

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097694.D
 Acq On : 27 Sep 2018 14:20
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Sep 27 15:11:21 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	895	0.40	ng	0.00
7) Naphthalene-d8	10.11	136	4258	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2459	0.40	ng	0.00
19) Phenanthrene-d10	16.74	188	6299	0.40	ng	-0.01
27) Chrysene-d12	20.95	240	8228	0.40	ng	-0.01
34) Perylene-d12	23.21	264	6927	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	3528	1.50	ng	-0.01
5) Phenol-d6	6.58	99	5041	1.52	ng	-0.03
8) Nitrobenzene-d5	8.51	82	5250	2.13	ng	-0.03
11) 2-Methylnaphthalene-d10	11.70	152	10532	1.67	ng	-0.02
14) 2,4,6-Tribromophenol	15.51	330	1577	1.65	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	15062	1.88	ng	0.00
25) Fluoranthene-d10	18.79	212	121951	1.78	ng	0.00
29) Terphenyl-d14	19.41	244	26452	1.63	ng	0.00

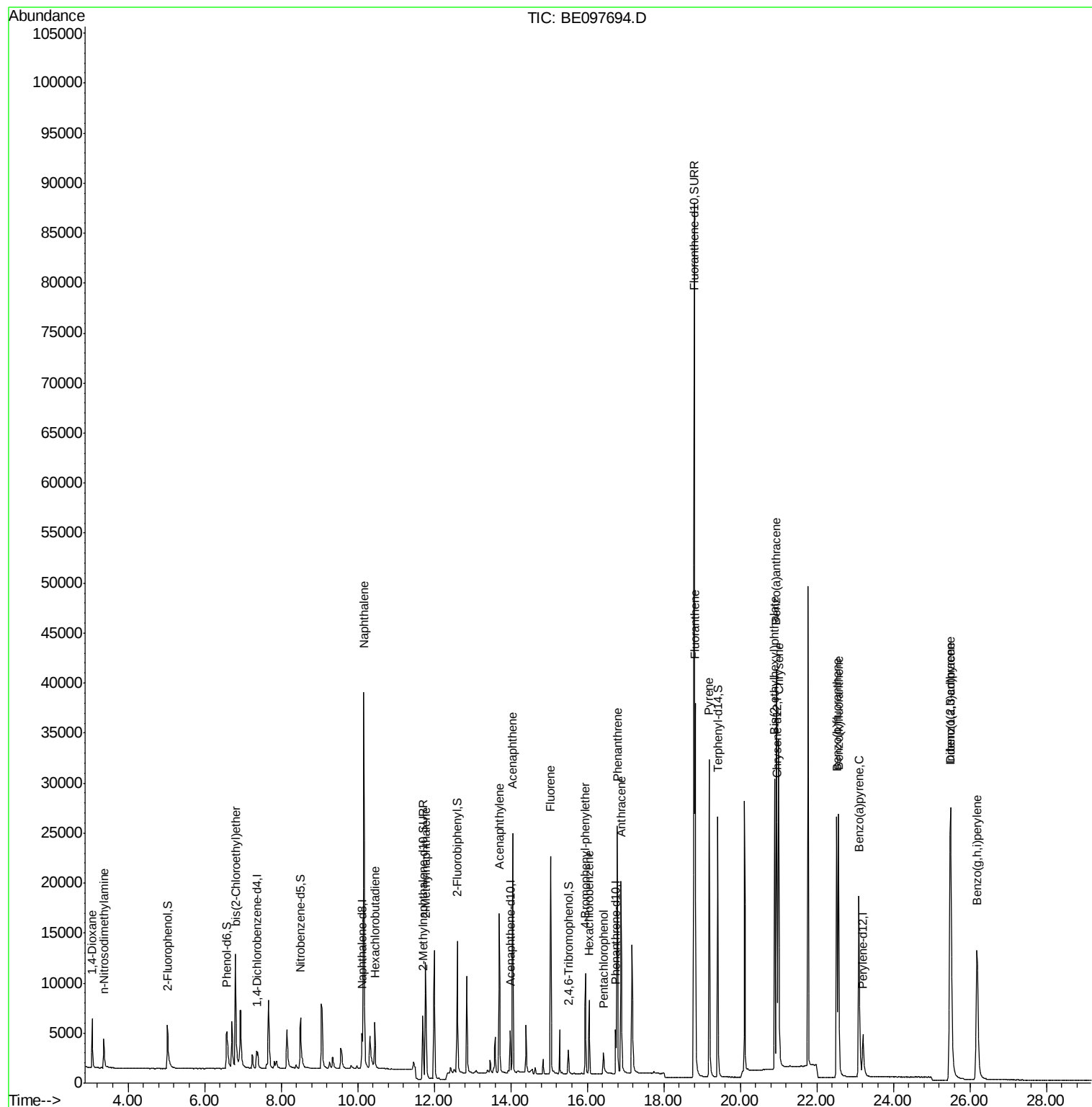
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	2770	1.729	ng	# 87
3) n-Nitrosodimethylamine	3.36	42	2120	2.251	ng	# 93
6) bis(2-Chloroethyl)ether	6.81	93	5094	1.891	ng	92
9) Naphthalene	10.16	128	65277	1.687	ng	99
10) Hexachlorobutadiene	10.44	225	2968	1.686	ng	98
12) 2-Methylnaphthalene	11.78	142	10580	1.726	ng	97
16) Acenaphthylene	13.70	152	17352	1.755	ng	100
17) Acenaphthene	14.05	154	11311	1.752	ng	96
18) Fluorene	15.04	166	14451	1.592	ng	# 79
20) 4-Bromophenyl-phenylether	15.95	248	5249	1.880	ng	# 79
21) Hexachlorobenzene	16.05	284	5727	1.779	ng	# 85
22) Pentachlorophenol	16.43	266	1607	2.095	ng	# 72
23) Phenanthrene	16.79	178	26081	1.750	ng	99
24) Anthracene	16.88	178	22615	1.827	ng	96
26) Fluoranthene	18.82	202	32992	1.846	ng	99
28) Pyrene	19.19	202	33083	1.540	ng	100
30) Benzo(a)anthracene	20.94	228	33351	1.716	ng	97
31) Chrysene	21.00	228	38223	1.680	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	37918	1.707	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	39985	1.668	ng	# 93
35) Benzo(b)fluoranthene	22.52	252	33042	1.866	ng	# 86
36) Benzo(k)fluoranthene	22.56	252	37765	1.802	ng	96
37) Benzo(a)pyrene	23.10	252	30800	1.761	ng	# 92
38) Dibenzo(a,h)anthracene	25.50	278	33882	1.842	ng	# 93
39) Benzo(g,h,i)perylene	26.19	276	33741	1.844	ng	# 88

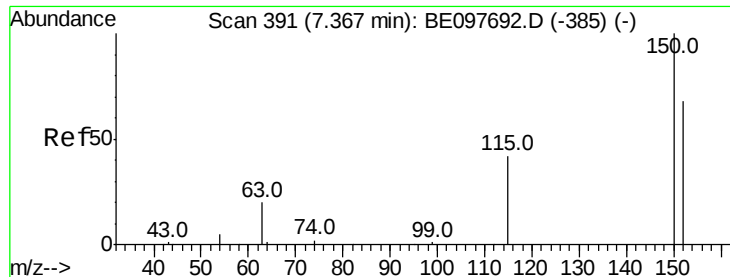
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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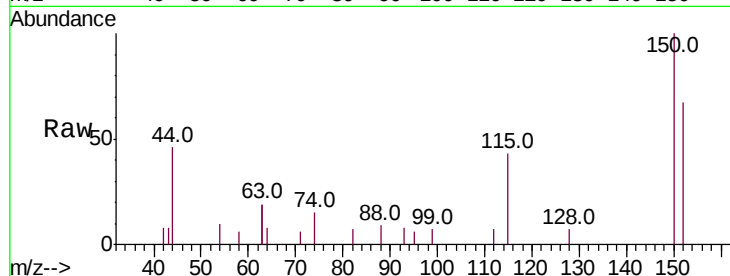


#1

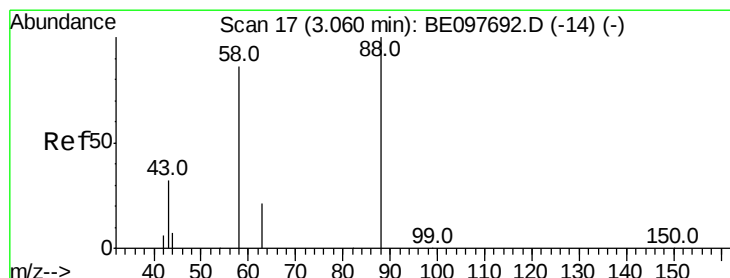
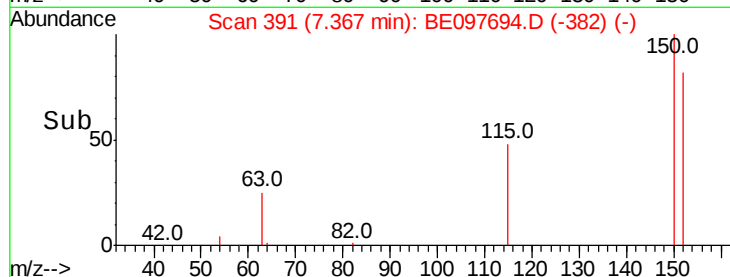
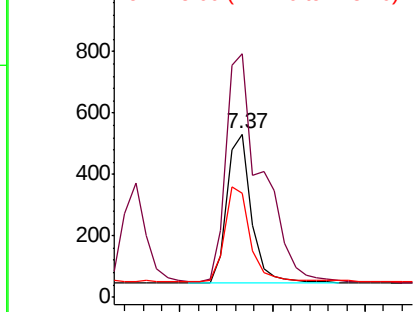
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE097694.D
Acq: 27 Sep 2018 14:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 895
Ion Ratio Lower Upper
152 100
150 149.3 117.2 175.8
115 64.0 57.0 85.6



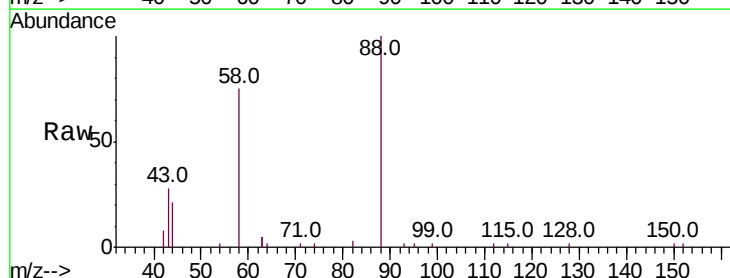
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



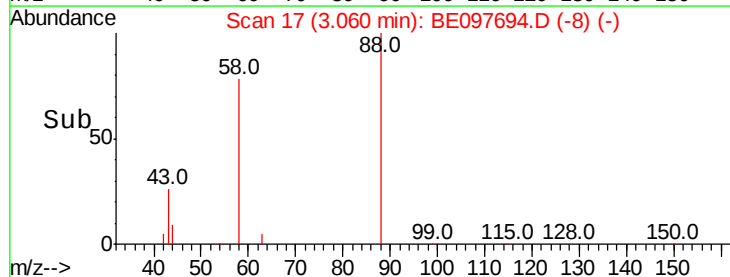
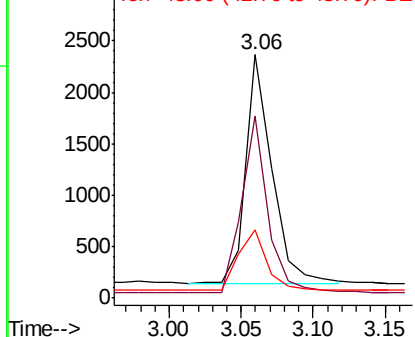
#2

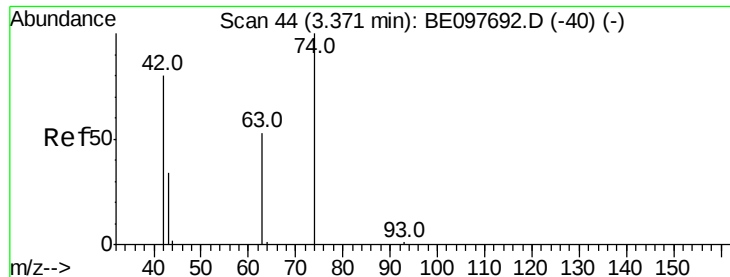
1,4-Dioxane
Concen: 1.729 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.00 min
Lab File: BE097694.D
Acq: 27 Sep 2018 14:20

Tgt Ion: 88 Resp: 2770
Ion Ratio Lower Upper
88 100
58 79.0 63.2 94.8
43 29.2 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: 2.251 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

