

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
 Data File : BE097646.D
 Acq On : 24 Sep 2018 15:44
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 24 16:29:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 16:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	743	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3765	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2576	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8008	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8539	0.40	ng	0.00
34) Perylene-d12	23.20	264	7901	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	690	0.31	ng	0.00
5) Phenol-d6	6.62	99	824	0.29	ng	0.00
8) Nitrobenzene-d5	8.54	82	820	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2091	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	347	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3152	0.35	ng	0.00
25) Fluoranthene-d10	18.80	212	31298	0.31	ng	0.00
29) Terphenyl-d14	19.42	244	6153	0.39	ng	0.00

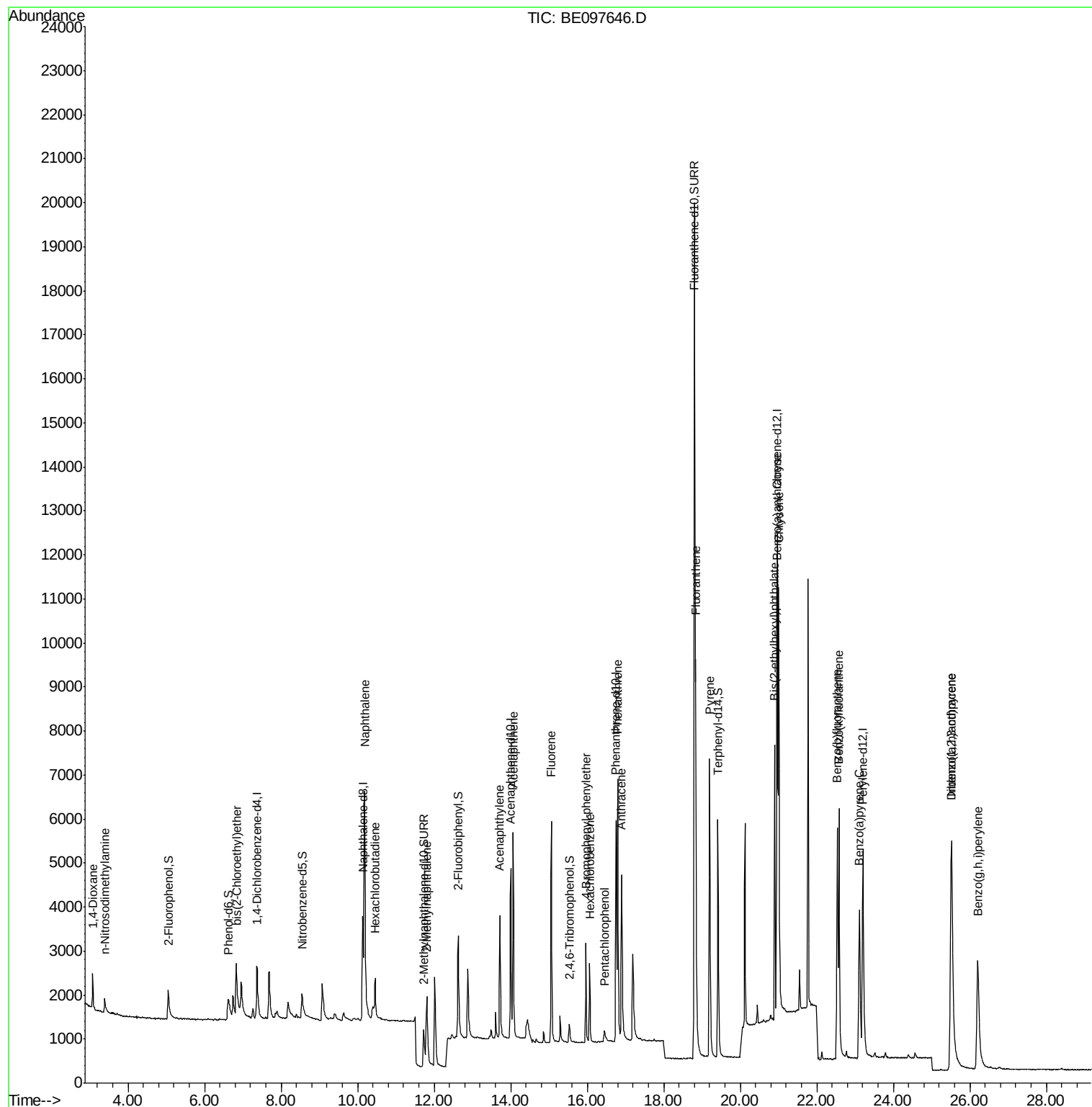
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	475	0.361	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	294	0.253	ng	# 82
6) bis(2-Chloroethyl)ether	6.84	93	927	0.351	ng	# 67
9) Naphthalene	10.19	128	12748	0.376	ng	99
10) Hexachlorobutadiene	10.46	225	572	0.366	ng	98
12) 2-Methylnaphthalene	11.80	142	2022	0.382	ng	97
16) Acenaphthylene	13.72	152	3710	0.364	ng	99
17) Acenaphthene	14.06	154	2506	0.367	ng	96
18) Fluorene	15.06	166	3487	0.392	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1315	0.364	ng	86
21) Hexachlorobenzene	16.07	284	1525	0.384	ng	# 85
22) Pentachlorophenol	16.45	266	272	0.196	ng	82
23) Phenanthrene	16.80	178	7031	0.370	ng	99
24) Anthracene	16.89	178	5605	0.334	ng	97
26) Fluoranthene	18.83	202	8150	0.309	ng	99
28) Pyrene	19.20	202	8308	0.427	ng	99
30) Benzo(a)anthracene	20.95	228	7010	0.326	ng	97
31) Chrysene	21.00	228	9177	0.398	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	8078	0.189	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9365	0.337	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	7497	0.370	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8903	0.385	ng	96
37) Benzo(a)pyrene	23.11	252	7201	0.346	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	7476	0.352	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	7679	0.372	ng	# 90

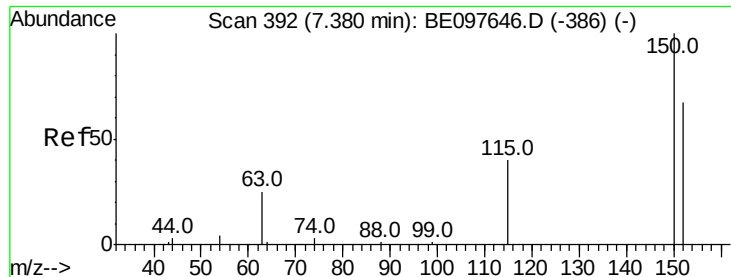
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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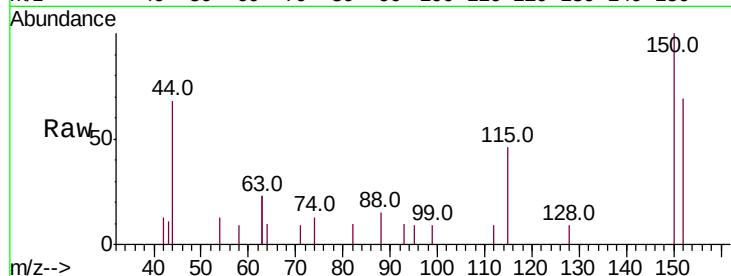


#1

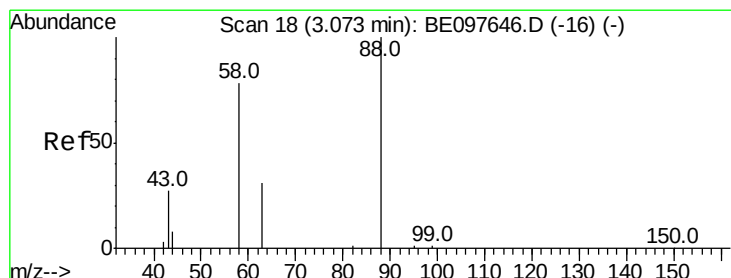
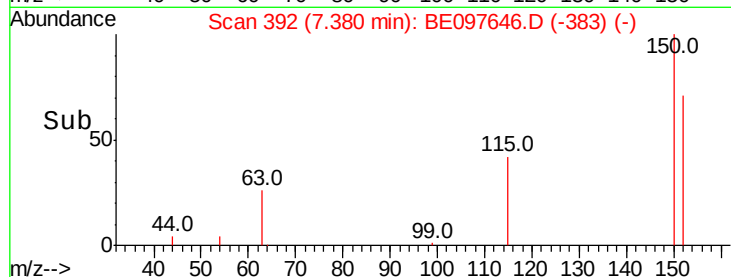
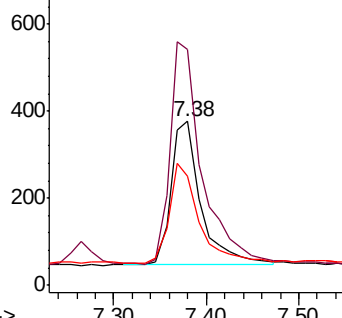
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
150 144.1 117.2 175.8
115 66.5 57.0 85.6



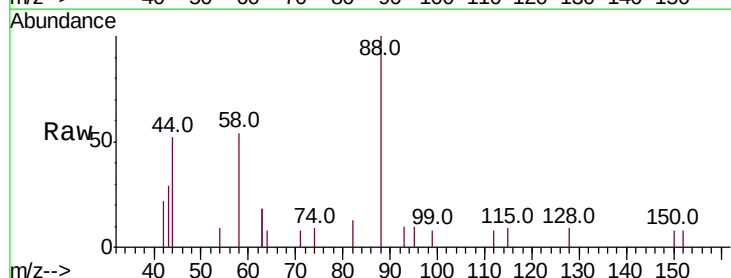
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



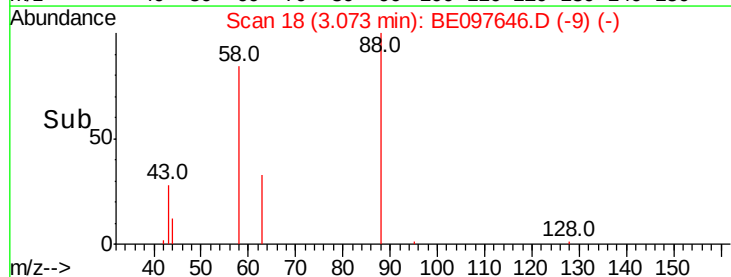
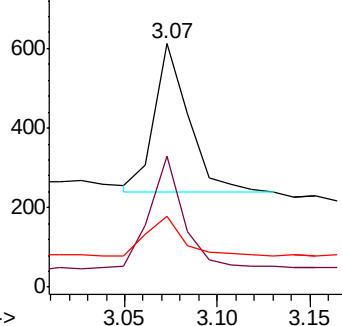
#2

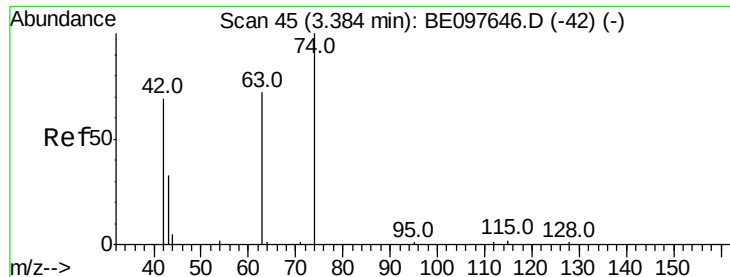
1,4-Dioxane
Concen: 0.361 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion: 88 Resp: 475
Ion Ratio Lower Upper
88 100
58 76.6 63.2 94.8
43 29.7 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.253 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

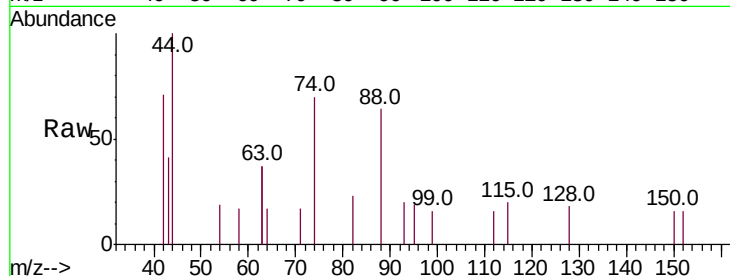
Tot Ion: 42 Resp: 294

Ion Ratio Lower Upper

42 100

74 138.1 96.0 144.0

44 0.0 12.0 18.0#

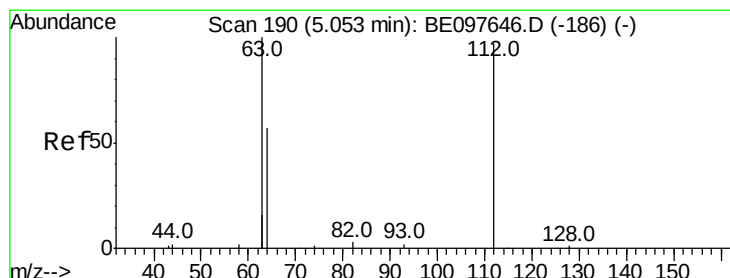
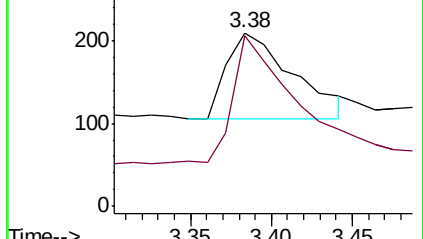
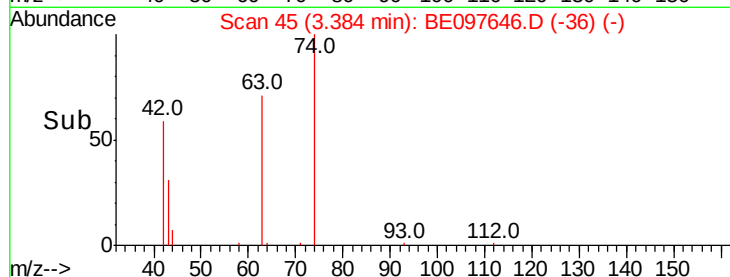


