

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097692.D
 Acq On : 27 Sep 2018 13:06
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 27 14:16:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 27 14:15:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	911	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4145	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2298	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6130	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7502	0.40	ng	0.00
34) Perylene-d12	23.20	264	6945	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	838	0.35	ng	0.00
5) Phenol-d6	6.62	99	965	0.29	ng	0.00
8) Nitrobenzene-d5	8.54	82	1147	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2442	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	307	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3660	0.49	ng	0.00
25) Fluoranthene-d10	18.80	212	28149	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	6229	0.42	ng	0.00

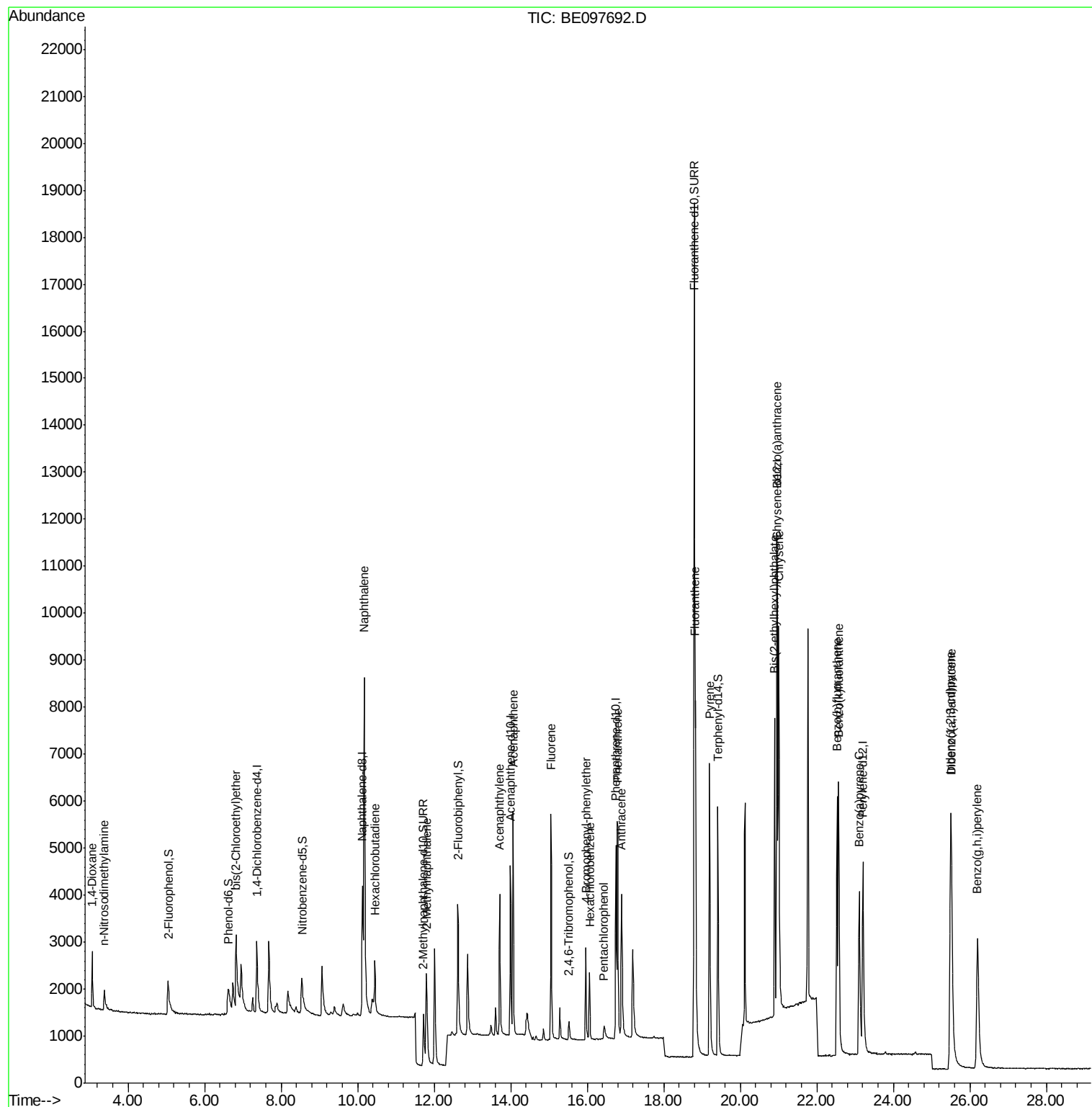
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	703	0.431	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	432	0.451	ng	96
6) bis(2-Chloroethyl)ether	6.83	93	1148	0.419	ng	75
9) Naphthalene	10.17	128	15880	0.422	ng	99
10) Hexachlorobutadiene	10.44	225	730	0.426	ng	98
12) 2-Methylnaphthalene	11.80	142	2390	0.401	ng	96
16) Acenaphthylene	13.71	152	3634	0.393	ng	100
17) Acenaphthene	14.06	154	2581	0.428	ng	96
18) Fluorene	15.05	166	3259	0.384	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1201	0.442	ng	# 80
21) Hexachlorobenzene	16.07	284	1335	0.426	ng	# 82
22) Pentachlorophenol	16.44	266	314	0.421	ng	# 83
23) Phenanthrene	16.80	178	6086	0.420	ng	99
24) Anthracene	16.89	178	4814	0.400	ng	96
26) Fluoranthene	18.83	202	7474	0.430	ng	98
28) Pyrene	19.20	202	7589	0.388	ng	99
30) Benzo(a)anthracene	20.95	228	6981	0.394	ng	96
31) Chrysene	21.00	228	9021	0.435	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	8092	0.400	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.49	276	9355	0.428	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7521	0.424	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	8996	0.428	ng	94
37) Benzo(a)pyrene	23.11	252	7153	0.408	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	7778	0.422	ng	# 96
39) Benzo(g,h,i)perylene	26.20	276	7997	0.436	ng	# 90

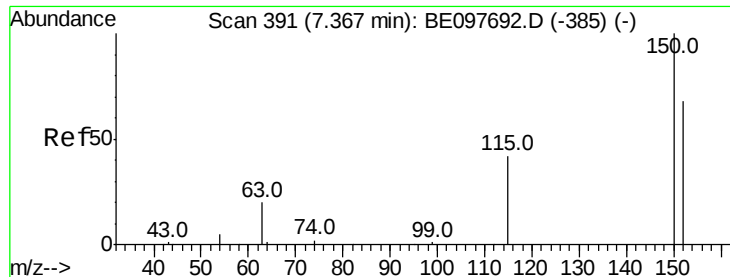
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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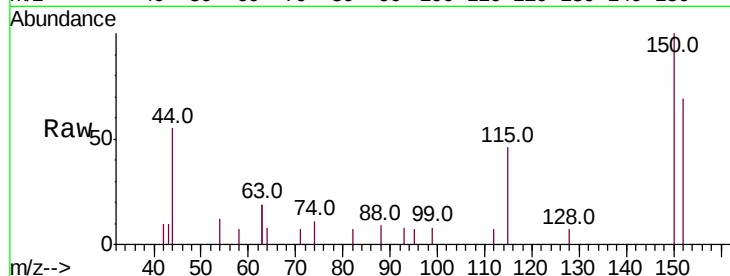


#1

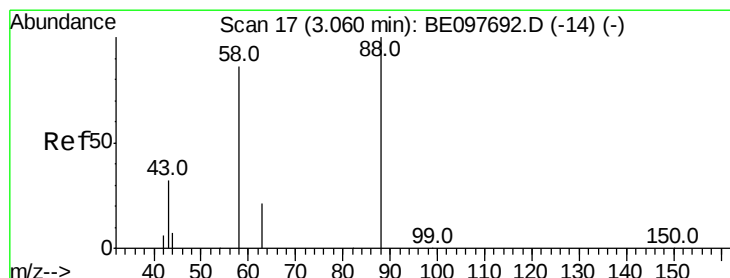
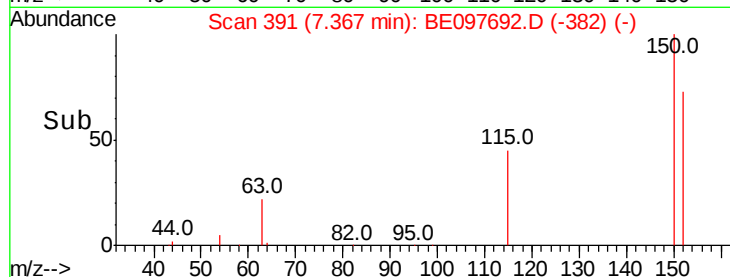
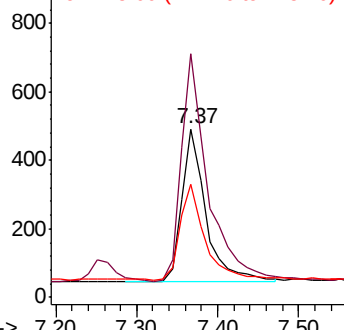
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.37 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: BE097692.D
 Acq: 27 Sep 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:152 Resp: 911
 Ion Ratio Lower Upper
 152 100
 150 144.8 117.2 175.8
 115 67.2 57.0 85.6



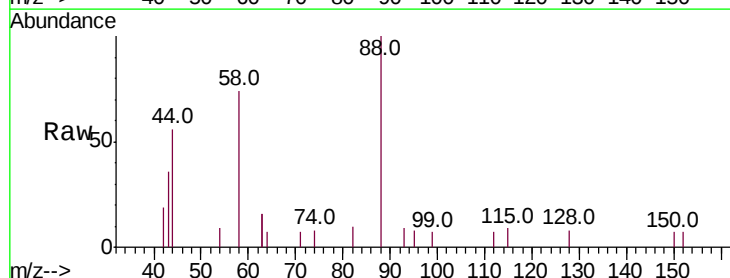
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



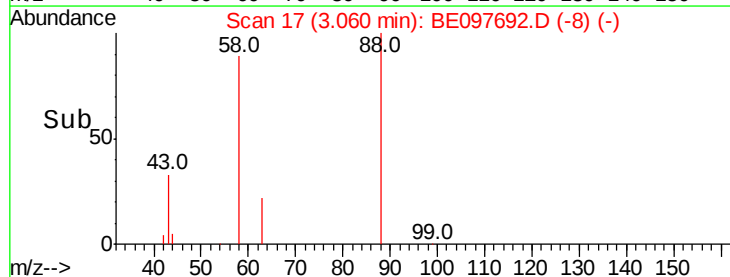
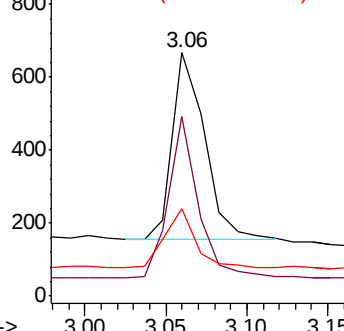
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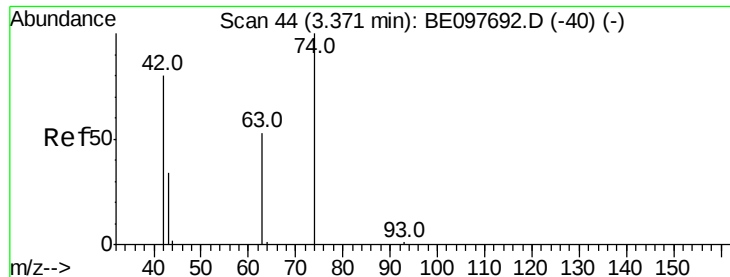
1,4-Dioxane
 Concen: 0.431 ng
 RT: 3.06 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: BE097692.D
 Acq: 27 Sep 2018 13:06

Tgt Ion: 88 Resp: 703
 Ion Ratio Lower Upper
 88 100
 58 80.7 63.2 94.8
 43 30.4 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



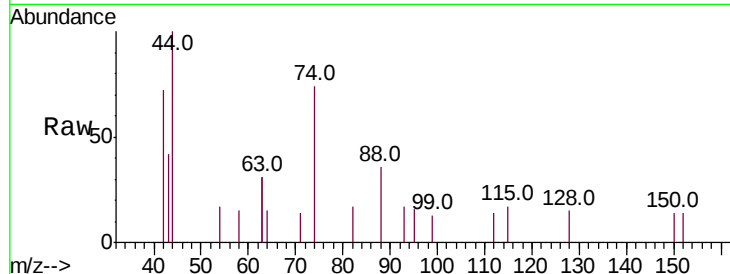


#3

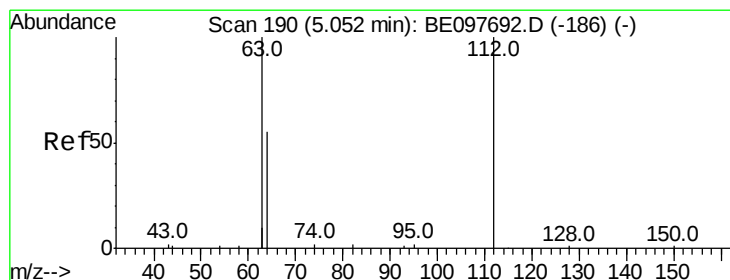
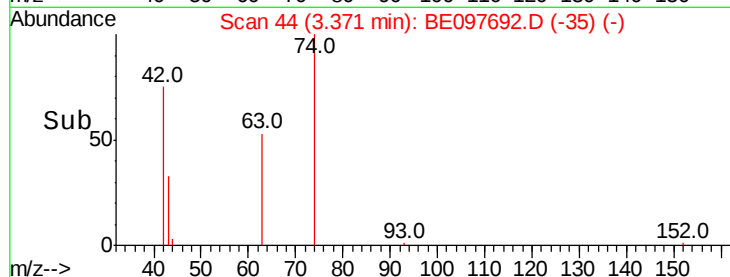
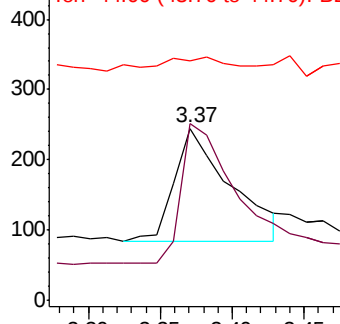
n-Nitrosodimethylamine
 Concen: 0.451 ng
 RT: 3.37 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE097692.D
 Acq: 27 Sep 2018 13:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 432
 Ion Ratio Lower Upper
 42 100
 74 124.1 96.0 144.0
 44 13.7 12.0 18.0



