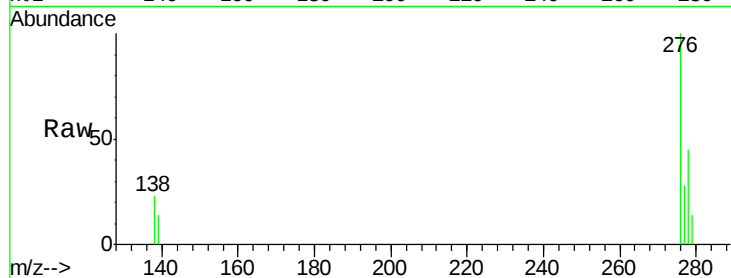
Tgt Ion:276 Resp: 21152

Ion Ratio Lower Upper

276 100

138 21.3 17.0 25.6

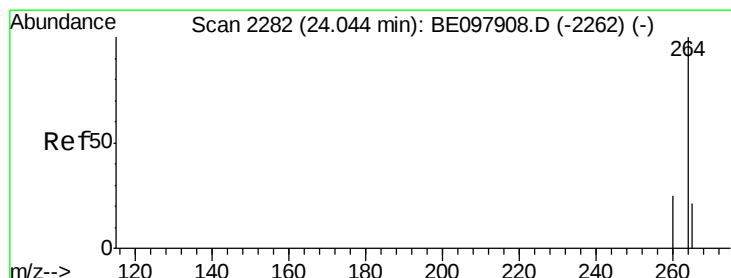
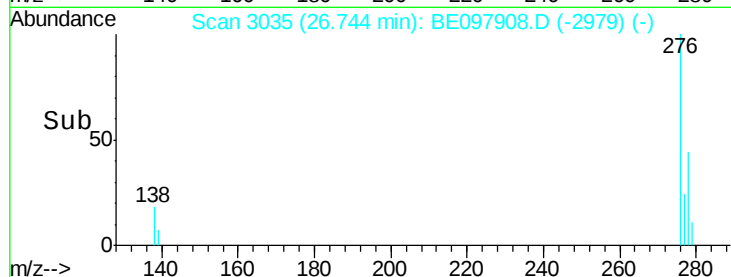
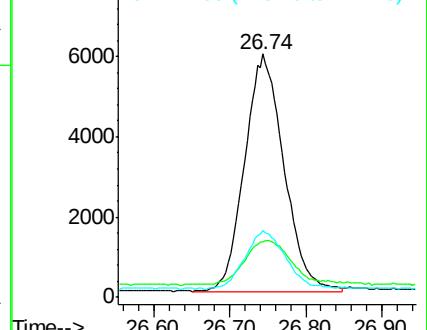
277 25.6 20.5 30.7



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# 2282

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

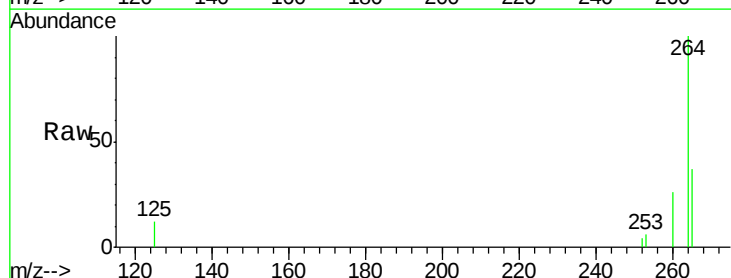
Tgt Ion:264 Resp: 17069

Ion Ratio Lower Upper

264 100

260 26.4 21.1 31.7

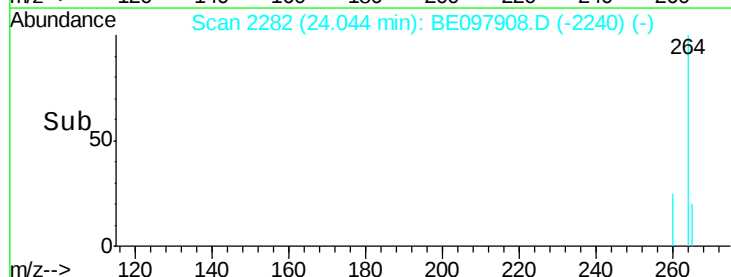
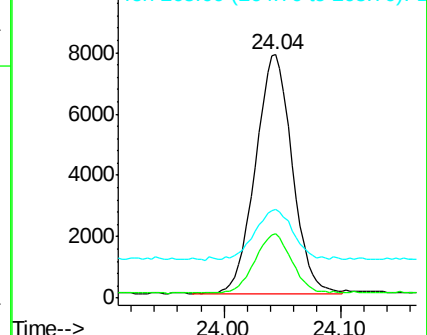
265 36.5 29.2 43.8