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.310 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

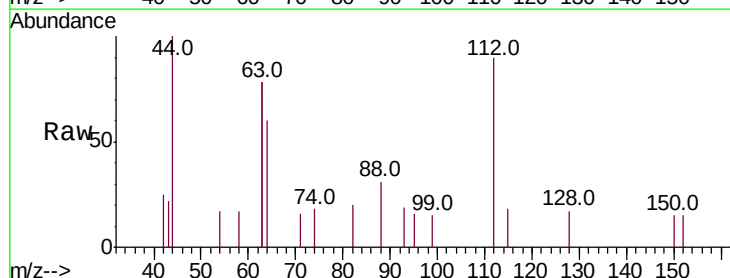
Tgt Ion: 112 Resp: 690

Ion Ratio Lower Upper

112 100

64 65.4 60.1 90.1

63 138.8 116.8 175.2

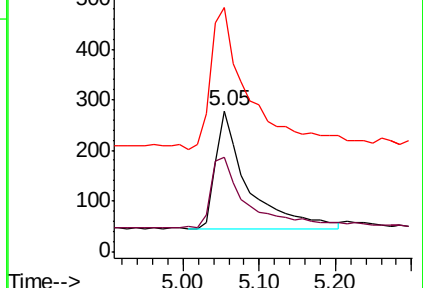
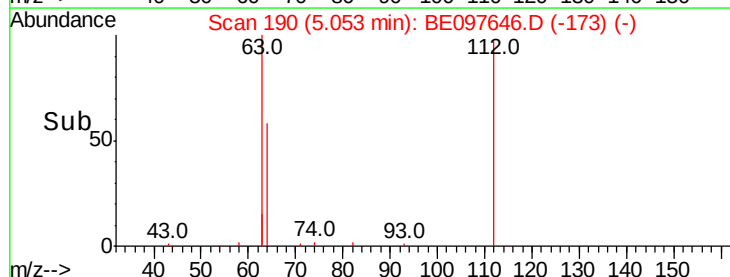


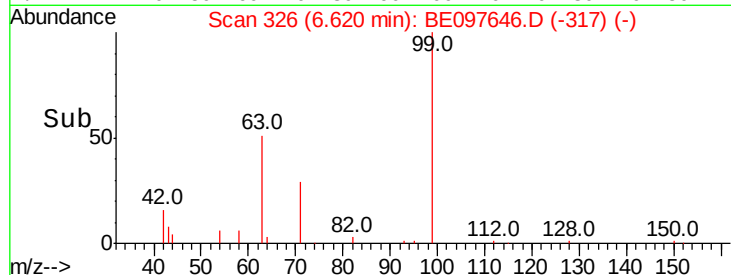
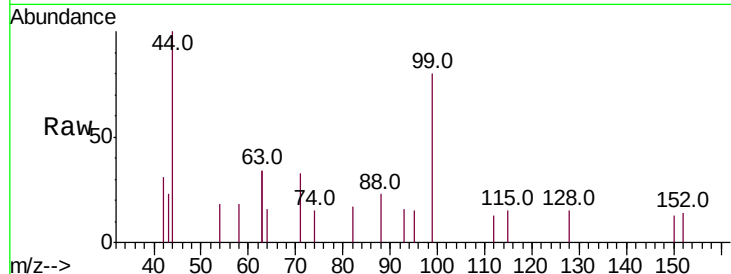
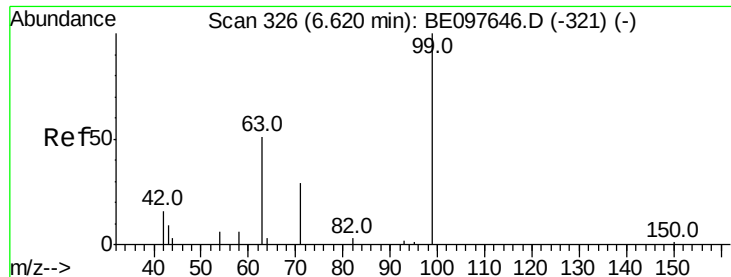
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.289 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

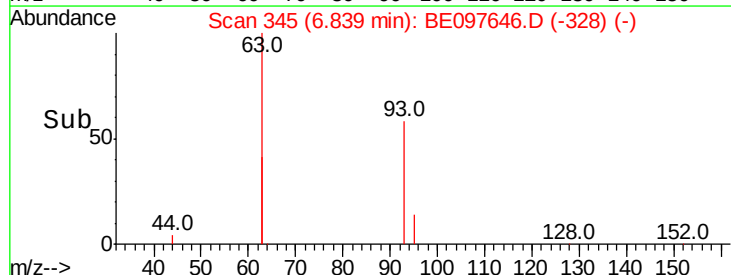
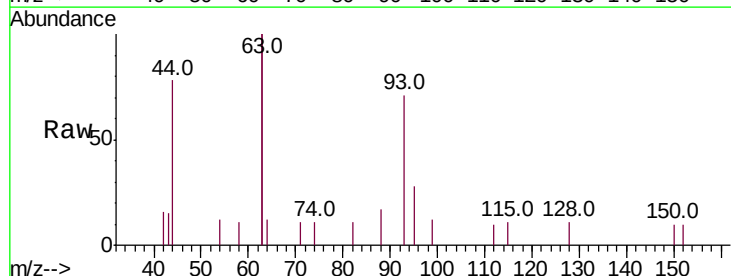
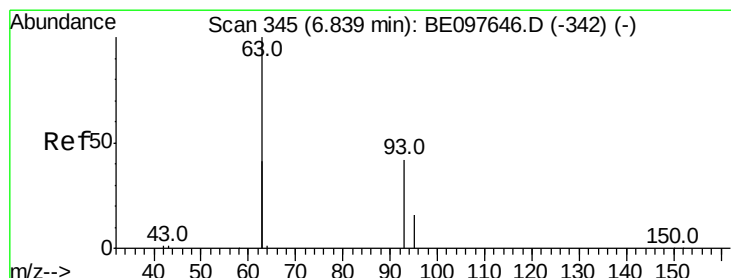
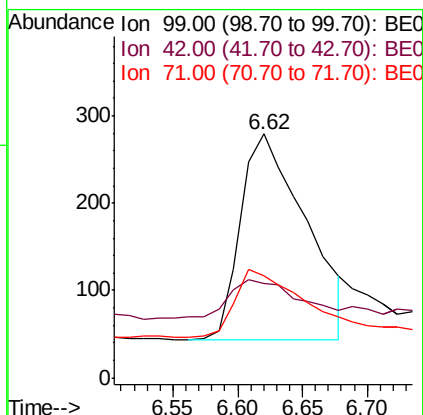
Tot Ion: 99 Resp: 824

Ion Ratio Lower Upper

99 100

42 18.9 20.2 30.2#

71 33.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.351 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

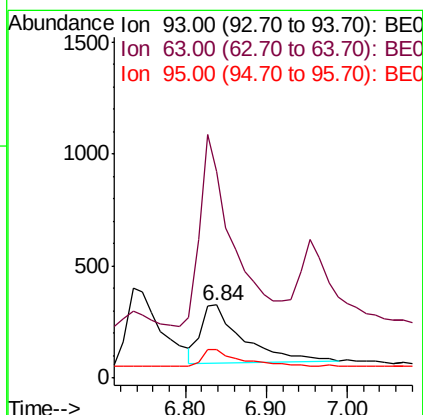
Tgt Ion: 93 Resp: 927

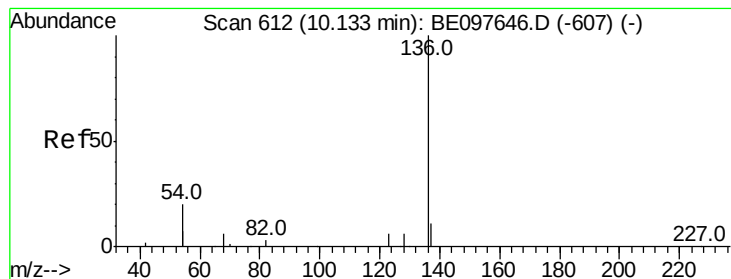
Ion Ratio Lower Upper

93 100

63 267.7 275.3 412.9#

95 27.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 3765

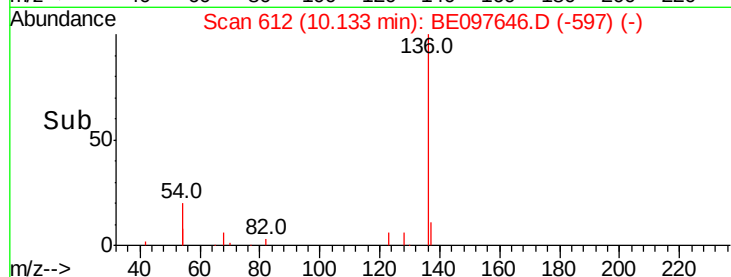
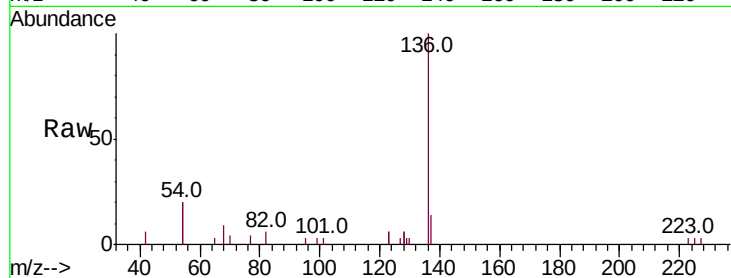
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 39.1 29.1 43.7

68 8.7 6.2 9.2

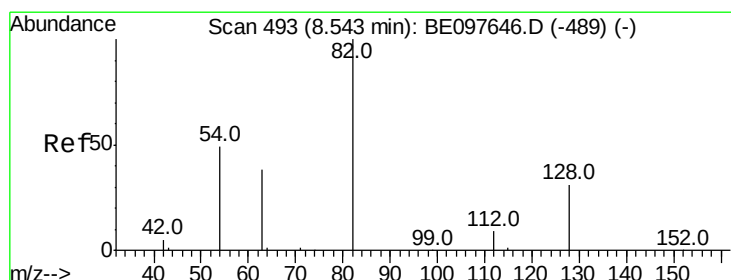
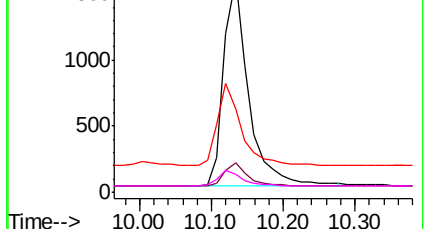


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

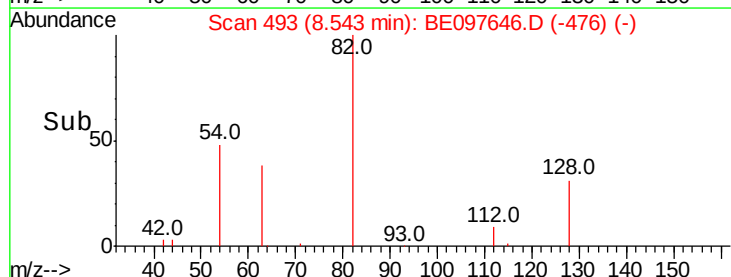
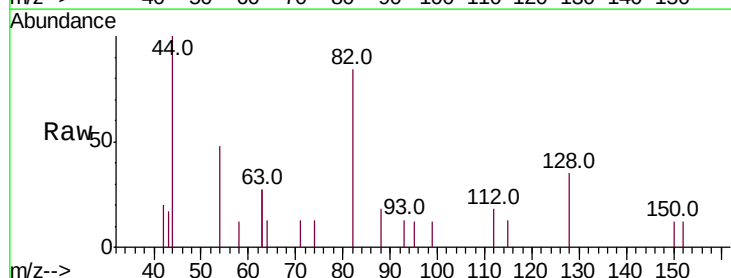
Tgt Ion: 82 Resp: 820

Ion Ratio Lower Upper

82 100

128 41.2 24.0 36.0#

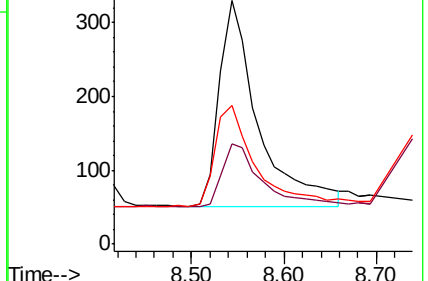
54 57.0 40.0 60.0

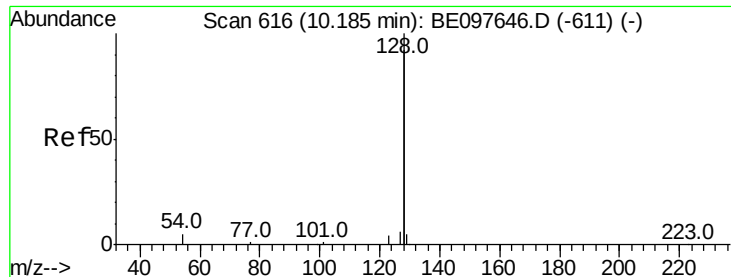


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097646.D

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Instrument :

