

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
 Data File : BE097708.D
 Acq On : 3 Oct 2018 9:43
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 03 11:31:34 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 11:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5205	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	21390	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11931	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	33272	0.40	ng	0.00
27) Chrysene-d12	21.49	240	45213	0.40	ng	0.00
34) Perylene-d12	24.04	264	40683	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	4680	0.36	ng	0.00
5) Phenol-d6	7.05	99	7361	0.42	ng	0.00
8) Nitrobenzene-d5	9.04	82	2597	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13314	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	697	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	19801	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	156426	0.39	ng	0.00
29) Terphenyl-d14	19.94	244	32965	0.34	ng	0.00

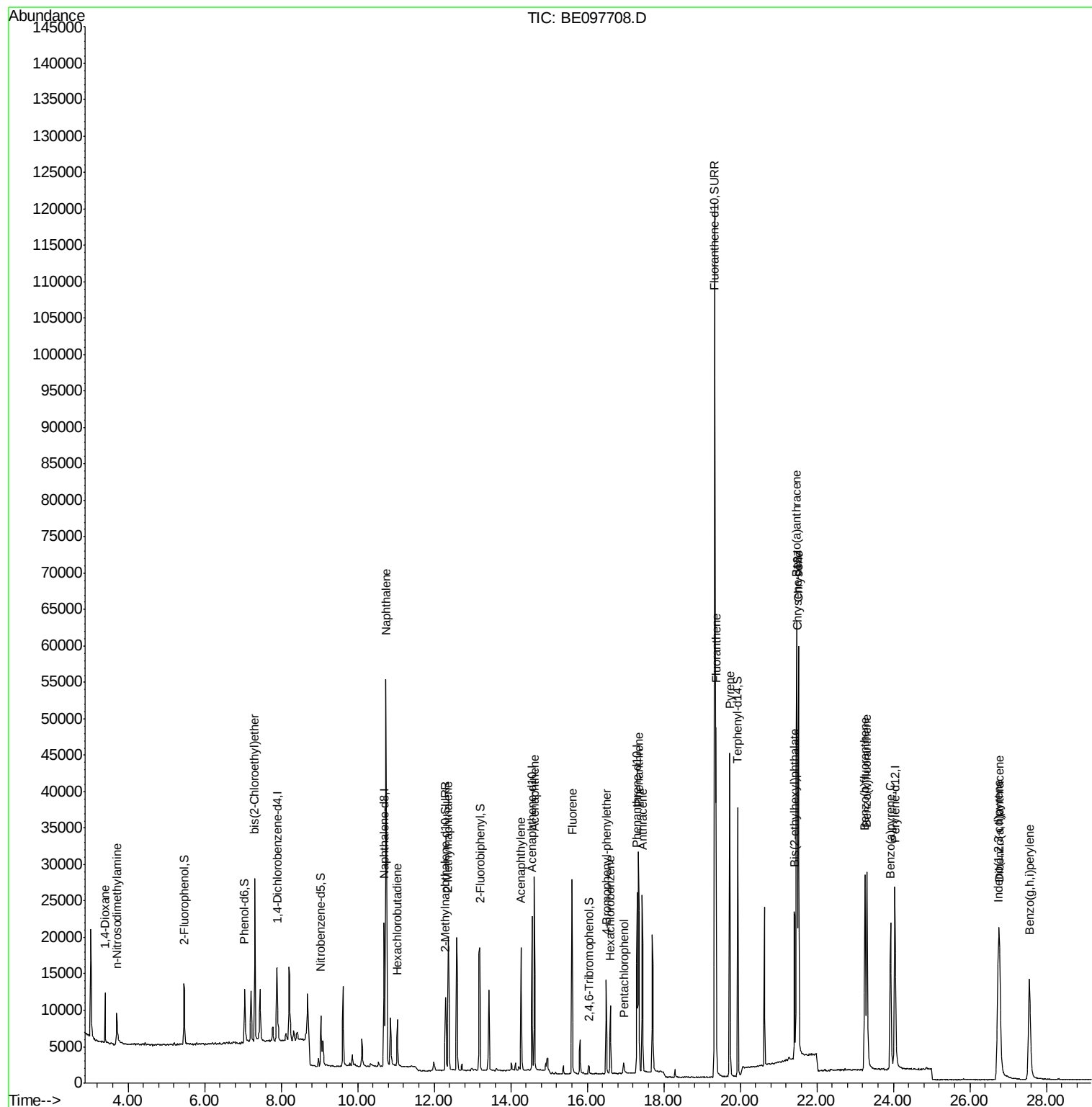
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	3859	0.356	ng	100
3) n-Nitrosodimethylamine	3.71	42	3566	0.547	ng	99
6) bis(2-Chloroethyl)ether	7.31	93	7528	0.433	ng	100
9) Naphthalene	10.74	128	84413	0.400	ng	100
10) Hexachlorobutadiene	11.04	225	4418	0.447	ng	100
12) 2-Methylnaphthalene	12.37	142	13258	0.411	ng	100
16) Acenaphthylene	14.27	152	20114	0.395	ng	100
17) Acenaphthene	14.62	154	12832	0.375	ng	100
18) Fluorene	15.60	166	17118	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.50	248	6506	0.384	ng	100
21) Hexachlorobenzene	16.60	284	7463	0.391	ng	100
22) Pentachlorophenol	16.95	266	1088	0.248	ng	100
23) Phenanthrene	17.34	178	32647	0.379	ng	100
24) Anthracene	17.43	178	27053	0.382	ng	100
26) Fluoranthene	19.36	202	40794	0.382	ng	100
28) Pyrene	19.72	202	41429	0.352	ng	100
30) Benzo(a)anthracene	21.48	228	43552	0.389	ng	100
31) Chrysene	21.52	228	50156	0.359	ng	100
32) Bis(2-ethylhexyl)phthalate	21.41	149	30709	0.223	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	43319	0.293	ng	100
35) Benzo(b)fluoranthene	23.26	252	39785	0.338	ng	100
36) Benzo(k)fluoranthene	23.31	252	44357	0.327	ng	100
37) Benzo(a)pyrene	23.93	252	36173	0.321	ng	100
38) Dibenzo(a,h)anthracene	26.77	278	35733	0.292	ng	100
39) Benzo(g,h,i)perylene	27.56	276	38235	0.308	ng	100

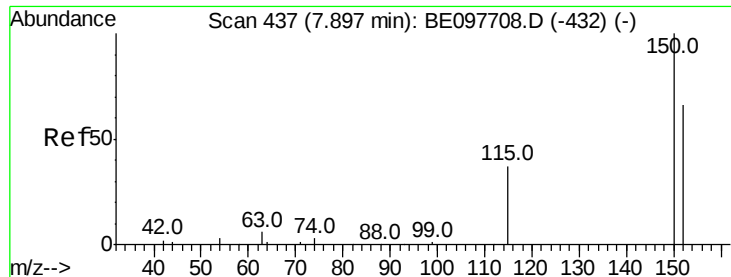
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 11:25:02 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

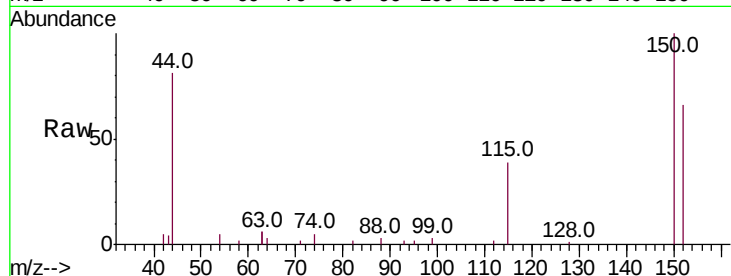
Tot Ion:152 Resp: 5205

Ion Ratio Lower Upper

152 100

150 151.1 120.9 181.3

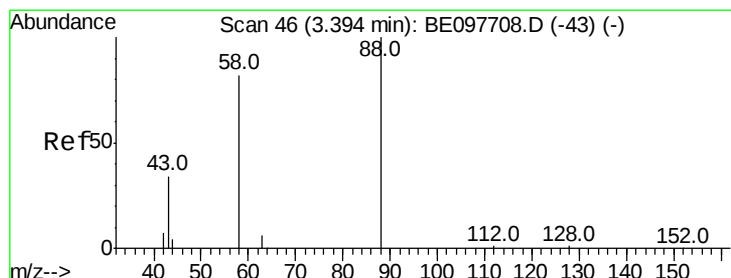
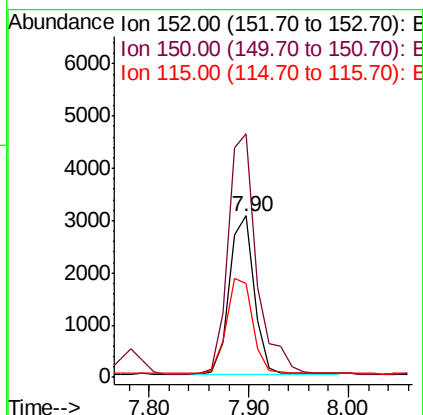
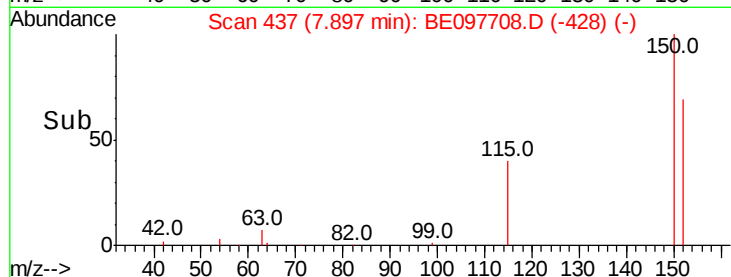
115 58.2 46.6 69.8



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: 0.356 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

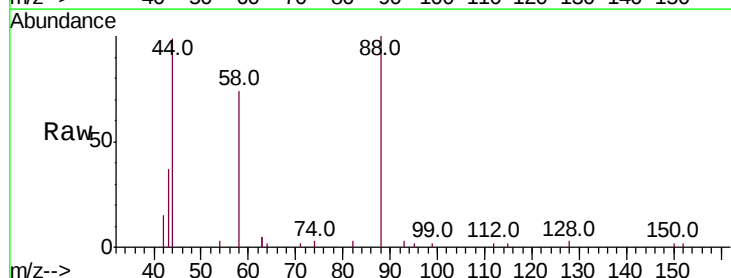
Tgt Ion: 88 Resp: 3859

Ion Ratio Lower Upper

88 100

58 88.5 70.8 106.2

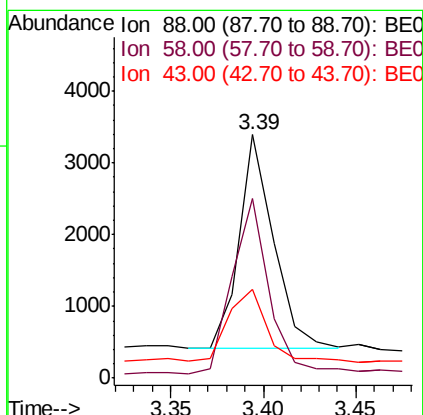
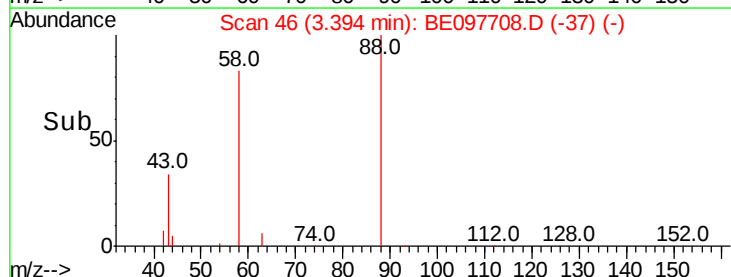
43 41.6 33.3 49.9

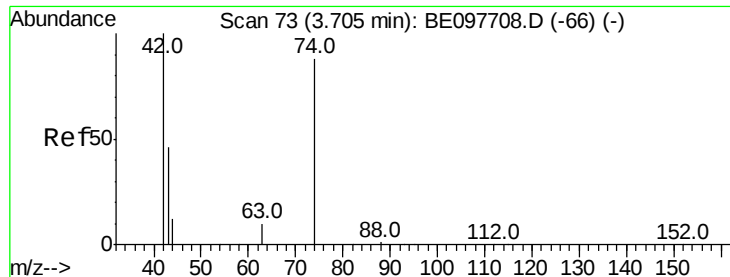


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.547 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