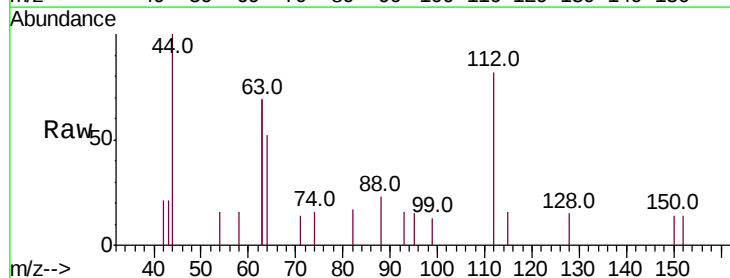
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



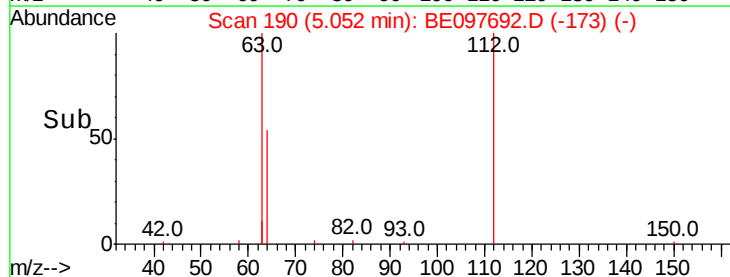
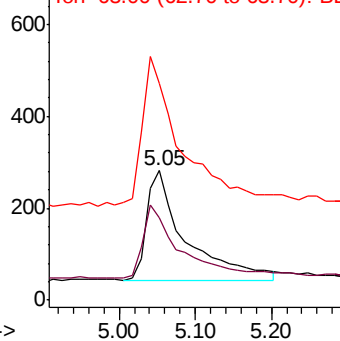
#4

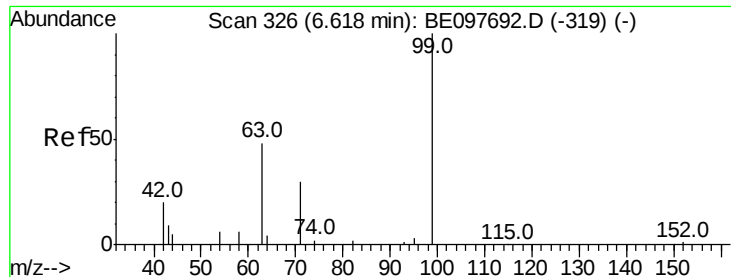
2-Fluorophenol
 Concen: 0.349 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097692.D
 Acq: 27 Sep 2018 13:06

Tgt Ion: 112 Resp: 838
 Ion Ratio Lower Upper
 112 100
 64 67.1 60.1 90.1
 63 141.2 116.8 175.2



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





#5

Phenol-d6

Concen: 0.285 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

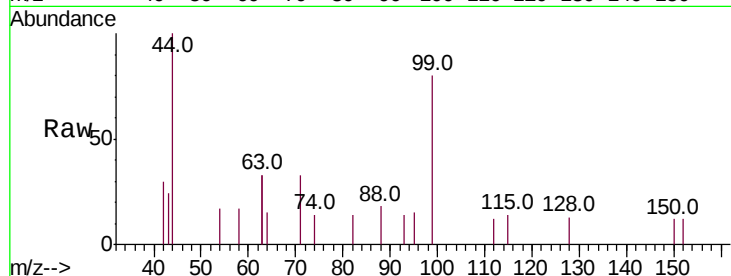
Tot Ion: 99 Resp: 965

Ion Ratio Lower Upper

99 100

42 25.1 20.2 30.2

71 33.9 28.4 42.6



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

6.62

300

200

100

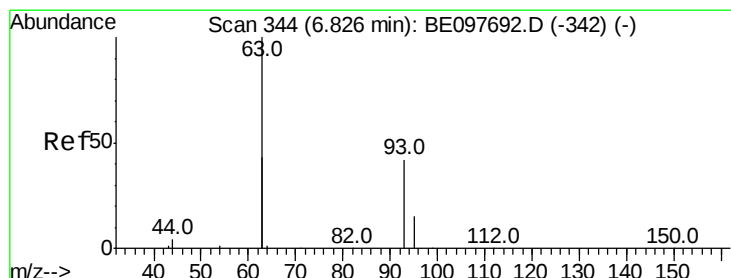
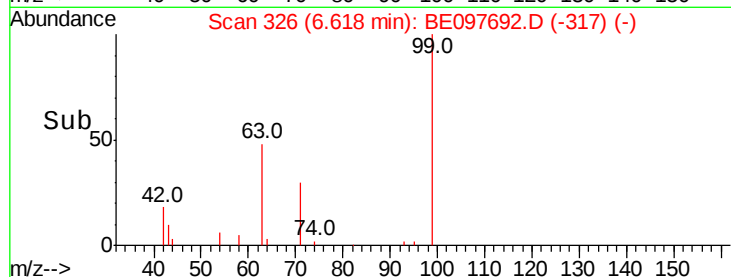
0

6.50

6.60

6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.419 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

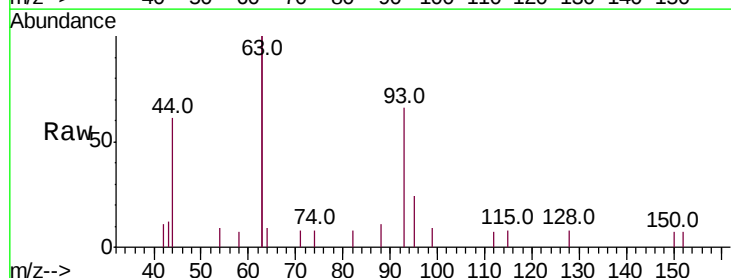
Tgt Ion: 93 Resp: 1148

Ion Ratio Lower Upper

93 100

63 285.9 275.3 412.9

95 30.8 25.2 37.8



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

1500

1000

500

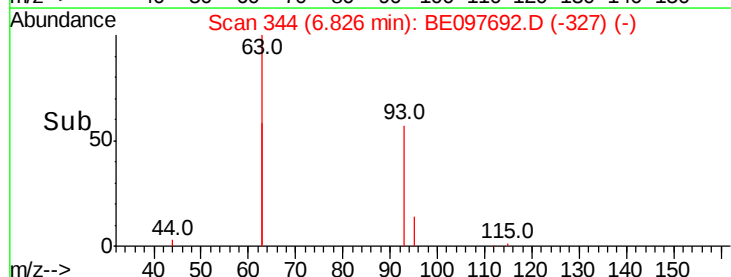
0

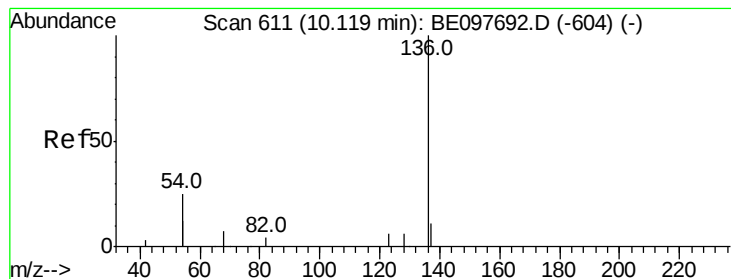
6.80

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 4145

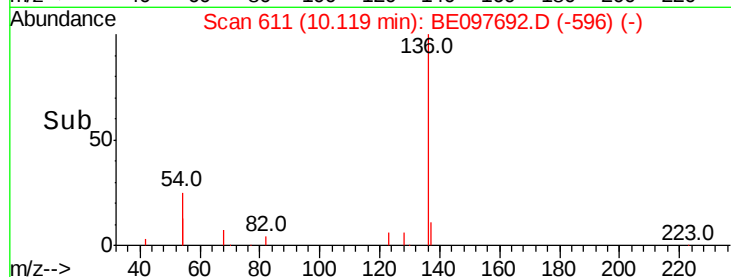
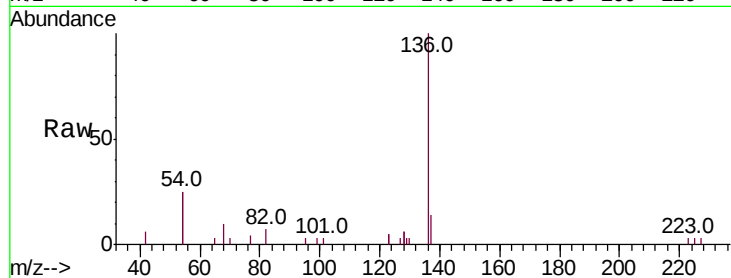
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 49.3 29.1 43.7#

68 9.9 6.2 9.2#

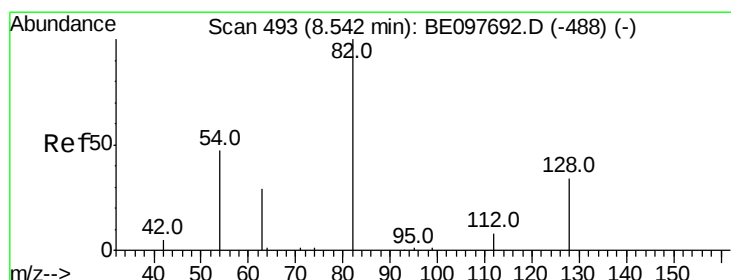
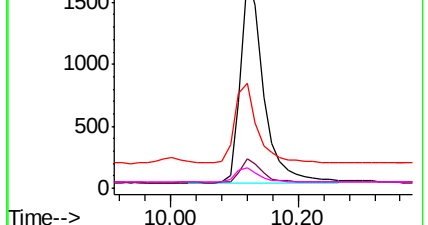


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.477 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

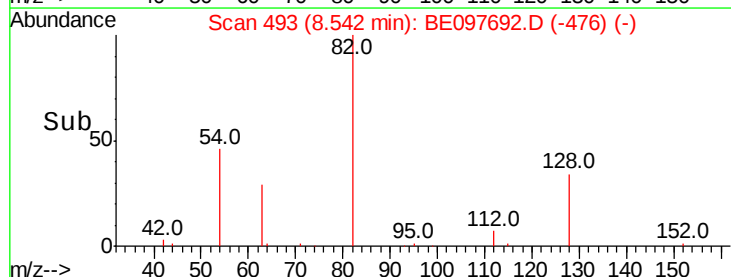
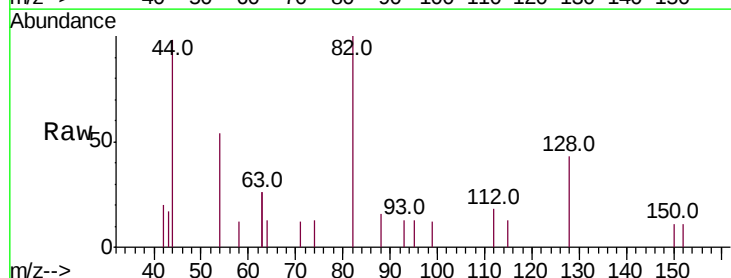
Tgt Ion: 82 Resp: 1147

Ion Ratio Lower Upper

82 100

128 42.6 24.0 36.0#

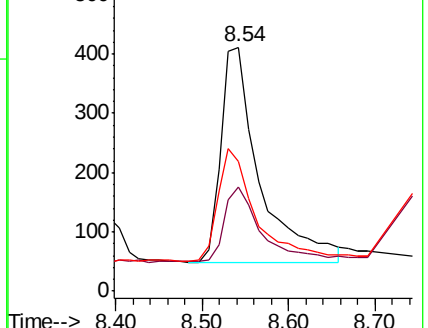
54 53.5 40.0 60.0

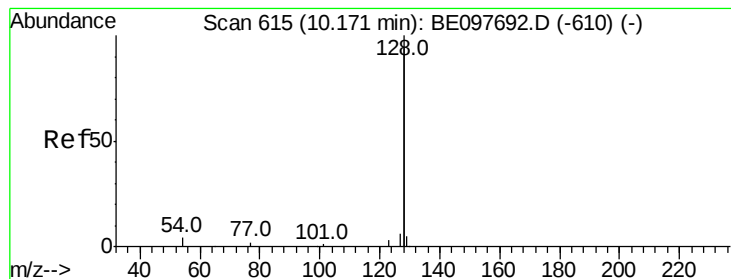


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.422 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

