

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098184.D
 Acq On : 12 Nov 2018 10:29
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Nov 12 11:41:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 11:35:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1106	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5382	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3513	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8481	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9814	0.40	ng	0.00
34) Perylene-d12	24.01	264	9240	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	639	0.19	ng	0.00
5) Phenol-d6	7.04	99	989	0.18	ng	0.00
8) Nitrobenzene-d5	9.02	82	1075	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	1979	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	304	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	3261	0.23	ng	0.01
25) Fluoranthene-d10	19.31	212	21953	0.20	ng	0.00
29) Terphenyl-d14	19.91	244	4719	0.21	ng	0.00

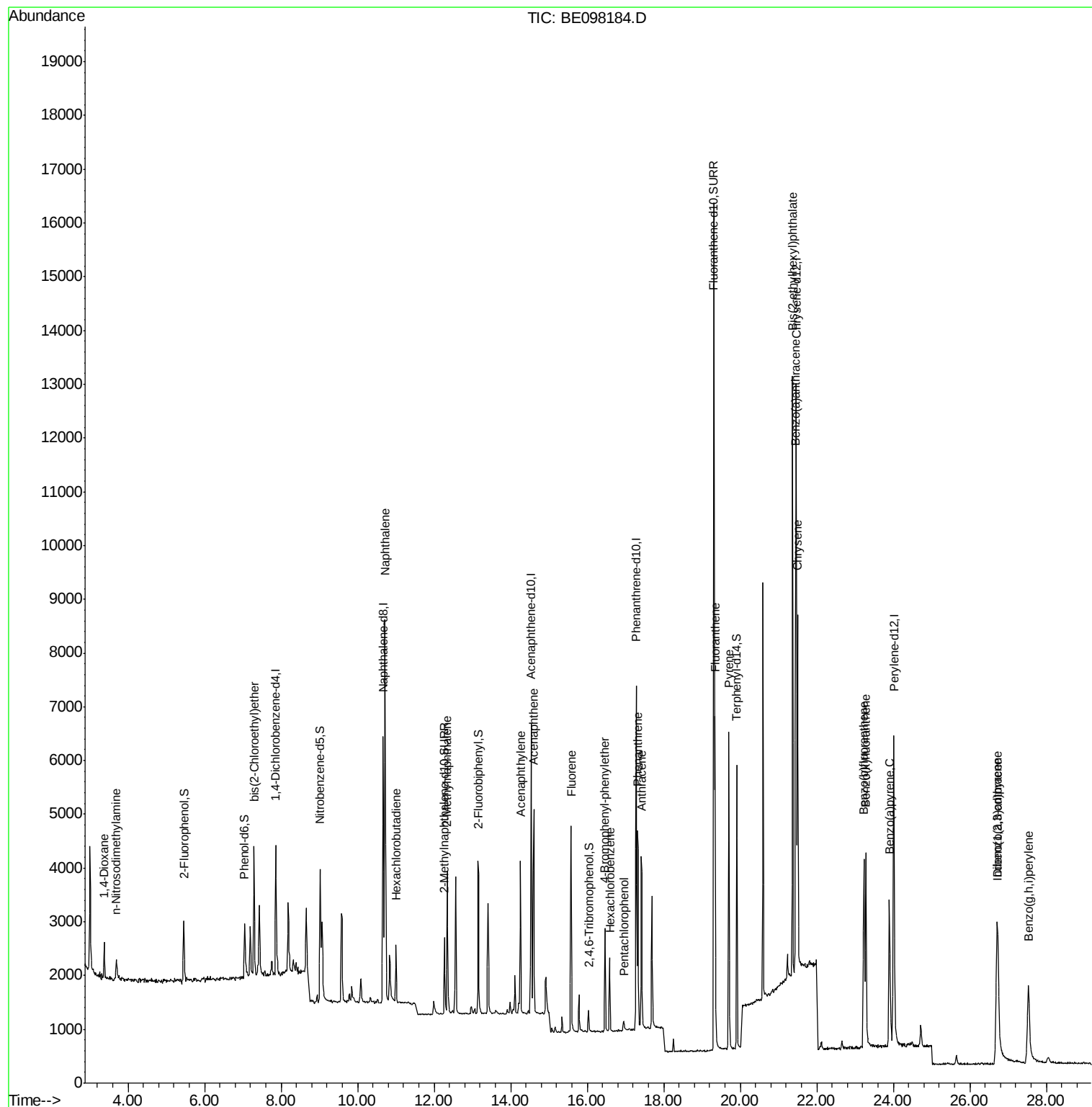
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	389	0.236	ng	88
3) n-Nitrosodimethylamine	3.69	42	417	0.189	ng	98
6) bis(2-Chloroethyl)ether	7.29	93	856	0.216	ng	91
9) Naphthalene	10.72	128	11423	0.212	ng	99
10) Hexachlorobutadiene	11.00	225	713	0.202	ng	98
12) 2-Methylnaphthalene	12.34	142	1892	0.197	ng	97
16) Acenaphthylene	14.25	152	3366	0.210	ng	98
17) Acenaphthene	14.60	154	2021	0.210	ng	97
18) Fluorene	15.58	166	2580	0.202	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1057	0.204	ng	96
21) Hexachlorobenzene	16.59	284	1092	0.202	ng	99
22) Pentachlorophenol	16.95	266	169	0.141	ng	# 87
23) Phenanthrene	17.31	178	4321	0.206	ng	100
24) Anthracene	17.41	178	3833	0.192	ng	99
26) Fluoranthene	19.34	202	5436	0.207	ng	99
28) Pyrene	19.70	202	5602	0.209	ng	100
30) Benzo(a)anthracene	21.45	228	5707	0.199	ng	98
31) Chrysene	21.50	228	5941	0.209	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	11906	0.117	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	5008	0.170	ng	98
35) Benzo(b)fluoranthene	23.23	252	5362	0.206	ng	97
36) Benzo(k)fluoranthene	23.28	252	5612	0.208	ng	96
37) Benzo(a)pyrene	23.89	252	5062	0.199	ng	96
38) Dibenzo(a,h)anthracene	26.73	278	4135	0.174	ng	95
39) Benzo(g,h,i)perylene	27.53	276	4482	0.190	ng	# 95

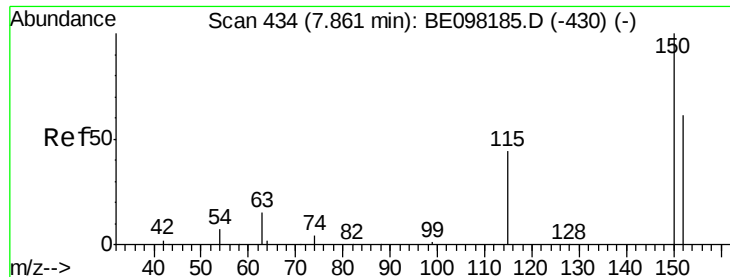
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 12 11:41:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
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QLast Update : Mon Nov 12 11:35:26 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

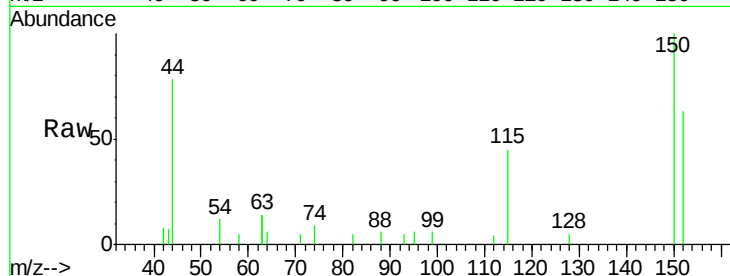
Tgt Ion: 152 Resp: 1106

Ion Ratio Lower Upper

152 100

150 157.5 127.5 191.3

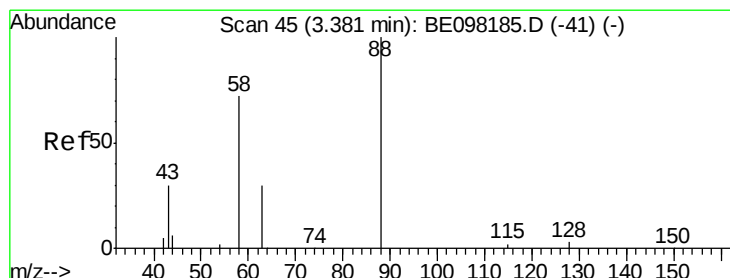
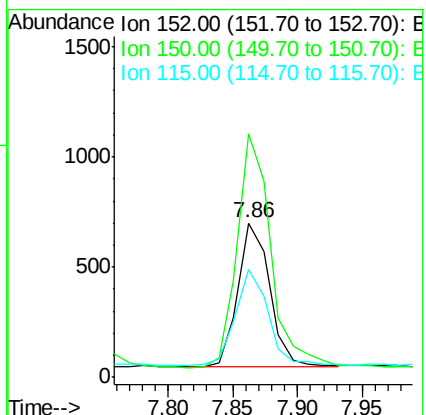
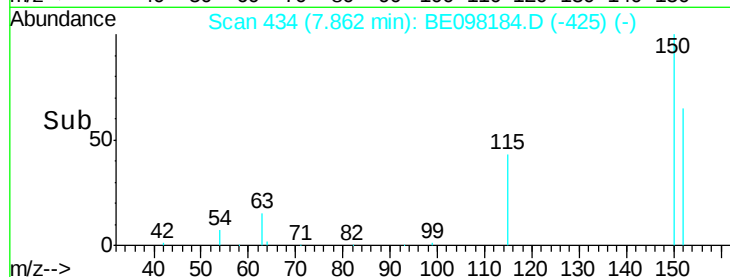
115 70.2 60.3 90.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.236 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

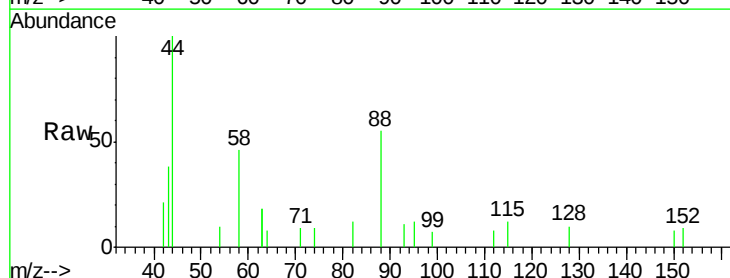
Tgt Ion: 88 Resp: 389

Ion Ratio Lower Upper

88 100

58 82.5 79.0 118.4

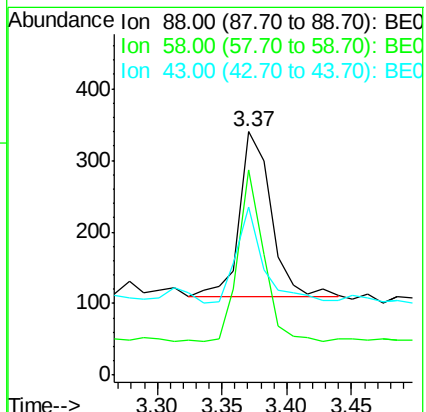
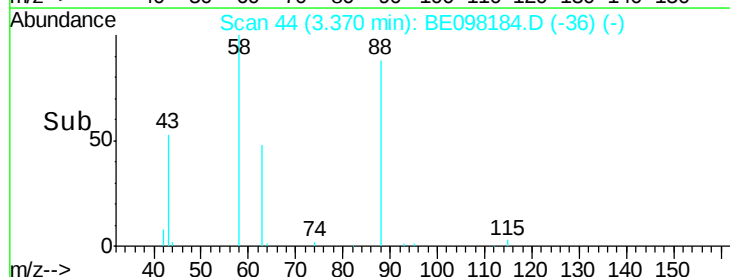
43 50.6 38.1 57.1

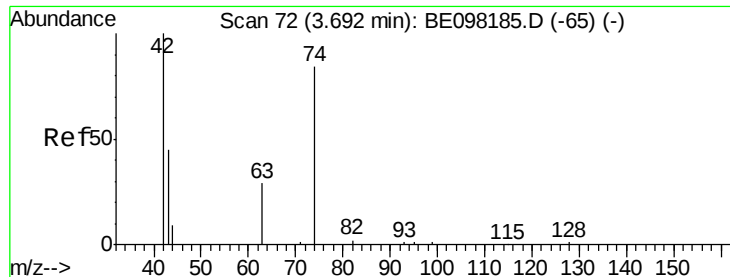


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



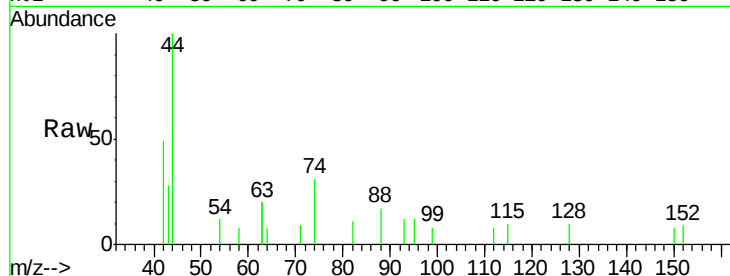


#3

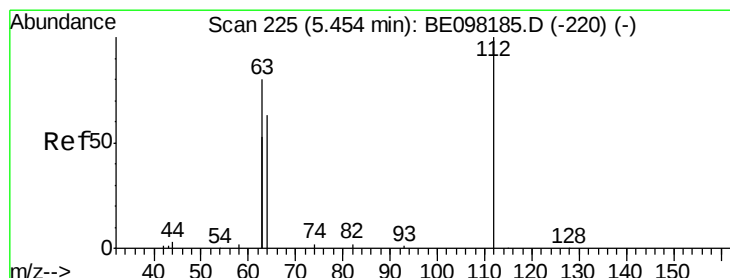
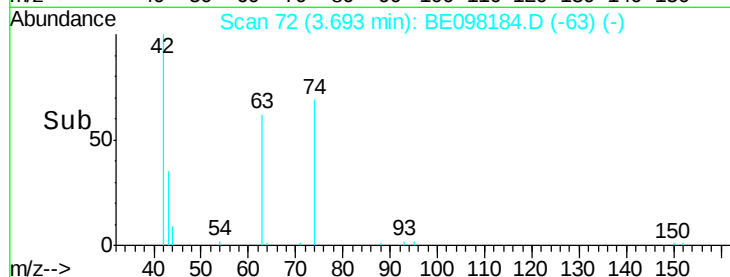
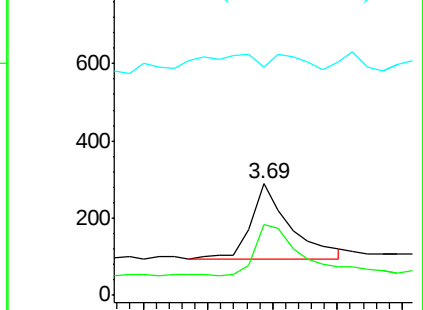
n-Nitrosodimethylamine
 Concen: 0.189 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098184.D
 Acq: 12 Nov 2018 10:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 42 Resp: 417
 Ion Ratio Lower Upper
 42 100
 74 75.3 61.7 92.5
 44 15.8 14.0 21.0