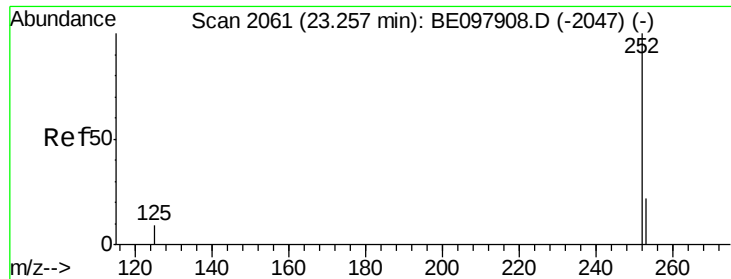


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 23.26 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

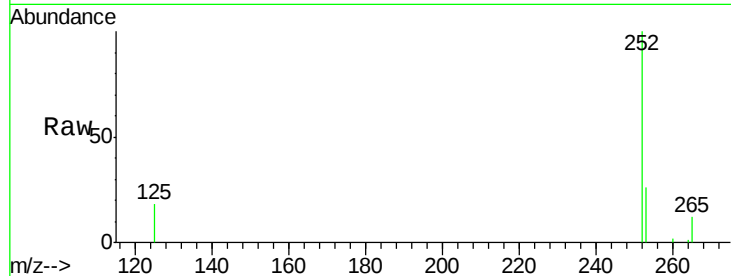
Tgt Ion:252 Resp: 18305

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

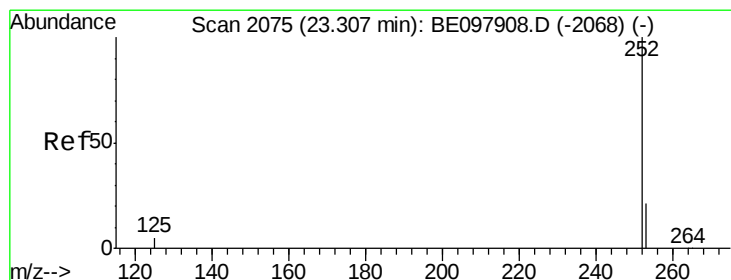
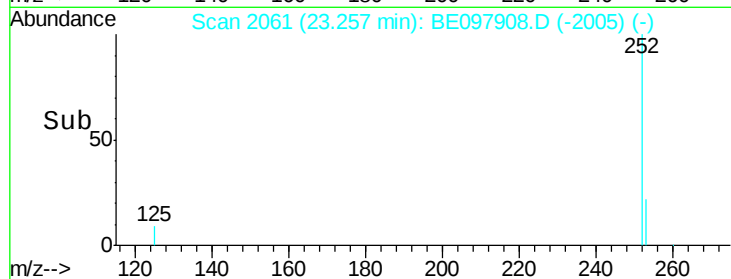
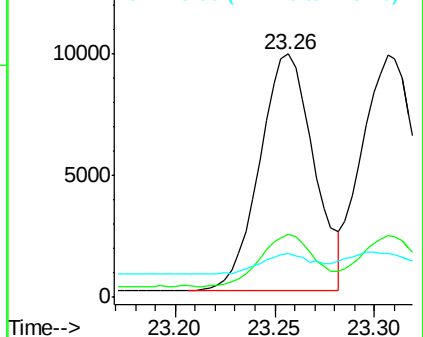
125 17.9 14.3 21.5



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



#36

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 23.31 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

