

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097335.D
 Acq On : 20 Aug 2018 16:45
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 20 17:32:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 16:08:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	956	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4999	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2537	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6151	0.40	ng	0.00
27) Chrysene-d12	20.98	240	5634	0.40	ng	0.00
34) Perylene-d12	23.21	264	3950	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1858	0.59	ng	0.00
5) Phenol-d6	6.60	99	2774	0.62	ng	0.00
8) Nitrobenzene-d5	8.52	82	1975	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	5614	0.77	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	397	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	8259	0.87	ng	0.00
25) Fluoranthene-d10	18.81	212	45450	0.74	ng	0.00
29) Terphenyl-d14	19.43	244	9105	0.86	ng	0.00

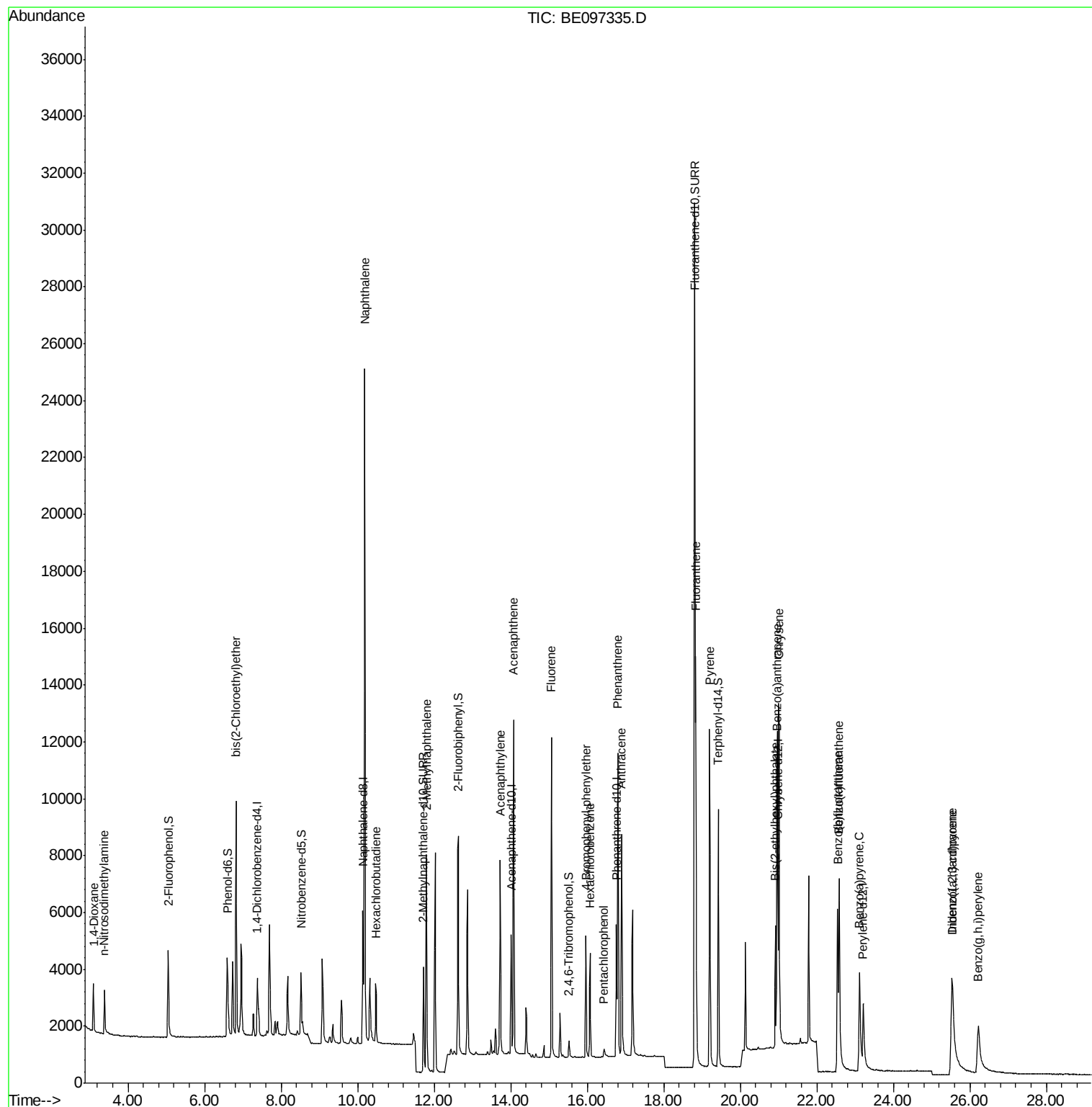
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1093	1.018	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	1121	0.900	ng	# 84
6) bis(2-Chloroethyl)ether	6.83	93	2716	0.759	ng	97
9) Naphthalene	10.19	128	36993	0.792	ng	99
10) Hexachlorobutadiene	10.47	225	1576	0.747	ng	97
12) 2-Methylnaphthalene	11.80	142	5841	0.763	ng	100
16) Acenaphthylene	13.73	152	7744	0.661	ng	100
17) Acenaphthene	14.07	154	5619	0.835	ng	# 92
18) Fluorene	15.06	166	6834	0.818	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	2331	0.725	ng	# 81
21) Hexachlorobenzene	16.08	284	2938	0.806	ng	# 83
22) Pentachlorophenol	16.44	266	260	0.321	ng	83
23) Phenanthrene	16.80	178	11999	0.808	ng	98
24) Anthracene	16.89	178	9762	0.734	ng	95
26) Fluoranthene	18.84	202	12828	0.781	ng	99
28) Pyrene	19.20	202	12103	0.797	ng	100
30) Benzo(a)anthracene	20.96	228	10206	0.720	ng	98
31) Chrysene	21.00	228	12252	0.845	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	5235	0.286	ng	99
33) Indeno(1,2,3-cd)pyrene	25.53	276	8053	0.515	ng	# 89
35) Benzo(b)fluoranthene	22.54	252	8431	0.858	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	12270	1.027	ng	96
37) Benzo(a)pyrene	23.12	252	7768	0.787	ng	93
38) Dibenzo(a,h)anthracene	25.55	278	6594	0.677	ng	95
39) Benzo(g,h,i)perylene	26.22	276	6574	0.669	ng	# 90

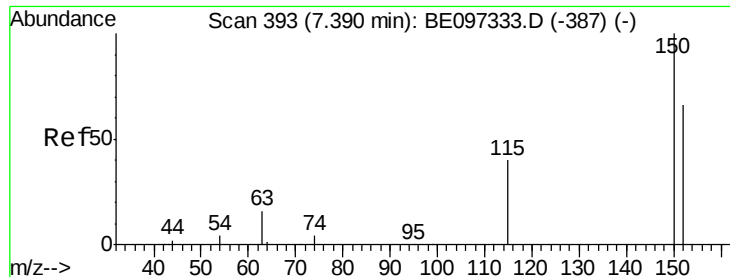
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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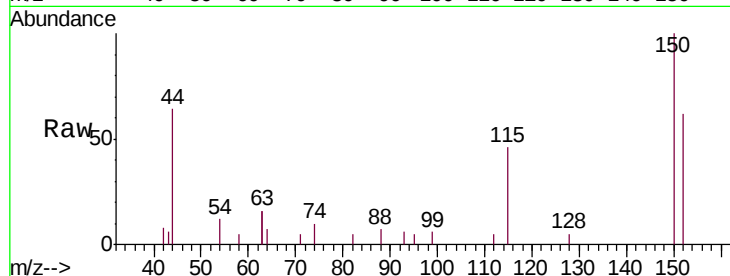


#1

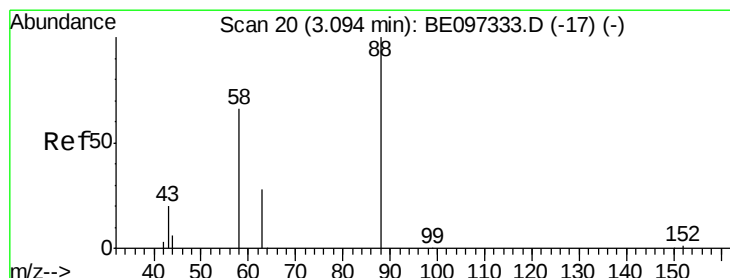
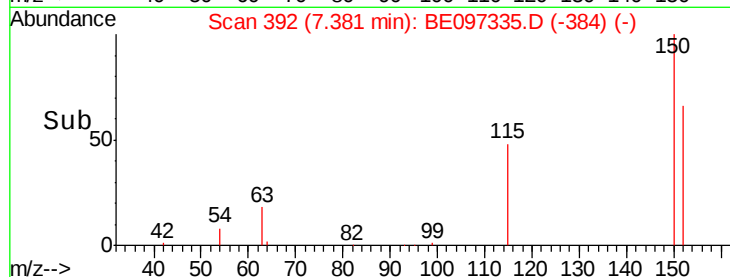
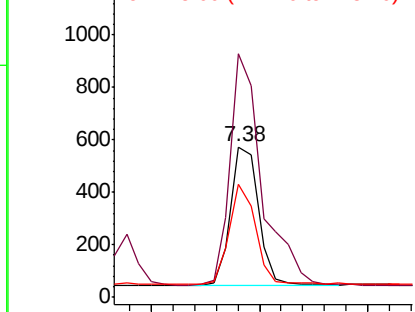
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion:152 Resp: 956
Ion Ratio Lower Upper
152 100
150 161.7 117.2 175.8
115 75.1 57.0 85.6



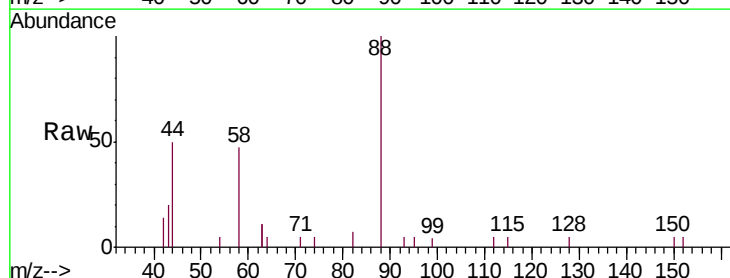
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



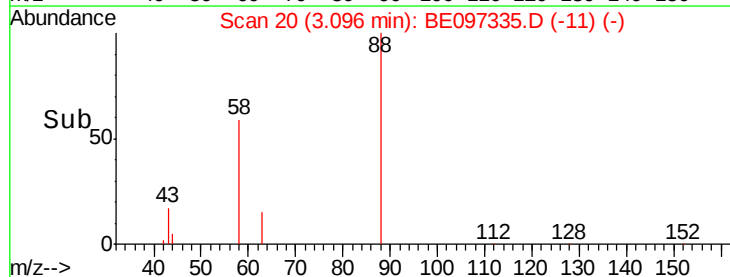
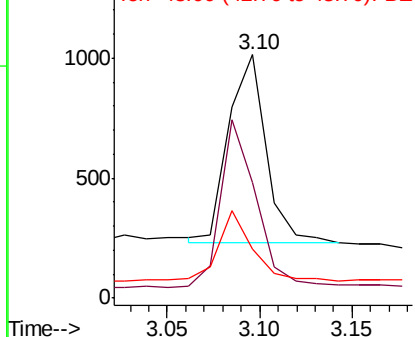
#2

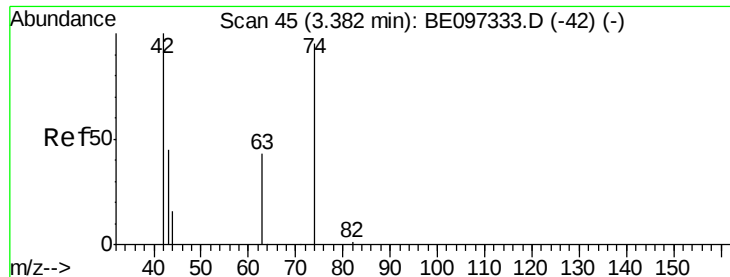
1,4-Dioxane
Concen: 1.018 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

Tgt Ion: 88 Resp: 1093
Ion Ratio Lower Upper
88 100
58 86.3 63.2 94.8
43 34.9 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: 0.900 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

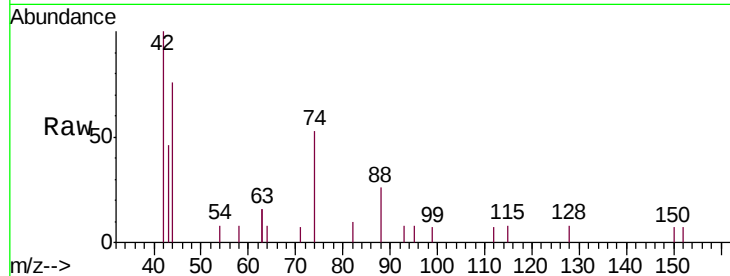
Tgt Ion: 42 Resp: 1121

Ion Ratio Lower Upper

42 100

74 101.1 96.0 144.0

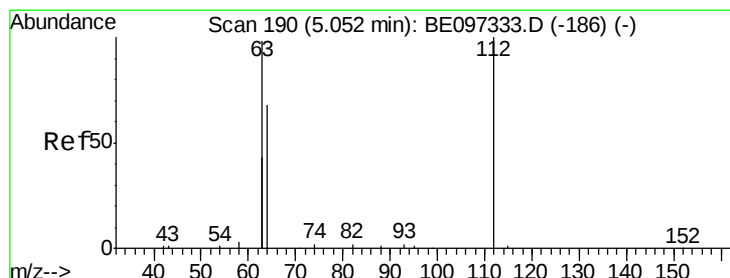
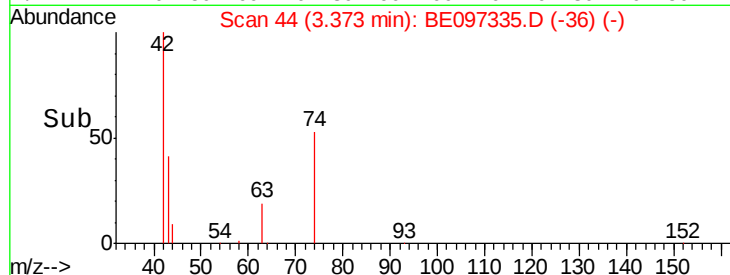
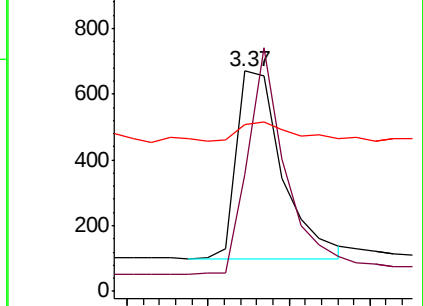
44 11.8 12.0 18.0#