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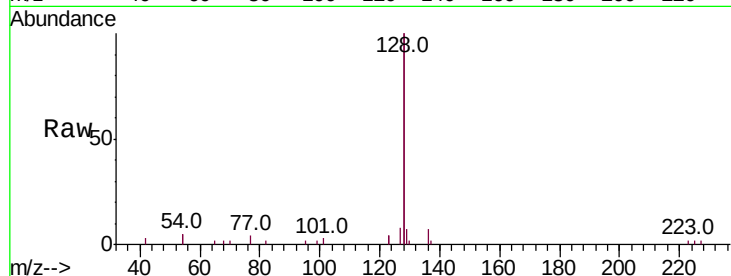
Tot Ion:128 Resp: 12748

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

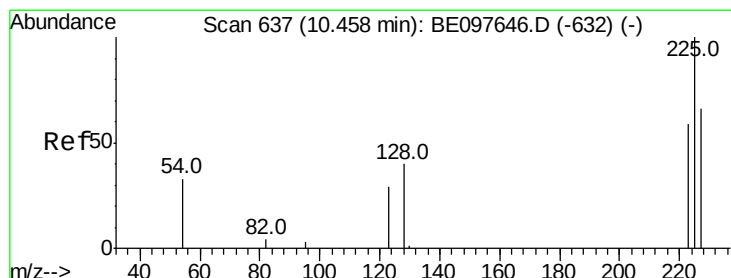
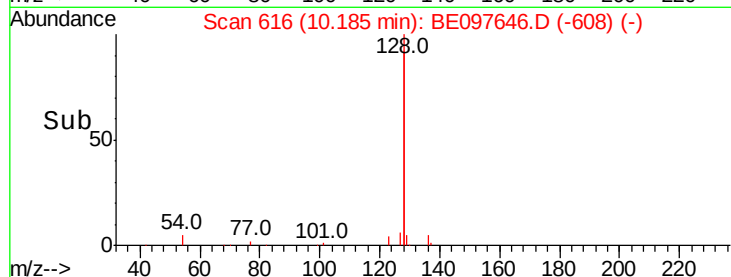
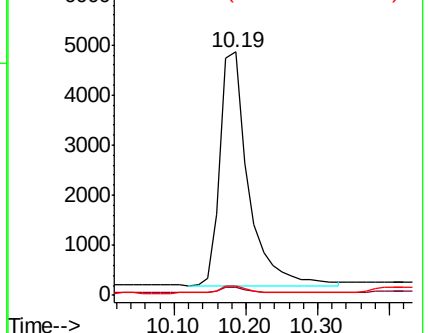
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.366 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

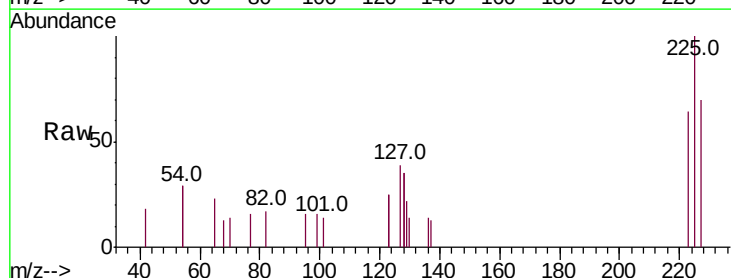
Tgt Ion:225 Resp: 572

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

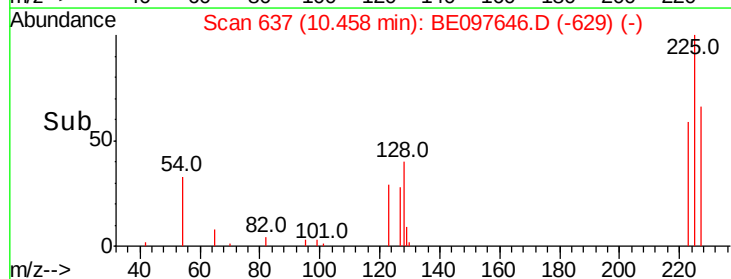
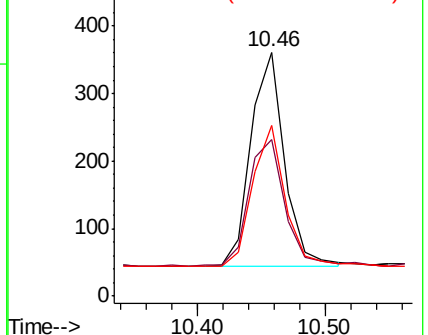
227 64.5 51.4 77.2

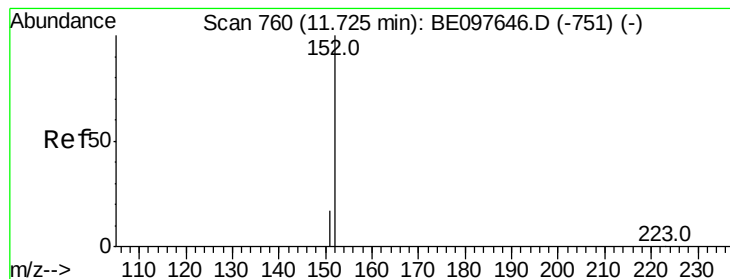


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

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ClientSampleId :

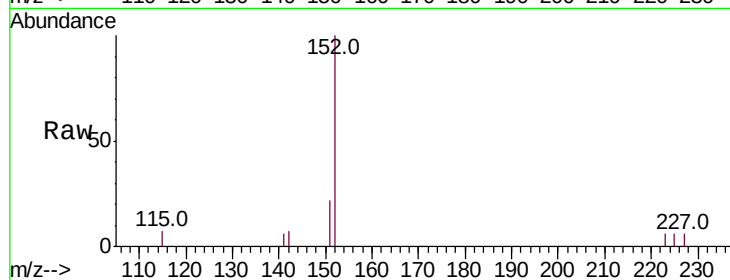
SSTDICCC0.4

Tot Ion:152 Resp: 2091

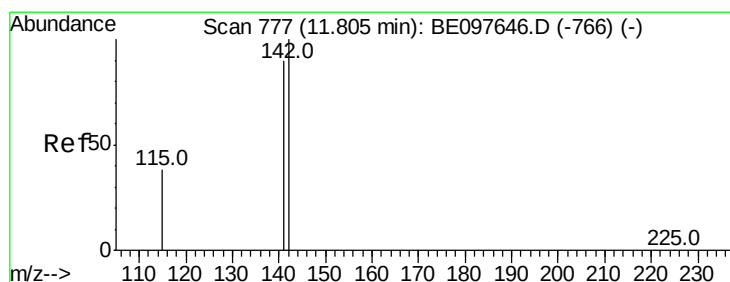
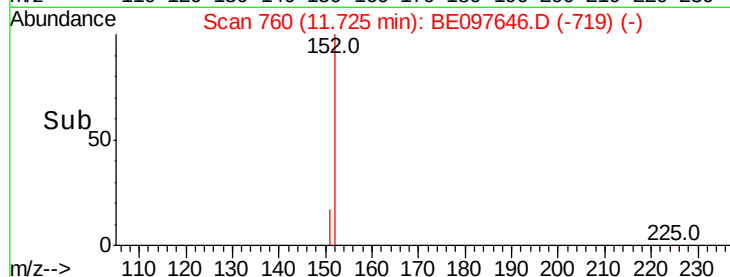
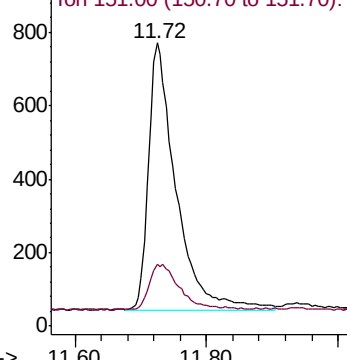
Ion Ratio Lower Upper

152 100

151 18.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

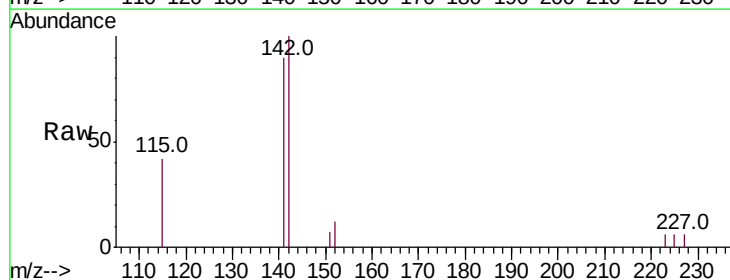
Tgt Ion:142 Resp: 2022

Ion Ratio Lower Upper

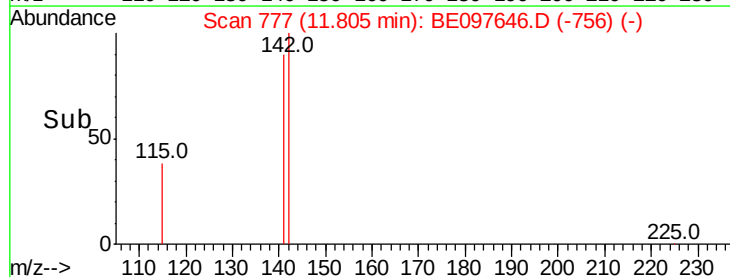
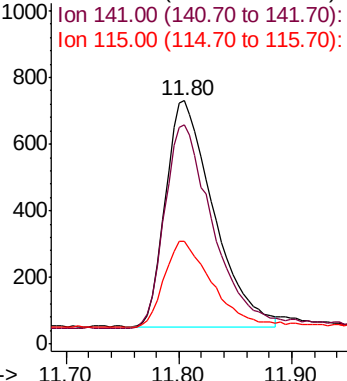
142 100

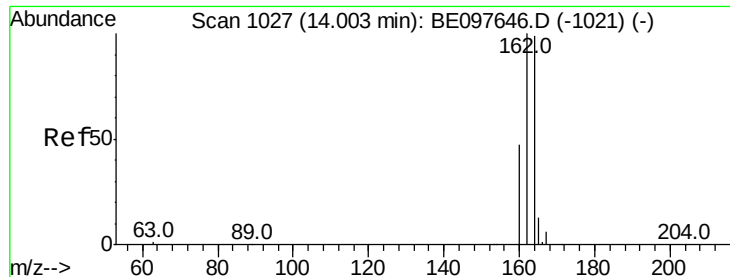
141 90.2 70.4 105.6

115 42.3 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

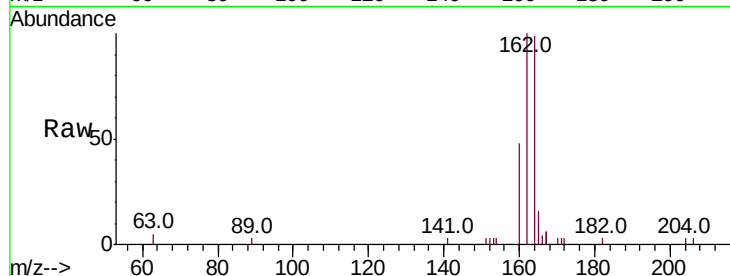
Tot Ion:164 Resp: 2576

Ion Ratio Lower Upper

164 100

162 101.1 83.1 124.7

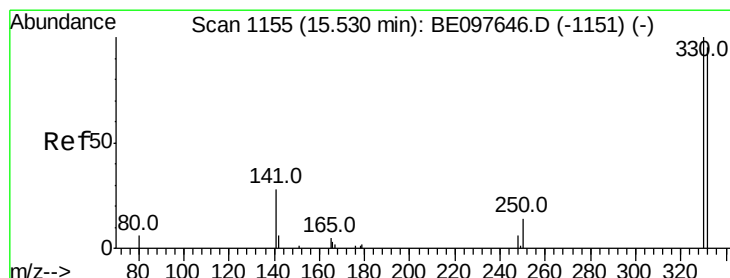
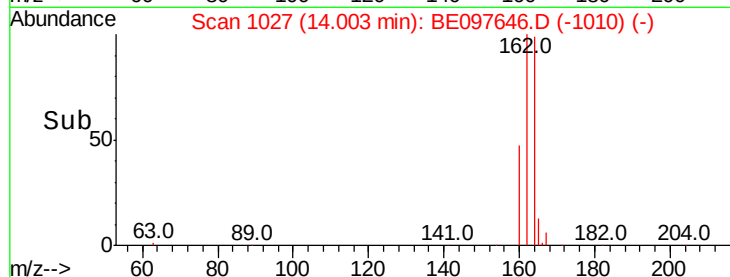
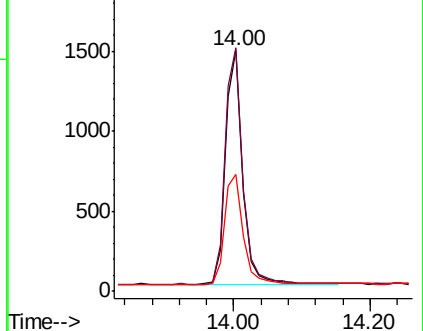
160 48.7 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