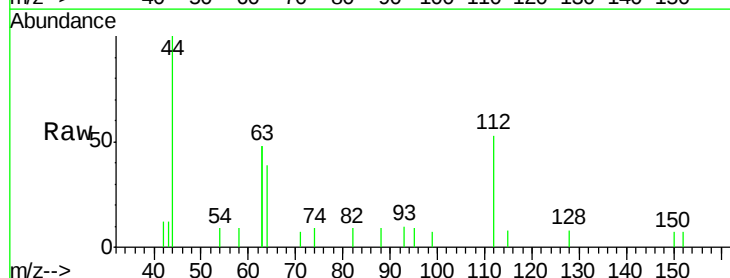
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



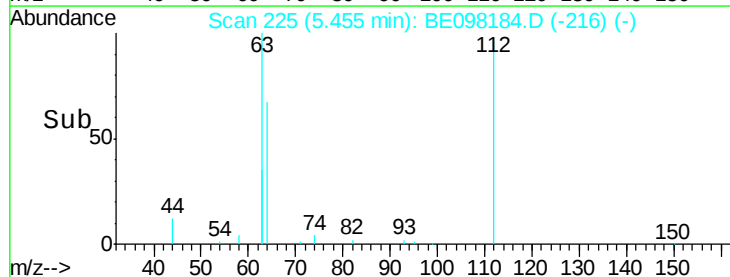
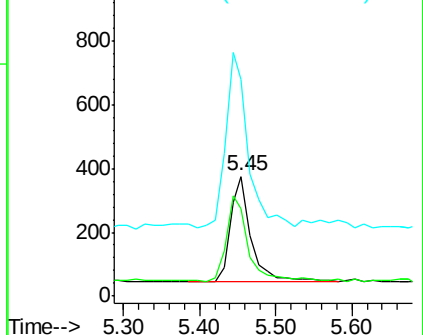
#4

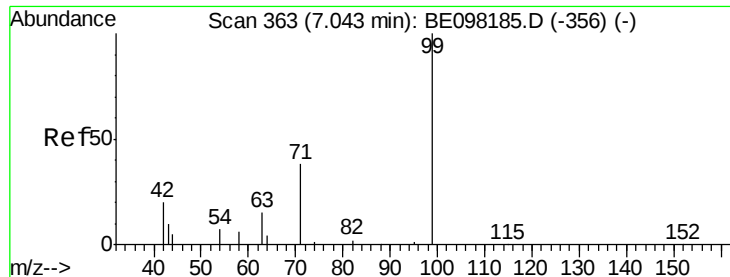
2-Fluorophenol
 Concen: 0.195 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098184.D
 Acq: 12 Nov 2018 10:29

Tgt Ion: 112 Resp: 639
 Ion Ratio Lower Upper
 112 100
 64 83.3 61.7 92.5
 63 175.6 136.2 204.2



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: 0.183 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

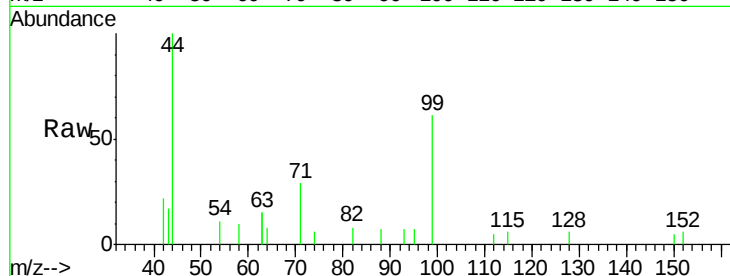
Tgt Ion: 99 Resp: 989

Ion Ratio Lower Upper

99 100

42 34.7 27.1 40.7

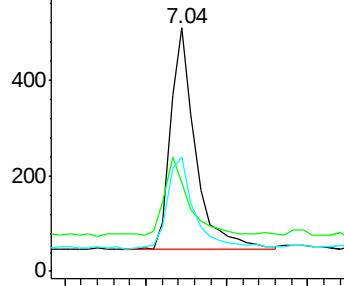
71 46.5 37.0 55.6



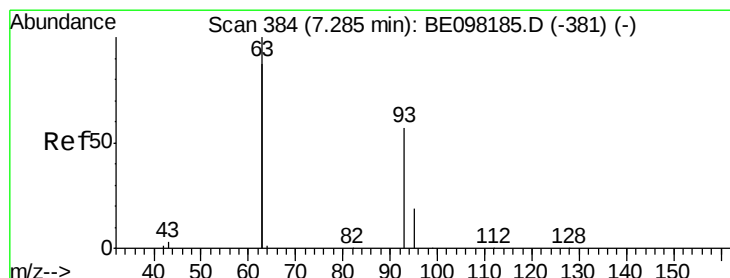
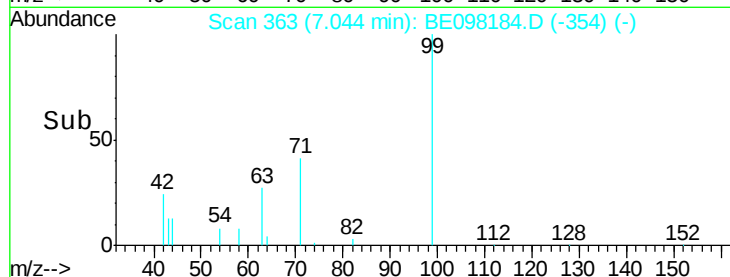
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.216 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

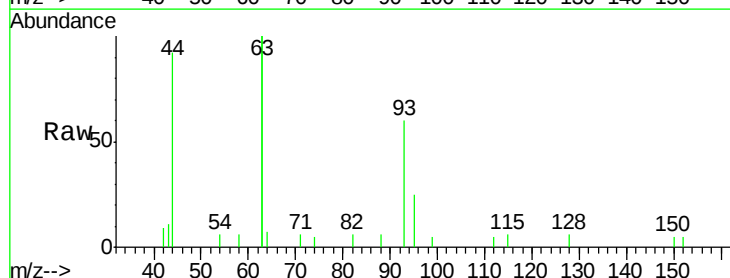
Tgt Ion: 93 Resp: 856

Ion Ratio Lower Upper

93 100

63 320.7 272.6 409.0

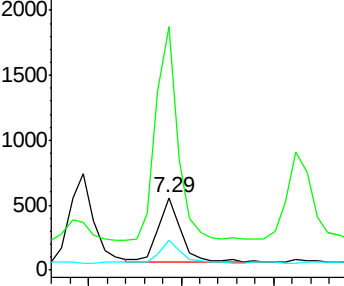
95 34.2 27.1 40.7



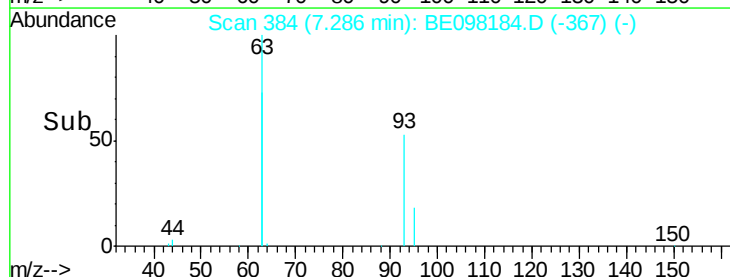
Abundance Ion 93.00 (92.70 to 93.70): BE0

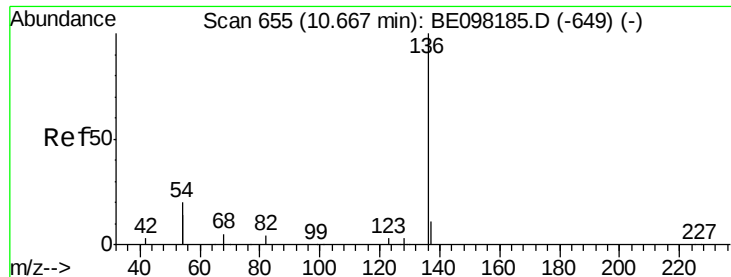
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 136 Resp: 5382

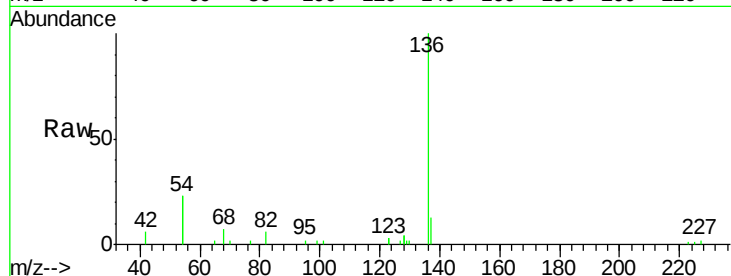
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 45.9 31.3 46.9

68 7.0 4.8 7.2

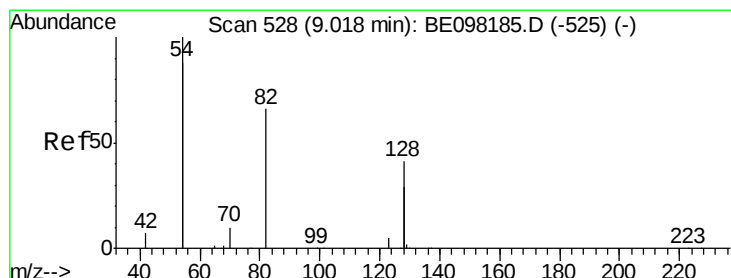
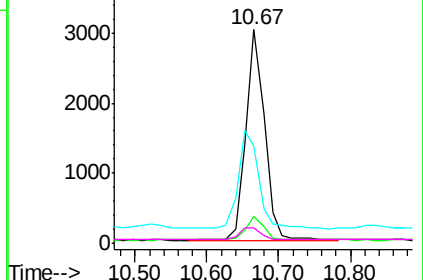
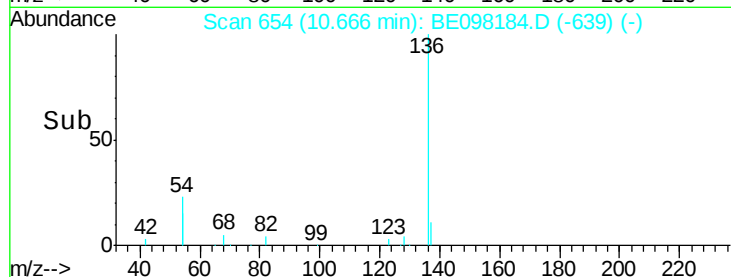


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.186 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

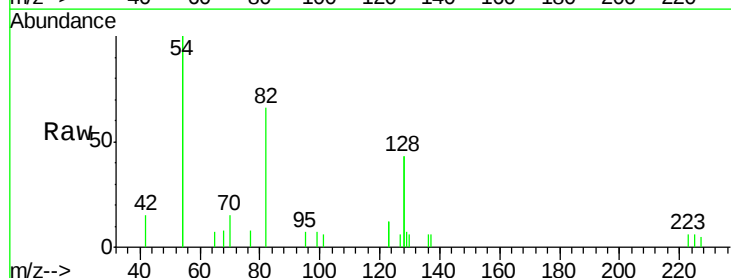
Tgt Ion: 82 Resp: 1075

Ion Ratio Lower Upper

82 100

128 129.6 96.1 144.1

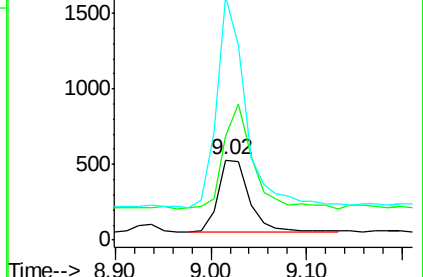
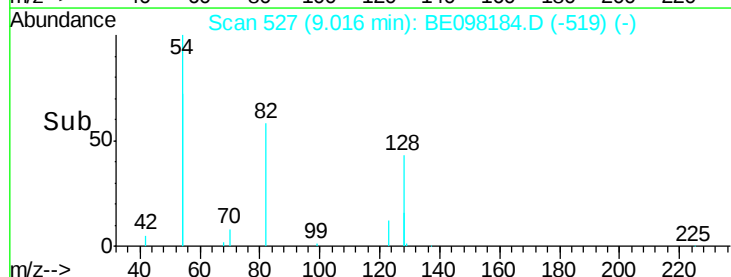
54 303.2 232.0 348.0