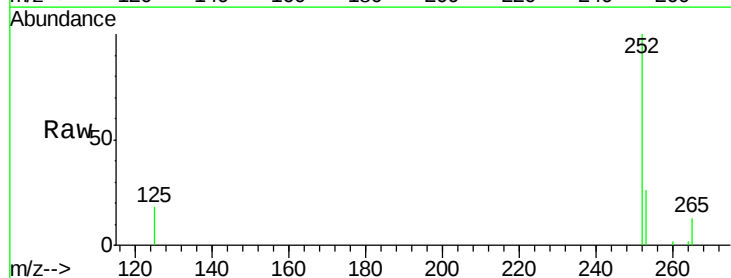
Tgt Ion:252 Resp: 18538

Ion Ratio Lower Upper

252 100

253 25.5 20.4 30.6

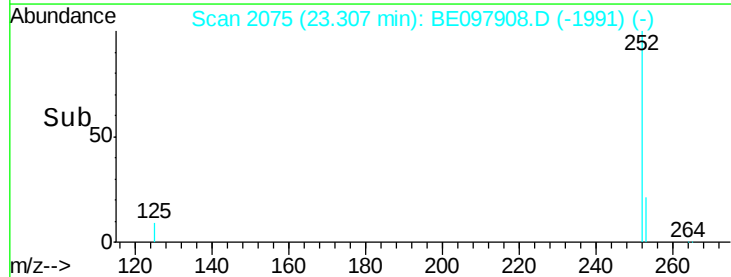
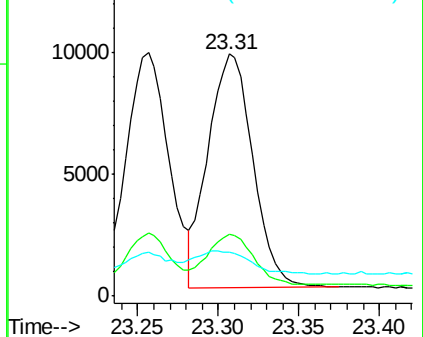
125 18.2 14.6 21.8

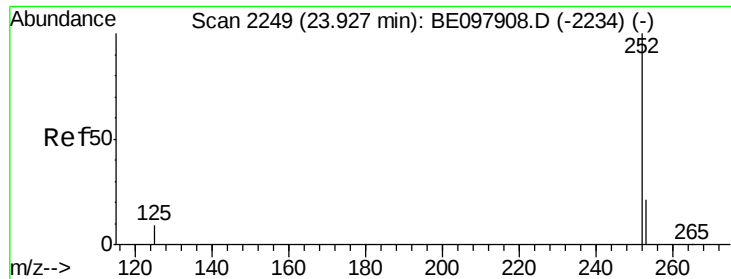


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

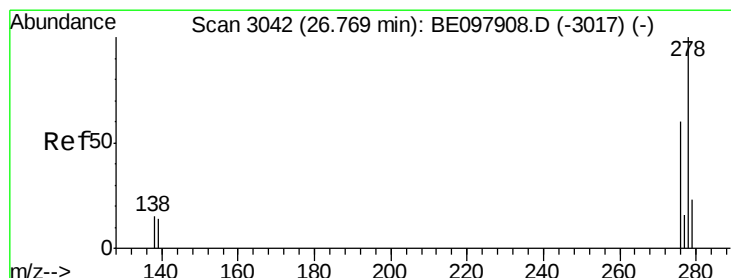
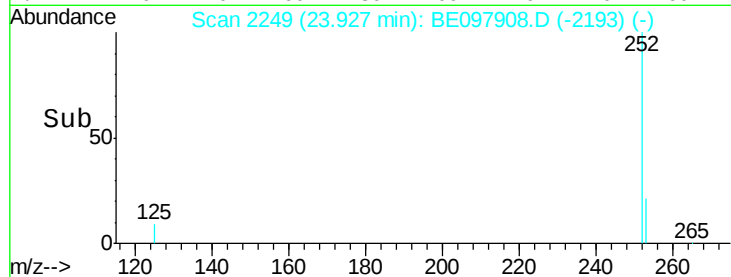
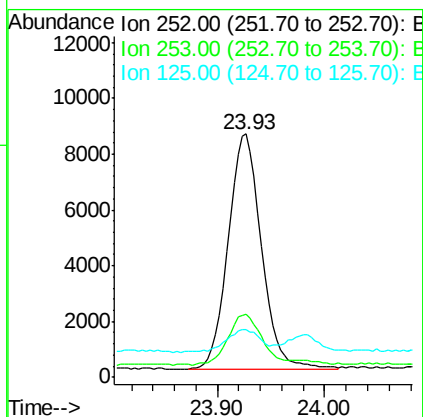
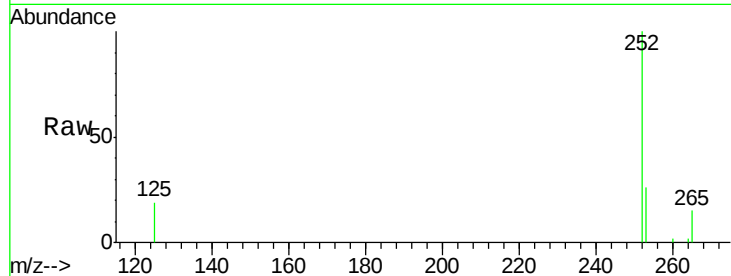
Tgt Ion:252 Resp: 18073

