

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098502.D
 Acq On : 16 Dec 2018 11:08
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 17 02:05:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	775	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3440	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2162	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5739	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	6955	0.40	ng	-0.01
34) Perylene-d12	24.00	264	6604	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	901	0.50	ng	0.01
5) Phenol-d6	7.05	99	1266	0.49	ng	0.00
8) Nitrobenzene-d5	9.02	82	1235	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2248	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	404	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3743	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	30559	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	5784	0.34	ng	0.00

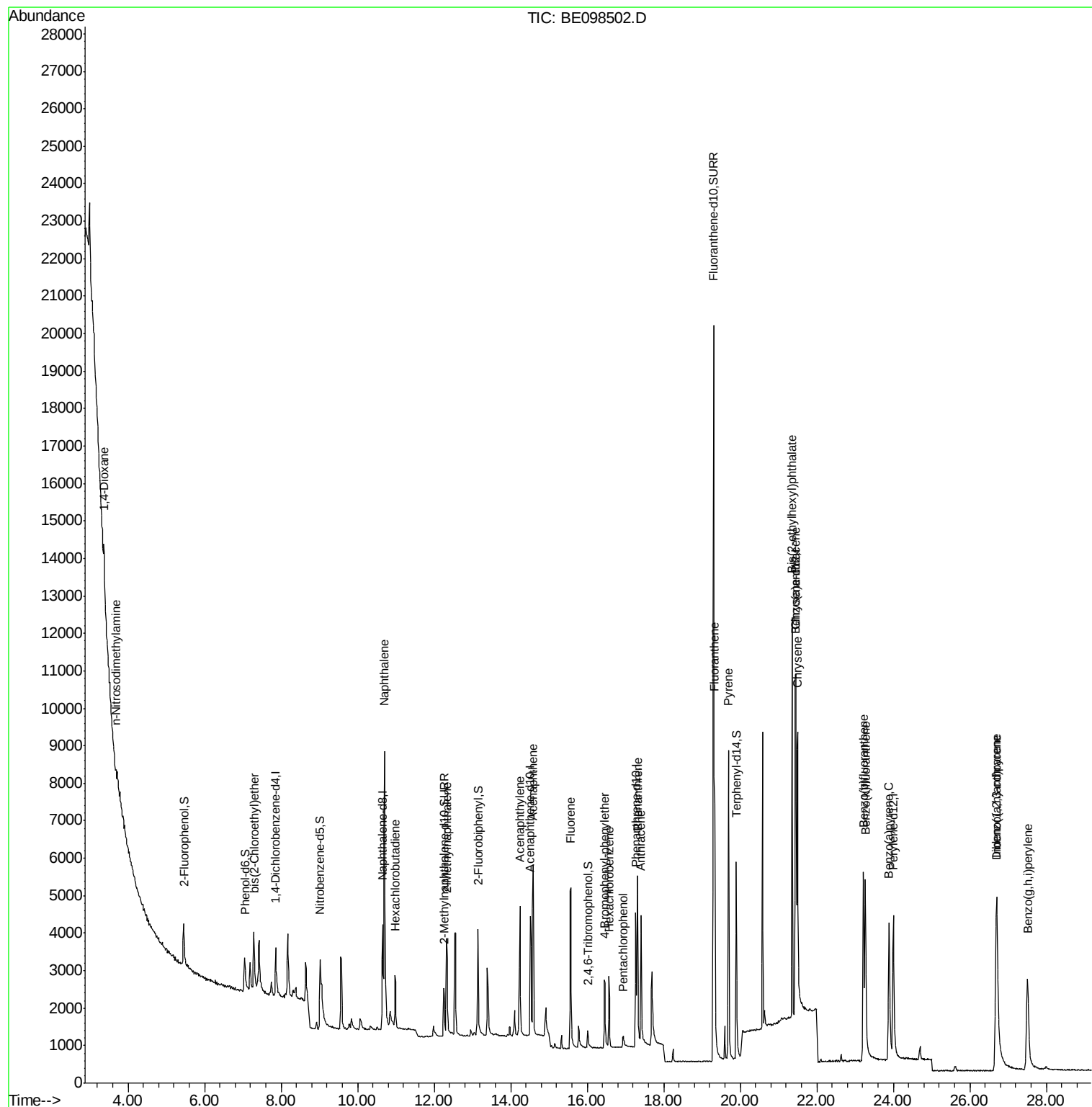
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	473	0.353	ng	# 73
3) n-Nitrosodimethylamine	3.70	42	363	0.301	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	909	0.372	ng	91
9) Naphthalene	10.71	128	14129	0.408	ng	# 98
10) Hexachlorobutadiene	10.98	225	1035	0.470	ng	98
12) 2-Methylnaphthalene	12.32	142	2228	0.396	ng	96
16) Acenaphthylene	14.24	152	4162	0.411	ng	99
17) Acenaphthene	14.59	154	2483	0.408	ng	94
18) Fluorene	15.57	166	3379	0.415	ng	96
20) 4-Bromophenyl-phenylether	16.46	248	1233	0.399	ng	# 78
21) Hexachlorobenzene	16.57	284	1445	0.435	ng	92
22) Pentachlorophenol	16.94	266	324	0.571	ng	95
23) Phenanthrene	17.31	178	5790	0.415	ng	99
24) Anthracene	17.41	178	4730	0.380	ng	100
26) Fluoranthene	19.33	202	7741	0.420	ng	98
28) Pyrene	19.69	202	8516	0.390	ng	99
30) Benzo(a)anthracene	21.44	228	7669	0.387	ng	100
31) Chrysene	21.50	228	8762	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	12365	0.307	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	8905	0.431	ng	97
35) Benzo(b)fluoranthene	23.22	252	7613	0.422	ng	98
36) Benzo(k)fluoranthene	23.27	252	8980	0.427	ng	98
37) Benzo(a)pyrene	23.89	252	7944	0.426	ng	99
38) Dibenzo(a,h)anthracene	26.71	278	7108	0.405	ng	98
39) Benzo(g,h,i)perylene	27.50	276	7771	0.439	ng	98

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

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

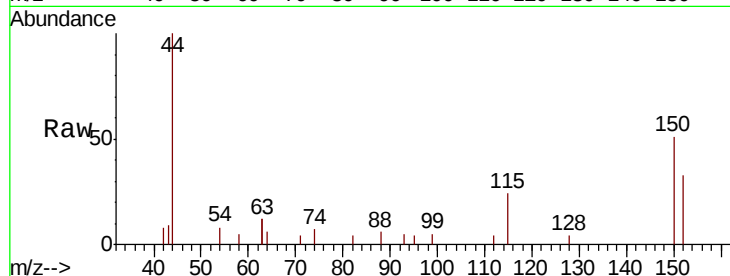
Tot Ion:152 Resp: 775

Ion Ratio Lower Upper

152 100

150 153.8 124.2 186.4

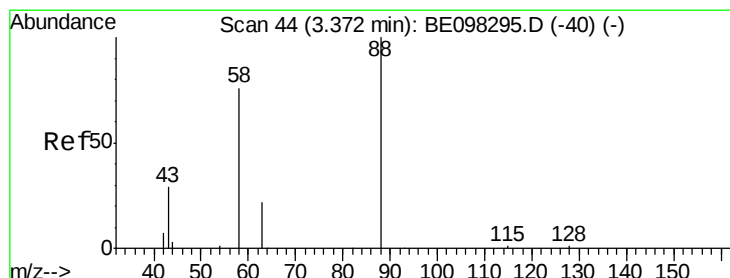
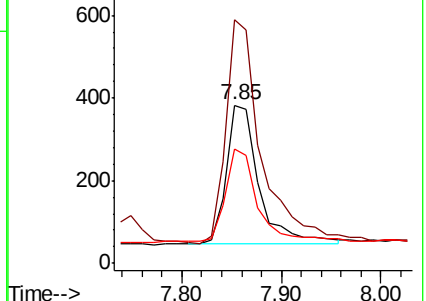
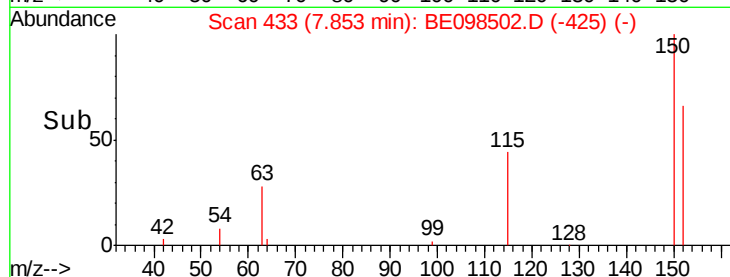
115 72.1 53.9 80.9



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: 0.353 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

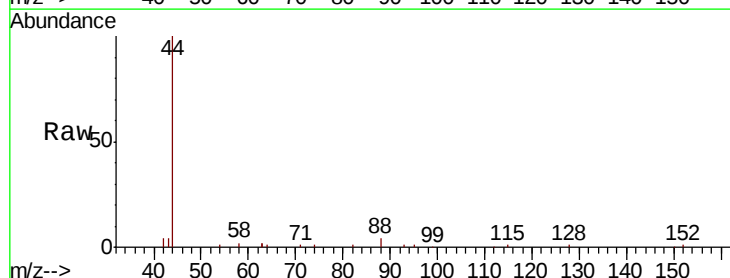
Tgt Ion: 88 Resp: 473

Ion Ratio Lower Upper

88 100

58 91.8 75.0 112.6

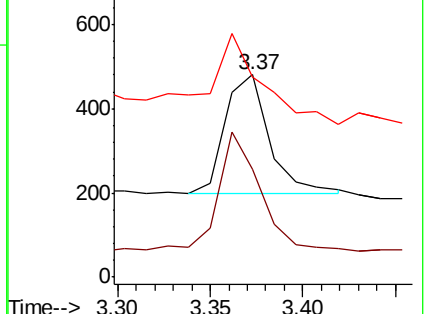
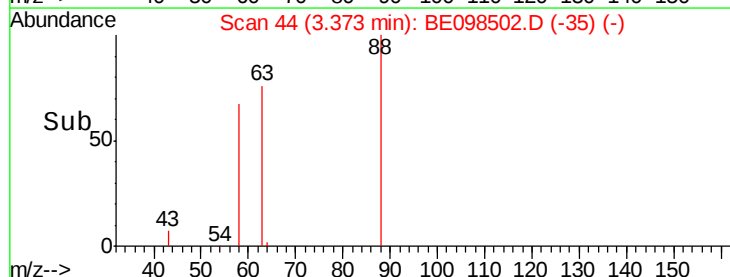
43 98.5 38.3 57.5#

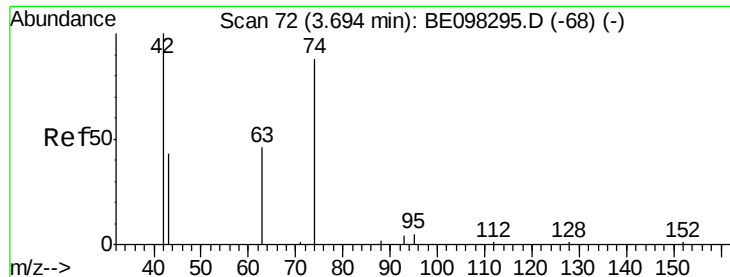


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



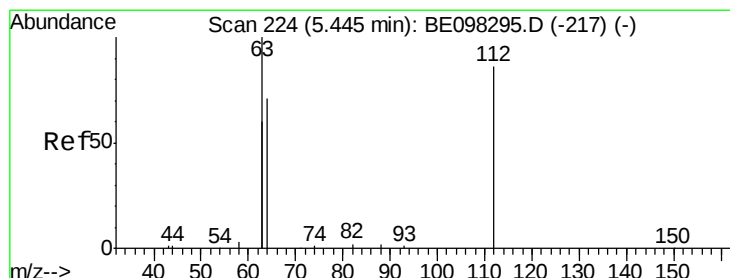
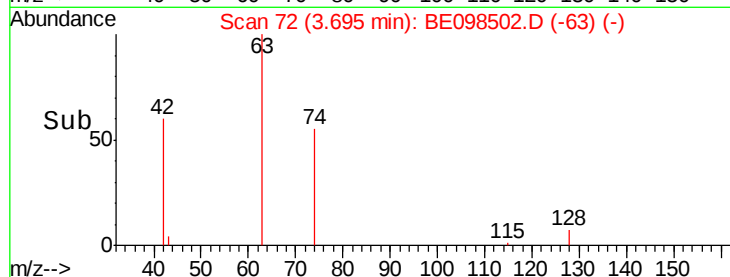
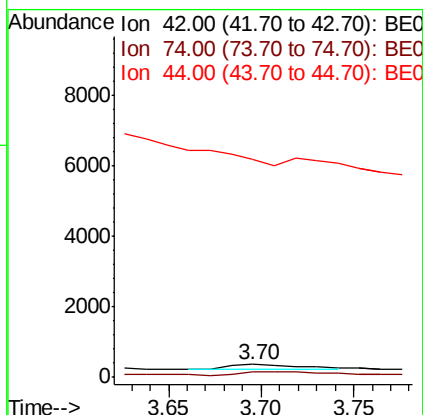
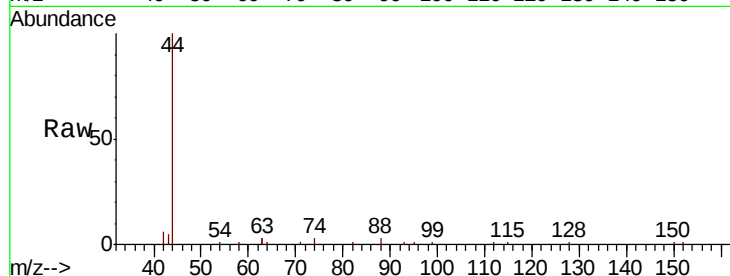