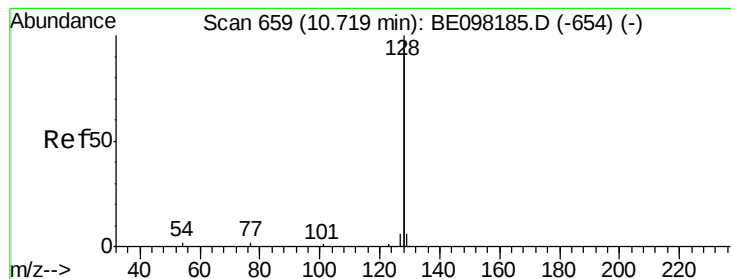


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.212 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

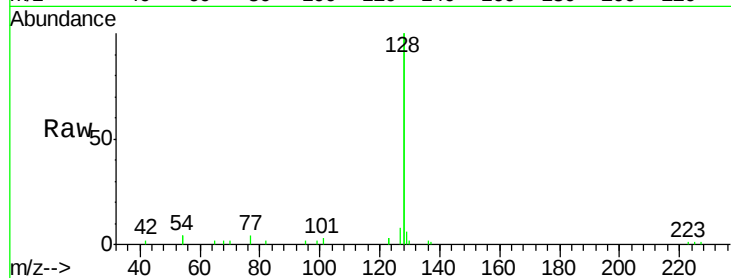
Tgt Ion:128 Resp: 11423

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

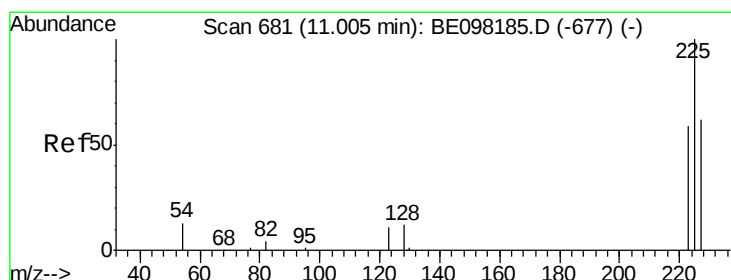
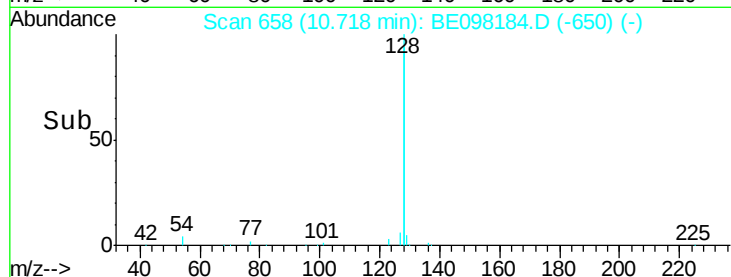
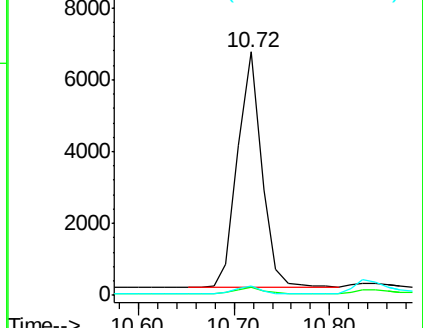
127 3.8 2.8 4.2



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: 0.202 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

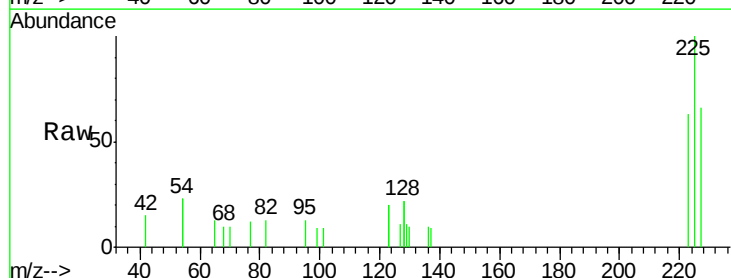
Tgt Ion:225 Resp: 713

Ion Ratio Lower Upper

225 100

223 64.8 50.5 75.7

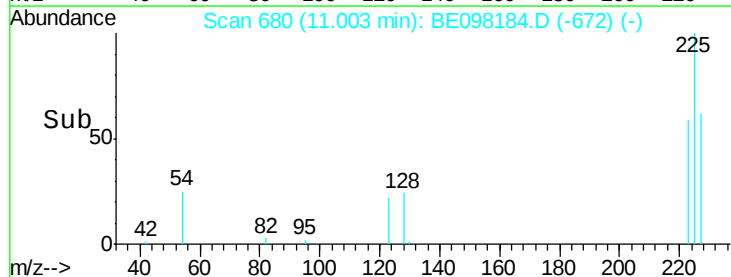
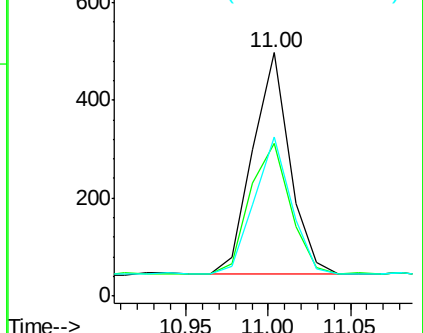
227 60.7 50.3 75.5

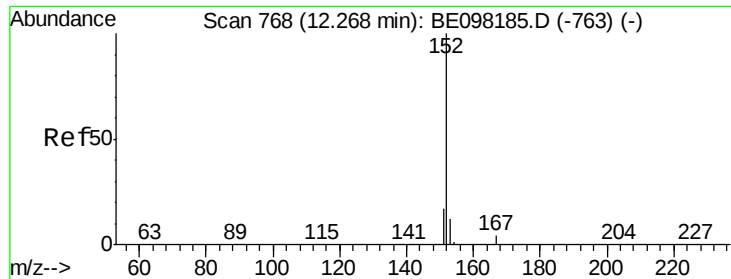


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

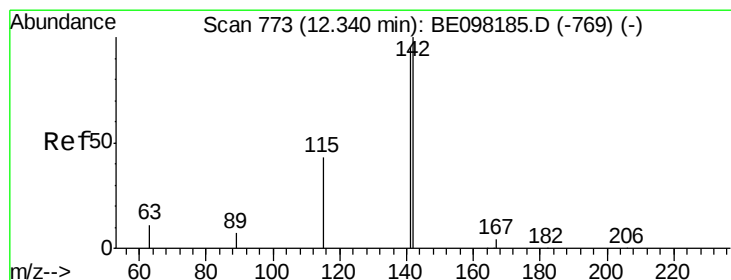
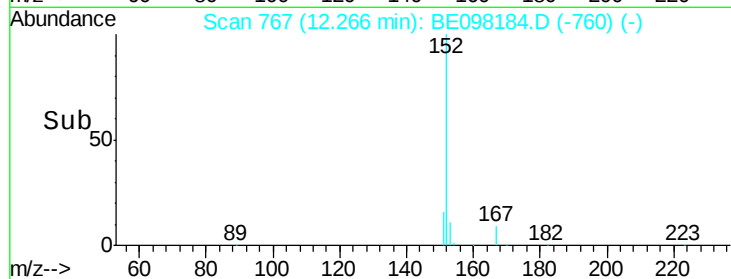
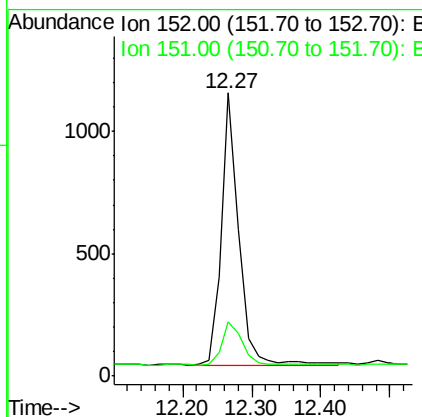
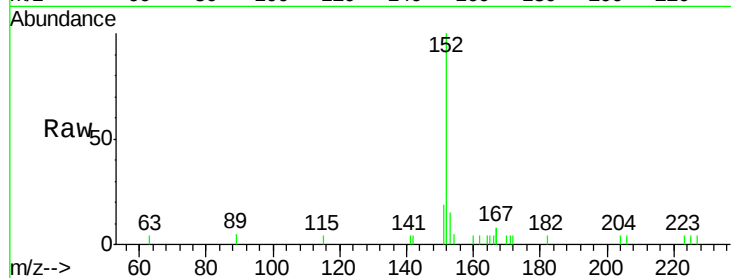




#11
 2-Methylnaphthalene-d10
 Concen: 0.209 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098184.D
 Acq: 12 Nov 2018 10:29

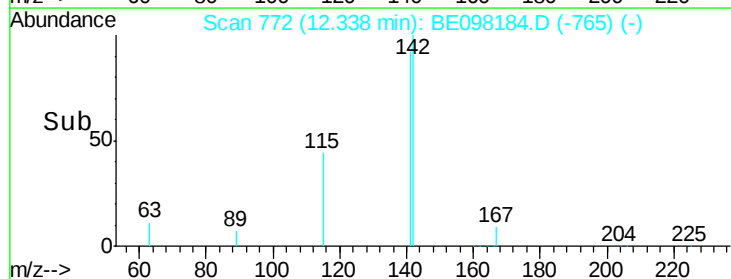
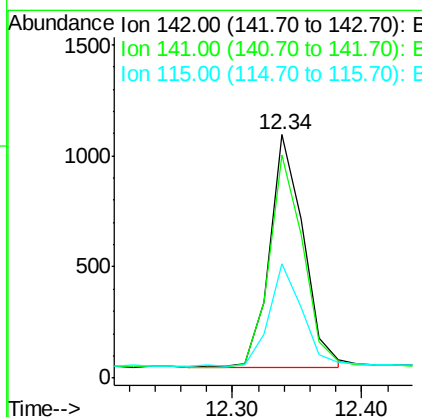
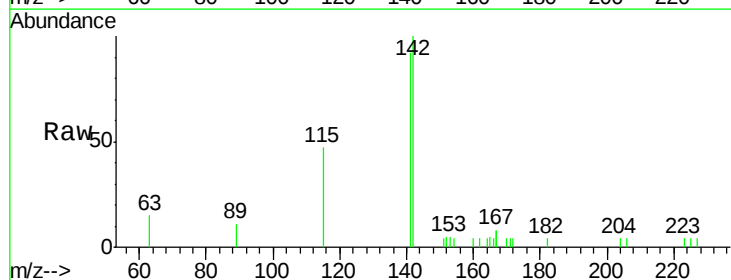
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

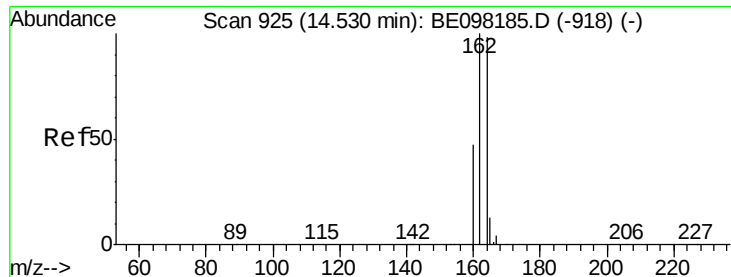
Tgt Ion:152 Resp: 1979
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.197 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098184.D
 Acq: 12 Nov 2018 10:29

Tgt Ion:142 Resp: 1892
 Ion Ratio Lower Upper
 142 100
 141 91.8 76.3 114.5
 115 46.8 35.8 53.8

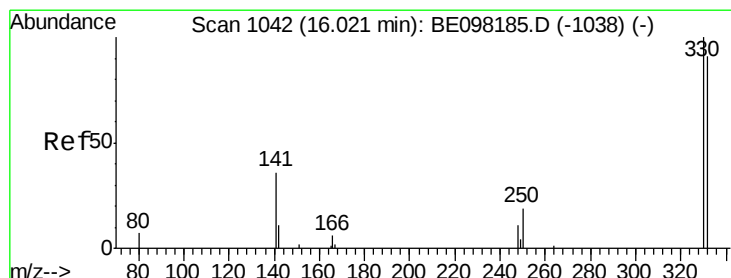
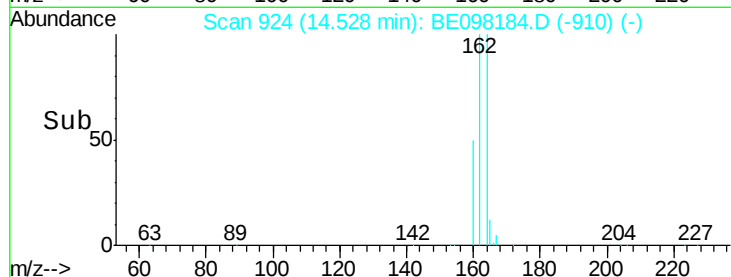
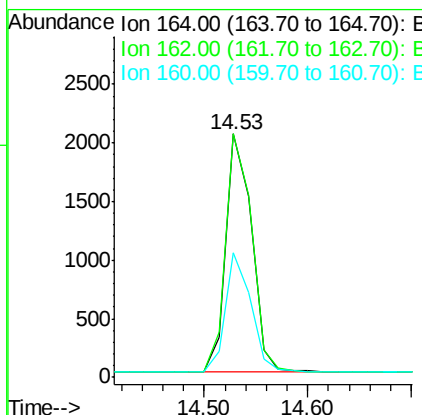
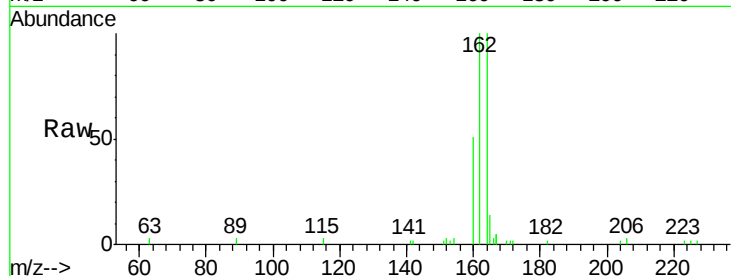