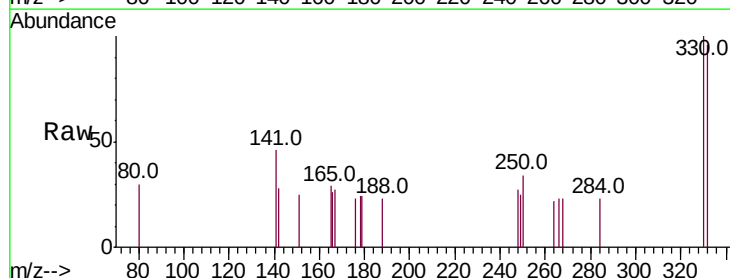
Tgt Ion:330 Resp: 347

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

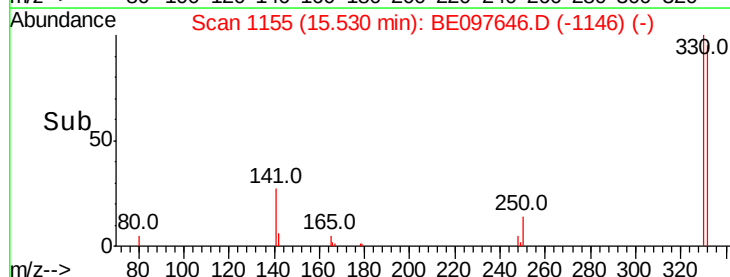
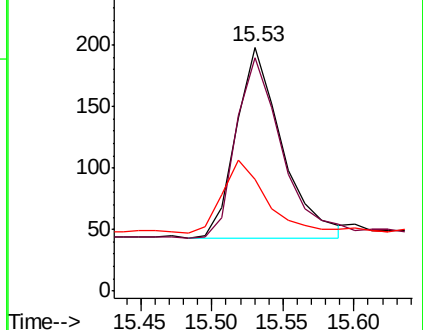
141 36.0 33.7 50.5

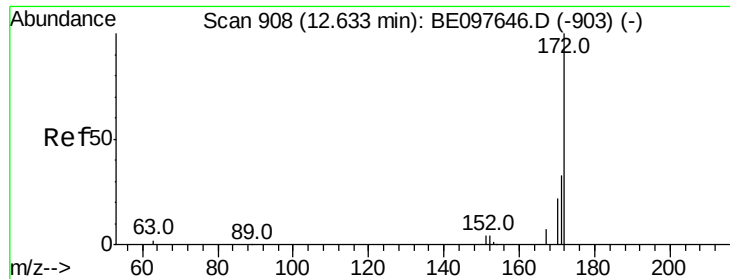


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

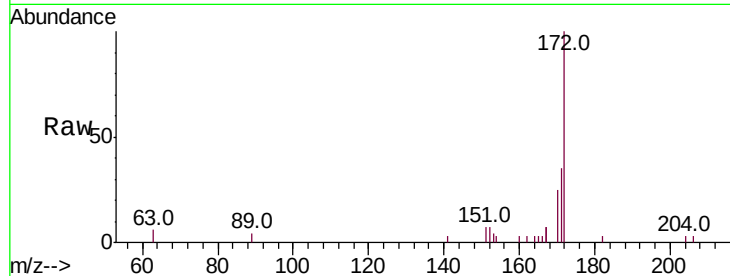




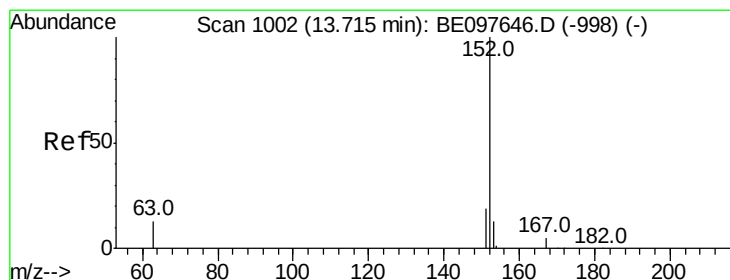
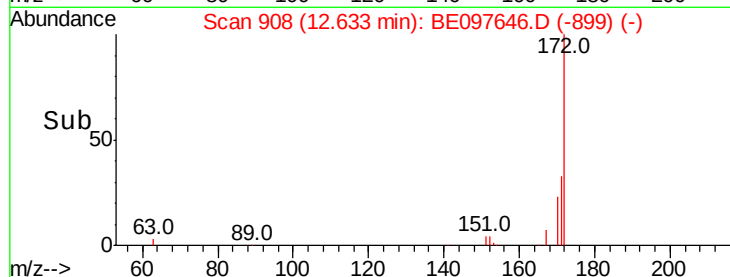
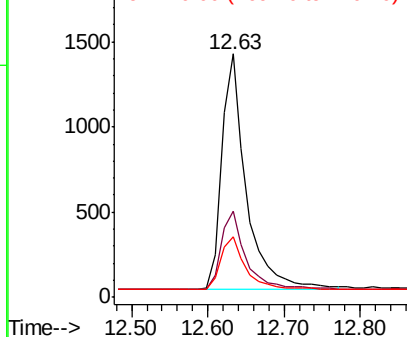
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 3152
Ion Ratio Lower Upper
172 100
171 35.5 29.9 44.9
170 24.9 21.8 32.8

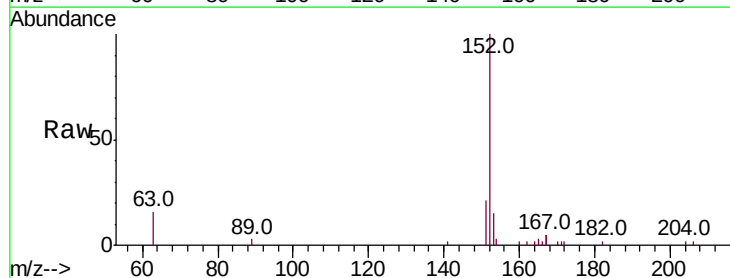


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

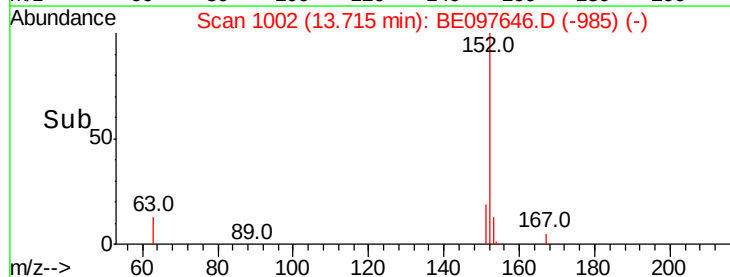
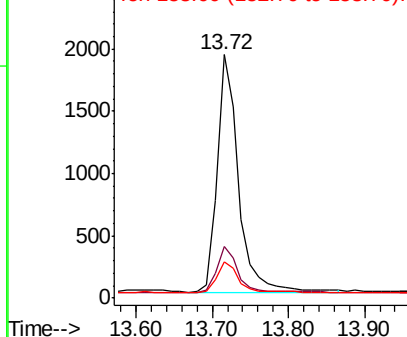


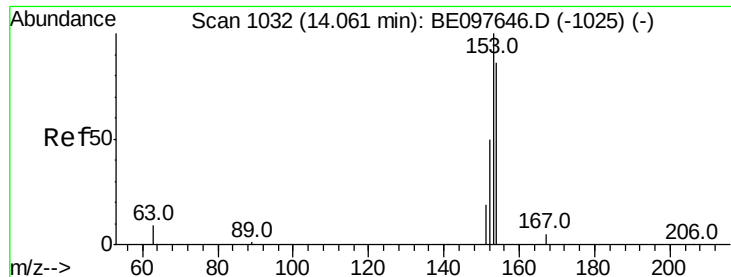
#16
Acenaphthylene
Concen: 0.364 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:152 Resp: 3710
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

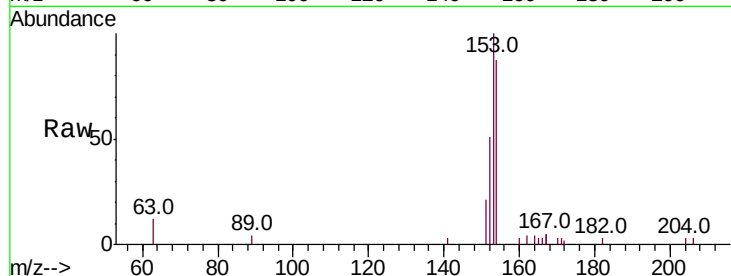
Tot Ion:154 Resp: 2506

Ion Ratio Lower Upper

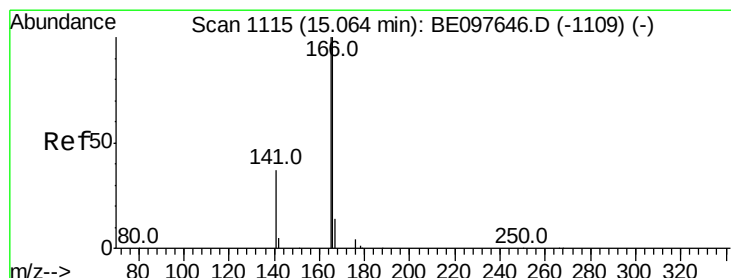
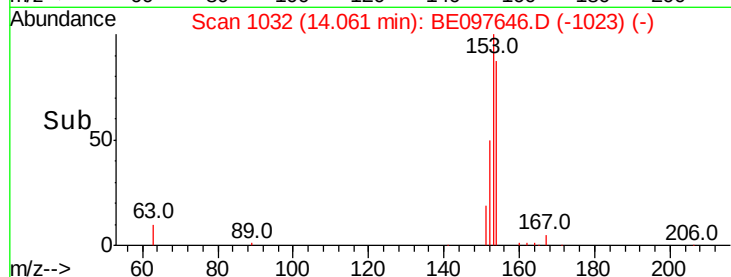
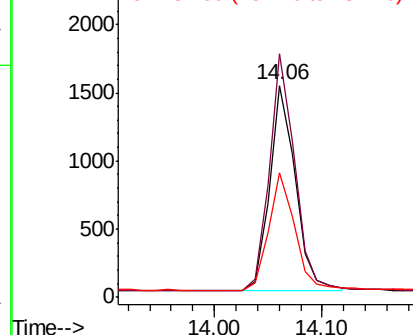
154 100

153 114.2 89.2 133.8

152 58.3 42.0 63.0



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



#18

Fluorene

Concen: 0.392 ng

RT: 15.06 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

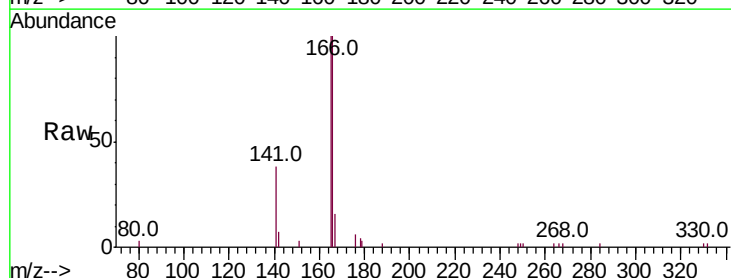
Tgt Ion:166 Resp: 3487

Ion Ratio Lower Upper

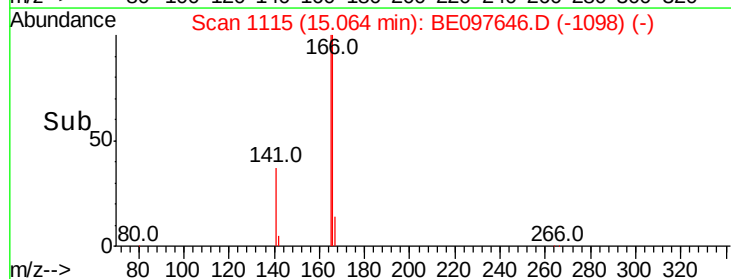
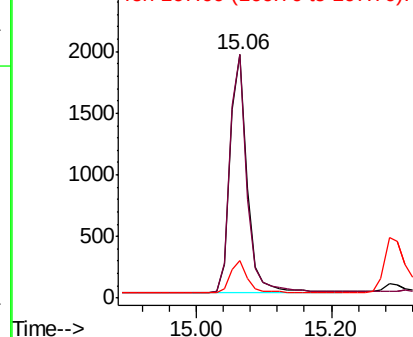
166 100