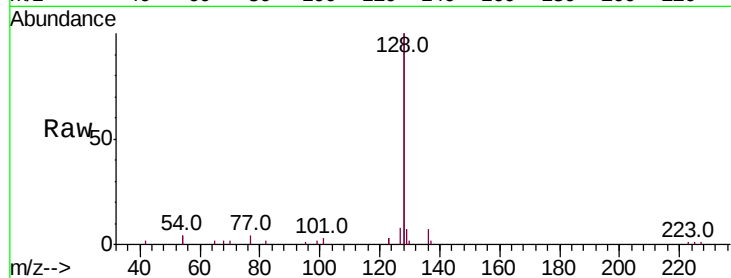
Tot Ion:128 Resp: 15880

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

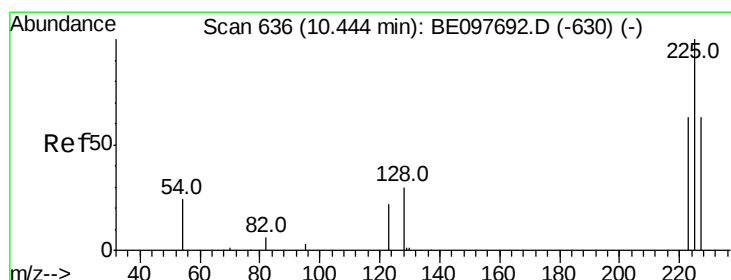
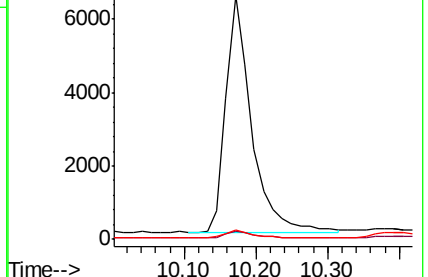
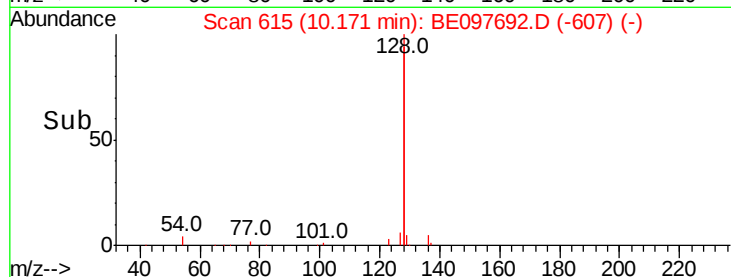
127 3.9 2.8 4.2



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: 0.426 ng

RT: 10.44 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

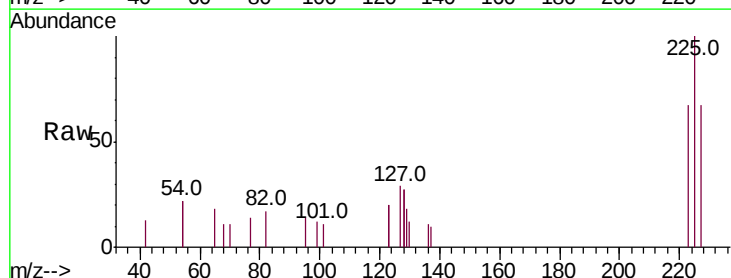
Tgt Ion:225 Resp: 730

Ion Ratio Lower Upper

225 100

223 64.2 53.0 79.6

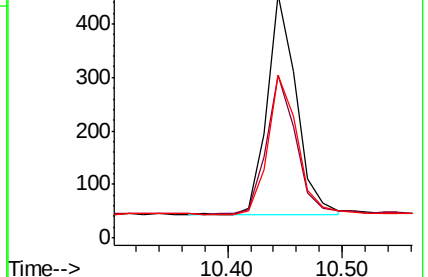
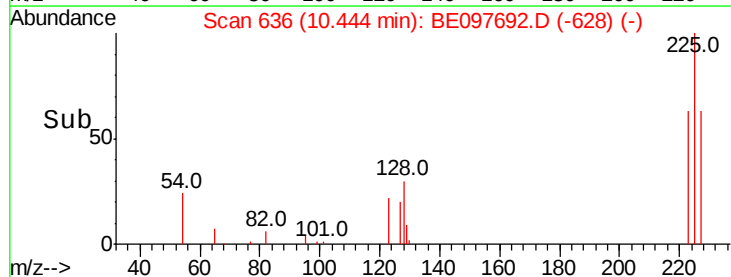
227 64.0 51.4 77.2

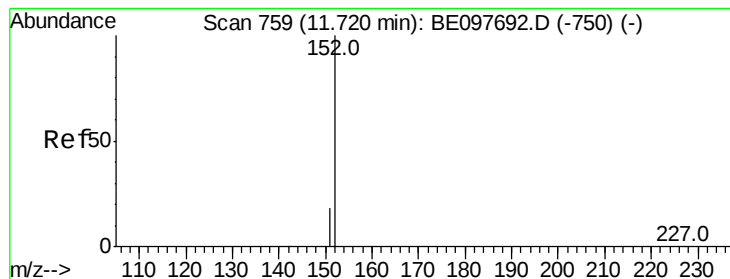


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

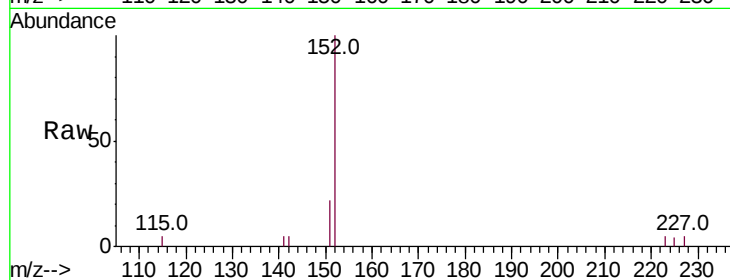
SSTDICCC0.4

Tot Ion:152 Resp: 2442

Ion Ratio Lower Upper

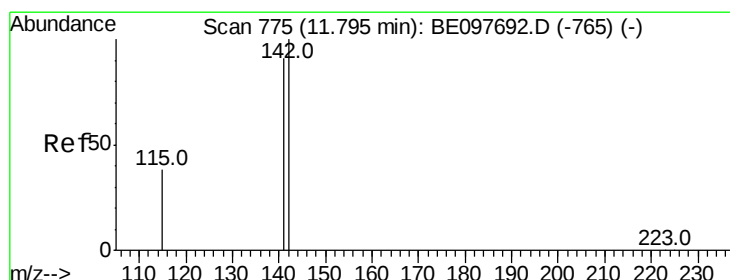
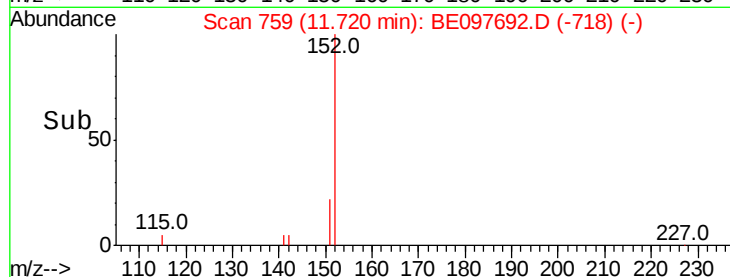
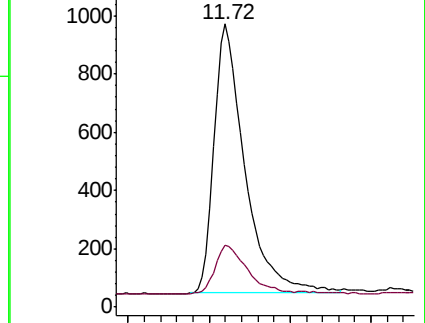
152 100

151 17.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

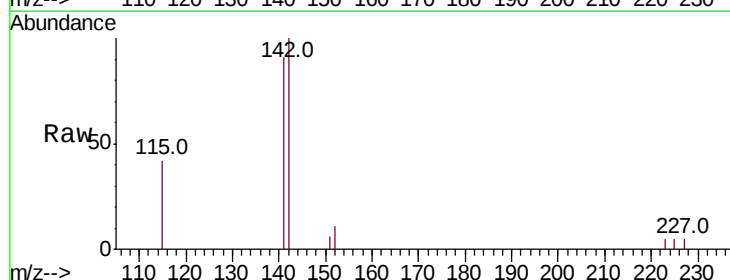
Tgt Ion:142 Resp: 2390

Ion Ratio Lower Upper

142 100

141 91.4 70.4 105.6

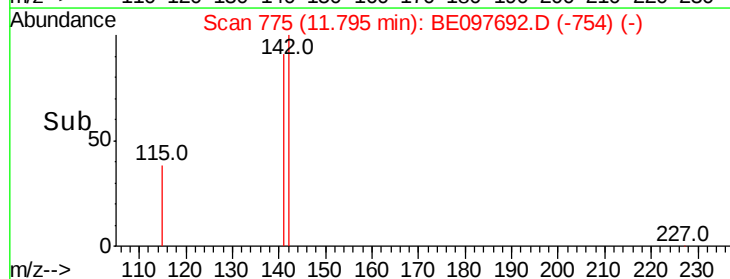
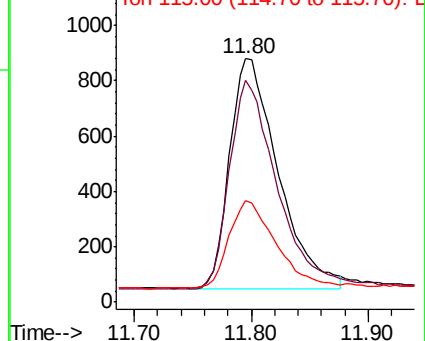
115 41.9 31.7 47.5

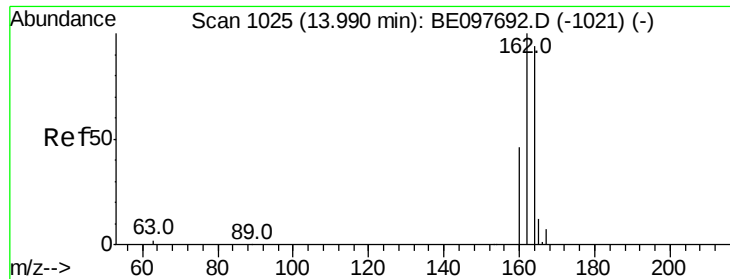


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

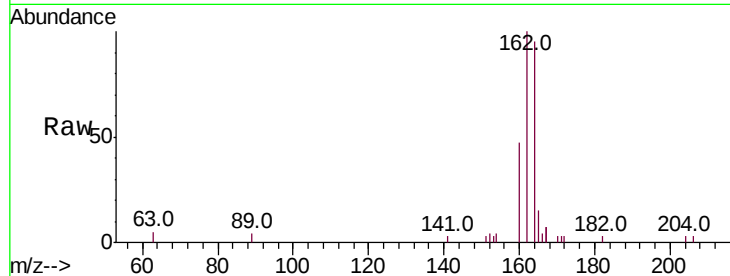




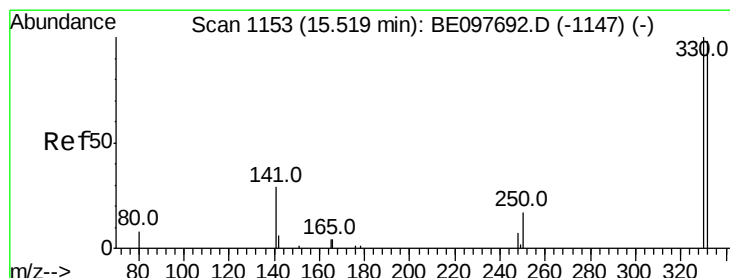
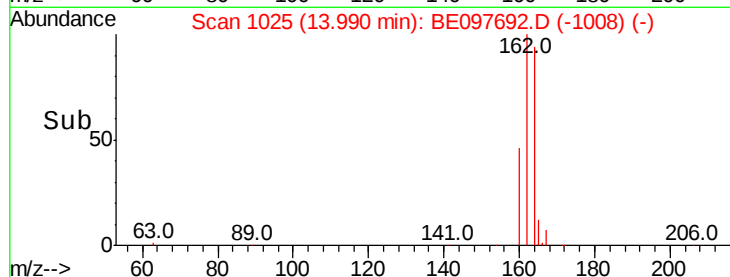
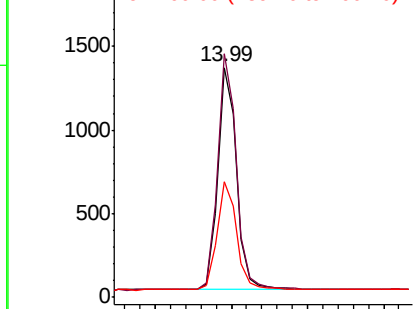
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 2298
Ion Ratio Lower Upper
164 100
162 105.8 83.1 124.7
160 50.2 37.1 55.7