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: 0.591 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

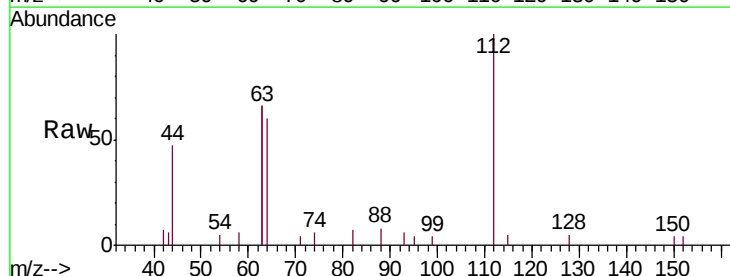
Tgt Ion: 112 Resp: 1858

Ion Ratio Lower Upper

112 100

64 67.7 60.1 90.1

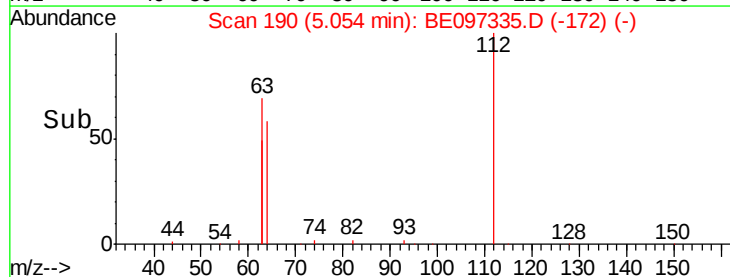
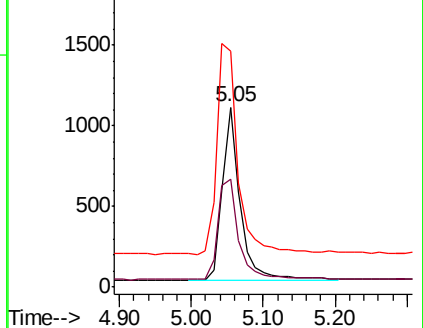
63 141.0 116.8 175.2

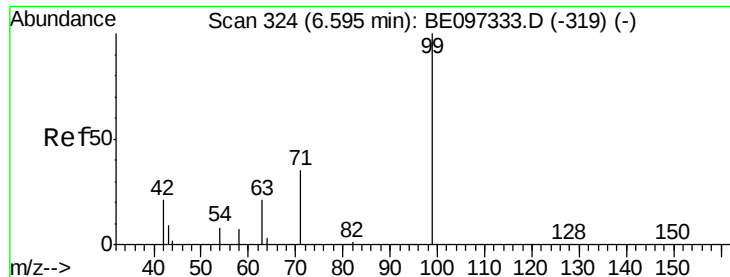


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.618 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

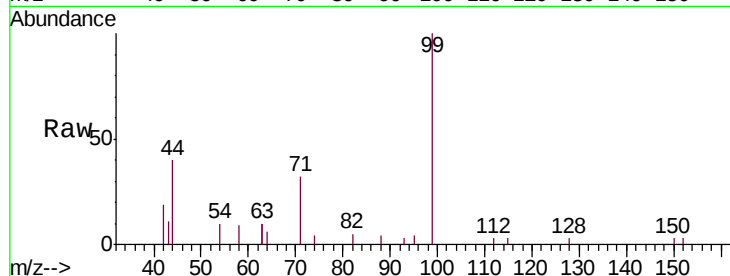
Tgt Ion: 99 Resp: 2774

Ion Ratio Lower Upper

99 100

42 23.1 20.2 30.2

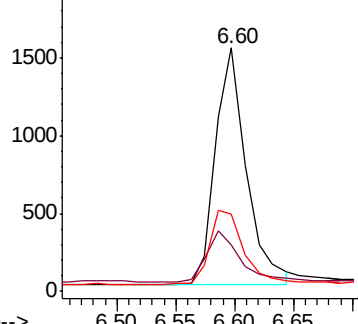
71 34.4 28.4 42.6



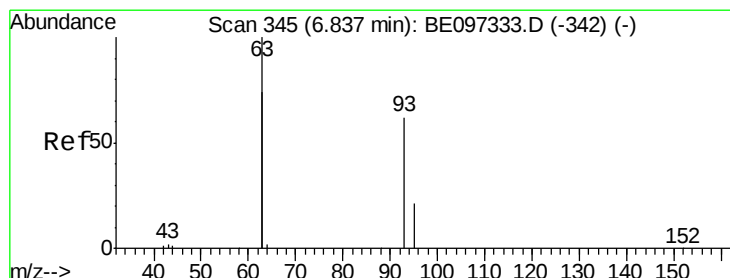
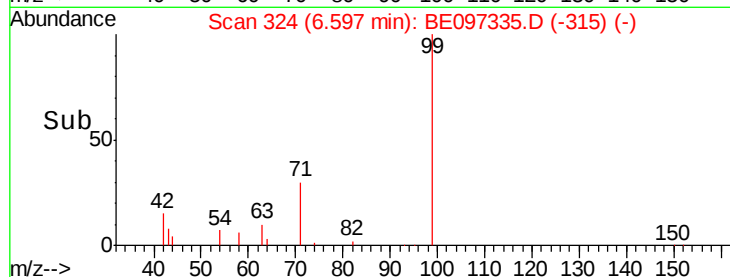
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.759 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

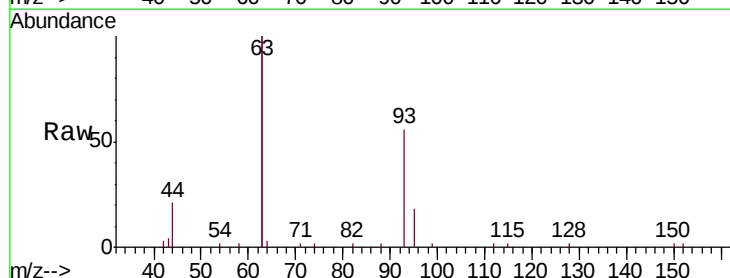
Tgt Ion: 93 Resp: 2716

Ion Ratio Lower Upper

93 100

63 338.0 275.3 412.9

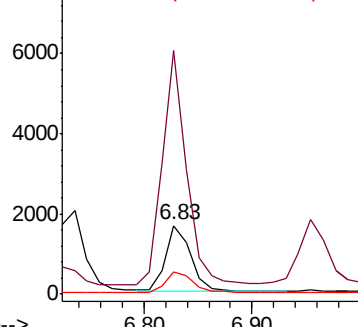
95 32.1 25.2 37.8



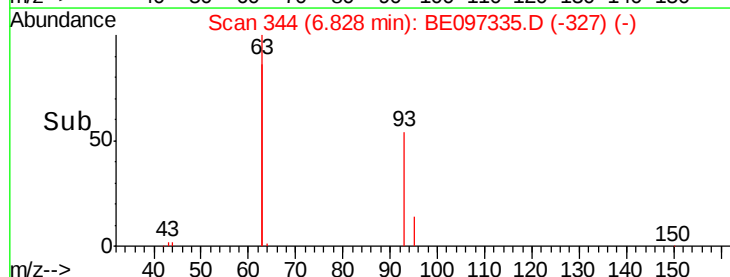
Abundance Ion 93.00 (92.70 to 93.70): BE0

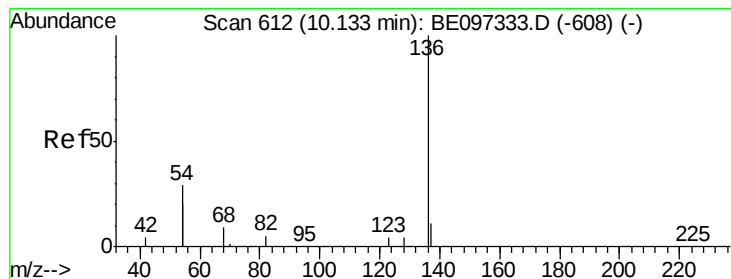
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 4999

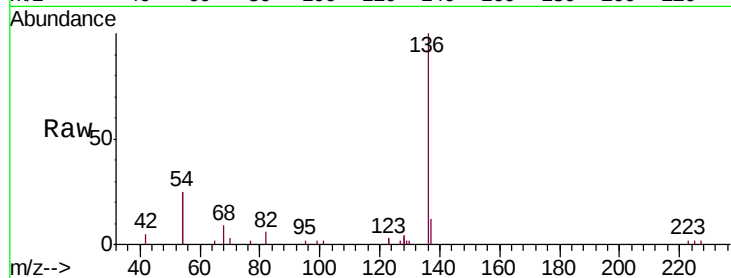
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 49.1 29.1 43.7#

68 9.3 6.2 9.2#



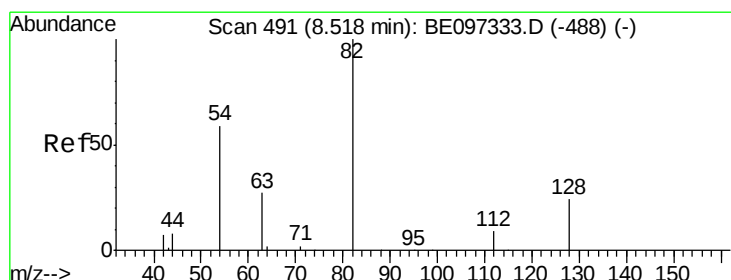
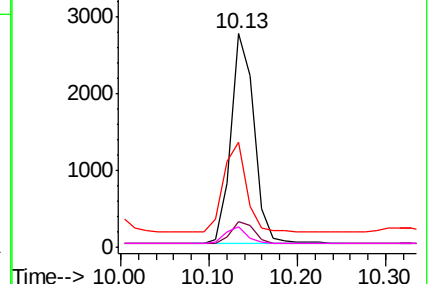
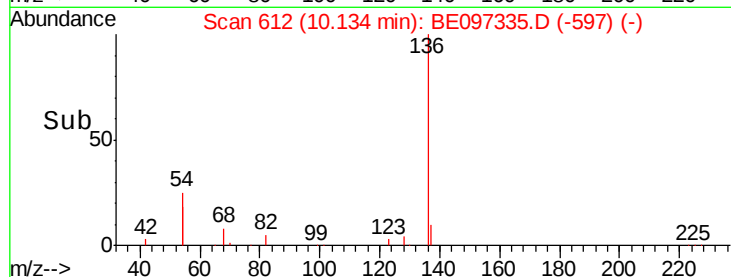
Abundance

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: 0.432 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

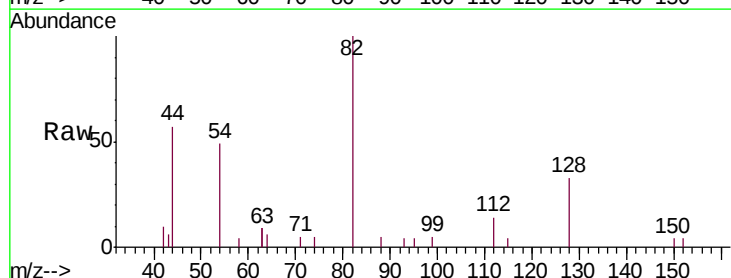
Tgt Ion: 82 Resp: 1975

Ion Ratio Lower Upper

82 100

128 32.5 24.0 36.0

54 49.0 40.0 60.0

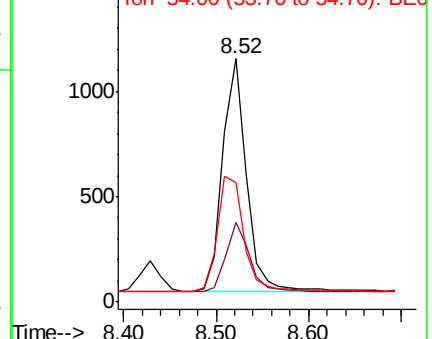
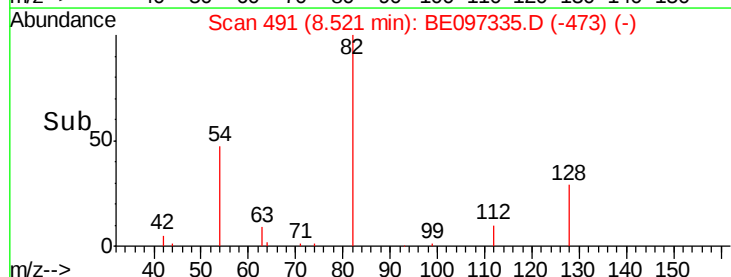