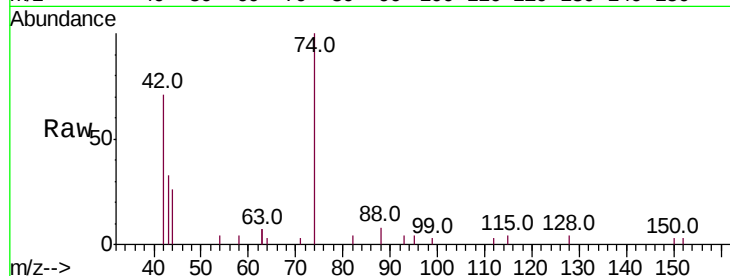
Tot Ion: 42 Resp: 2120

Ion Ratio Lower Upper

42 100

74 126.0 96.0 144.0

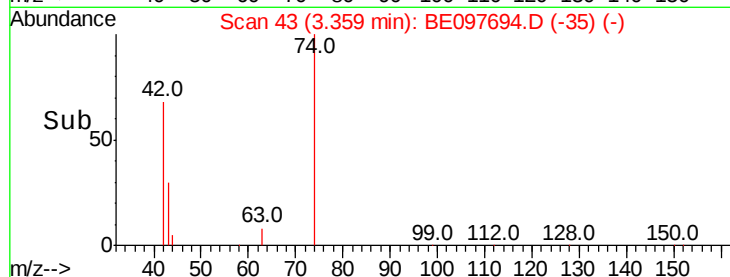
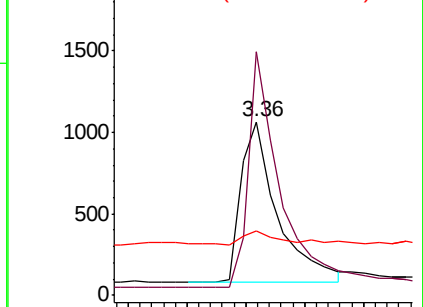
44 6.7 12.0 18.0#



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: 1.497 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

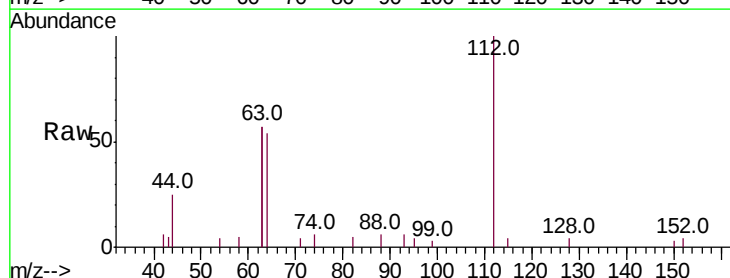
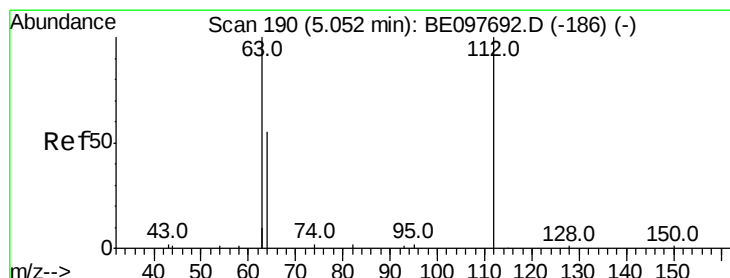
Tgt Ion: 112 Resp: 3528

Ion Ratio Lower Upper

112 100

64 66.9 60.1 90.1

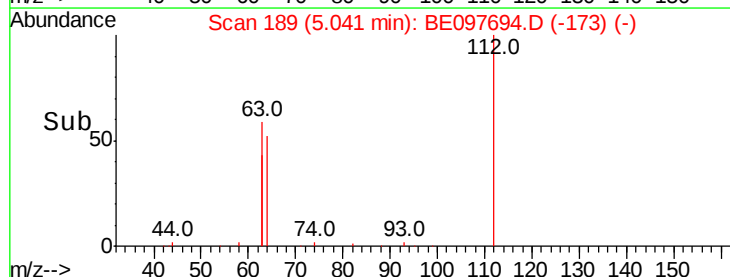
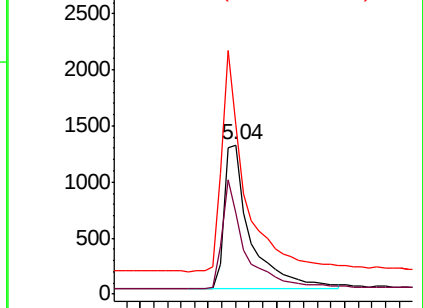
63 137.5 116.8 175.2

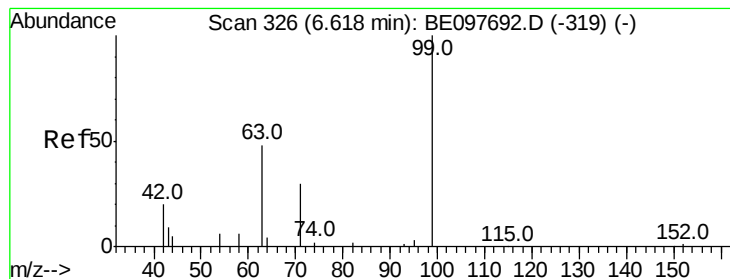


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.515 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.03 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

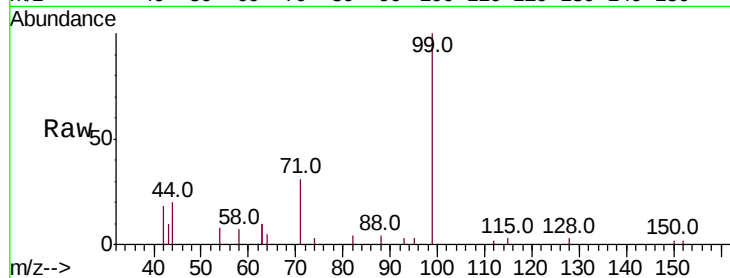
Tot Ion: 99 Resp: 5041

Ion Ratio Lower Upper

99 100

42 19.1 20.2 30.2#

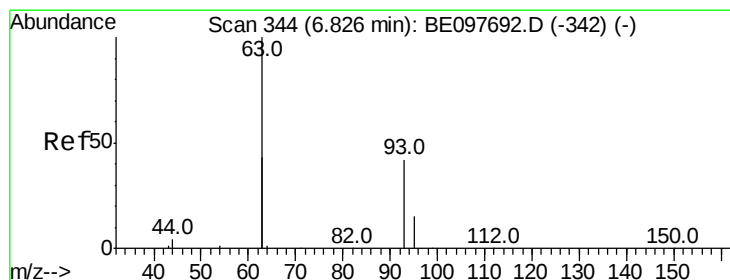
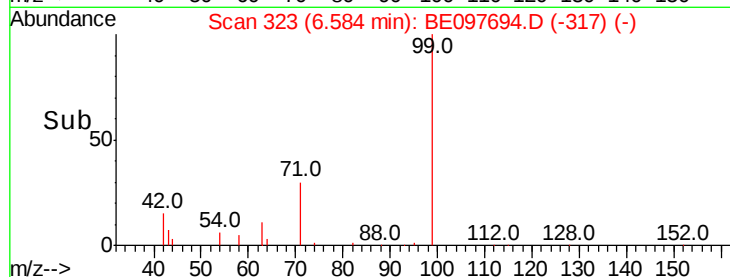
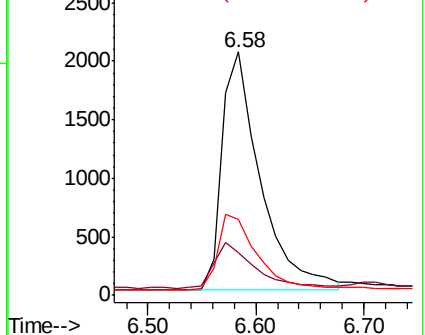
71 32.4 28.4 42.6



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

bis(2-Chloroethyl)ether

Concen: 1.891 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

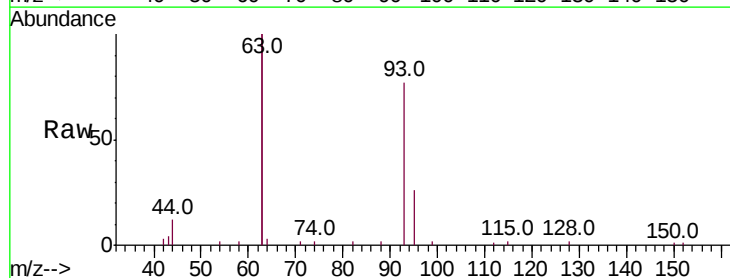
Tgt Ion: 93 Resp: 5094

Ion Ratio Lower Upper

93 100

63 325.8 275.3 412.9

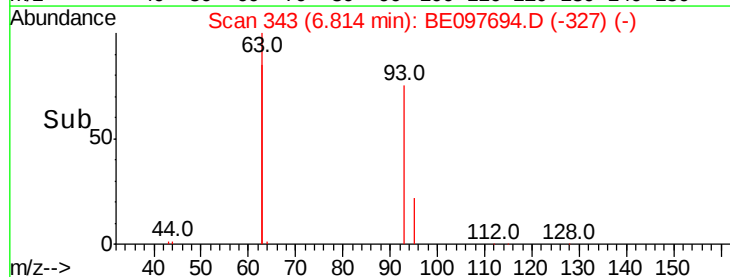
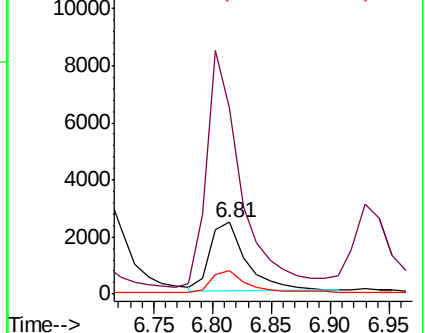
95 33.9 25.2 37.8

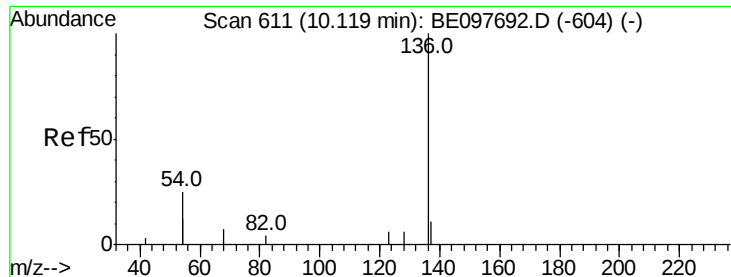


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 610

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 4258

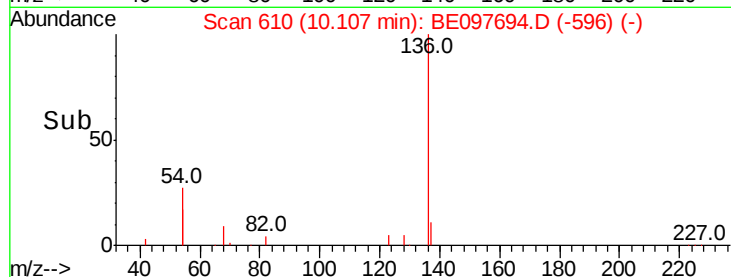
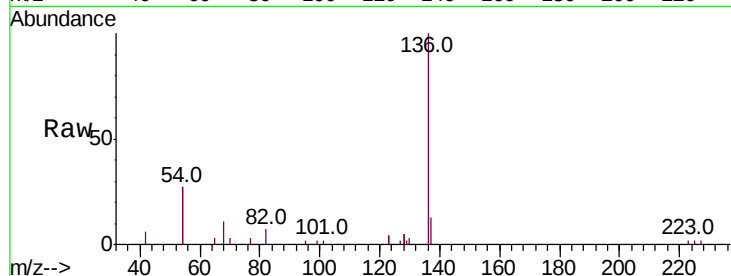
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 53.2 29.1 43.7#

68 11.1 6.2 9.2#



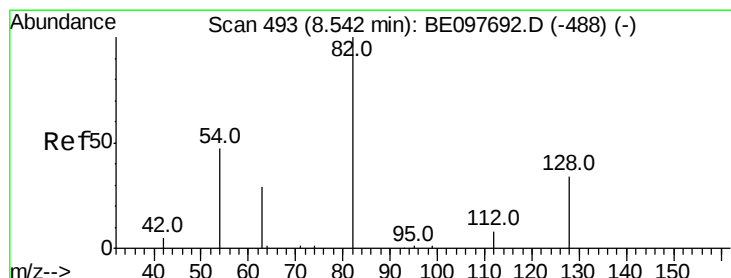
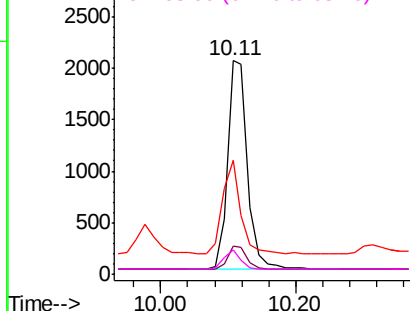
Abundance

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: 2.126 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.03 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

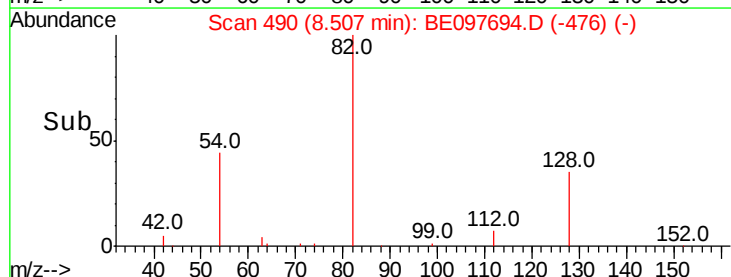
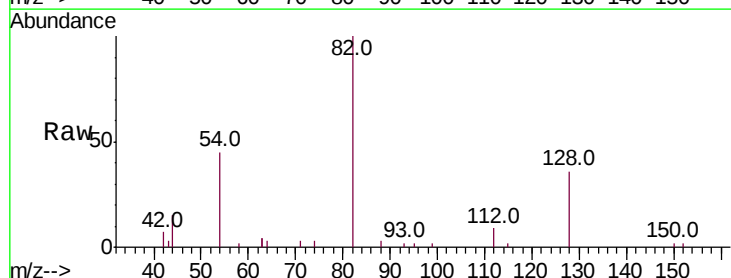
Tgt Ion: 82 Resp: 5250

