

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110818\
 Data File : BE098179.D
 Acq On : 8 Nov 2018 9:28
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 09 09:48:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1092	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5440	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3547	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	8080	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9294	0.40	ng	0.00
34) Perylene-d12	24.01	264	8868	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1292	0.40	ng	0.00
5) Phenol-d6	7.04	99	2083	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	2292	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3836	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	554	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5830	0.40	ng	-0.01
25) Fluoranthene-d10	19.31	212	41970	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	8955	0.41	ng	0.00

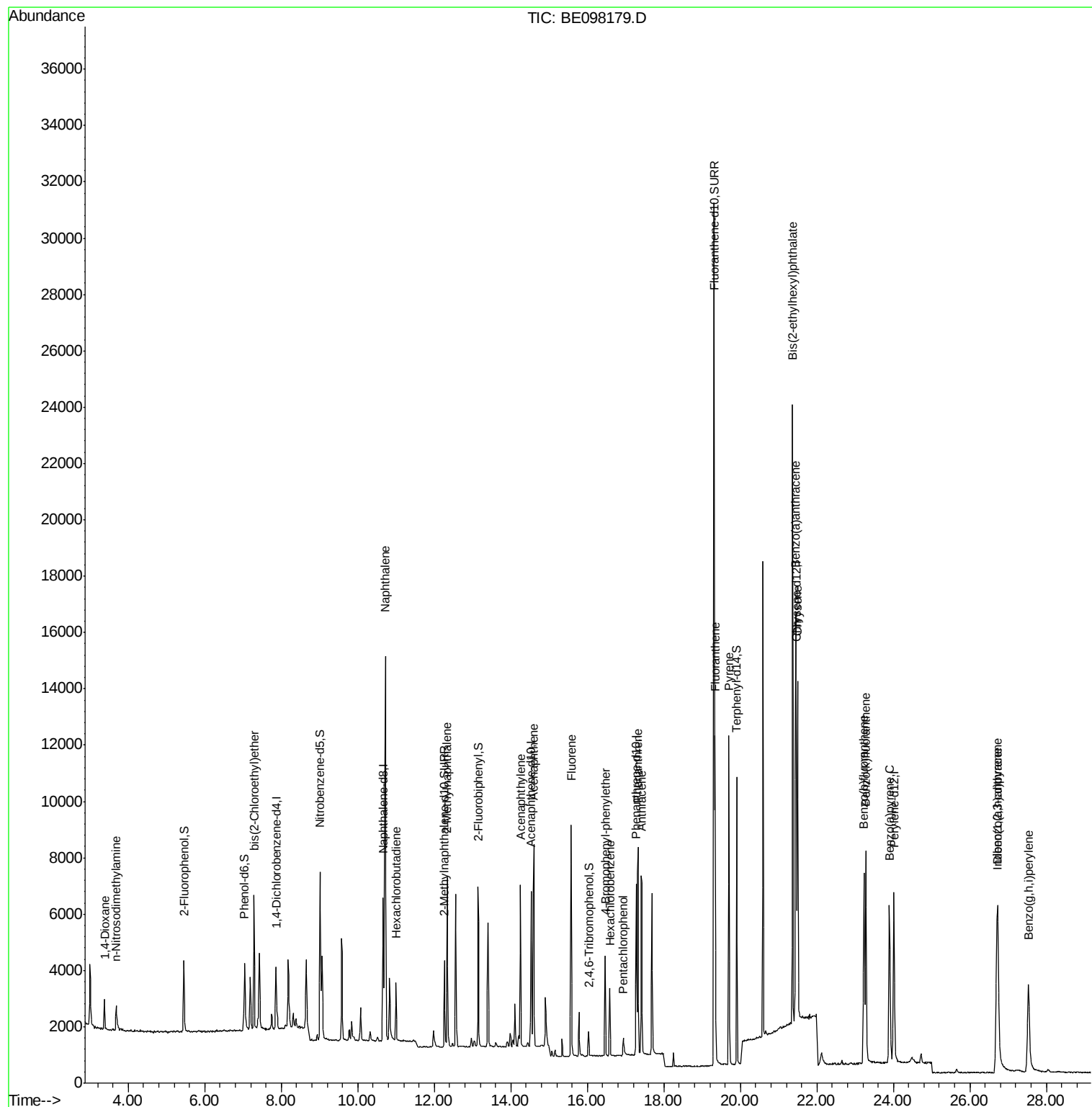
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	666	0.409	ng	96
3) n-Nitrosodimethylamine	3.69	42	859	0.395	ng	# 79
6) bis(2-Chloroethyl)ether	7.29	93	1566	0.401	ng	88
9) Naphthalene	10.72	128	22015	0.405	ng	100
10) Hexachlorobutadiene	11.00	225	1397	0.392	ng	98
12) 2-Methylnaphthalene	12.34	142	3968	0.409	ng	96
16) Acenaphthylene	14.26	152	6574	0.406	ng	99
17) Acenaphthene	14.60	154	3968	0.408	ng	99
18) Fluorene	15.58	166	5233	0.406	ng	98
20) 4-Bromophenyl-phenylether	16.47	248	2021	0.410	ng	# 81
21) Hexachlorobenzene	16.59	284	2172	0.422	ng	98
22) Pentachlorophenol	16.94	266	433	0.418	ng	# 85
23) Phenanthrene	17.33	178	8360	0.418	ng	99
24) Anthracene	17.41	178	7711	0.405	ng	99
26) Fluoranthene	19.34	202	10330	0.412	ng	96
28) Pyrene	19.70	202	10858	0.428	ng	99
30) Benzo(a)anthracene	21.45	228	11215	0.413	ng	98
31) Chrysene	21.50	228	11174	0.416	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	24653	0.260	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	10803	0.387	ng	96
35) Benzo(b)fluoranthene	23.23	252	10511	0.421	ng	# 91
36) Benzo(k)fluoranthene	23.28	252	10852	0.420	ng	# 89
37) Benzo(a)pyrene	23.90	252	10006	0.410	ng	# 89
38) Dibenzo(a,h)anthracene	26.73	278	9041	0.397	ng	# 94
39) Benzo(g,h,i)perylene	27.53	276	9036	0.399	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110818\
Data File : BE098179.D
Acq On : 8 Nov 2018 9:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 09 09:48:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

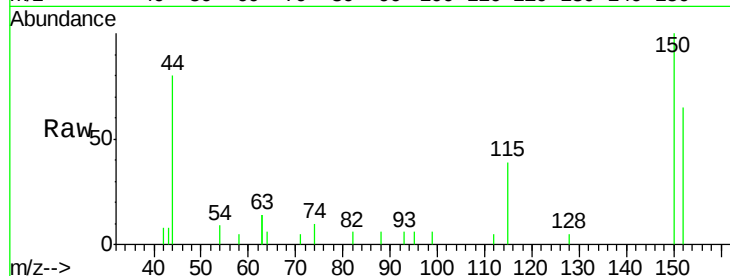
Tgt Ion:152 Resp: 1092

Ion Ratio Lower Upper

152 100

150 153.2 118.2 177.4

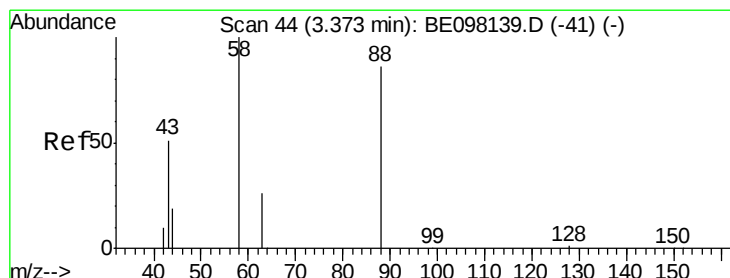
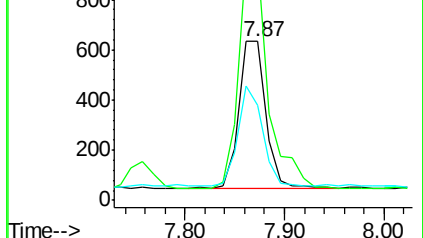
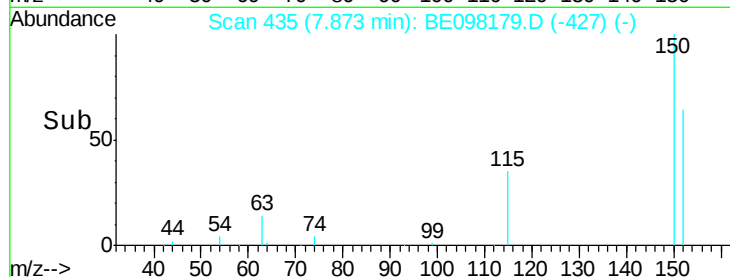
115 60.1 50.9 76.3



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: 0.409 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

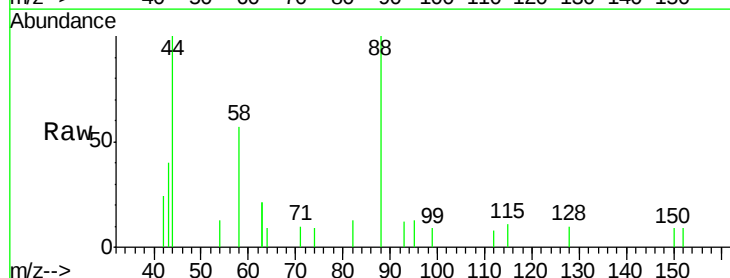
Tgt Ion: 88 Resp: 666

Ion Ratio Lower Upper

88 100

58 87.2 73.2 109.8

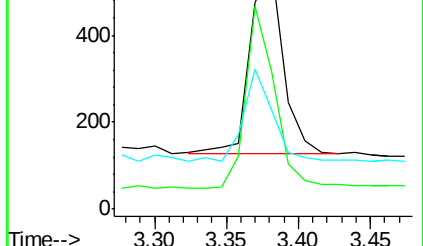
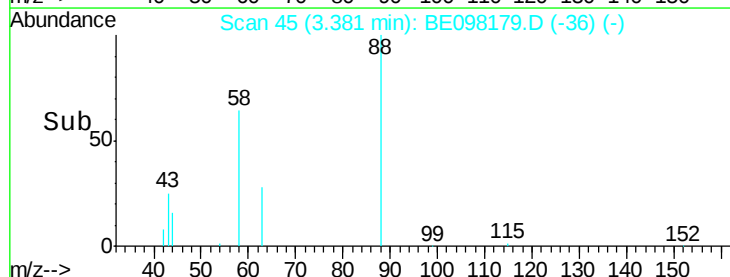
43 44.9 36.9 55.3

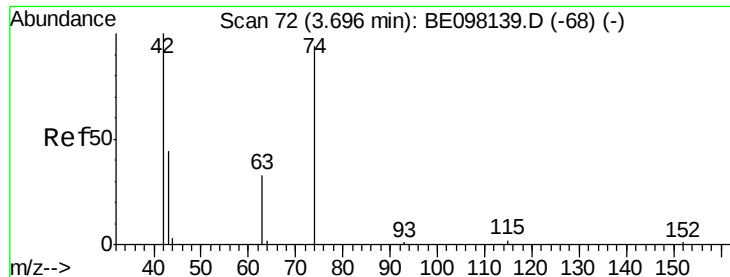


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

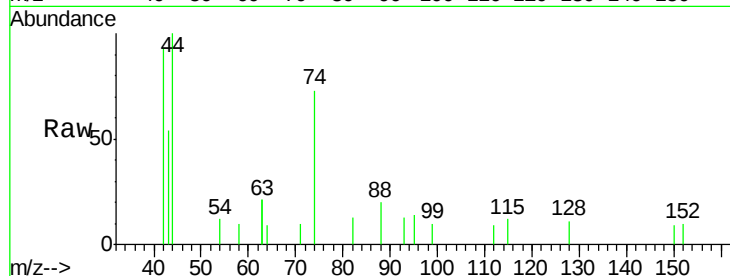
Tgt Ion: 42 Resp: 859

Ion Ratio Lower Upper

42 100

74 76.1 77.6 116.4#

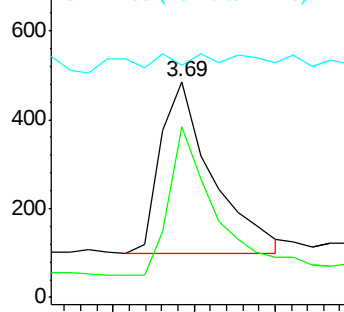
44 3.3 7.6 11.4#



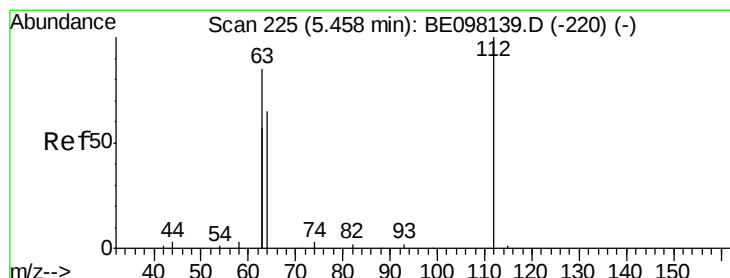
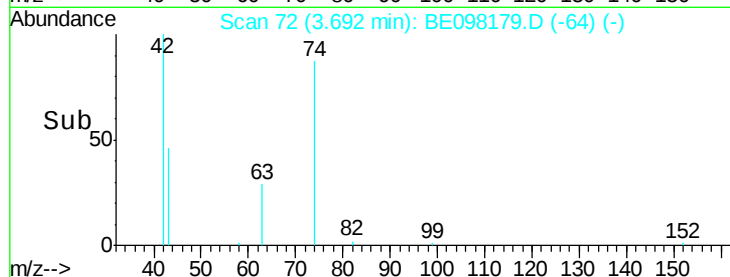
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.399 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