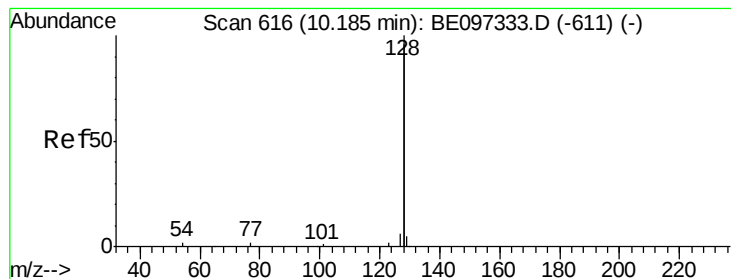
Abundance

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: 0.792 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

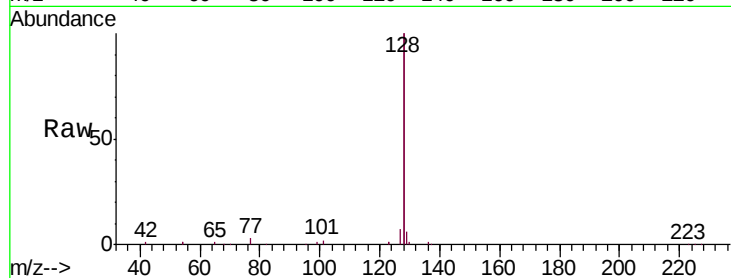
Tgt Ion:128 Resp: 36993

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

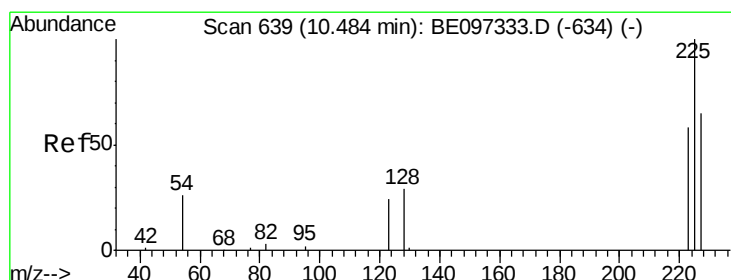
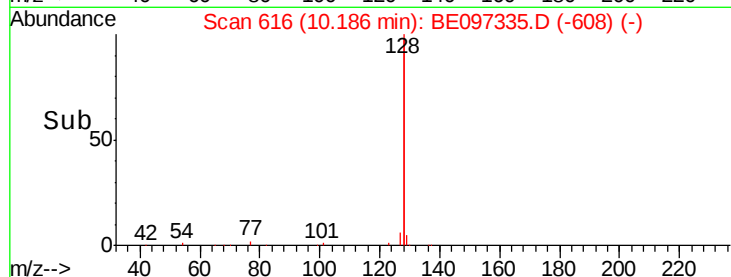
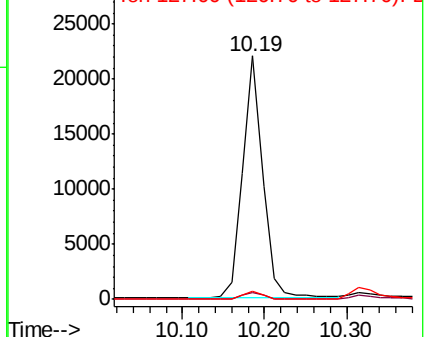
127 3.4 2.8 4.2



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: 0.747 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

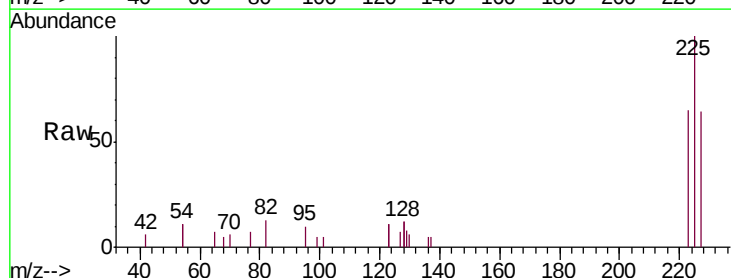
Tgt Ion:225 Resp: 1576

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

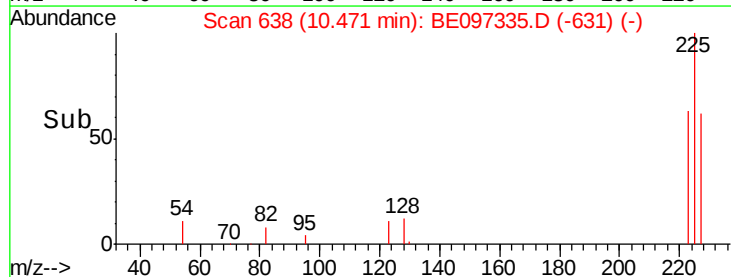
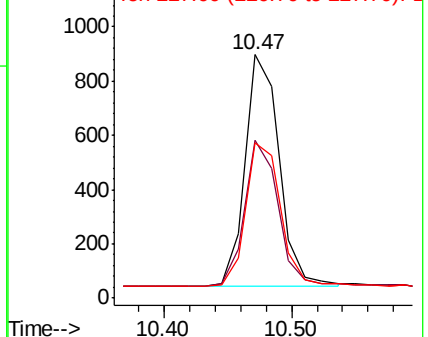
227 63.3 51.4 77.2

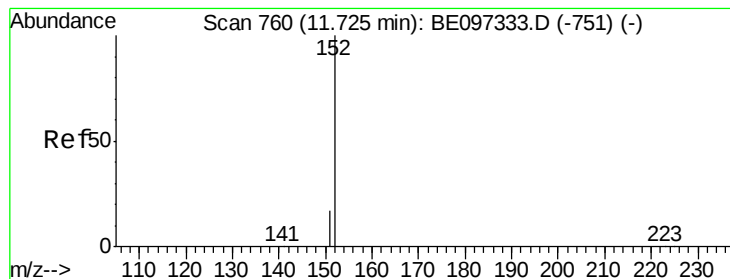


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.773 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

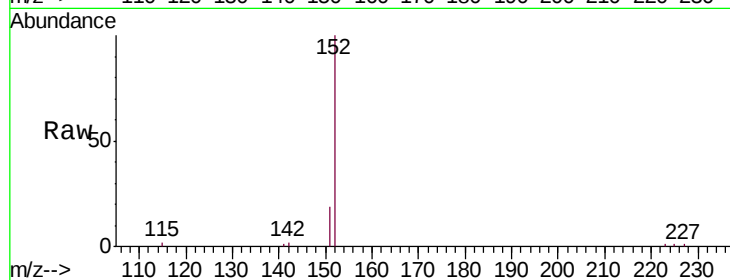
SSTDIC0.8

Tgt Ion:152 Resp: 5614

Ion Ratio Lower Upper

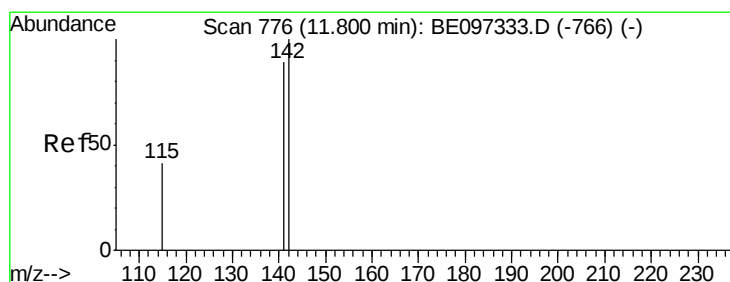
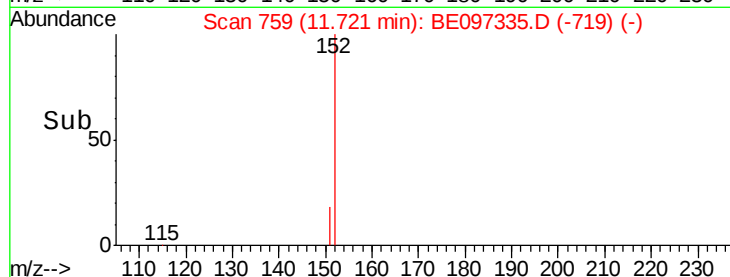
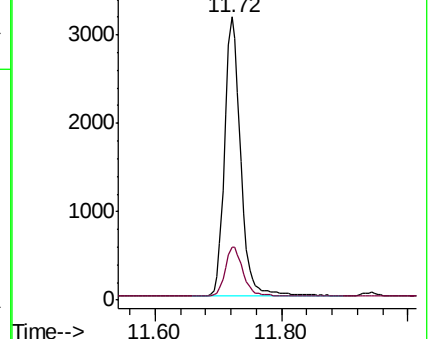
152 100

151 19.4 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: 0.763 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

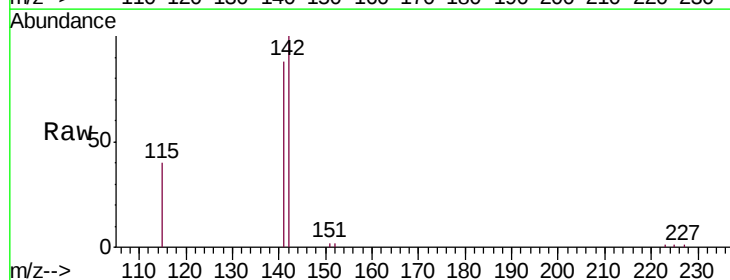
Tgt Ion:142 Resp: 5841

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

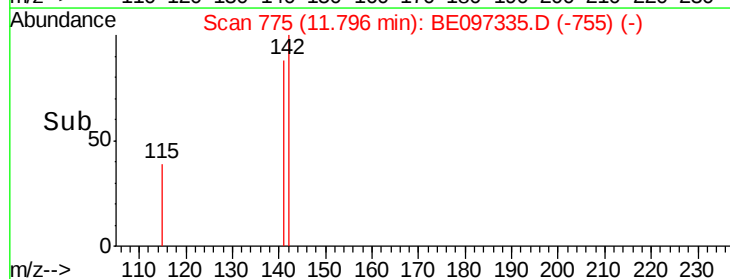
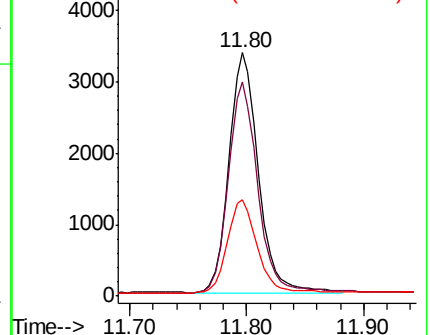
115 39.8 31.7 47.5

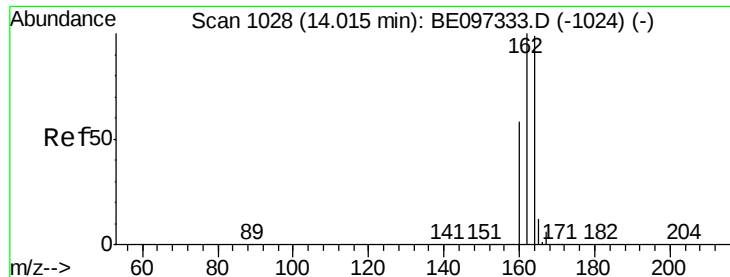


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

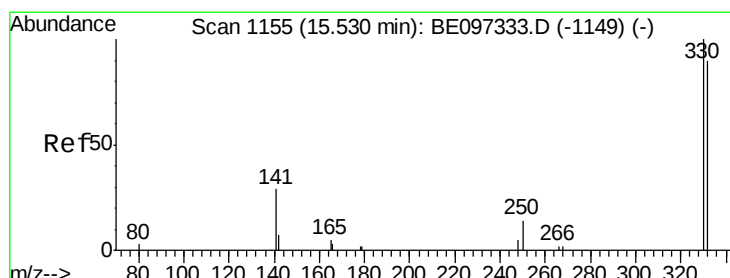
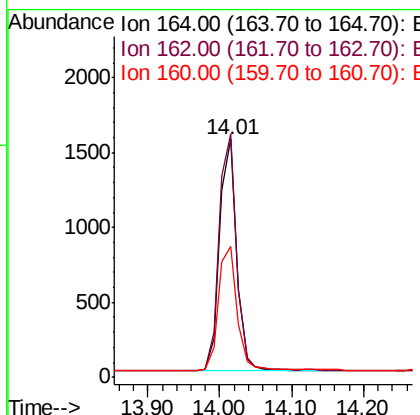
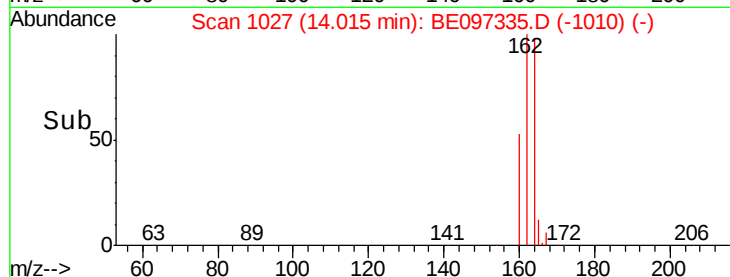
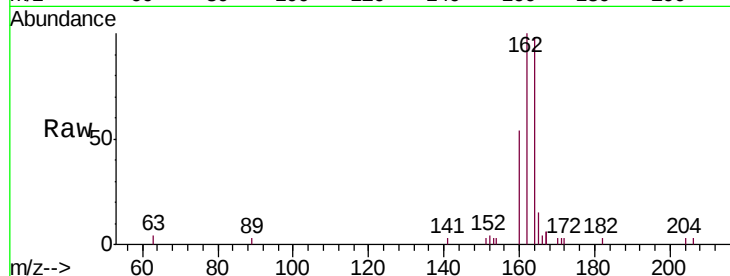