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

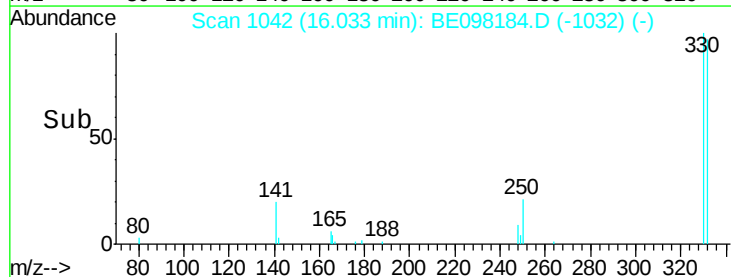
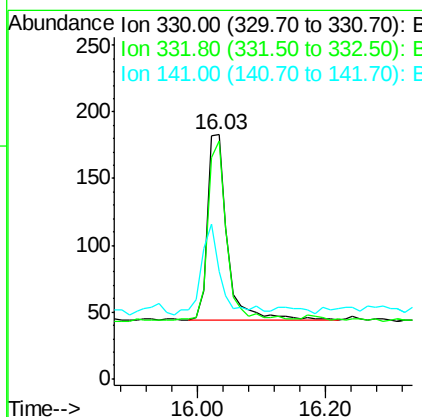
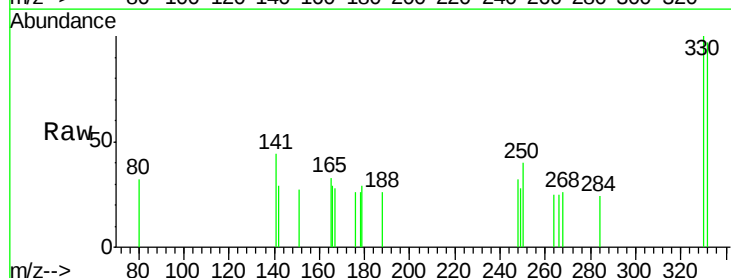
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

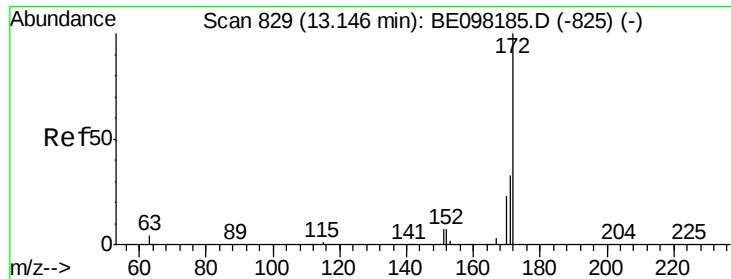
Tgt Ion:164 Resp: 3513
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.6
160 51.2 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

Tgt Ion:330 Resp: 304
Ion Ratio Lower Upper
330 100
332 90.8 77.7 116.5
141 47.7 33.6 50.4

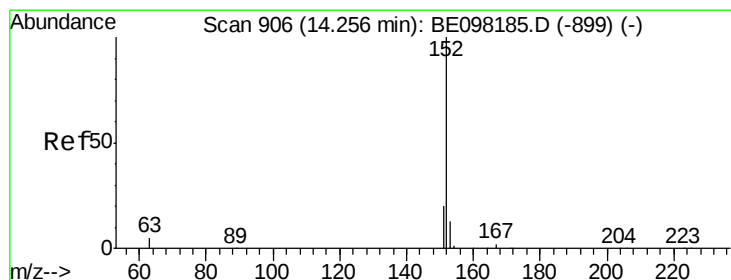
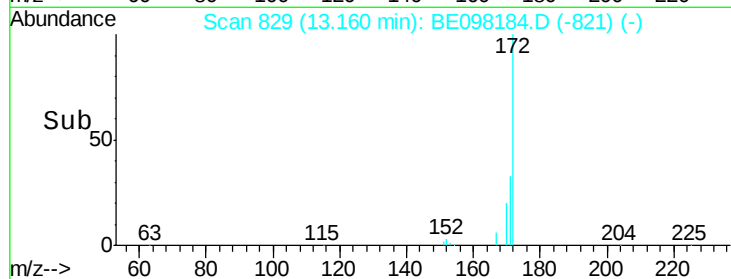
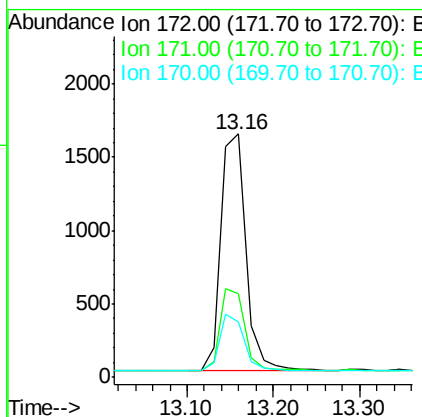
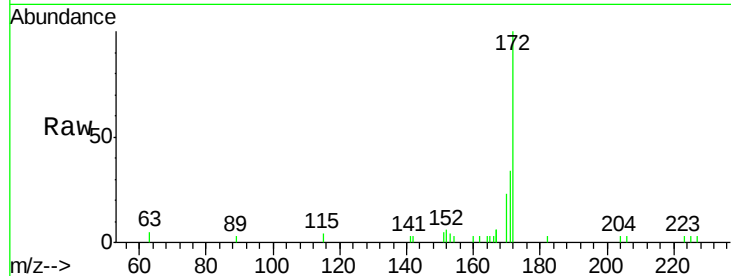




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

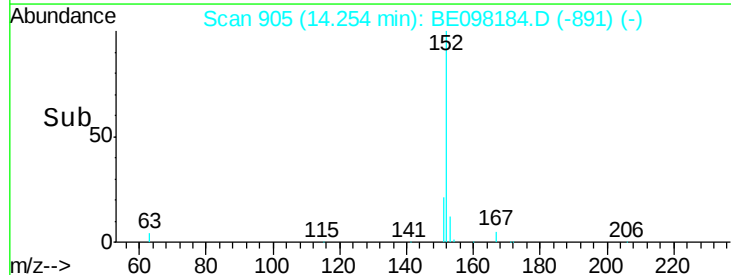
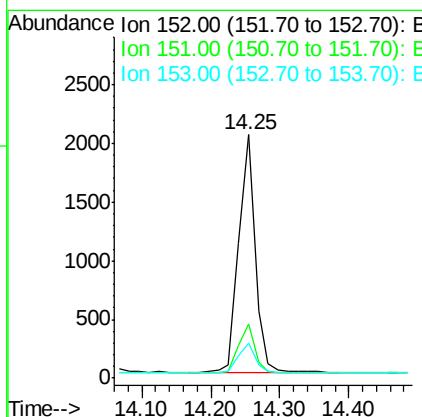
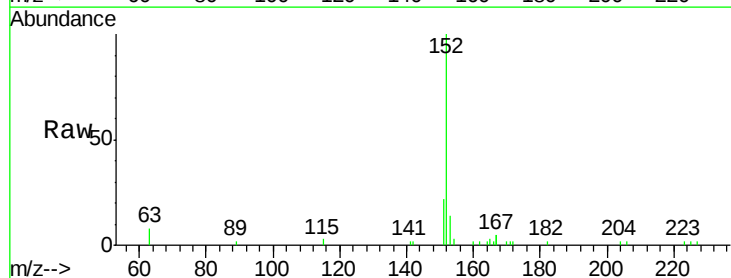
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

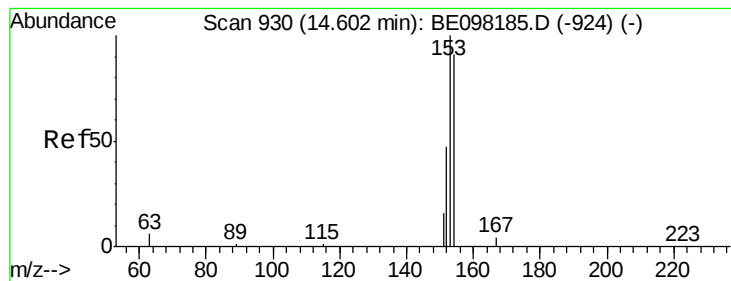
Tgt Ion:172 Resp: 3261
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 22.6 19.4 29.0



#16
Acenaphthylene
Concen: 0.210 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

Tgt Ion:152 Resp: 3366
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 12.3 10.6 15.8





#17

Acenaphthene

Concen: 0.210 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

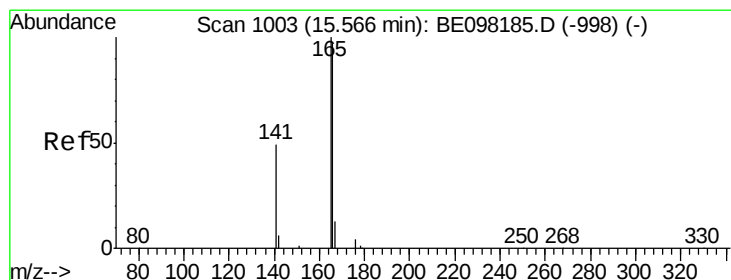
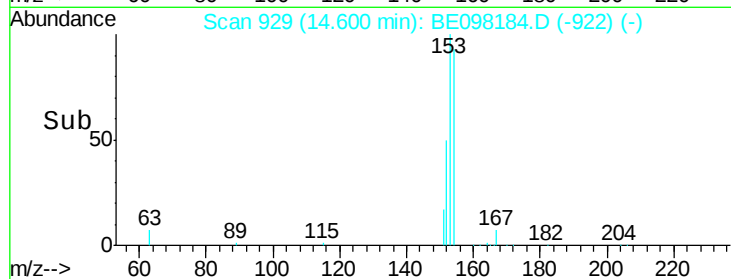
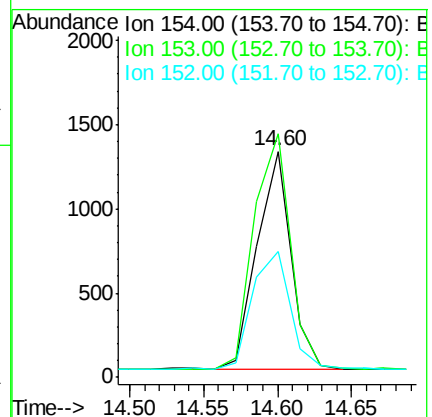
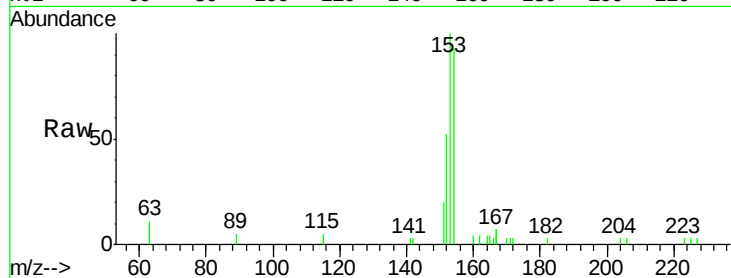
Tgt Ion:154 Resp: 2021

Ion Ratio Lower Upper

154 100

153 117.9 92.1 138.1

152 60.7 46.2 69.2



#18

Fluorene

Concen: 0.202 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

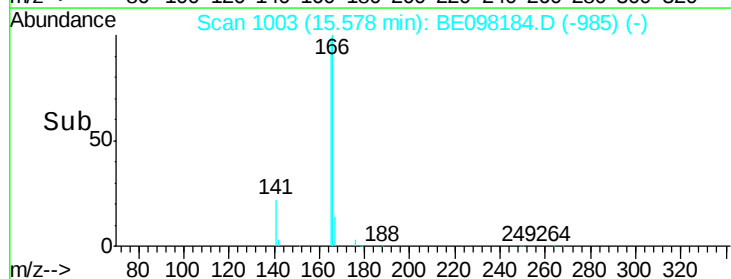
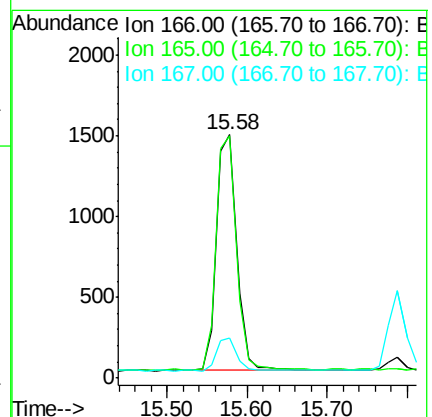
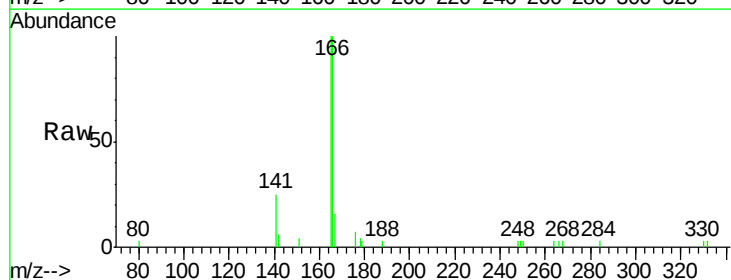
Tgt Ion:166 Resp: 2580

