

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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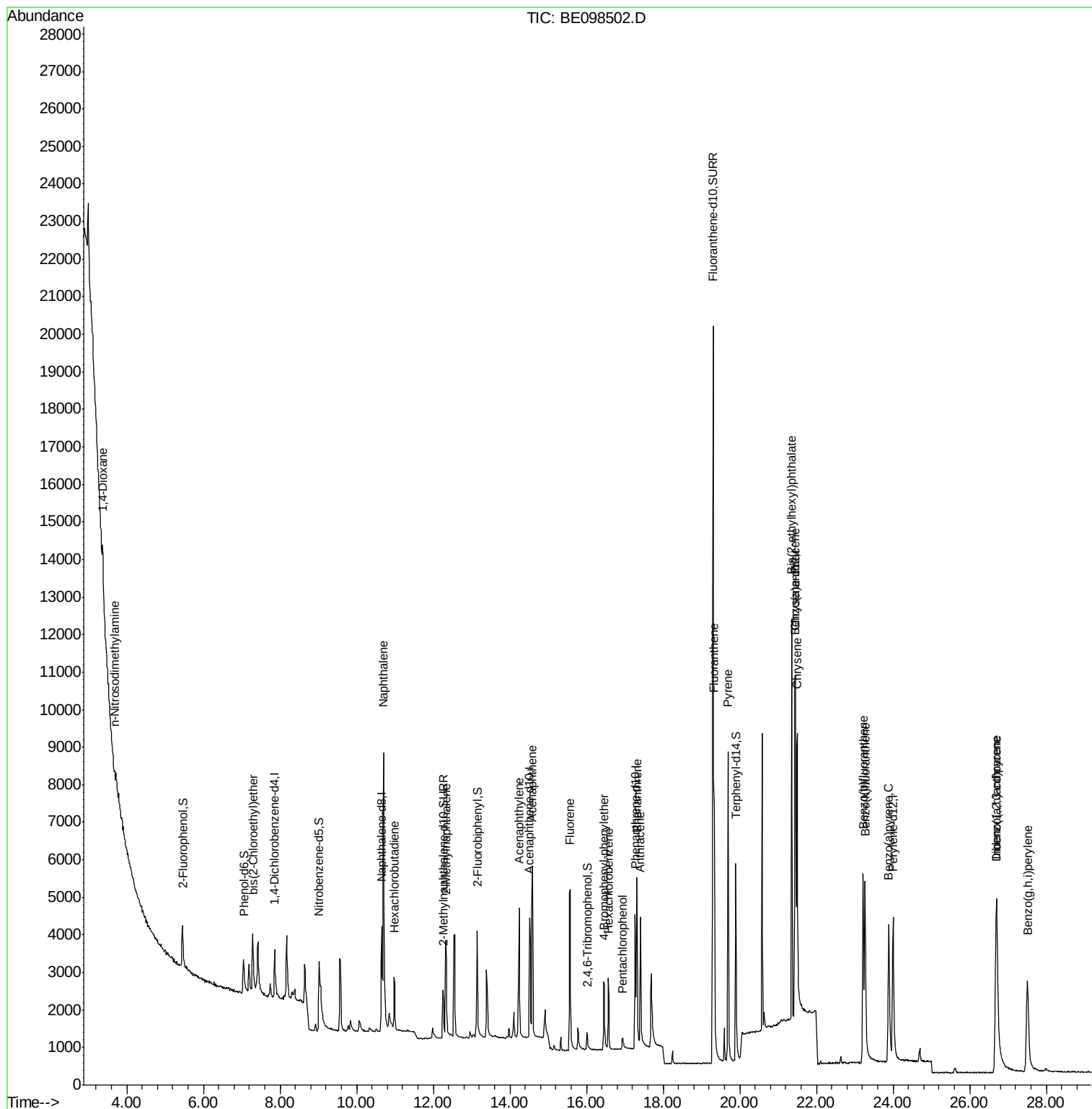
Quant Time: Dec 17 02:05:10 2018