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

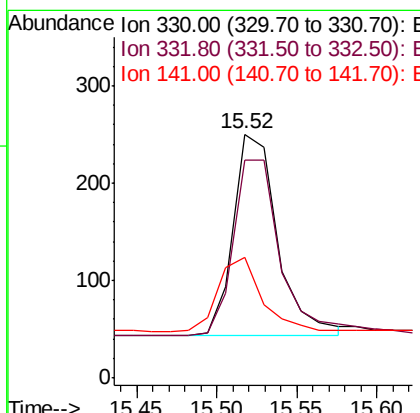
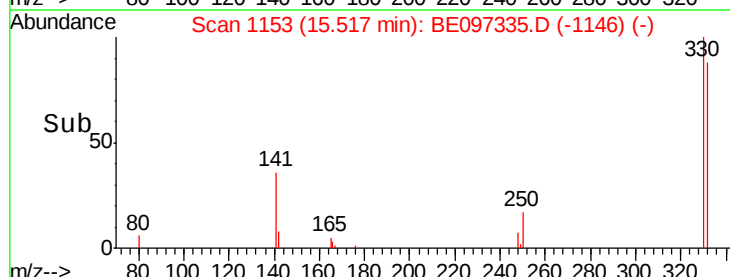
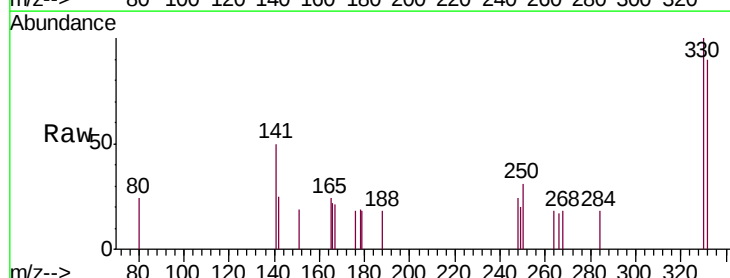
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

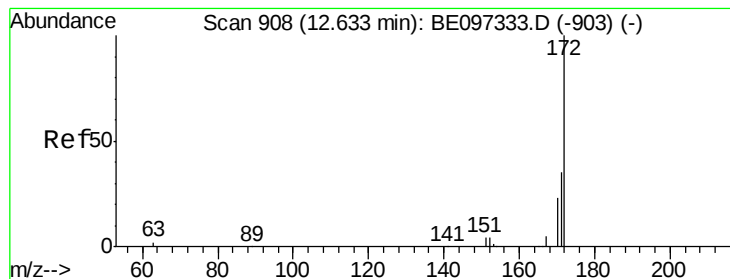
Tgt Ion:164 Resp: 2537
Ion Ratio Lower Upper
164 100
162 102.3 83.1 124.7
160 55.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

Tgt Ion:330 Resp: 397
Ion Ratio Lower Upper
330 100
332 94.7 152.7 229.1#
141 37.3 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.866 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

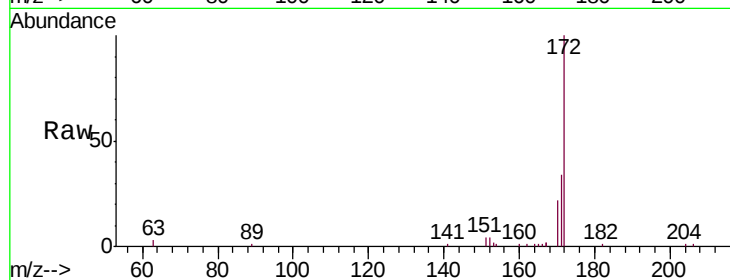
Tgt Ion:172 Resp: 8259

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

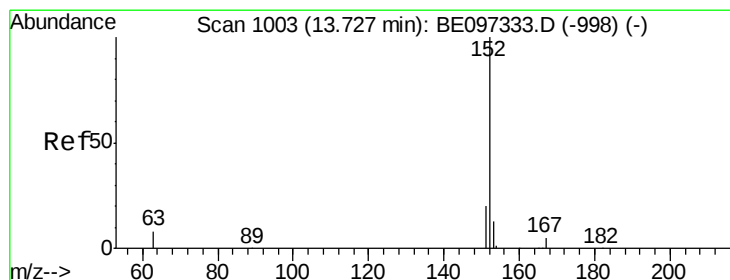
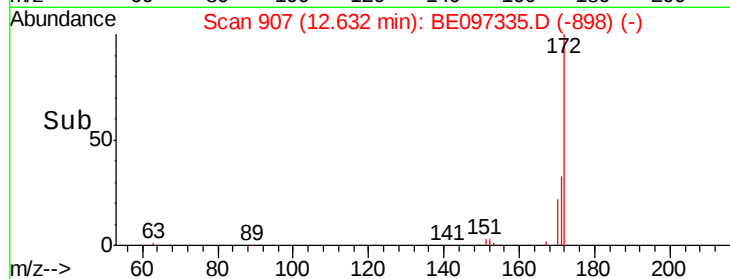
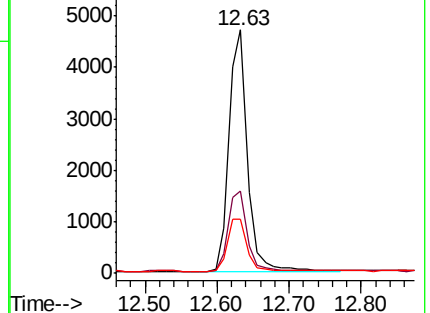
170 22.3 21.8 32.8



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: 0.661 ng

RT: 13.73 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

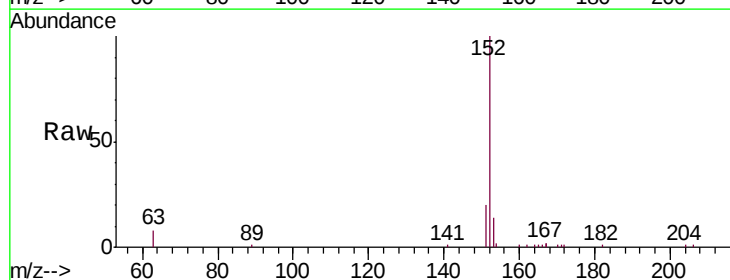
Tgt Ion:152 Resp: 7744

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

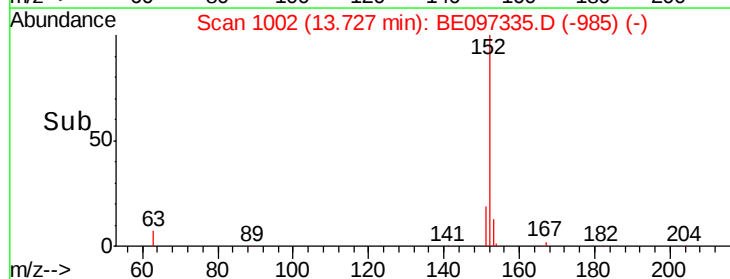
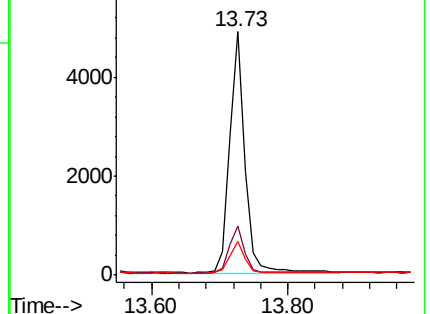
153 13.0 10.5 15.7

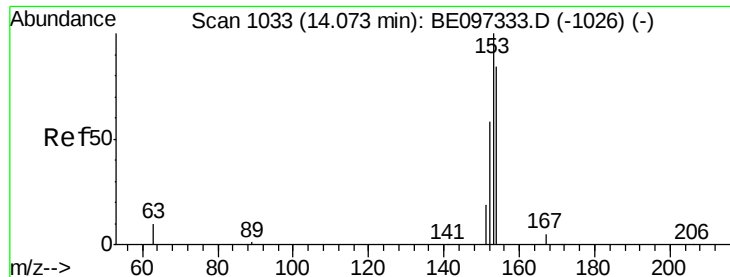


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.835 ng

RT: 14.07 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

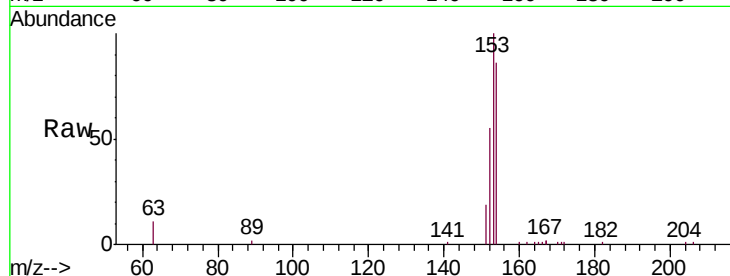
Tgt Ion:154 Resp: 5619

Ion Ratio Lower Upper

154 100

153 115.6 89.2 133.8

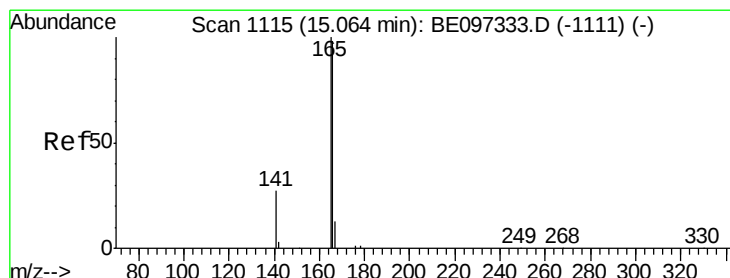
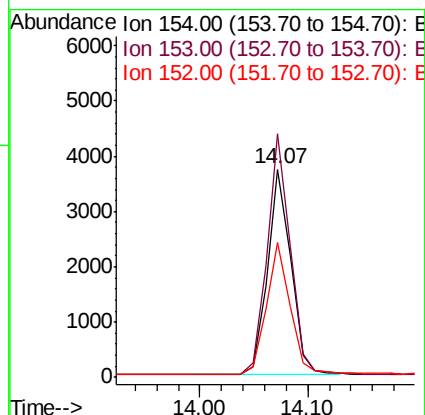
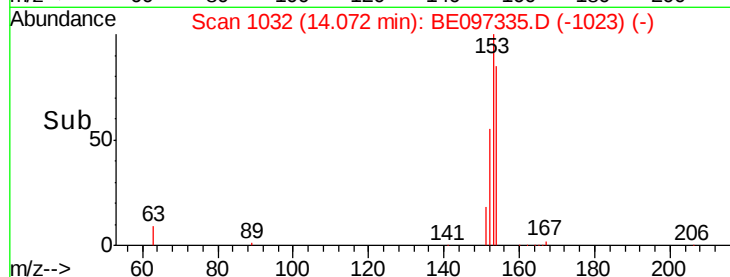
152 64.5 42.0 63.0#



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: 0.818 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

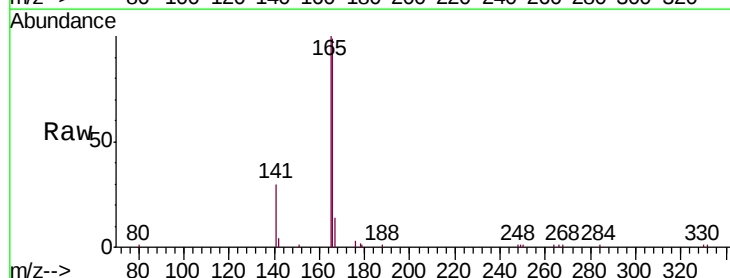
Tgt Ion:166 Resp: 6834

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

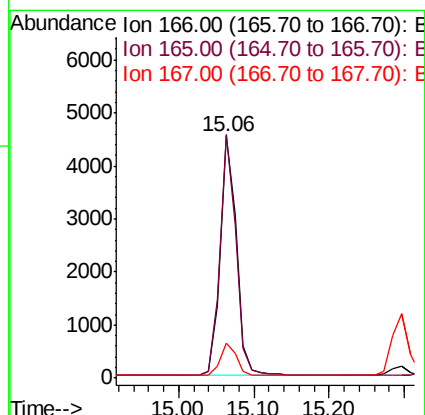
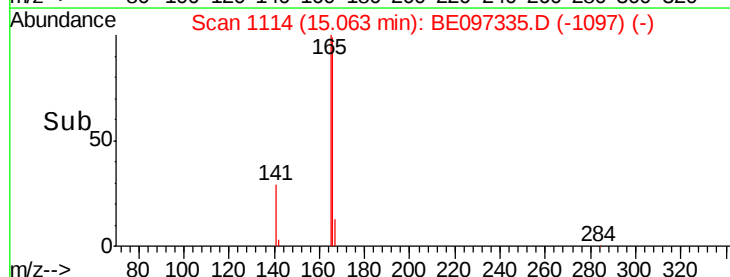
167 13.8 42.4 63.6#