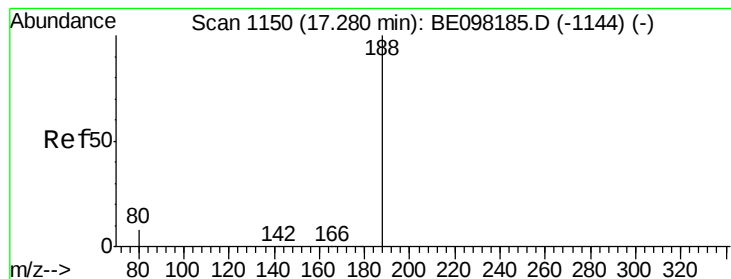
Ion Ratio Lower Upper

166 100

165 100.5 80.1 120.1

167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

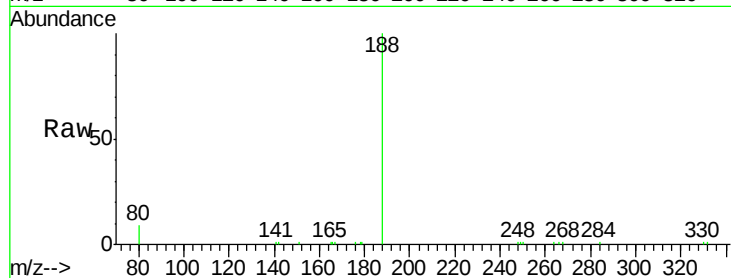
Tgt Ion:188 Resp: 8481

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

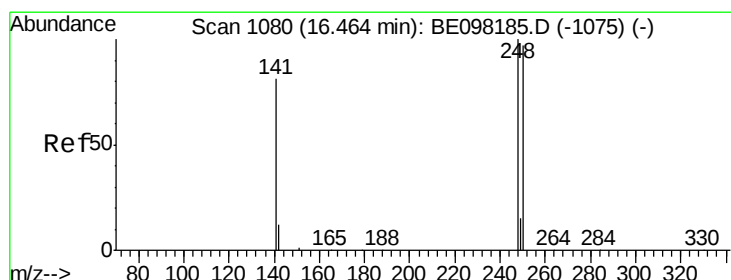
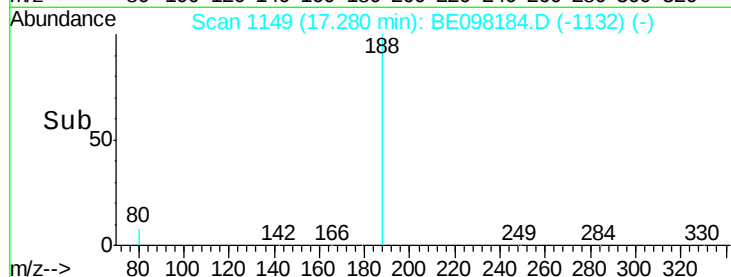
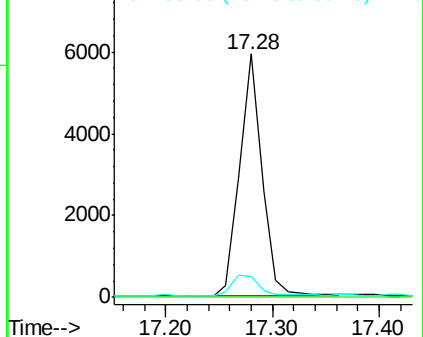
80 8.7 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.204 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

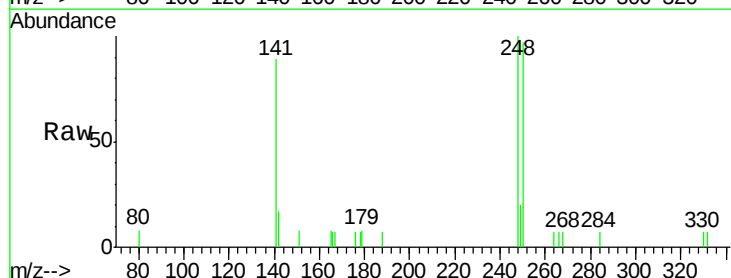
Tgt Ion:248 Resp: 1057

Ion Ratio Lower Upper

248 100

250 97.3 77.6 116.4

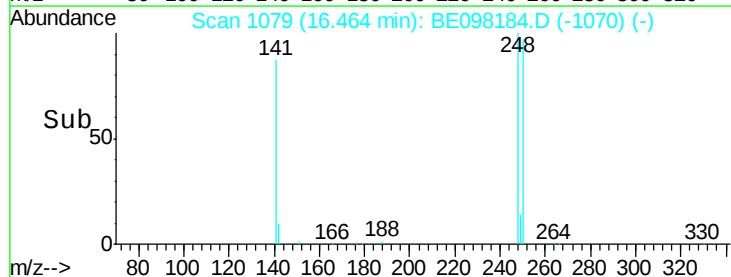
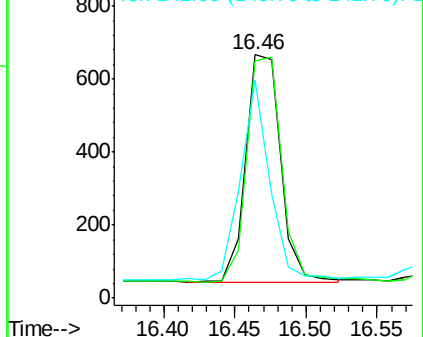
141 89.4 65.8 98.8

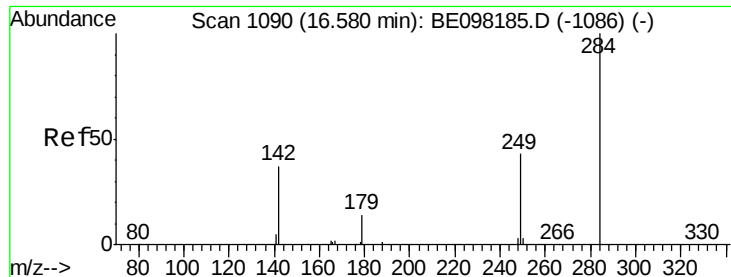


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

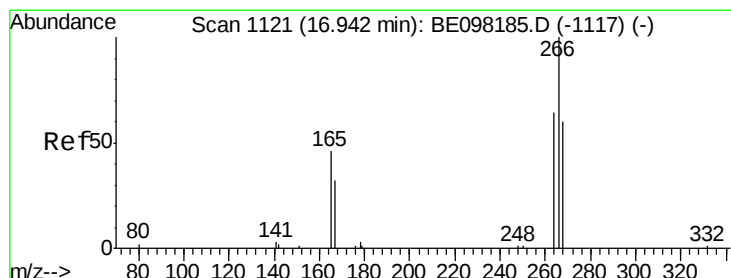
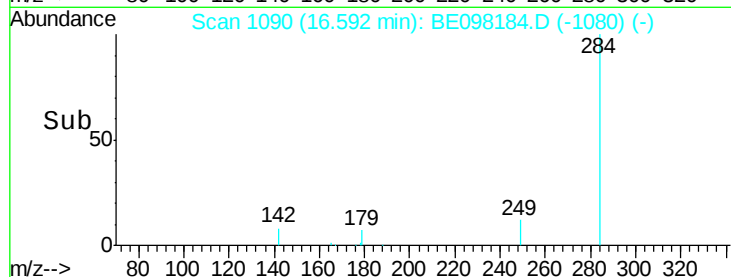
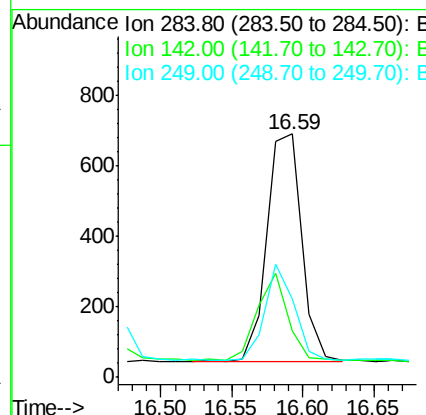
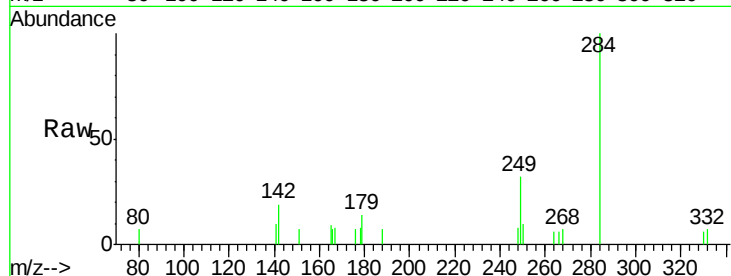




#21
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

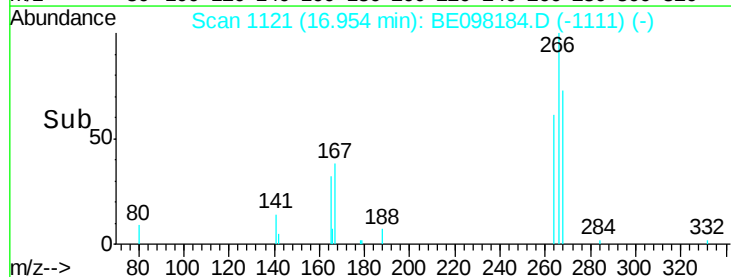
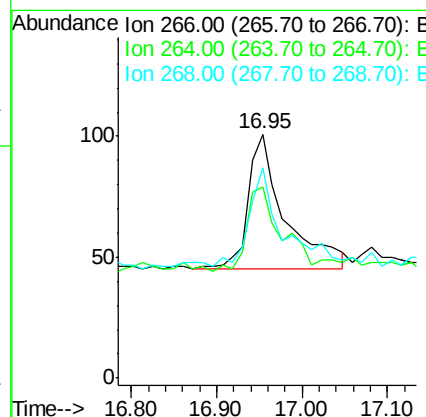
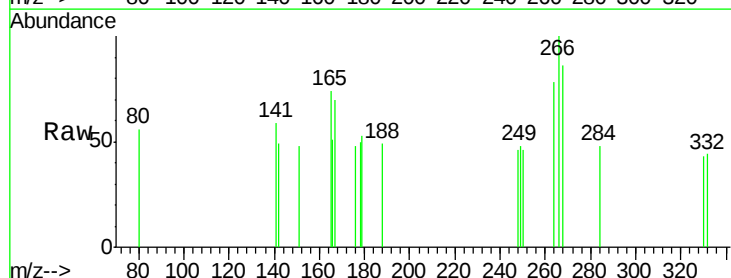
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

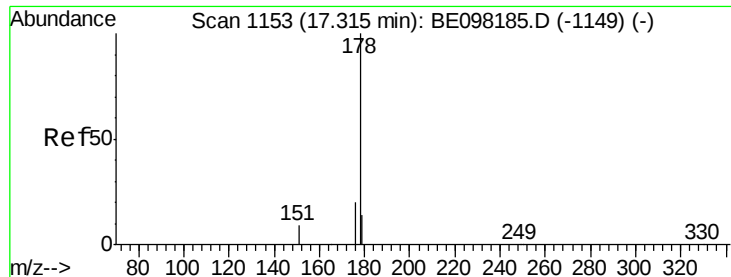
Tgt Ion: 284 Resp: 1092
Ion Ratio Lower Upper
284 100
142 33.6 26.5 39.7
249 35.6 28.4 42.6



#22
Pentachlorophenol
Concen: 0.141 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098184.D
Acq: 12 Nov 2018 10:29

Tgt Ion: 266 Resp: 169
Ion Ratio Lower Upper
266 100
264 78.2 57.6 86.4
268 86.1 56.8 85.2#





#23

Phenanthrene

Concen: 0.206 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

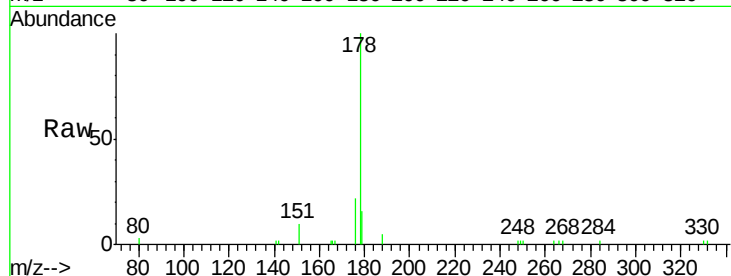
Tgt Ion:178 Resp: 4321

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

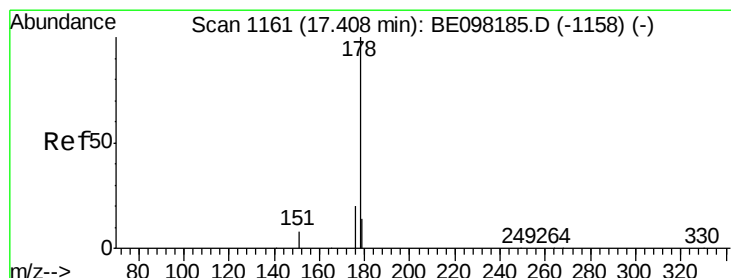
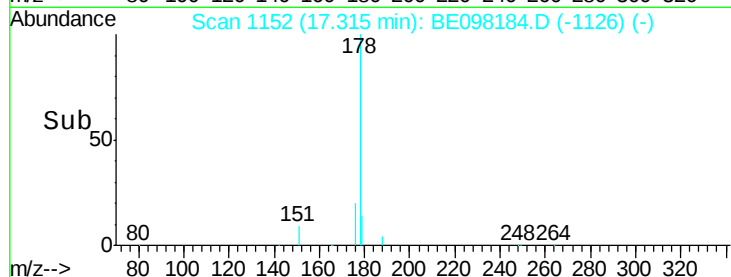
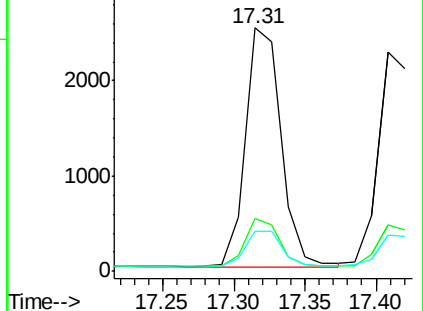
179 15.5 12.3 18.5