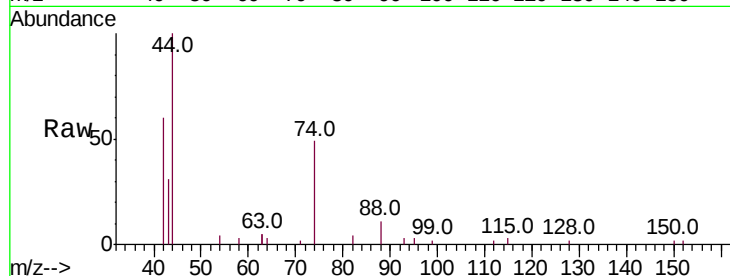
Tot Ion: 42 Resp: 3566

Ion Ratio Lower Upper

42 100

74 89.8 70.7 106.1

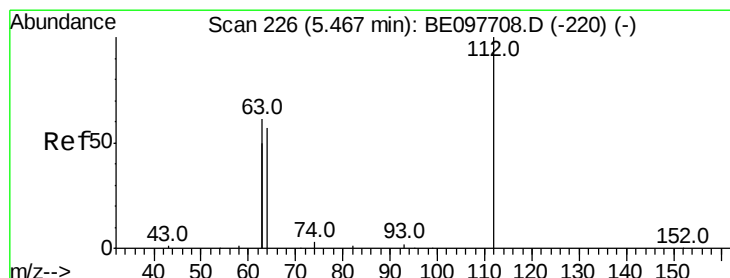
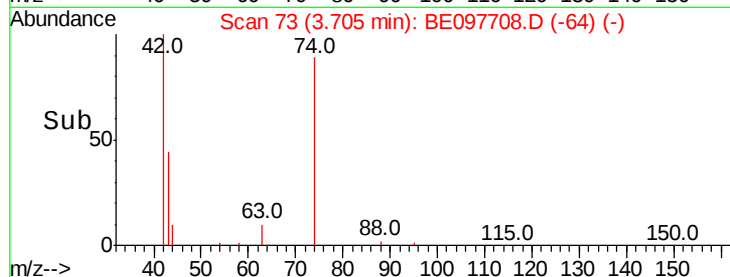
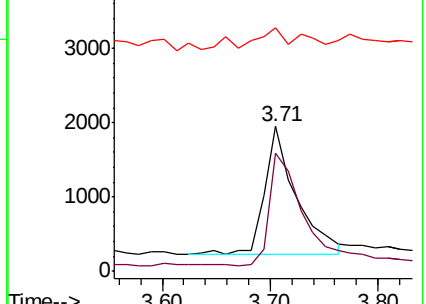
44 18.2 15.0 22.4



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: 0.364 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

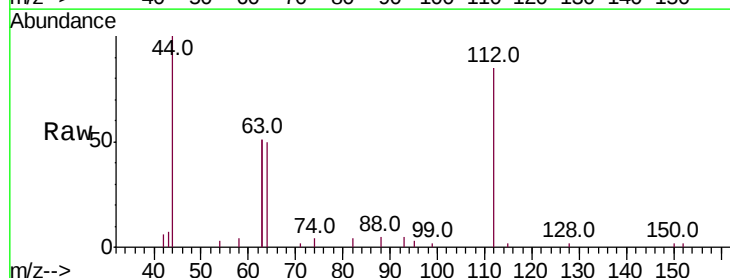
Tgt Ion: 112 Resp: 4680

Ion Ratio Lower Upper

112 100

64 71.9 56.6 84.8

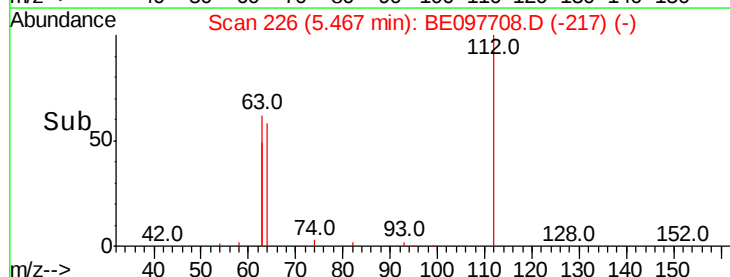
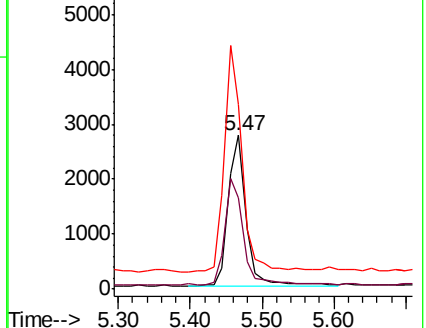
63 150.1 119.4 179.0

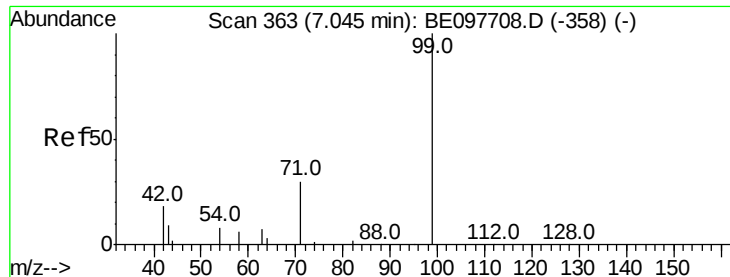


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.415 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

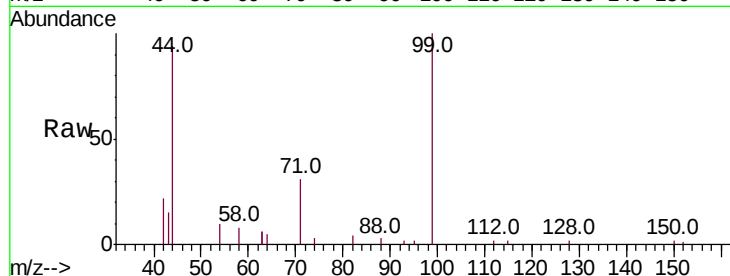
Tot Ion: 99 Resp: 7361

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

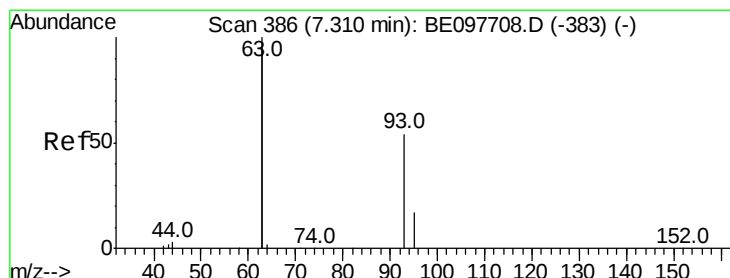
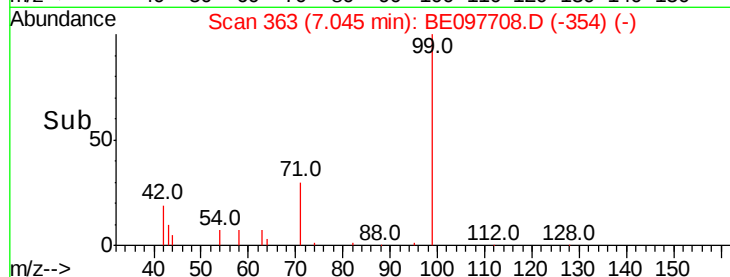
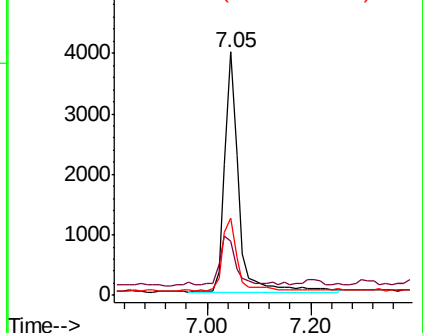
71 31.4 25.4 38.2



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: 0.433 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

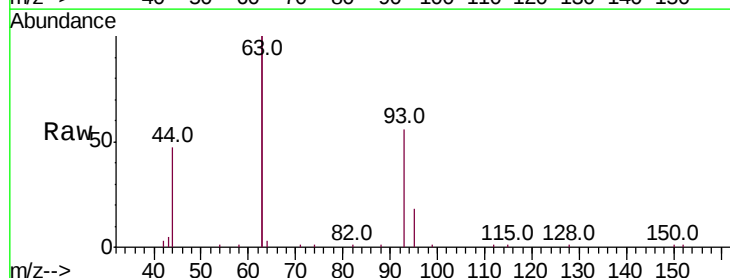
Tgt Ion: 93 Resp: 7528

Ion Ratio Lower Upper

93 100

63 333.6 266.9 400.3

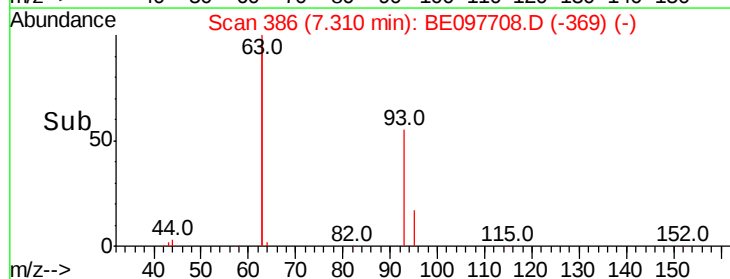
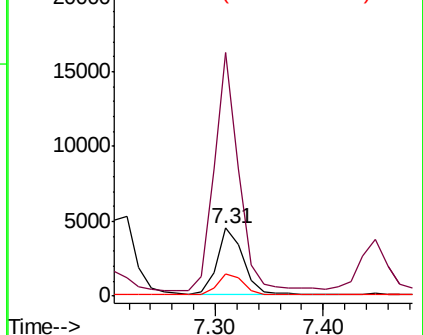
95 32.7 26.2 39.2

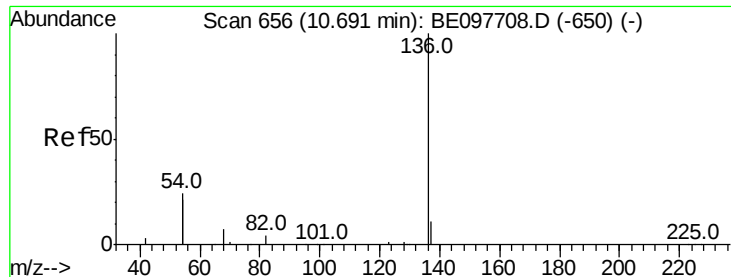


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 21390

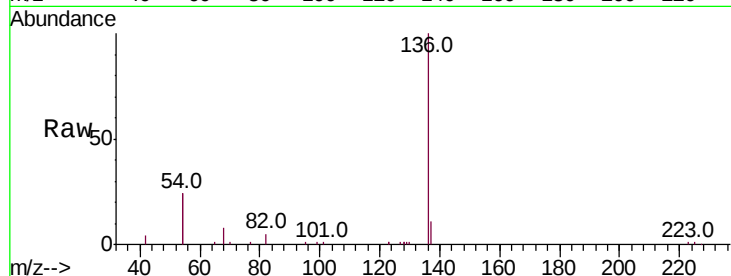
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 47.2 37.8 56.6

68 8.0 6.4 9.6

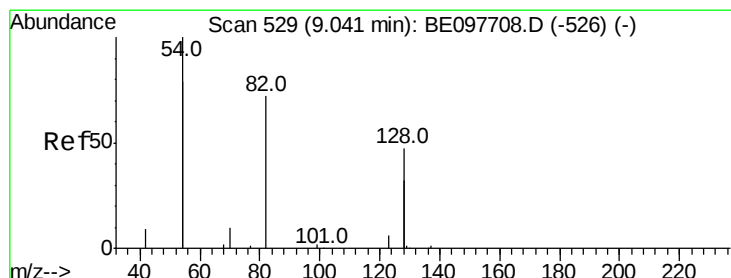
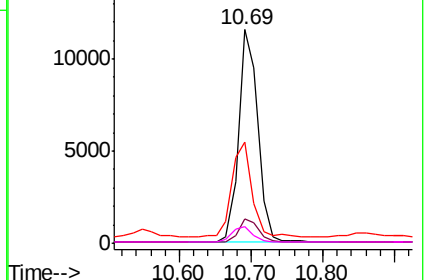
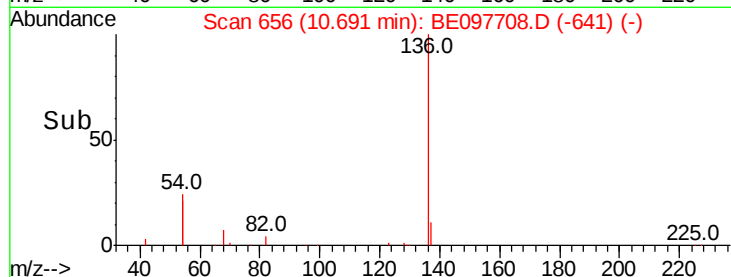


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.171 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

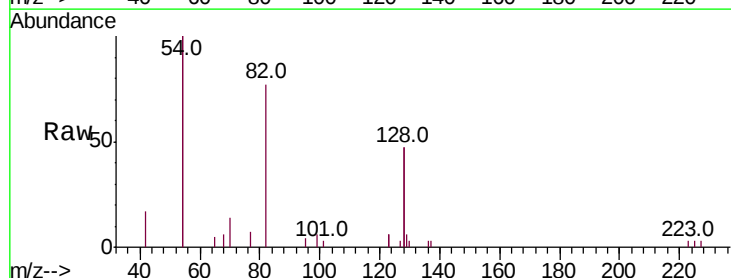
Tgt Ion: 82 Resp: 2597

Ion Ratio Lower Upper

82 100

128 121.2 97.0 145.4

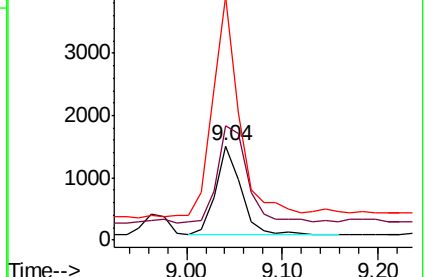
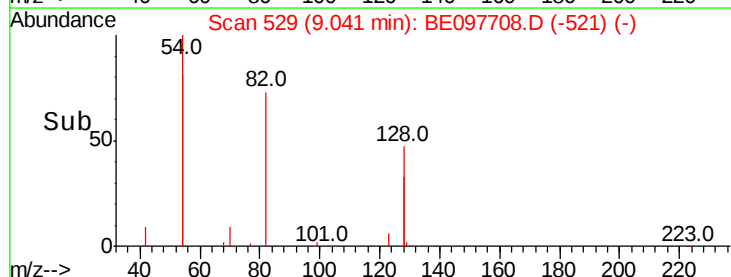
54 258.6 206.9 310.3