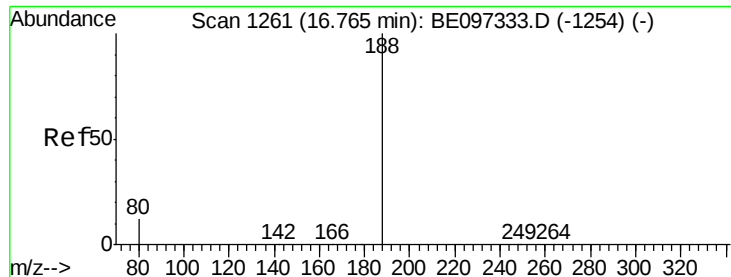


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

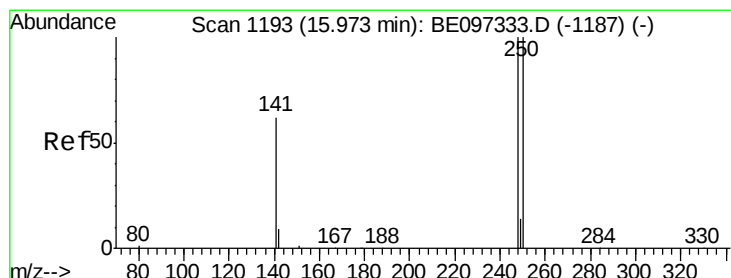
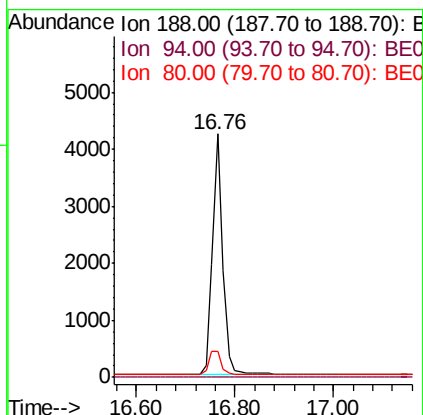
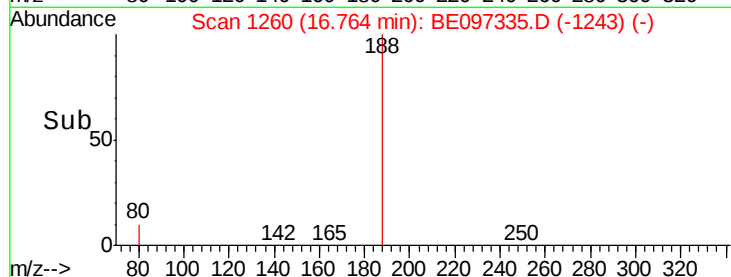
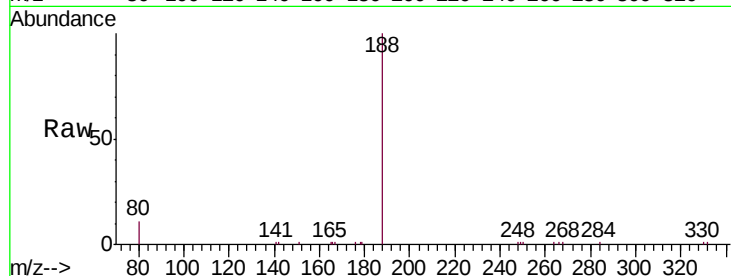
Tgt Ion:188 Resp: 6151

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: 0.725 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

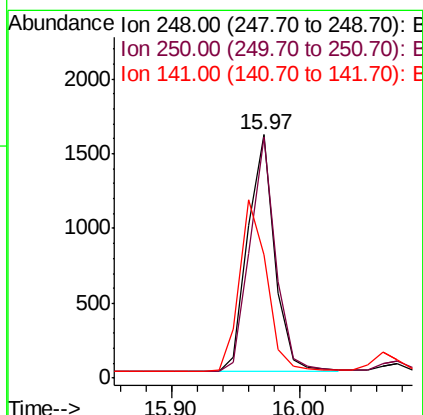
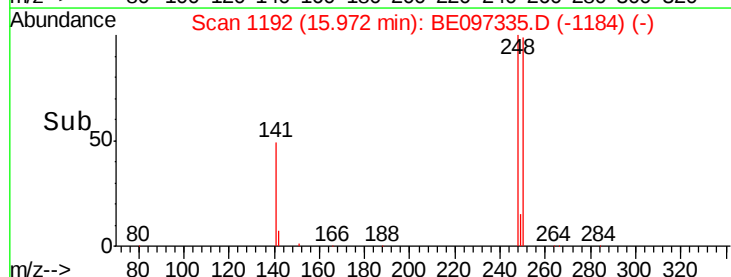
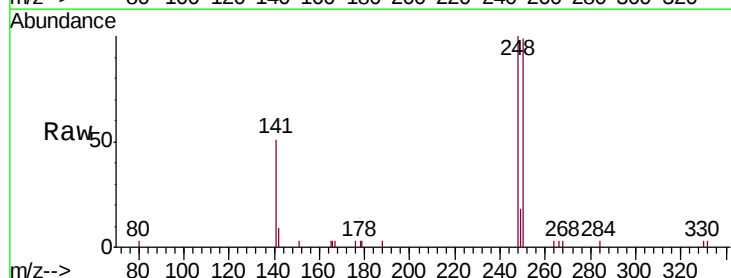
Tgt Ion:248 Resp: 2331

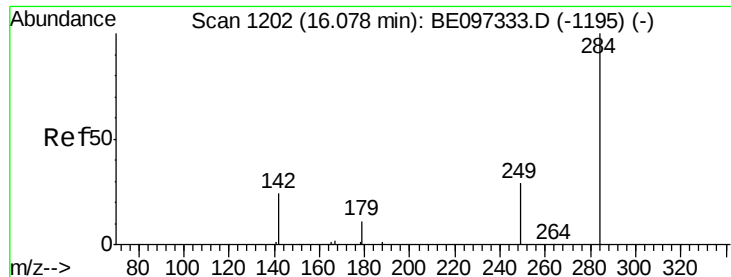
Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

141 50.8 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.806 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

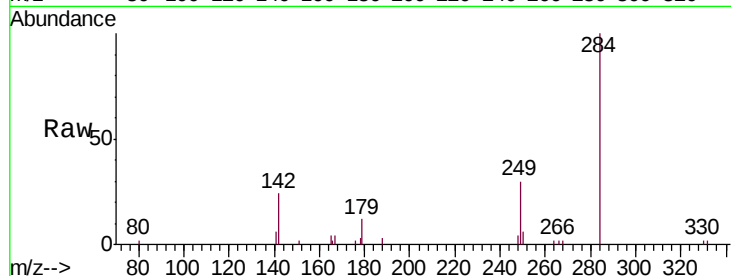
Tgt Ion:284 Resp: 2938

Ion Ratio Lower Upper

284 100

142 34.1 22.1 33.1#

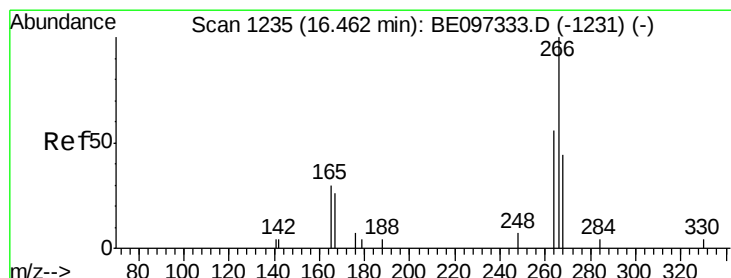
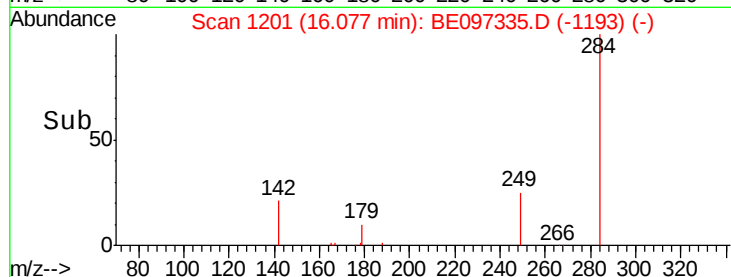
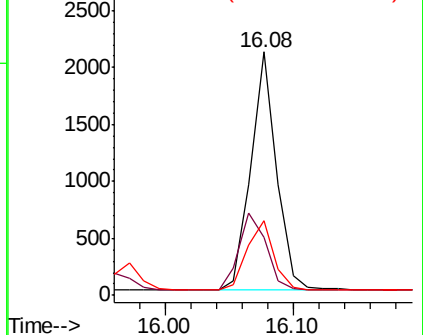
249 30.4 34.8 52.2#



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: 0.321 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

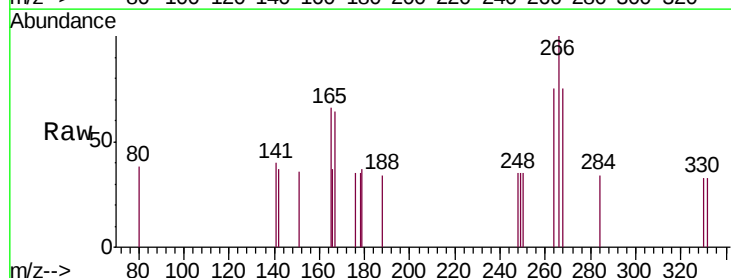
Tgt Ion:266 Resp: 260

Ion Ratio Lower Upper

266 100

264 75.2 72.5 108.7

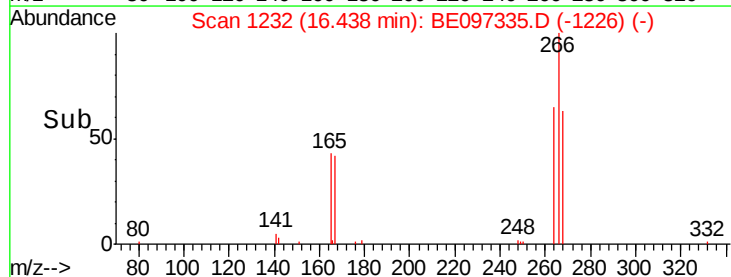
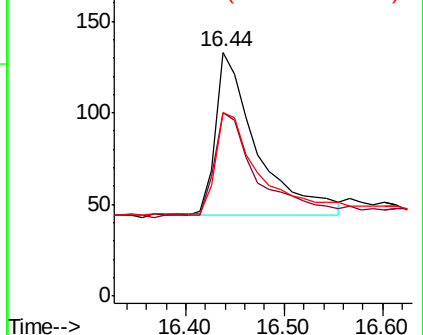
268 75.2 73.8 110.6

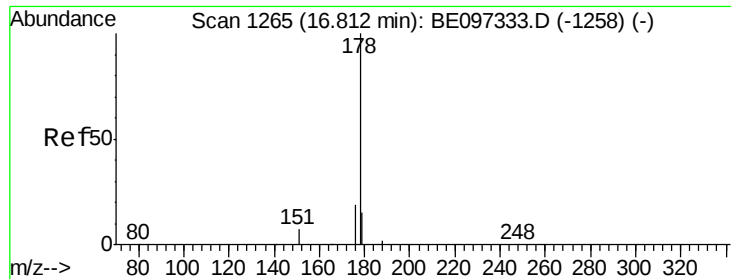


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

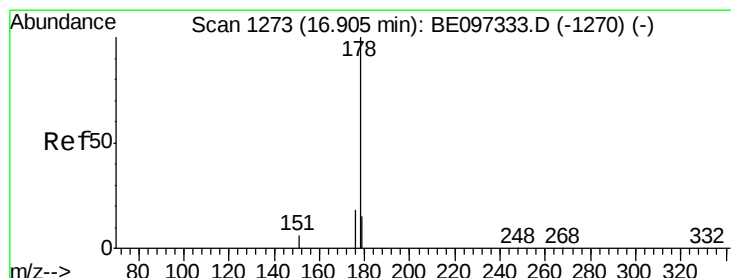
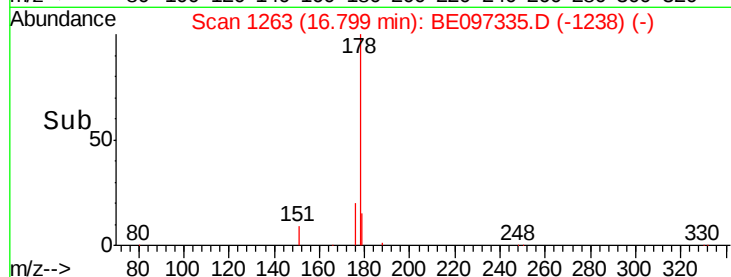
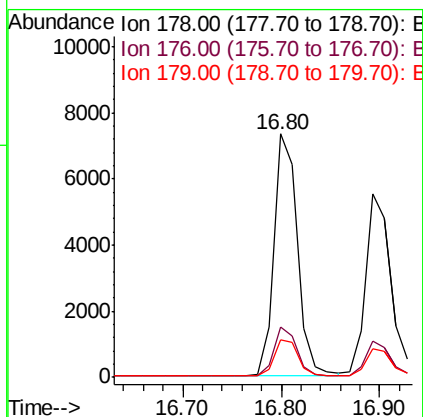
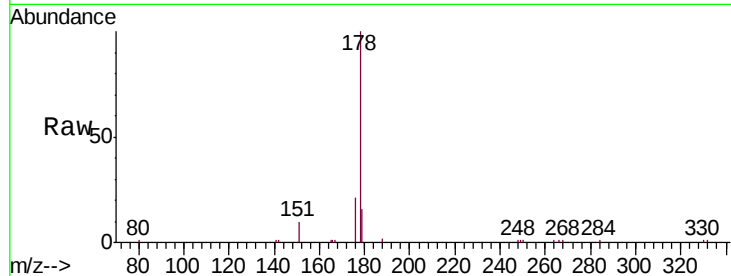