#3

n-Nitrosodimethylamine
 Concen: 0.301 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

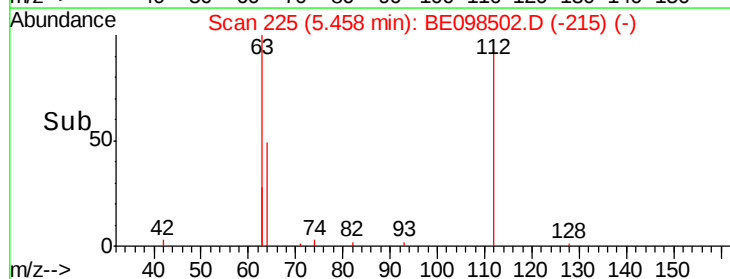
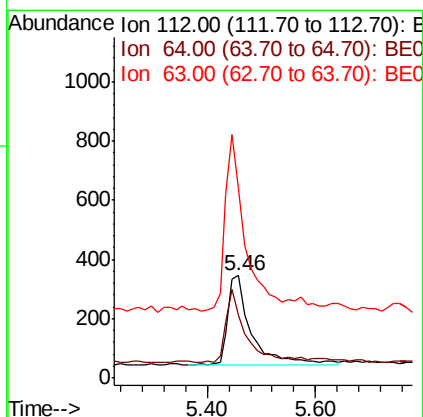
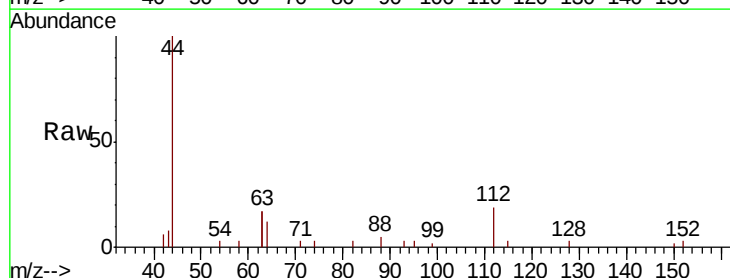
Tot Ion: 42 Resp: 363
 Ion Ratio Lower Upper
 42 100
 74 78.0 0.0 0.0#
 44 0.0 0.0 0.0

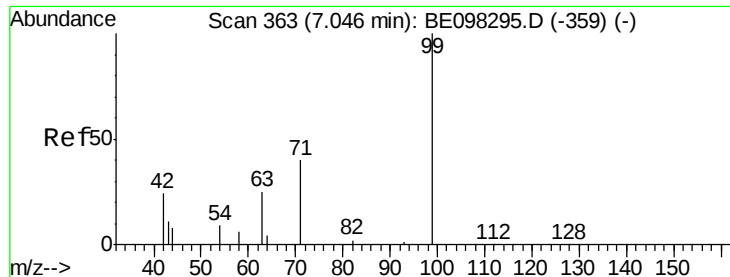


#4

2-Fluorophenol
 Concen: 0.497 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

Tgt Ion: 112 Resp: 901
 Ion Ratio Lower Upper
 112 100
 64 64.9 59.8 89.8
 63 163.9 133.7 200.5





#5

Phenol-d6

Concen: 0.493 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

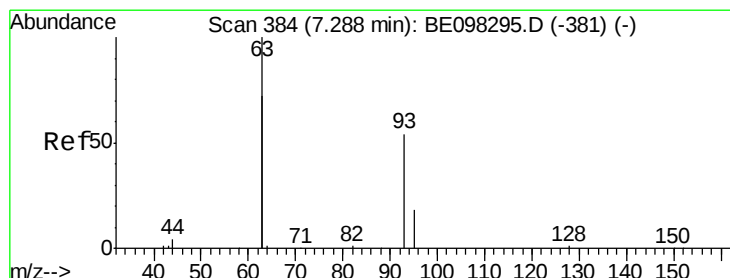
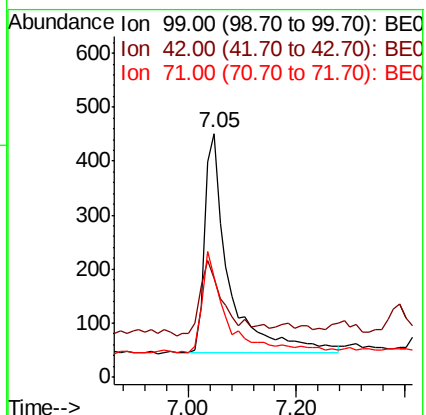
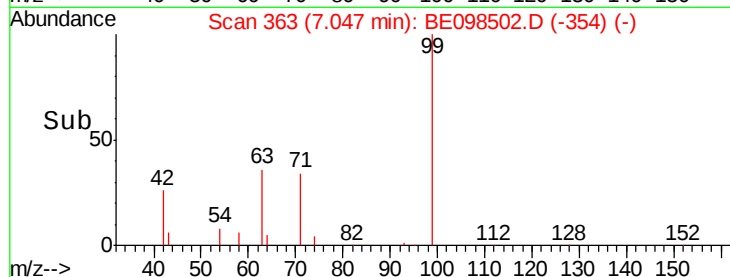
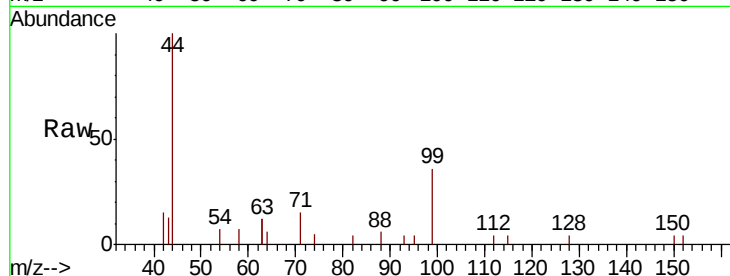
Tot Ion: 99 Resp: 1266

Ion Ratio Lower Upper

99 100

42 33.8 26.3 39.5

71 46.7 33.6 50.4



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

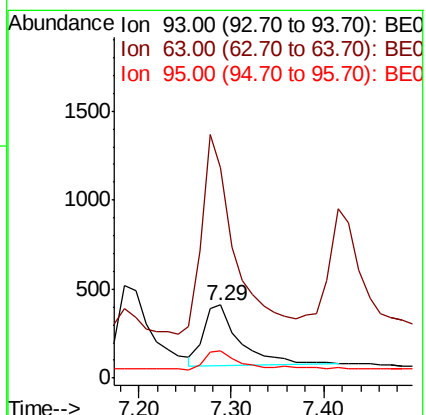
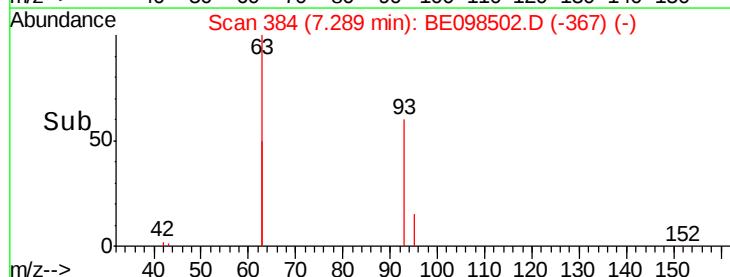
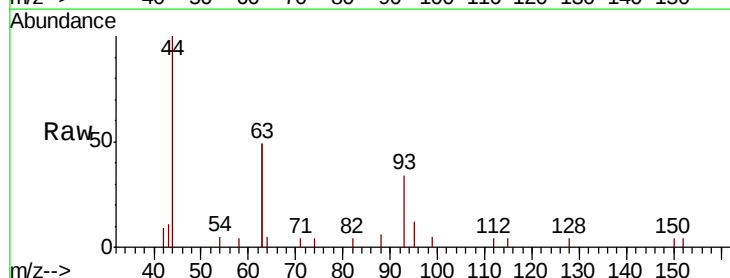
Tgt Ion: 93 Resp: 909

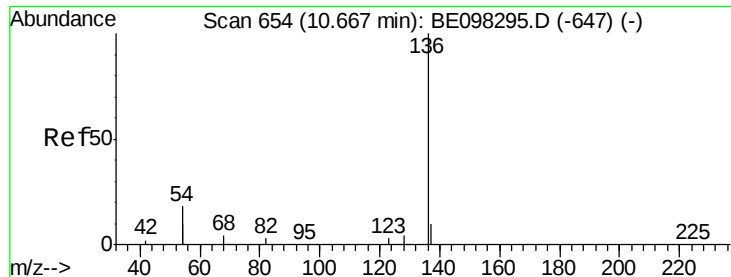
Ion Ratio Lower Upper

93 100

63 310.2 264.4 396.6

95 30.6 26.6 40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3440

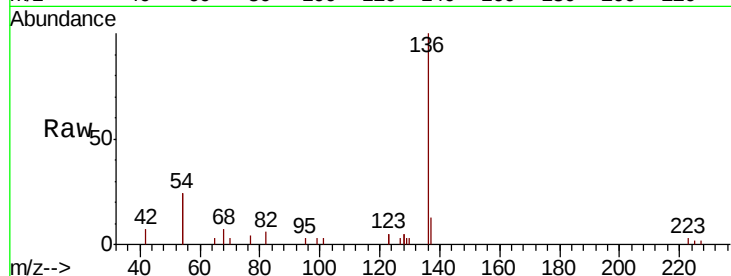
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 47.5 28.4 42.6#

68 7.3 5.4 8.0

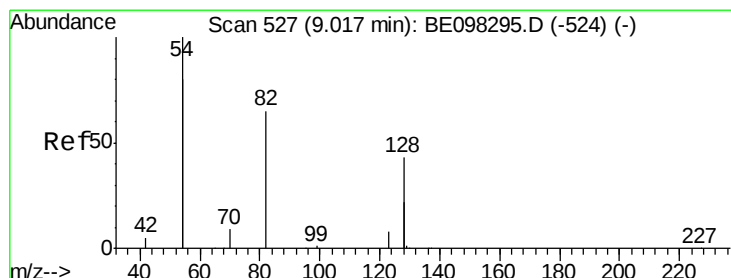
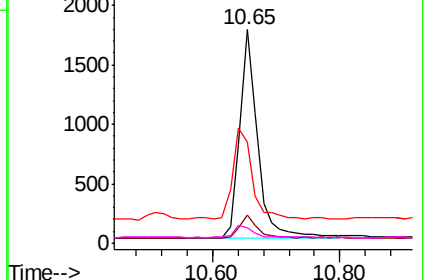
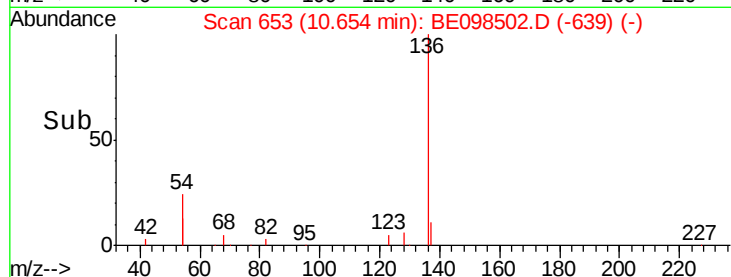


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

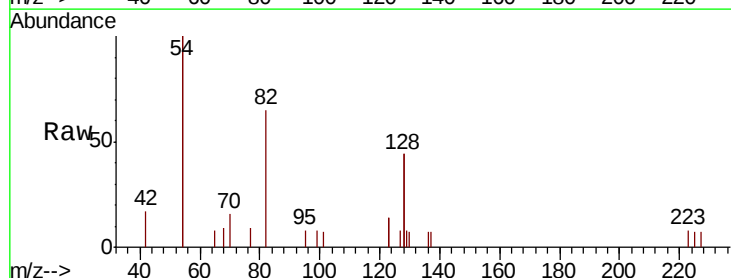
Tgt Ion: 82 Resp: 1235

Ion Ratio Lower Upper

82 100

128 135.3 102.4 153.6

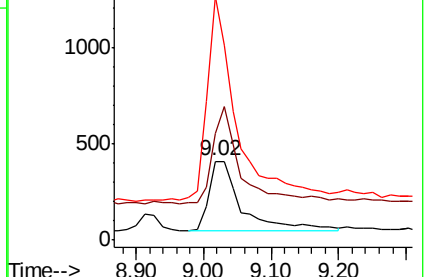
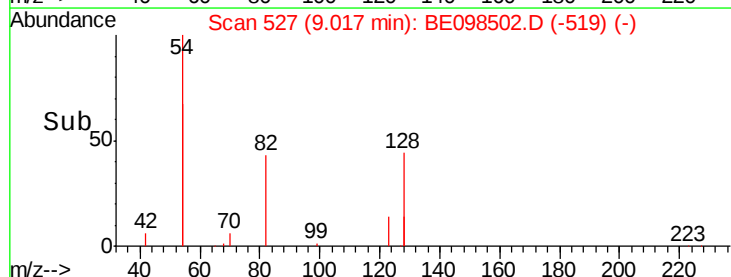
54 309.3 221.8 332.8