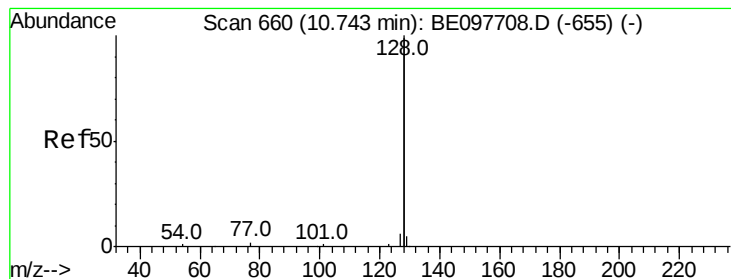


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

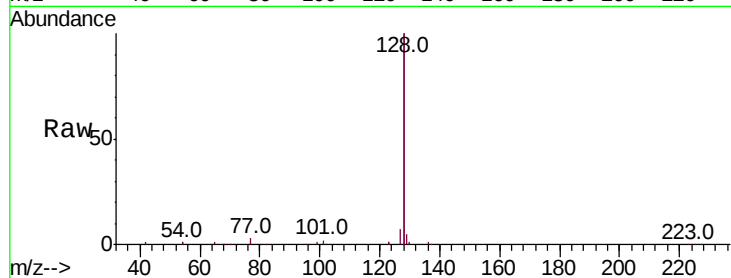
Tot Ion:128 Resp: 84413

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.2

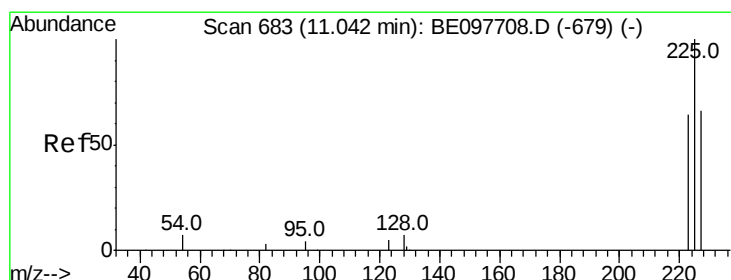
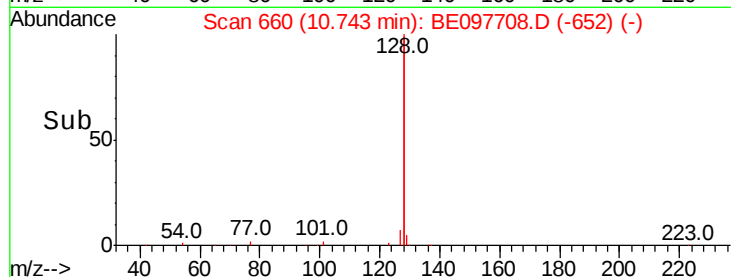
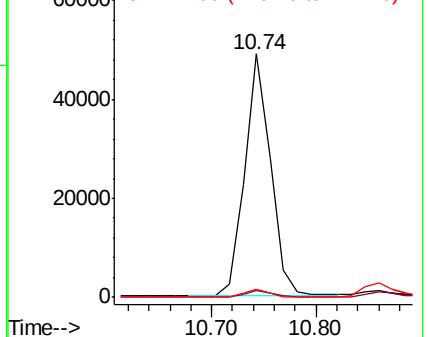
127 3.4 2.7 4.1



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: 0.447 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

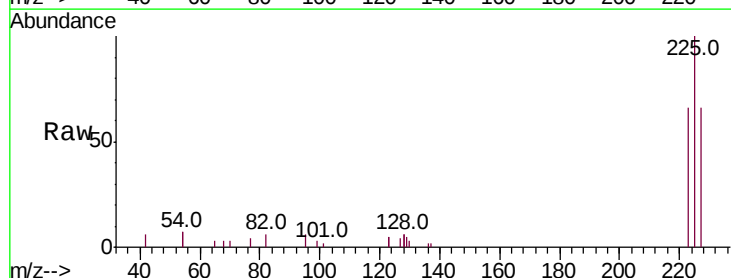
Tgt Ion:225 Resp: 4418

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

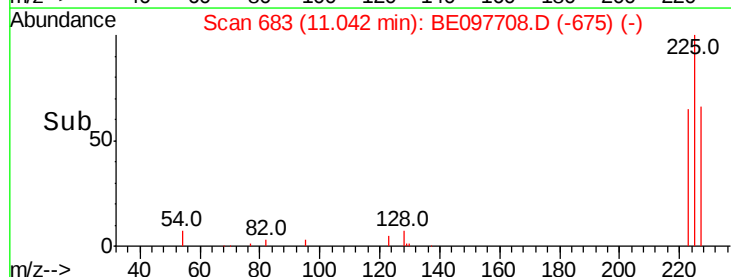
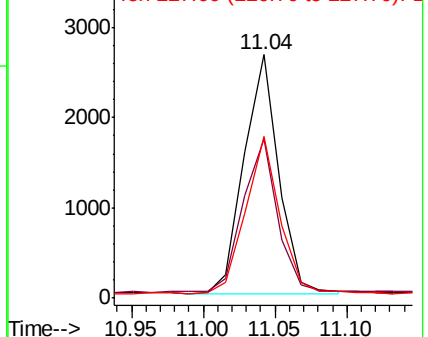
227 63.8 51.2 76.8

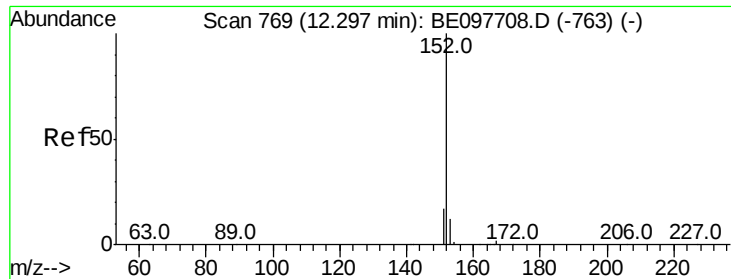


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

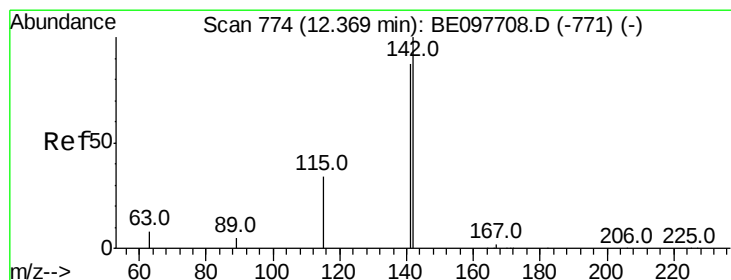
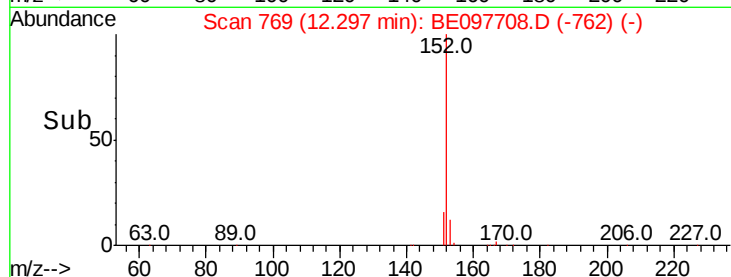
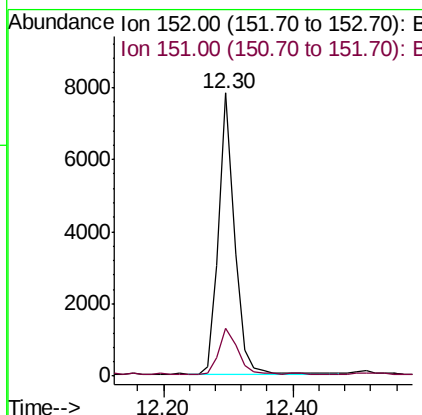
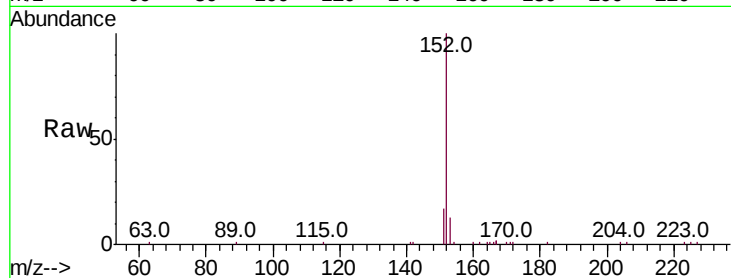




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE097708.D
 Acq: 3 Oct 2018 9:43

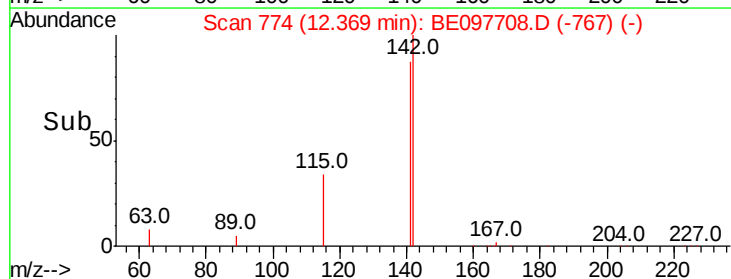
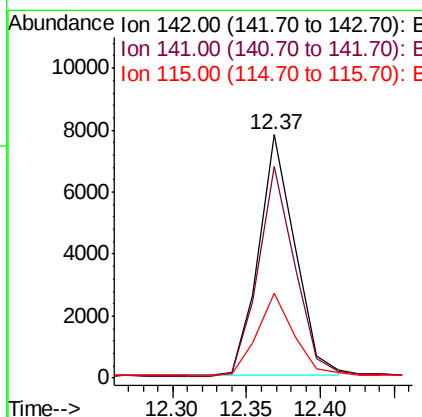
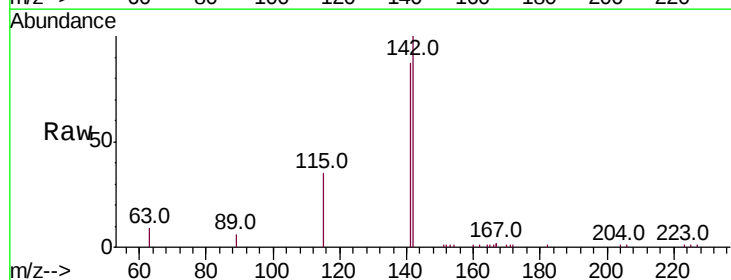
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

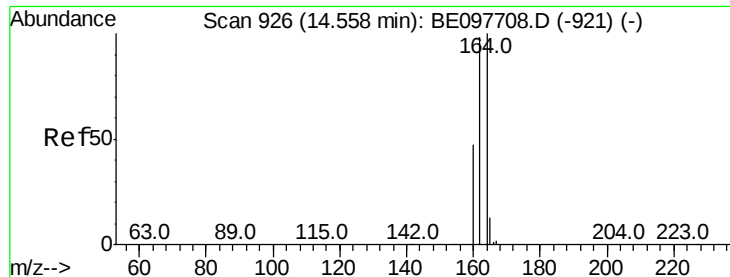
Tot Ion:152 Resp: 13314
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.411 ng
 RT: 12.37 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BE097708.D
 Acq: 3 Oct 2018 9:43

Tgt Ion:142 Resp: 13258
 Ion Ratio Lower Upper
 142 100
 141 86.8 69.4 104.2
 115 35.0 28.0 42.0

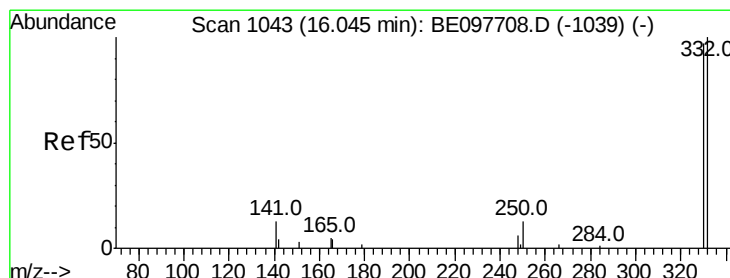
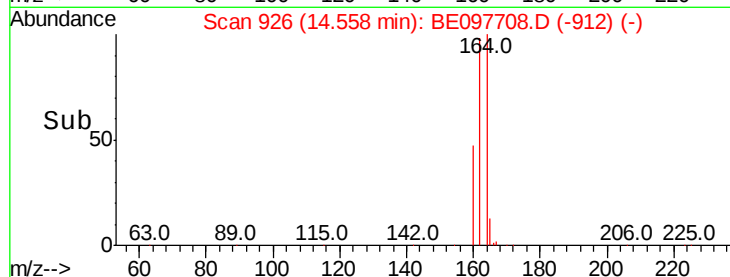
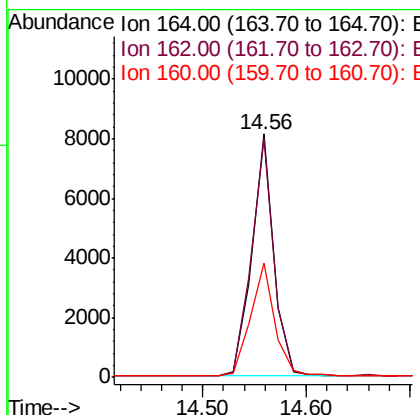
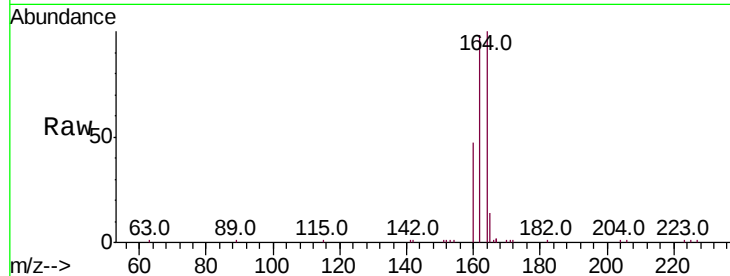