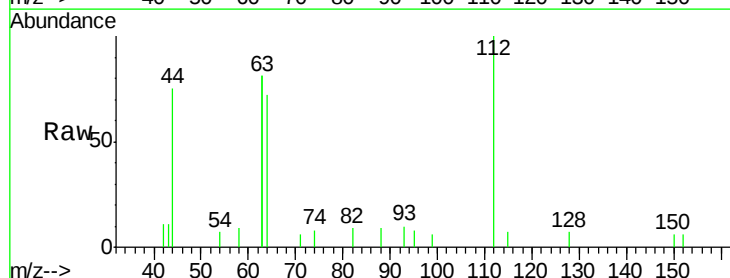
Tgt Ion: 112 Resp: 1292

Ion Ratio Lower Upper

112 100

64 84.1 58.9 88.3

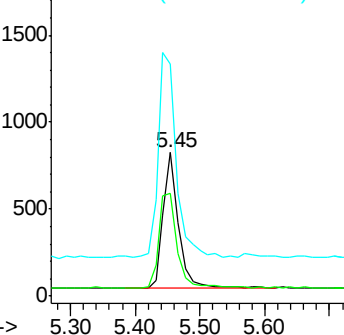
63 178.1 120.3 180.5



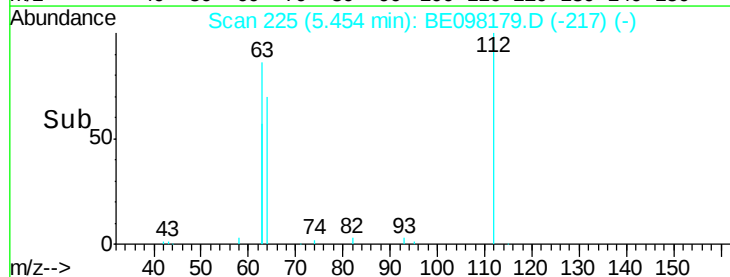
Abundance Ion 112.00 (111.70 to 112.70): E

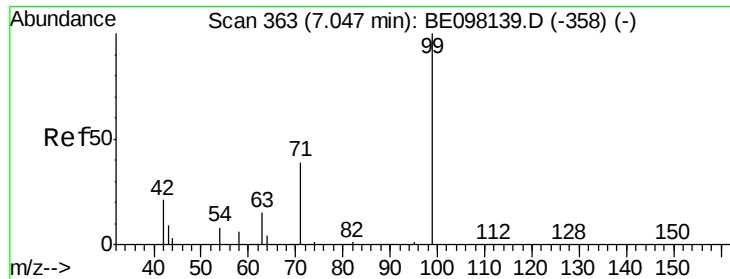
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

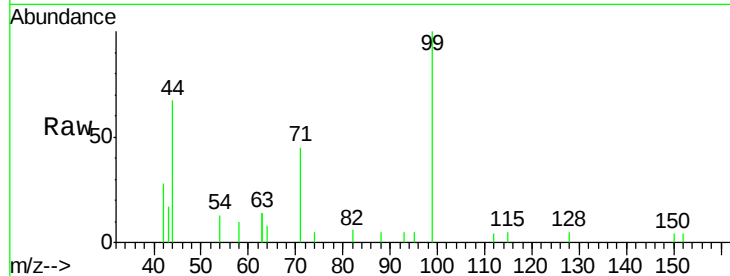
Tgt Ion: 99 Resp: 2083

Ion Ratio Lower Upper

99 100

42 32.7 19.9 29.9#

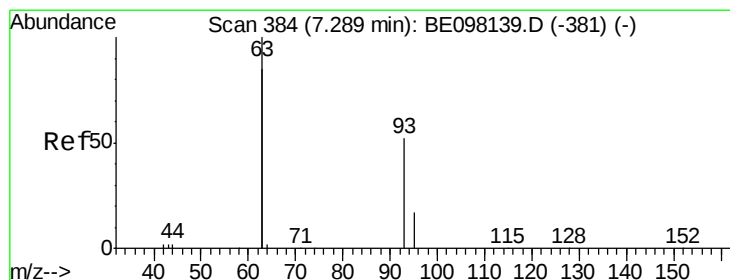
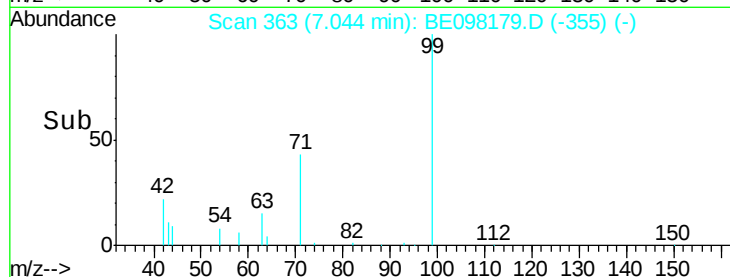
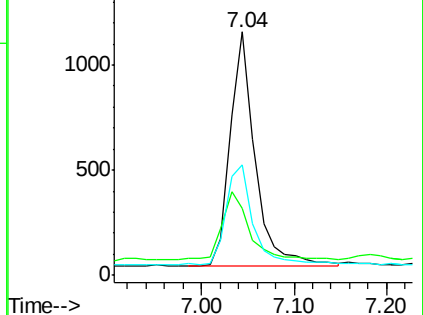
71 49.0 27.8 41.8#



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: 0.401 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

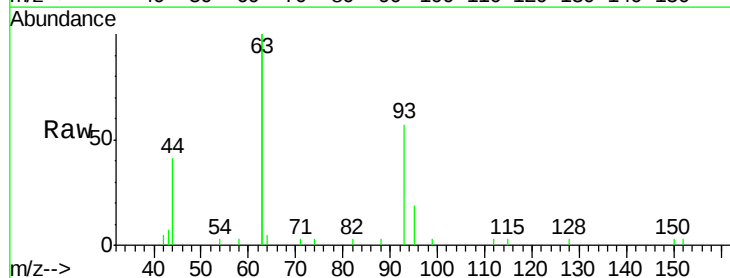
Tgt Ion: 93 Resp: 1566

Ion Ratio Lower Upper

93 100

63 350.5 259.0 388.4

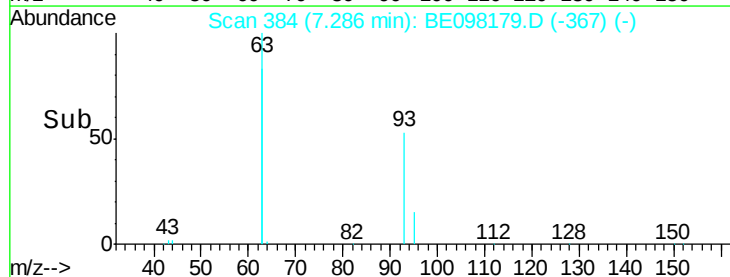
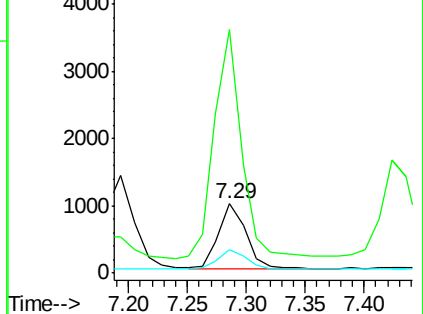
95 33.8 27.8 41.8

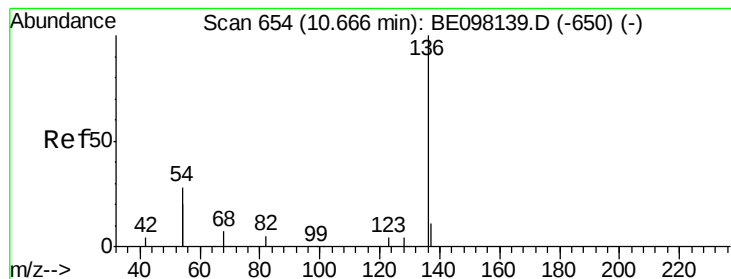


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 5440

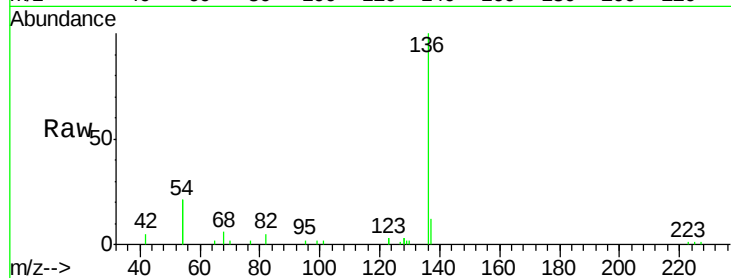
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 41.5 27.7 41.5

68 6.4 5.3 7.9

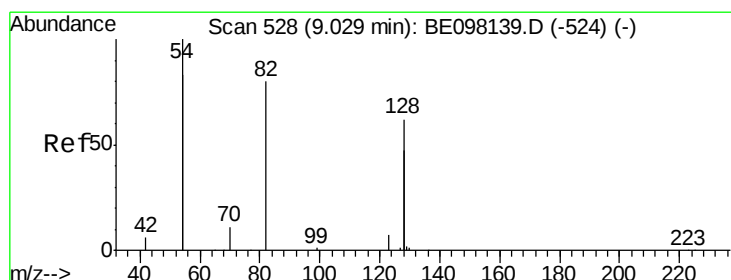
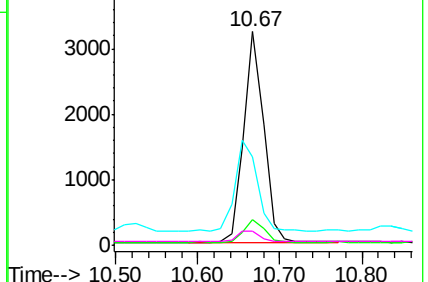
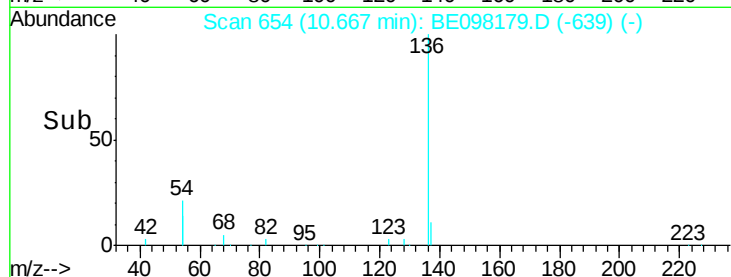


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

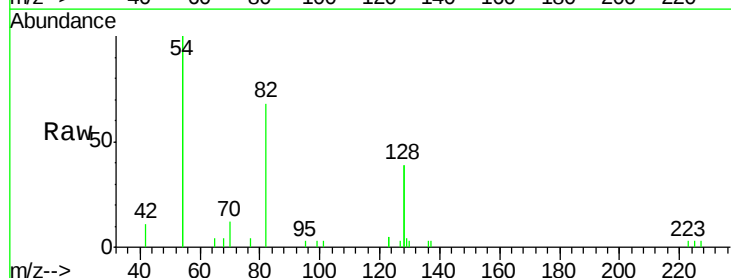
Tgt Ion: 82 Resp: 2292

Ion Ratio Lower Upper

82 100

128 113.2 129.9 194.9#

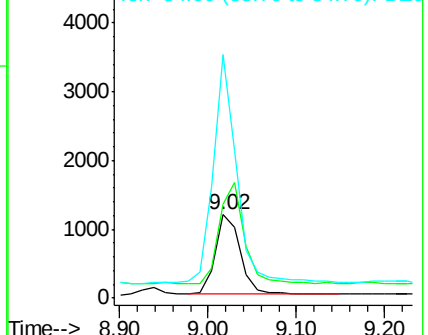
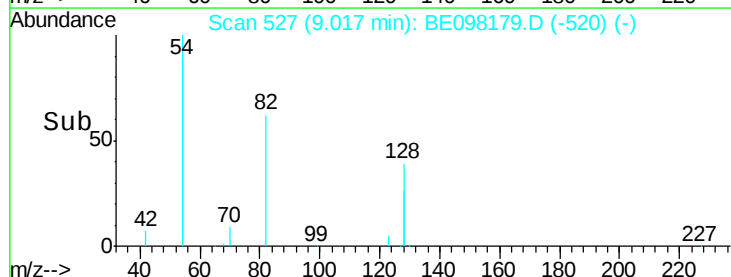
54 292.1 174.0 261.0#