Ion Ratio Lower Upper

82 100

128 35.8 24.0 36.0

54 45.5 40.0 60.0

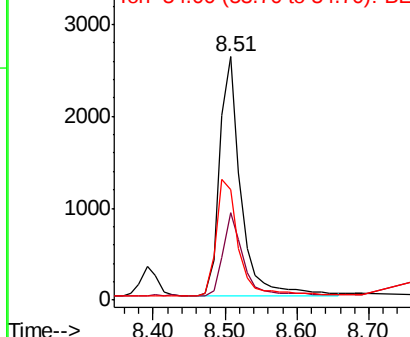


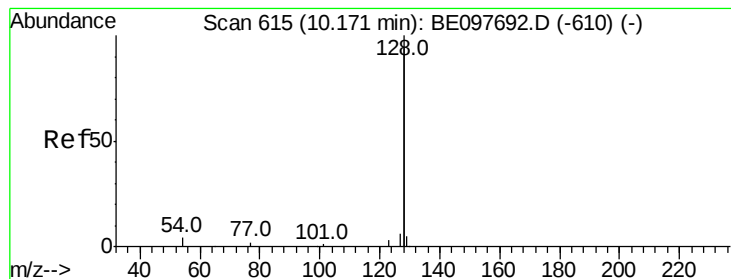
Abundance

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: 1.687 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

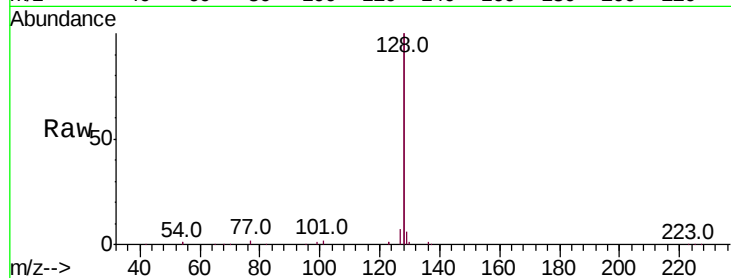
Tot Ion:128 Resp: 65277

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

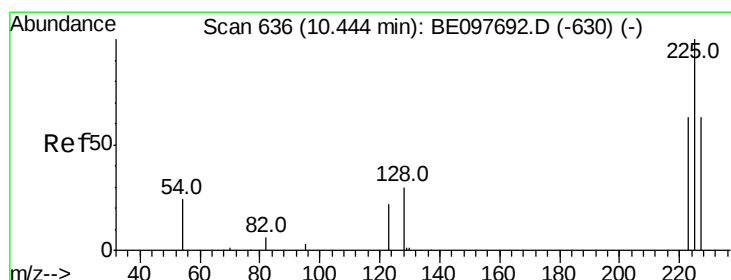
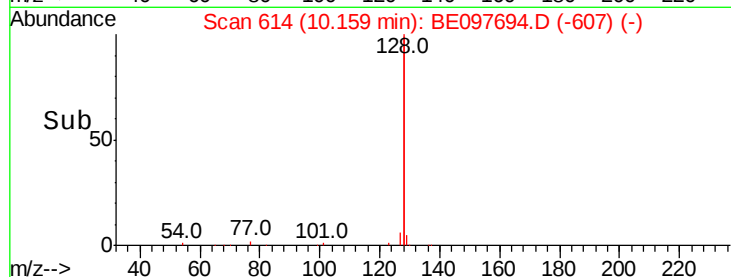
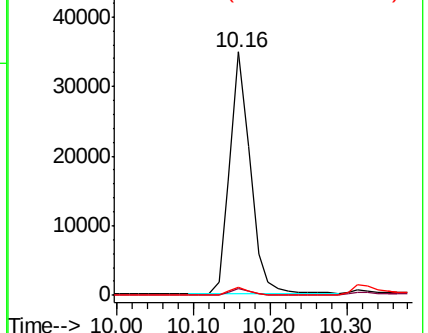
127 3.3 2.8 4.2



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: 1.686 ng

RT: 10.44 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

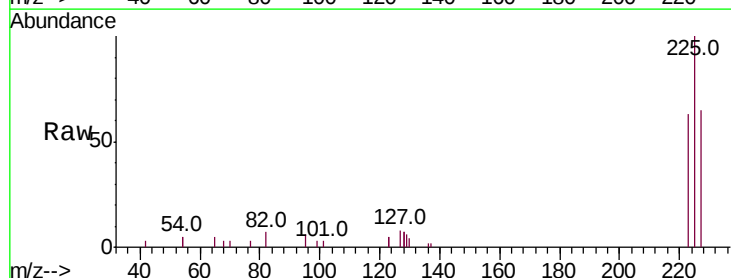
Tgt Ion:225 Resp: 2968

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

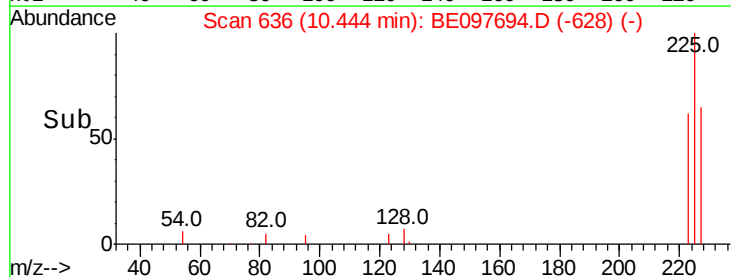
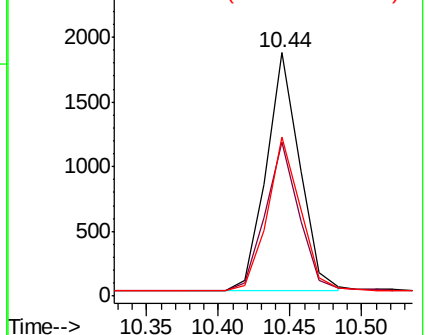
227 63.9 51.4 77.2

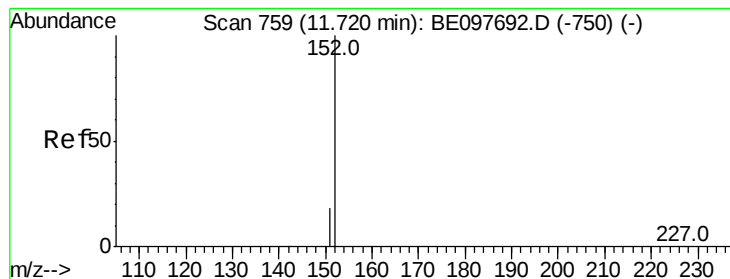


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.670 ng

RT: 11.70 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

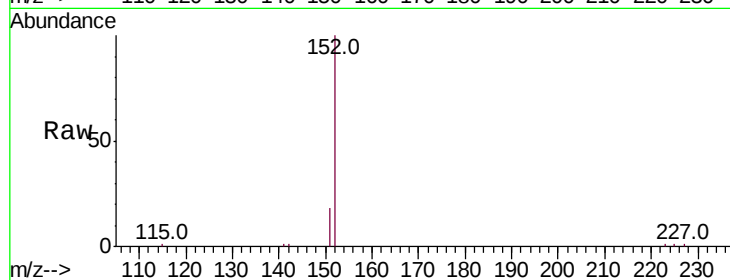
SSTDICC1.6

Tot Ion:152 Resp: 10532

Ion Ratio Lower Upper

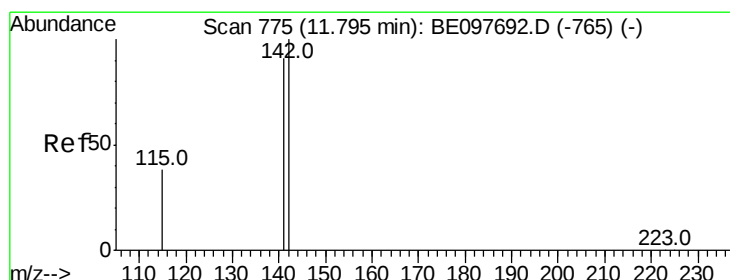
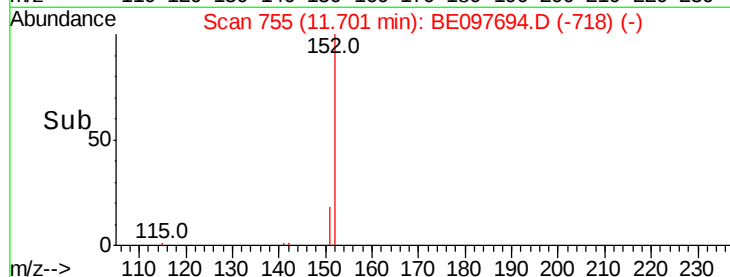
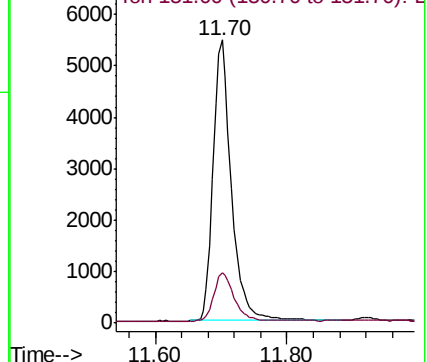
152 100

151 19.0 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: 1.726 ng

RT: 11.78 min Scan# 771

Delta R.T. -0.02 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

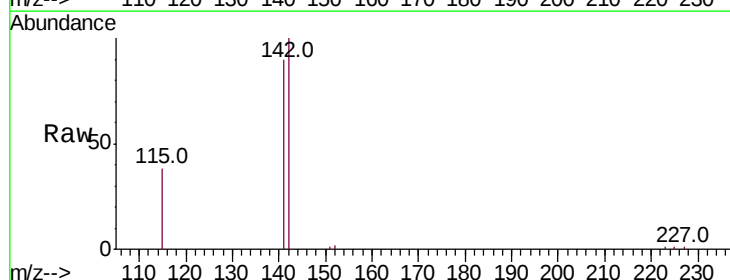
Tgt Ion:142 Resp: 10580

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

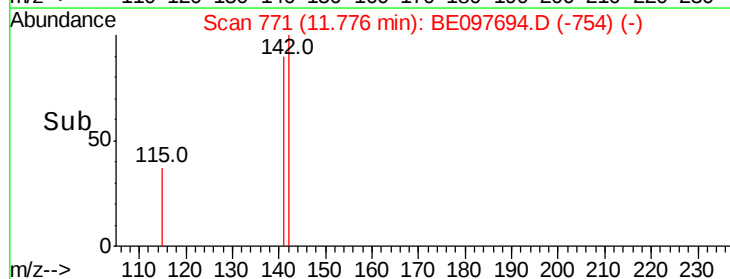
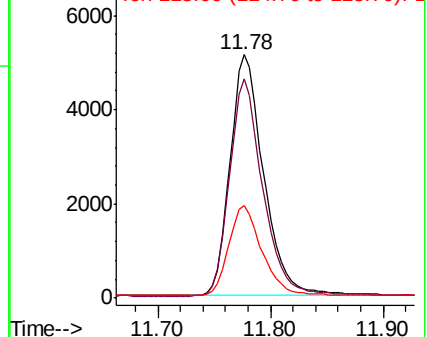
115 37.8 31.7 47.5

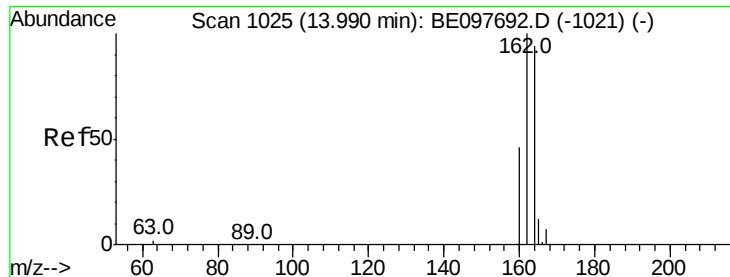


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1026

Delta R.T. 0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

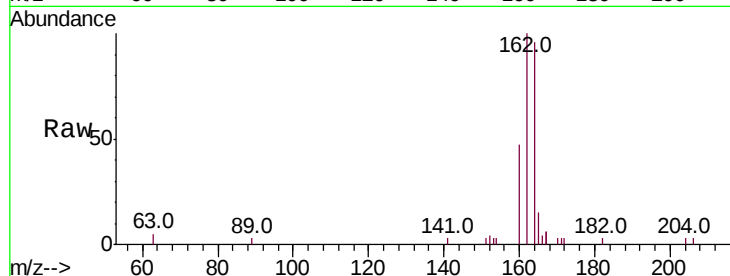
Tot Ion:164 Resp: 2459

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

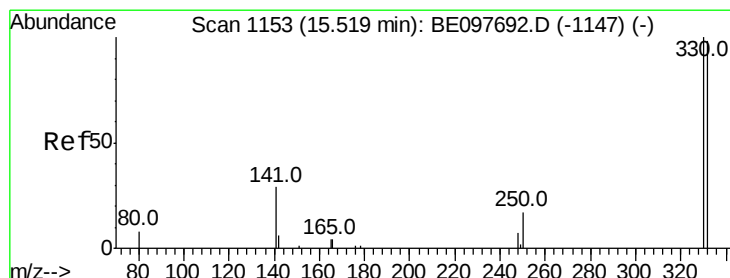
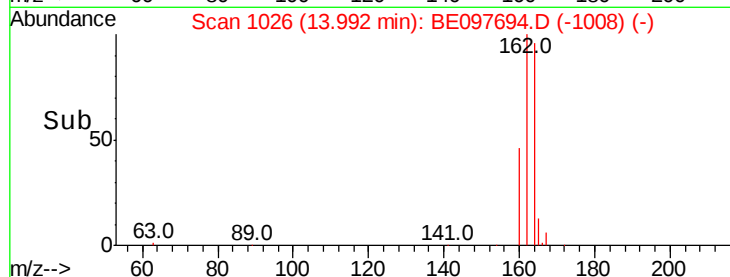
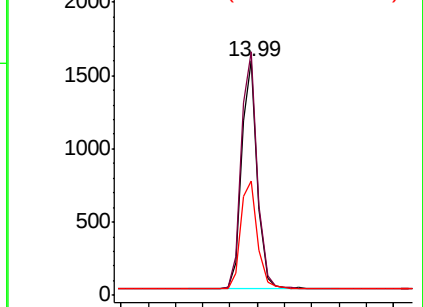
160 49.0 37.1 55.7