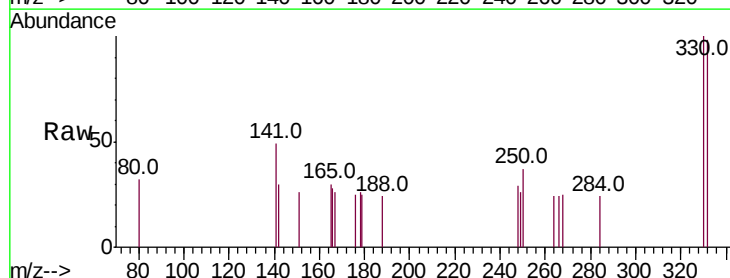


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

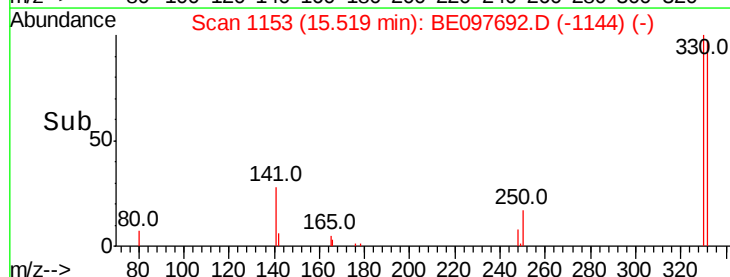
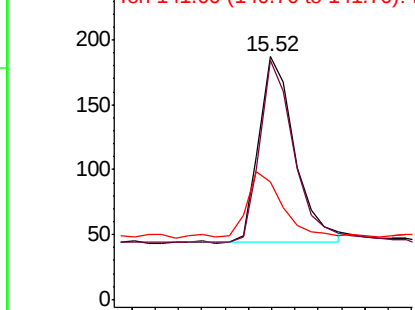


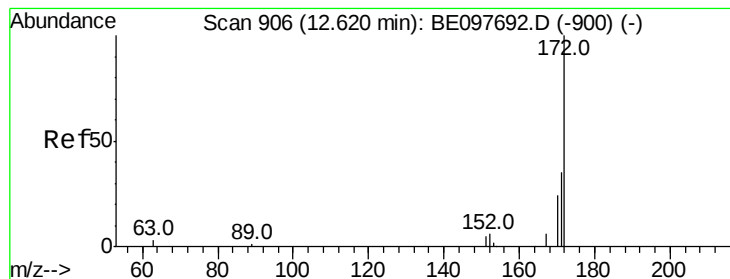
#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:330 Resp: 307
Ion Ratio Lower Upper
330 100
332 94.1 152.7 229.1#
141 37.8 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
250 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.488 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

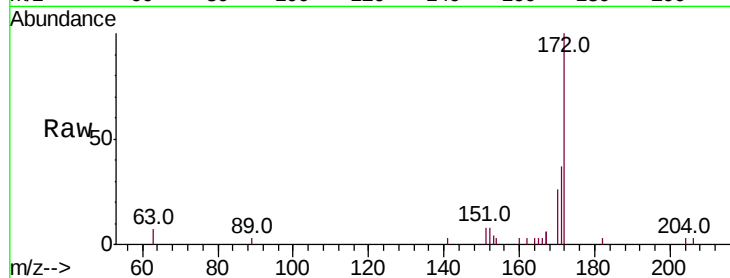
Tot Ion:172 Resp: 3660

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

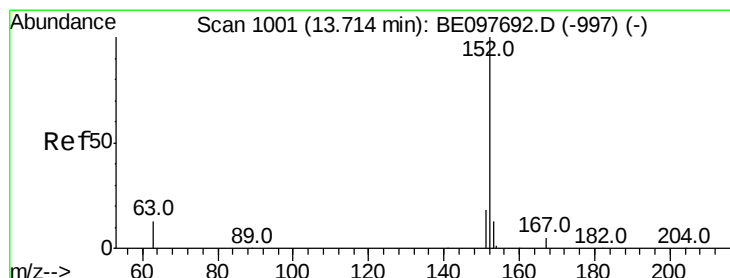
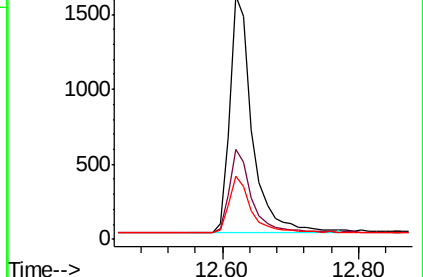
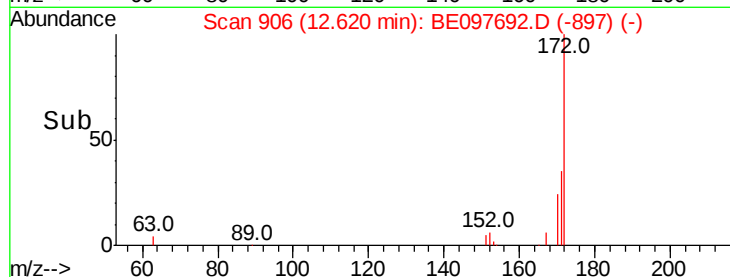
170 25.8 21.8 32.8



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: 0.393 ng

RT: 13.71 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

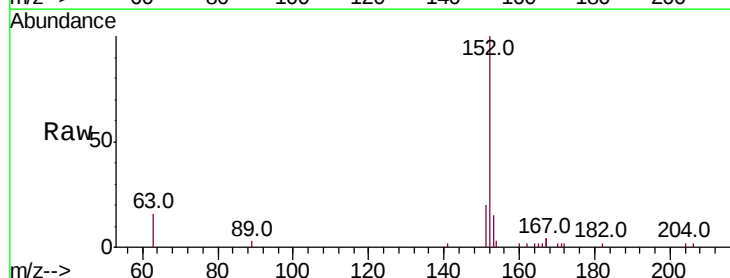
Tgt Ion:152 Resp: 3634

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

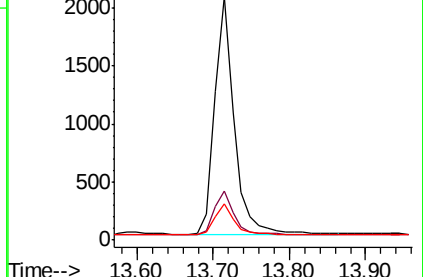
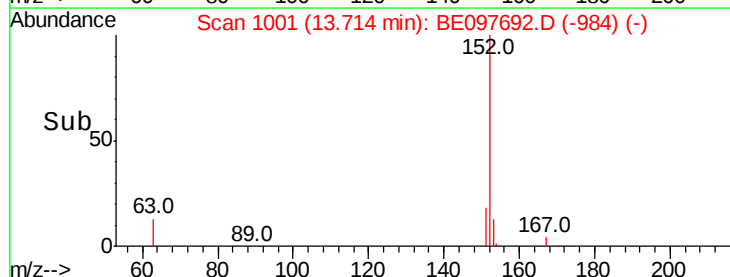
153 13.2 10.5 15.7

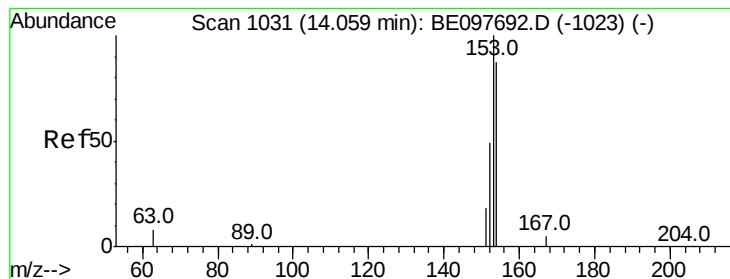


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.428 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

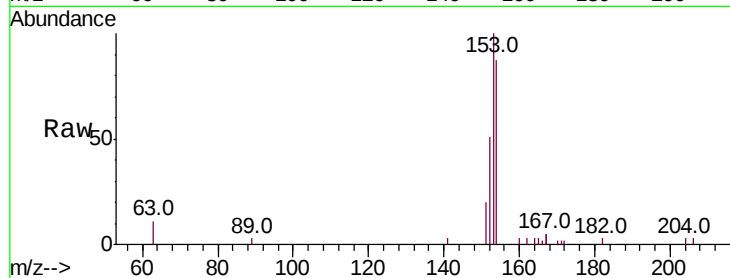
Tot Ion:154 Resp: 2581

Ion Ratio Lower Upper

154 100

153 113.8 89.2 133.8

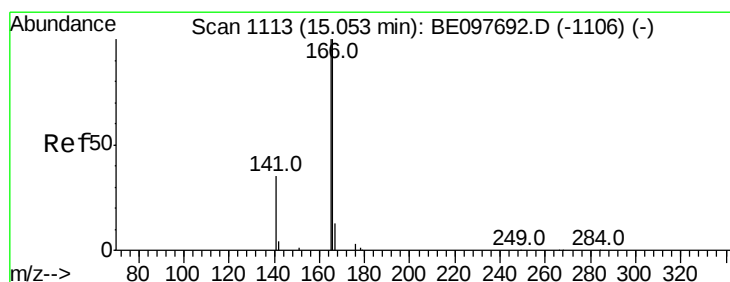
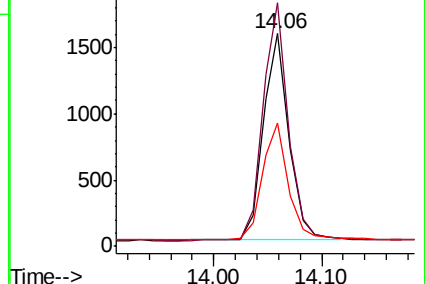
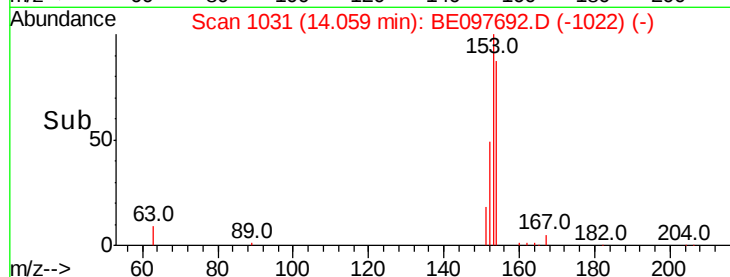
152 57.0 42.0 63.0



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: 0.384 ng

RT: 15.05 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

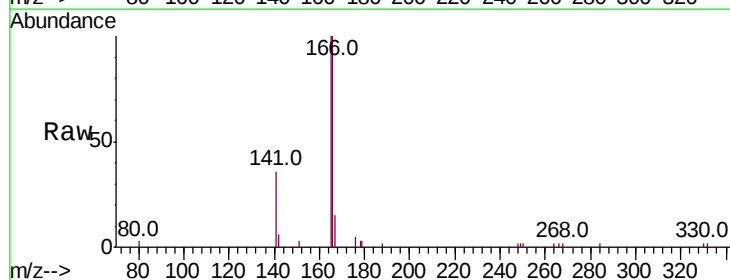
Tgt Ion:166 Resp: 3259

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

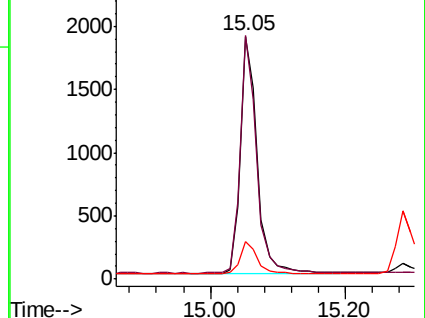
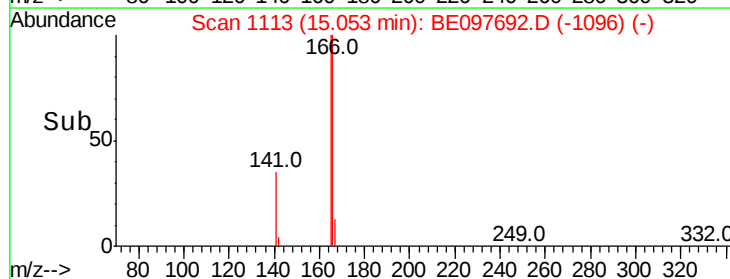
167 13.1 42.4 63.6#