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BE097708.D
 Acq: 3 Oct 2018 9:43

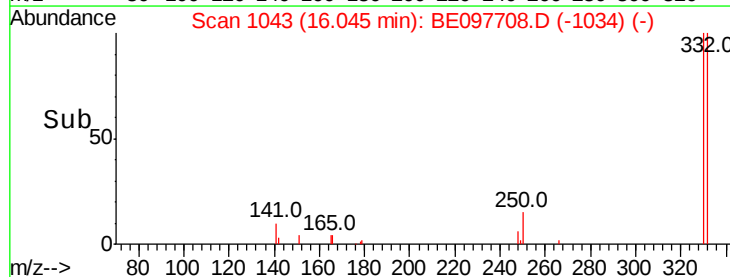
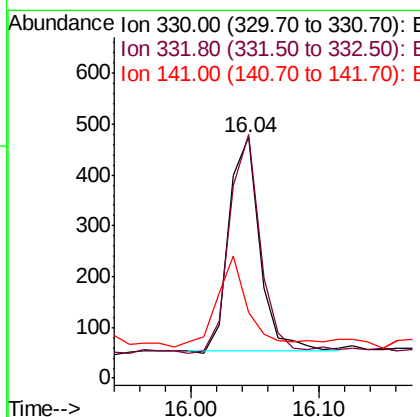
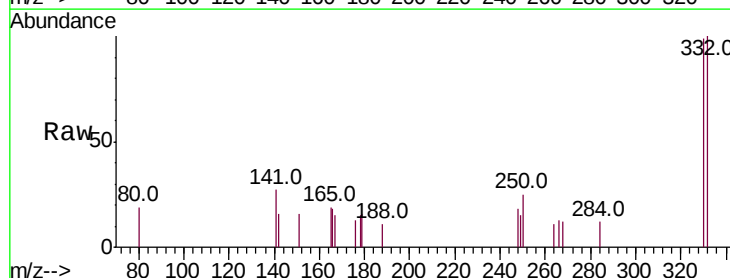
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

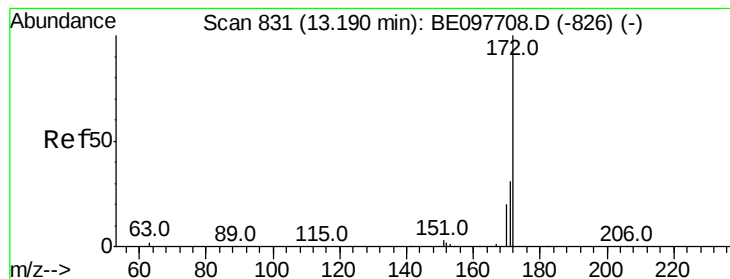
Tot Ion:164 Resp: 11931
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.6 117.8
 160 47.2 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.150 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097708.D
 Acq: 3 Oct 2018 9:43

Tgt Ion:330 Resp: 697
 Ion Ratio Lower Upper
 330 100
 332 104.4 83.5 125.3
 141 43.6 34.9 52.3





#15

2-Fluorobiphenyl

Concen: 0.395 ng

RT: 13.19 min Scan# 831

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

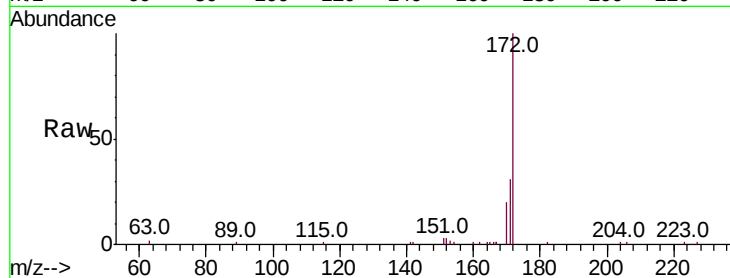
Tot Ion:172 Resp: 19801

Ion Ratio Lower Upper

172 100

171 31.5 25.2 37.8

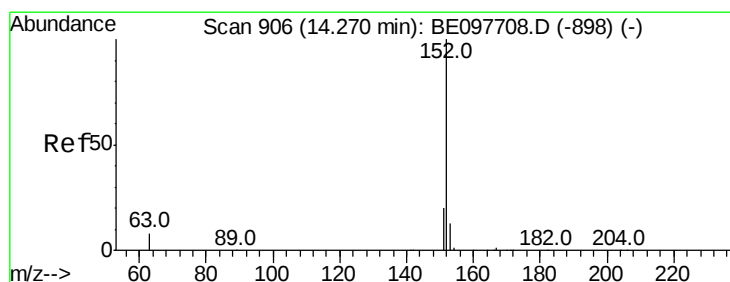
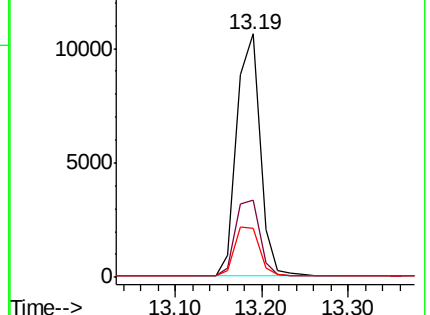
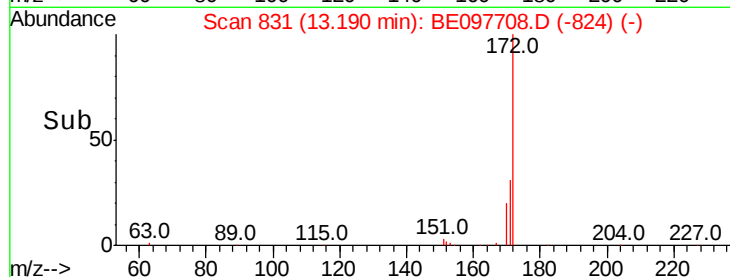
170 20.2 16.2 24.2



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: 0.395 ng

RT: 14.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

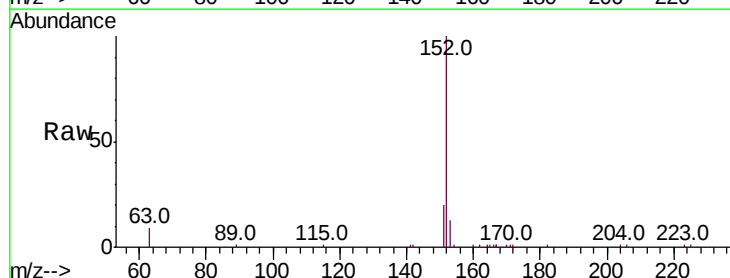
Tgt Ion:152 Resp: 20114

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9

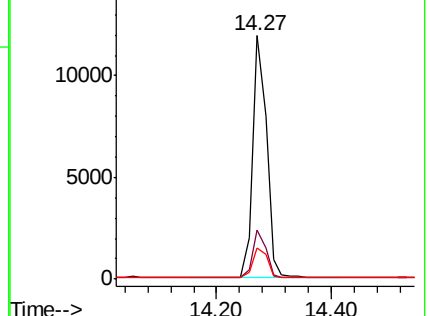
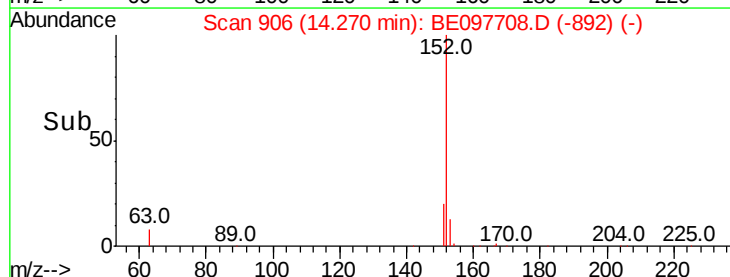
153 13.5 10.8 16.2

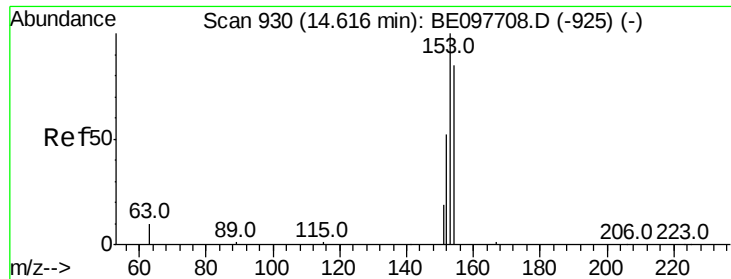


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.62 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

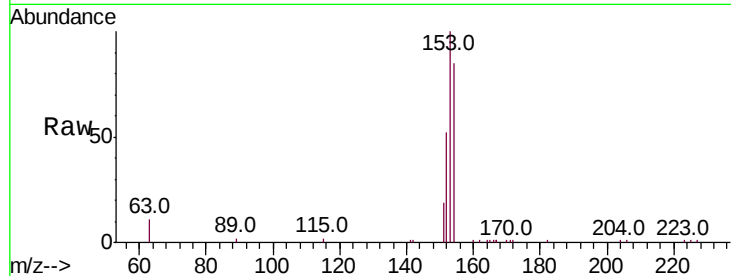
Tot Ion:154 Resp: 12832

Ion Ratio Lower Upper

154 100

153 116.6 93.3 139.9

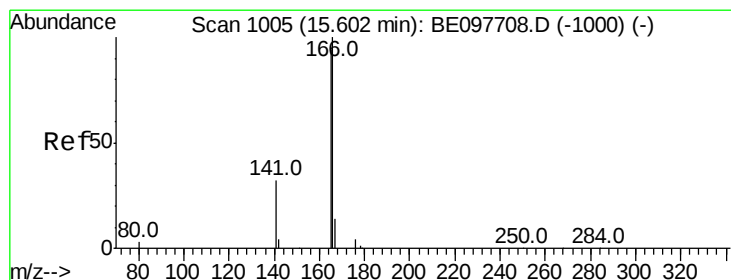
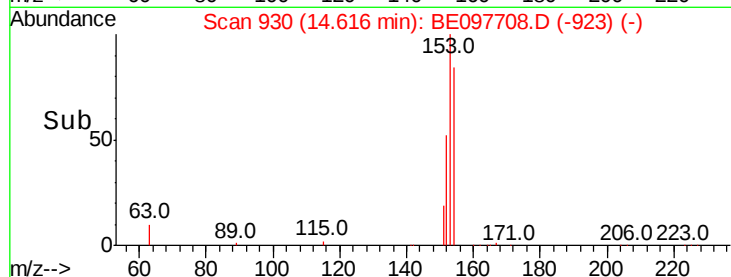
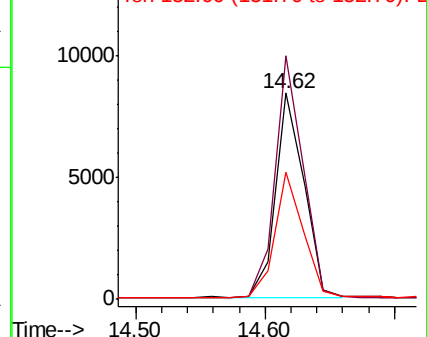
152 61.1 48.9 73.3



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: 0.391 ng

RT: 15.60 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

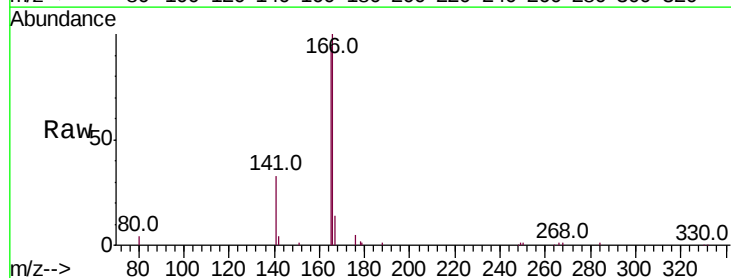
Tgt Ion:166 Resp: 17118

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

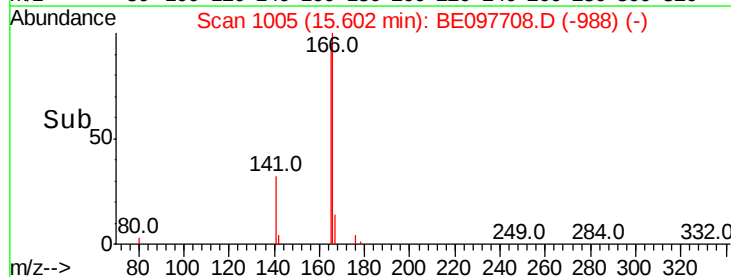
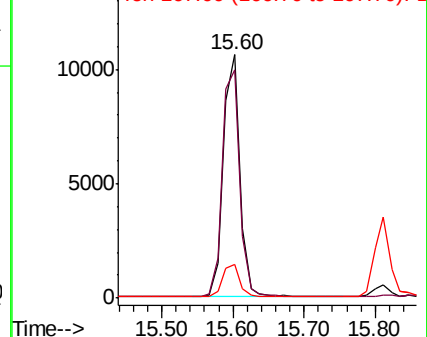
167 13.9 11.1 16.7