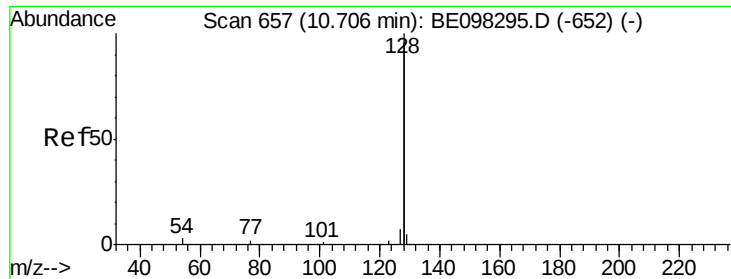


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

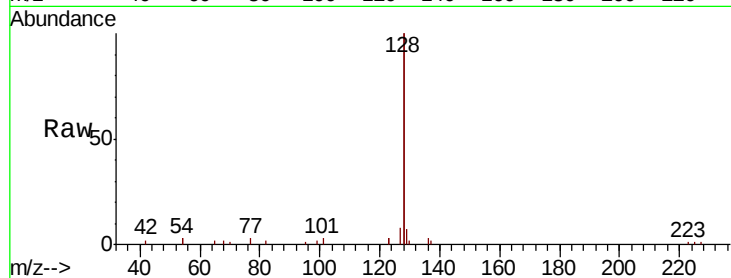
Tot Ion:128 Resp: 14129

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

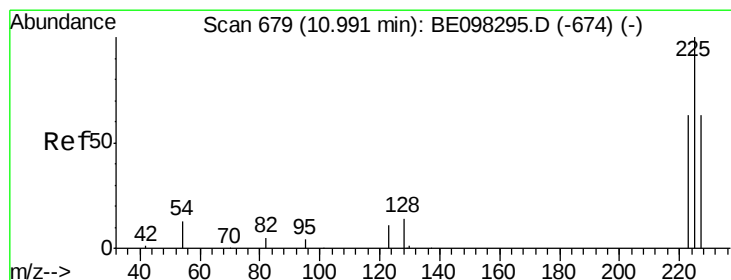
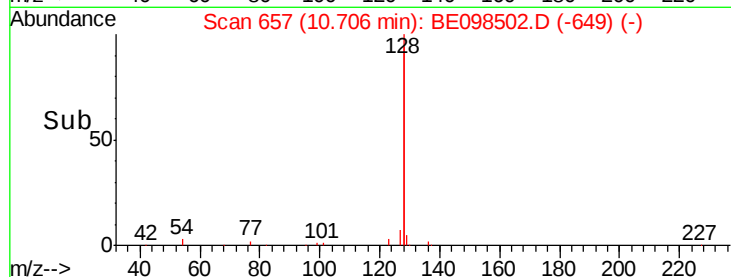
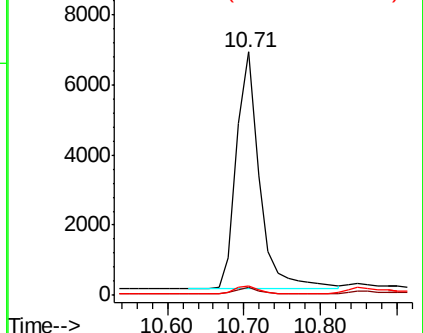
127 4.1 2.7 4.1#



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: 0.470 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

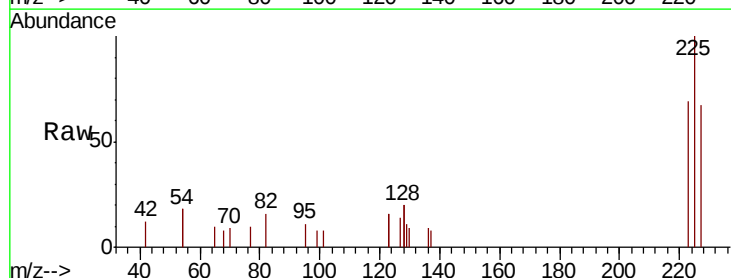
Tgt Ion:225 Resp: 1035

Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.0

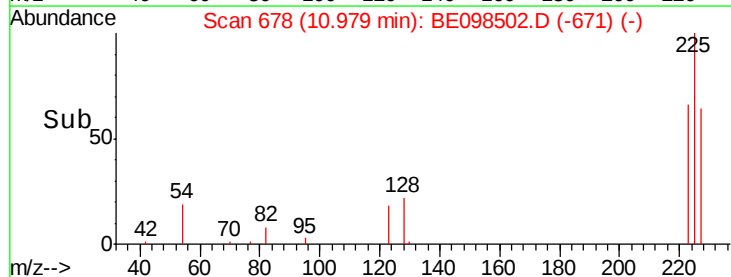
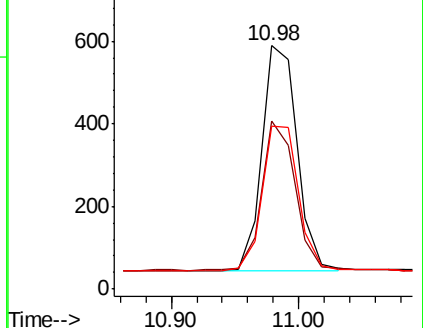
227 66.5 52.0 78.0

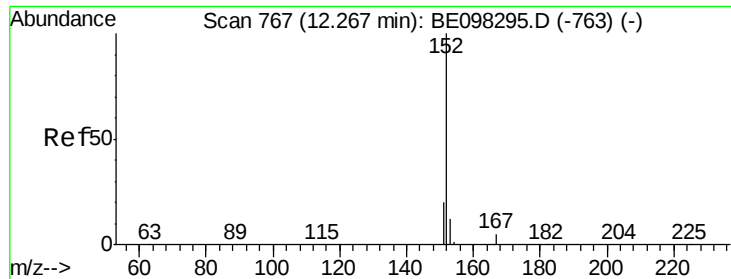


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

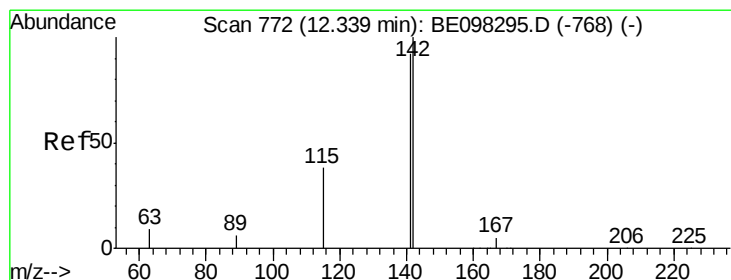
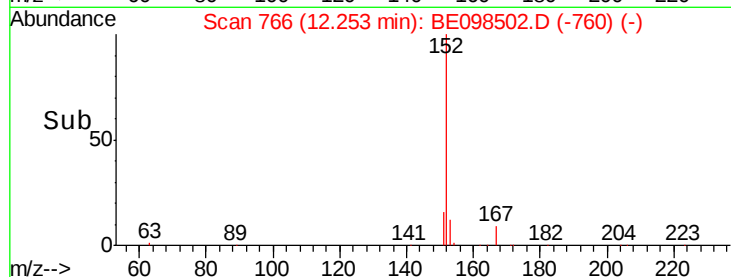
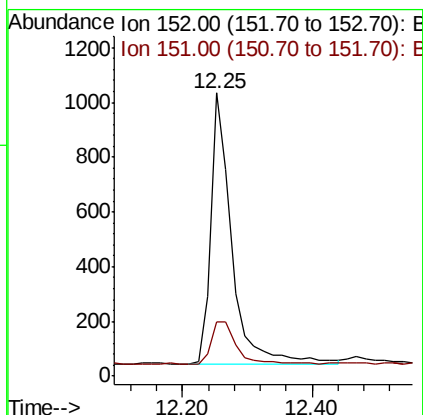
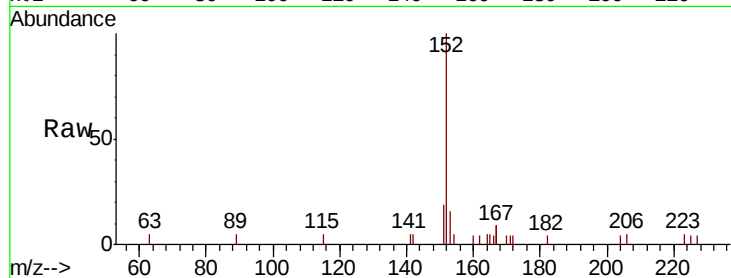




#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

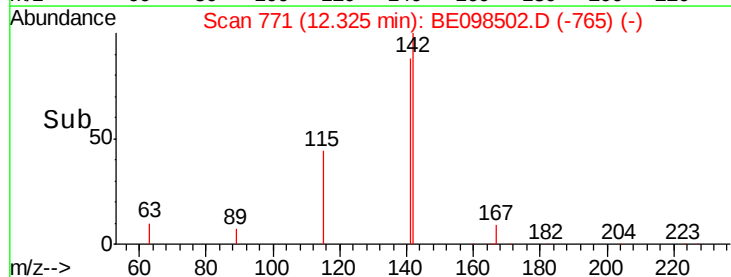
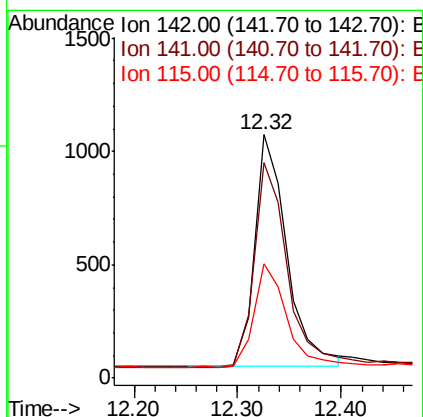
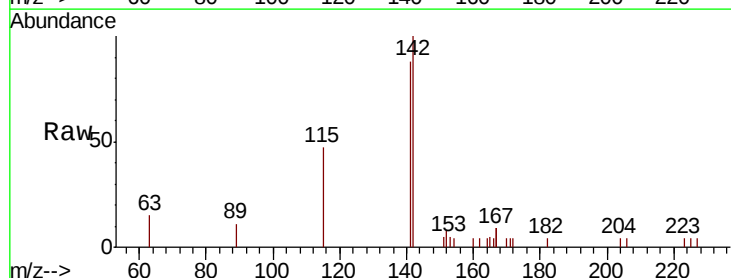
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

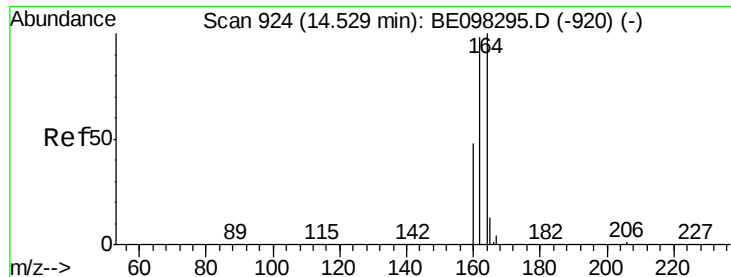
Tot Ion:152 Resp: 2248
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

Tgt Ion:142 Resp: 2228
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 46.8 32.2 48.2

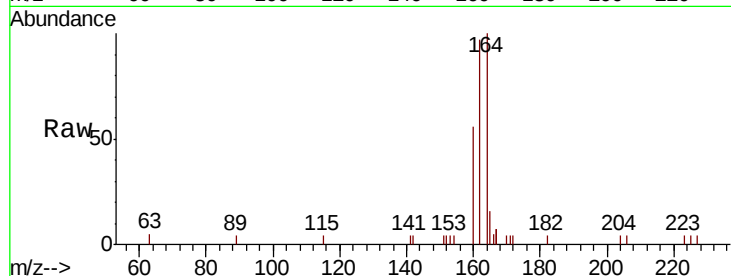




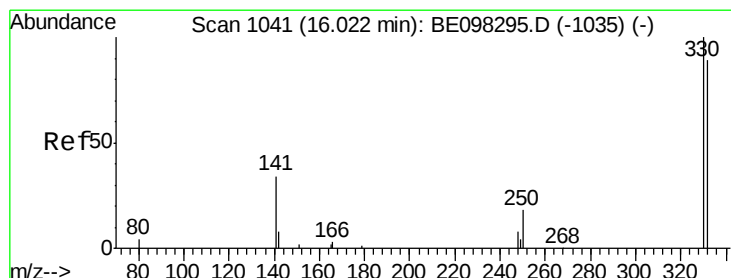
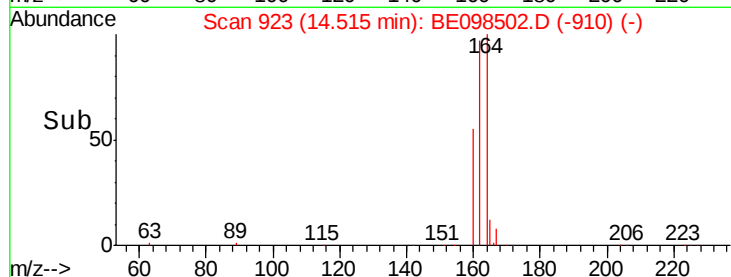
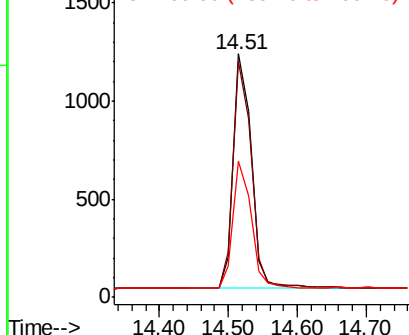
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2162
Ion Ratio Lower Upper
164 100
162 96.8 77.6 116.4
160 56.1 36.0 54.0#