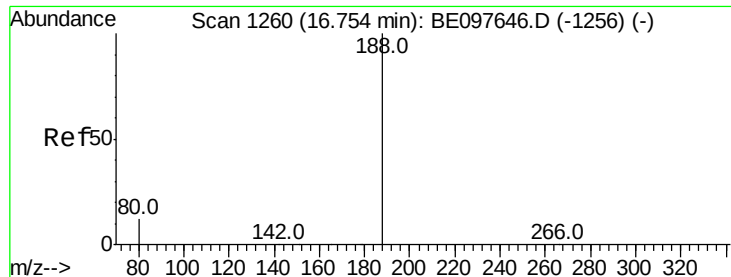
165 98.5 77.8 116.6

167 13.2 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

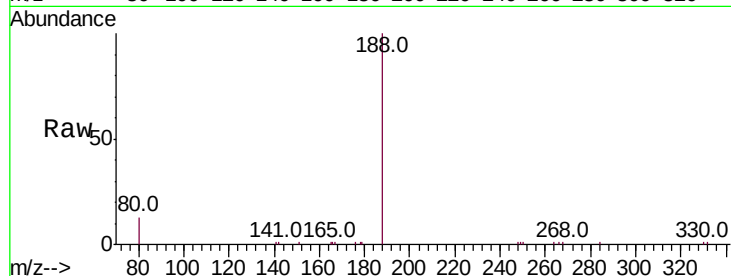
Tot Ion:188 Resp: 8008

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

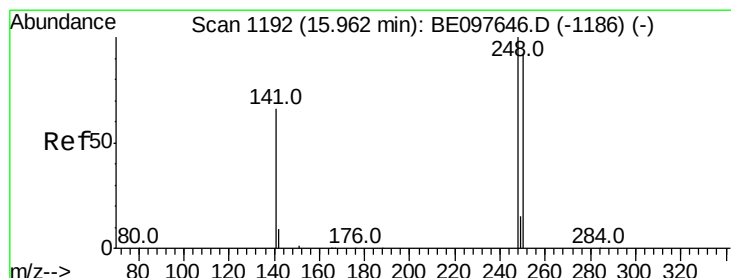
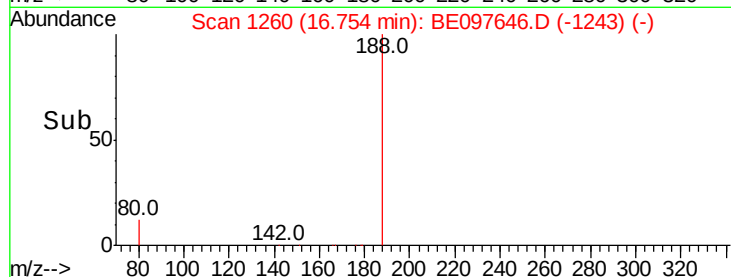
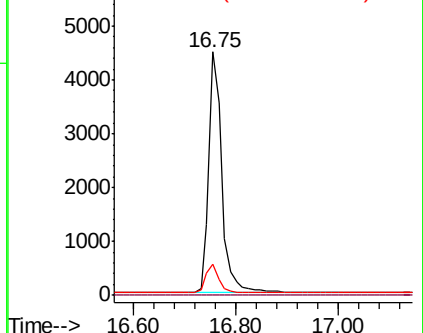
80 12.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.364 ng

RT: 15.96 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

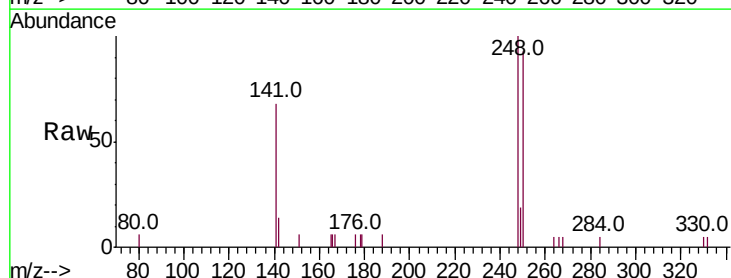
Tgt Ion:248 Resp: 1315

Ion Ratio Lower Upper

248 100

250 92.7 62.7 94.1

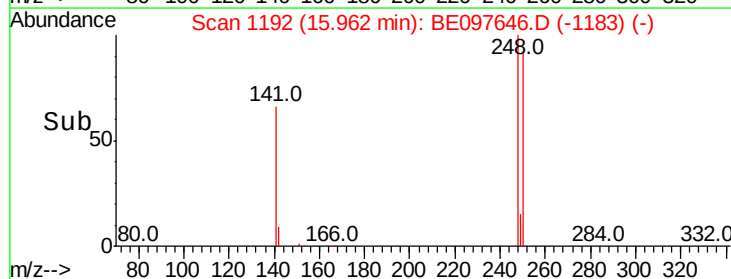
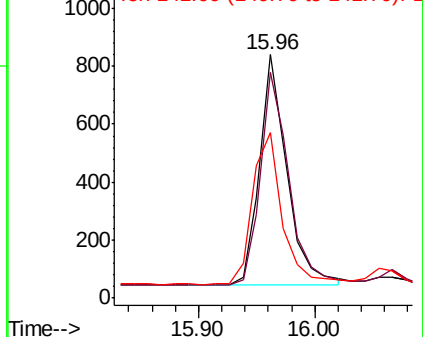
141 68.1 48.2 72.2

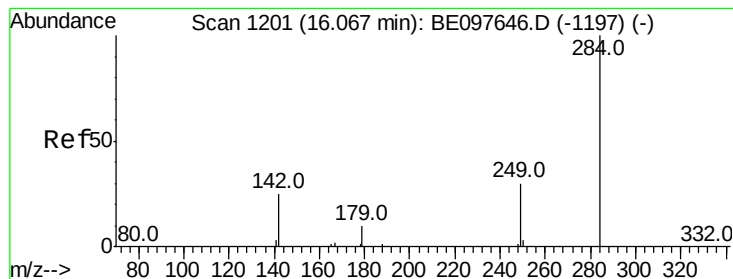


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

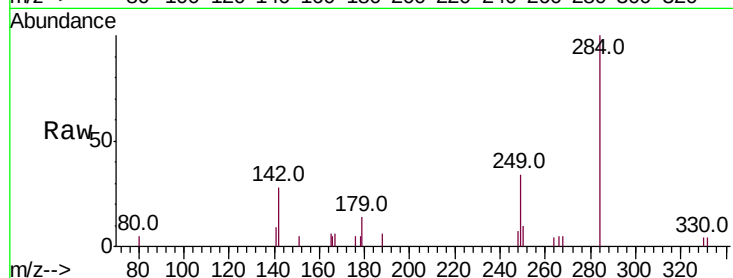
Tot Ion:284 Resp: 1525

Ion Ratio Lower Upper

284 100

142 30.9 22.1 33.1

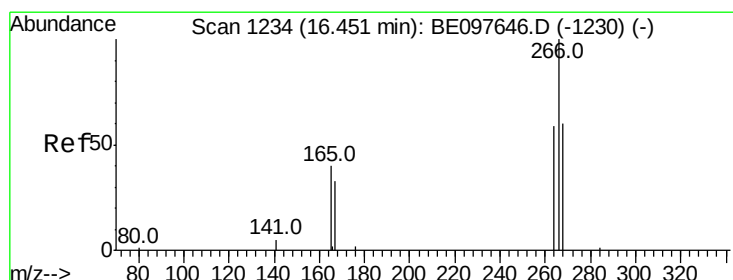
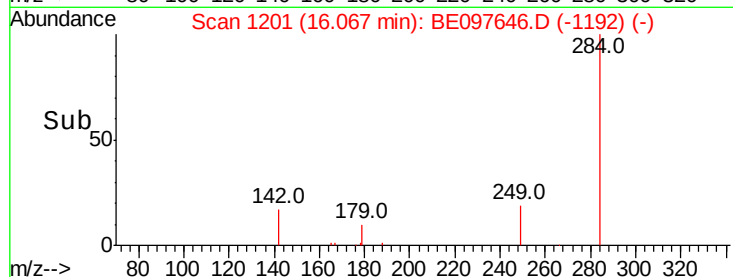
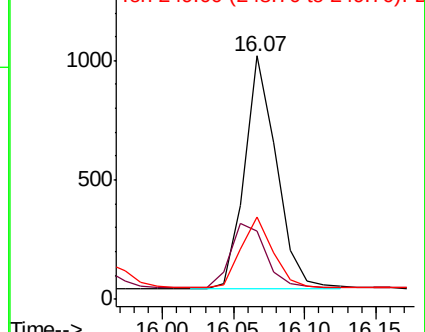
249 30.4 34.8 52.2#



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: 0.196 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

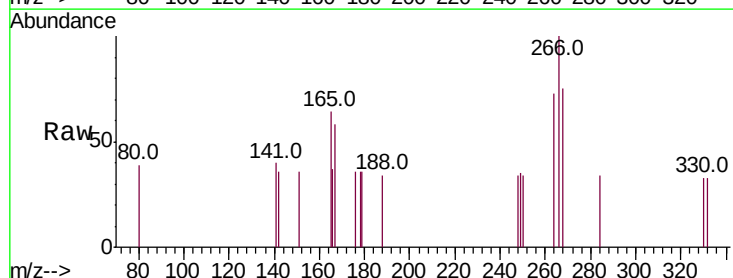
Tgt Ion:266 Resp: 272

Ion Ratio Lower Upper

266 100

264 72.7 72.5 108.7

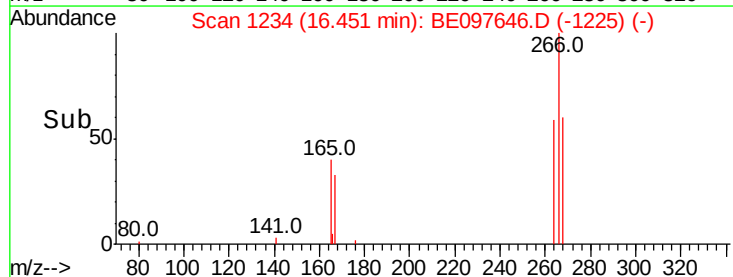
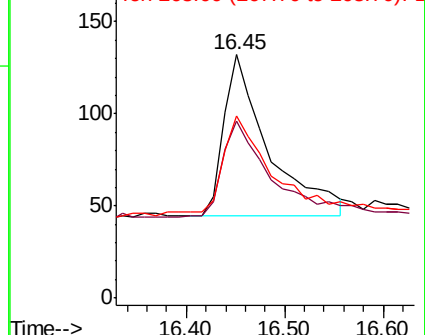
268 75.0 73.8 110.6

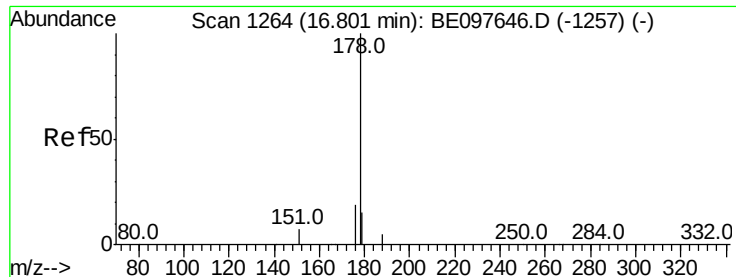


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.370 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

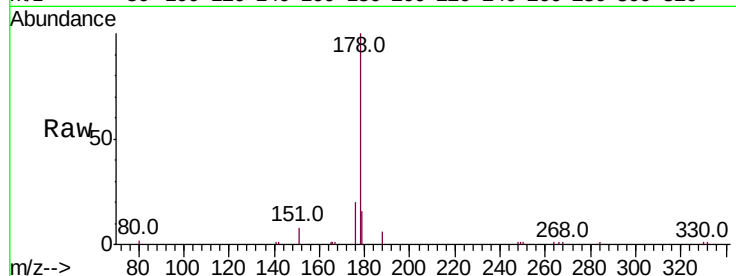
Tot Ion:178 Resp: 7031

Ion Ratio Lower Upper

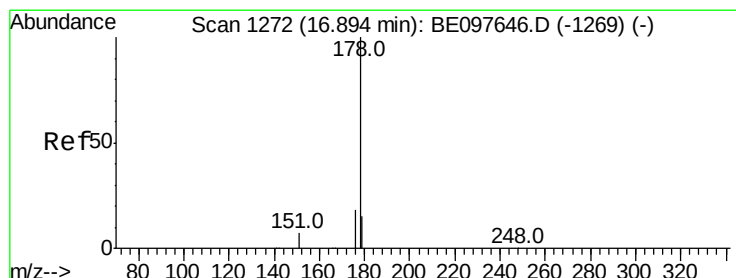
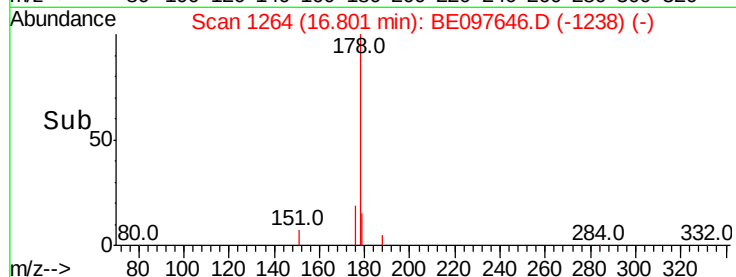
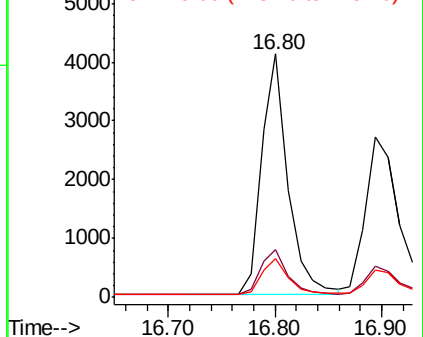
178 100

176 19.3 15.1 22.7

179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.334 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