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: 1.654 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

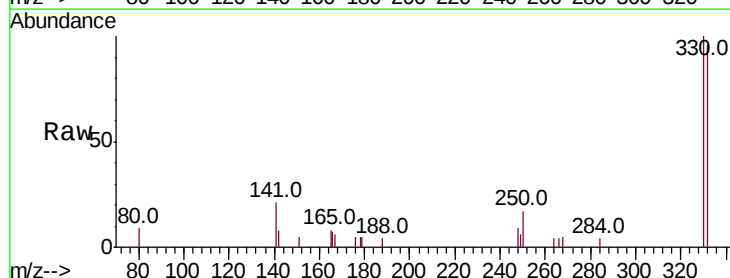
Tgt Ion:330 Resp: 1577

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

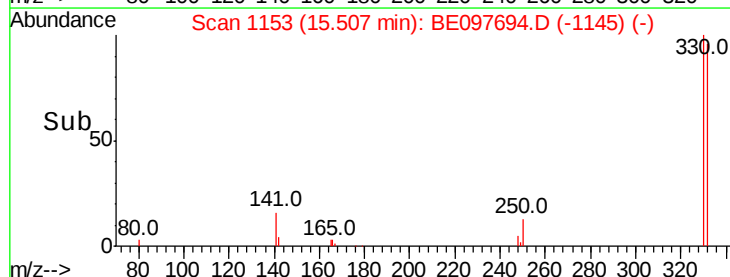
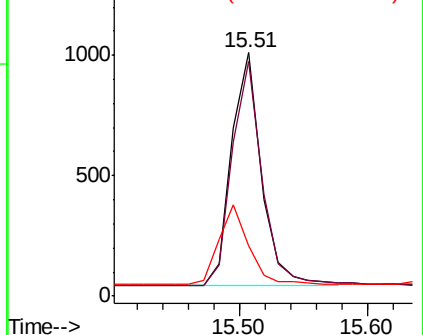
141 33.9 33.7 50.5

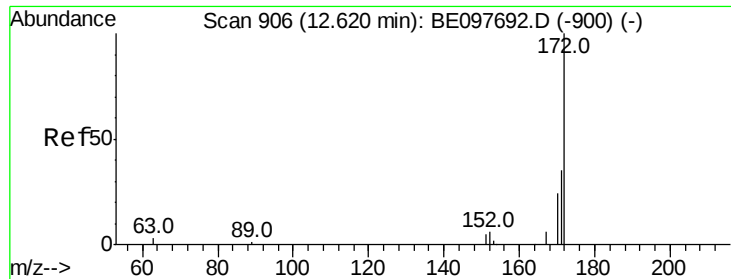


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

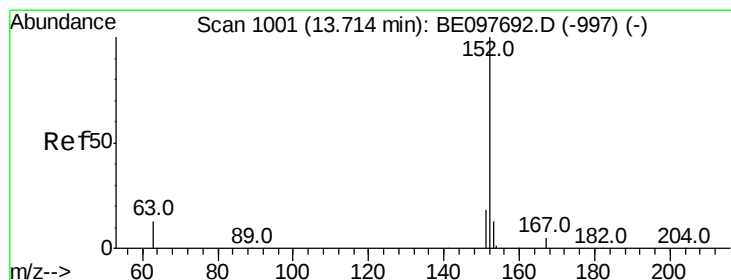
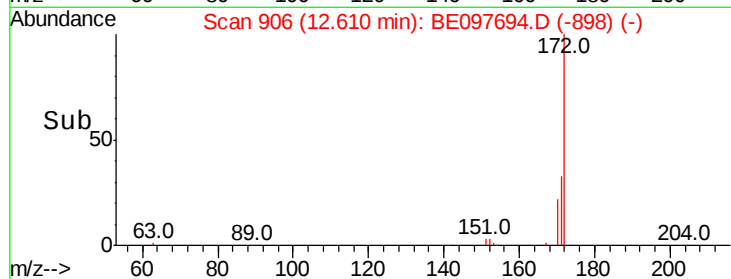
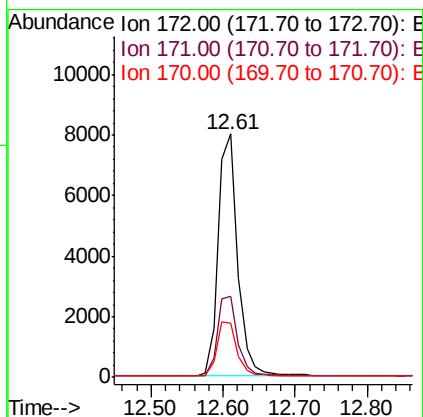
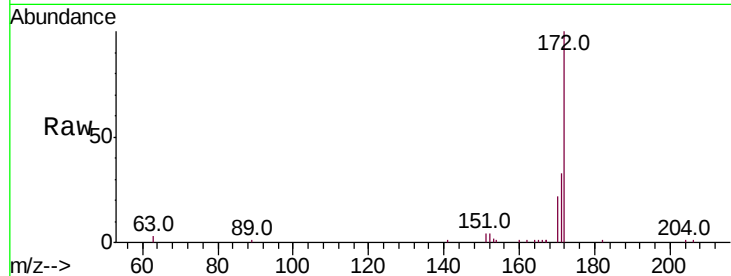




#15
 2-Fluorobiphenyl
 Concen: 1.877 ng
 RT: 12.61 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BE097694.D
 Acq: 27 Sep 2018 14:20

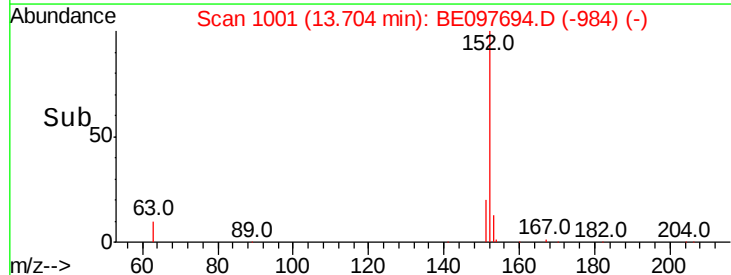
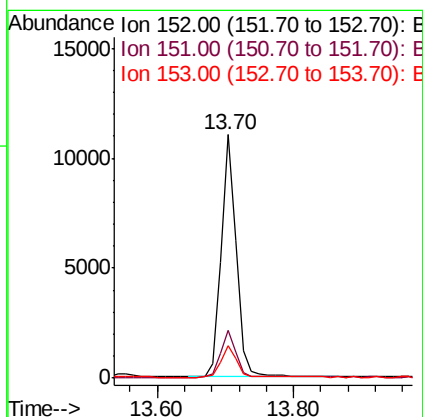
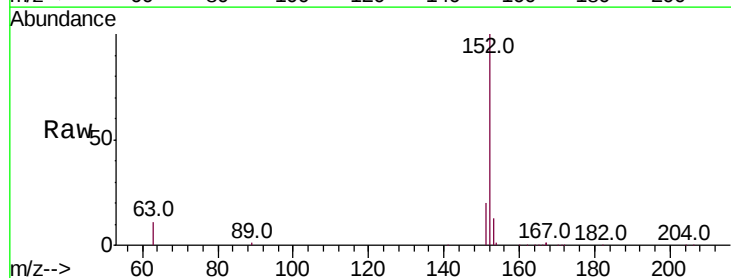
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

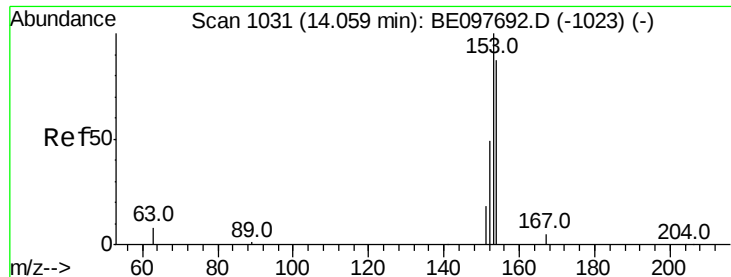
Tot Ion:172 Resp: 15062
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.9 44.9
 170 22.0 21.8 32.8



#16
 Acenaphthylene
 Concen: 1.755 ng
 RT: 13.70 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BE097694.D
 Acq: 27 Sep 2018 14:20

Tgt Ion:152 Resp: 17352
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.7 23.5
 153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 1.752 ng

RT: 14.05 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

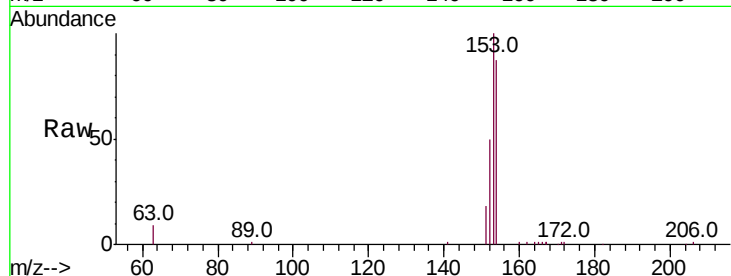
Tot Ion:154 Resp: 11311

Ion Ratio Lower Upper

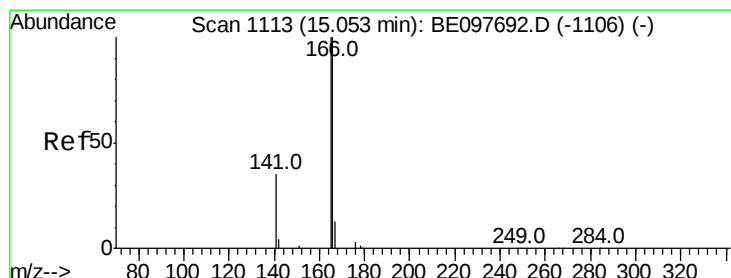
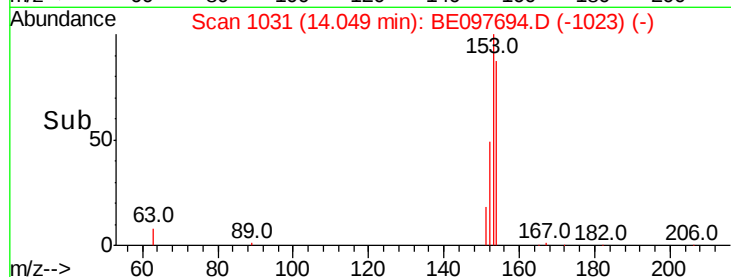
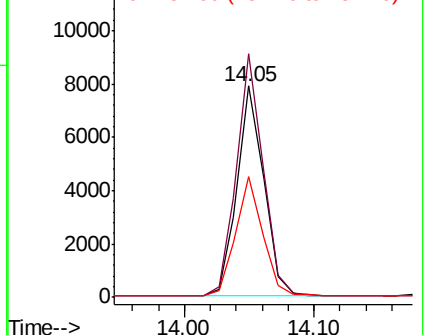
154 100

153 114.3 89.2 133.8

152 56.8 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: 1.592 ng

RT: 15.04 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

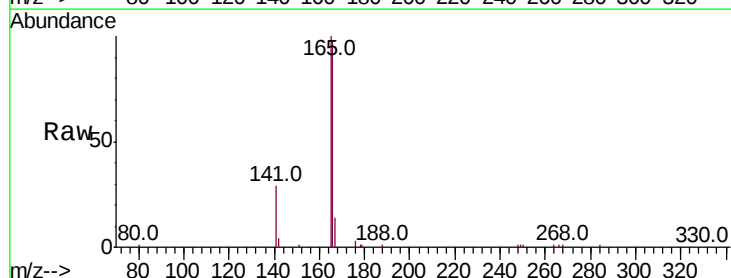
Tgt Ion:166 Resp: 14451

Ion Ratio Lower Upper

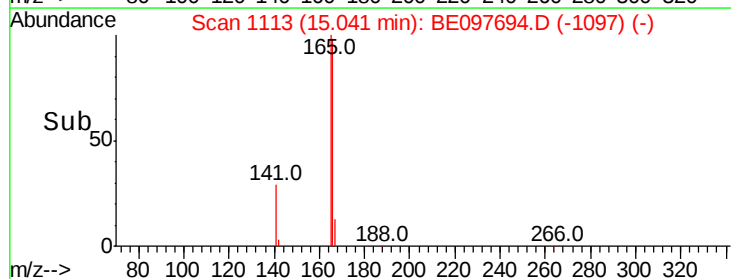
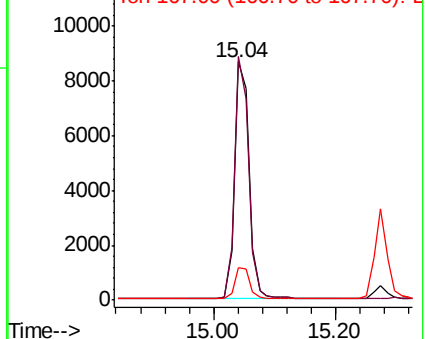
166 100