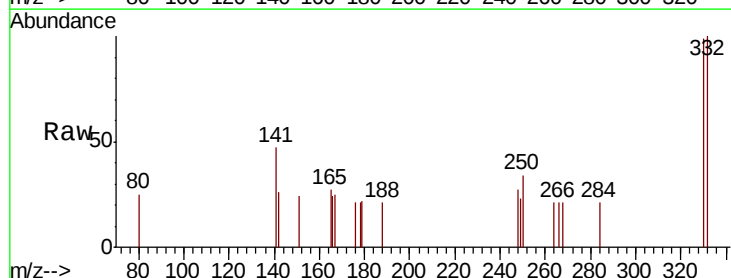


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

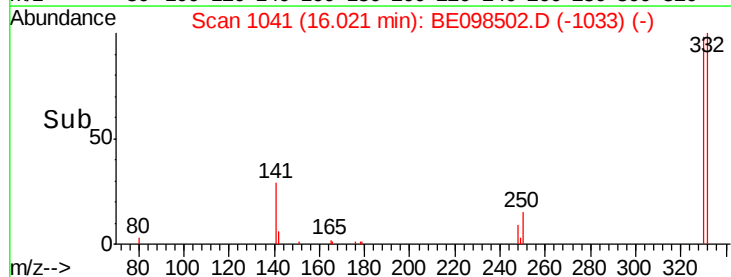
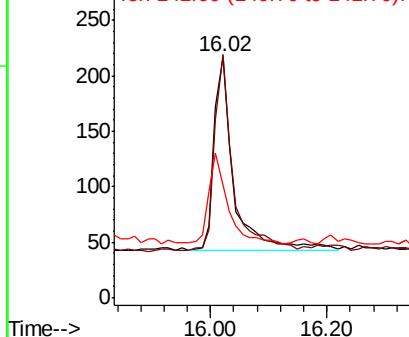


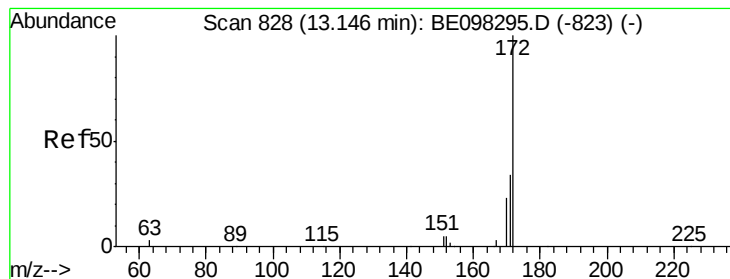
#14
2,4,6-Tribromophenol
Concen: 0.509 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 47.0 39.0 58.4



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: 0.410 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

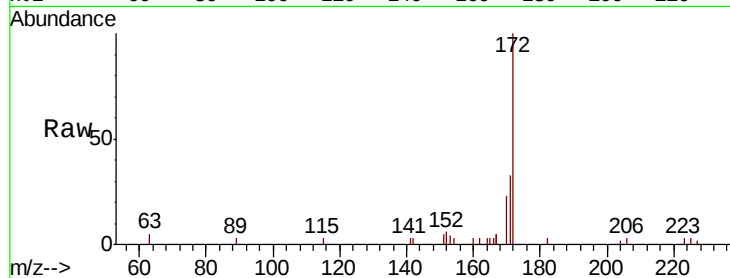
Tot Ion:172 Resp: 3743

Ion Ratio Lower Upper

172 100

171 32.5 27.5 41.3

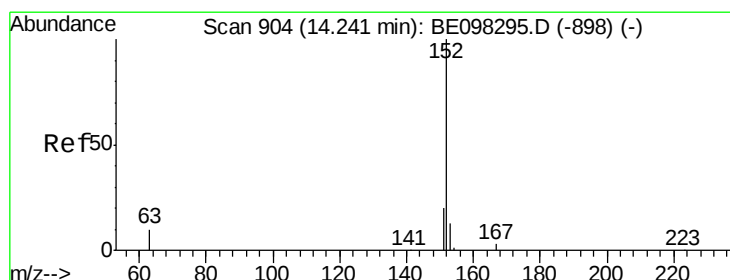
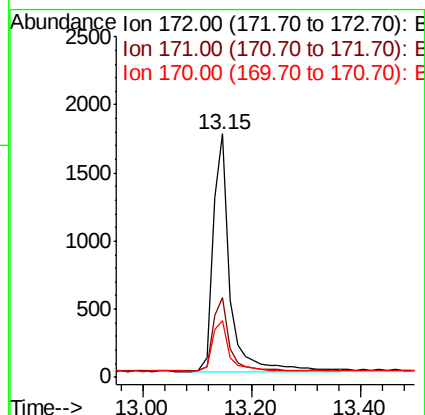
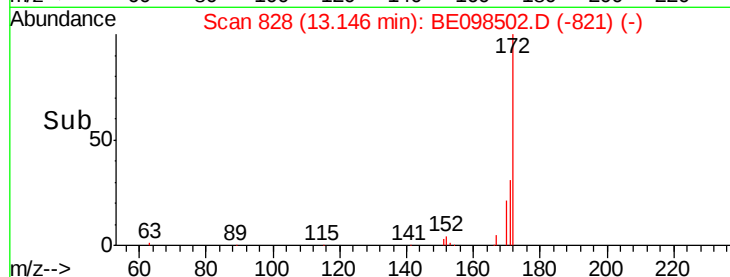
170 23.2 19.6 29.4



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: 0.411 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

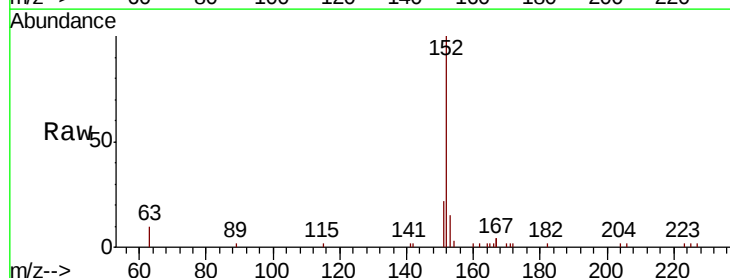
Tgt Ion:152 Resp: 4162

Ion Ratio Lower Upper

152 100

151 20.3 15.5 23.3

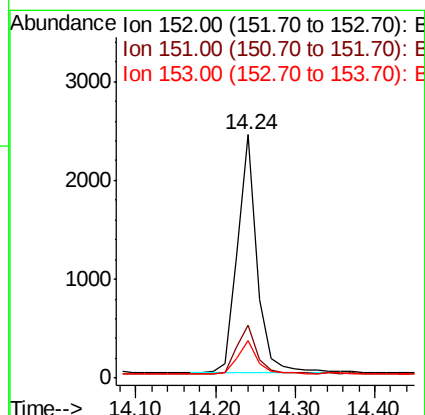
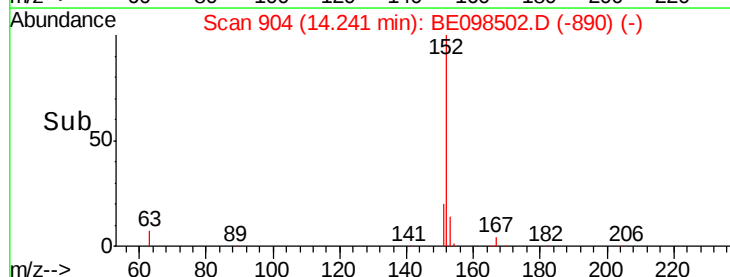
153 13.5 10.6 16.0

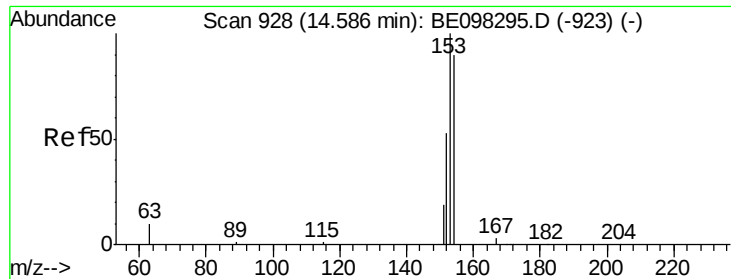


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

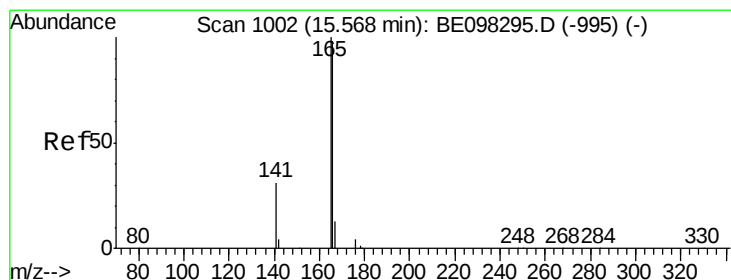
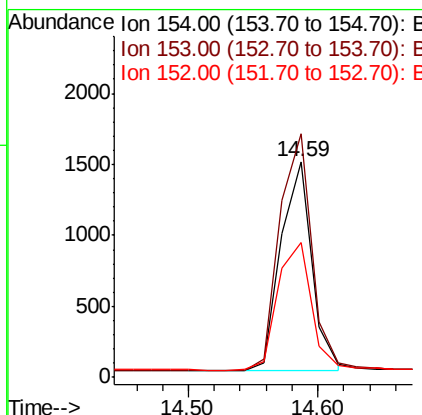
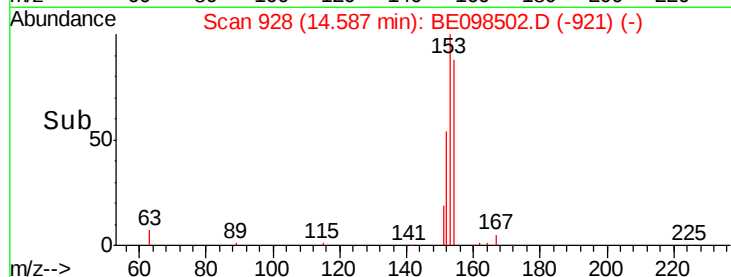
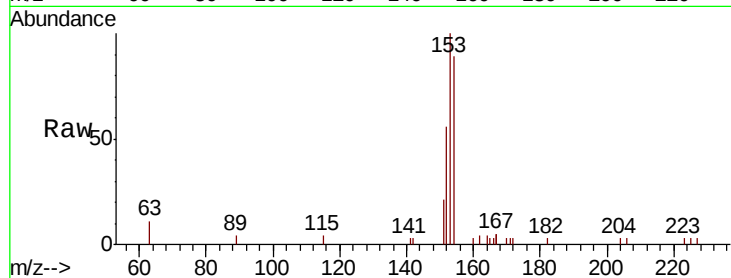




#17
Acenaphthene
Concen: 0.408 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

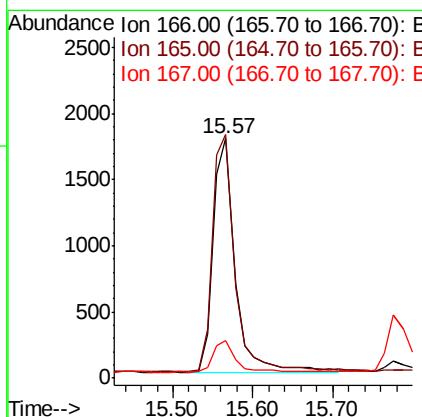
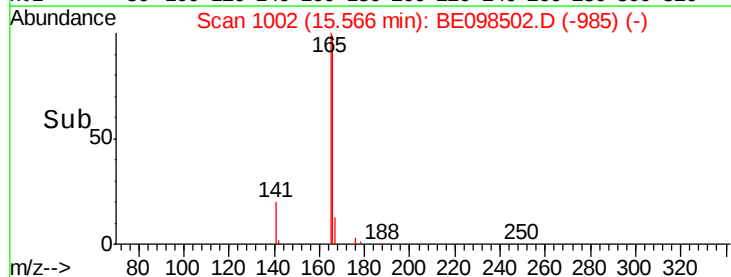
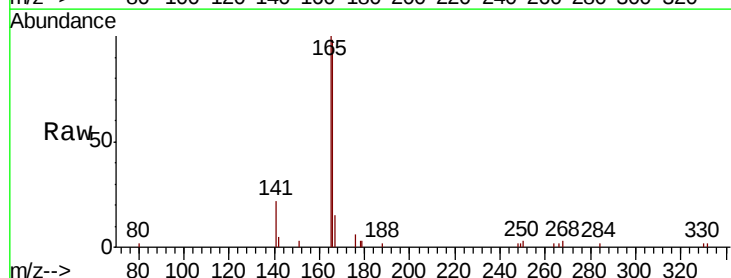
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

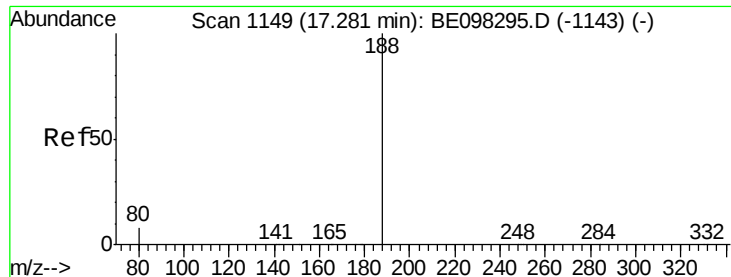
Tot Ion:154 Resp: 2483
Ion Ratio Lower Upper
154 100
153 117.2 91.8 137.6
152 66.4 45.5 68.3