#23
Phenanthrene
Concen: 0.808 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

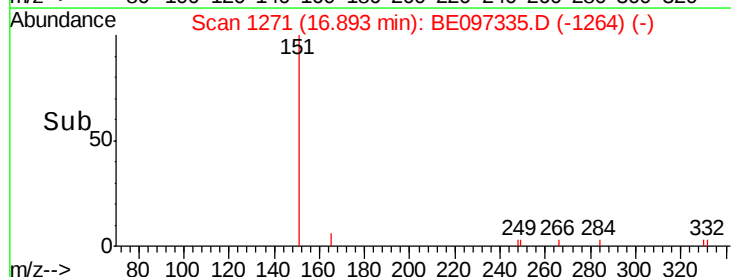
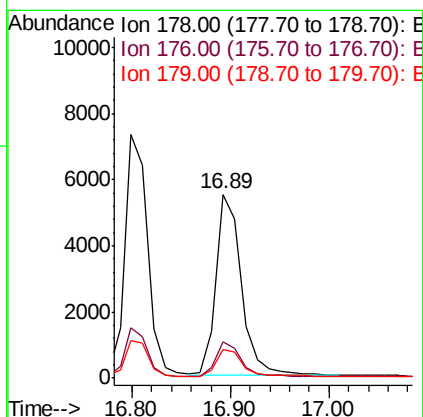
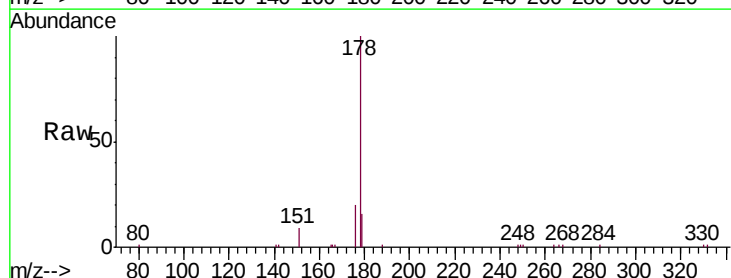
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

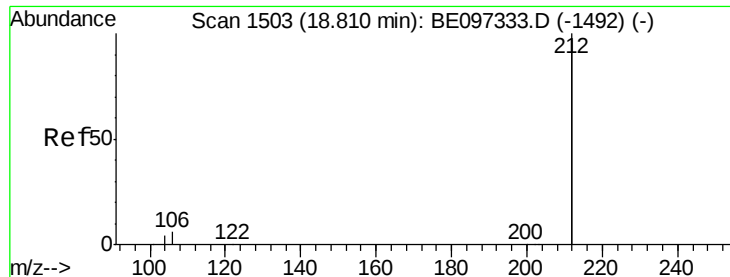
Tgt Ion:178 Resp: 11999
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.5 11.8 17.6



#24
Anthracene
Concen: 0.734 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097335.D
Acq: 20 Aug 2018 16:45

Tgt Ion:178 Resp: 9762
Ion Ratio Lower Upper
178 100
176 18.6 12.8 19.2
179 15.0 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.739 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

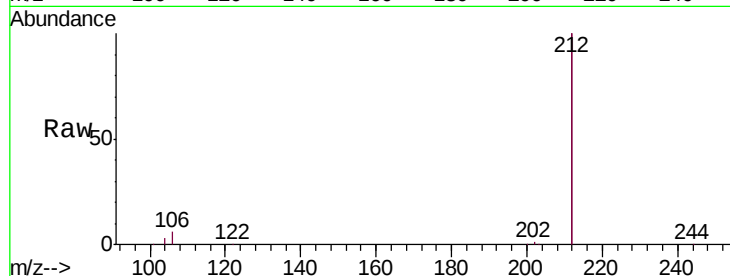
Tgt Ion:212 Resp: 45450

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

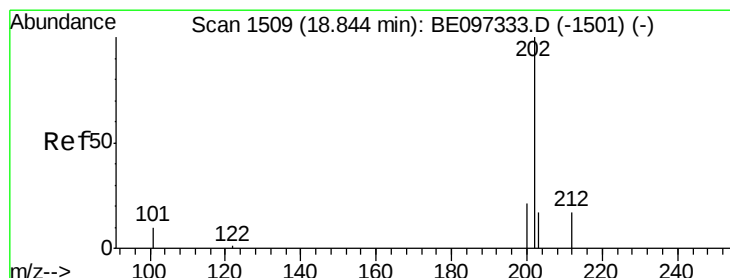
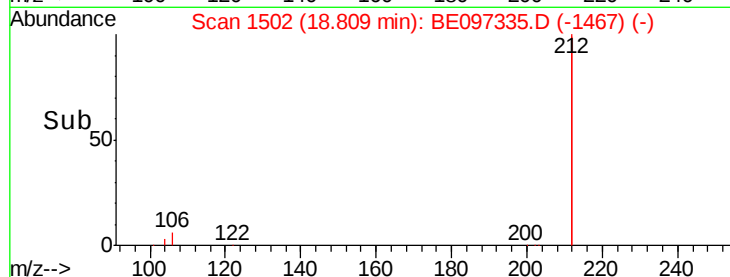
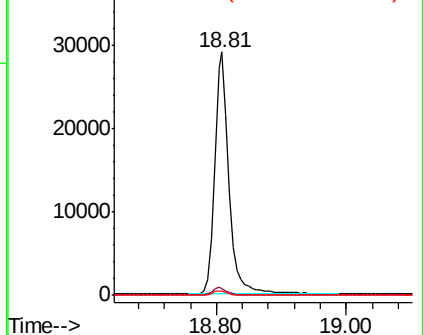
104 1.8 1.6 2.4



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: 0.781 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

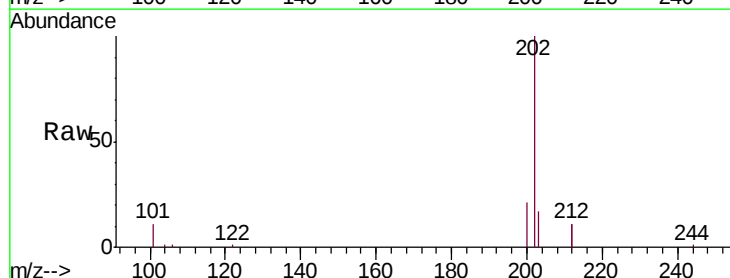
Tgt Ion:202 Resp: 12828

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

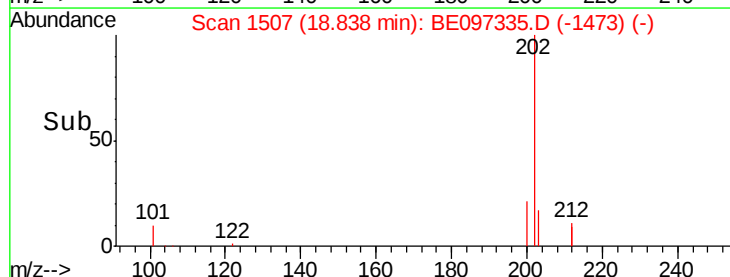
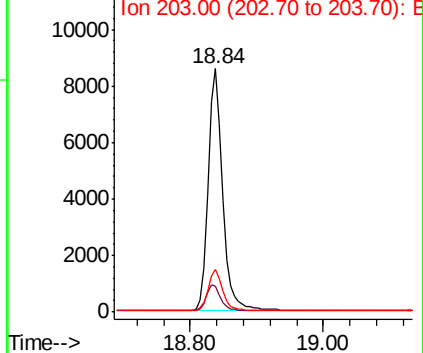
203 17.0 13.7 20.5

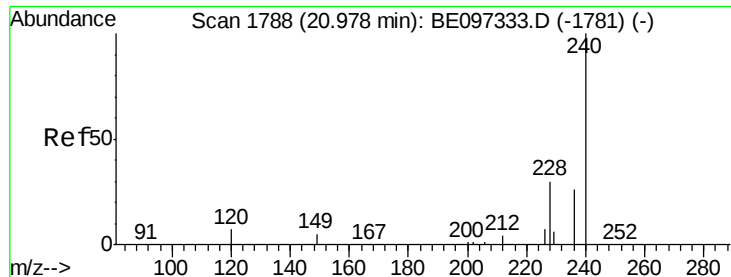


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

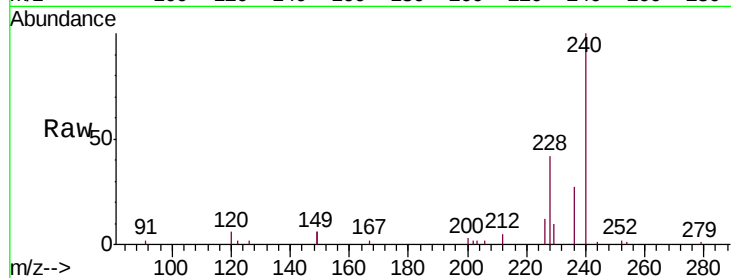
Tgt Ion:240 Resp: 5634

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

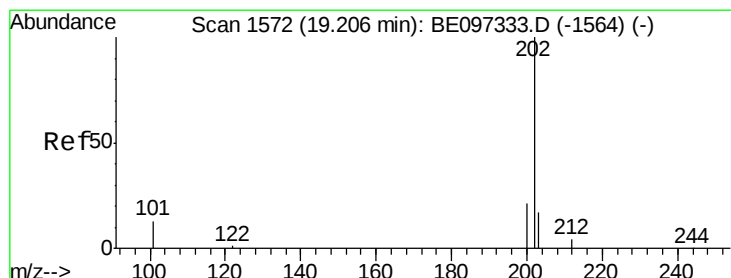
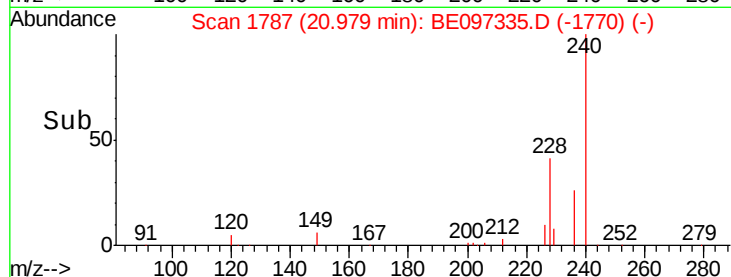
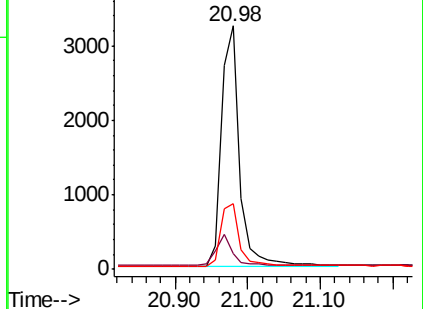
236 27.0 20.7 31.1



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: 0.797 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

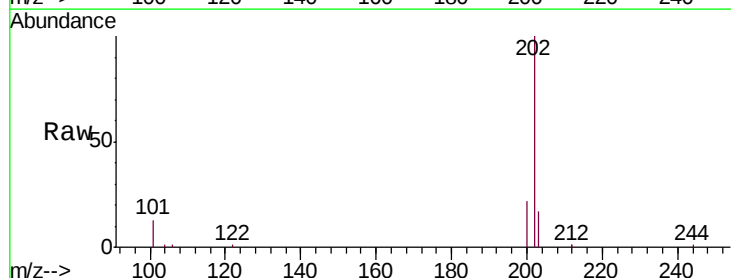
Tgt Ion:202 Resp: 12103

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

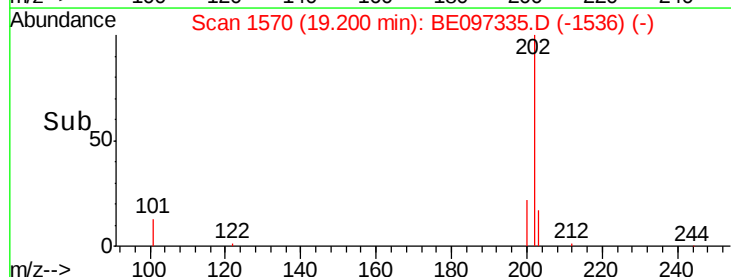
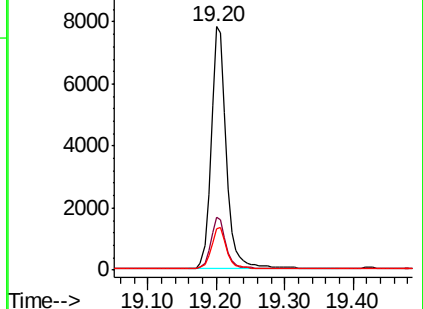
203 17.2 13.8 20.8

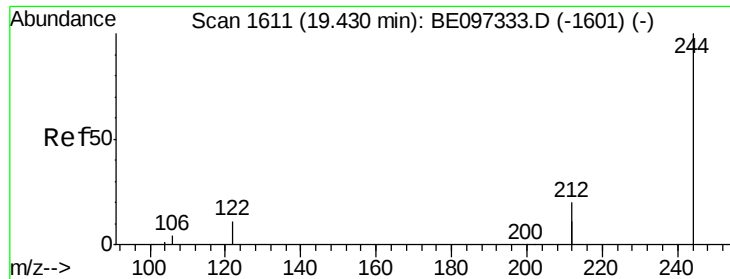


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.860 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