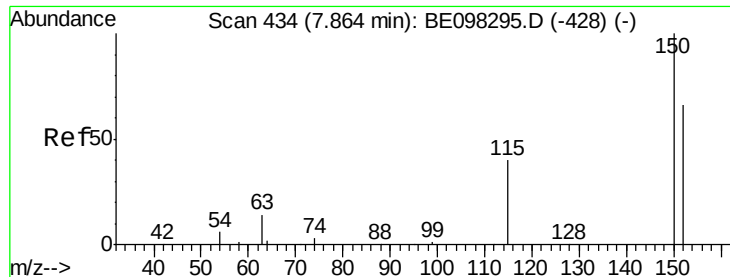
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Dec 10 14:59:55 2018

Response via : Initial Calibration





#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

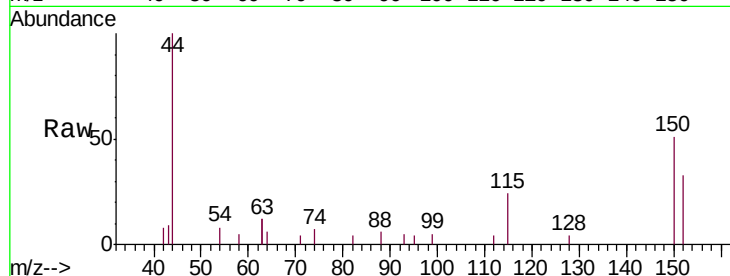
Tgt Ion:152 Resp: 775

Ion Ratio Lower Upper

152 100

150 153.8 124.2 186.4

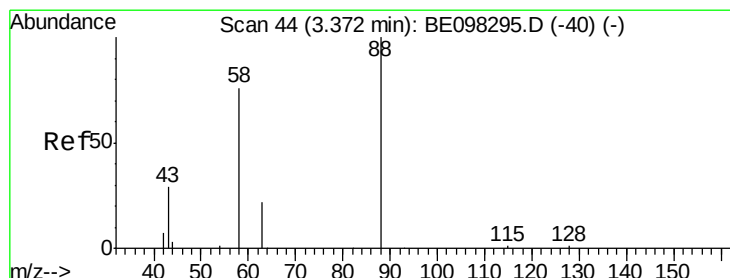
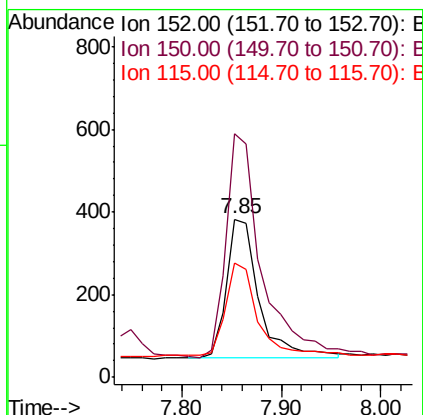
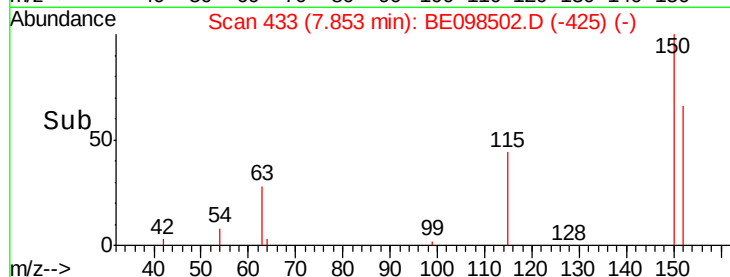
115 72.1 53.9 80.9