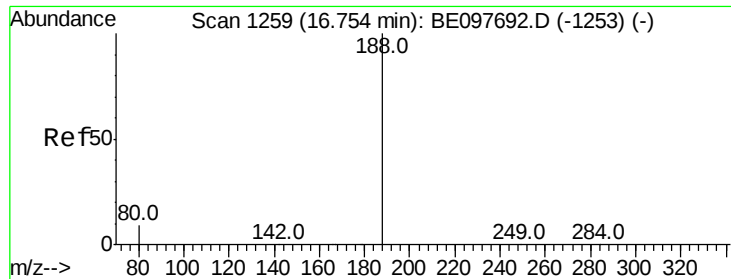


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1259

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

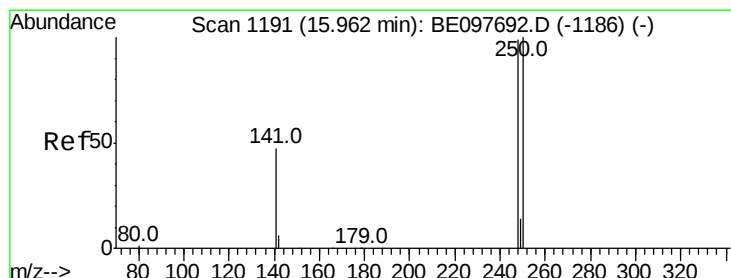
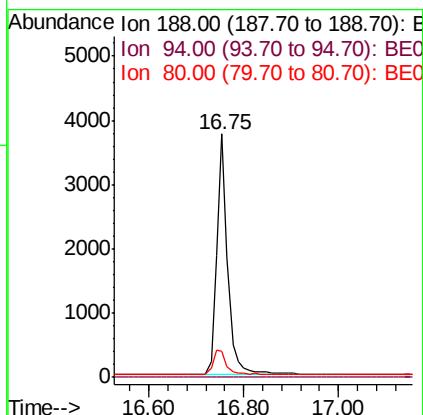
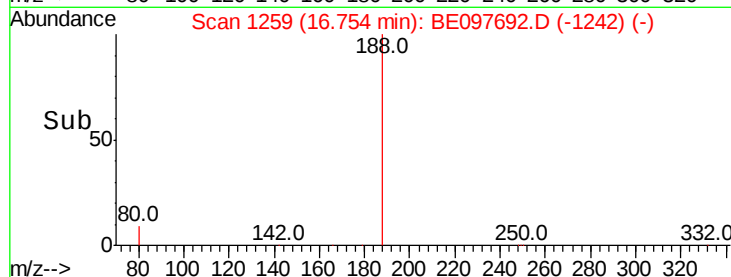
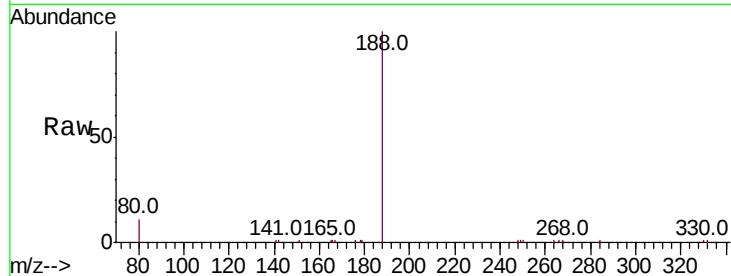
Tot Ion:188 Resp: 6130

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.442 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

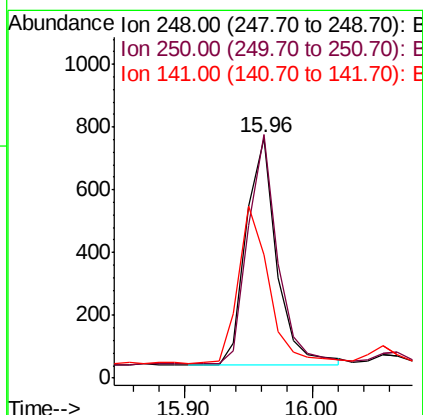
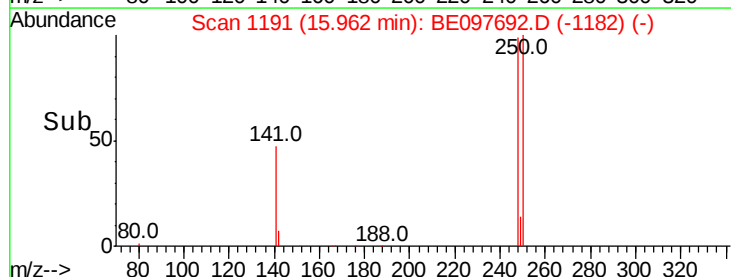
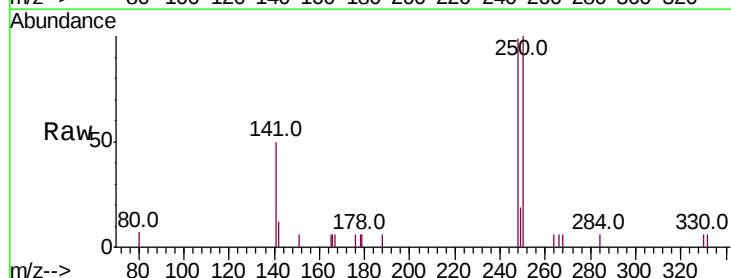
Tgt Ion:248 Resp: 1201

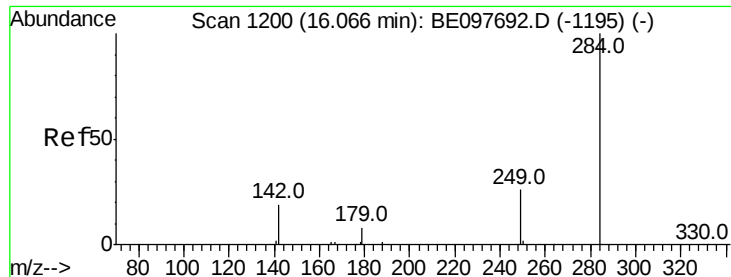
Ion Ratio Lower Upper

248 100

250 101.3 62.7 94.1#

141 51.0 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

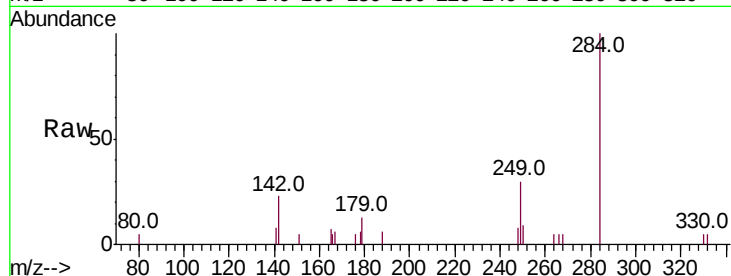
Tot Ion:284 Resp: 1335

Ion Ratio Lower Upper

284 100

142 33.0 22.1 33.1

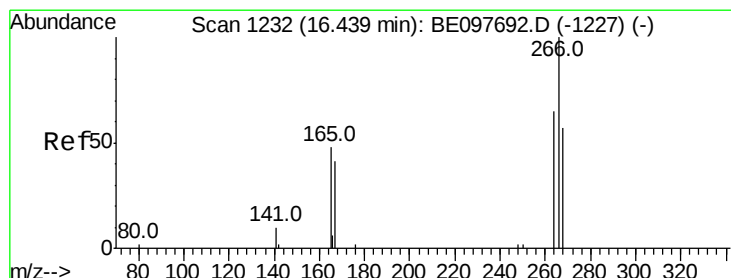
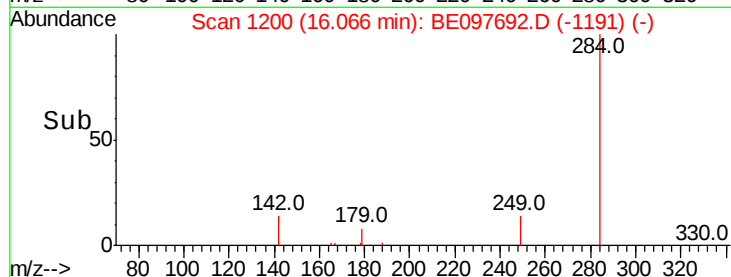
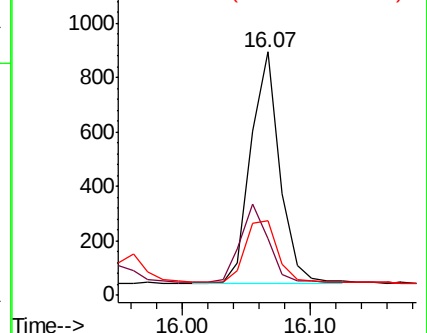
249 29.3 34.8 52.2#



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: 0.421 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

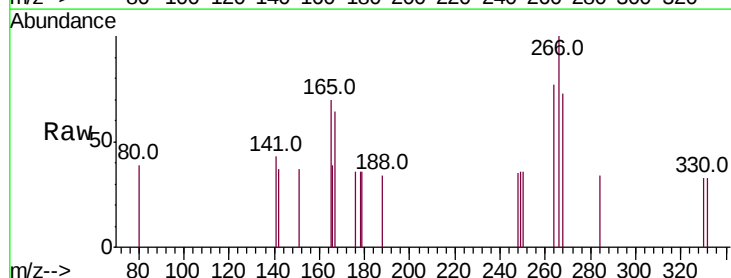
Tgt Ion:266 Resp: 314

Ion Ratio Lower Upper

266 100

264 77.3 72.5 108.7

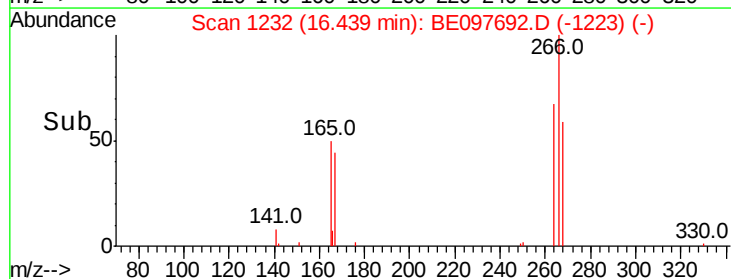
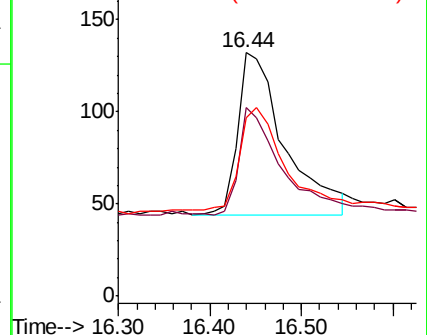
268 73.5 73.8 110.6#

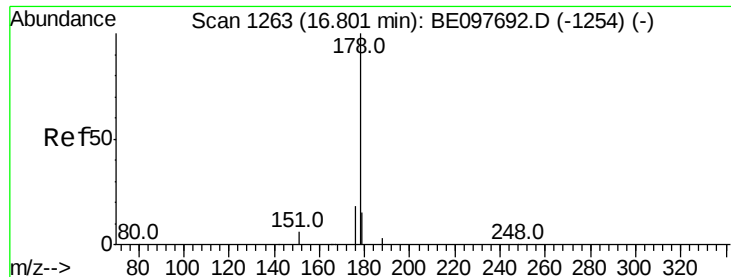


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

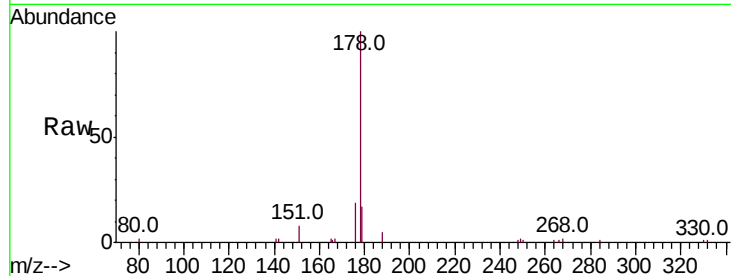




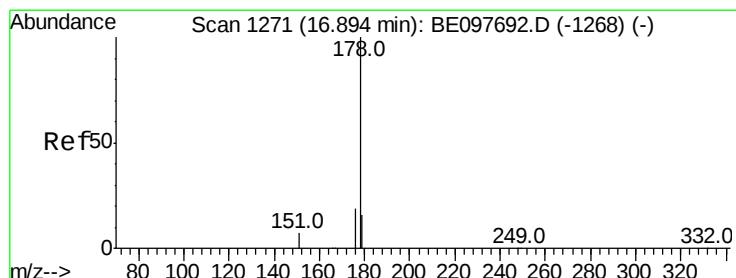
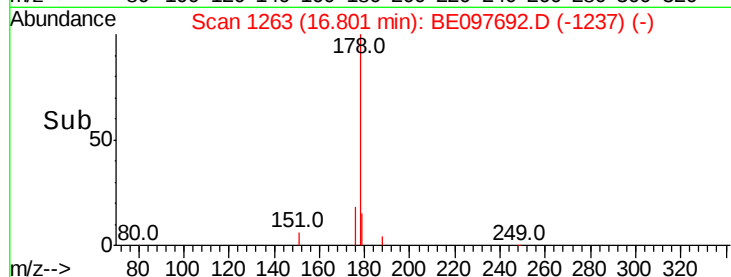
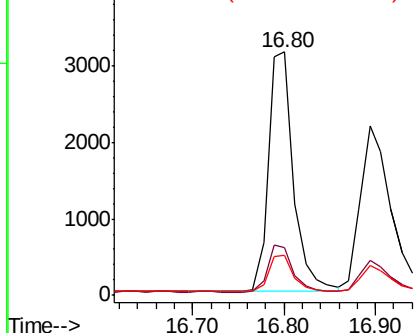
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:178 Resp: 6086
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 11.8 17.6