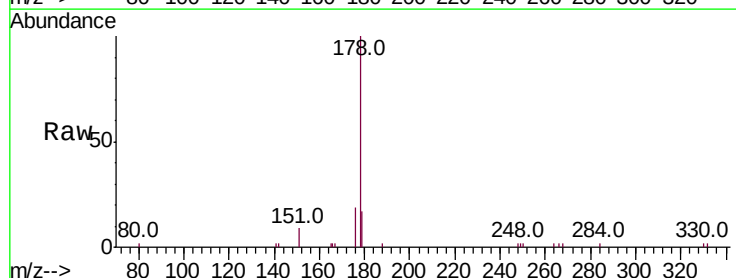
Tgt Ion:178 Resp: 5605

Ion Ratio Lower Upper

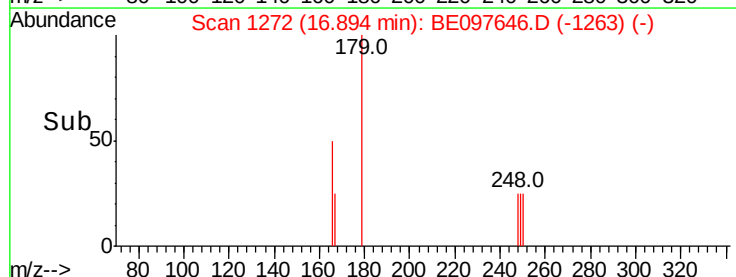
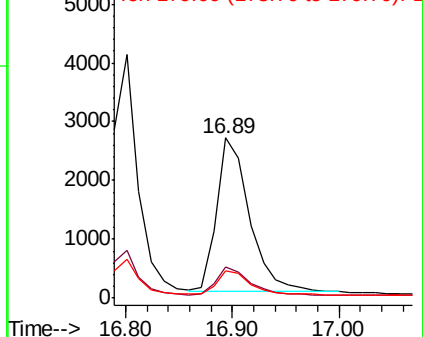
178 100

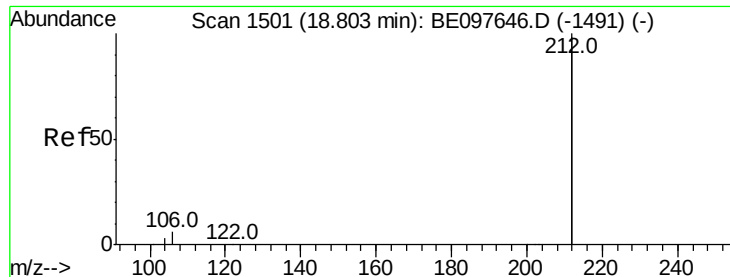
176 18.1 12.8 19.2

179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

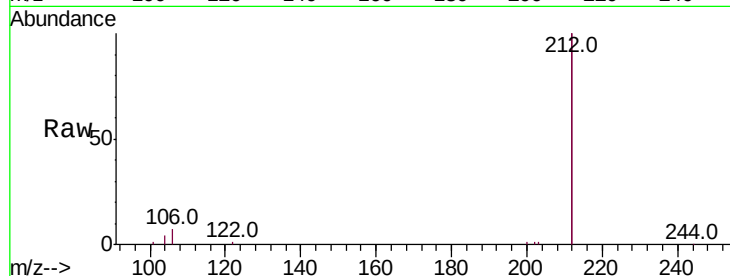
Tot Ion:212 Resp: 31298

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

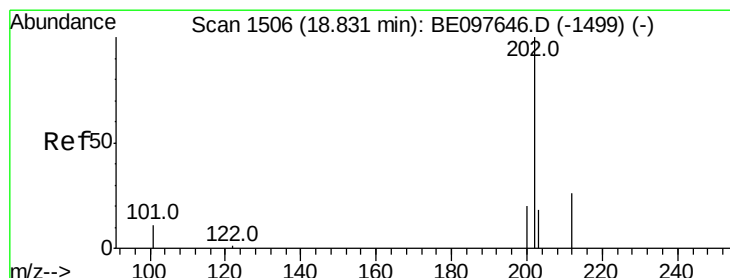
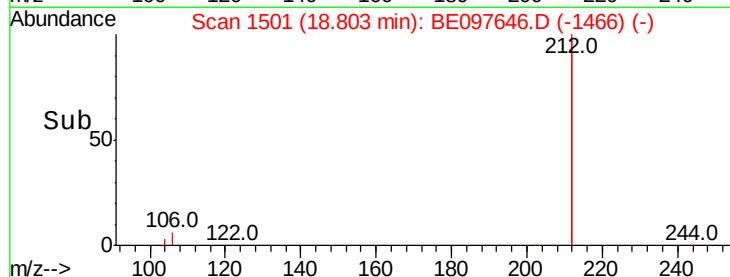
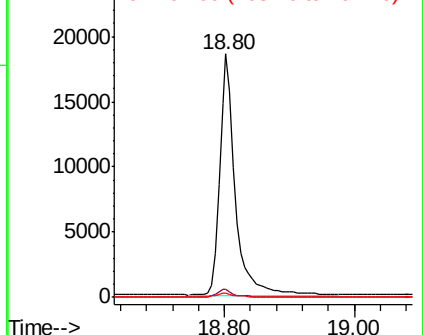
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.309 ng

RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

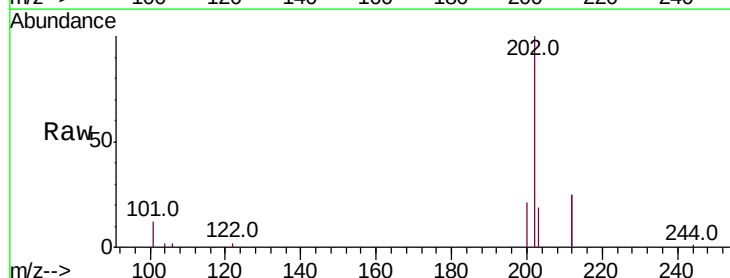
Tgt Ion:202 Resp: 8150

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

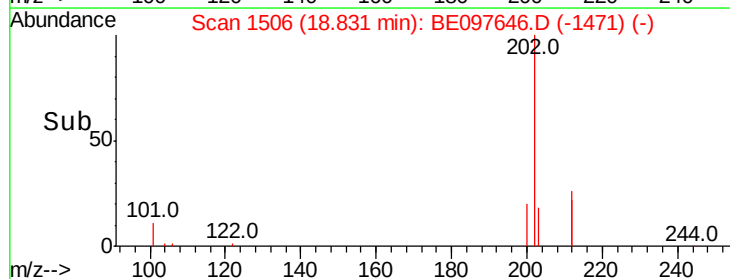
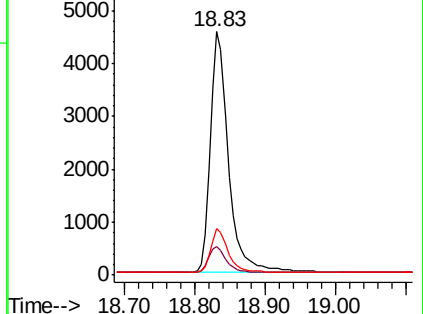
203 17.4 13.7 20.5

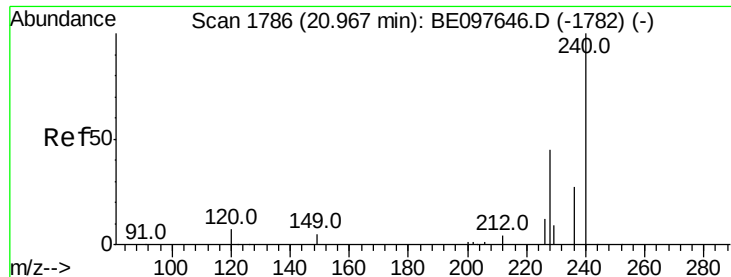


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

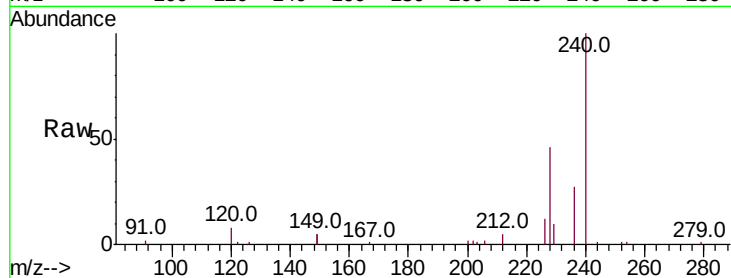
Tot Ion:240 Resp: 8539

Ion Ratio Lower Upper

240 100

120 8.0 5.5 8.3

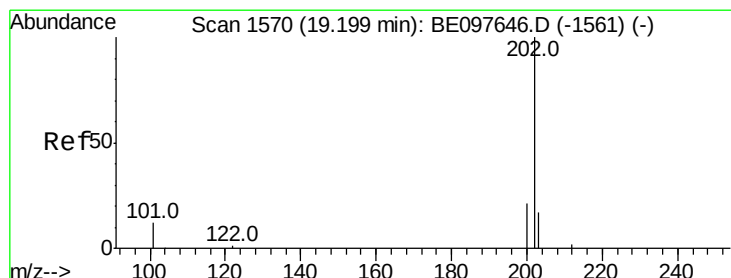
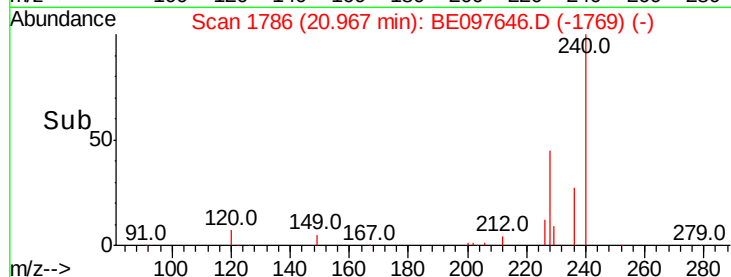
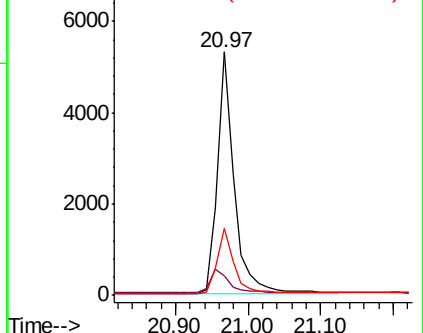
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.427 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

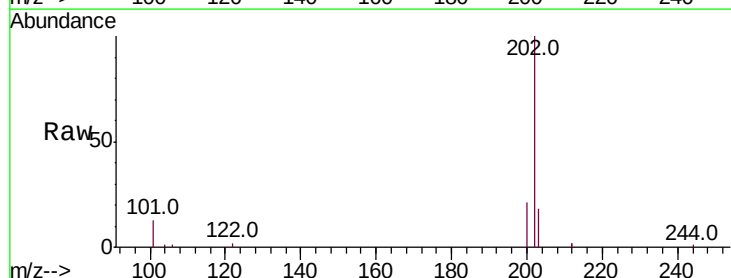
Tgt Ion:202 Resp: 8308

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

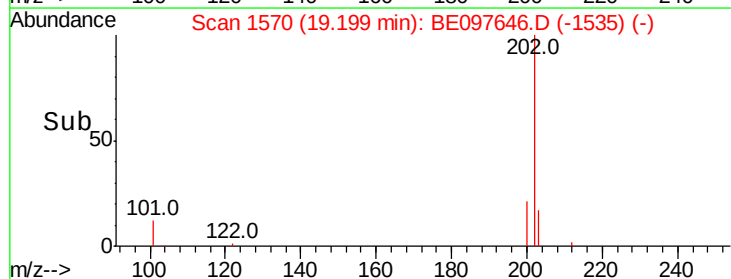
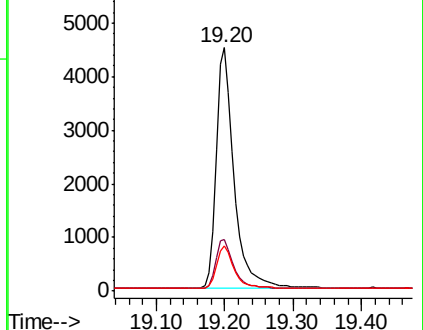
203 17.7 13.8 20.8