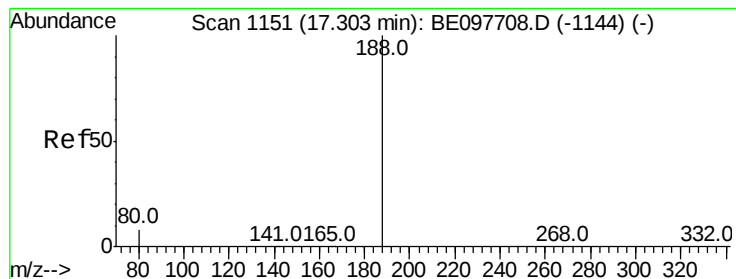


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

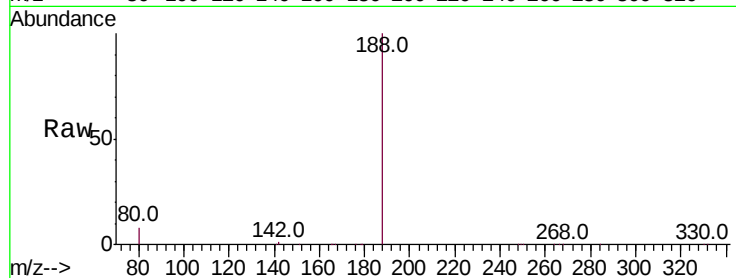
Tot Ion:188 Resp: 33272

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

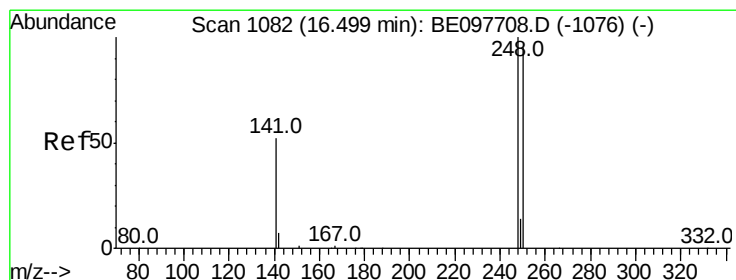
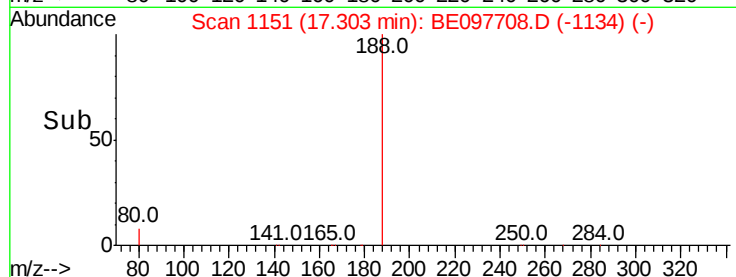
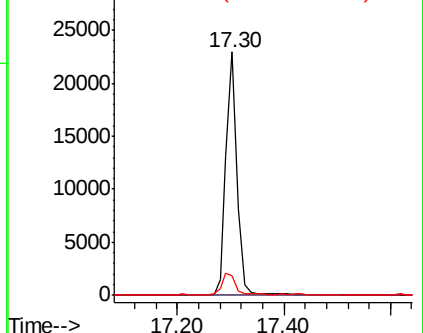
80 8.2 6.6 9.8



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: 0.384 ng

RT: 16.50 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

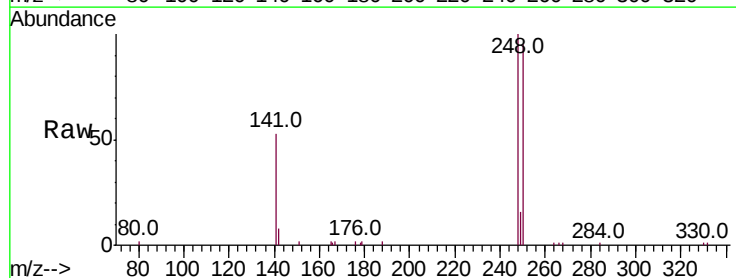
Tgt Ion:248 Resp: 6506

Ion Ratio Lower Upper

248 100

250 95.1 76.1 114.1

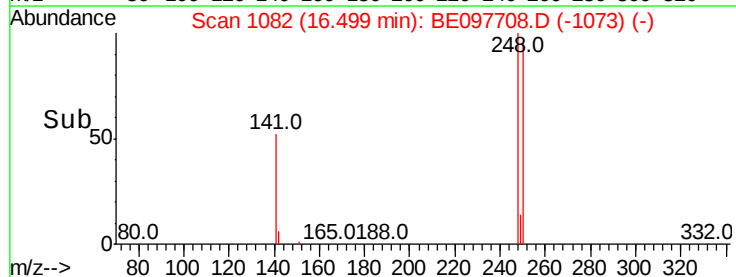
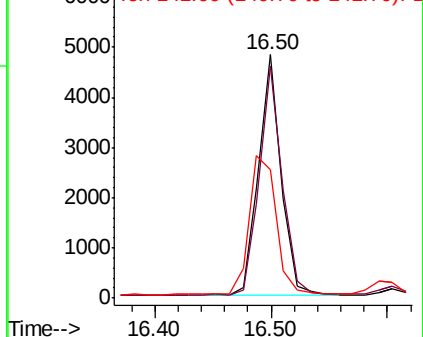
141 52.8 42.2 63.4

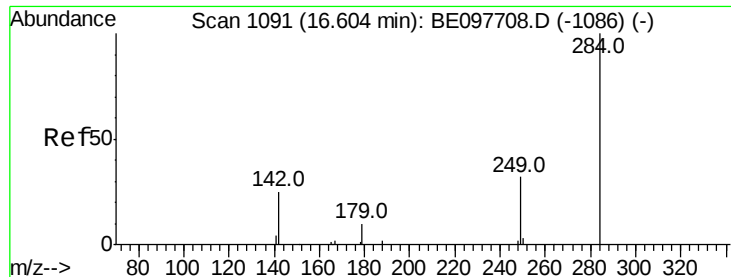


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

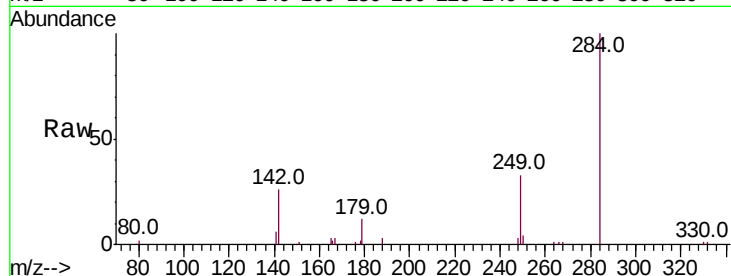




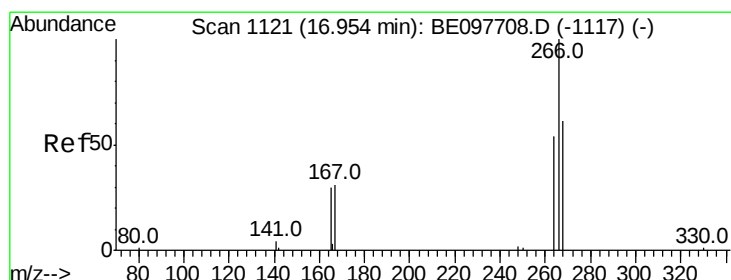
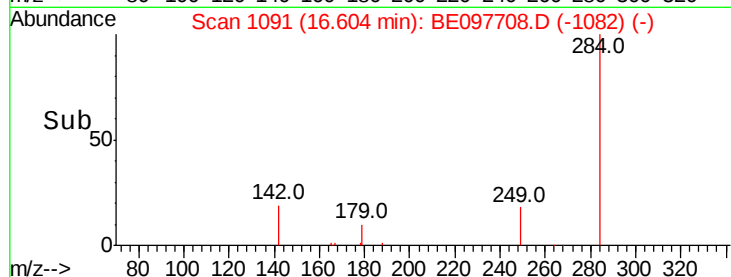
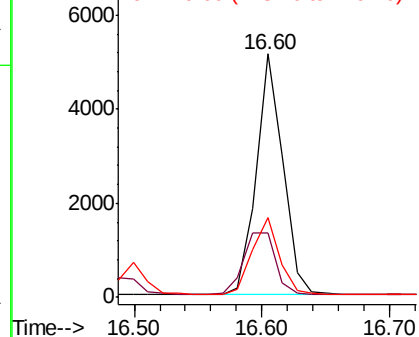
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 7463
Ion Ratio Lower Upper
284 100
142 31.1 24.9 37.3
249 32.3 25.8 38.8

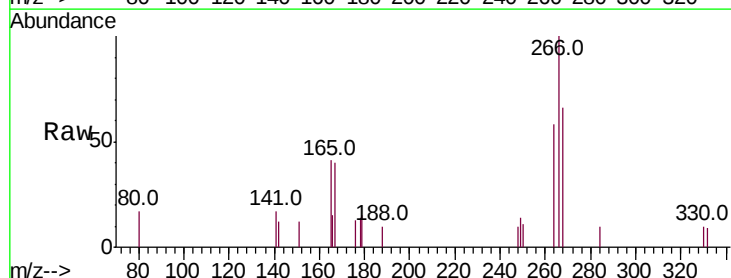


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

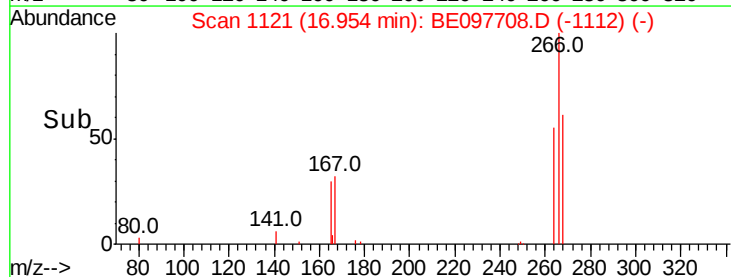
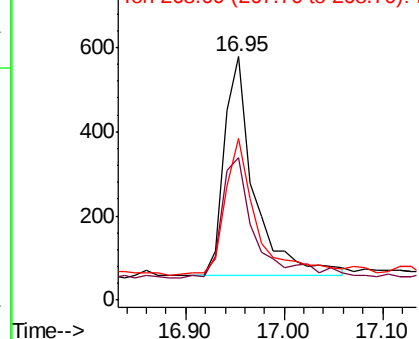


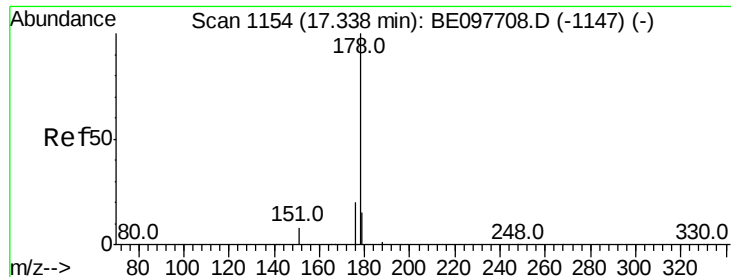
#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:266 Resp: 1088
Ion Ratio Lower Upper
266 100
264 58.5 46.8 70.2
268 66.3 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: 0.379 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

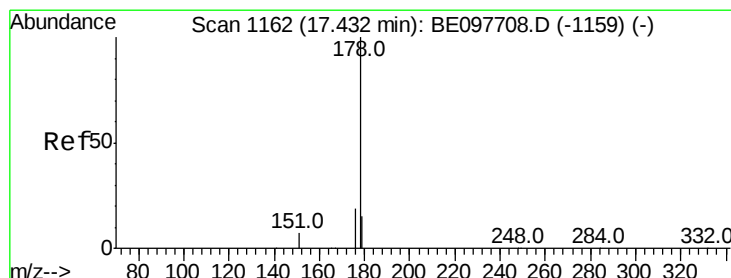
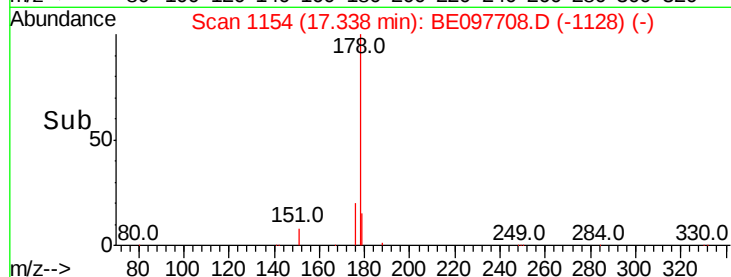
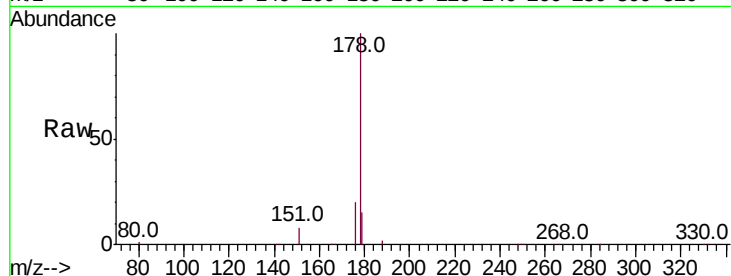
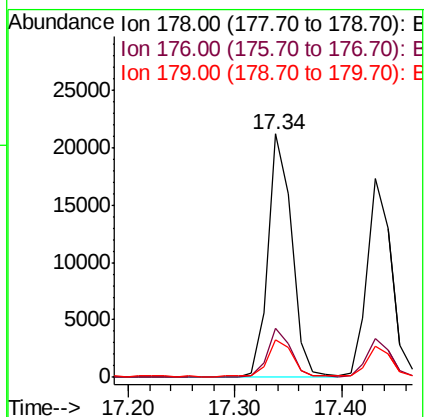
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:178 Resp: 32647