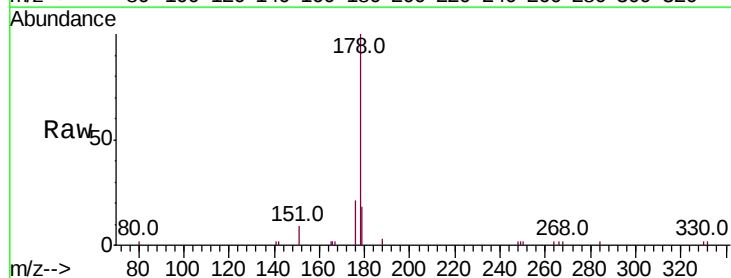


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

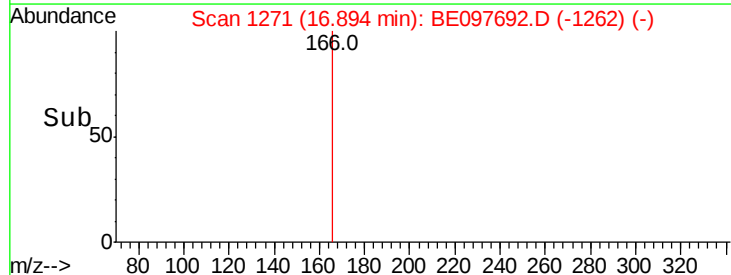
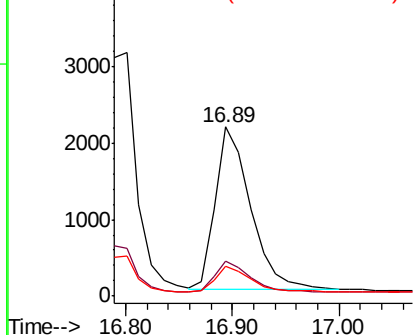


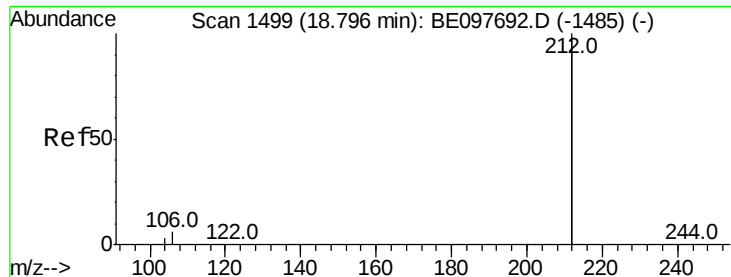
#24
Anthracene
Concen: 0.400 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097692.D
Acq: 27 Sep 2018 13:06

Tgt Ion:178 Resp: 4814
Ion Ratio Lower Upper
178 100
176 18.6 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: 0.421 ng

RT: 18.80 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

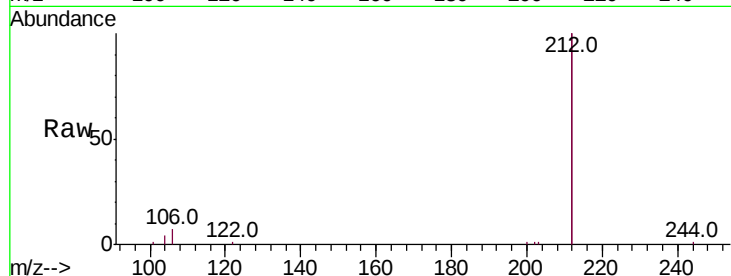
Tot Ion:212 Resp: 28149

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

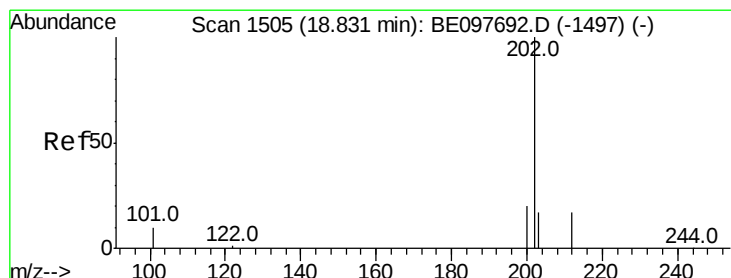
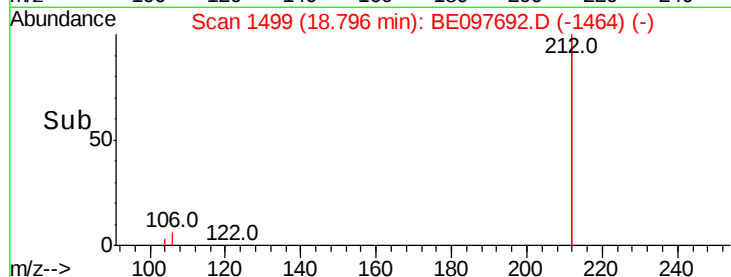
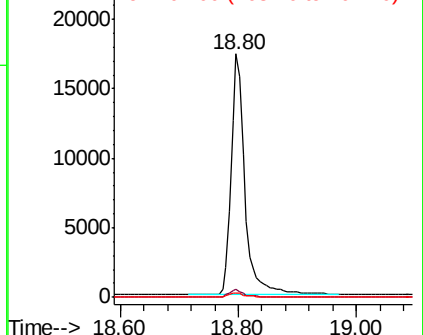
104 1.6 1.6 2.4



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: 0.430 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

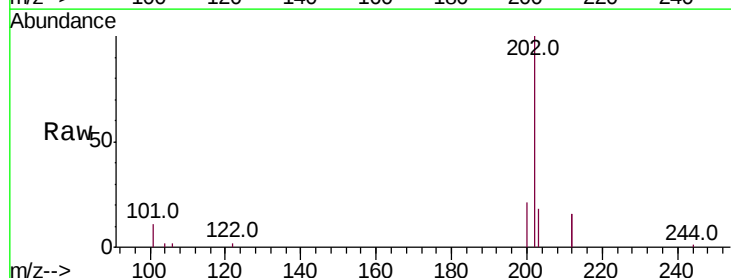
Tgt Ion:202 Resp: 7474

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

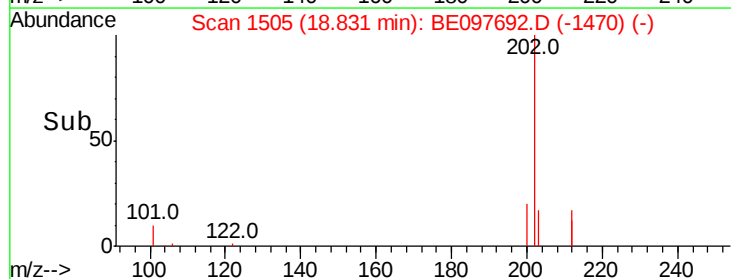
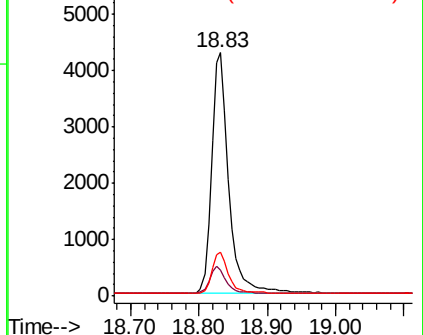
203 16.8 13.7 20.5

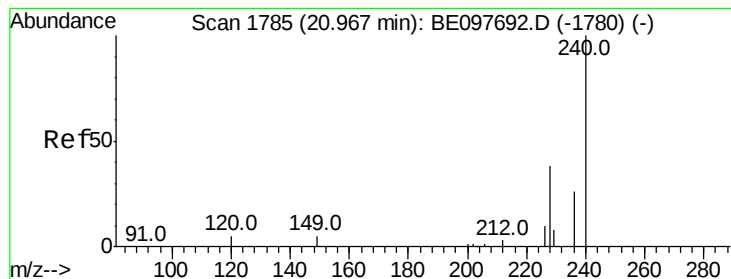


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

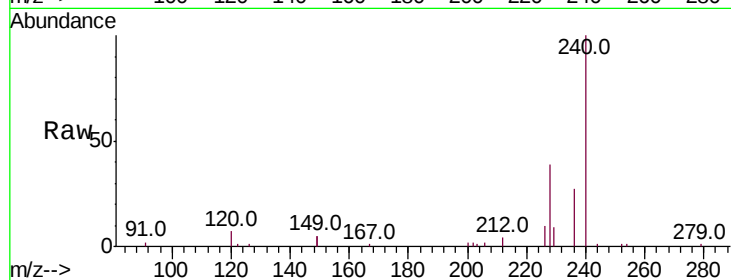
Tot Ion:240 Resp: 7502

Ion Ratio Lower Upper

240 100

120 6.6 5.5 8.3

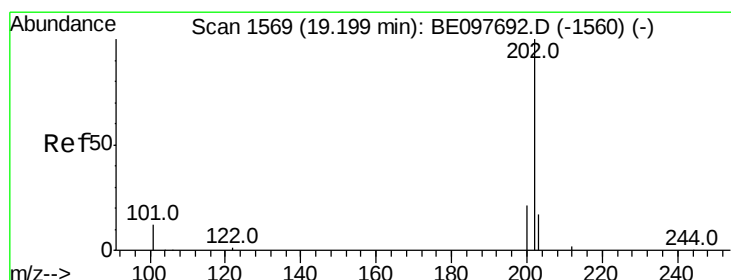
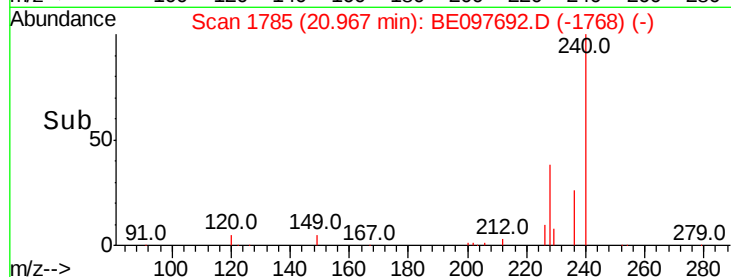
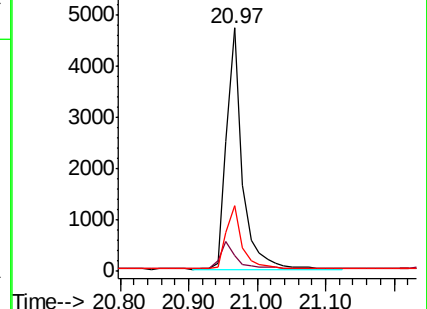
236 27.1 20.7 31.1



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: 0.388 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

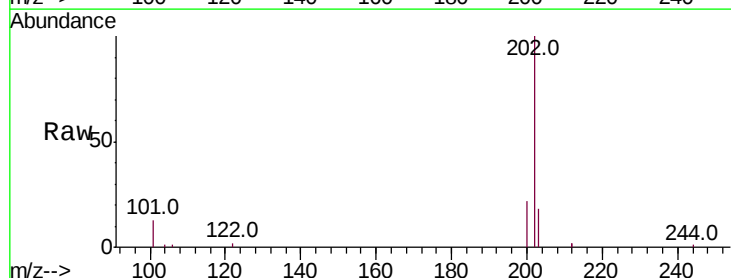
Tgt Ion:202 Resp: 7589

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

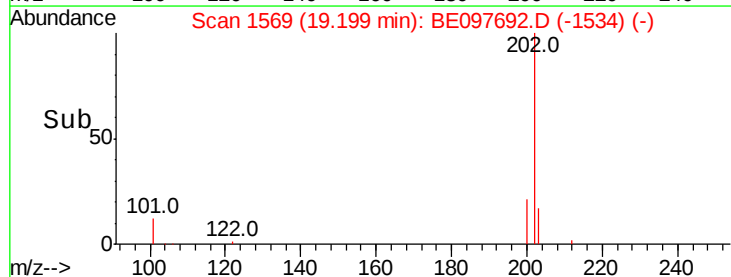
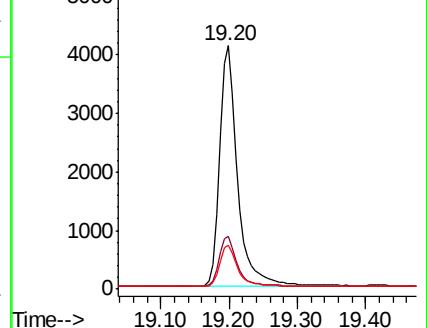
203 17.2 13.8 20.8

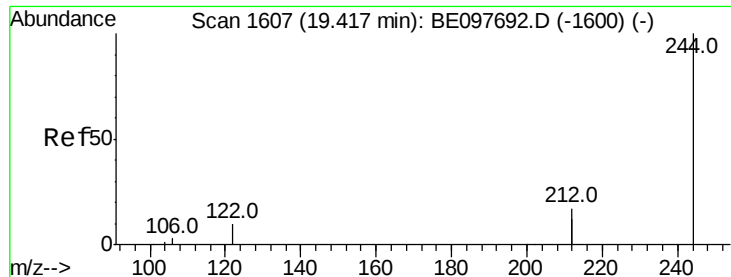


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.42 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