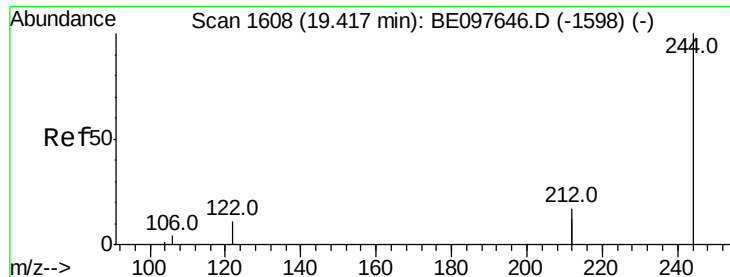


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

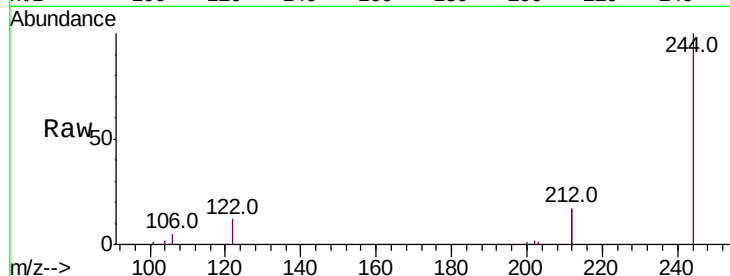
Tot Ion:244 Resp: 6153

Ion Ratio Lower Upper

244 100

212 34.4 25.4 38.0

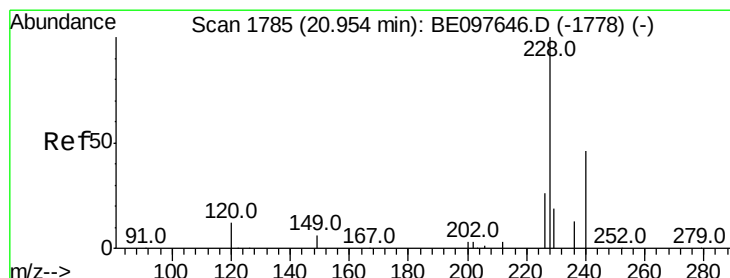
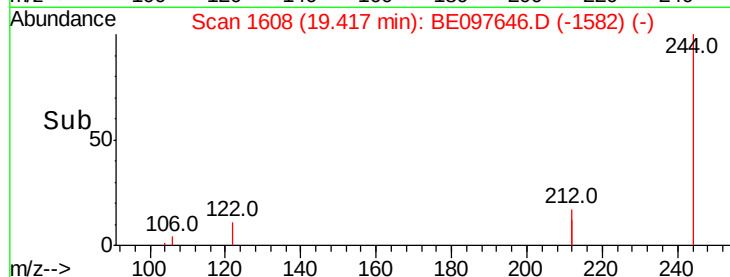
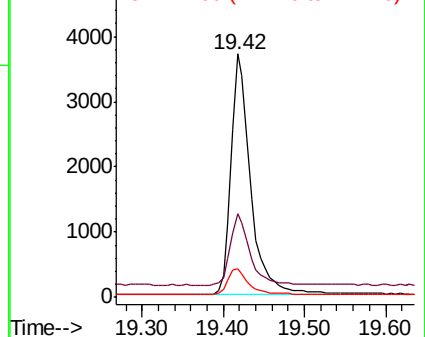
122 12.0 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.326 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

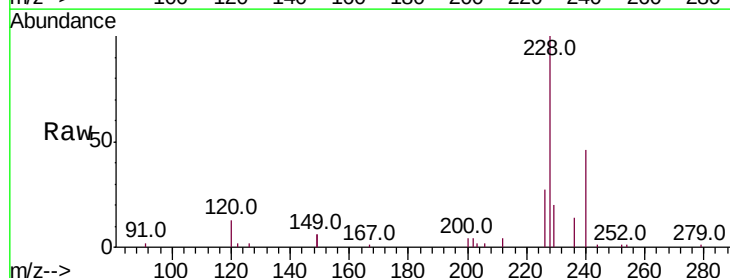
Tgt Ion:228 Resp: 7010

Ion Ratio Lower Upper

228 100

226 27.2 24.0 36.0

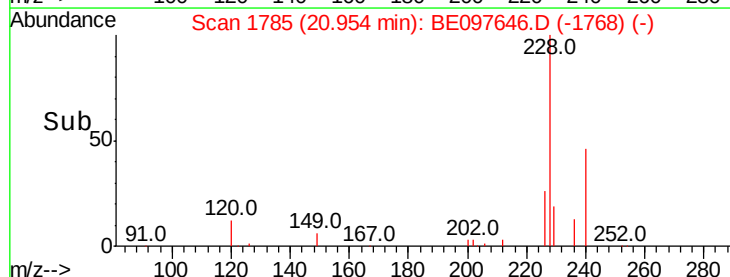
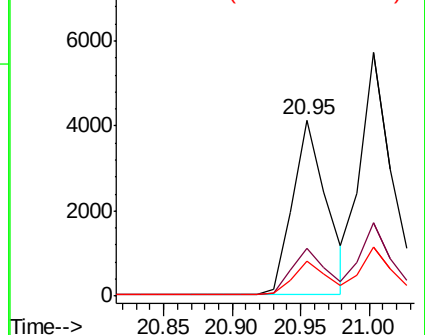
229 20.0 16.0 24.0

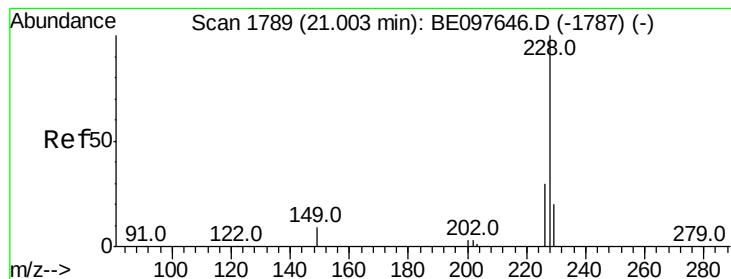


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

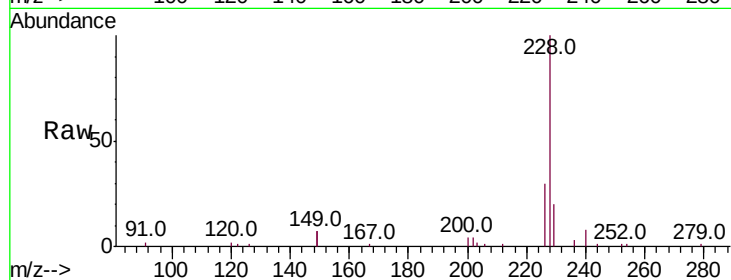
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 9177

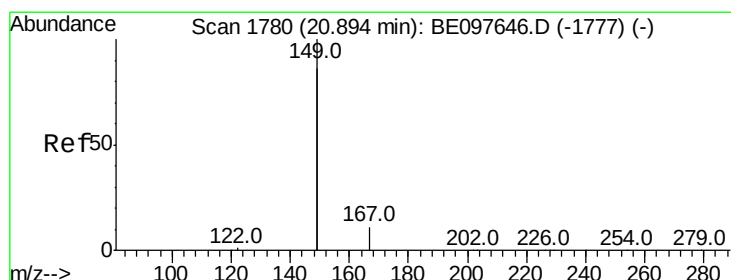
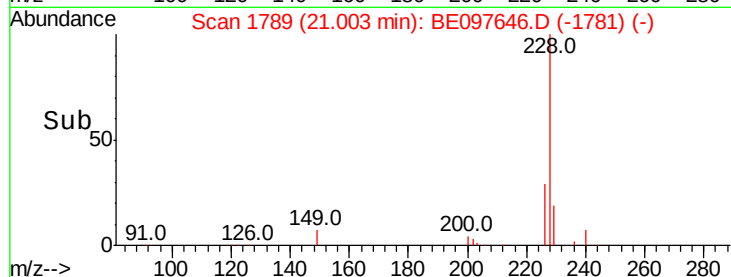
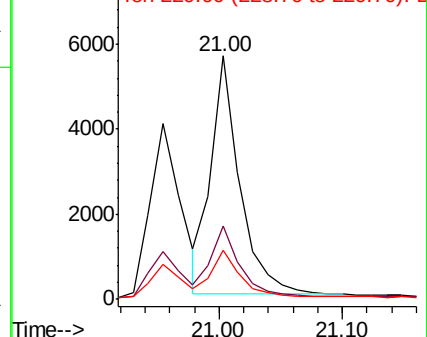
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.1	16.0	24.0



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: 0.189 ng

RT: 20.89 min Scan# 1780

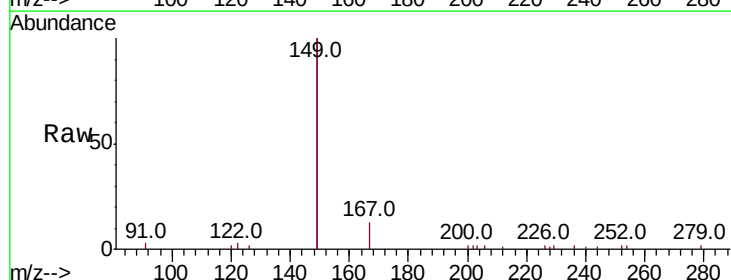
Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Tgt Ion:149 Resp: 8078

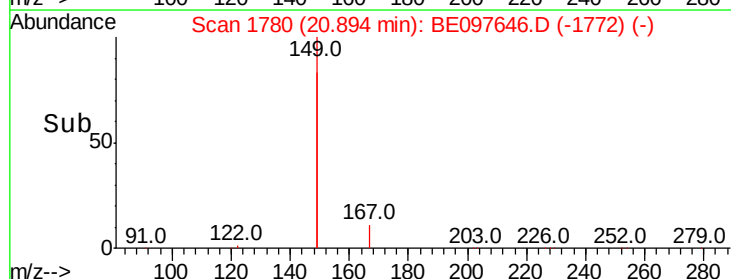
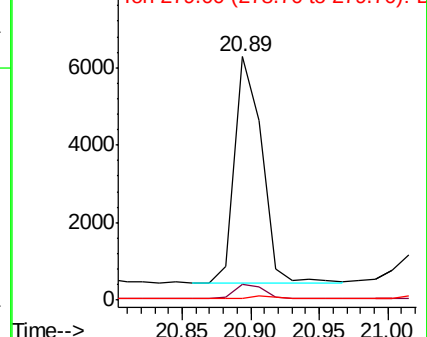
Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.1	0.7	1.1#

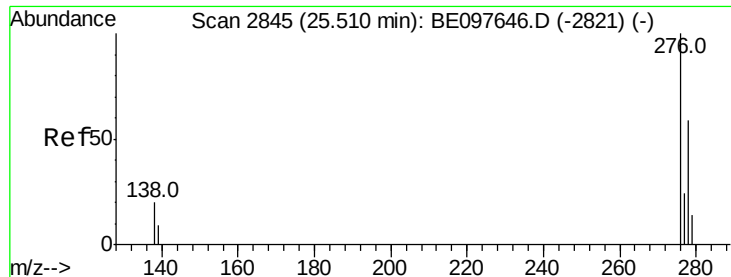


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.337 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

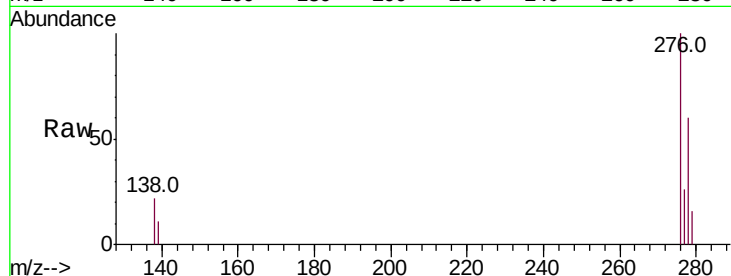
Tot Ion:276 Resp: 9365

Ion Ratio Lower Upper

276 100

138 20.8 22.5 33.7#

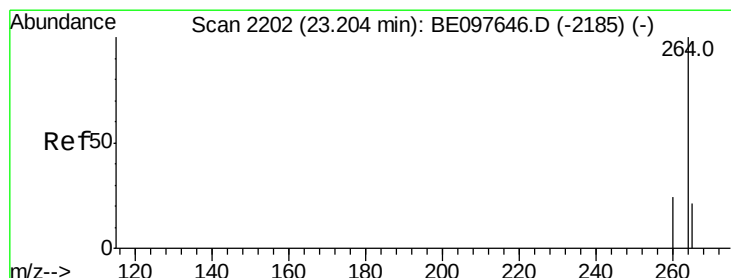
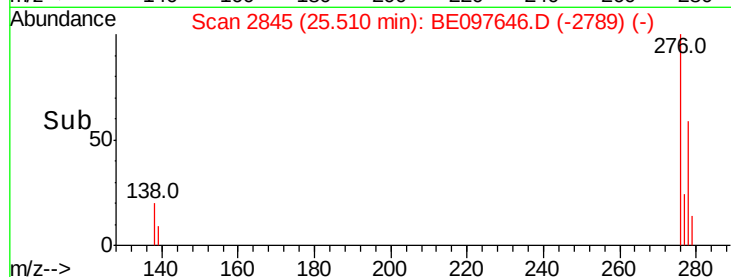
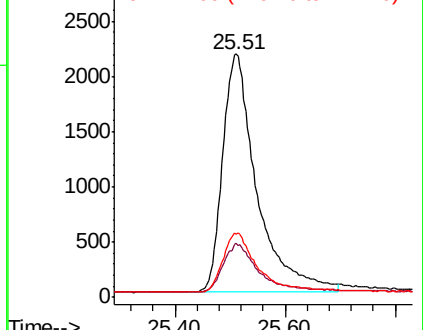
277 24.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