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4



#24

Anthracene

Concen: 0.382 ng

RT: 17.43 min Scan# 1162

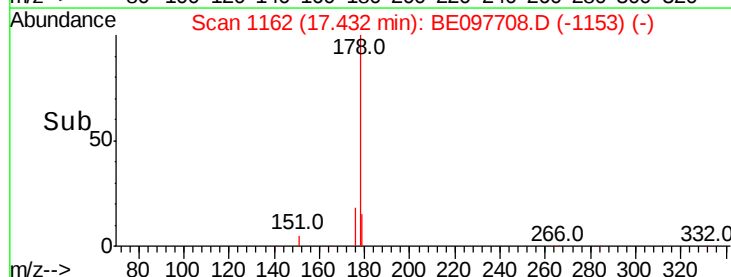
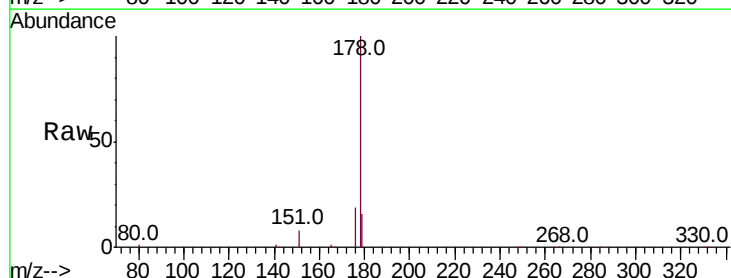
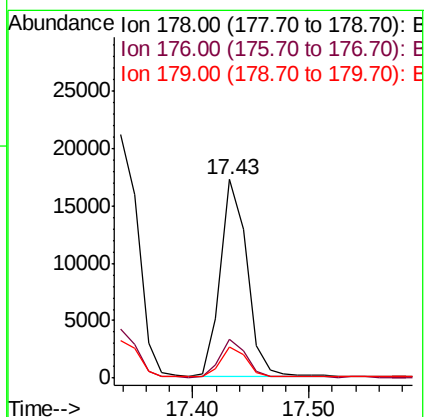
Delta R.T. 0.00 min

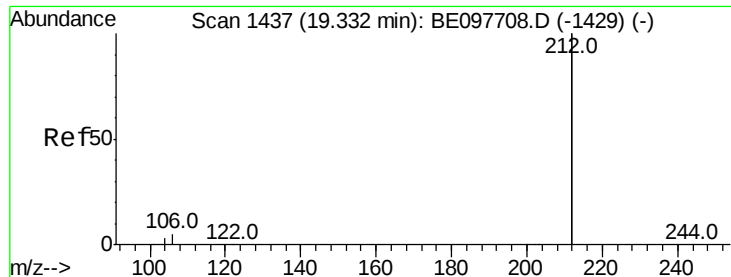
Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Tgt Ion:178 Resp: 27053

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.2	18.2





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

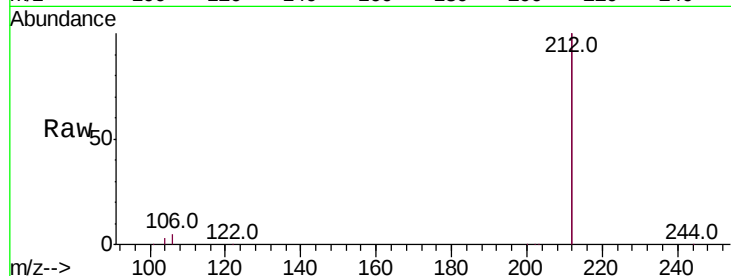
Tot Ion:212 Resp: 156426

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

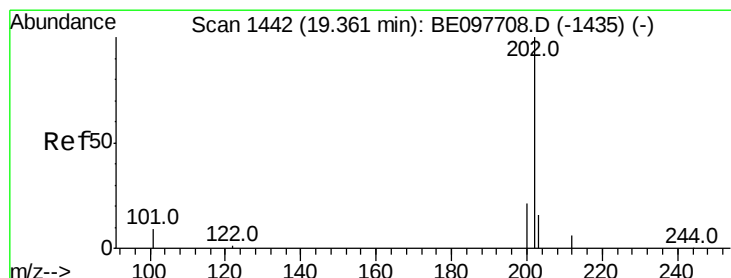
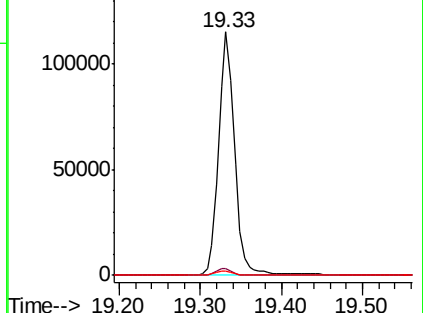
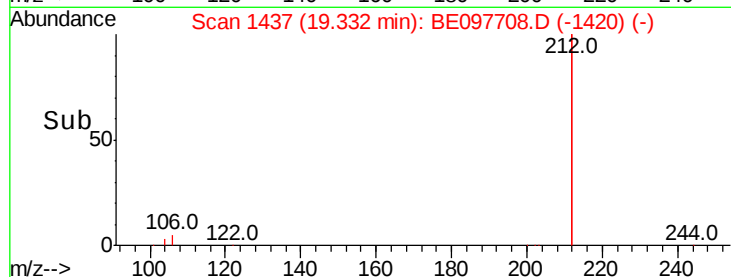
104 1.5 1.2 1.8



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: 0.382 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

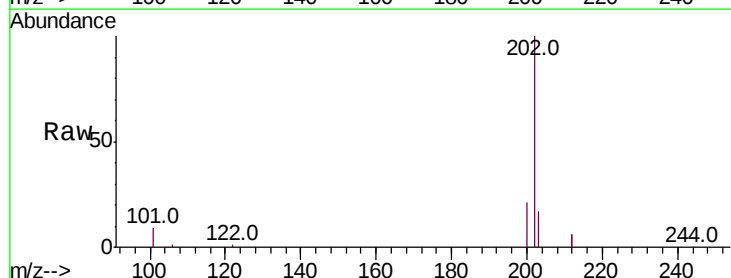
Tgt Ion:202 Resp: 40794

Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.8

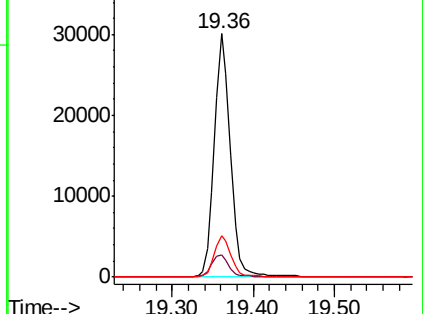
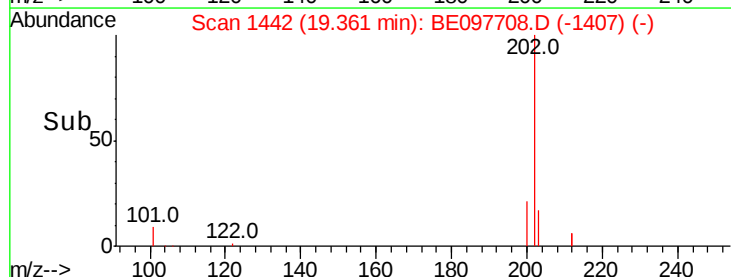
203 17.2 13.8 20.6

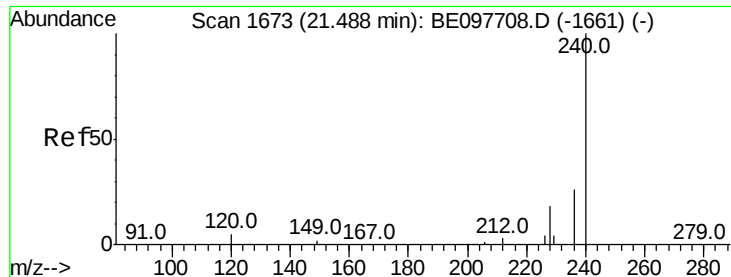


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

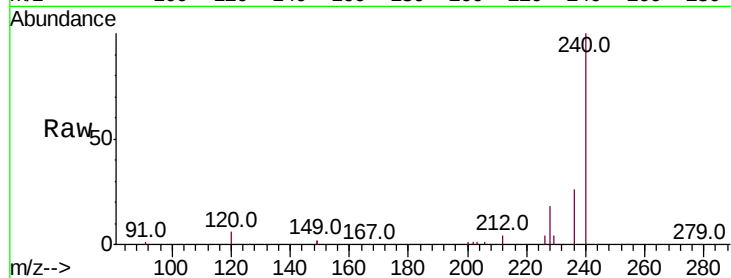
Tot Ion:240 Resp: 45213

Ion Ratio Lower Upper

240 100

120 5.9 4.7 7.1

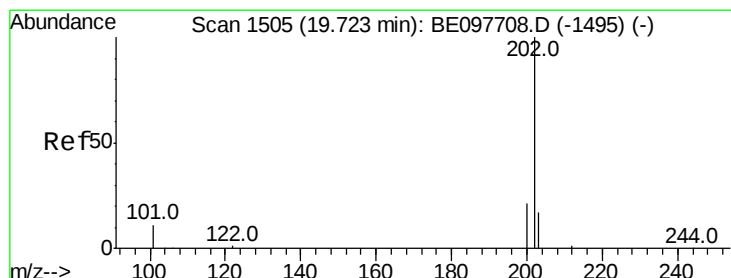
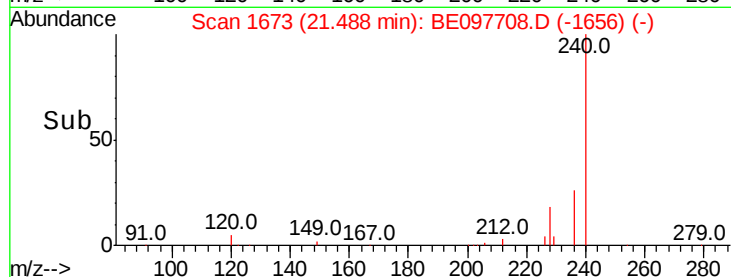
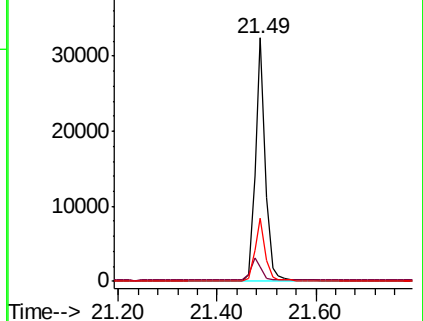
236 26.0 20.8 31.2



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: 0.352 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

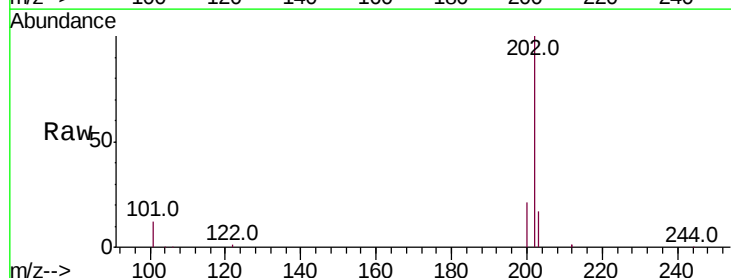
Tgt Ion:202 Resp: 41429

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

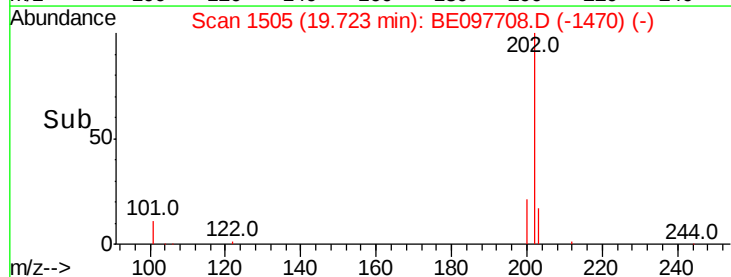
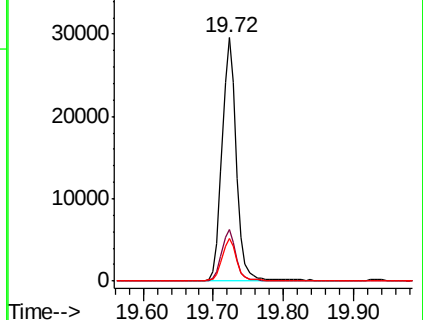
203 17.4 13.9 20.9