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

125 19.5 15.6 23.4



#38

Dibenzo(a,h)anthracene

Concen: 0.421 ng

RT: 26.77 min Scan# 3042

Delta R.T. 0.00 min

Lab File: BE097908.D

Acq: 16 Oct 2018 13:13

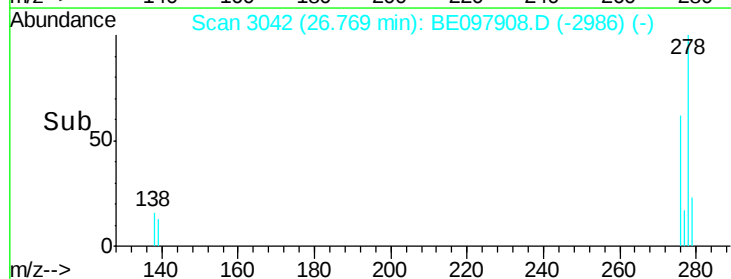
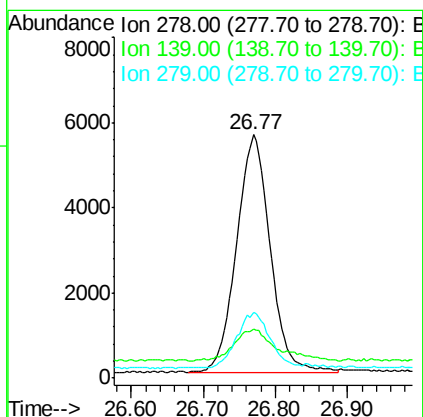
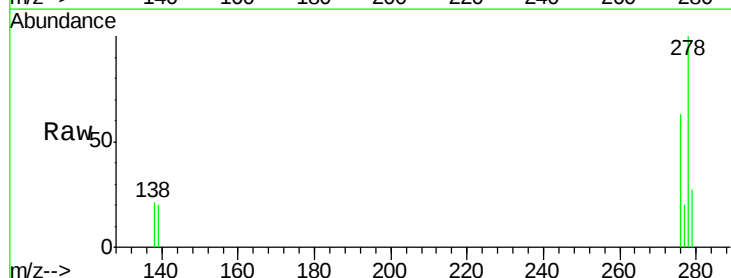
Tgt Ion:278 Resp: 17589

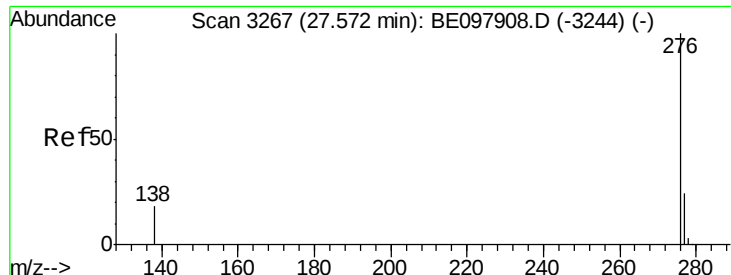
Ion Ratio Lower Upper

278 100

139 20.4 16.3 24.5

279 26.8 21.4 32.2





#39

Benzo(g,h,i)perylene

Concen: 0.402 ng

RT: 27.57 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BE097908.D

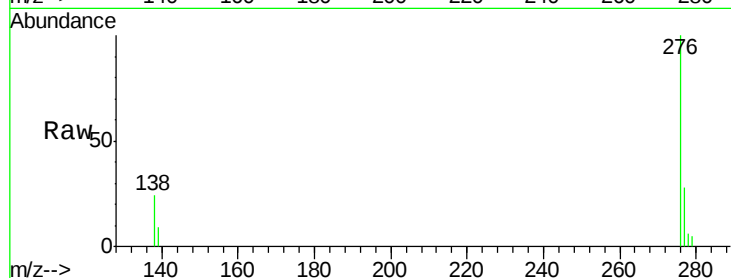
Acq: 16 Oct 2018 13:13

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 17558

Ion Ratio Lower Upper

276 100

277 27.6 22.1 33.1

138 24.1 19.3 28.9

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