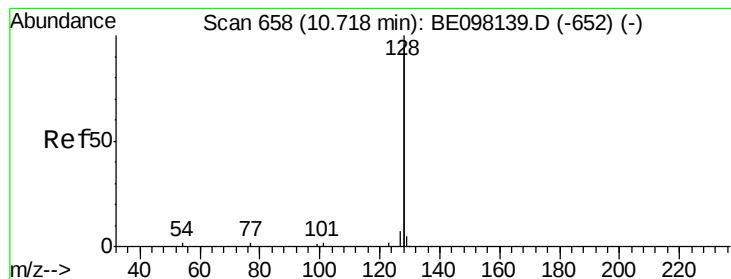


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

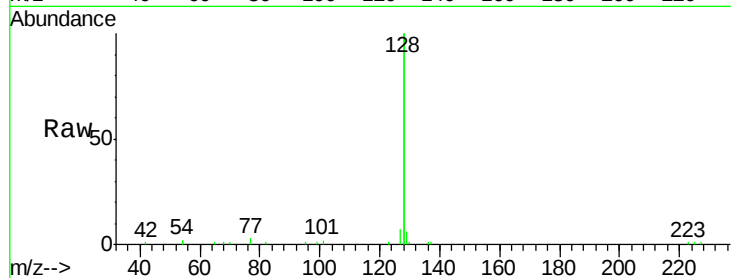
Tgt Ion:128 Resp: 22015

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

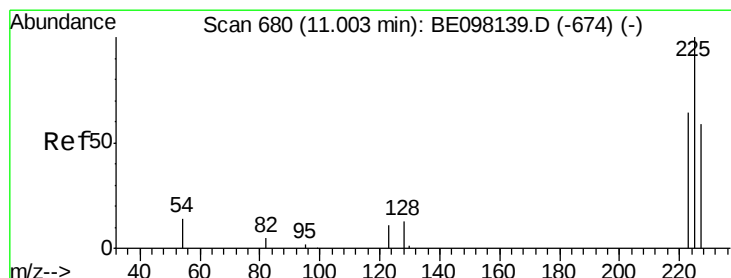
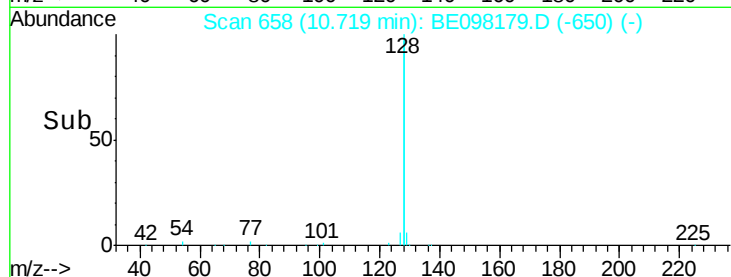
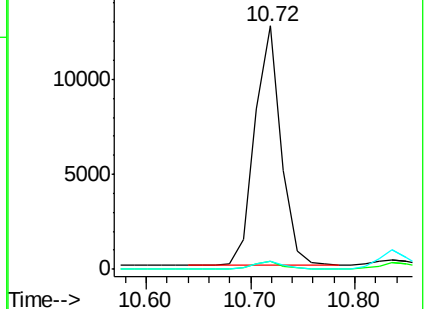
127 3.6 2.8 4.2



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: 0.392 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

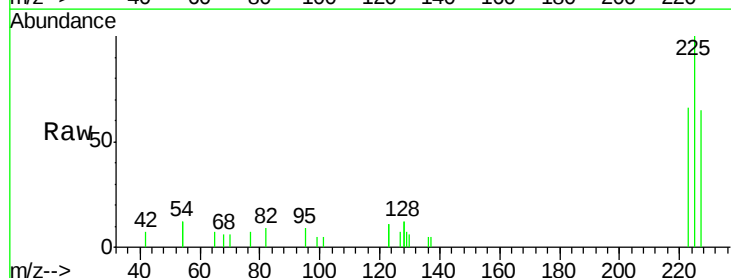
Tgt Ion:225 Resp: 1397

Ion Ratio Lower Upper

225 100

223 63.9 51.8 77.8

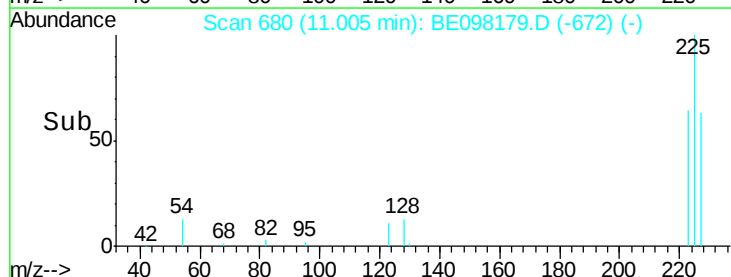
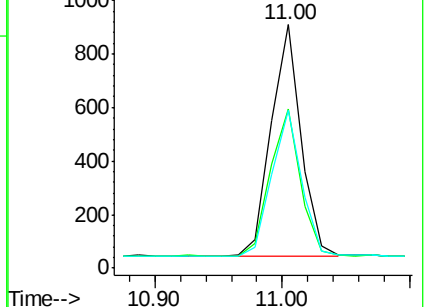
227 63.4 53.0 79.6

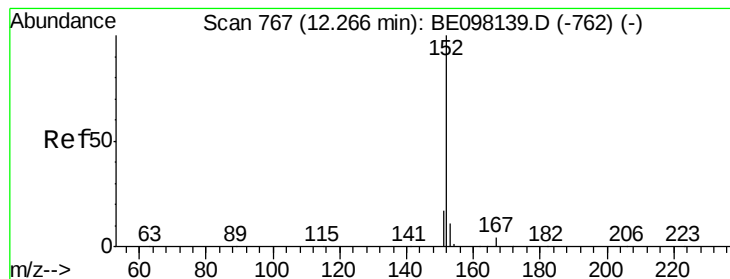


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

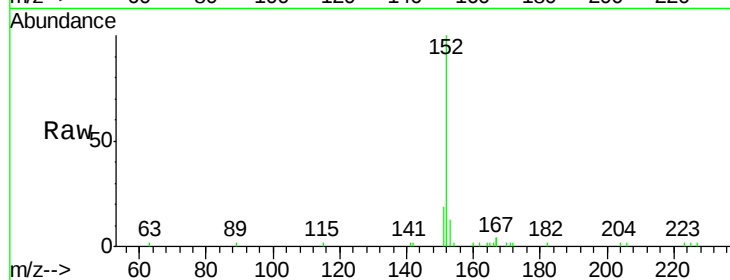
SSTDCCC0.4

Tgt Ion:152 Resp: 3836

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

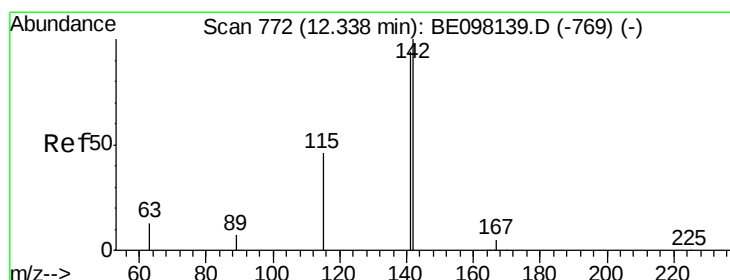
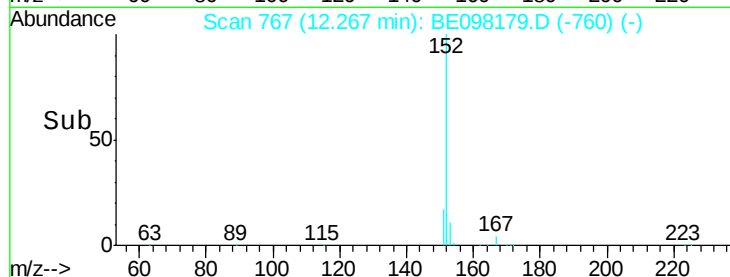
1500

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

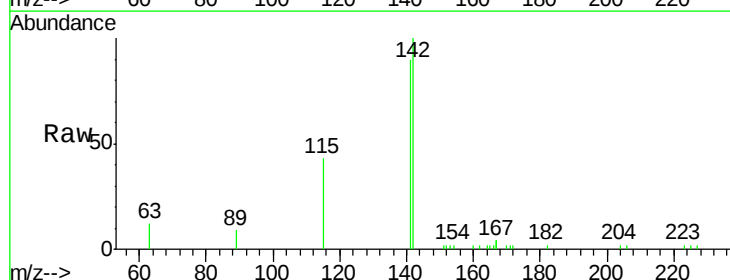
Tgt Ion:142 Resp: 3968

Ion Ratio Lower Upper

142 100

141 89.7 69.8 104.6

115 42.9 30.5 45.7



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

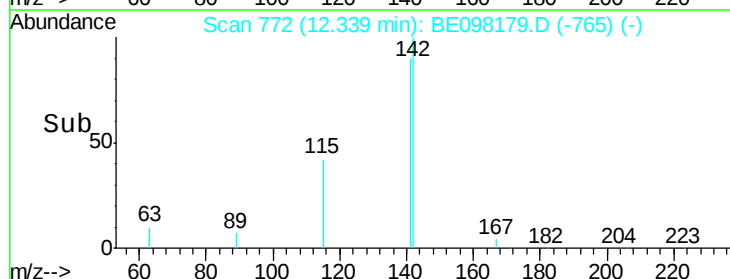
3000

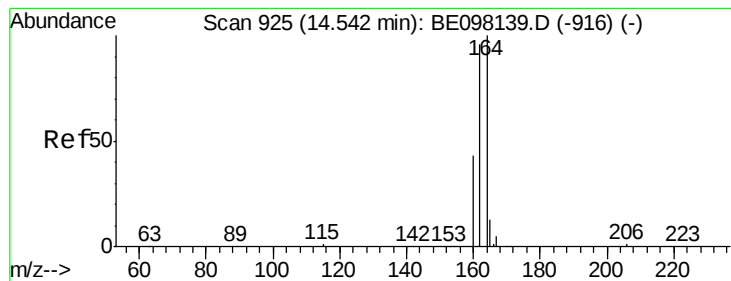
2000

1000

0

Time--> 12.25 12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

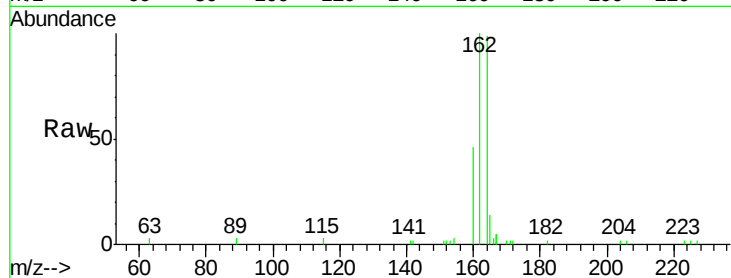
Tgt Ion:164 Resp: 3547

Ion Ratio Lower Upper

164 100

162 100.6 77.4 116.2

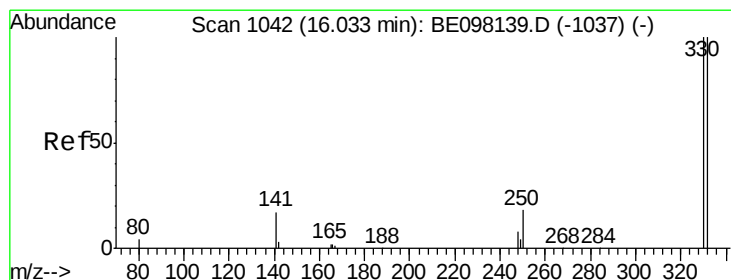
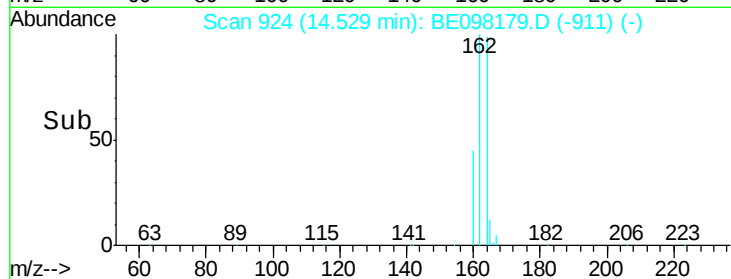
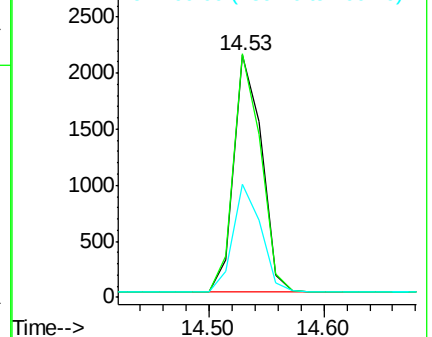
160 46.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

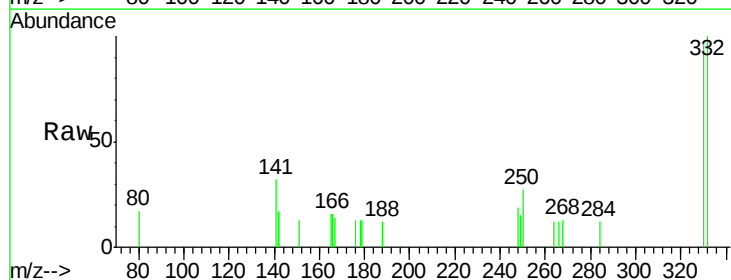
Tgt Ion:330 Resp: 554

Ion Ratio Lower Upper

330 100

332 103.1 76.5 114.7

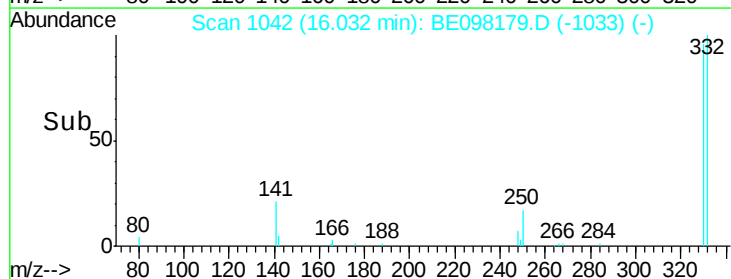
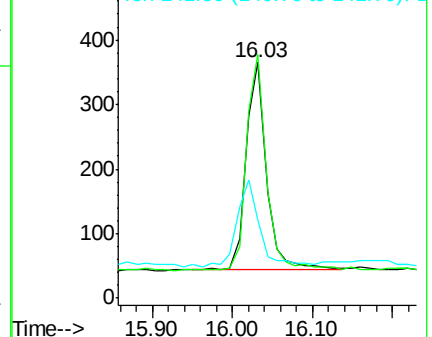
141 49.6 31.8 47.6#