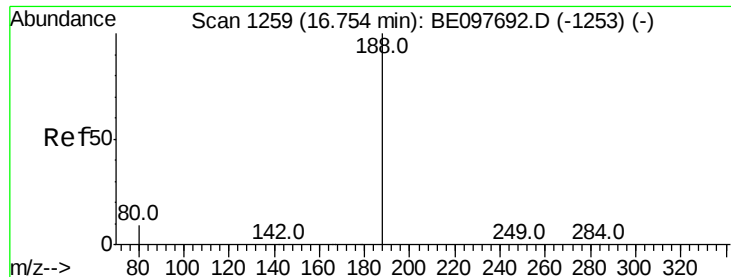
165 99.1 77.8 116.6

167 13.7 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: 16.74 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

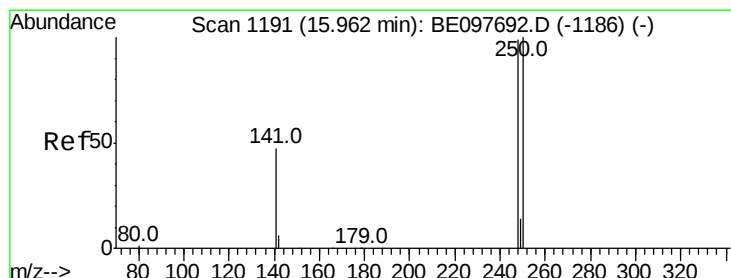
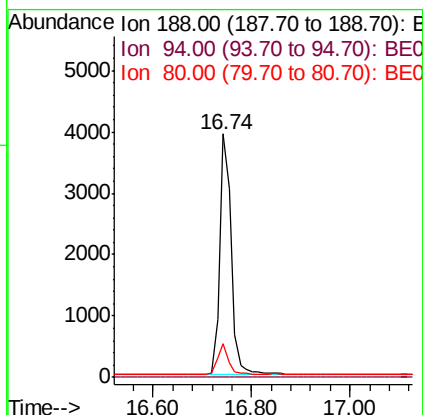
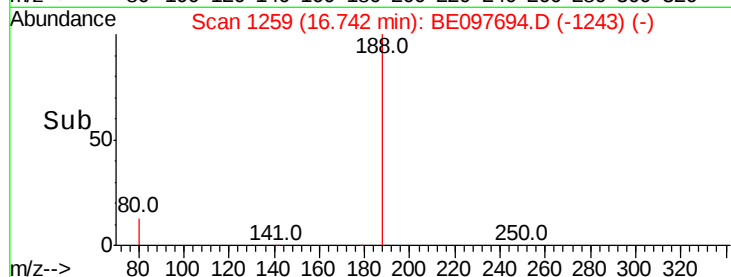
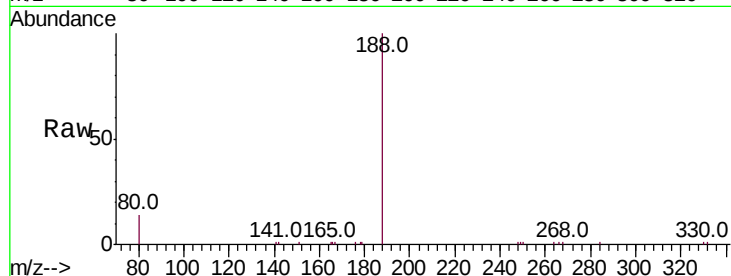
Tot Ion:188 Resp: 6299

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.9 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 1.880 ng

RT: 15.95 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

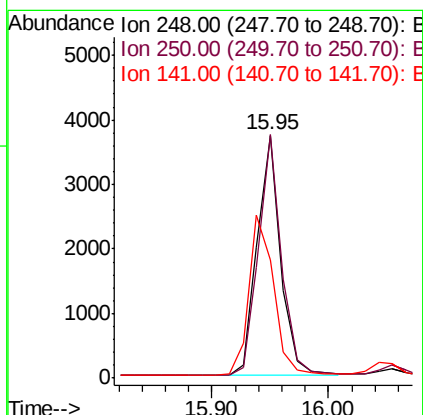
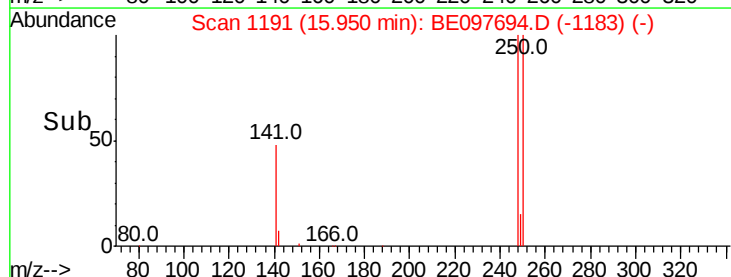
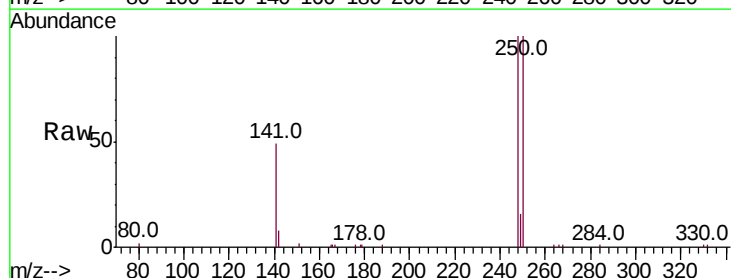
Tgt Ion:248 Resp: 5249

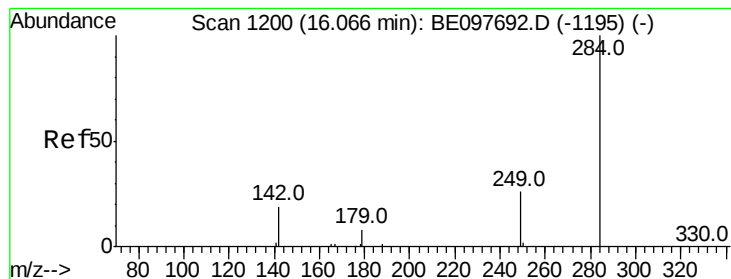
Ion Ratio Lower Upper

248 100

250 100.3 62.7 94.1#

141 48.8 48.2 72.2





#21

Hexachlorobenzene

Concen: 1.779 ng

RT: 16.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

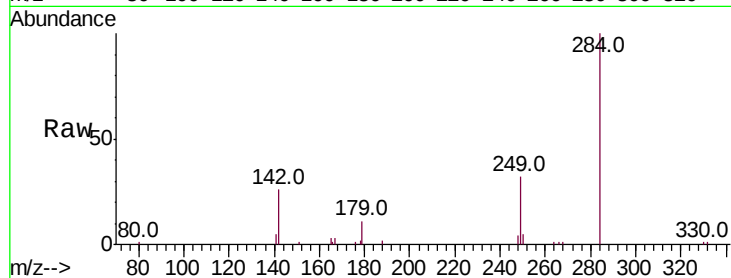
Tot Ion:284 Resp: 5727

Ion Ratio Lower Upper

284 100

142 31.9 22.1 33.1

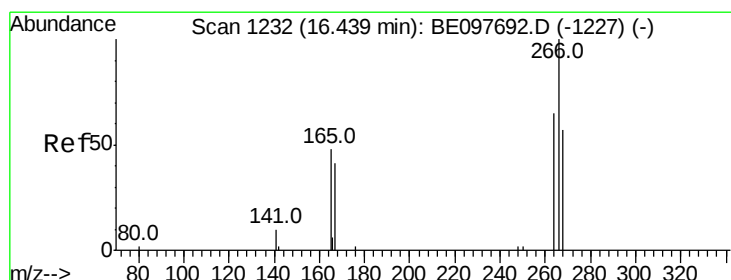
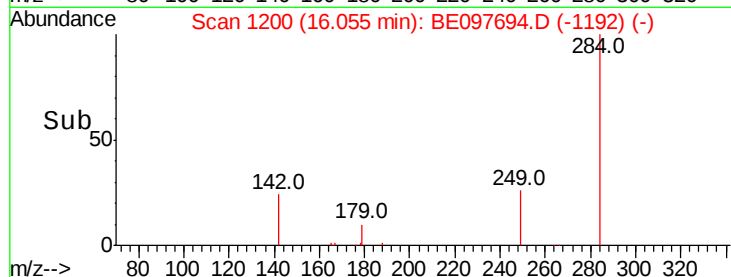
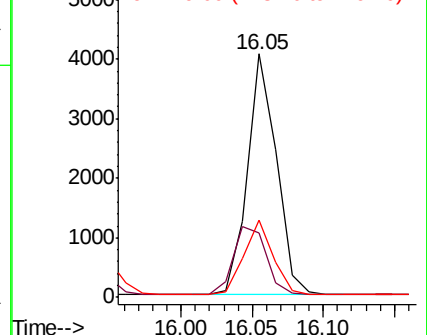
249 30.6 34.8 52.2#



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: 2.095 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

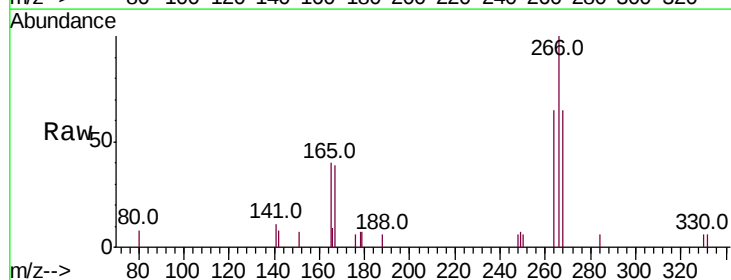
Tgt Ion:266 Resp: 1607

Ion Ratio Lower Upper

266 100

264 64.8 72.5 108.7#

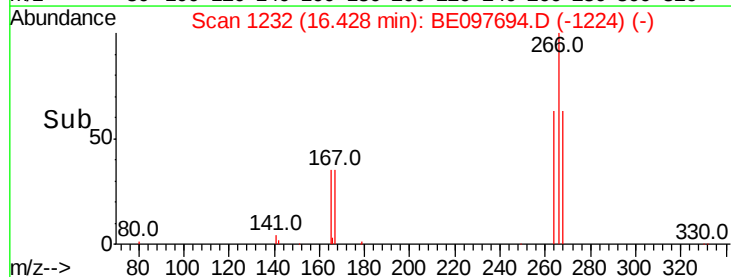
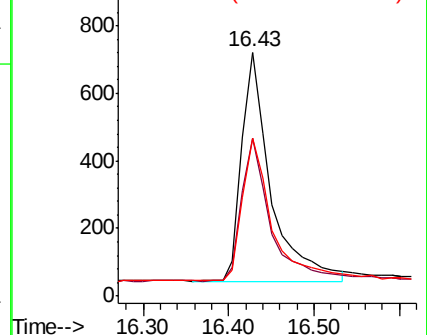
268 64.9 73.8 110.6#

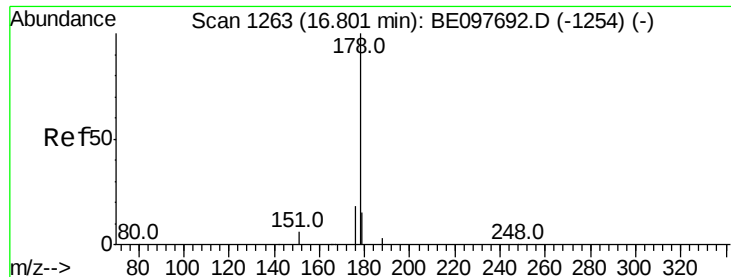


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.750 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

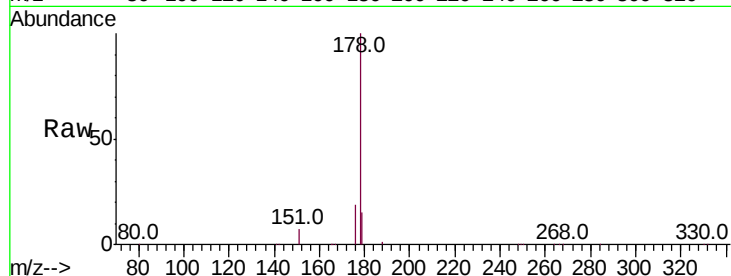
Tot Ion:178 Resp: 26081

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

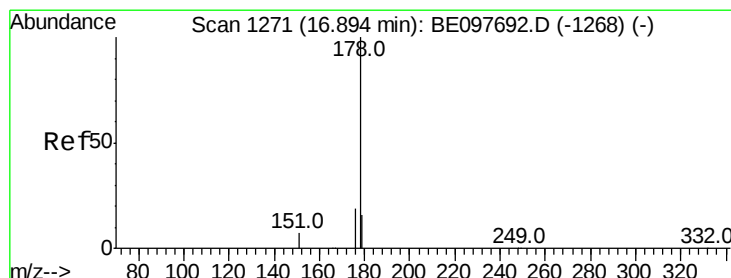
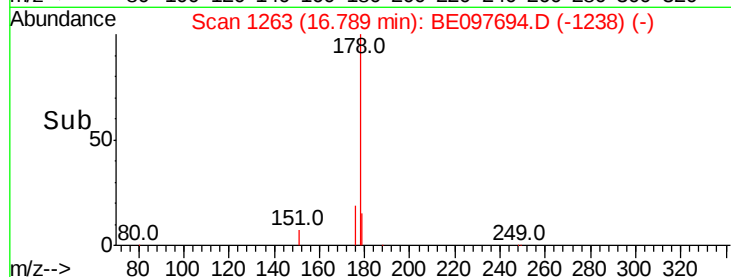
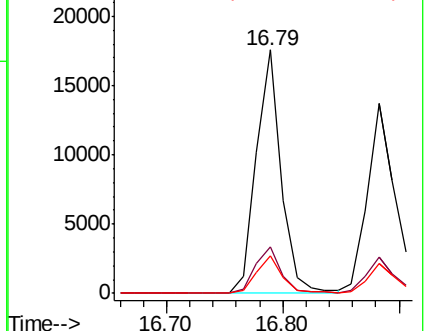
179 15.1 11.8 17.6