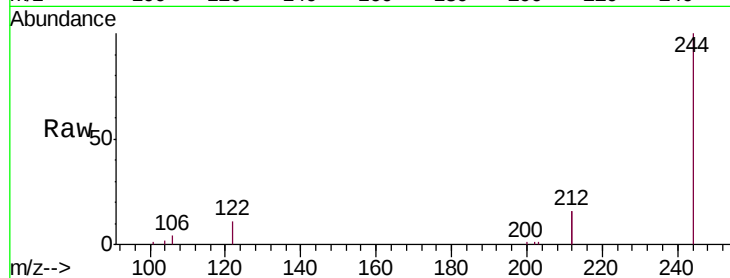
Tgt Ion:244 Resp: 9105

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

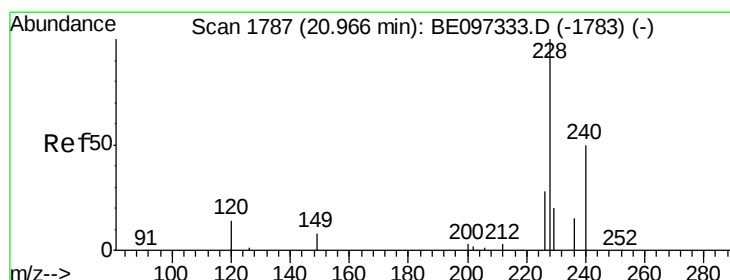
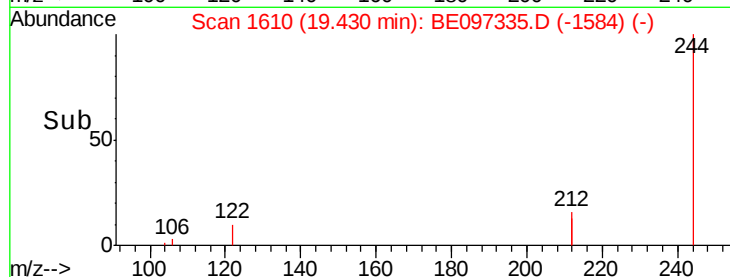
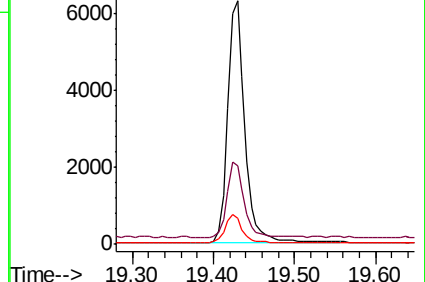
122 10.6 8.1 12.1



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: 0.720 ng

RT: 20.96 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

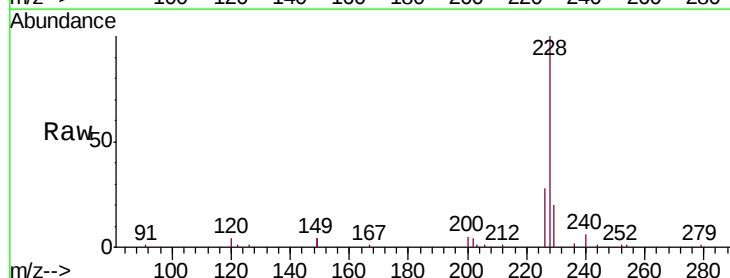
Tgt Ion:228 Resp: 10206

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

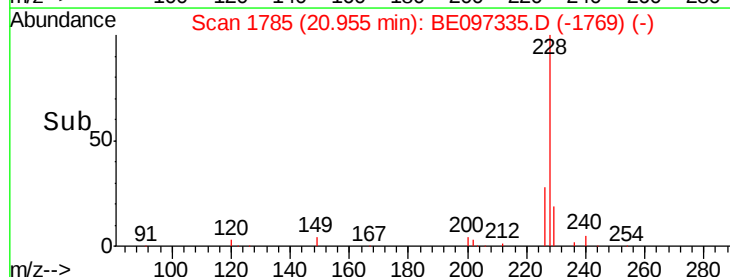
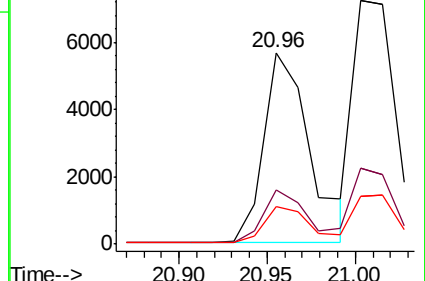
229 19.7 16.0 24.0

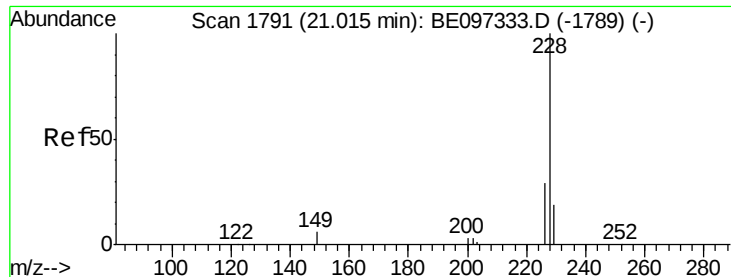


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.845 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

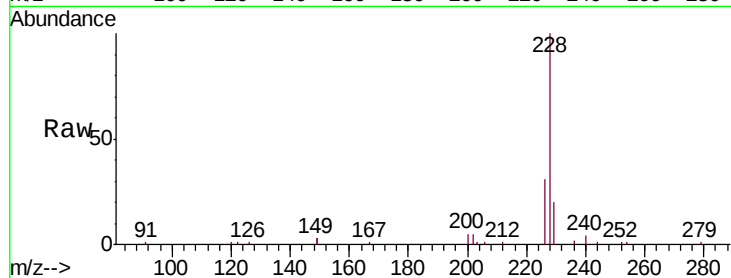
Tgt Ion:228 Resp: 12252

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

229 19.7 16.0 24.0

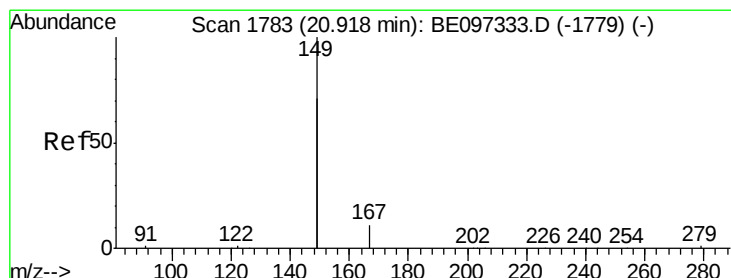
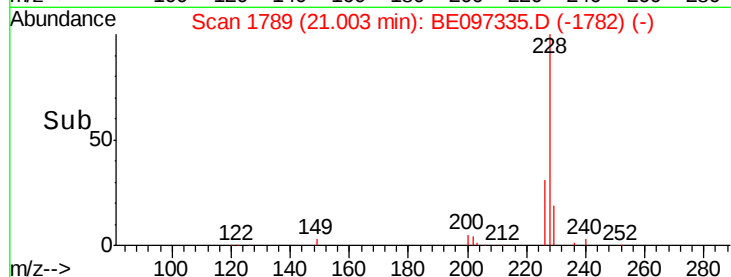
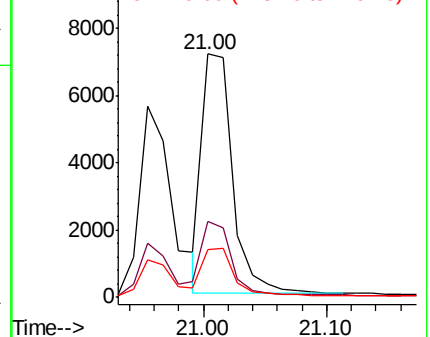


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

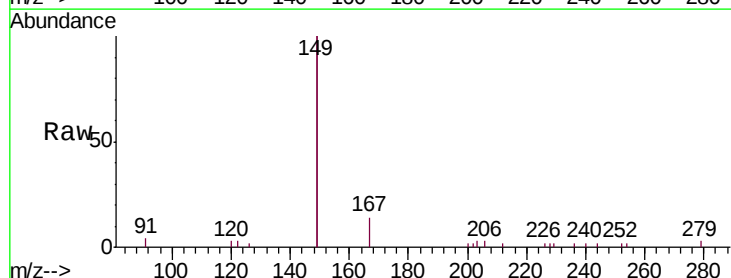
Tgt Ion:149 Resp: 5235

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

279 0.9 0.7 1.1

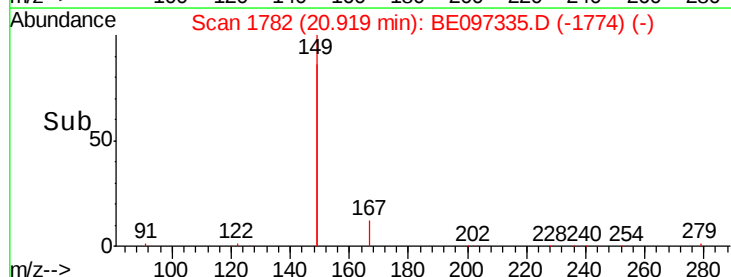
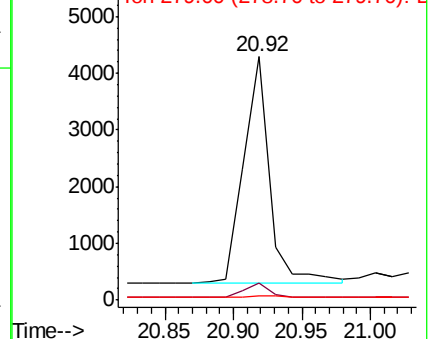


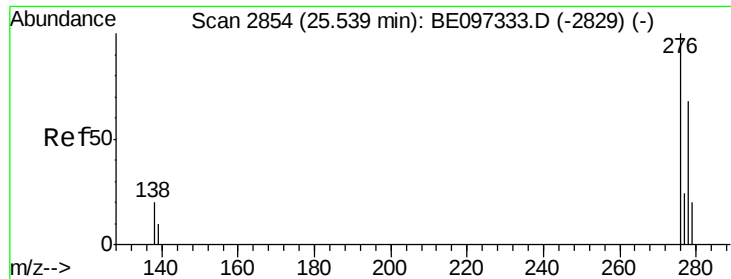
Abundance

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: 0.515 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

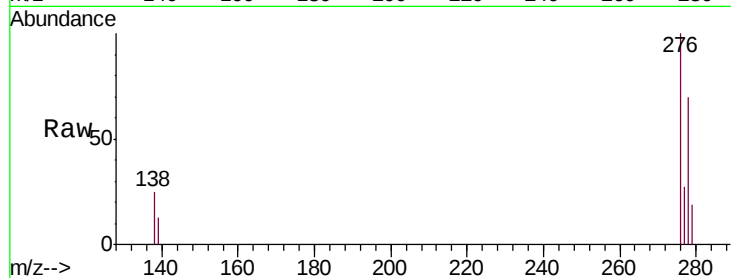
Tgt Ion:276 Resp: 8053

Ion Ratio Lower Upper

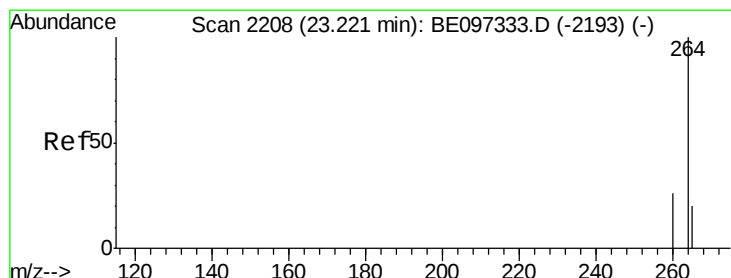
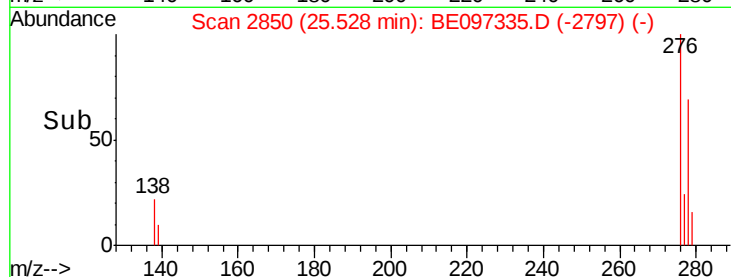
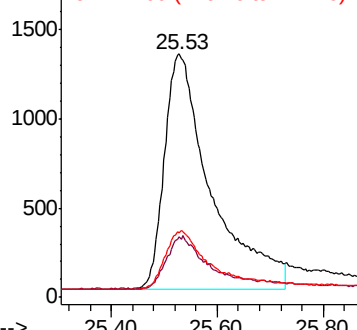
276 100