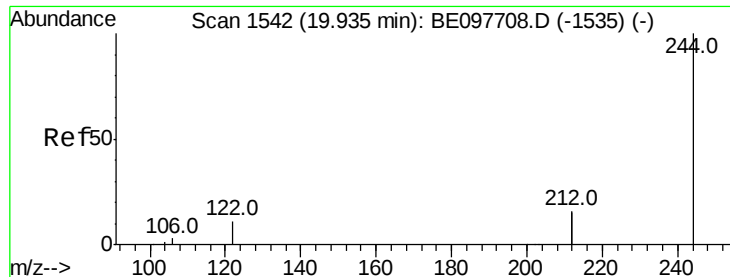


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

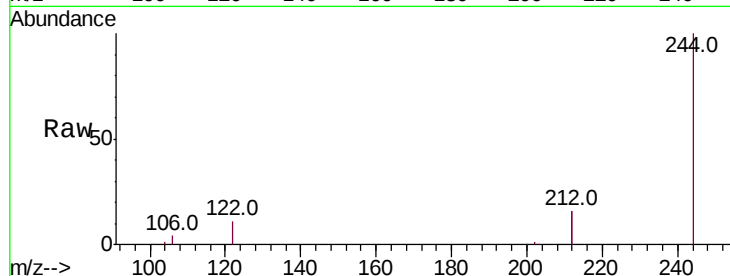
Tot Ion:244 Resp: 32965

Ion Ratio Lower Upper

244 100

212 32.3 25.8 38.8

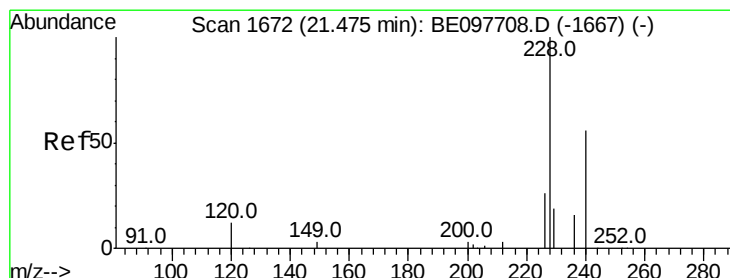
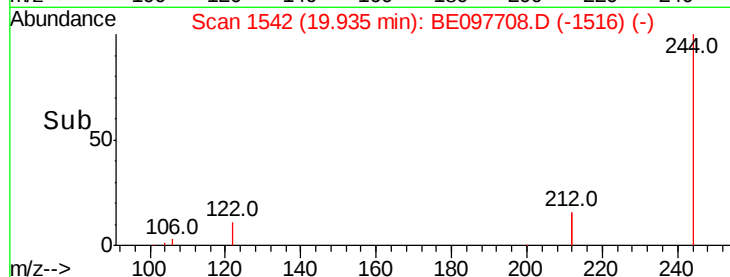
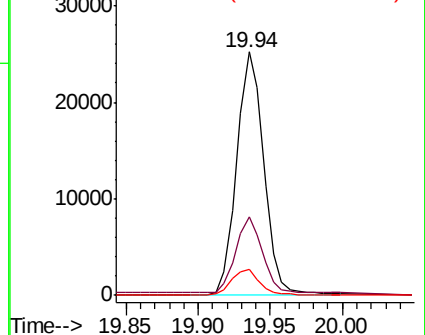
122 10.9 8.7 13.1



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: 0.389 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

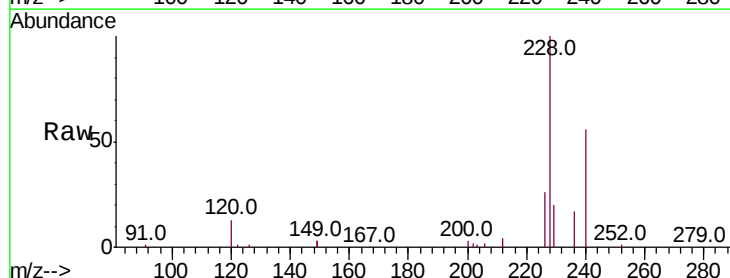
Tgt Ion:228 Resp: 43552

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

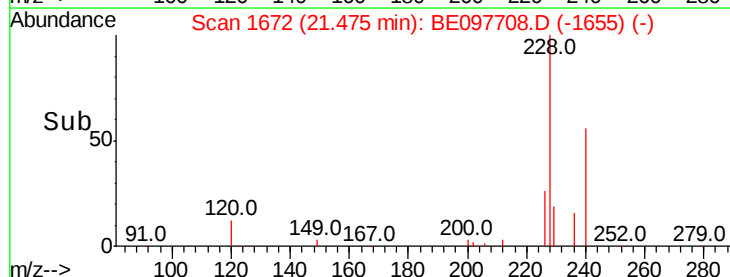
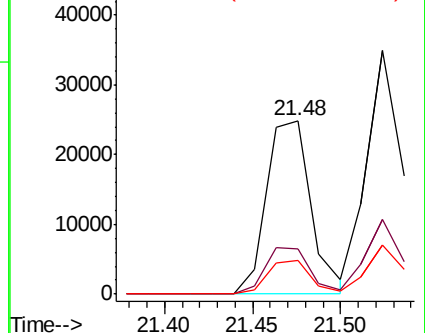
229 19.6 15.7 23.5

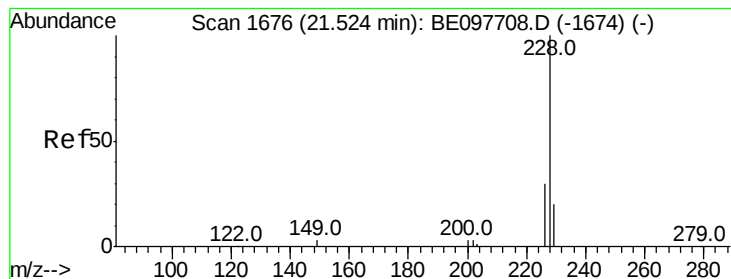


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.359 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

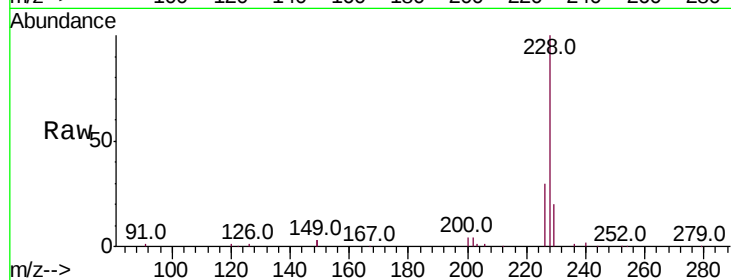
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 50156

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.0	16.0	24.0

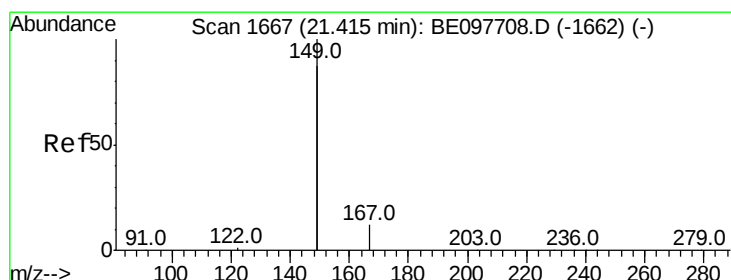
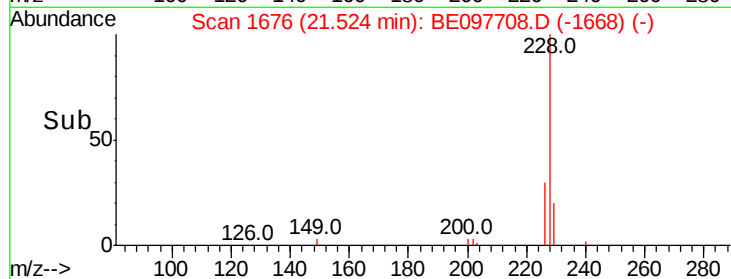
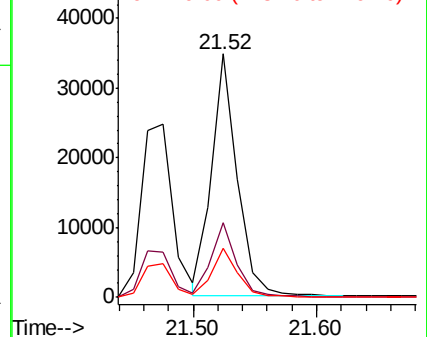


Abundance

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: 0.223 ng

RT: 21.41 min Scan# 1667

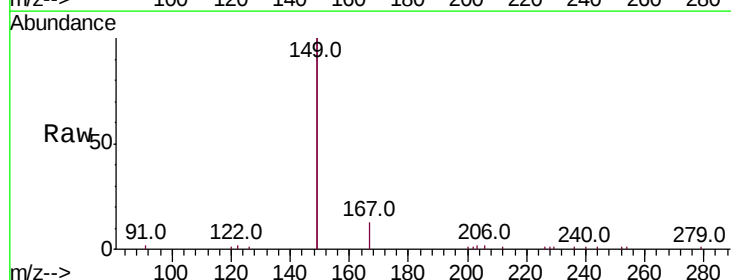
Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Tgt Ion:149 Resp: 30709

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.1	0.9	1.3

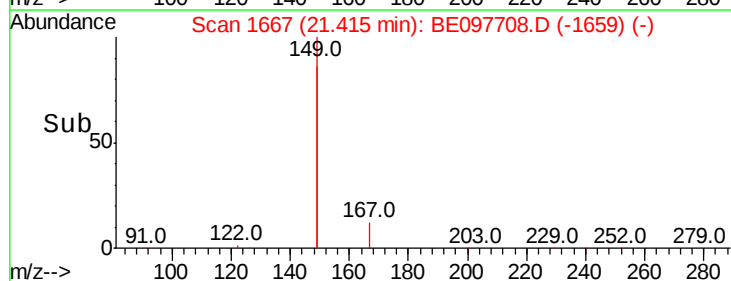
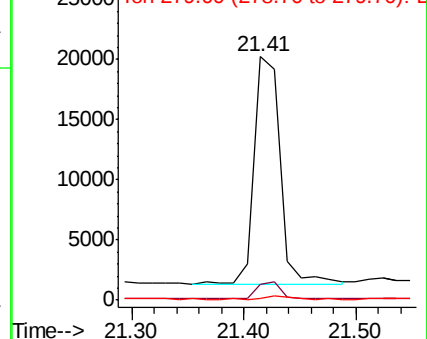


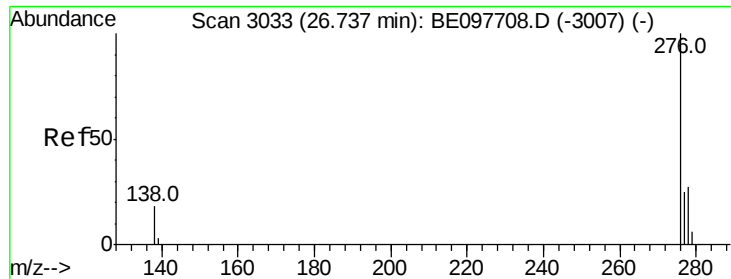
Abundance

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: 0.293 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

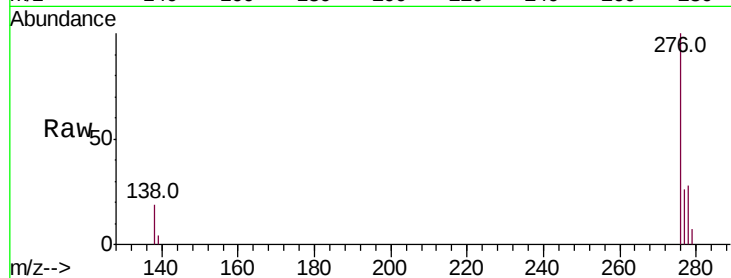
Tot Ion:276 Resp: 43319

Ion Ratio Lower Upper

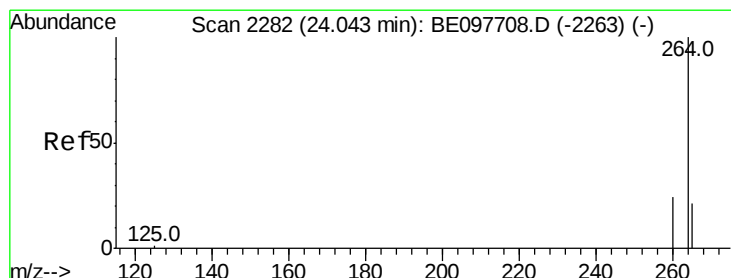
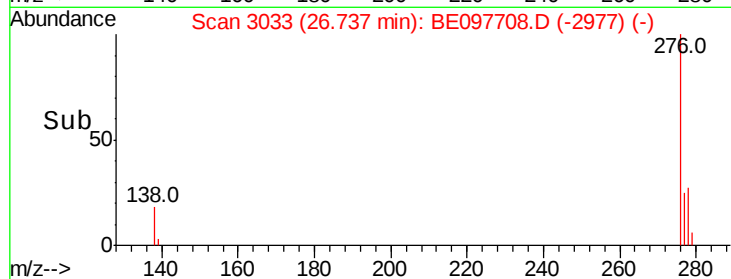
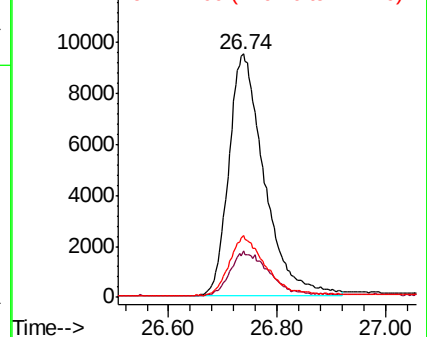
276 100