#18
Fluorene
Concen: 0.415 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Tgt Ion:166 Resp: 3379
Ion Ratio Lower Upper
166 100
165 103.5 79.3 118.9
167 13.6 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

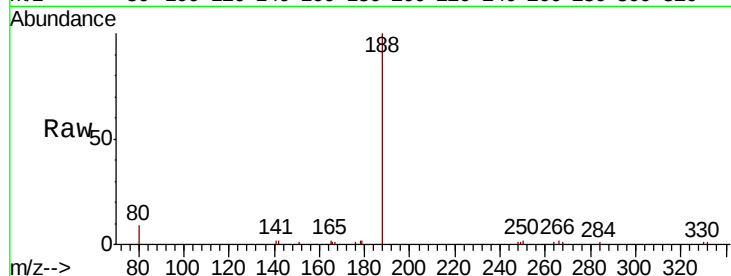
Tot Ion:188 Resp: 5739

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

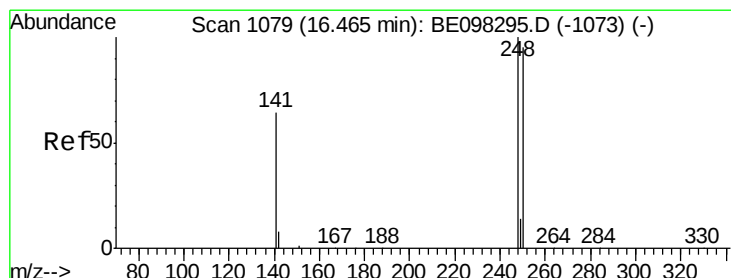
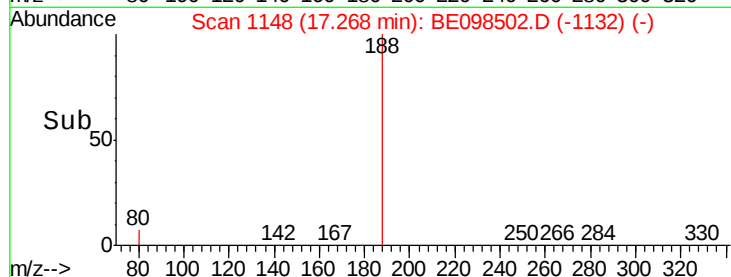
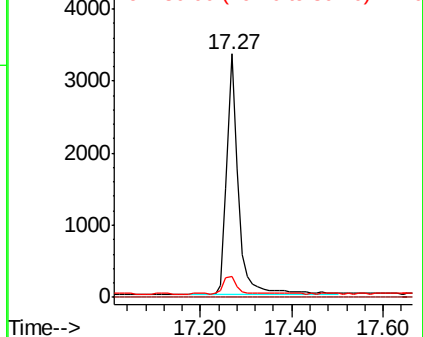
80 8.7 7.2 10.8



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: 0.399 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

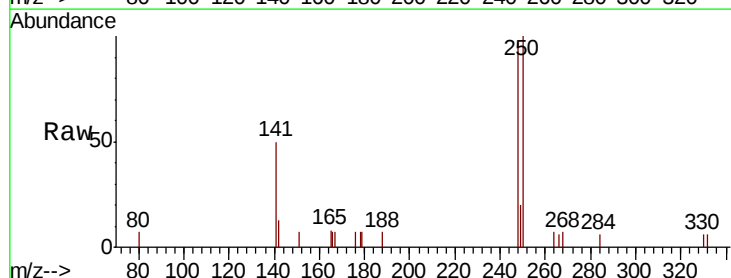
Tgt Ion:248 Resp: 1233

Ion Ratio Lower Upper

248 100

250 103.2 71.0 106.6

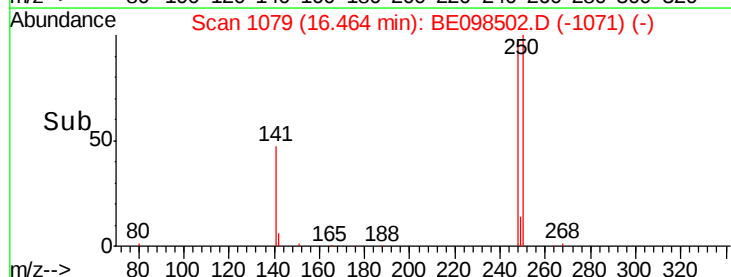
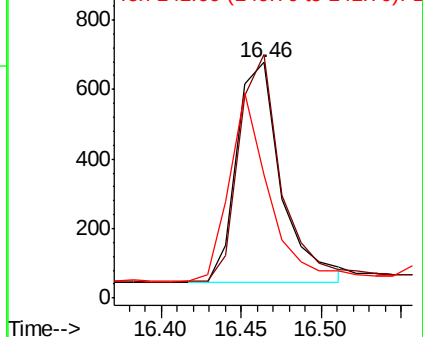
141 52.1 62.1 93.1#

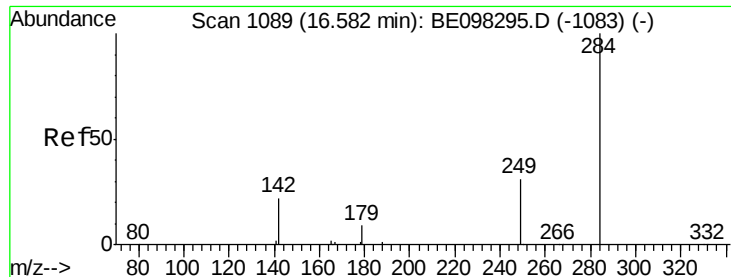


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.435 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

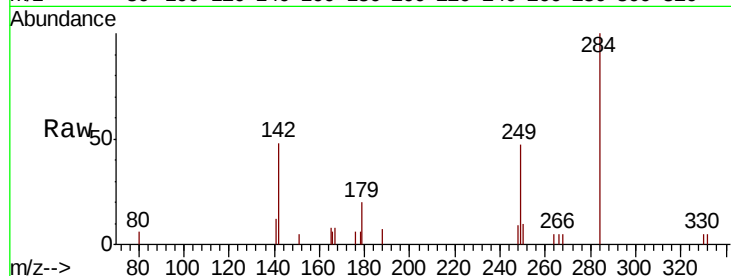
Tot Ion:284 Resp: 1445

Ion Ratio Lower Upper

284 100

142 38.5 26.3 39.5

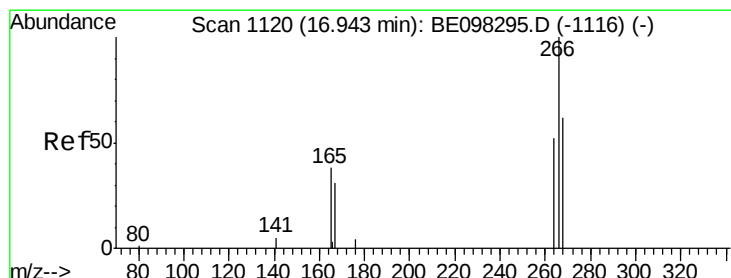
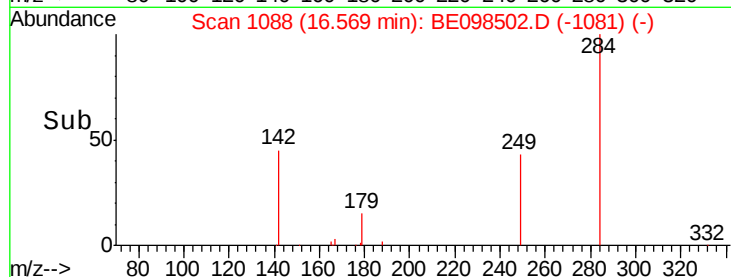
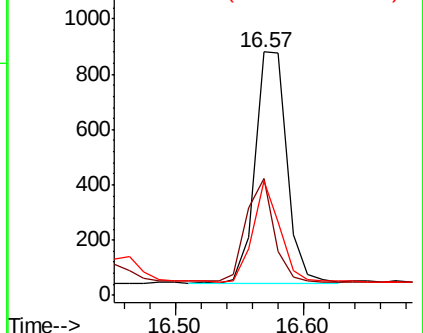
249 36.3 26.0 39.0



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: 0.571 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

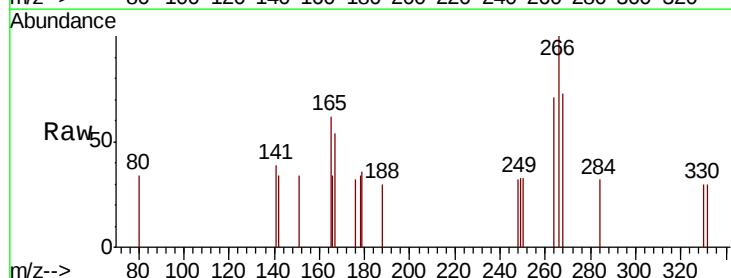
Tgt Ion:266 Resp: 324

Ion Ratio Lower Upper

266 100

264 70.5 59.0 88.4

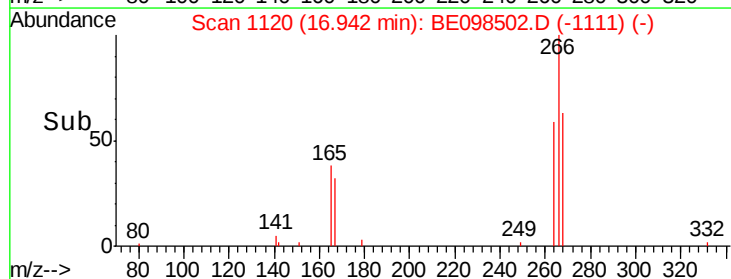
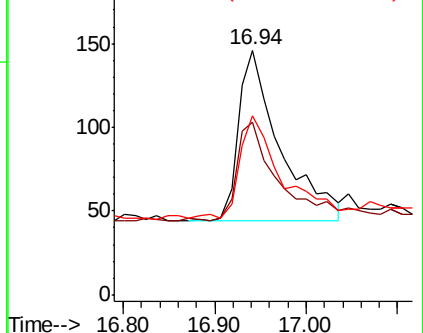
268 73.3 55.1 82.7

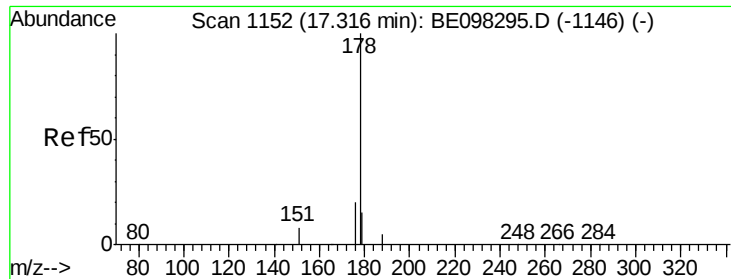


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

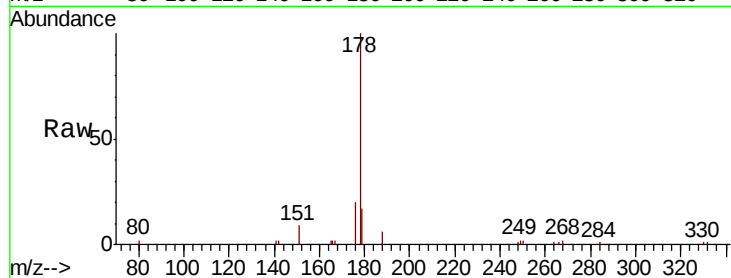
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 5790

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.2	12.3	18.5

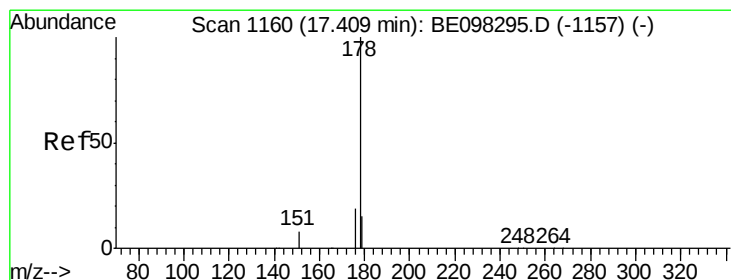
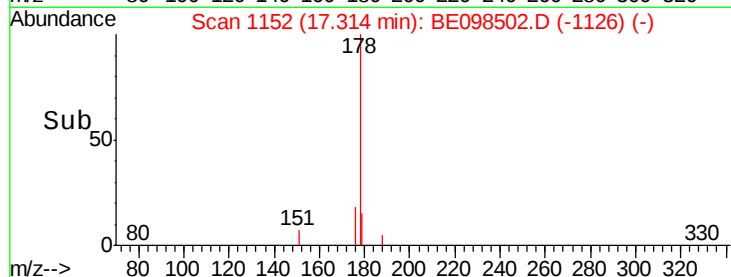
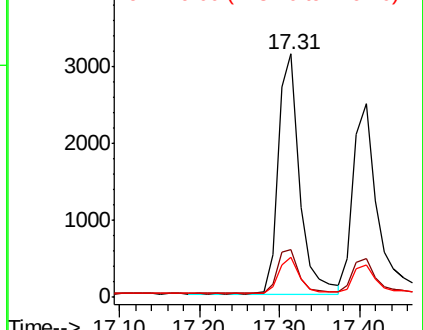