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: 1.827 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

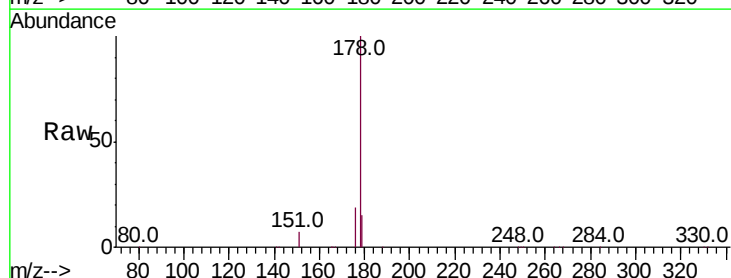
Tgt Ion:178 Resp: 22615

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

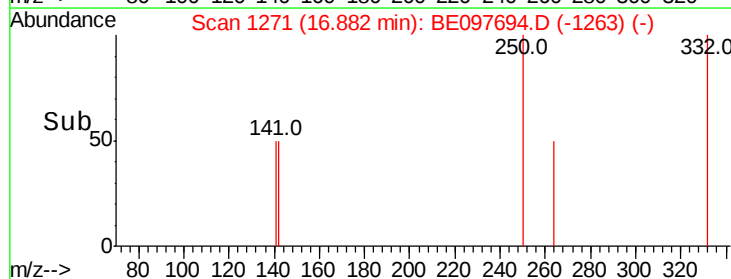
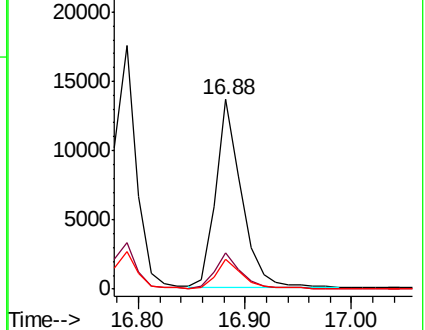
179 15.2 13.0 19.6

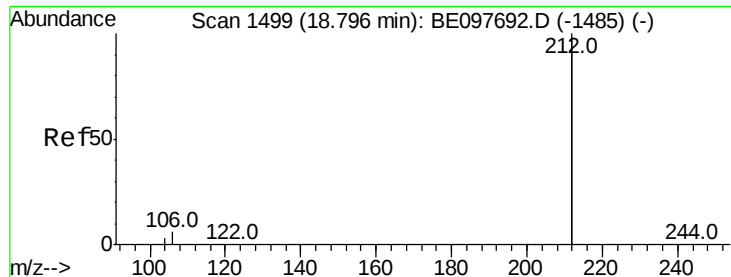


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.776 ng

RT: 18.79 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

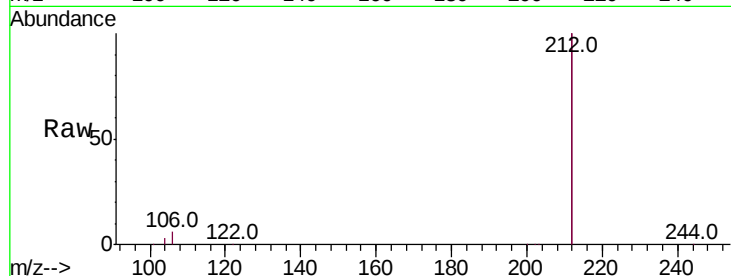
Tot Ion:212 Resp: 121951

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

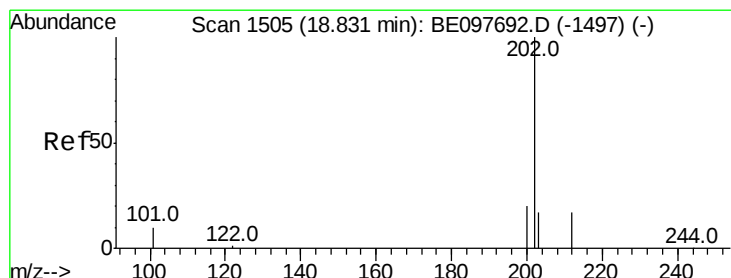
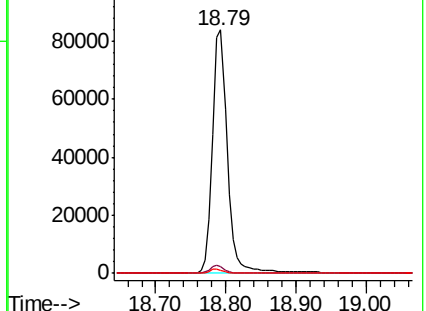
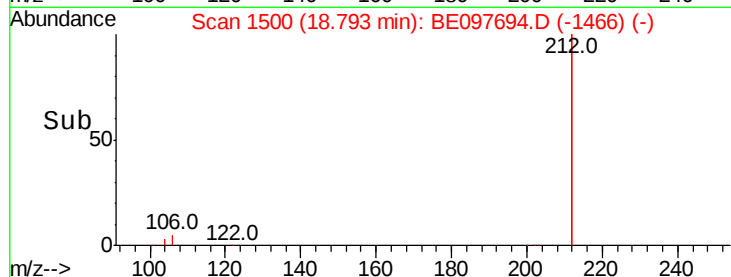
104 1.8 1.6 2.4



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: 1.846 ng

RT: 18.82 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

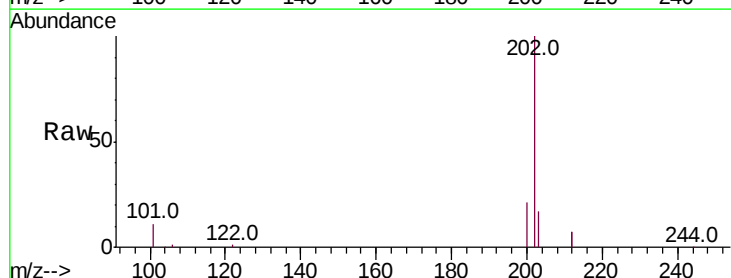
Tgt Ion:202 Resp: 32992

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

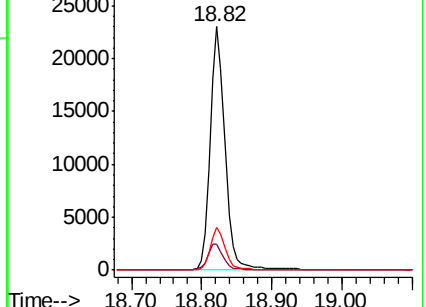
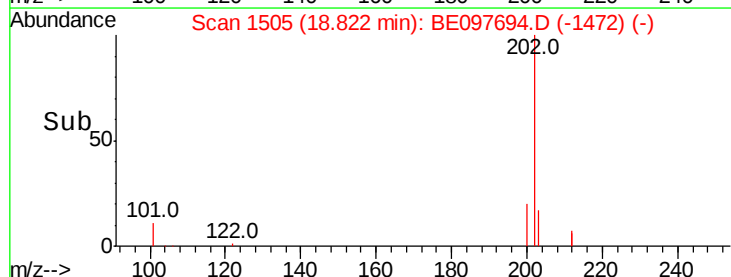
203 17.3 13.7 20.5

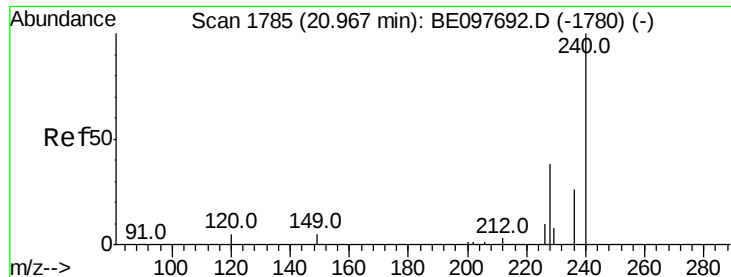


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.95 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

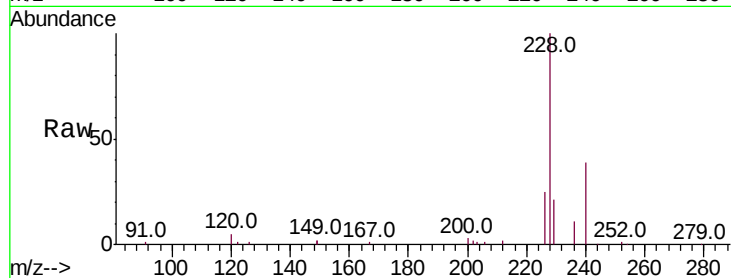
Tot Ion:240 Resp: 8228

Ion Ratio Lower Upper

240 100

120 13.4 5.5 8.3#

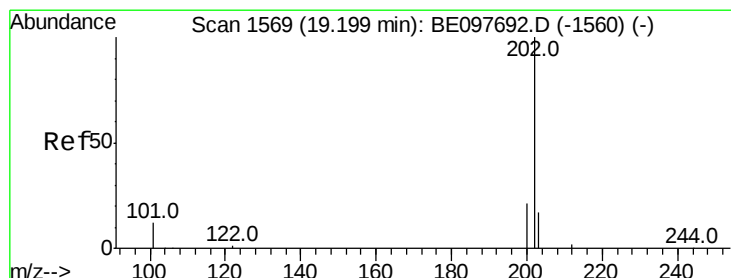
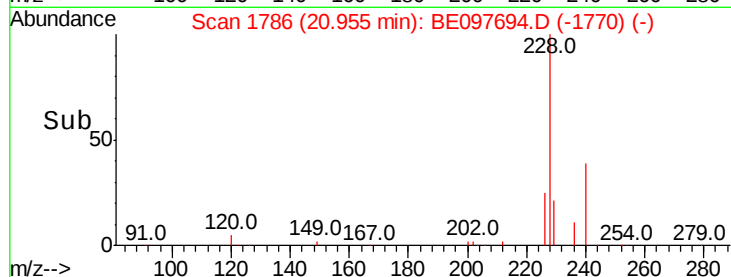
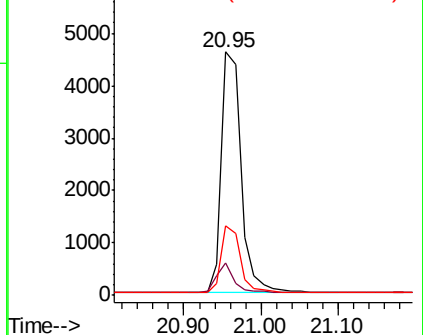
236 28.4 20.7 31.1



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: 1.540 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

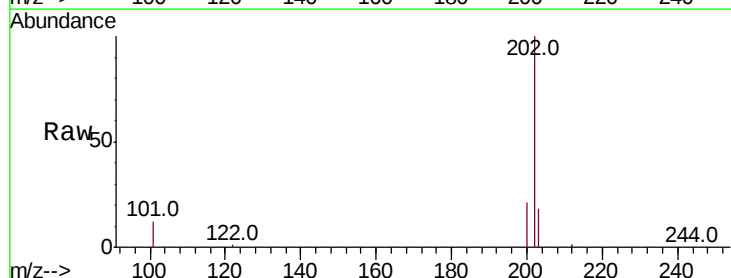
Tgt Ion:202 Resp: 33083

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

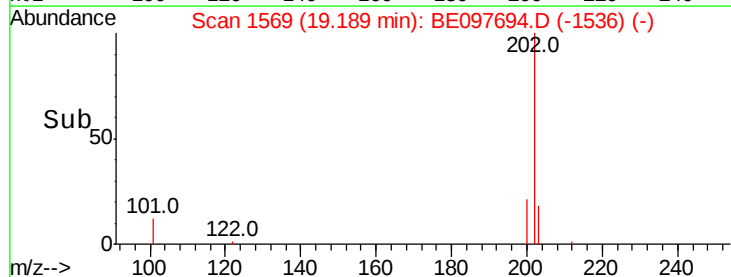
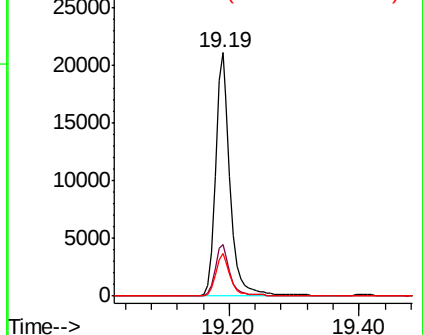
203 17.4 13.8 20.8

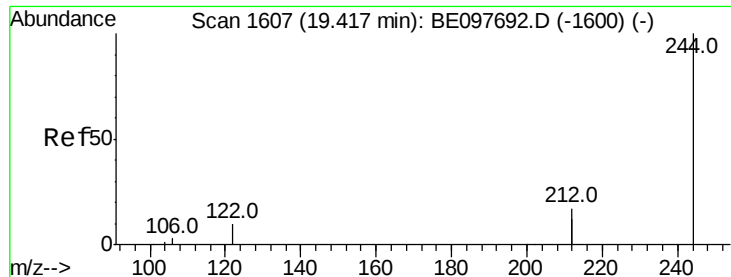


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.633 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