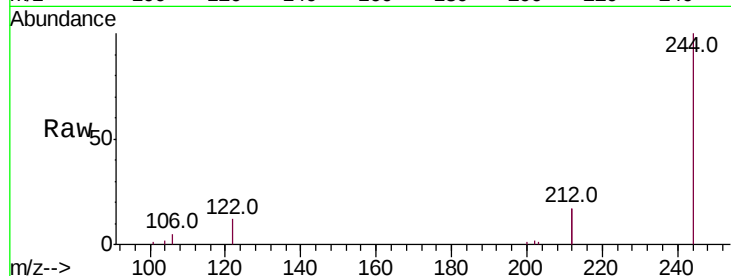
Tot Ion:244 Resp: 6229

Ion Ratio Lower Upper

244 100

212 33.5 25.4 38.0

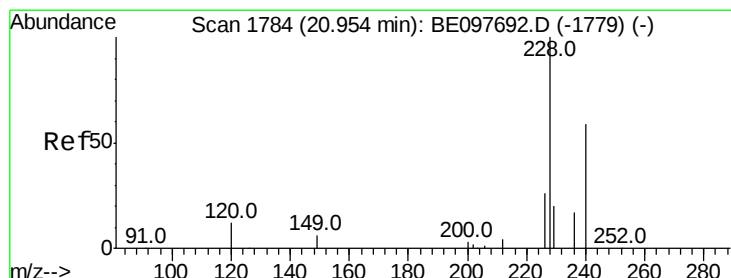
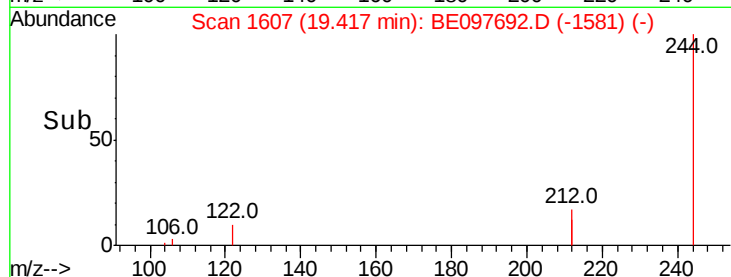
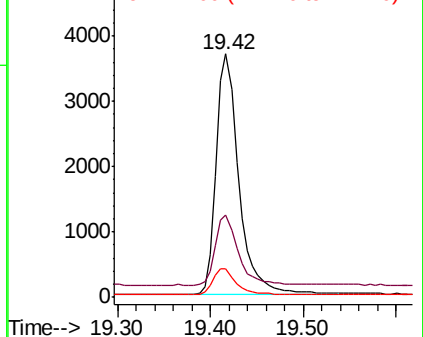
122 11.6 8.1 12.1



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: 0.394 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

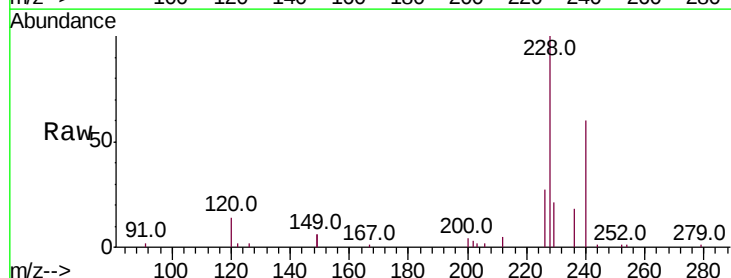
Tgt Ion:228 Resp: 6981

Ion Ratio Lower Upper

228 100

226 26.8 24.0 36.0

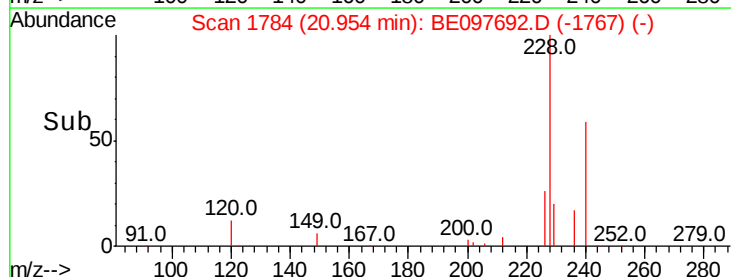
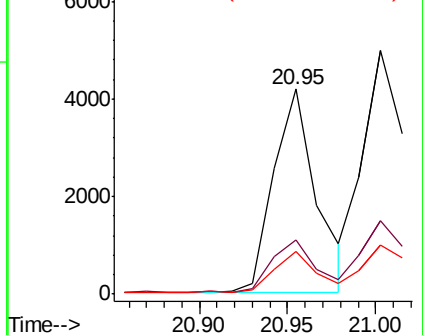
229 21.0 16.0 24.0

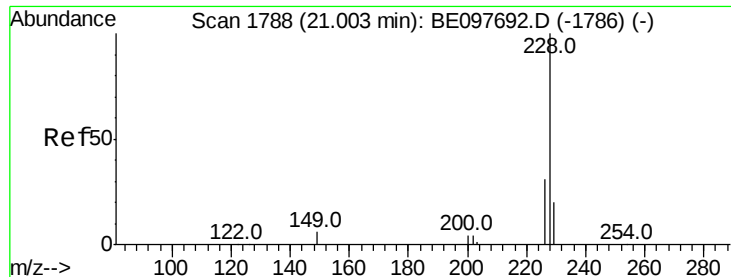


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.435 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

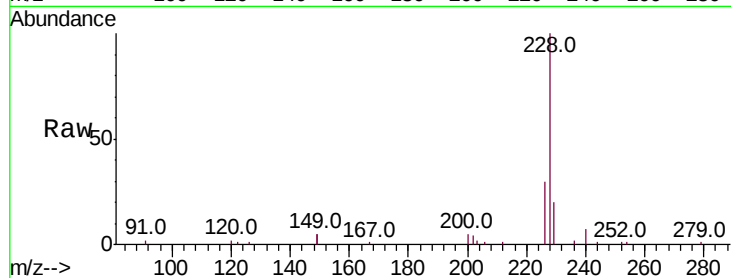
Tot Ion:228 Resp: 9021

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

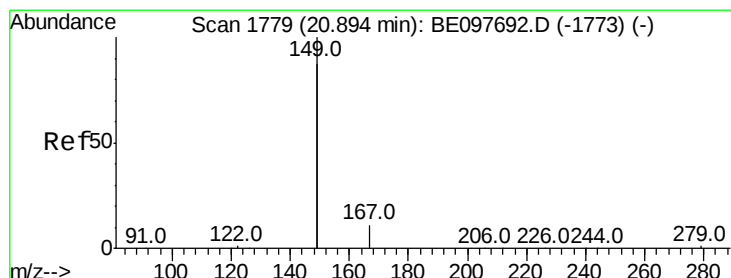
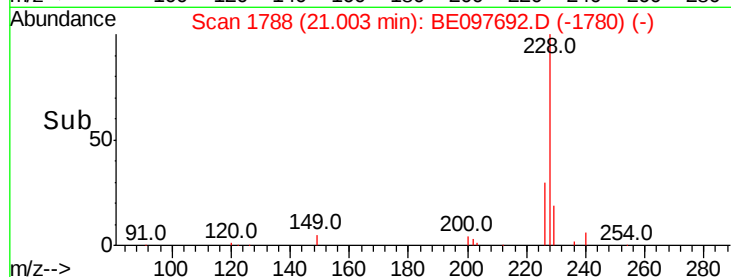
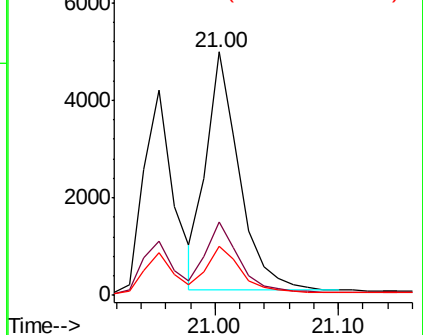
229 20.2 16.0 24.0



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: 0.400 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

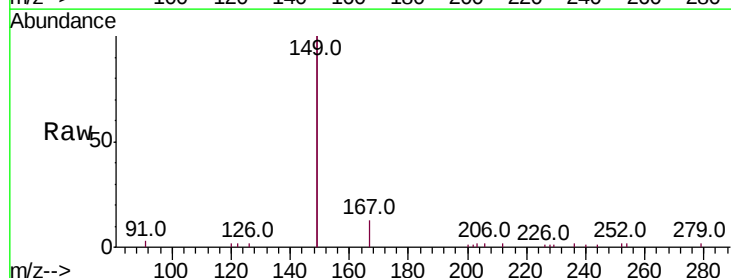
Tgt Ion:149 Resp: 8092

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

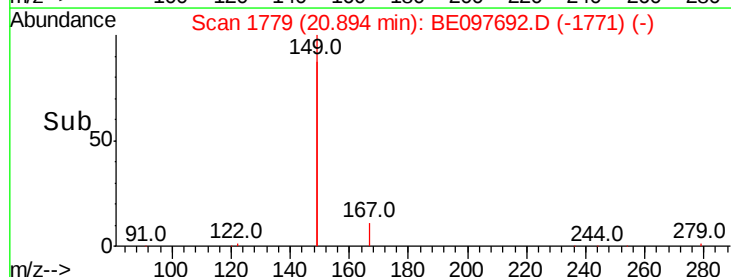
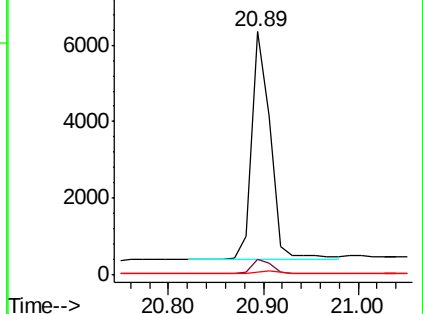
279 1.2 0.7 1.1#

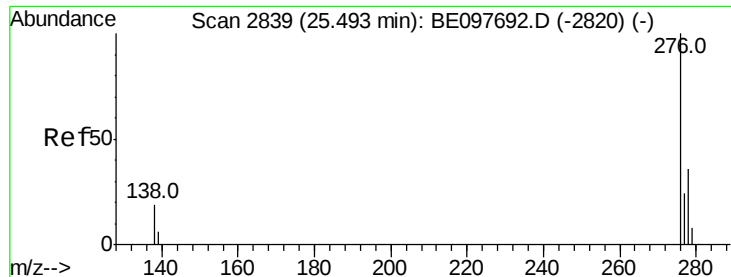


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.428 ng

RT: 25.49 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

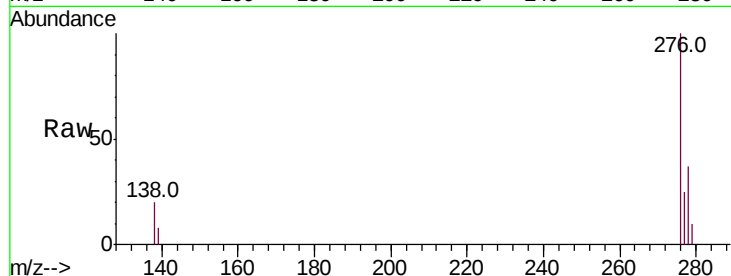
Tot Ion:276 Resp: 9355

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

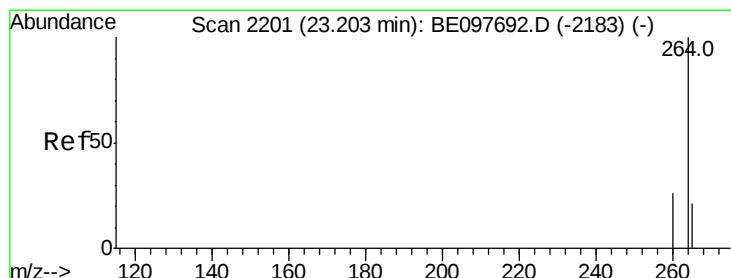
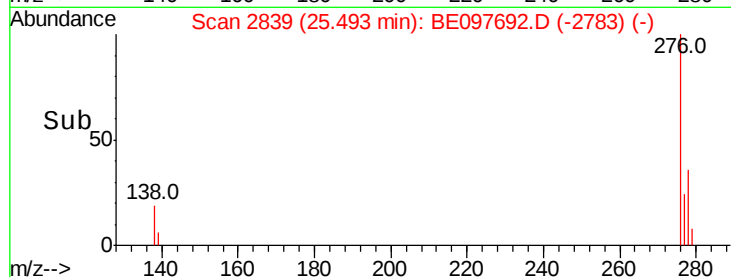
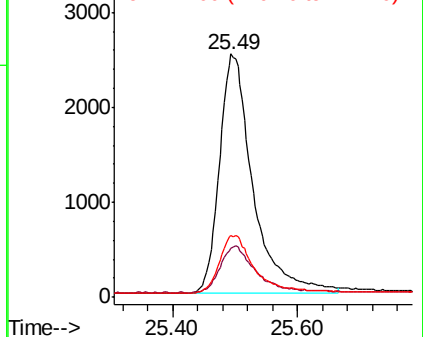
277 25.1 19.9 29.9