Abundance

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: 0.380 ng

RT: 17.41 min Scan# 1160

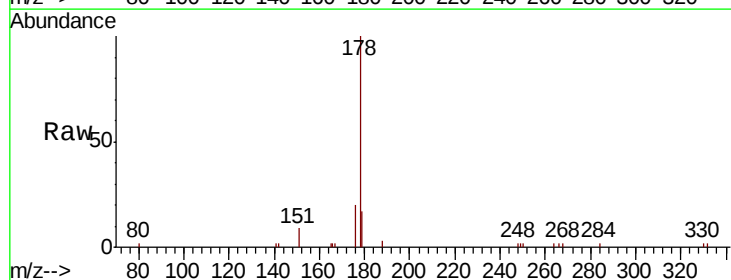
Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Tgt Ion:178 Resp: 4730

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.3	18.5

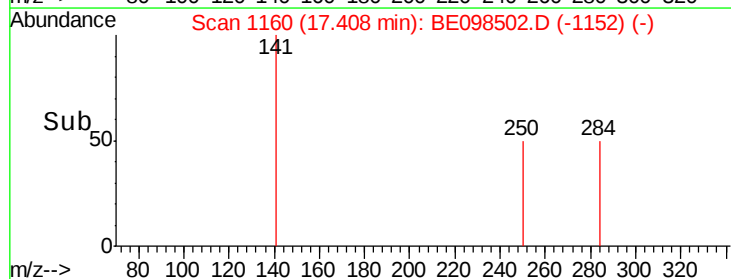
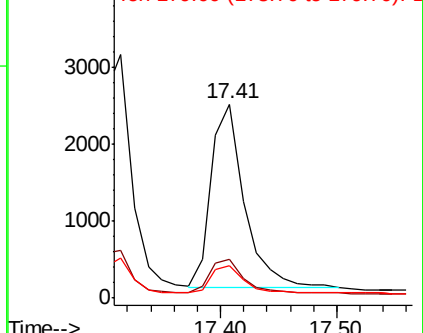


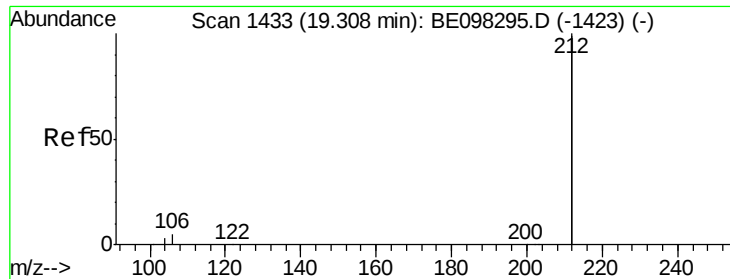
Abundance

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

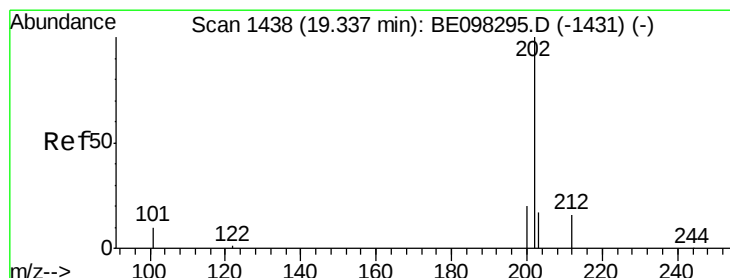
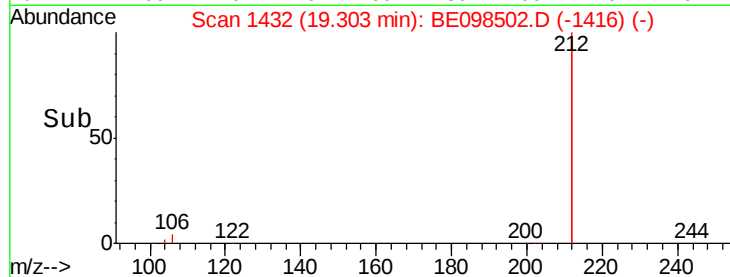
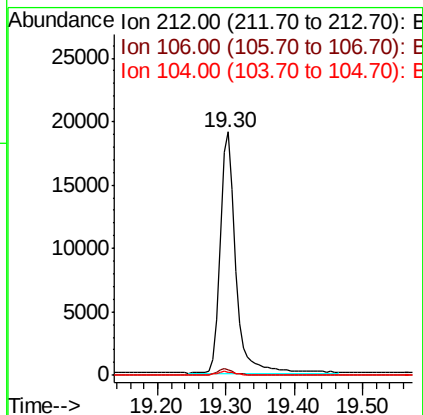
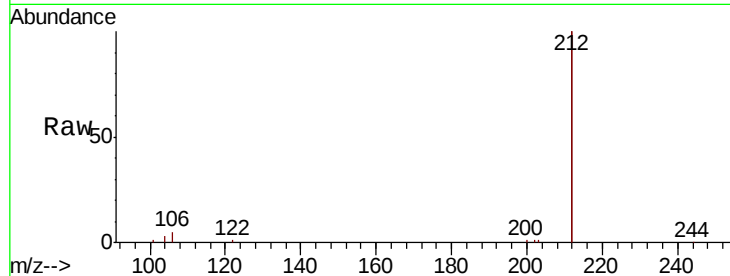




#25
 Fluoranthene-d10
 Concen: 0.415 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

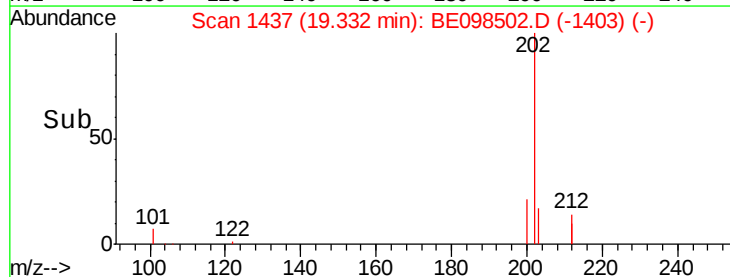
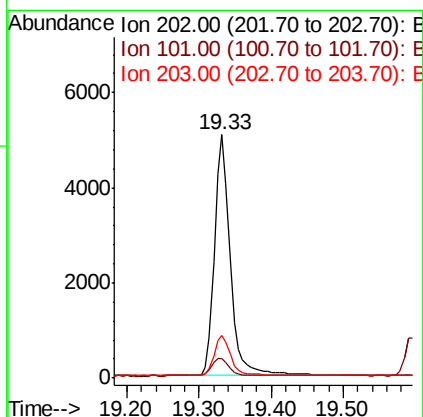
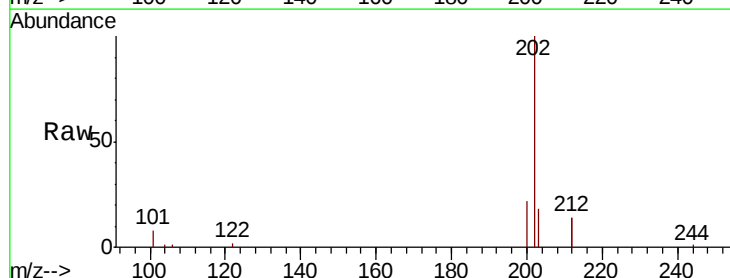
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

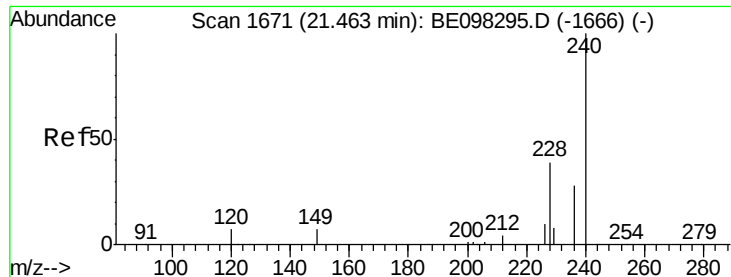
Tot Ion:212 Resp: 30559
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 1.3 1.9#



#26
 Fluoranthene
 Concen: 0.420 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

Tgt Ion:202 Resp: 7741
 Ion Ratio Lower Upper
 202 100
 101 8.1 8.0 12.0
 203 17.1 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

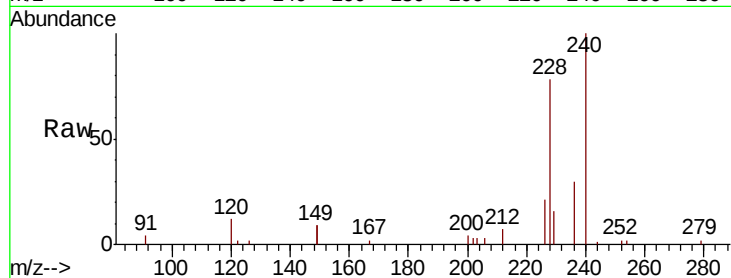
Tot Ion:240 Resp: 6955

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

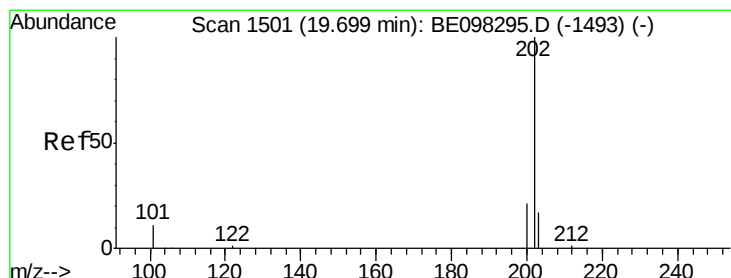
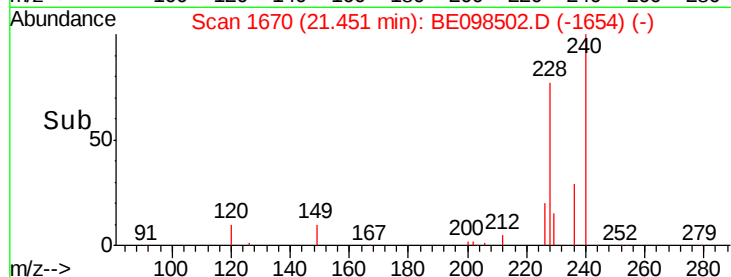
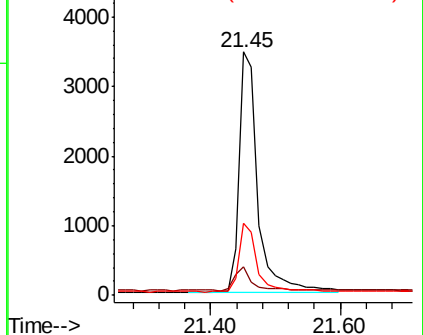
236 29.8 22.7 34.1



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: 0.390 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

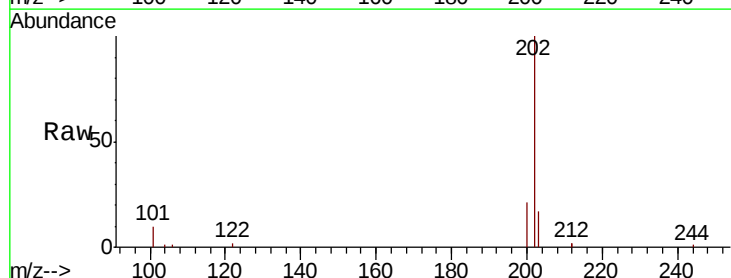
Tgt Ion:202 Resp: 8516

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

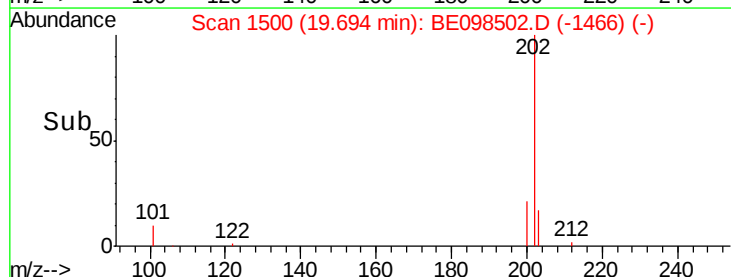
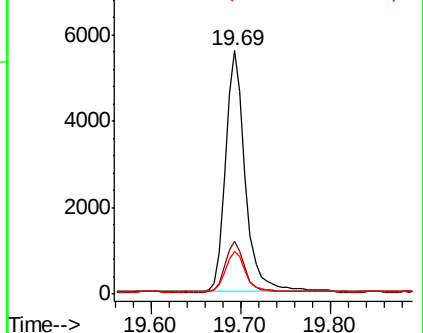
203 16.8 14.1 21.1

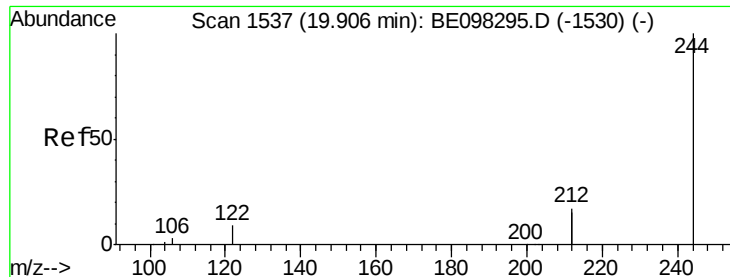


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.342 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