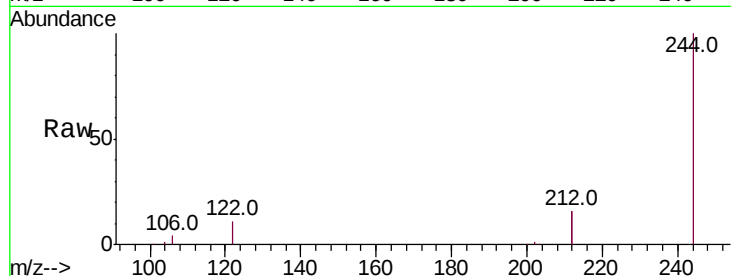
Tot Ion:244 Resp: 26452

Ion Ratio Lower Upper

244 100

212 31.4 25.4 38.0

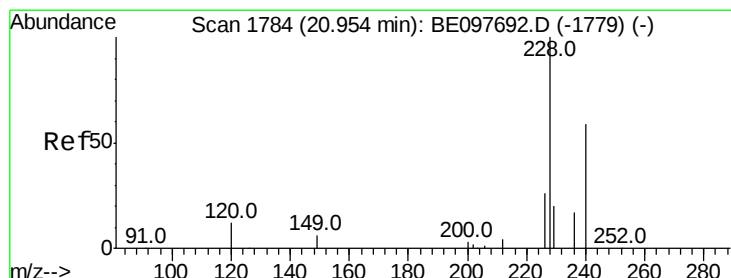
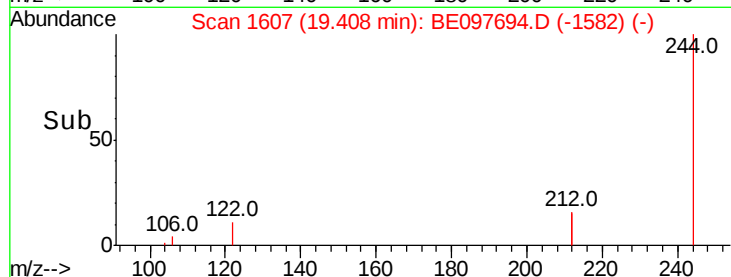
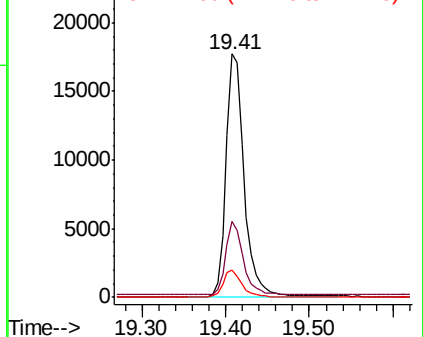
122 11.4 8.1 12.1



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: 1.716 ng

RT: 20.94 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

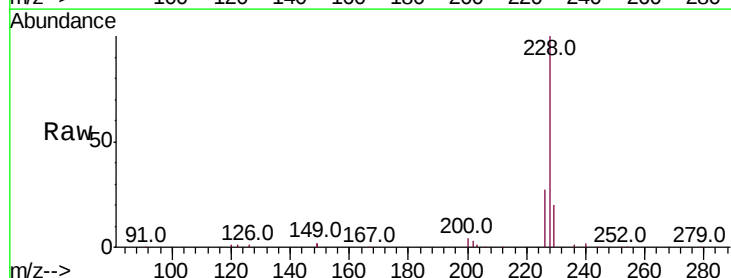
Tgt Ion:228 Resp: 33351

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

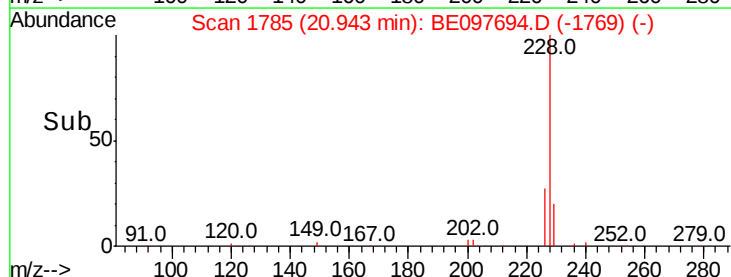
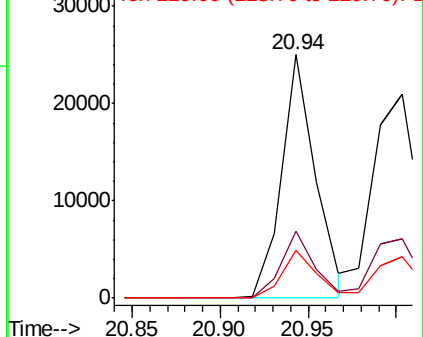
229 19.7 16.0 24.0

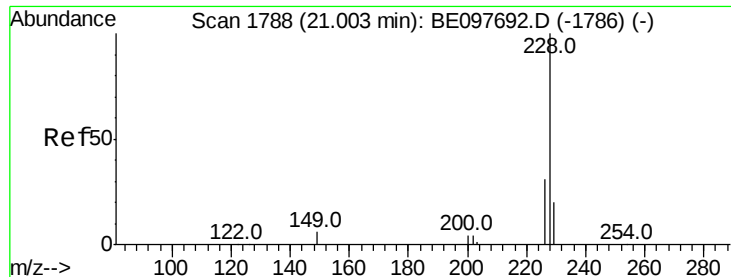


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.680 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

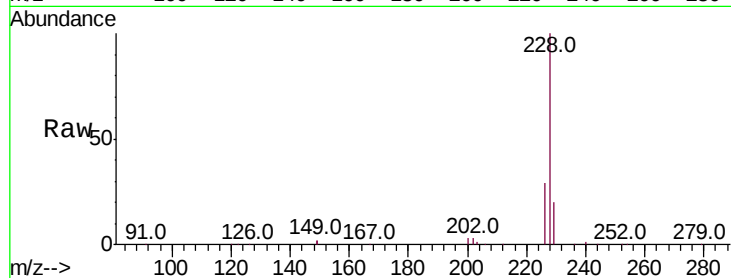
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 38223

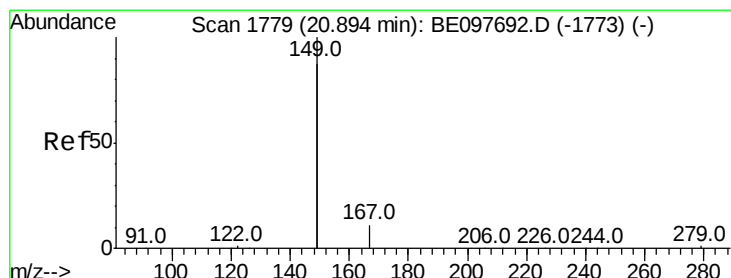
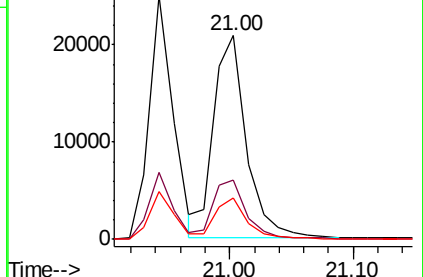
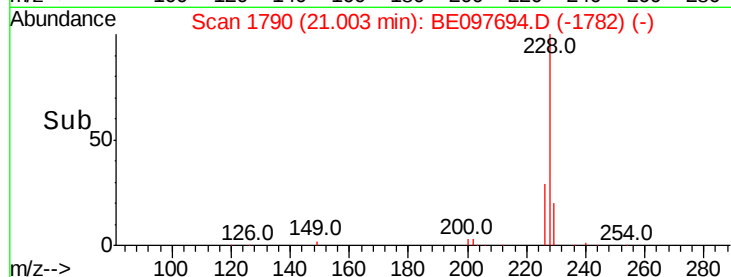
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	20.0	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.707 ng

RT: 20.89 min Scan# 1781

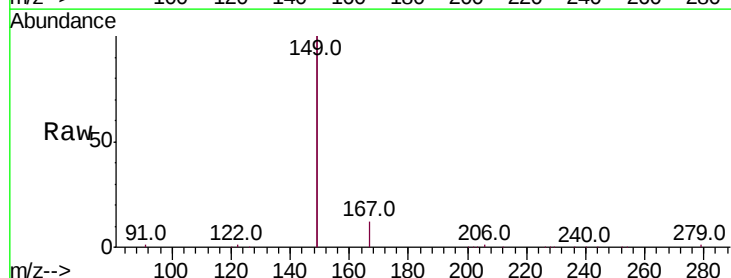
Delta R.T. 0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Tgt Ion:149 Resp: 37918

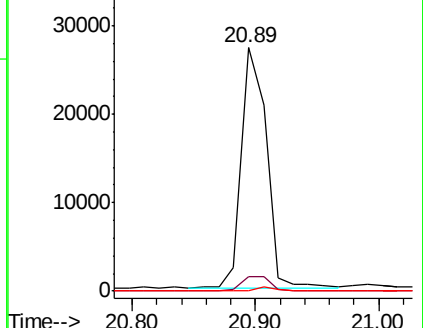
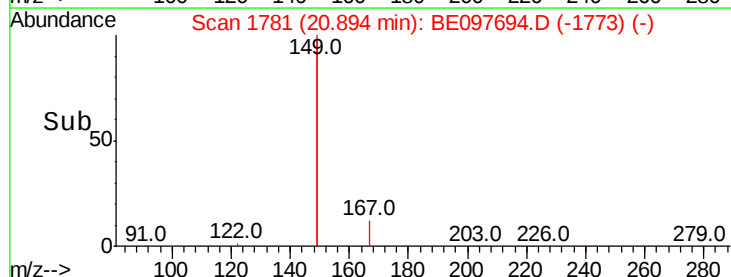
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1

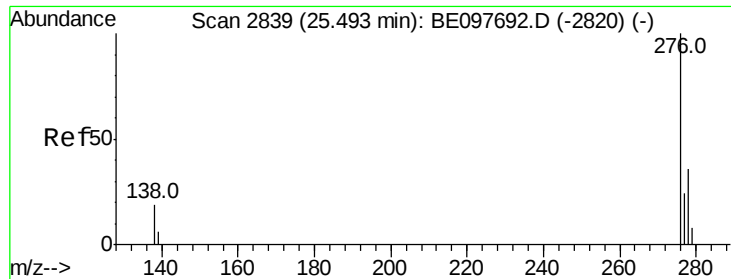


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.668 ng

RT: 25.49 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

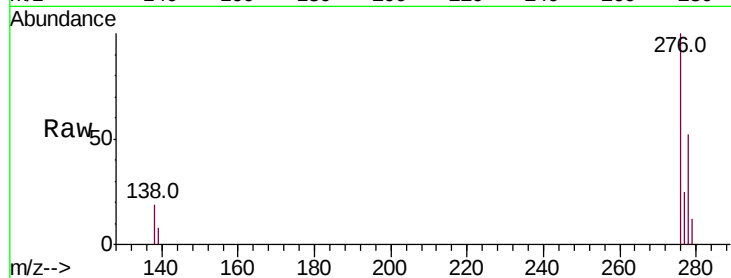
Tot Ion:276 Resp: 39985

Ion Ratio Lower Upper

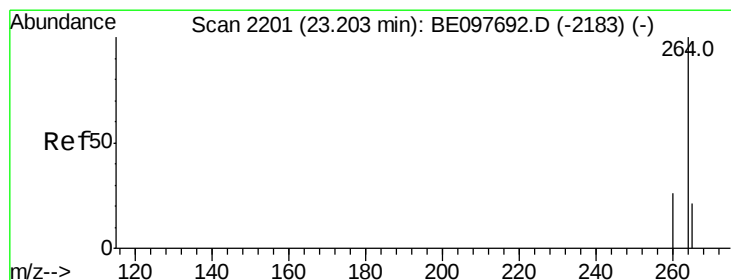
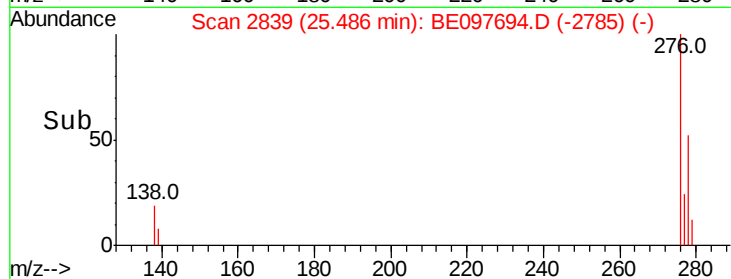
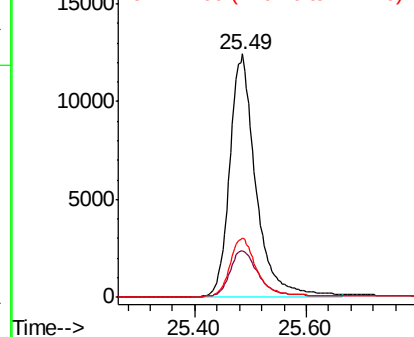
276 100

138 21.0 22.5 33.7#

277 24.9 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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