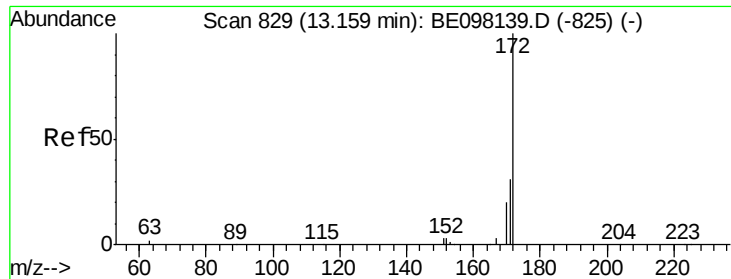


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

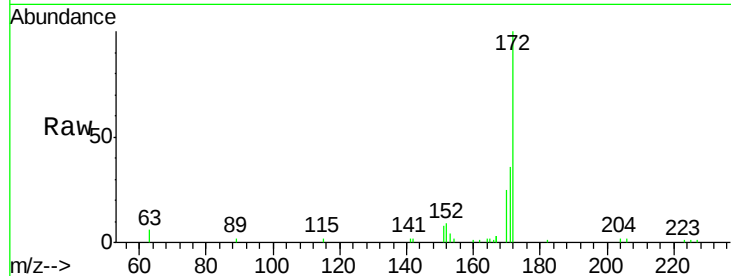




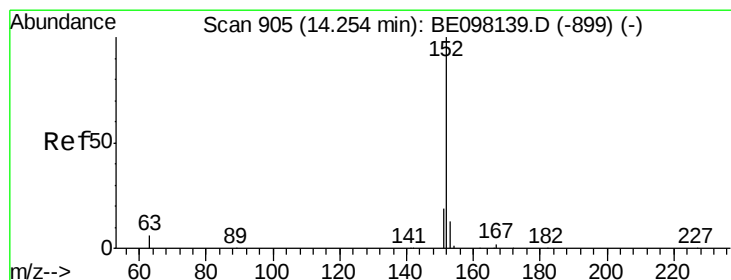
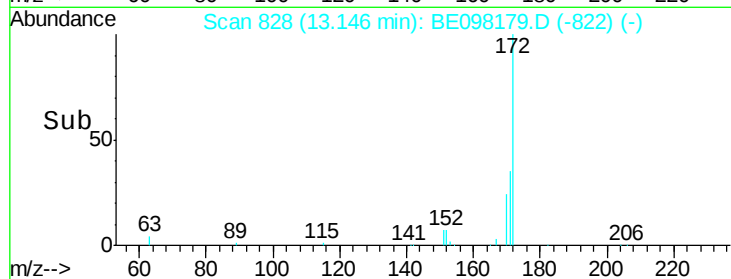
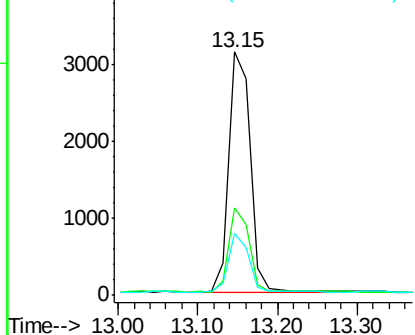
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5830
Ion Ratio Lower Upper
172 100
171 35.9 26.0 39.0
170 25.4 18.0 27.0

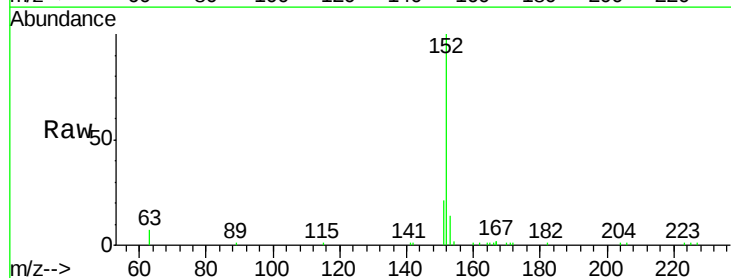


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

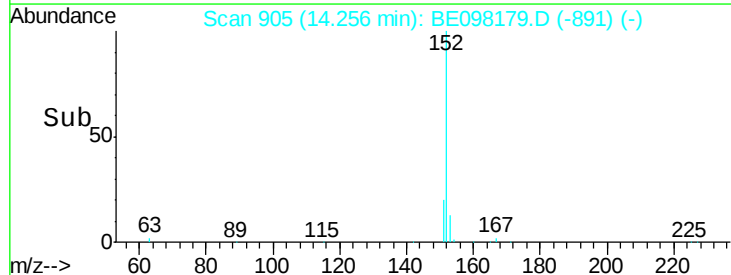
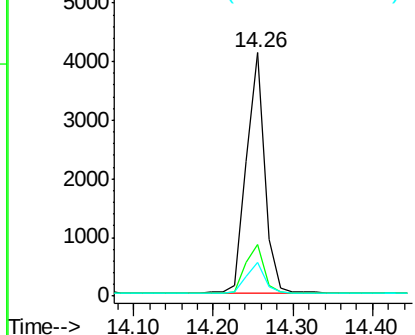


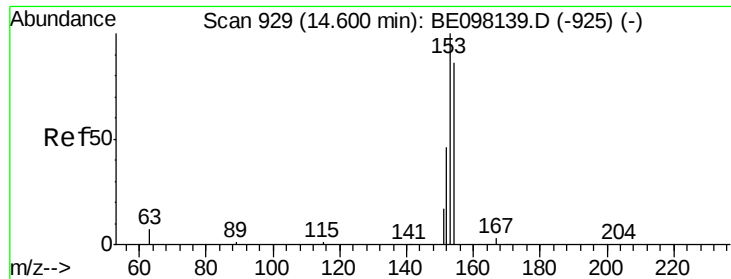
#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

Tgt Ion:152 Resp: 6574
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.1 10.9 16.3



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

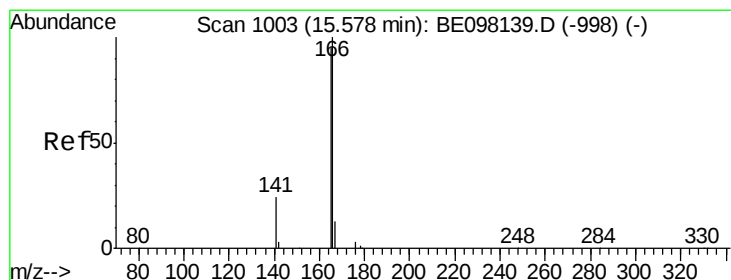
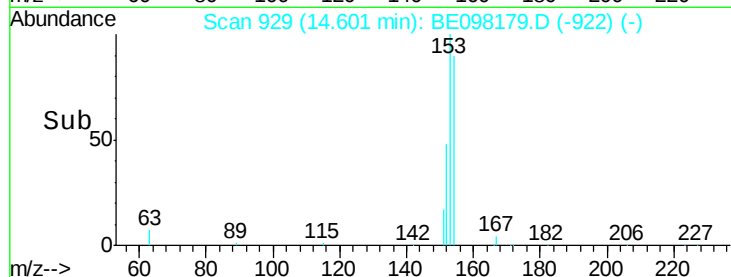
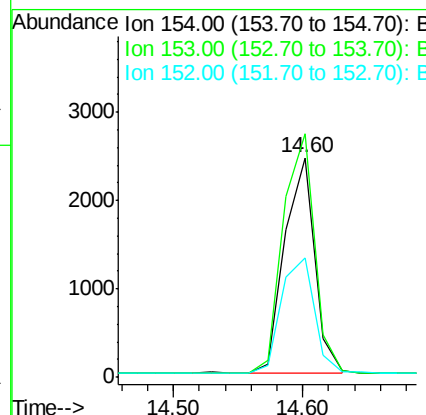
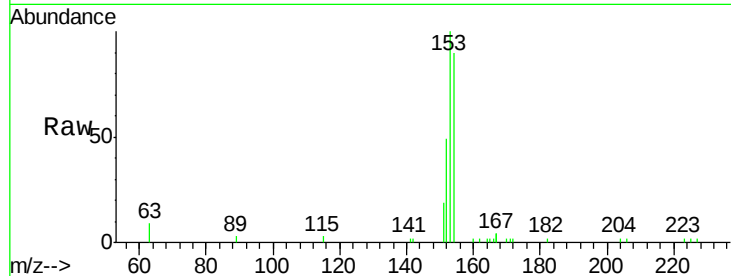




#17
Acenaphthene
Concen: 0.408 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

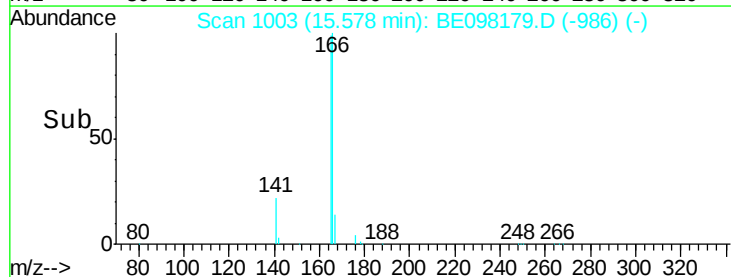
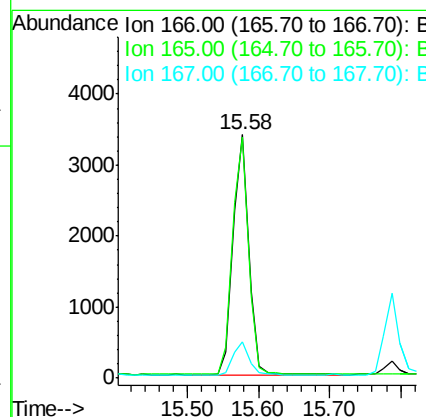
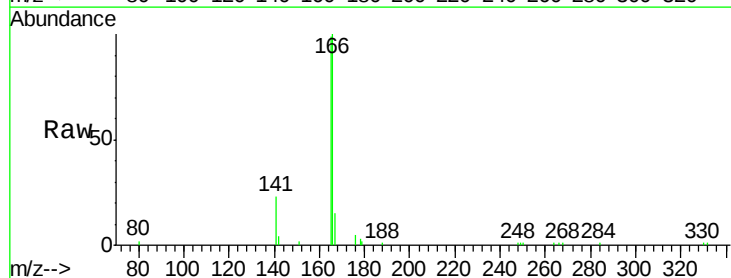
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

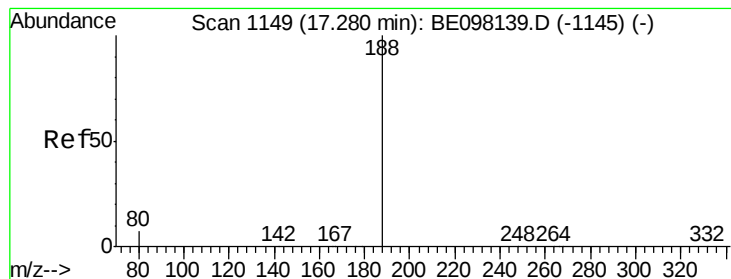
Tgt Ion:154 Resp: 3968
Ion Ratio Lower Upper
154 100
153 115.7 92.6 139.0
152 58.6 45.5 68.3



#18
Fluorene
Concen: 0.406 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

Tgt Ion:166 Resp: 5233
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 13.7 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

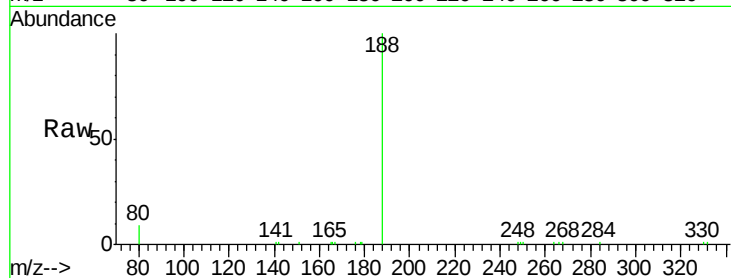
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