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: 0.192 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

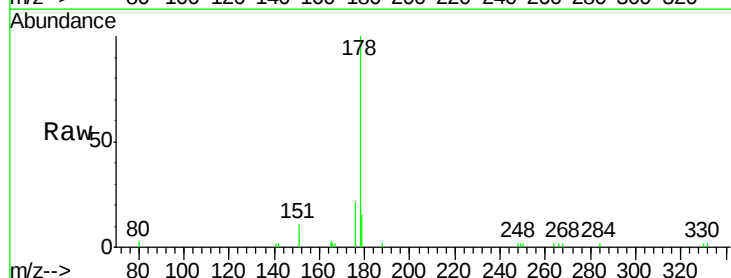
Tgt Ion:178 Resp: 3833

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

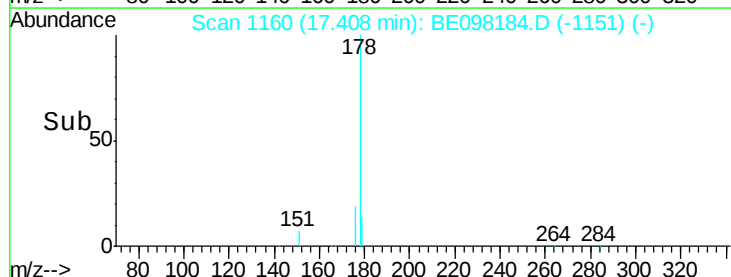
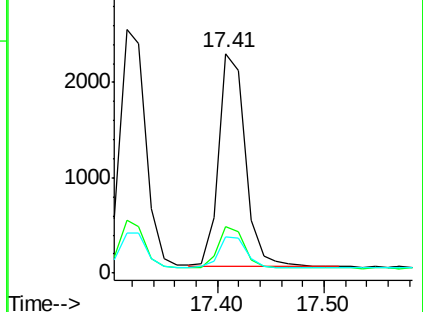
179 16.1 12.1 18.1

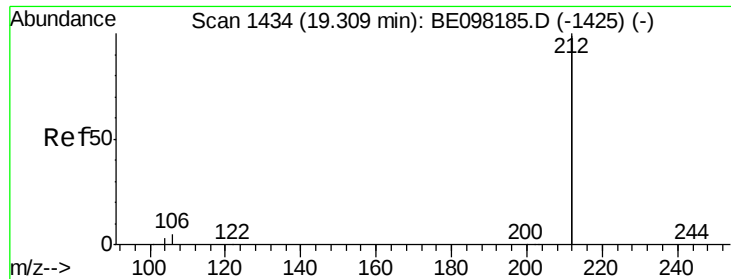


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.201 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

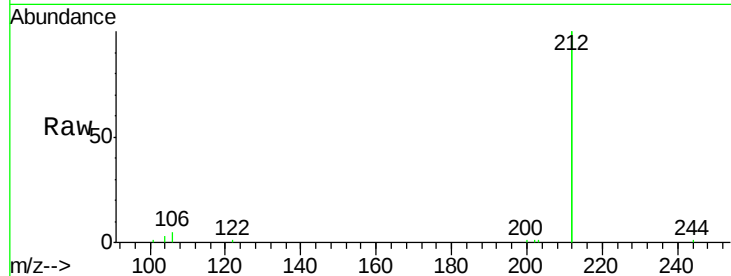
Tgt Ion:212 Resp: 21953

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

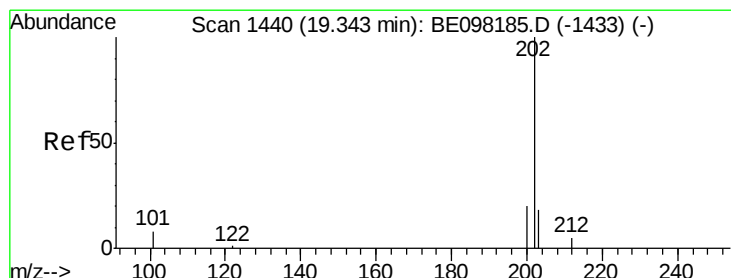
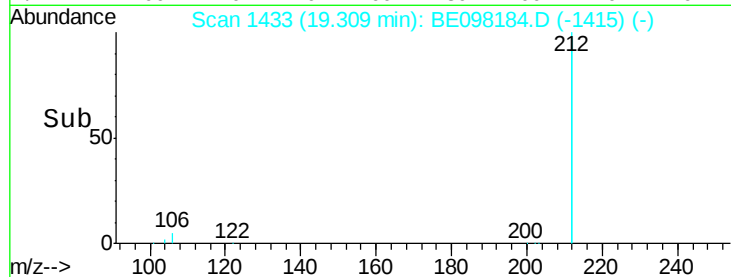
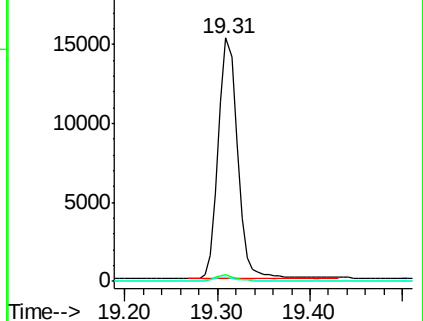
104 1.3 1.1 1.7



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: 0.207 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

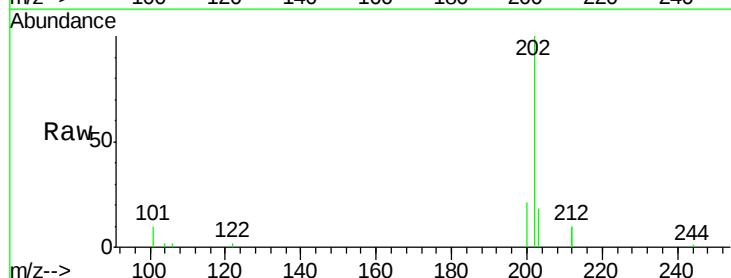
Tgt Ion:202 Resp: 5436

Ion Ratio Lower Upper

202 100

101 9.3 7.0 10.6

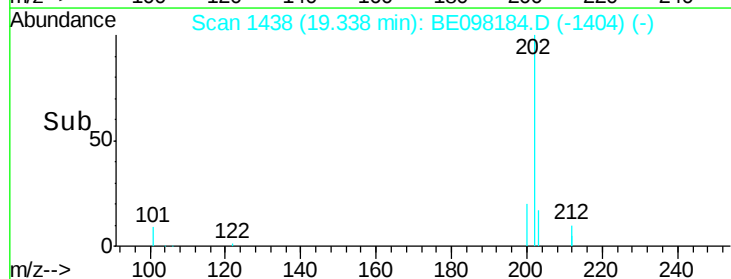
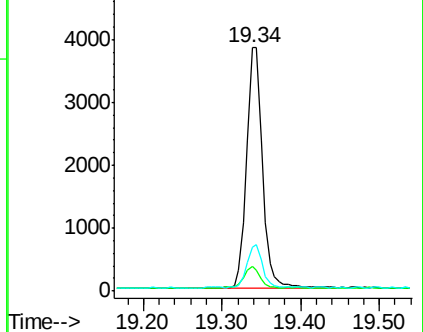
203 17.3 13.7 20.5

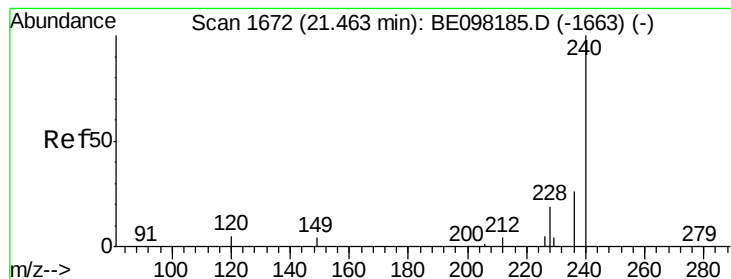


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

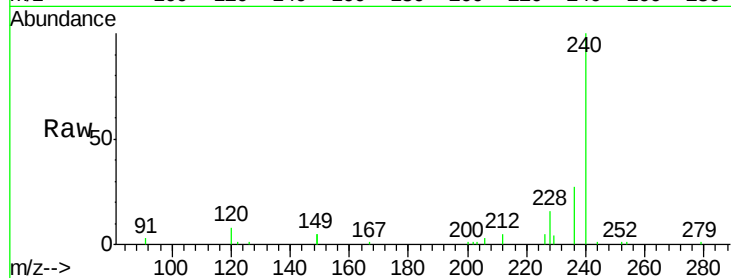
Tgt Ion:240 Resp: 9814

Ion Ratio Lower Upper

240 100

120 7.9 4.8 7.2#

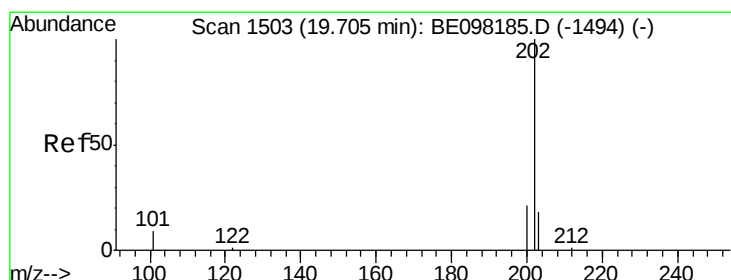
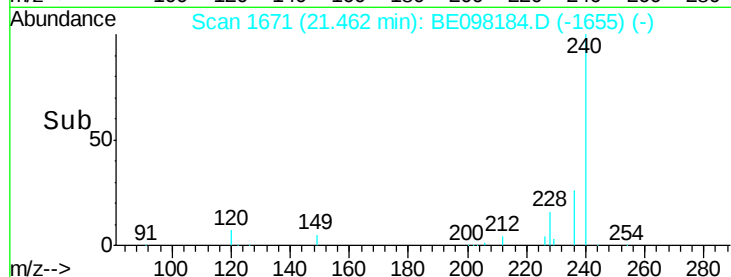
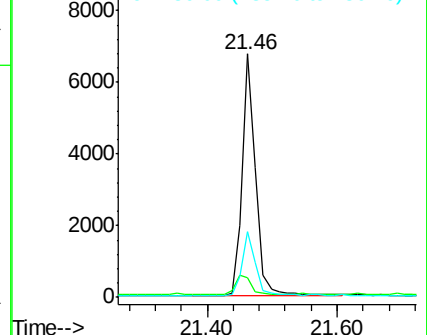
236 27.0 21.4 32.0



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: 0.209 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

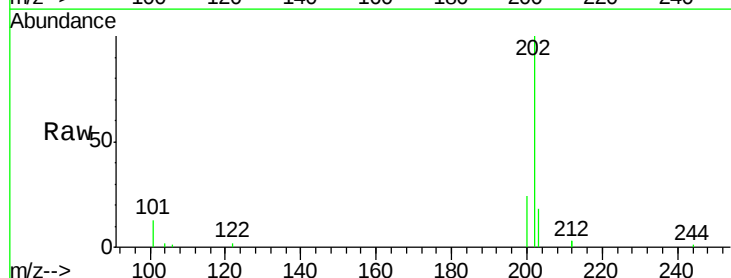
Tgt Ion:202 Resp: 5602

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

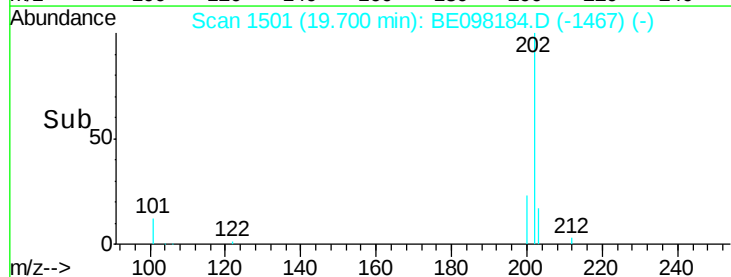
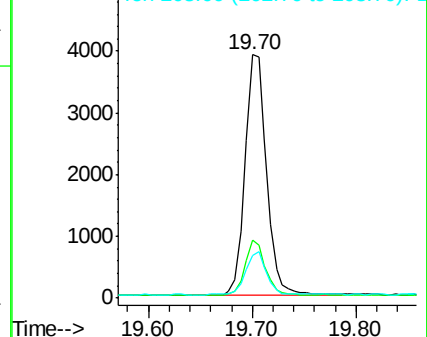
203 17.8 14.2 21.4

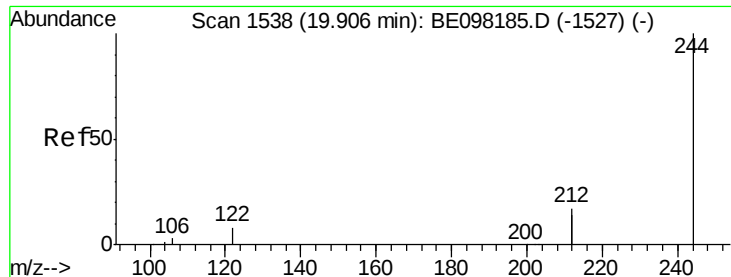


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.207 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