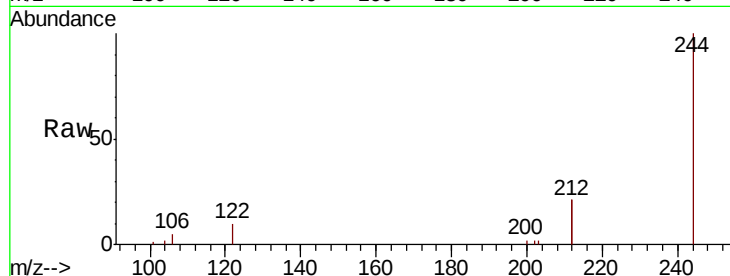
Tot Ion:244 Resp: 5784

Ion Ratio Lower Upper

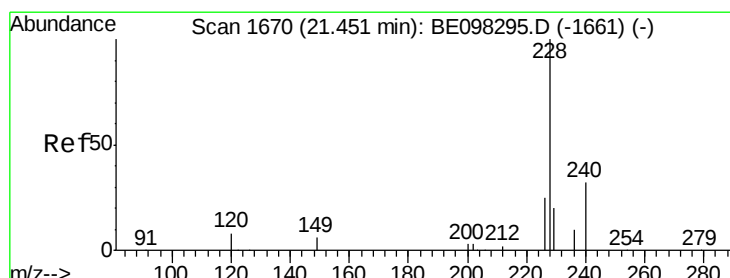
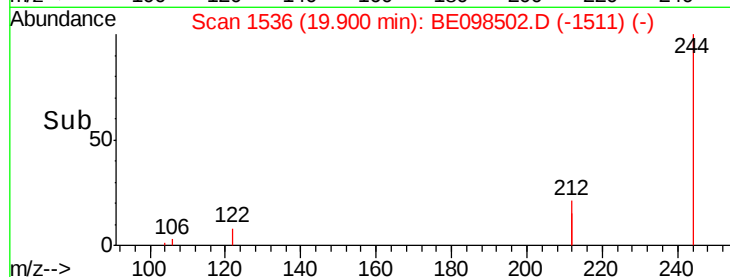
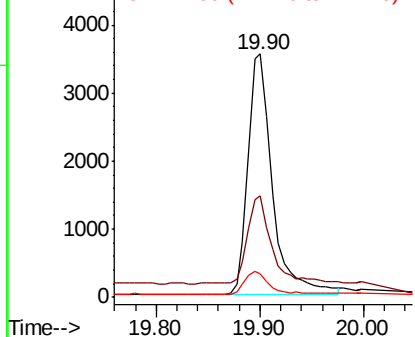
244 100

212 41.7 27.4 41.0#

122 9.6 8.3 12.5



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: 0.387 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

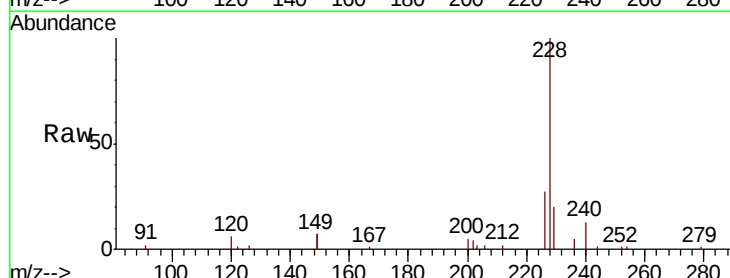
Tgt Ion:228 Resp: 7669

Ion Ratio Lower Upper

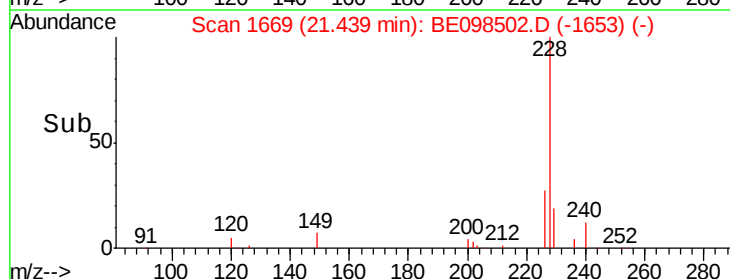
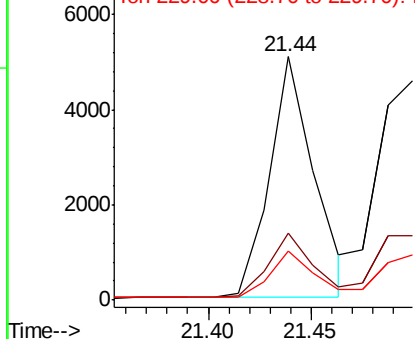
228 100

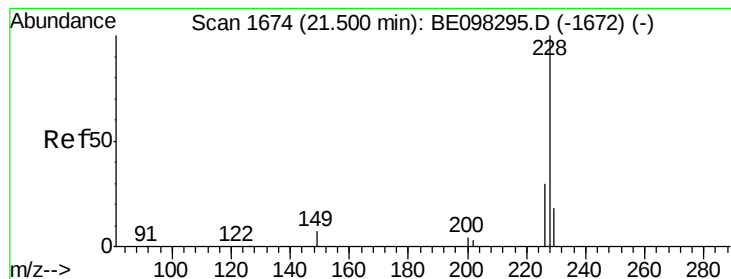
226 27.5 21.8 32.8

229 20.1 16.3 24.5



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: 0.422 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

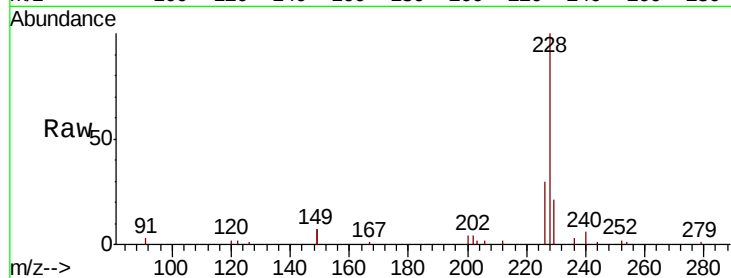
Tot Ion:228 Resp: 8762

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

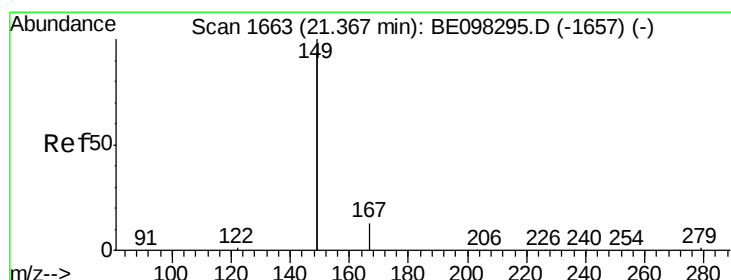
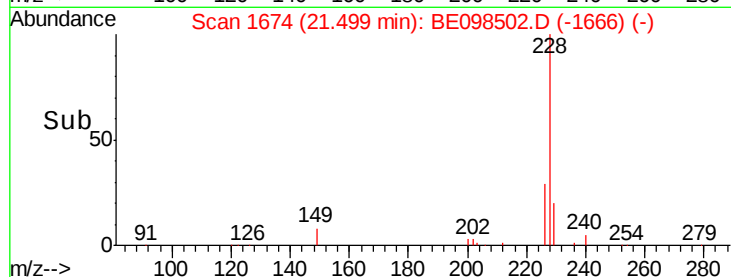
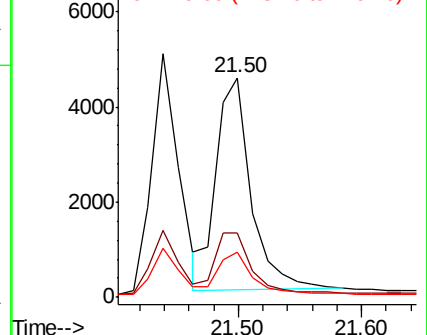
229 20.7 16.2 24.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.307 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

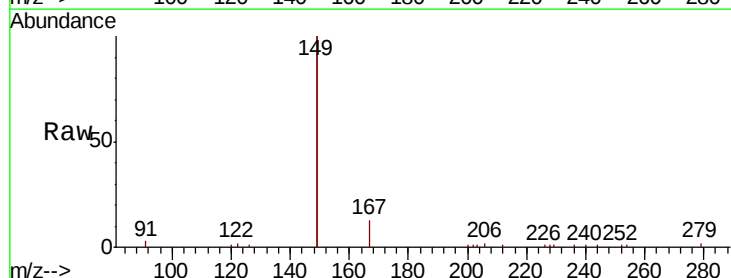
Tgt Ion:149 Resp: 12365

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

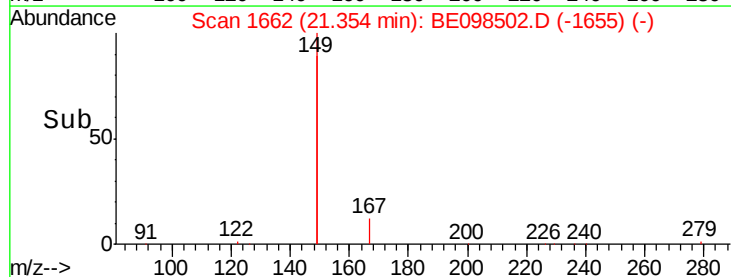
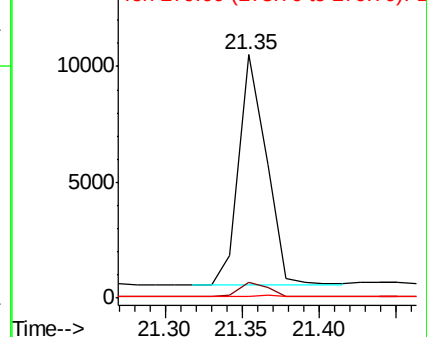
279 1.1 1.0 1.4

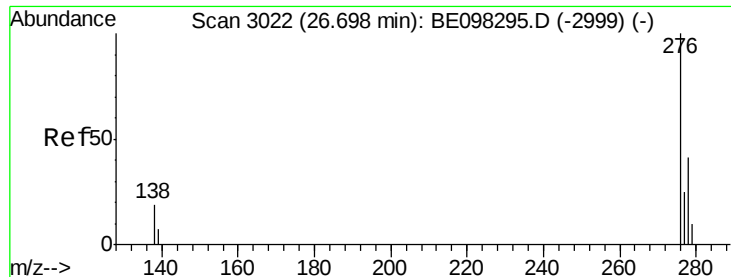


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

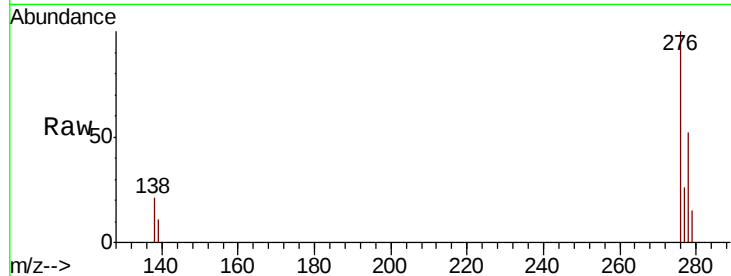




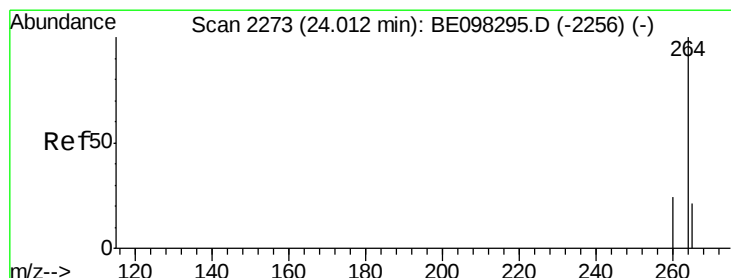
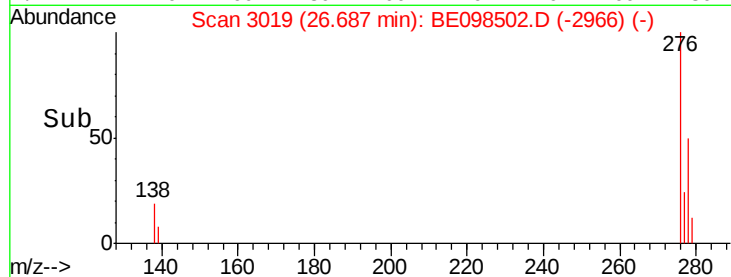
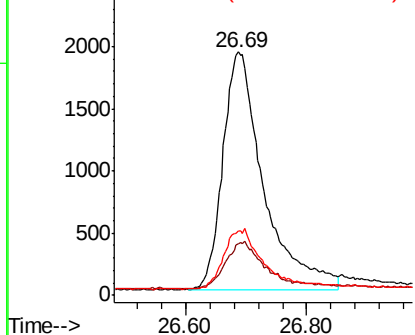
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 8905
Ion Ratio Lower Upper
276 100
138 18.7 16.3 24.5
277 23.7 20.2 30.4