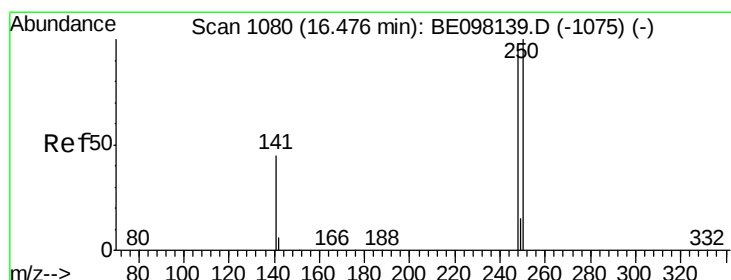
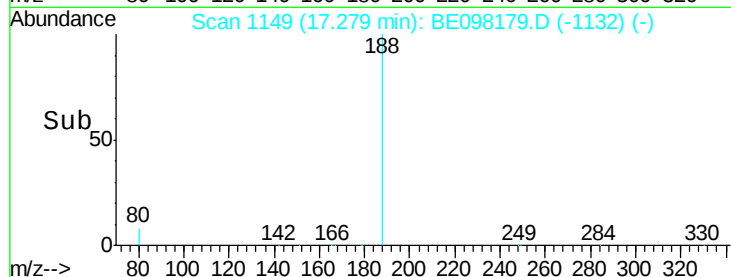
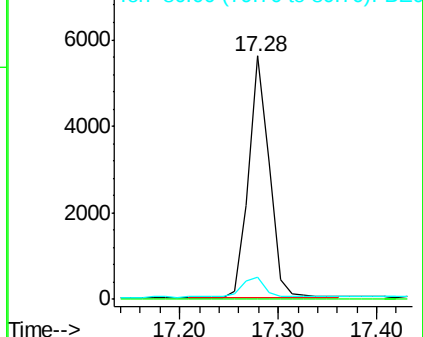
Tgt Ion:	188	Resp:	8080
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.3	9.5



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: 0.410 ng

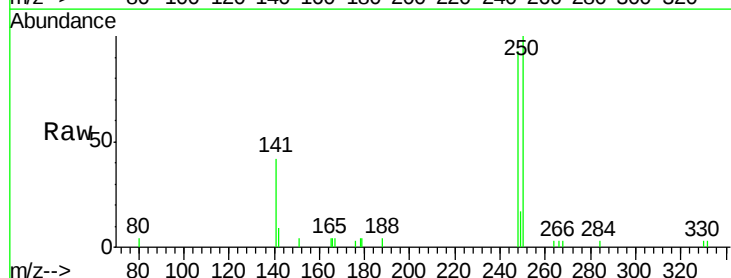
RT: 16.47 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

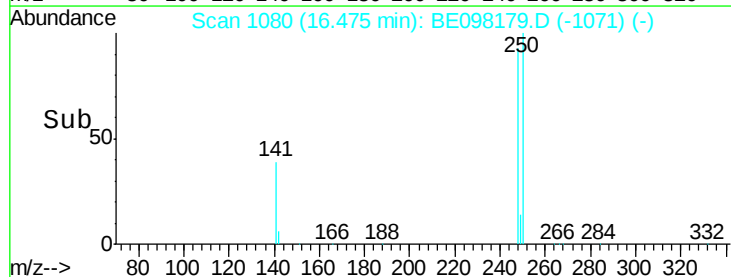
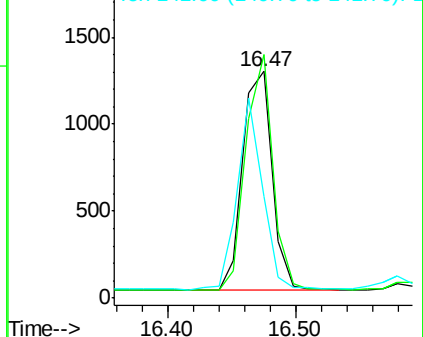
Tgt Ion:	248	Resp:	2021
Ion	Ratio	Lower	Upper
248	100		
250	107.4	75.1	112.7
141	44.8	51.8	77.8#

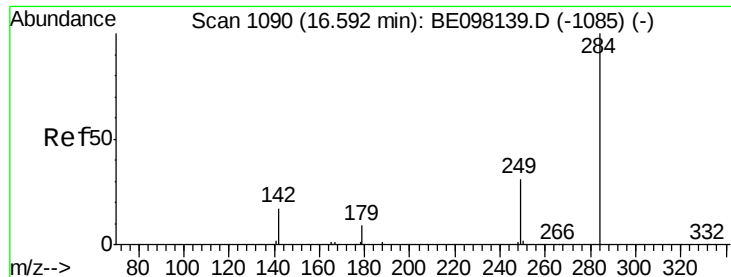


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

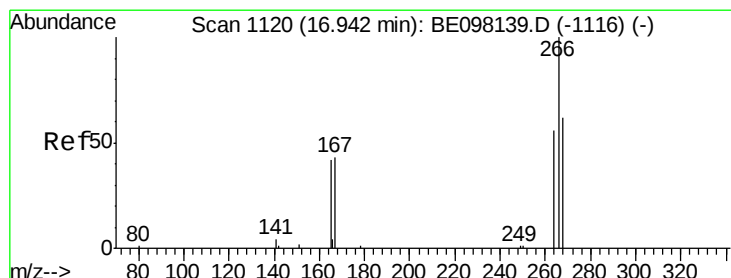
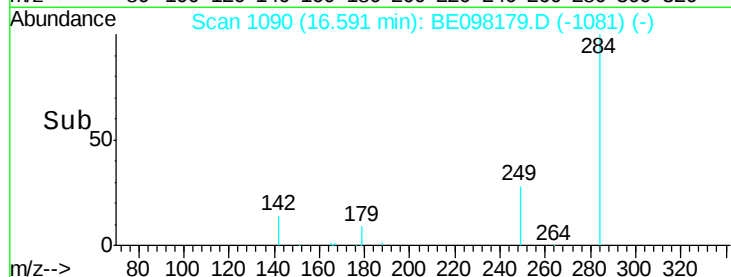
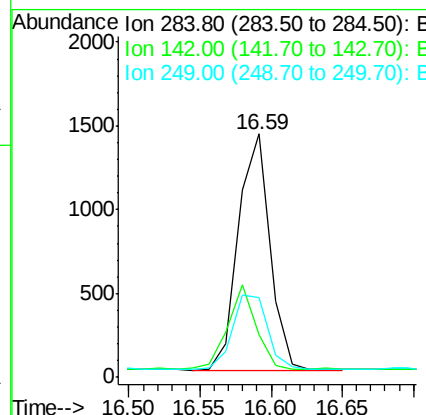
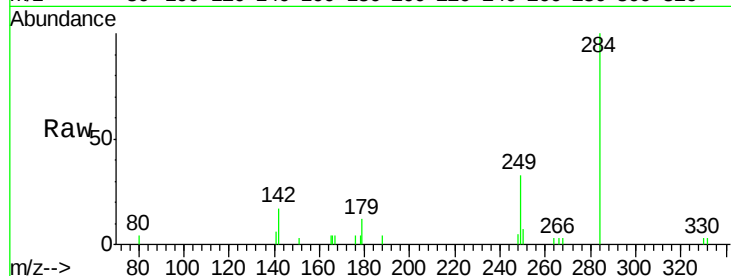




#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

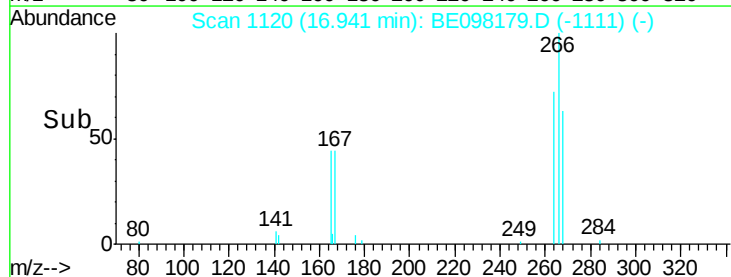
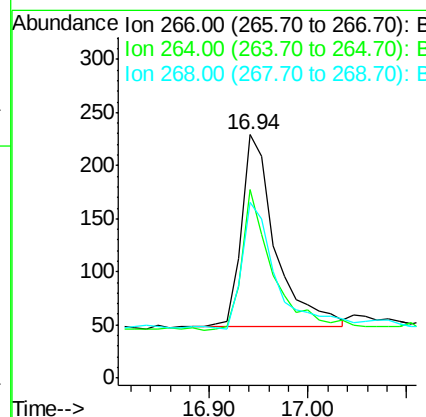
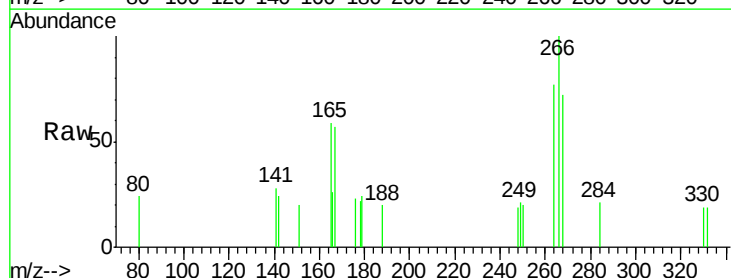
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

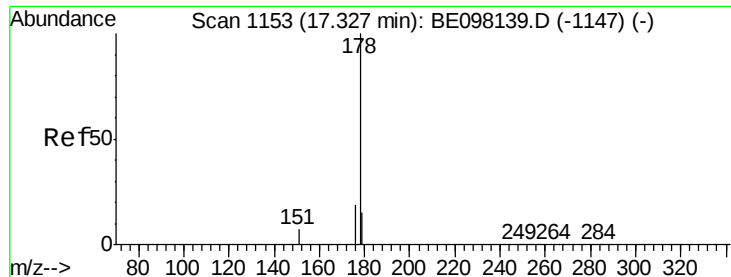
Tgt Ion: 284 Resp: 2172
Ion Ratio Lower Upper
284 100
142 32.0 25.9 38.9
249 35.2 26.6 40.0



#22
Pentachlorophenol
Concen: 0.418 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098179.D
Acq: 8 Nov 2018 9:28

Tgt Ion: 266 Resp: 433
Ion Ratio Lower Upper
266 100
264 77.3 51.3 76.9#
268 72.1 50.1 75.1





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

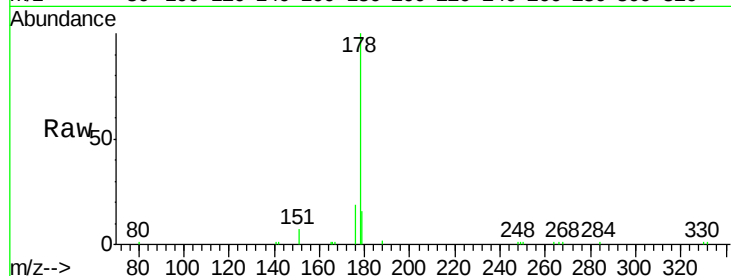
Tgt Ion:178 Resp: 8360

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

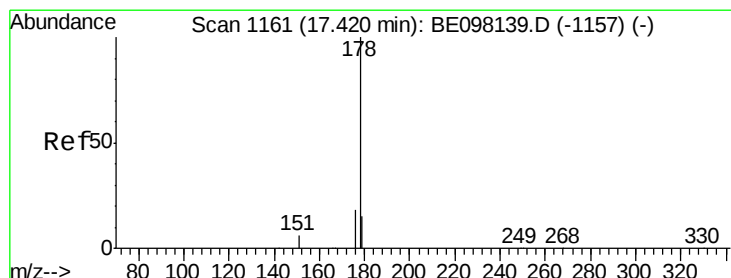
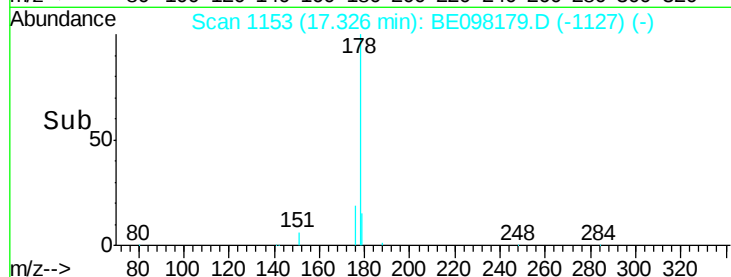
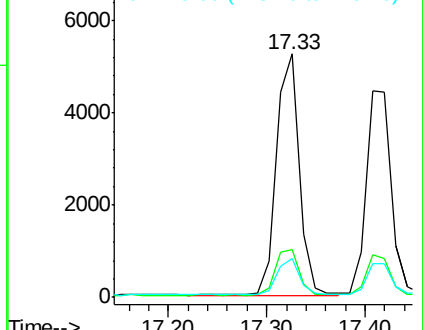
179 15.0 12.2 18.4



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: 0.405 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

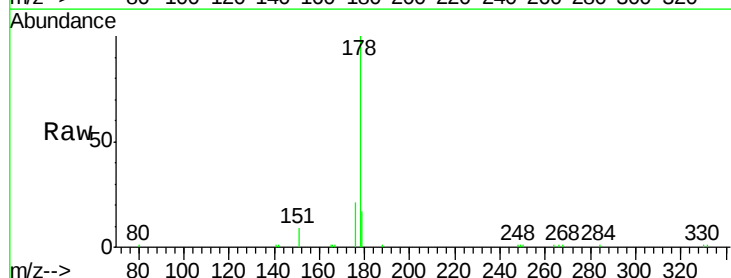
Tgt Ion:178 Resp: 7711

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

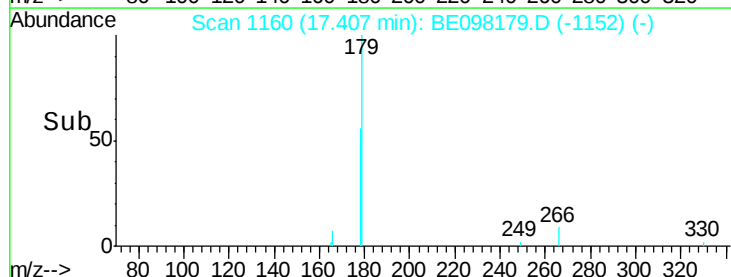
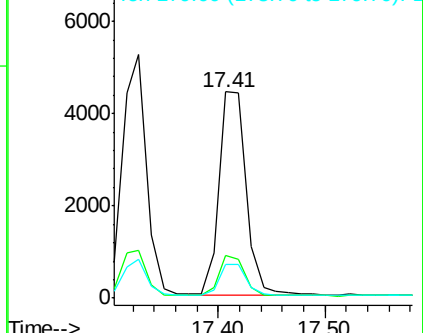
179 15.7 11.9 17.9