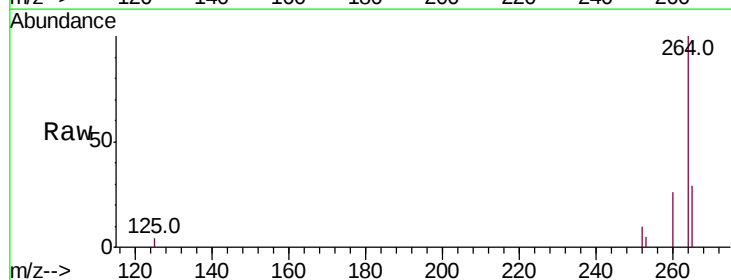
Tgt Ion:264 Resp: 6927

Ion Ratio Lower Upper

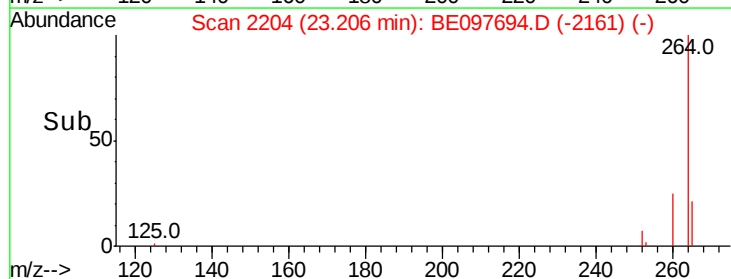
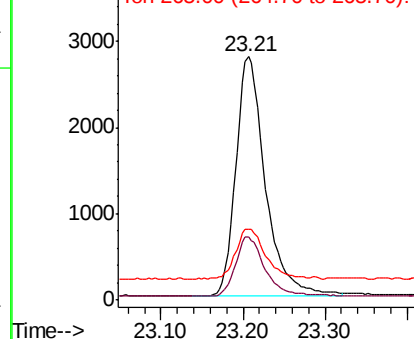
264 100

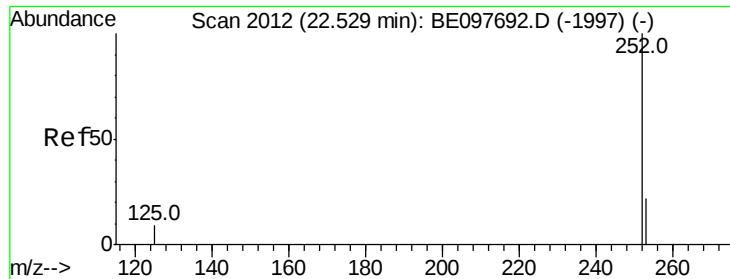
260 26.0 20.5 30.7

265 29.1 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: 1.866 ng

RT: 22.52 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

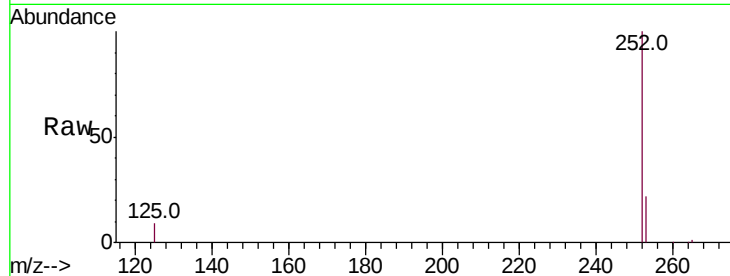
Tot Ion:252 Resp: 33042

Ion Ratio Lower Upper

252 100

253 22.2 20.0 30.0

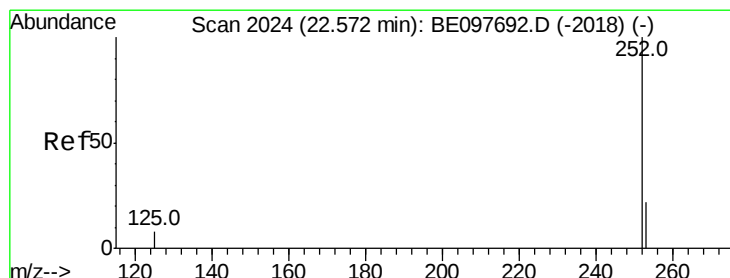
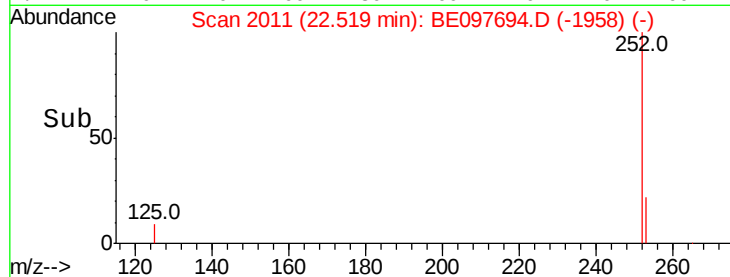
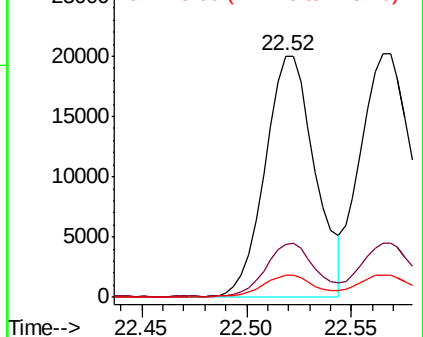
125 9.2 16.0 24.0#



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: 1.802 ng

RT: 22.56 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

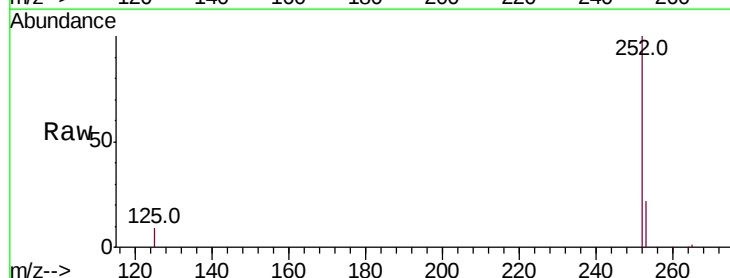
Tgt Ion:252 Resp: 37765

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

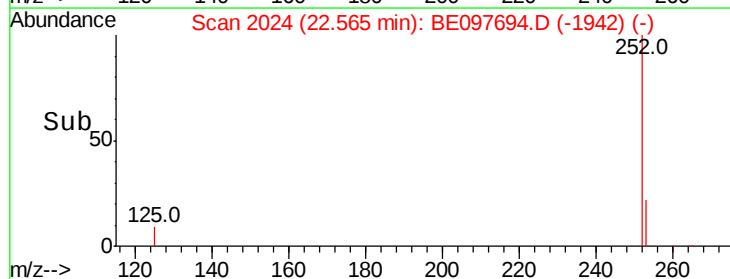
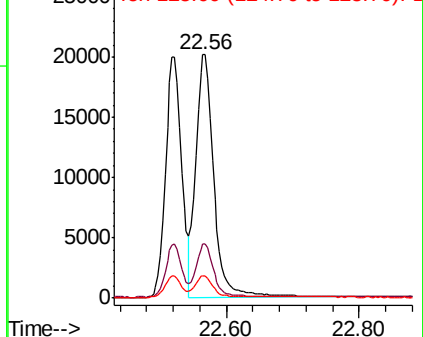
125 9.3 8.0 12.0

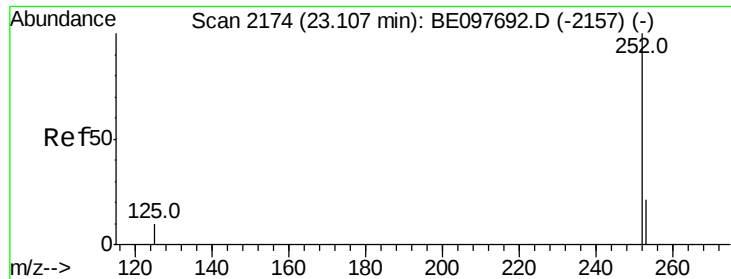


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.761 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

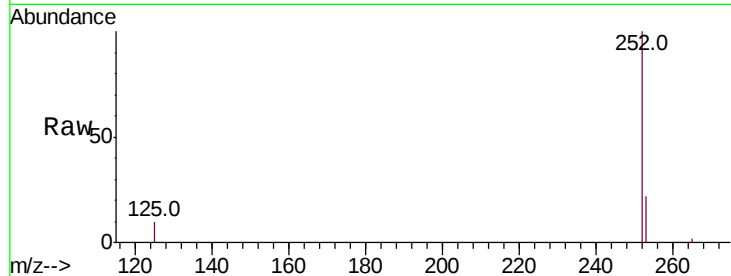
Tot Ion:252 Resp: 30800

Ion Ratio Lower Upper

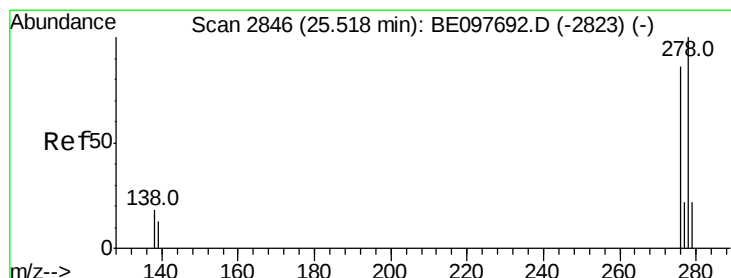
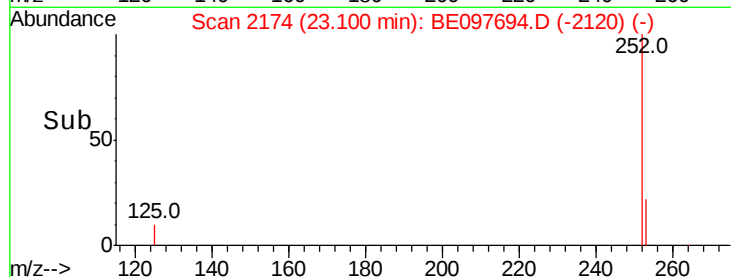
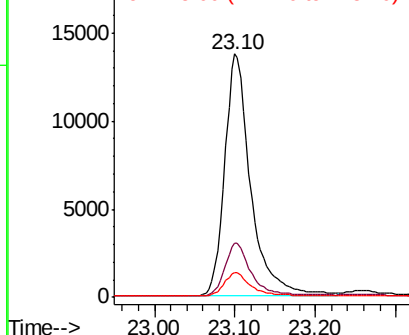
252 100

253 22.4 16.0 24.0

125 10.3 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: 1.842 ng

RT: 25.50 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

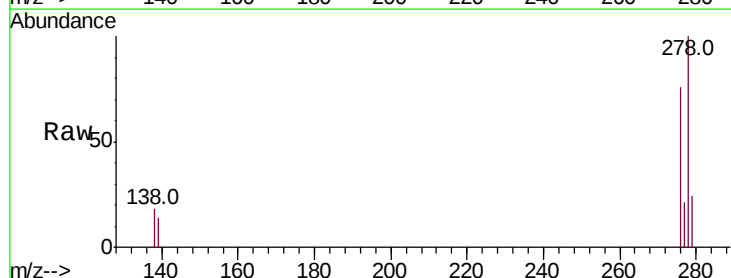
Tgt Ion:278 Resp: 33882

Ion Ratio Lower Upper

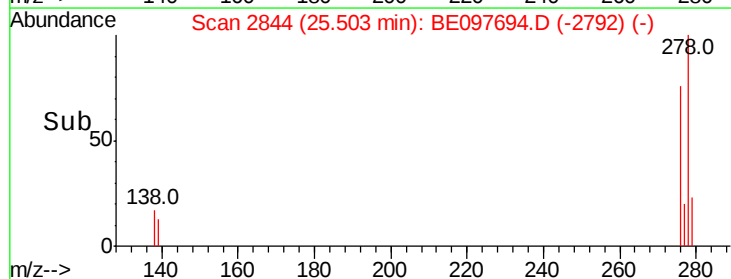
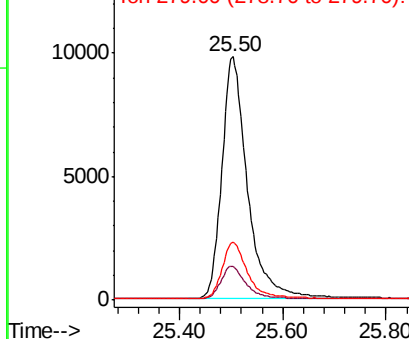
278 100

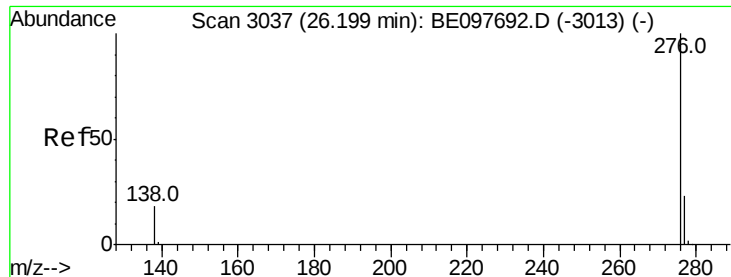
139 13.7 16.0 24.0#

279 23.9 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: 1.844 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097694.D

Acq: 27 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

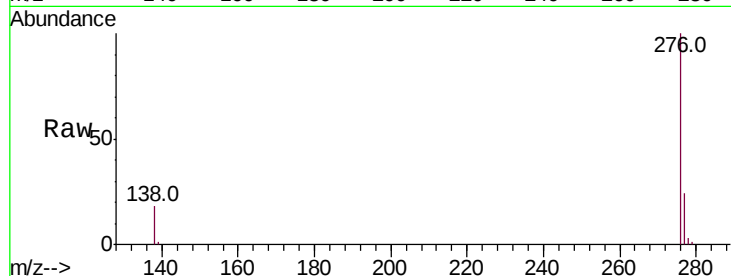
Tot Ion:276 Resp: 33741

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 18.3 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