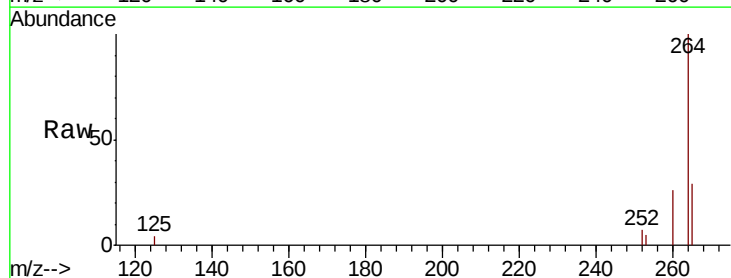


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

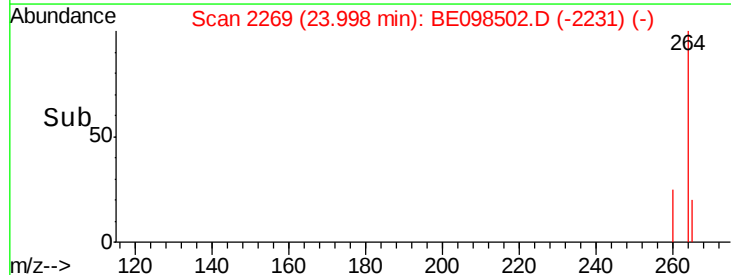
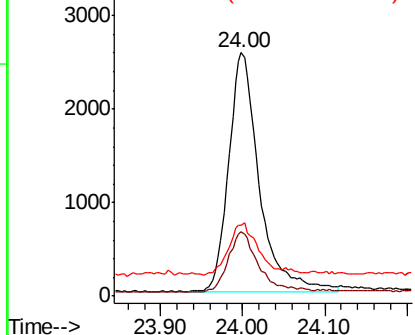


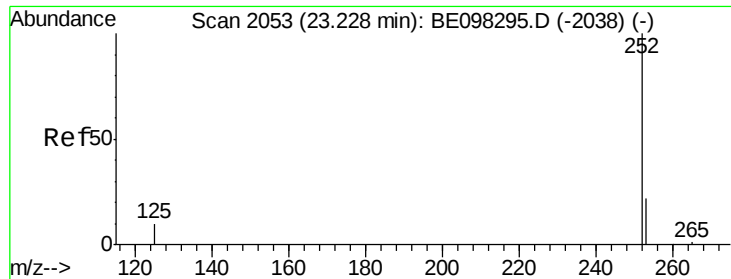
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Tgt Ion:264 Resp: 6604
Ion Ratio Lower Upper
264 100
260 26.4 20.2 30.2
265 29.1 25.2 37.8



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

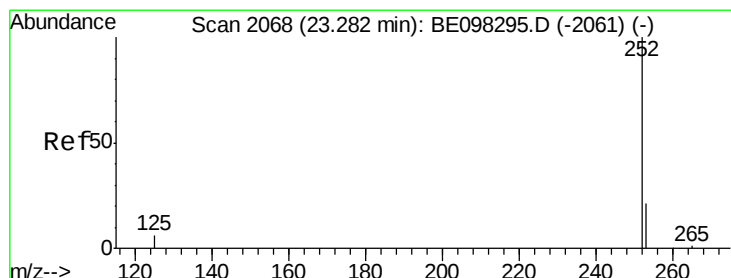
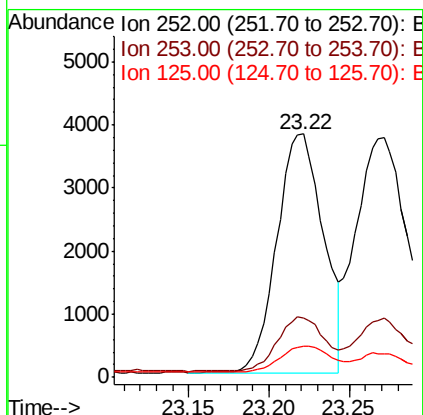
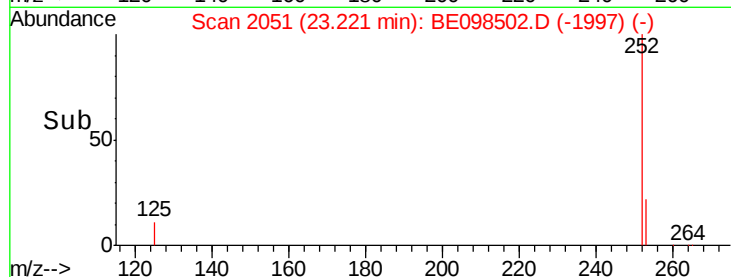
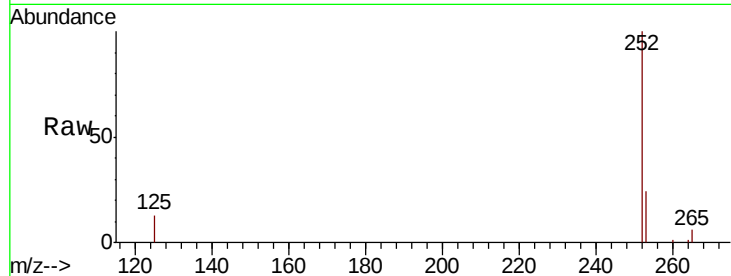




#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

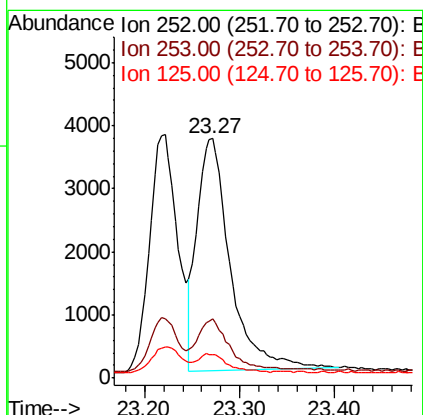
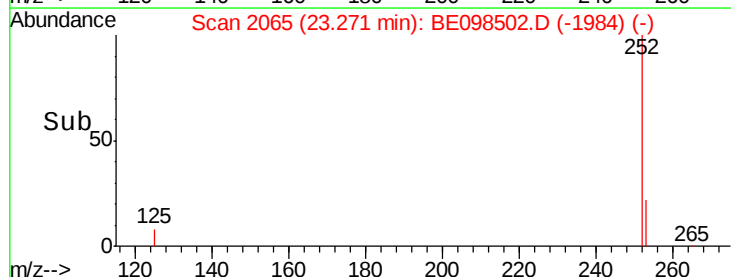
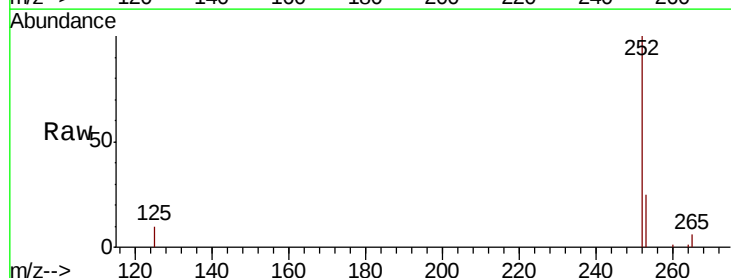
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

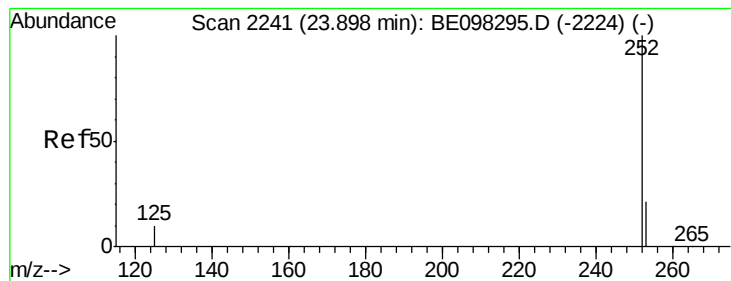
Tot Ion:252 Resp: 7613
Ion Ratio Lower Upper
252 100
253 24.2 20.0 30.0
125 13.0 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Tgt Ion:252 Resp: 8980
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.6
125 10.0 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

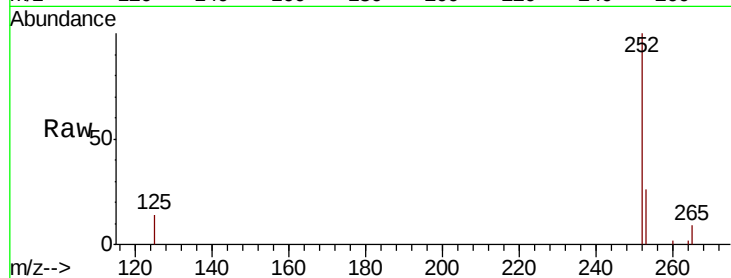
Tot Ion:252 Resp: 7944

Ion Ratio Lower Upper

252 100

253 25.9 20.6 30.8

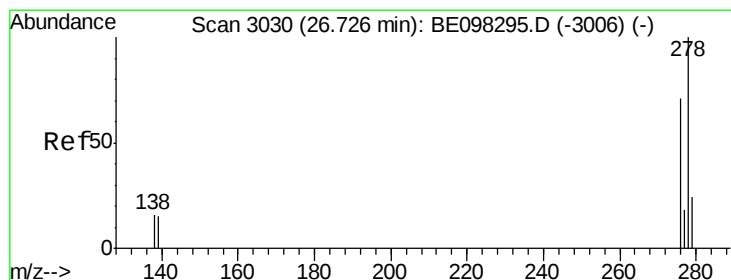
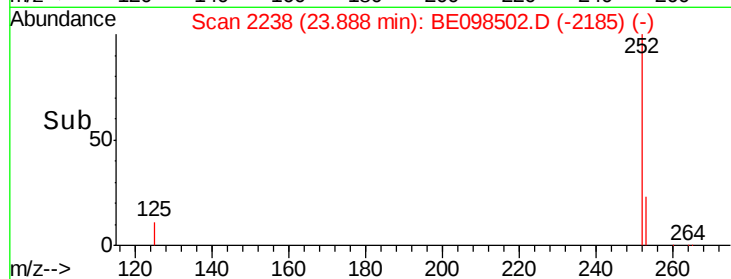
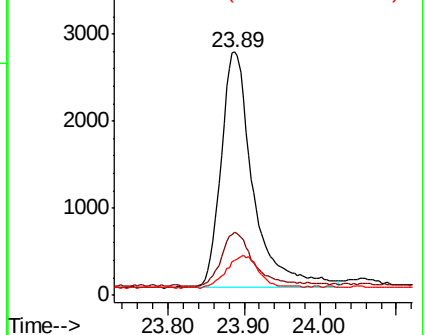
125 14.3 10.5 15.7



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: 0.405 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.02 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

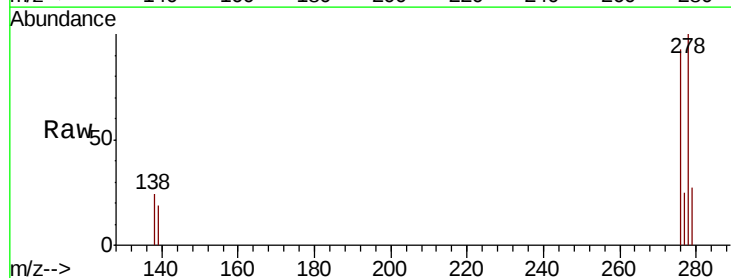
Tgt Ion:278 Resp: 7108

Ion Ratio Lower Upper

278 100

139 19.5 14.5 21.7

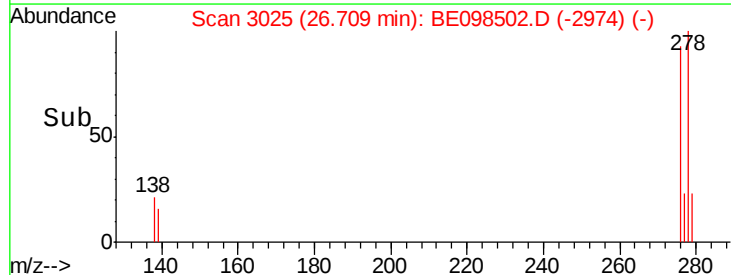
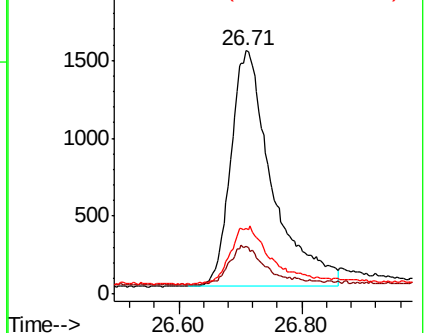
279 26.8 21.8 32.8

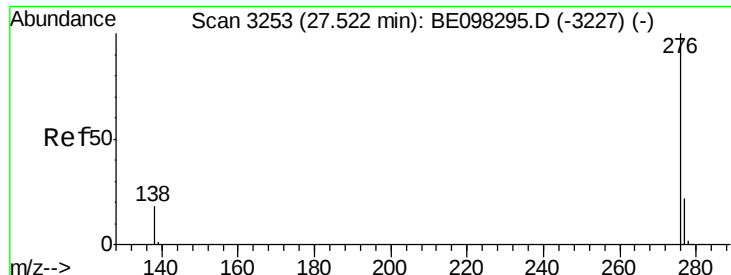


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.439 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

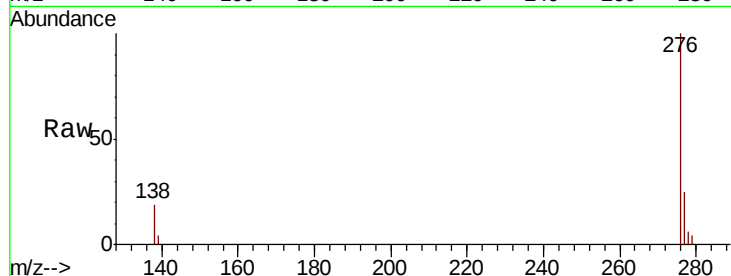
Tot Ion:276 Resp: 7771

Ion Ratio Lower Upper

276 100

277 25.3 20.8 31.2

138 18.5 15.8 23.6



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