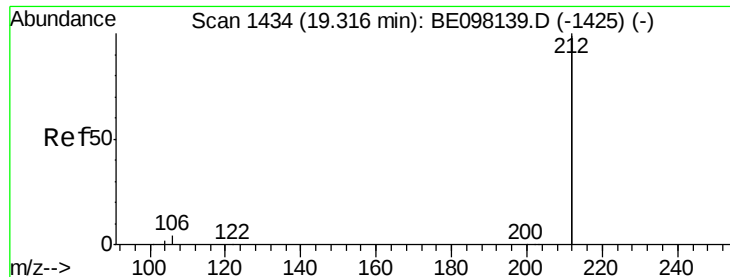


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

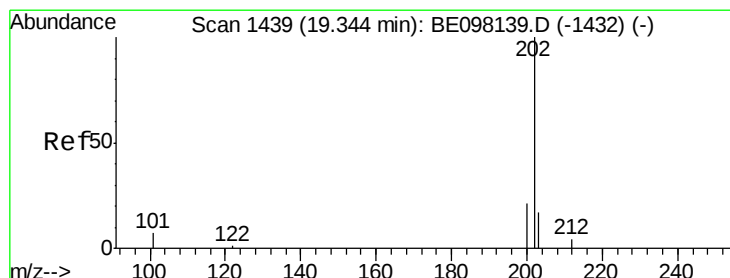
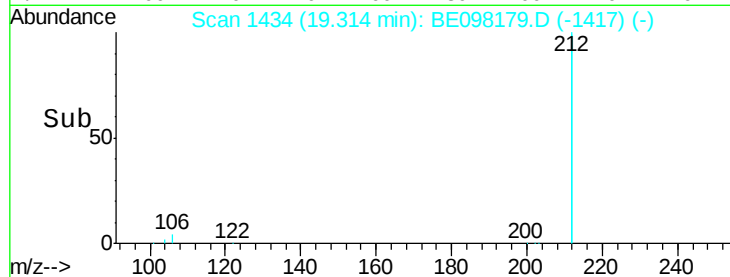
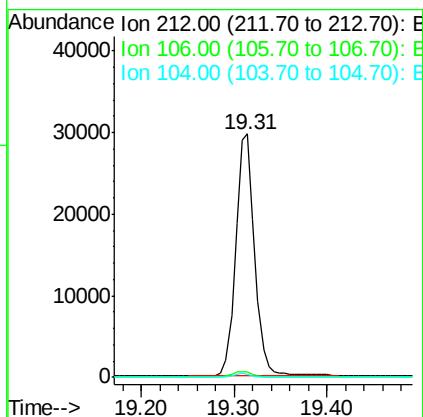
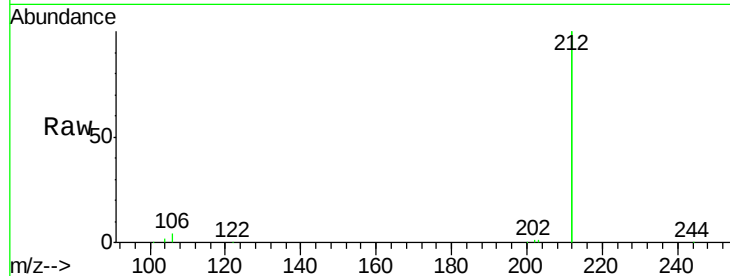




#25
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098179.D
 Acq: 8 Nov 2018 9:28

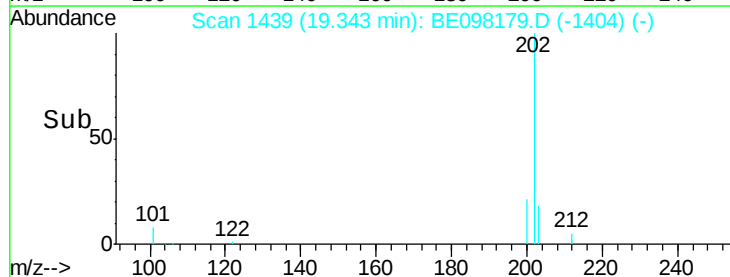
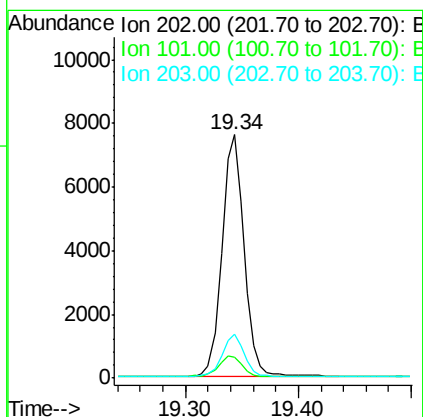
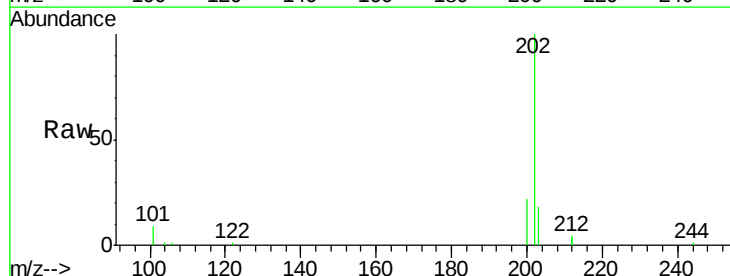
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

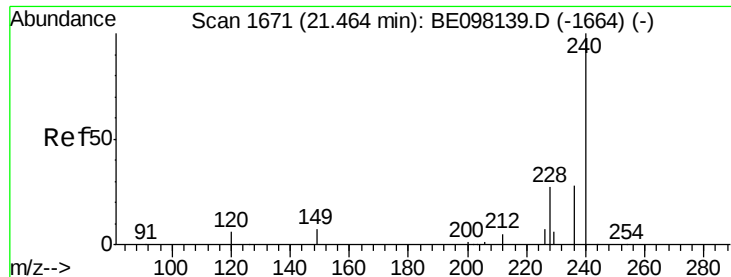
Tgt Ion: 212 Resp: 41970
 Ion Ratio Lower Upper
 212 100
 106 2.4 2.3 3.5
 104 1.3 1.3 1.9



#26
 Fluoranthene
 Concen: 0.412 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE098179.D
 Acq: 8 Nov 2018 9:28

Tgt Ion: 202 Resp: 10330
 Ion Ratio Lower Upper
 202 100
 101 8.8 8.2 12.2
 203 17.1 15.0 22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

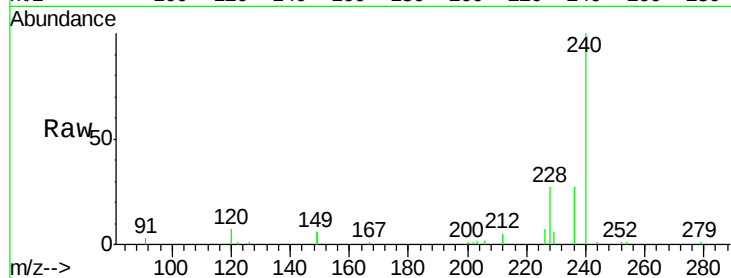
Tgt Ion:240 Resp: 9294

Ion Ratio Lower Upper

240 100

120 7.1 7.1 10.7#

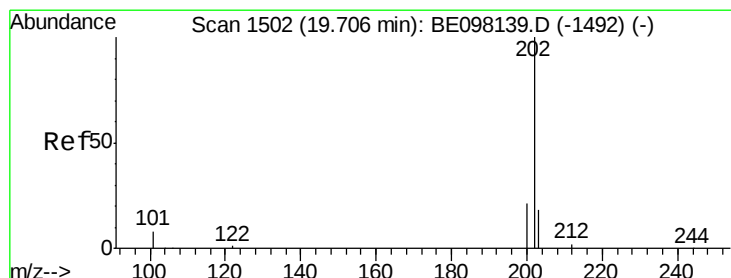
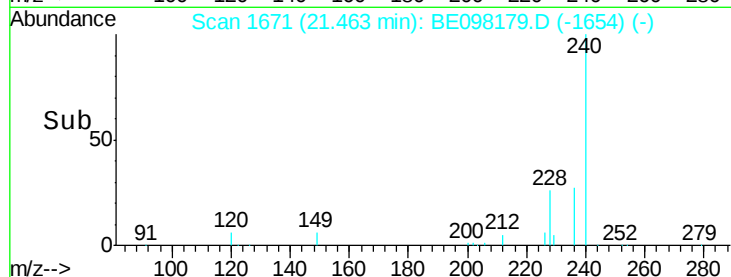
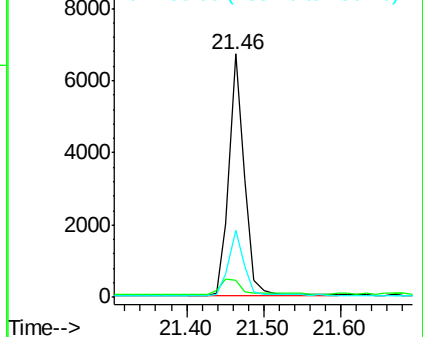
236 27.4 21.3 31.9



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: 0.428 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

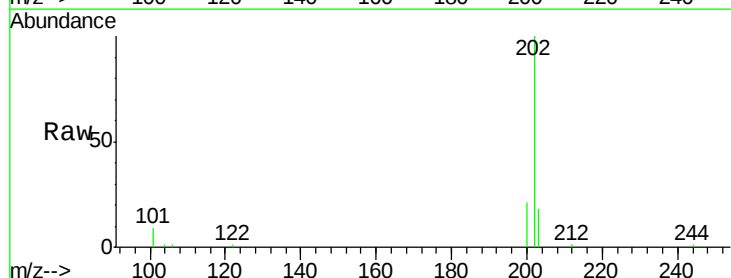
Tgt Ion:202 Resp: 10858

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

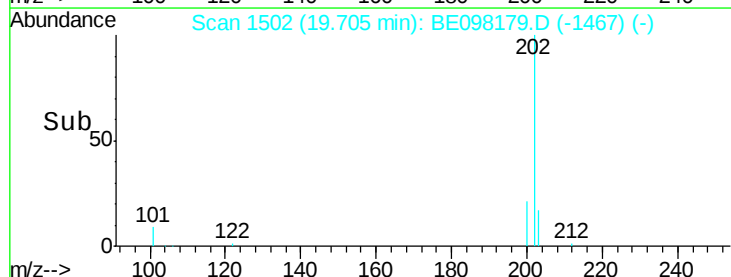
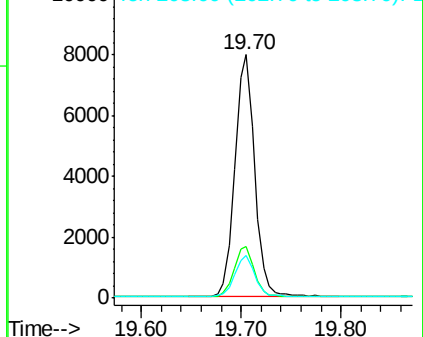
203 17.1 14.2 21.4

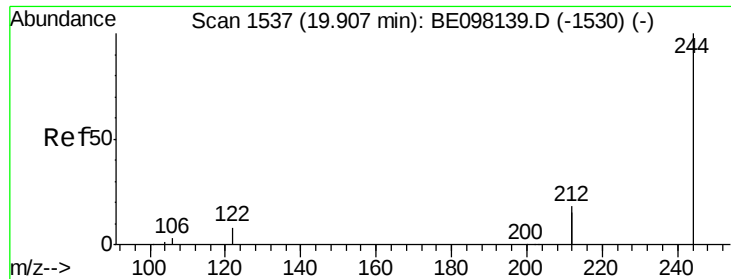


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

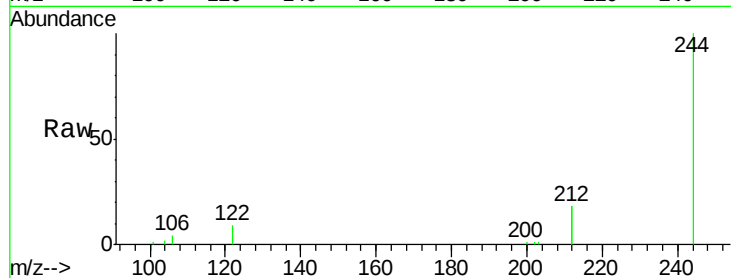
Tgt Ion:244 Resp: 8955

Ion Ratio Lower Upper

244 100

212 35.2 26.2 39.2

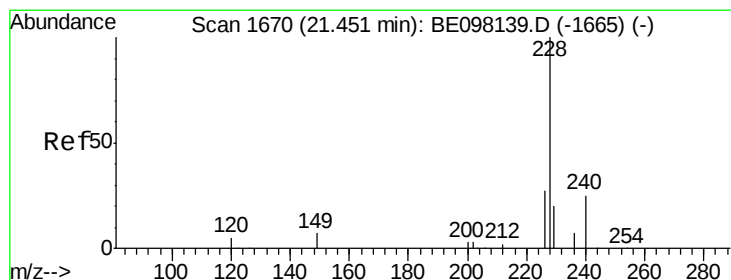
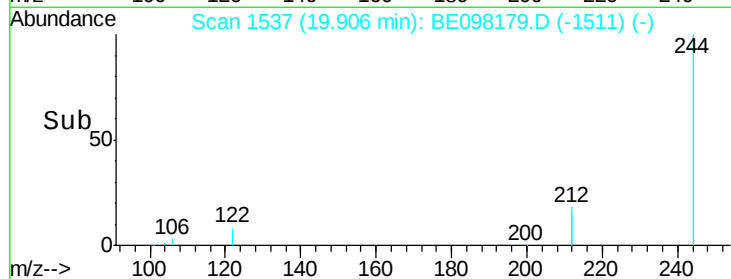
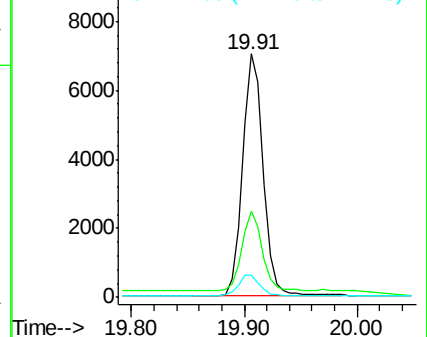
122 9.1 7.7 11.5