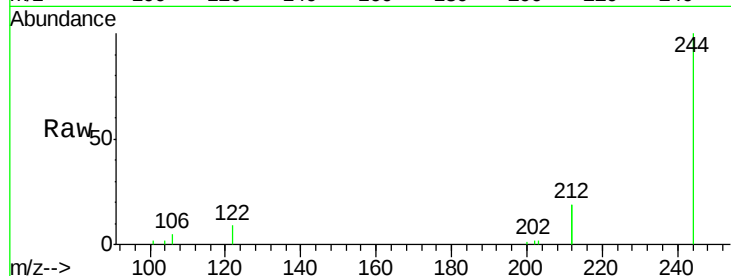
Tgt Ion:244 Resp: 4719

Ion Ratio Lower Upper

244 100

212 37.0 26.8 40.2

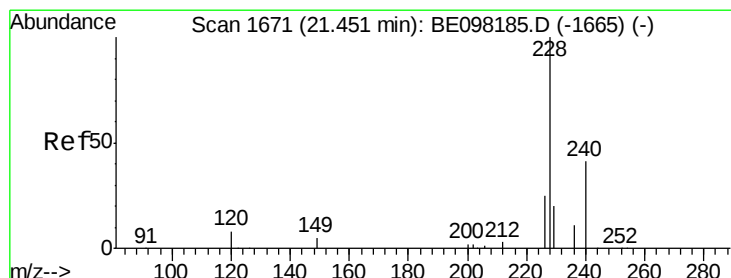
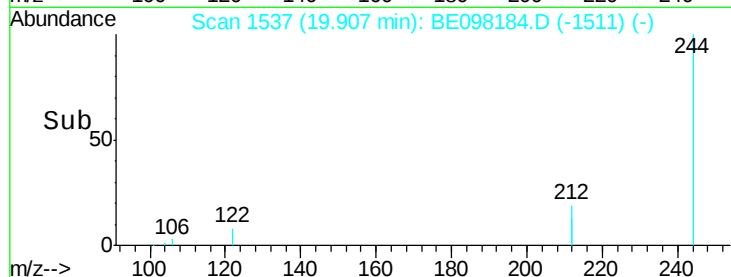
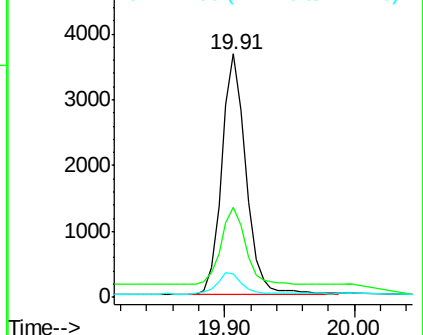
122 9.5 7.0 10.6



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: 0.199 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

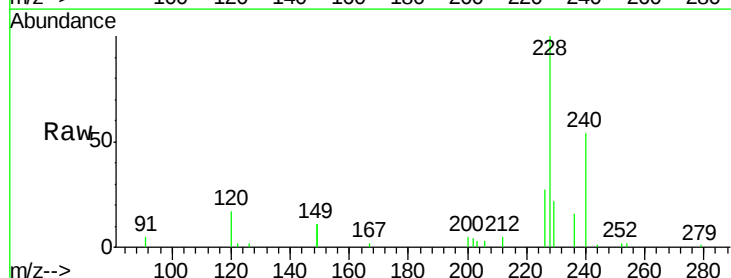
Tgt Ion:228 Resp: 5707

Ion Ratio Lower Upper

228 100

226 26.9 20.7 31.1

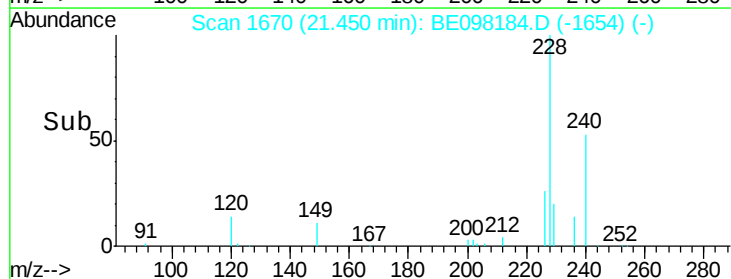
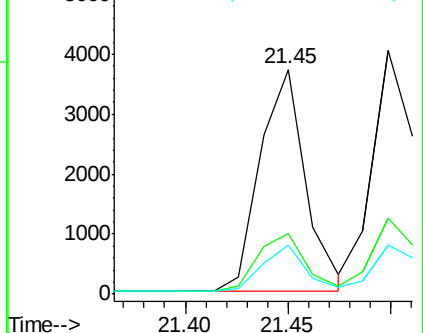
229 21.7 16.2 24.4

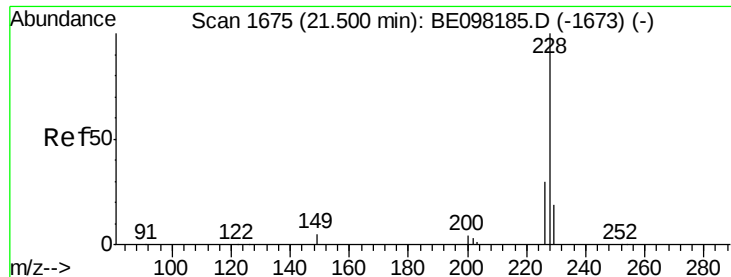


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.209 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

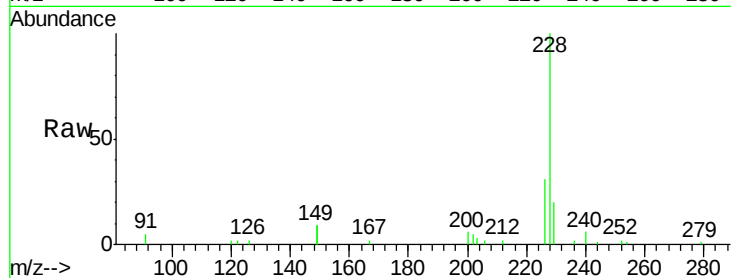
Tgt Ion:228 Resp: 5941

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

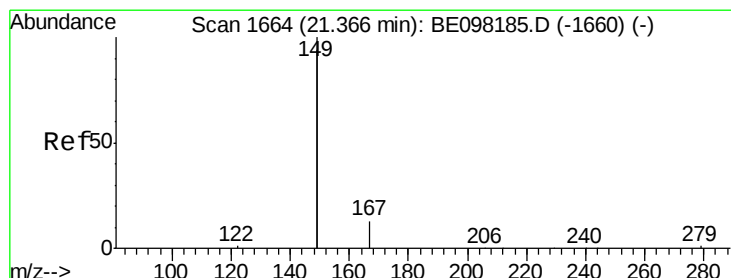
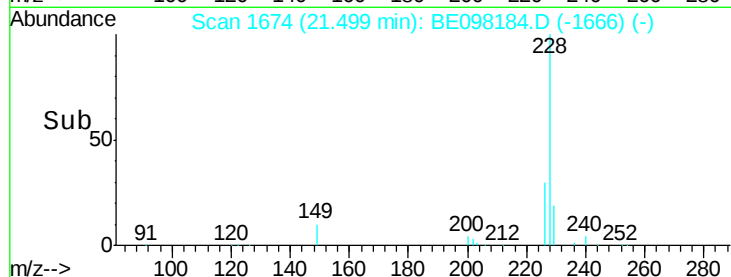
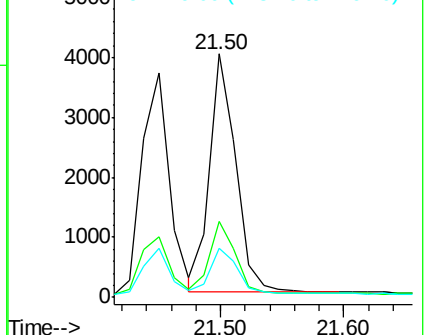
229 20.4 16.0 24.0



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: 0.117 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

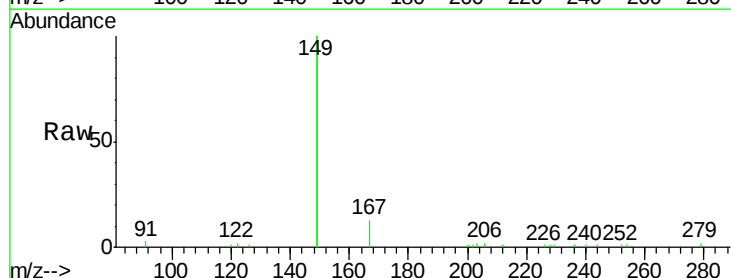
Tgt Ion:149 Resp: 11906

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

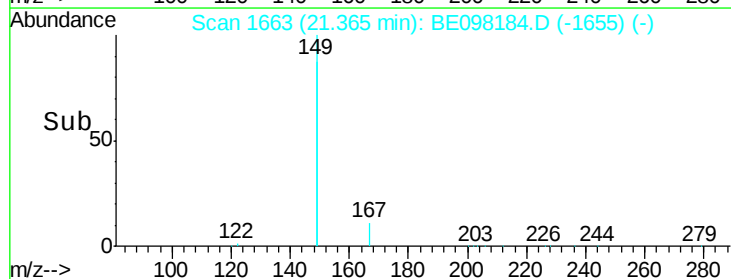
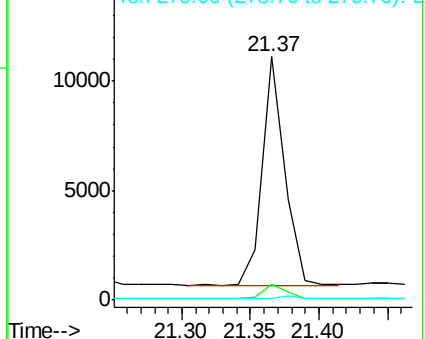
279 1.3 0.9 1.3#

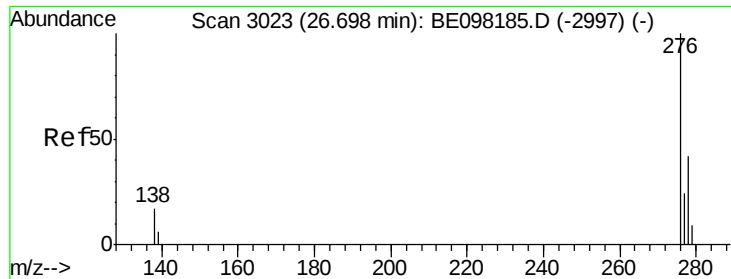


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.170 ng

RT: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

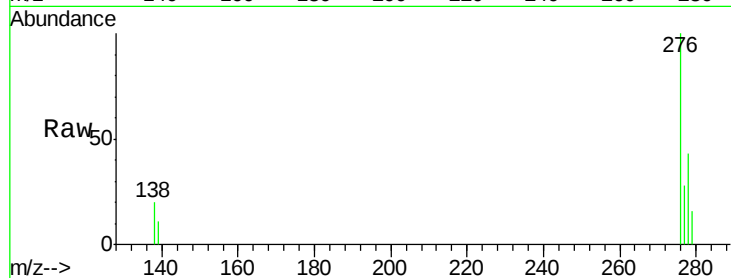
Tgt Ion:276 Resp: 5008

Ion Ratio Lower Upper

276 100

138 9.1 6.4 9.6

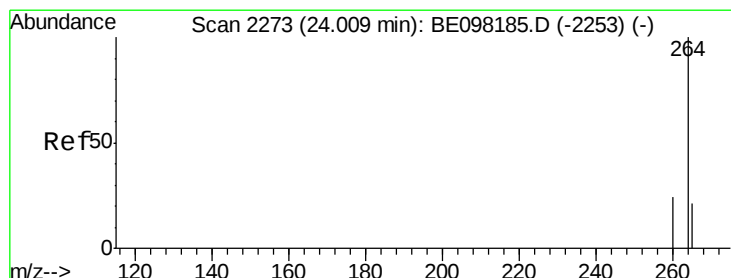
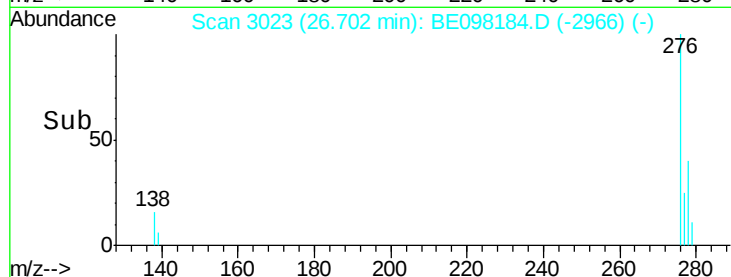
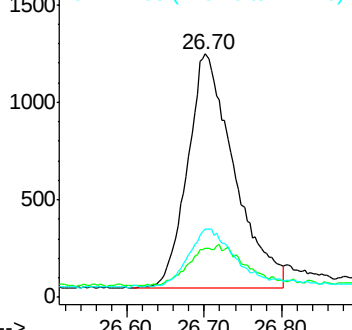
277 24.3 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