138 18.9 15.0 22.6

277 24.1 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# 2282

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

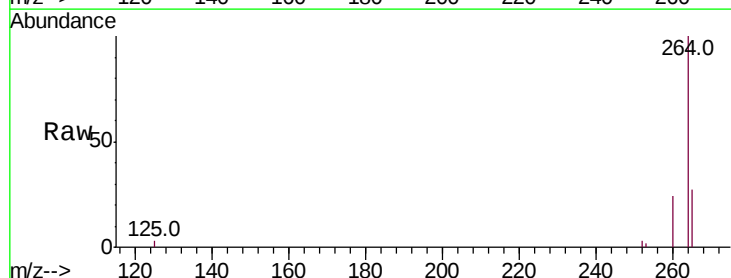
Tgt Ion:264 Resp: 40683

Ion Ratio Lower Upper

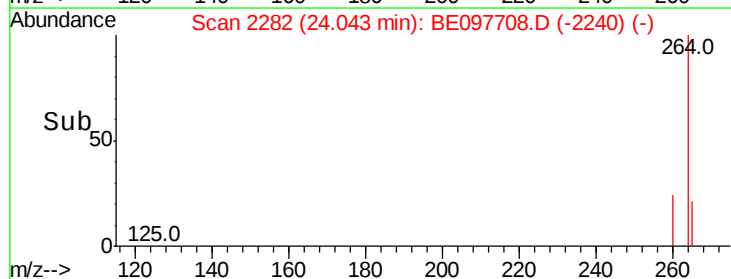
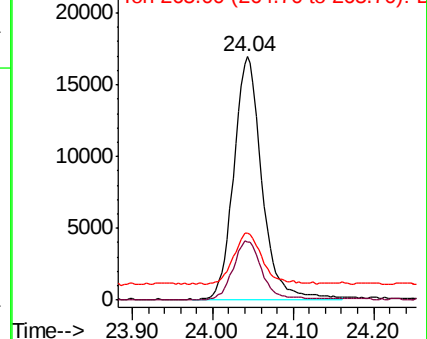
264 100

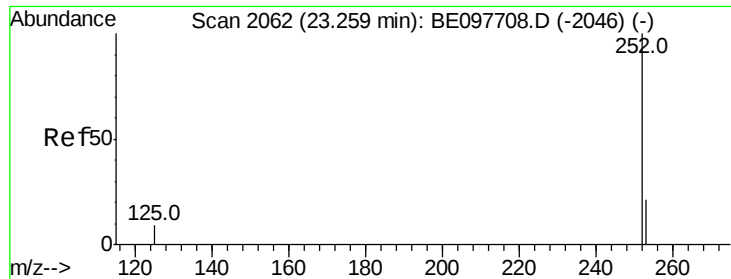
260 23.9 19.1 28.7

265 27.4 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

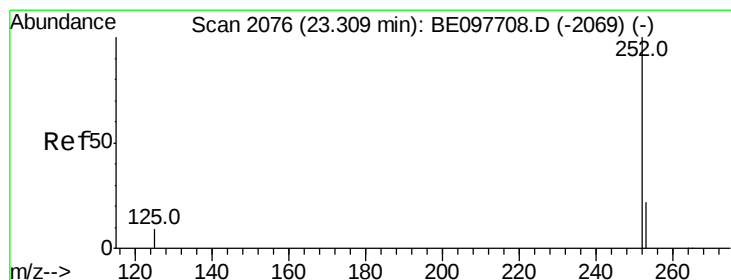
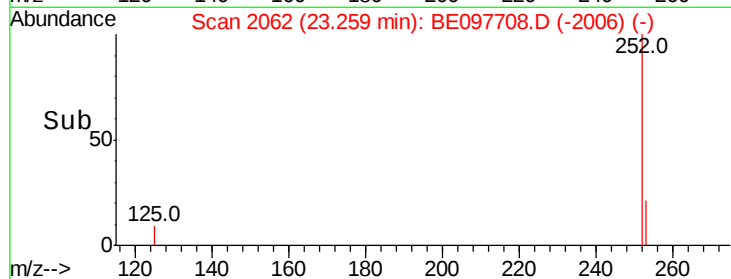
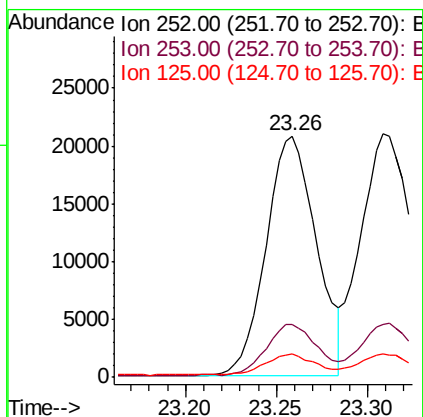
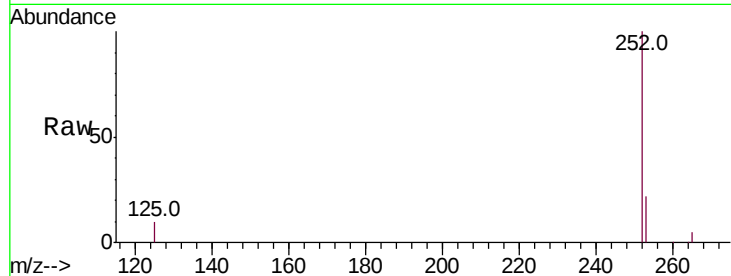




#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 23.26 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

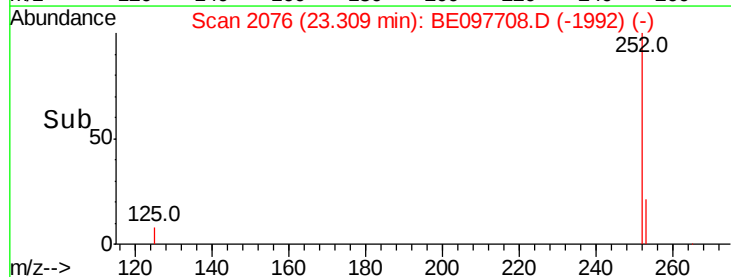
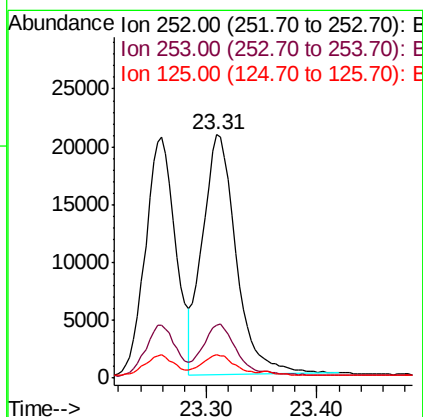
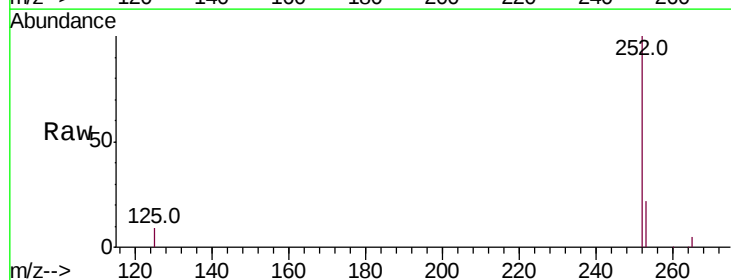
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

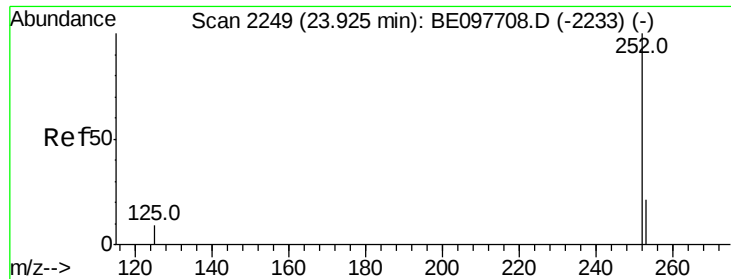
Tot Ion:252 Resp: 39785
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.8 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.327 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097708.D
Acq: 3 Oct 2018 9:43

Tgt Ion:252 Resp: 44357
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.321 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

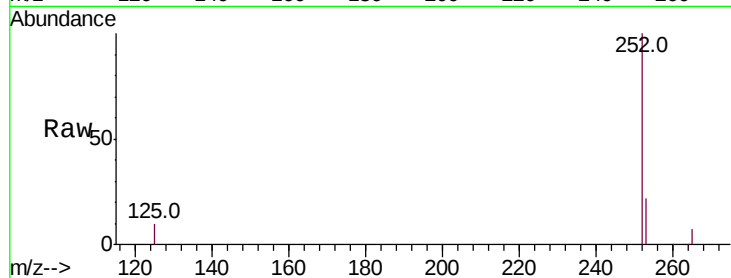
Tot Ion:252 Resp: 36173

Ion Ratio Lower Upper

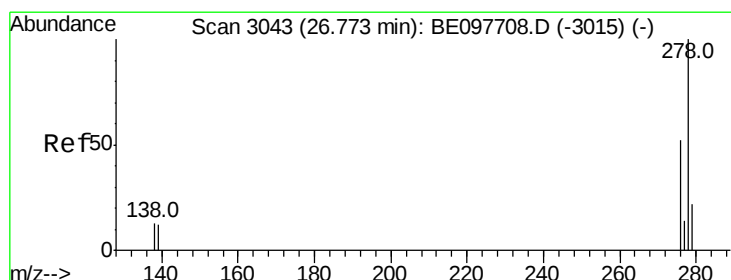
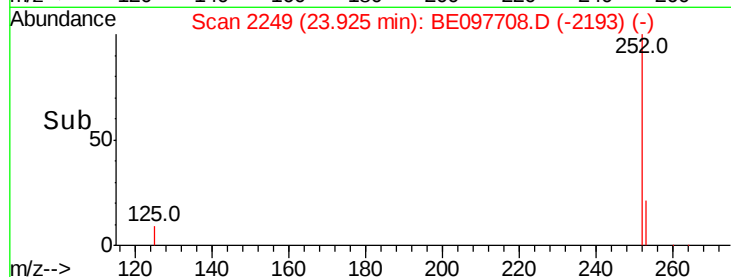
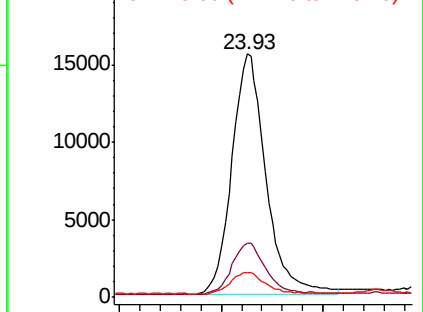
252 100

253 22.1 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: 0.292 ng

RT: 26.77 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

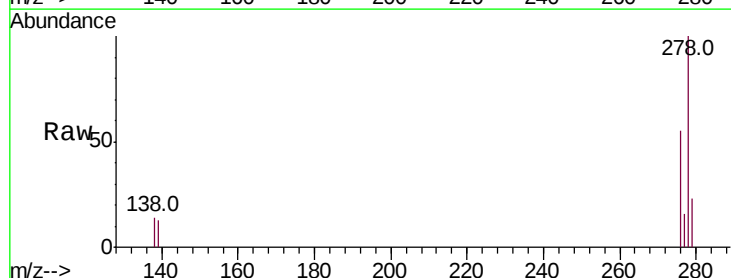
Tgt Ion:278 Resp: 35733

Ion Ratio Lower Upper

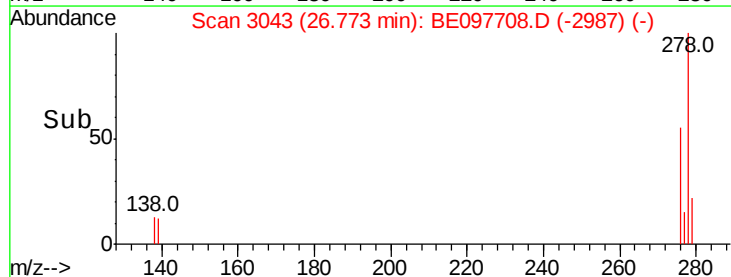
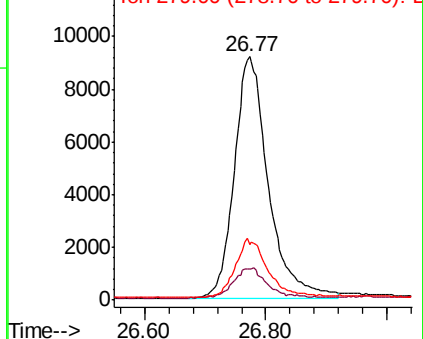
278 100

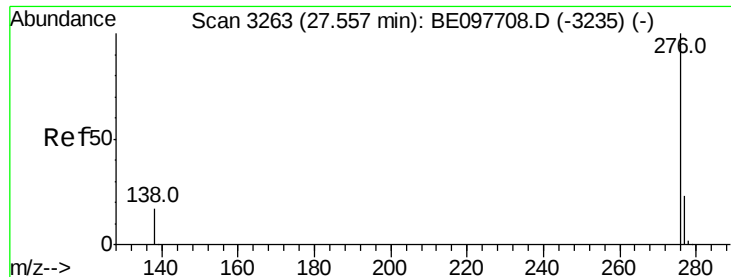
139 12.9 10.3 15.5

279 23.0 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: 0.308 ng

RT: 27.56 min Scan# 3263

Delta R.T. 0.00 min

Lab File: BE097708.D

Acq: 3 Oct 2018 9:43

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

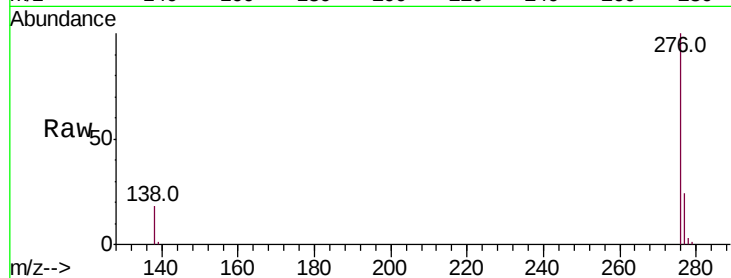
Tot Ion:276 Resp: 38235

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.7 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