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: 0.413 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

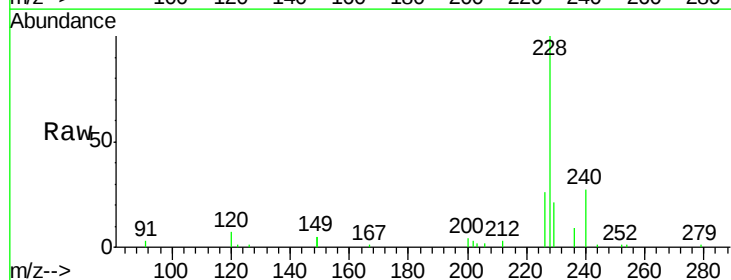
Tgt Ion:228 Resp: 11215

Ion Ratio Lower Upper

228 100

226 26.3 22.6 33.8

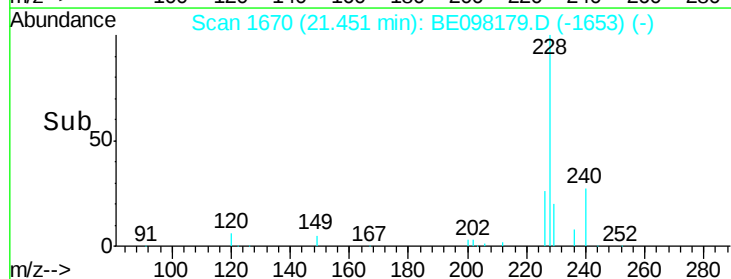
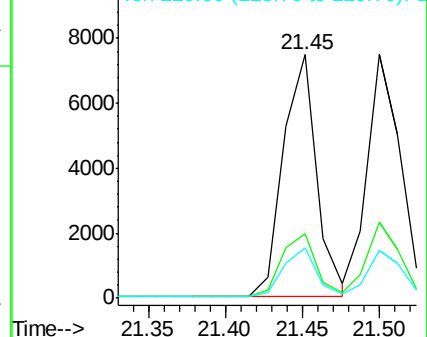
229 20.7 16.9 25.3

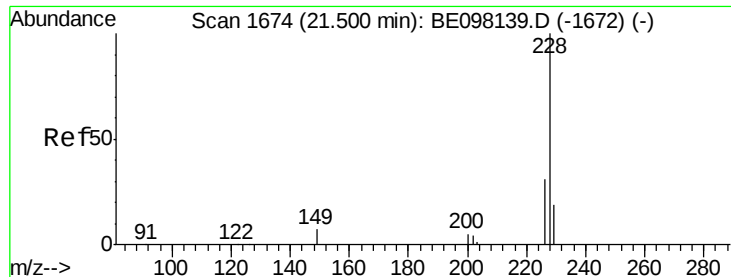


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.416 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

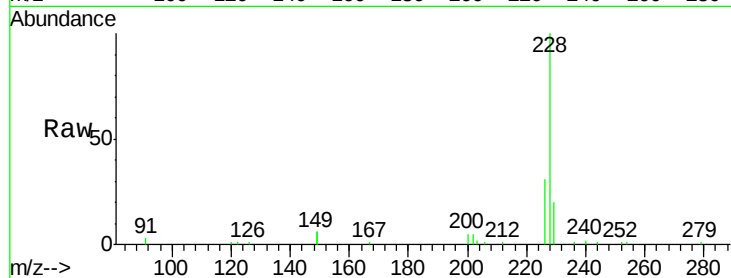
Tgt Ion:228 Resp: 11174

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

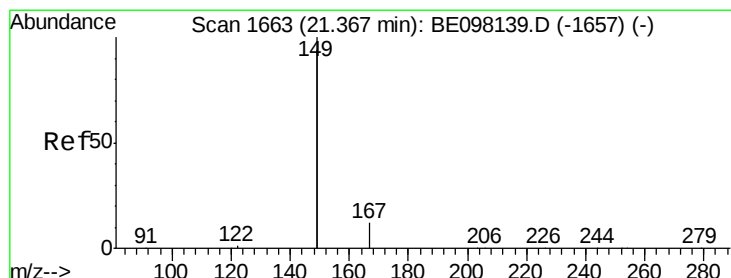
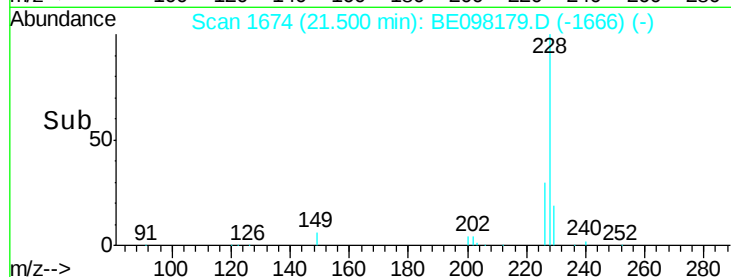
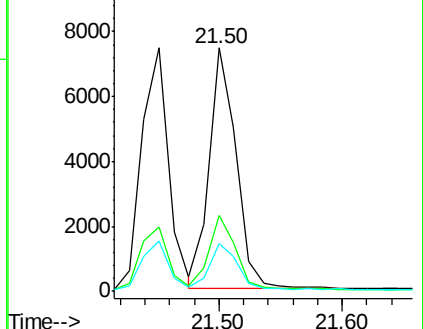
229 19.6 17.3 25.9



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: 0.260 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

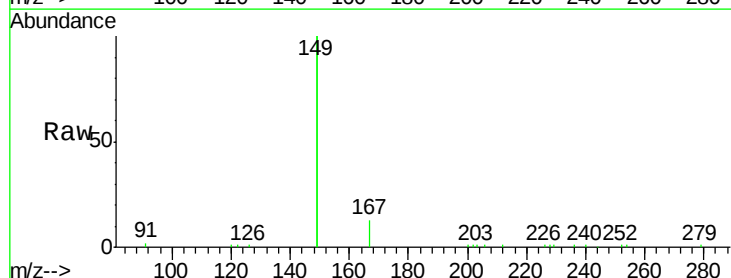
Tgt Ion:149 Resp: 24653

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

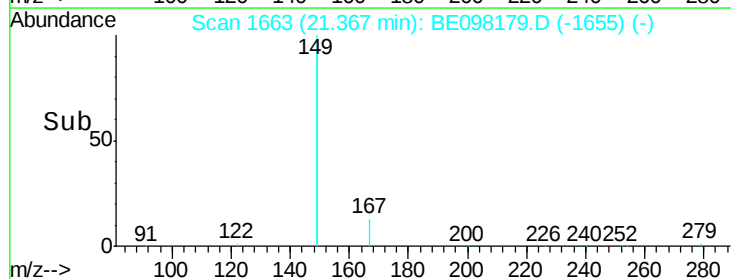
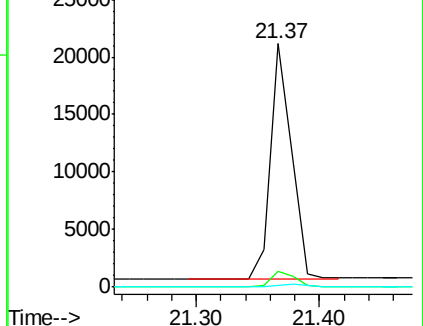
279 1.1 0.9 1.3

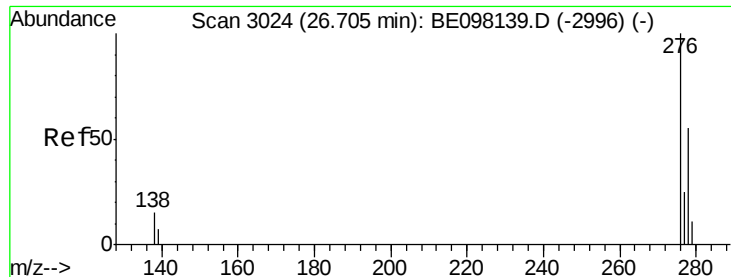


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

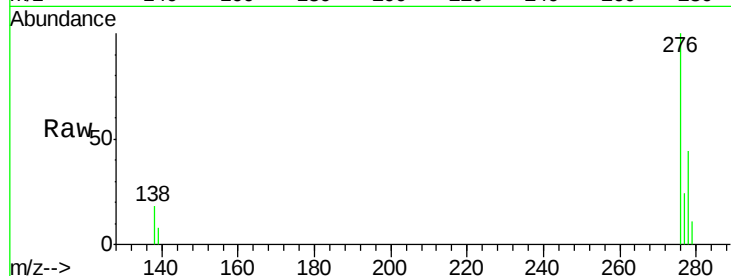
Tgt Ion:276 Resp: 10803

Ion Ratio Lower Upper

276 100

138 18.1 17.0 25.6

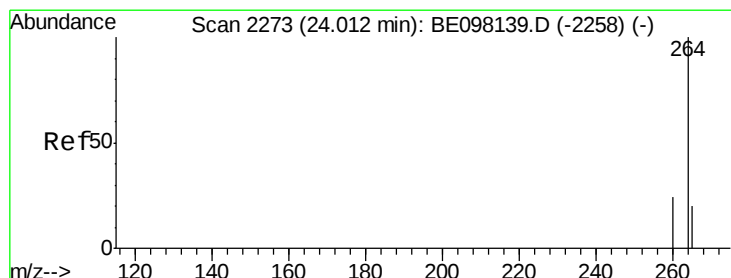
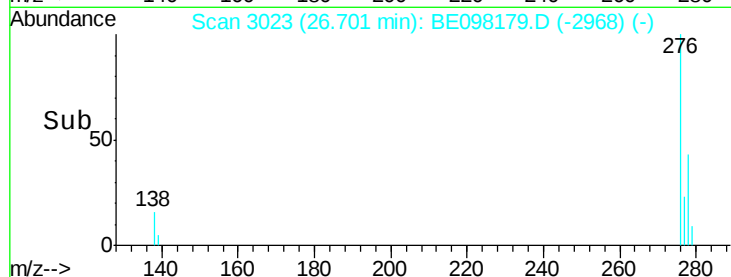
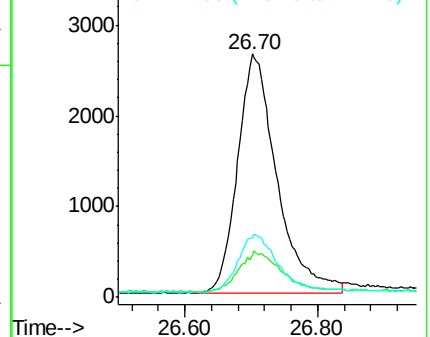
277 24.7 20.5 30.7



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: BE098179.D

Acq: 8 Nov 2018 9:28

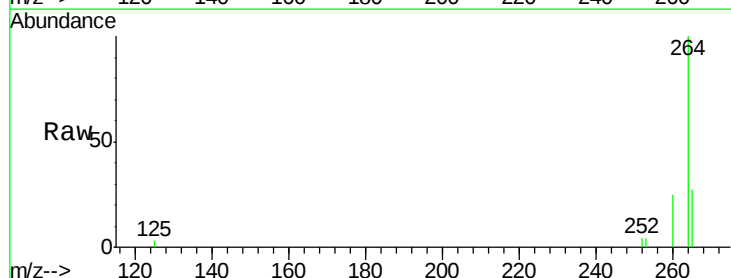
Tgt Ion:264 Resp: 8868

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

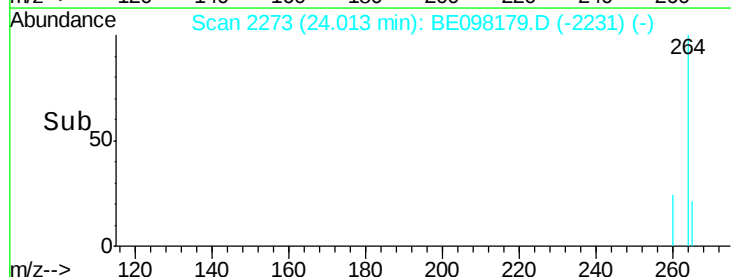
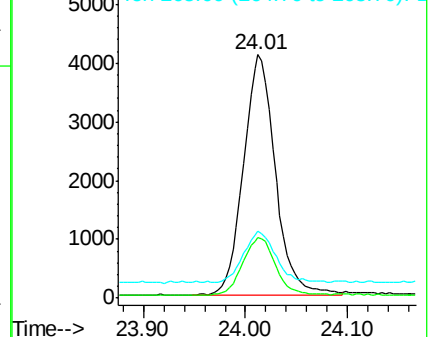
265 27.4 29.2 43.8#