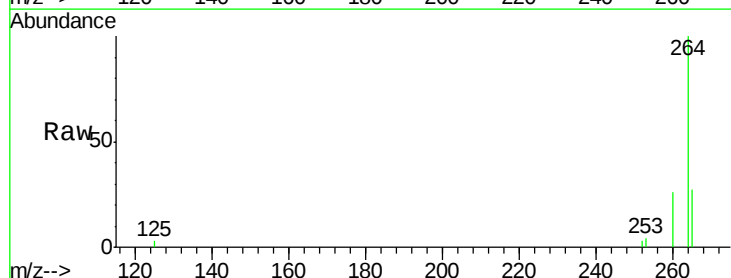
Tgt Ion:264 Resp: 9240

Ion Ratio Lower Upper

264 100

260 25.7 19.9 29.9

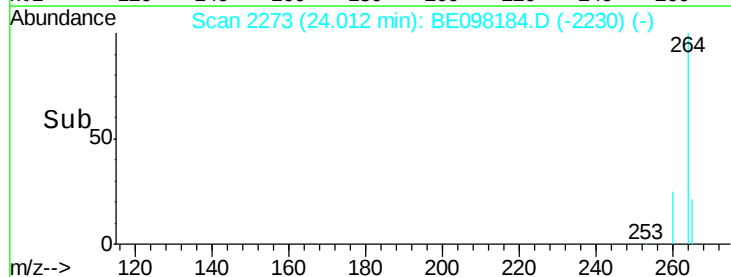
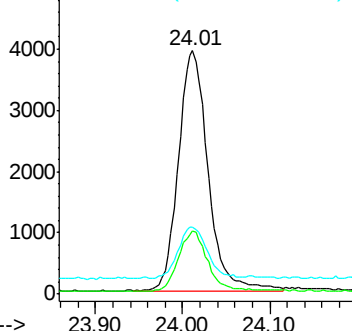
265 27.3 21.3 31.9

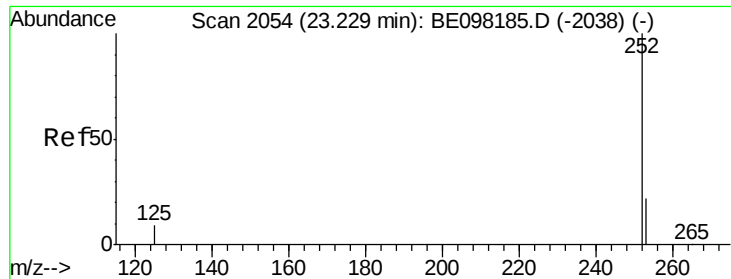


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.206 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

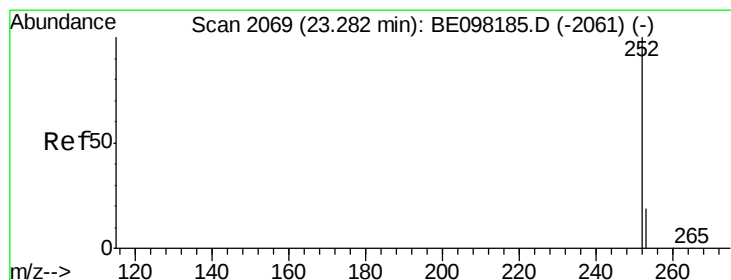
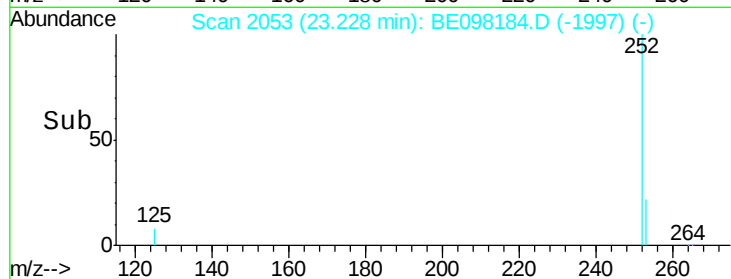
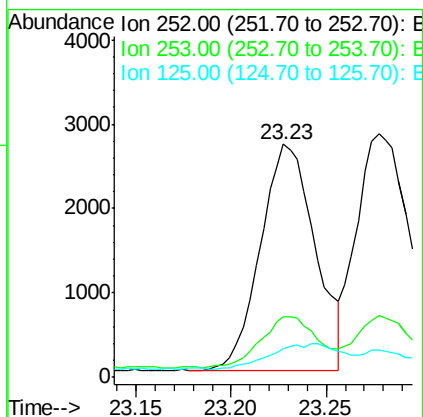
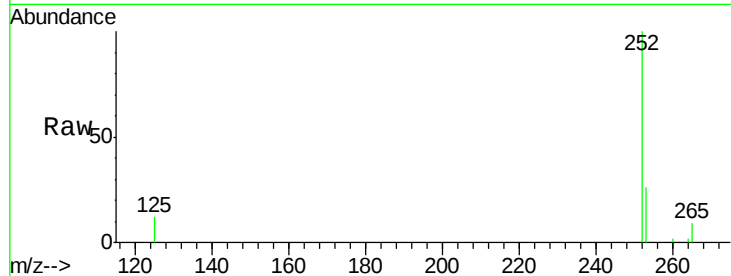
Tgt Ion:252 Resp: 5362

Ion Ratio Lower Upper

252 100

253 25.8 19.4 29.0

125 12.0 8.6 12.8



#36

Benzo(k)fluoranthene

Concen: 0.208 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

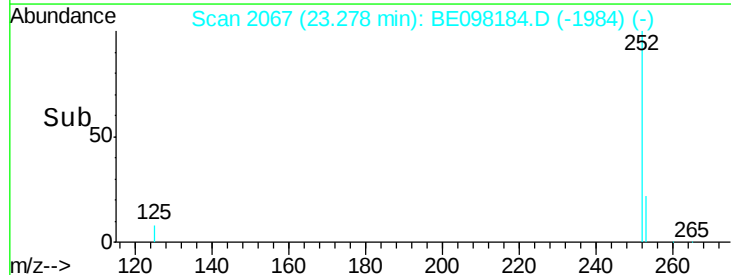
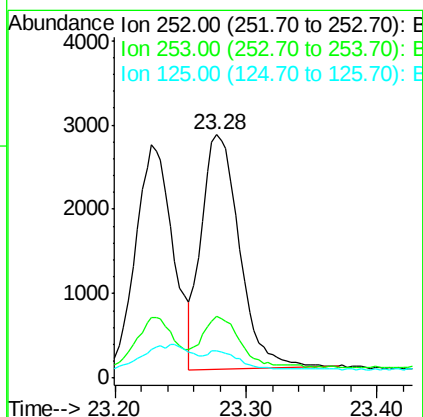
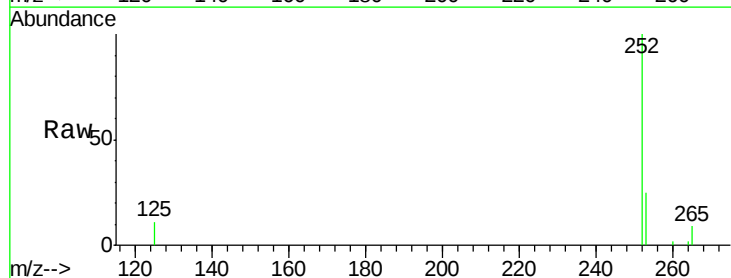
Tgt Ion:252 Resp: 5612

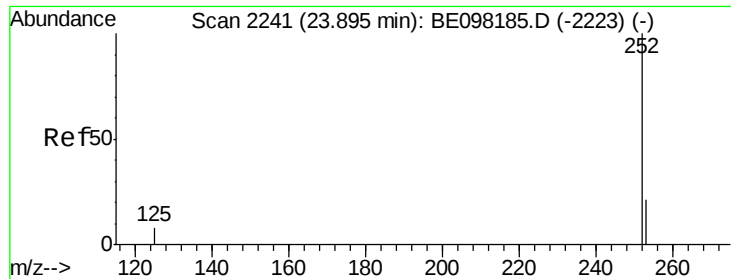
Ion Ratio Lower Upper

252 100

253 25.3 18.6 28.0

125 11.0 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.199 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

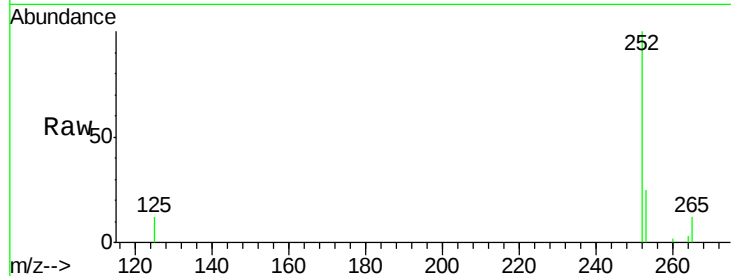
Tgt Ion: 252 Resp: 5062

Ion Ratio Lower Upper

252 100

253 25.2 18.6 27.8

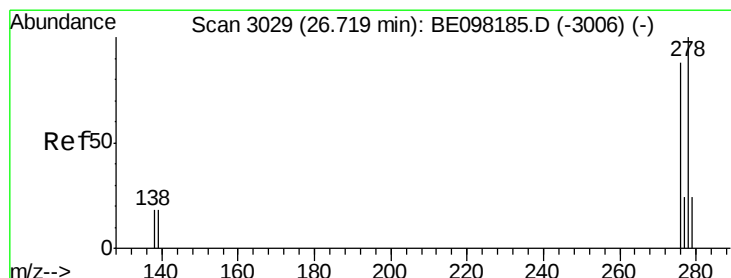
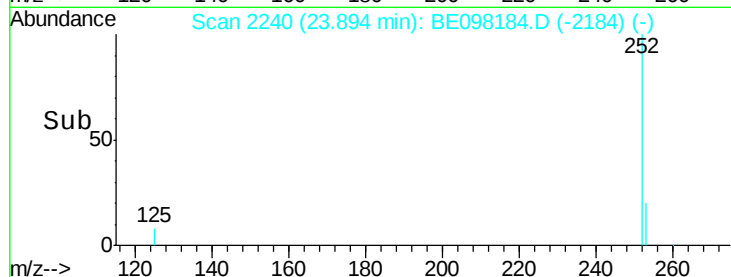
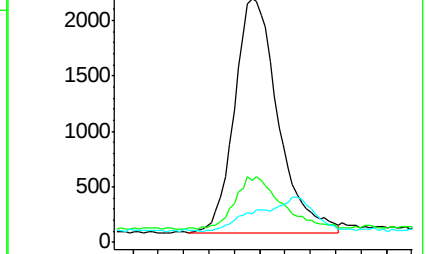
125 11.9 8.0 12.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.174 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.01 min

Lab File: BE098184.D

Acq: 12 Nov 2018 10:29

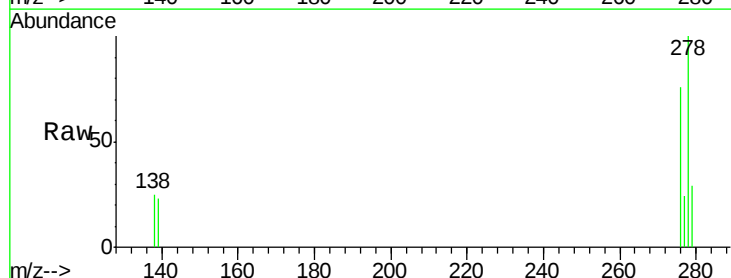
Tgt Ion: 278 Resp: 4135

Ion Ratio Lower Upper

278 100

139 23.2 16.4 24.6

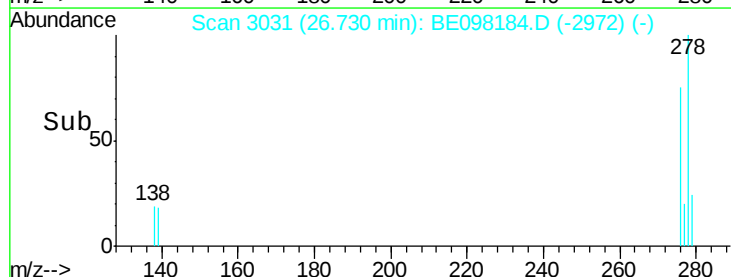
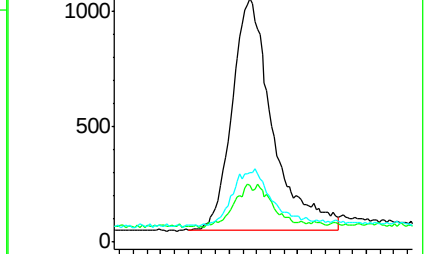
279 28.6 21.3 31.9

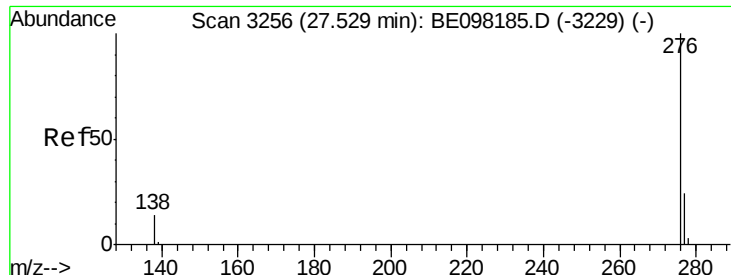


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.190 ng

RT: 27.53 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BE098184.D

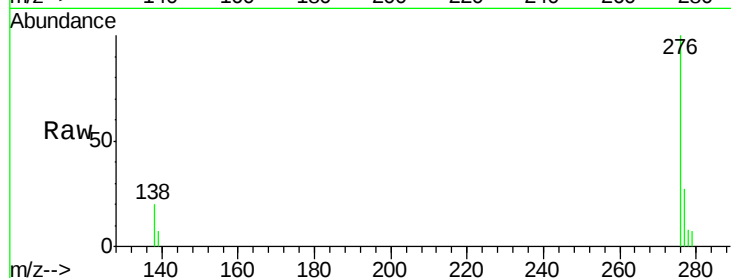
Acq: 12 Nov 2018 10:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 4482

Ion Ratio Lower Upper

276 100

277 26.8 20.4 30.6

138 20.3 13.2 19.8#

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