138 20.3 22.5 33.7#

277 21.9 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# 2205

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

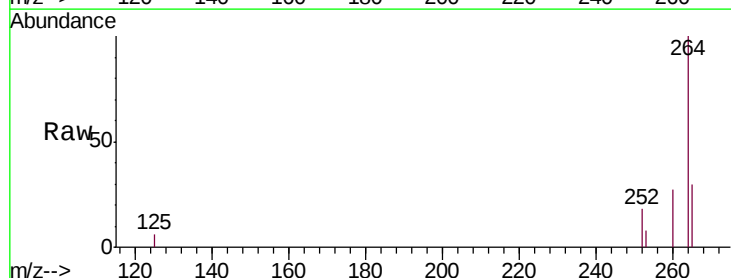
Tgt Ion:264 Resp: 3950

Ion Ratio Lower Upper

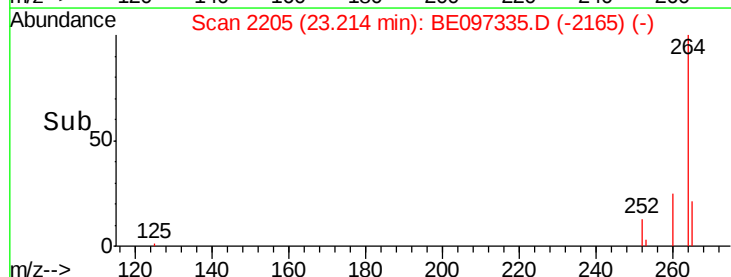
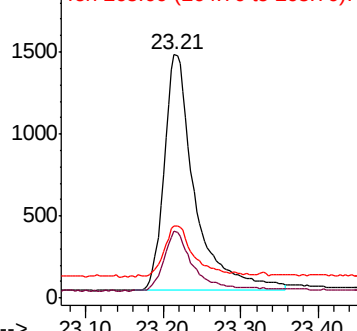
264 100

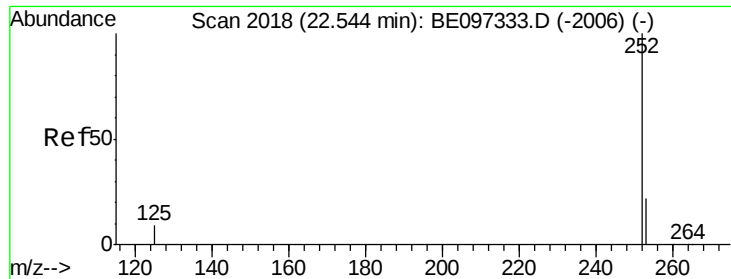
260 27.3 20.5 30.7

265 29.6 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: 0.858 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

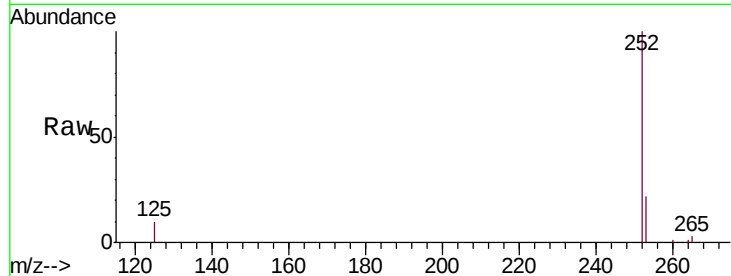
Tgt Ion:252 Resp: 8431

Ion Ratio Lower Upper

252 100

253 22.3 20.0 30.0

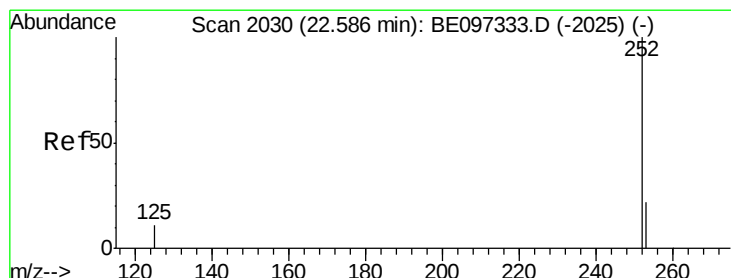
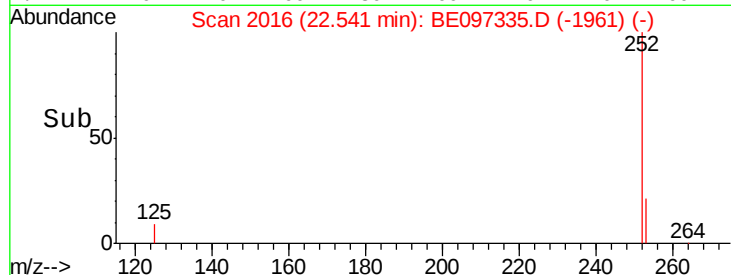
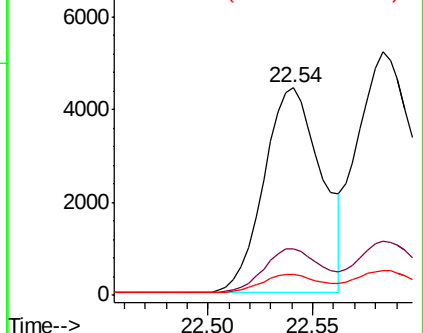
125 10.0 16.0 24.0#



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: 1.027 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

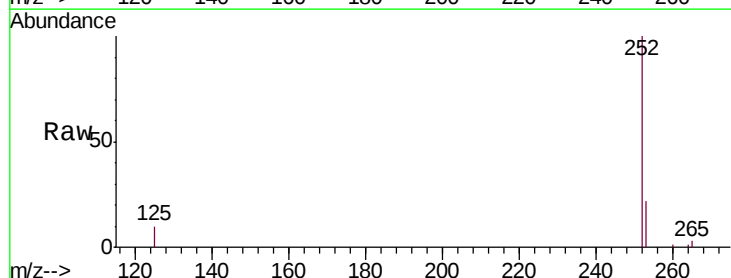
Tgt Ion:252 Resp: 12270

Ion Ratio Lower Upper

252 100

253 22.4 16.0 24.0

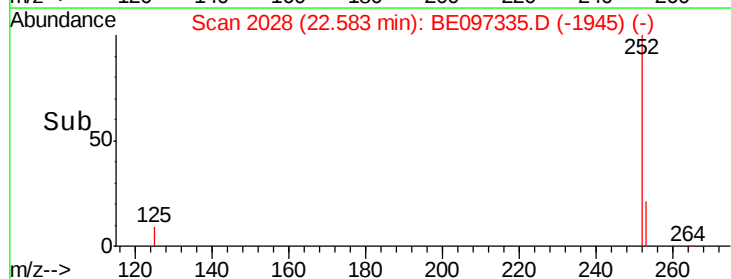
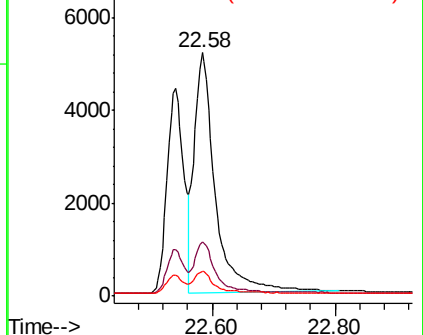
125 10.4 8.0 12.0

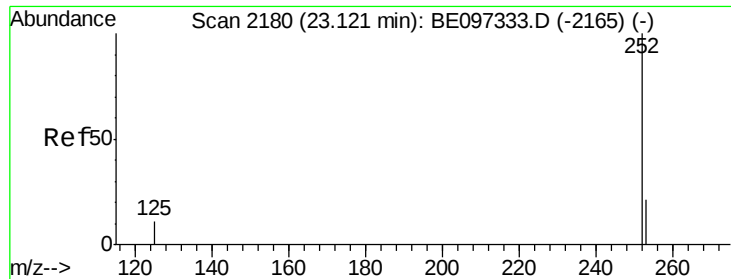


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.787 ng

RT: 23.12 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

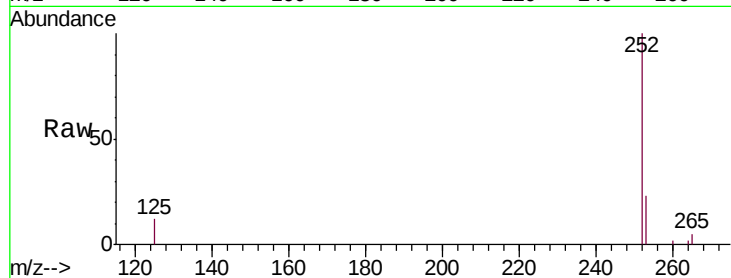
Tgt Ion:252 Resp: 7768

Ion Ratio Lower Upper

252 100

253 23.0 16.0 24.0

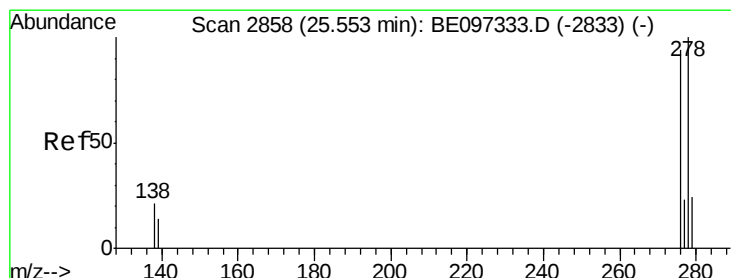
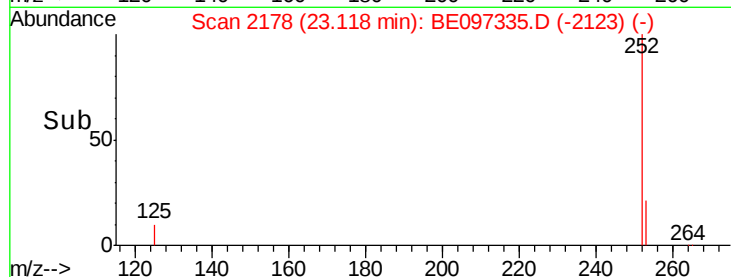
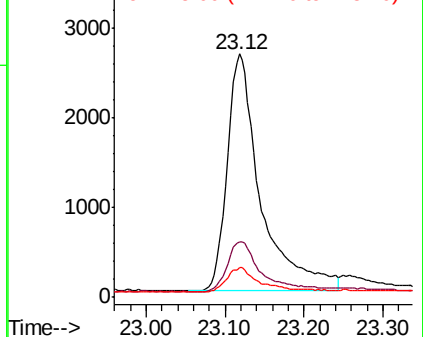
125 12.0 12.0 18.0



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: 0.677 ng

RT: 25.55 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

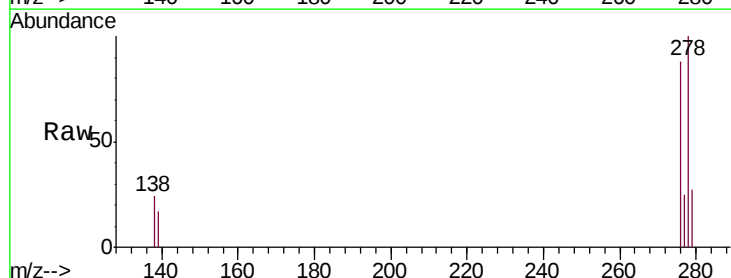
Tgt Ion:278 Resp: 6594

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

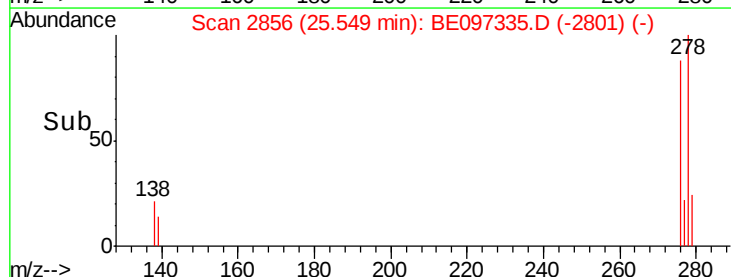
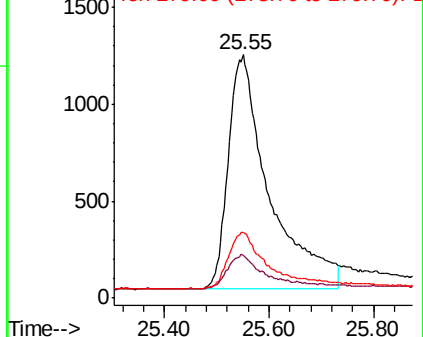
279 26.8 20.0 30.0

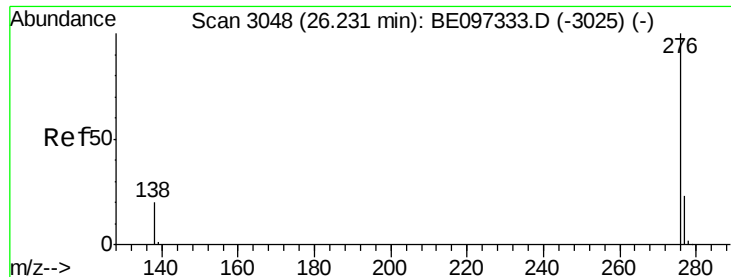


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.669 ng

RT: 26.22 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BE097335.D

Acq: 20 Aug 2018 16:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

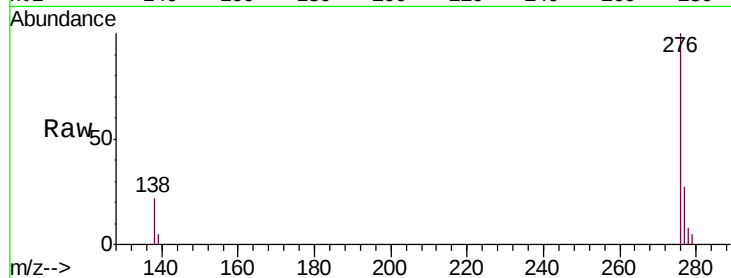
Tgt Ion: 276 Resp: 6574

Ion Ratio Lower Upper

276 100

277 26.8 16.0 24.0#

138 22.1 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