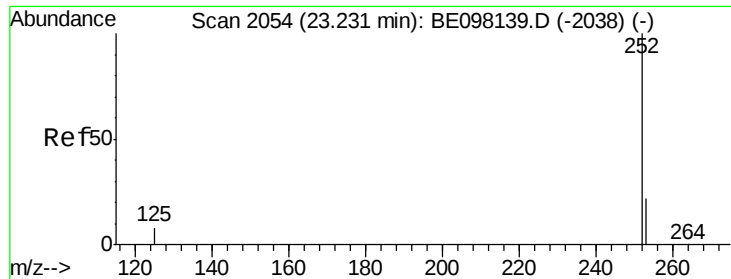


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.421 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

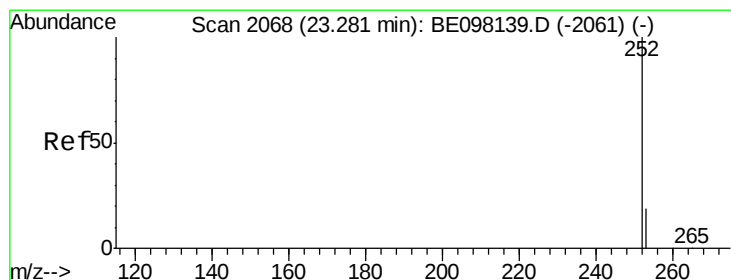
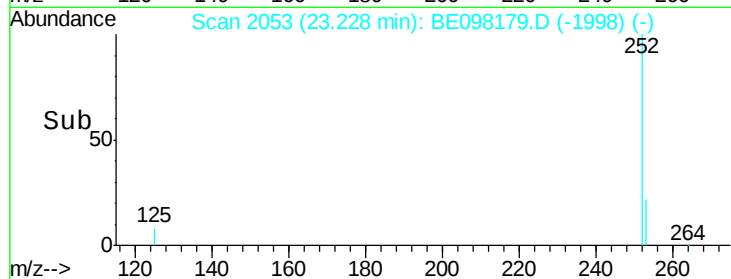
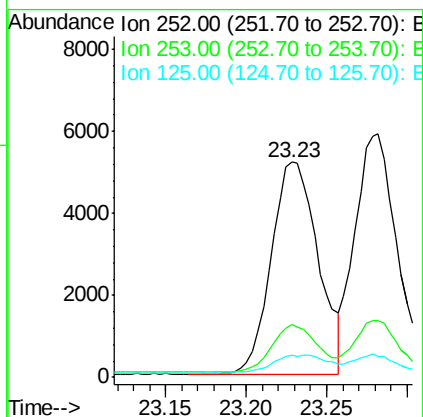
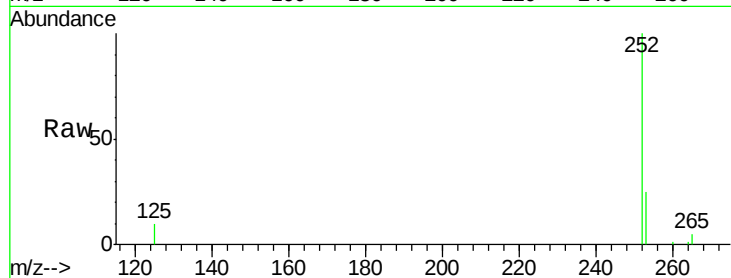
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:252 Resp: 10511

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	31.0
125	10.3	14.3	21.5#



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 23.28 min Scan# 2068

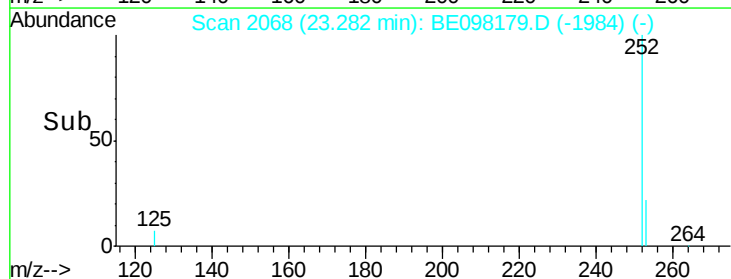
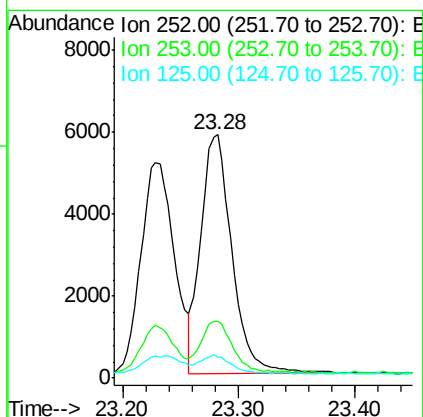
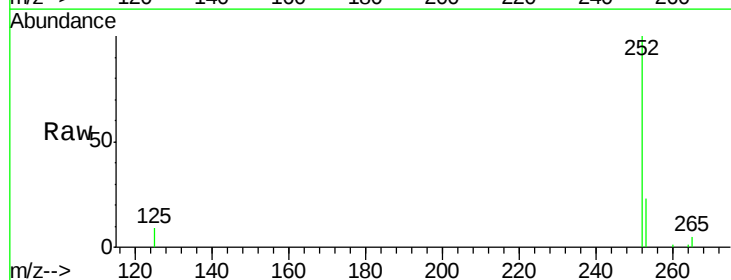
Delta R.T. 0.00 min

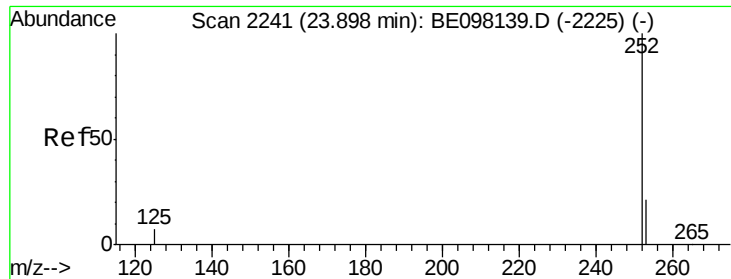
Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Tgt Ion:252 Resp: 10852

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.4	30.6
125	8.7	14.6	21.8#





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

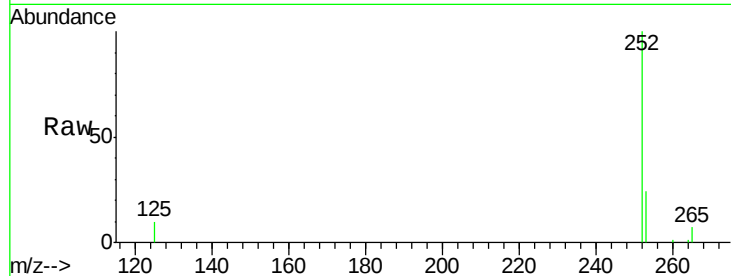
Tgt Ion:252 Resp: 10006

Ion Ratio Lower Upper

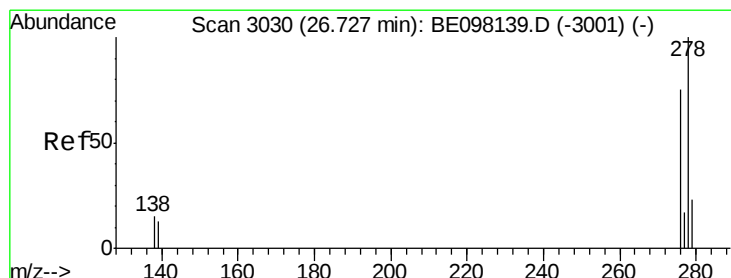
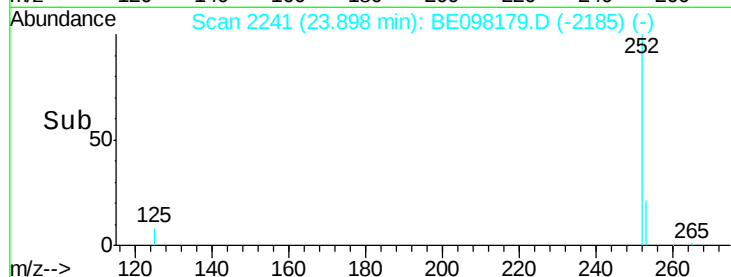
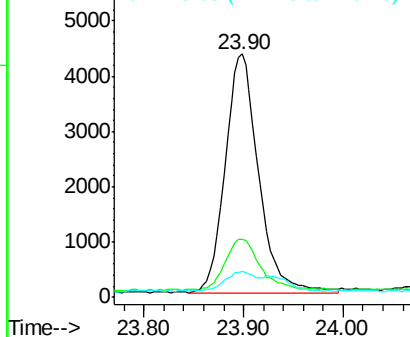
252 100

253 23.9 20.6 31.0

125 10.5 15.6 23.4#



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: 0.397 ng

RT: 26.73 min Scan# 3032

Delta R.T. 0.01 min

Lab File: BE098179.D

Acq: 8 Nov 2018 9:28

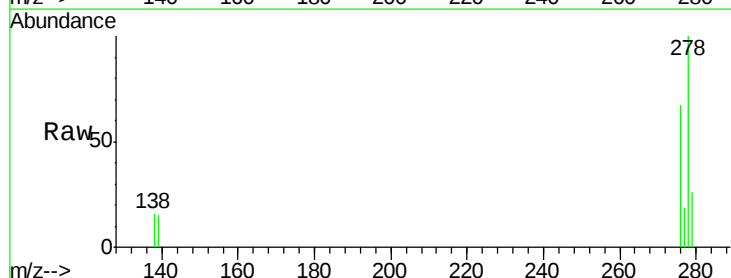
Tgt Ion:278 Resp: 9041

Ion Ratio Lower Upper

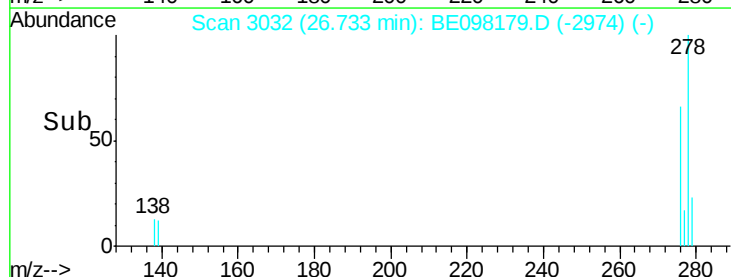
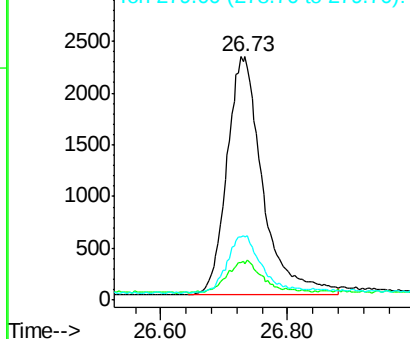
278 100

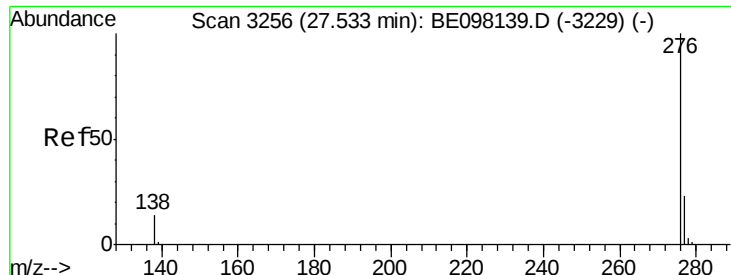
139 15.1 16.3 24.5#

279 26.0 21.4 32.2



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: 0.399 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BE098179.D

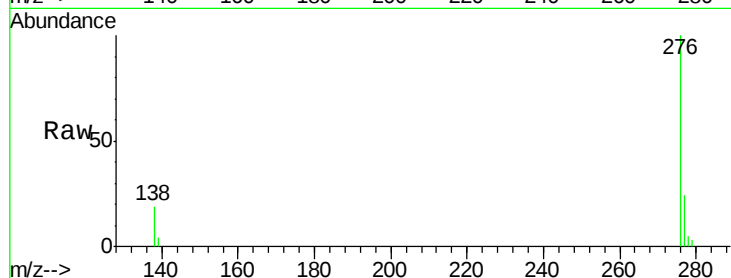
Acq: 8 Nov 2018 9:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



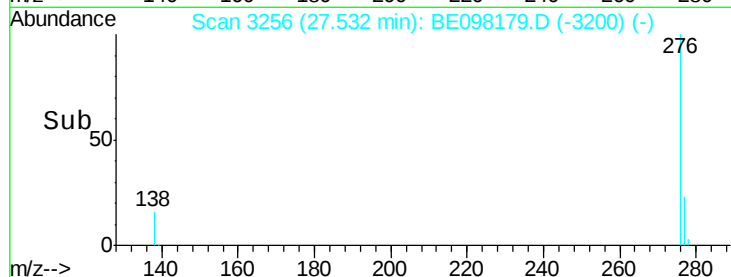
Tgt Ion: 276 Resp: 9036

Ion Ratio Lower Upper

276 100

277 24.4 22.1 33.1

138 18.6 19.3 28.9



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