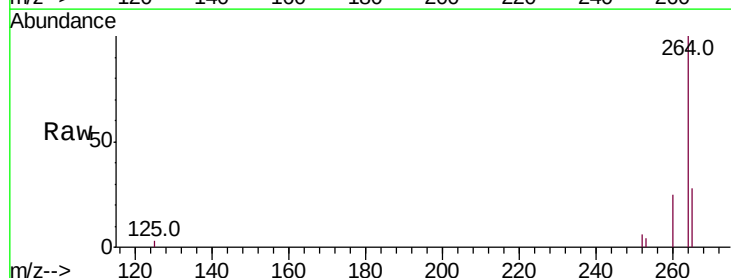
Tgt Ion:264 Resp: 7901

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

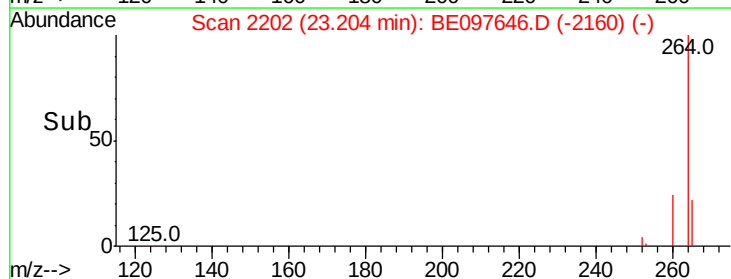
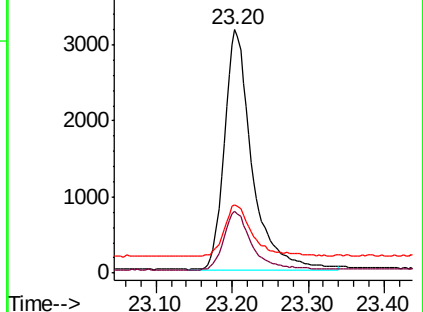
265 28.1 22.8 34.2

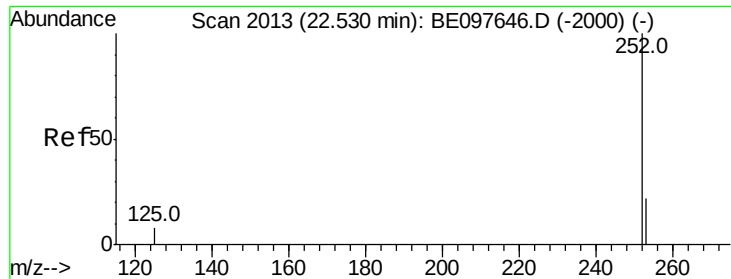


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.370 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

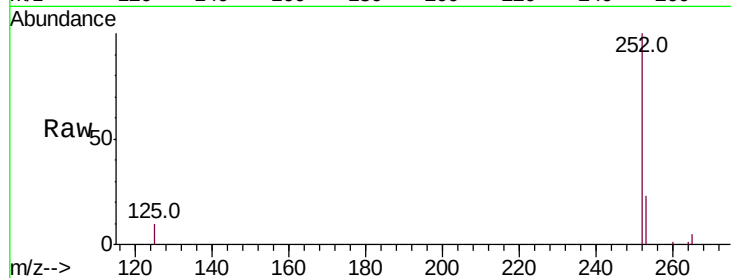
Tot Ion:252 Resp: 7497

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

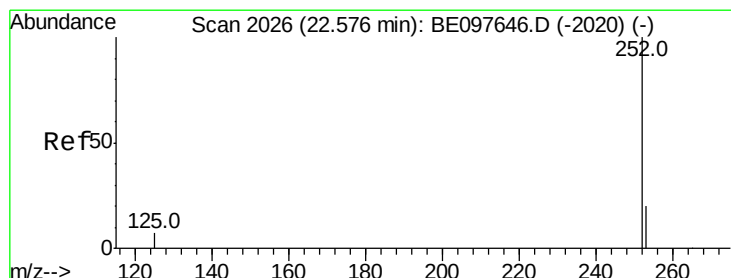
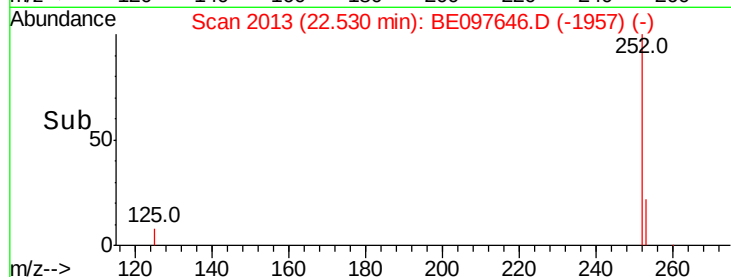
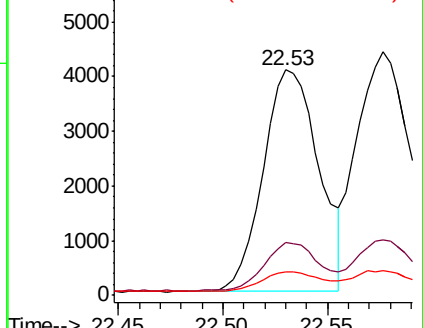
125 10.2 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.385 ng

RT: 22.58 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

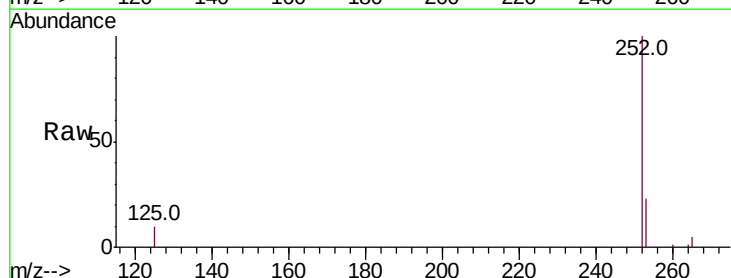
Tgt Ion:252 Resp: 8903

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

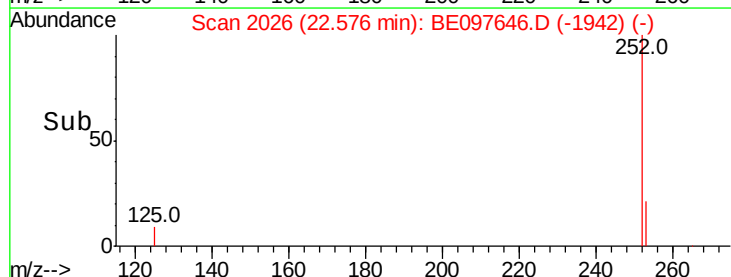
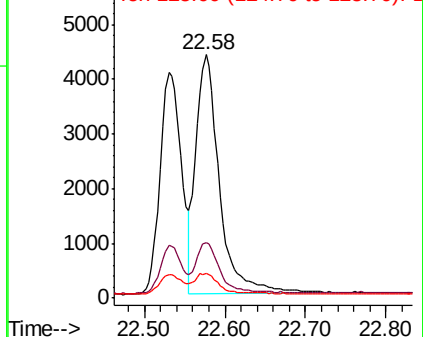
125 10.2 8.0 12.0

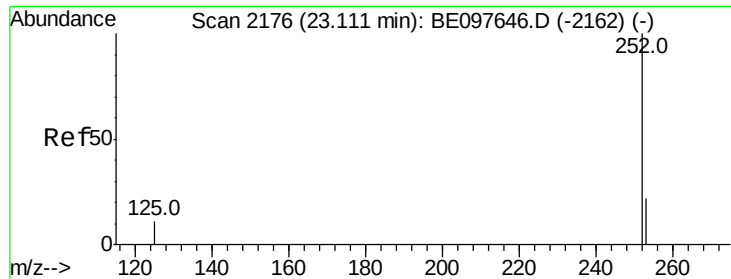


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

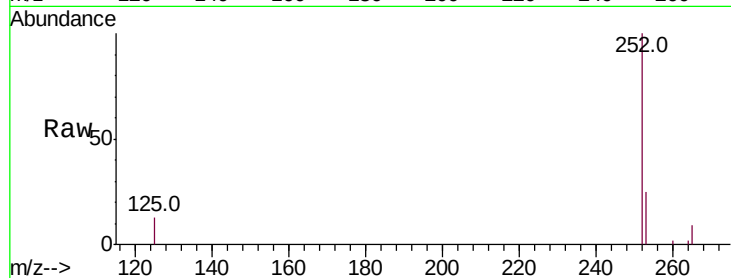
Tot Ion:252 Resp: 7201

Ion Ratio Lower Upper

252 100

253 25.1 16.0 24.0#

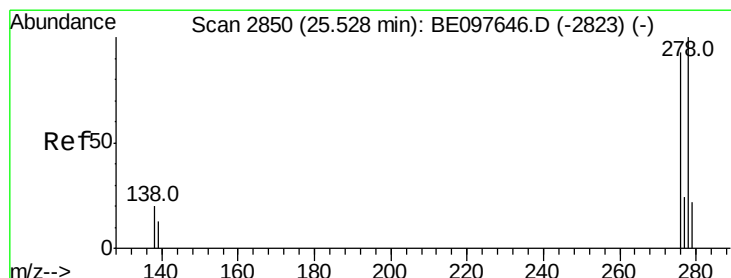
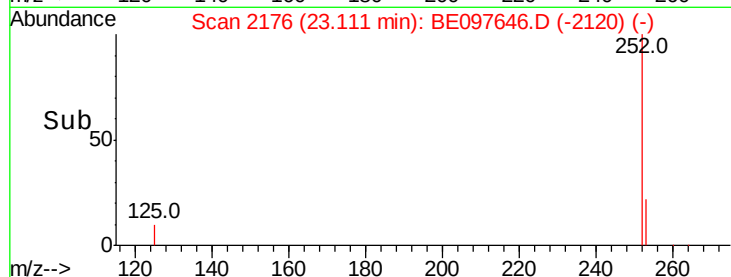
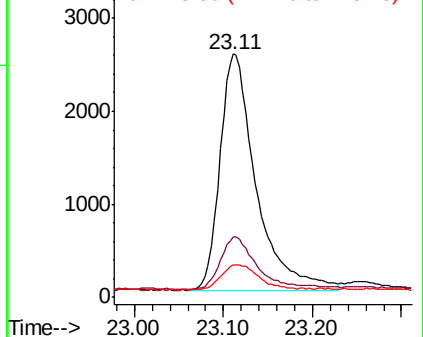
125 13.2 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.352 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

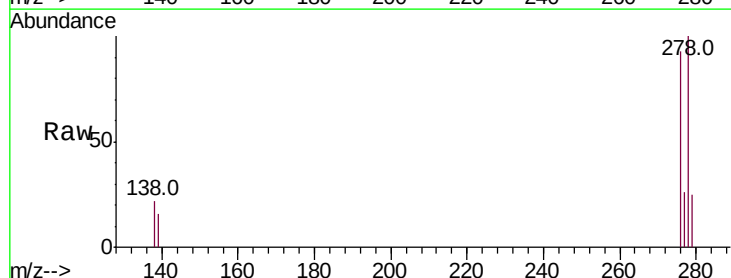
Tgt Ion:278 Resp: 7476

Ion Ratio Lower Upper

278 100

139 15.6 16.0 24.0#

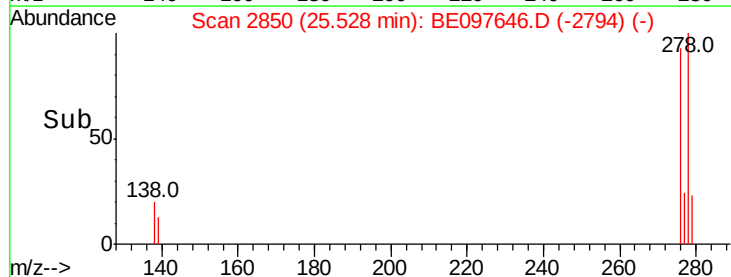
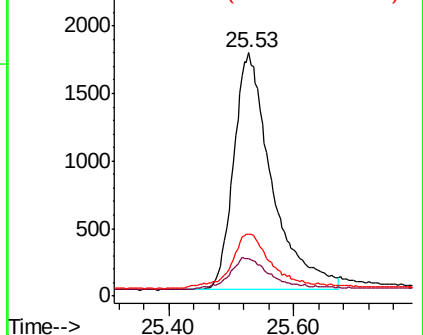
279 25.4 20.0 30.0

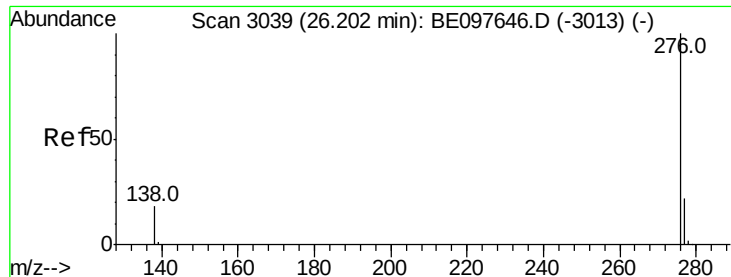


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 26.20 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE097646.D

Acq: 24 Sep 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

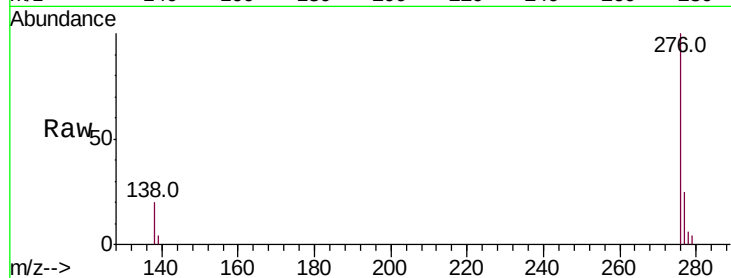
Tot Ion:276 Resp: 7679

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 20.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