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# 2201

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

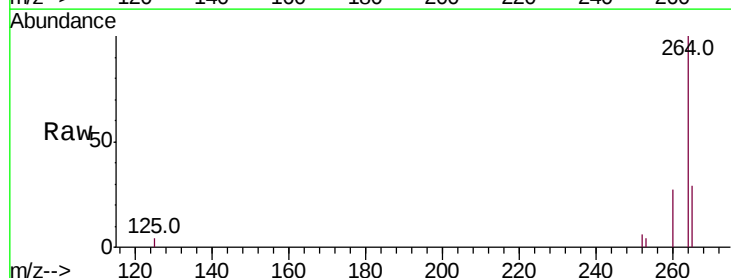
Tgt Ion:264 Resp: 6945

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

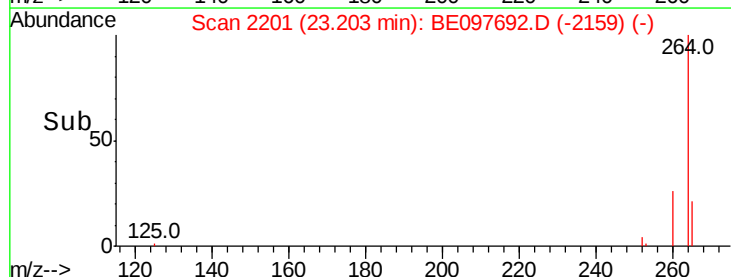
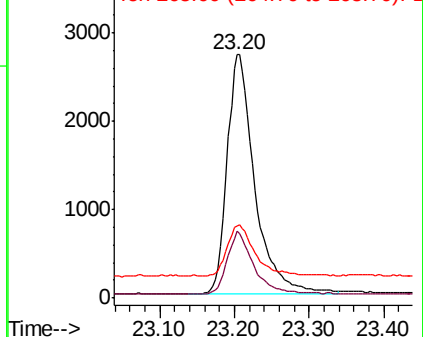
265 29.5 22.8 34.2

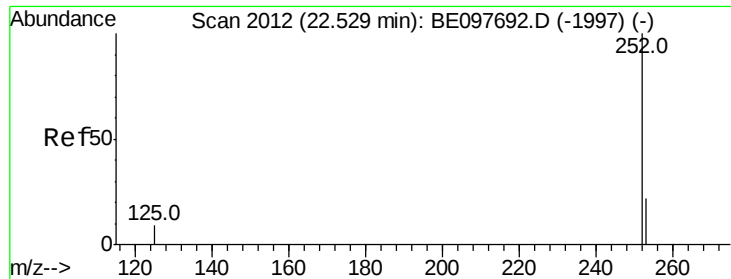


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 22.53 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

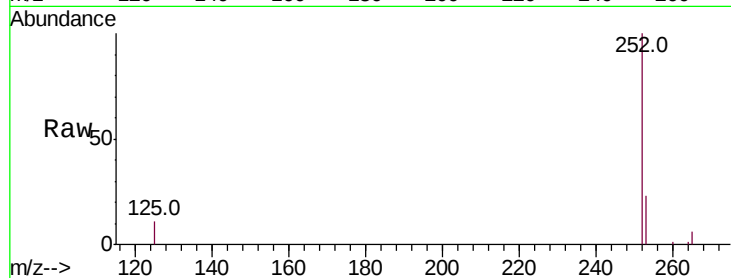
Tot Ion:252 Resp: 7521

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

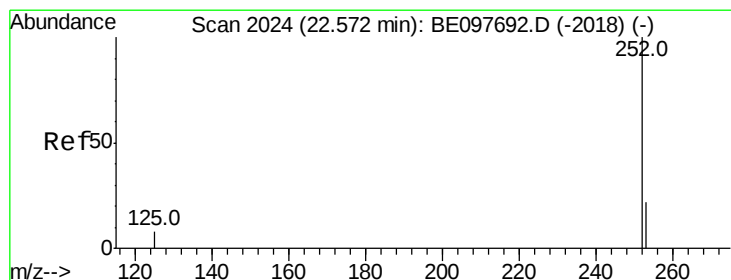
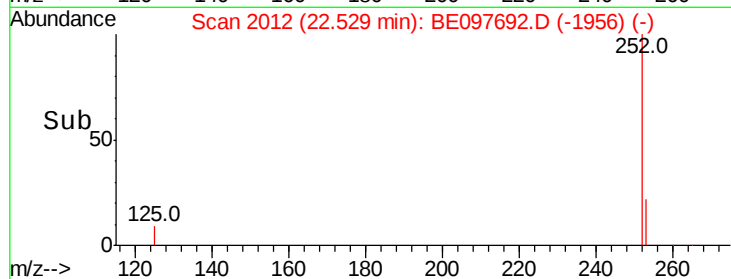
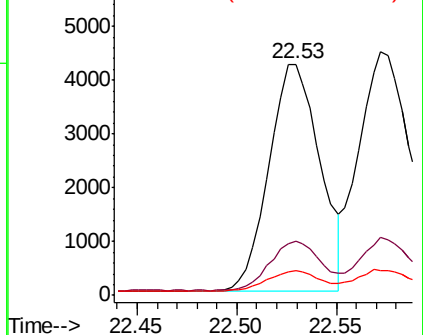
125 10.5 16.0 24.0#



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: 0.428 ng

RT: 22.57 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

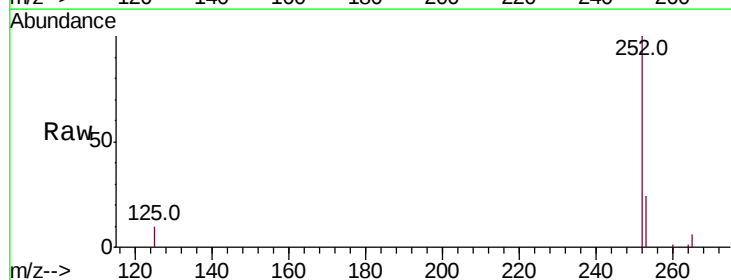
Tgt Ion:252 Resp: 8996

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

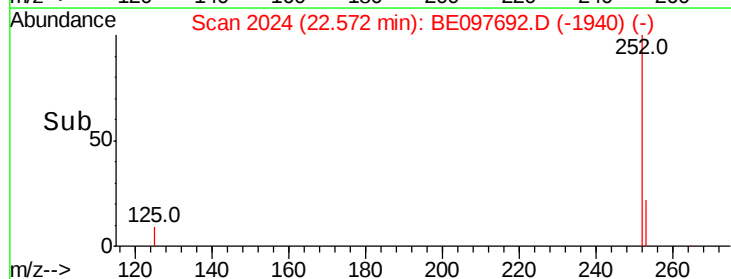
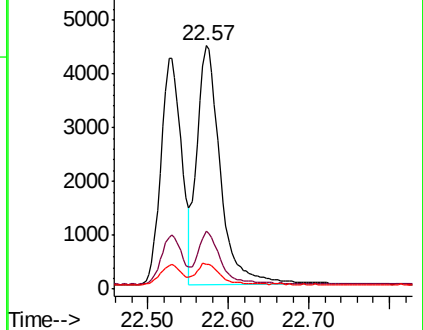
125 10.3 8.0 12.0

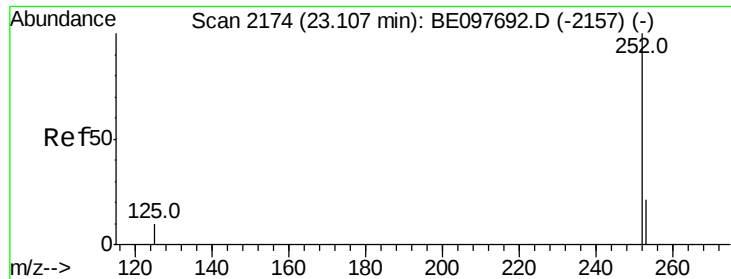


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.11 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

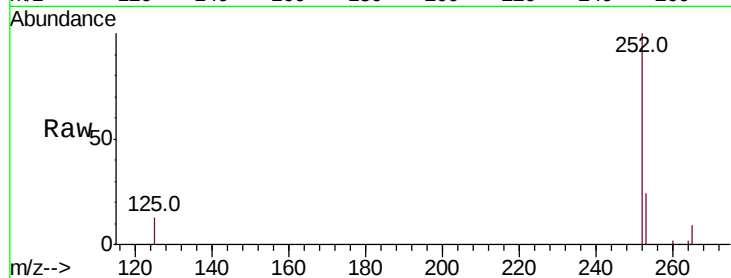
Tot Ion:252 Resp: 7153

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

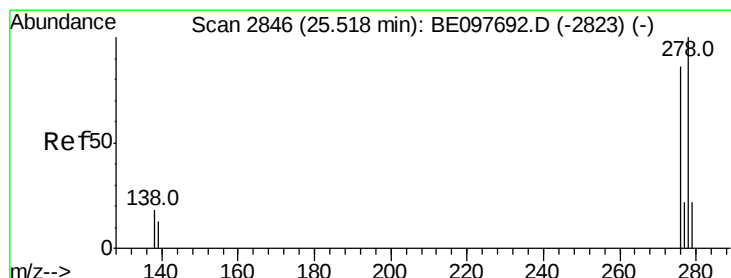
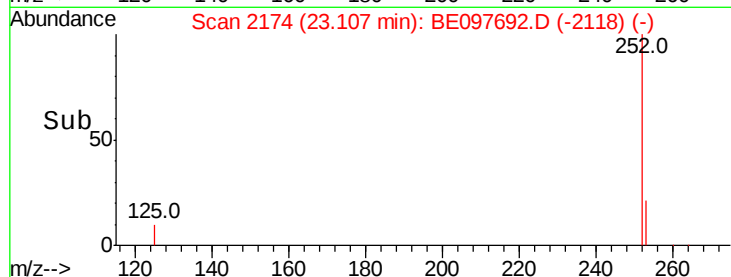
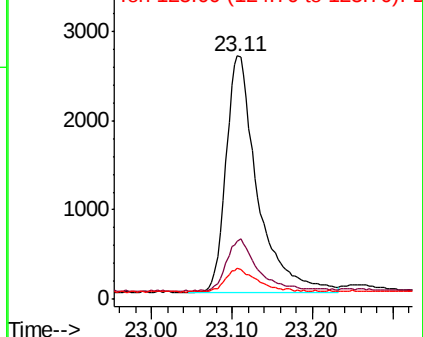
125 12.8 12.0 18.0



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: 0.422 ng

RT: 25.52 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

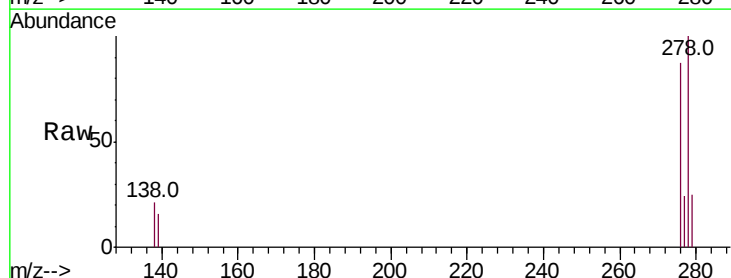
Tgt Ion:278 Resp: 7778

Ion Ratio Lower Upper

278 100

139 15.8 16.0 24.0#

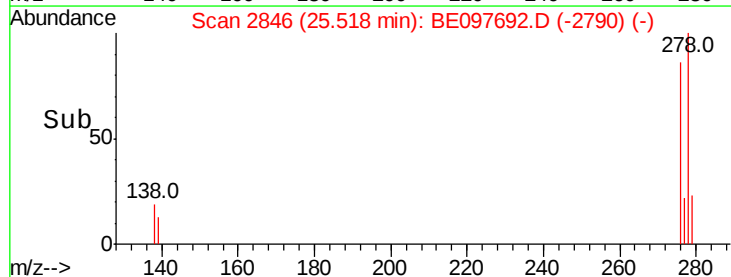
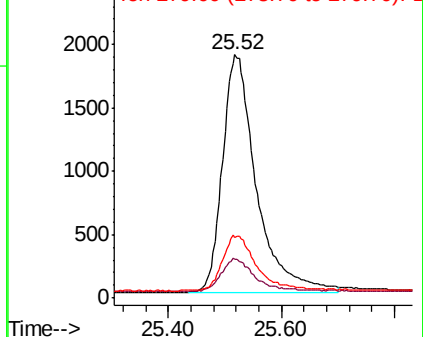
279 24.8 20.0 30.0

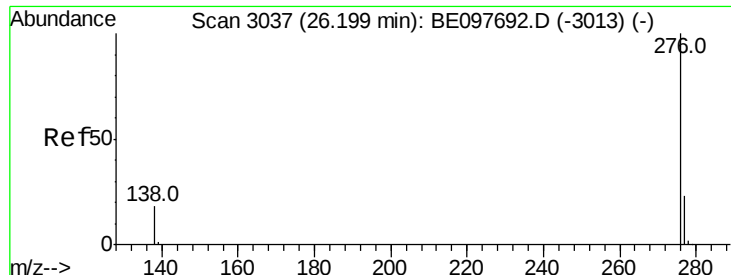


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.436 ng

RT: 26.20 min Scan# 3037

Delta R.T. 0.00 min

Lab File: BE097692.D

Acq: 27 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

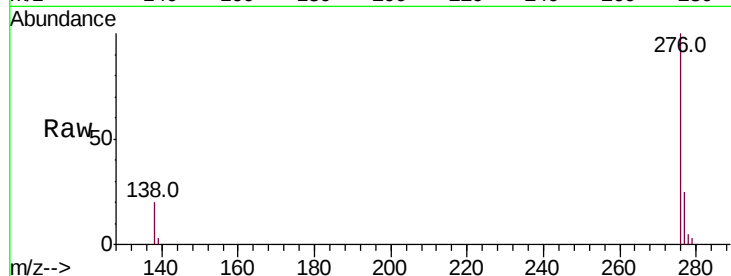
Tot Ion:276 Resp: 7997

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 20.4 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