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

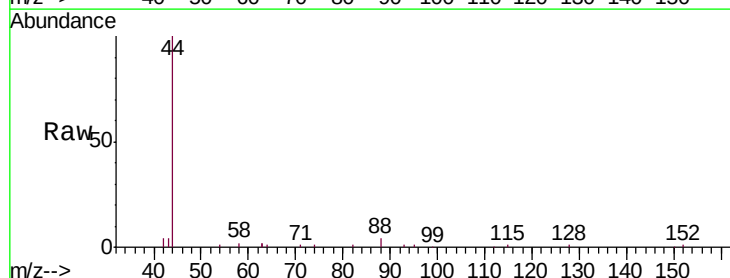
Tgt Ion: 88 Resp: 473

Ion Ratio Lower Upper

88 100

58 91.8 75.0 112.6

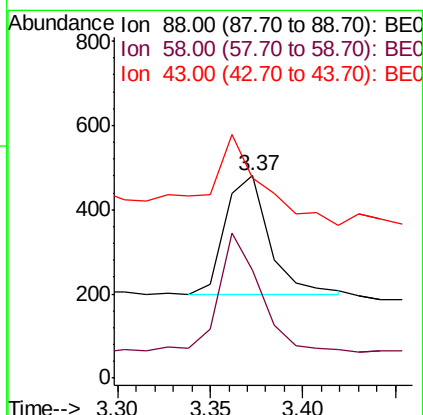
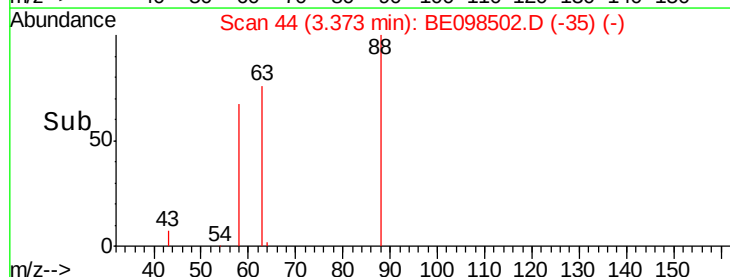
43 98.5 38.3 57.5#

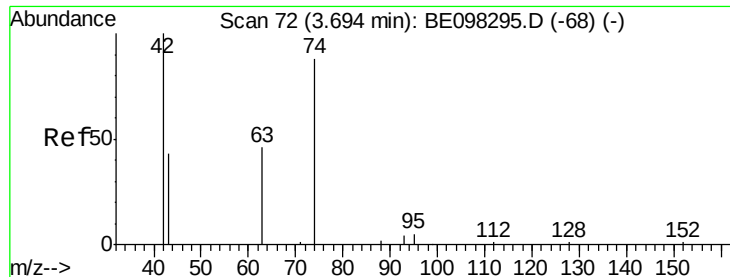


Abundance Ion 88.00 (87.70 to 88.70): BE0

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

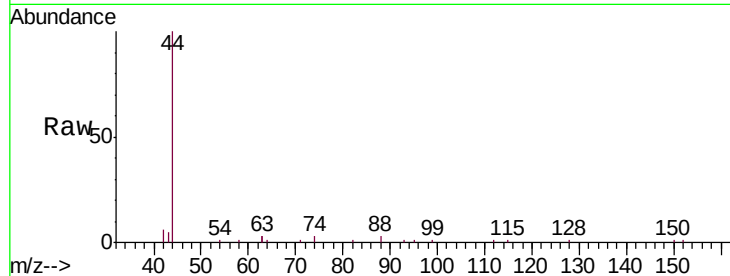
Tgt Ion: 42 Resp: 363

Ion Ratio Lower Upper

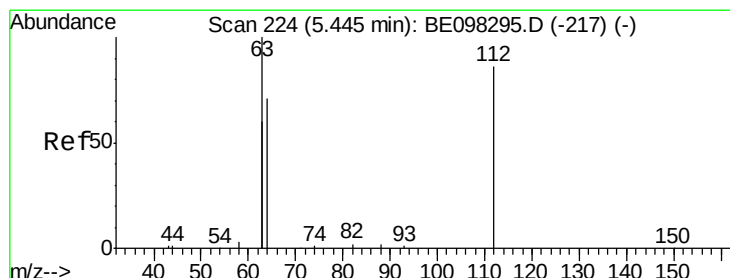
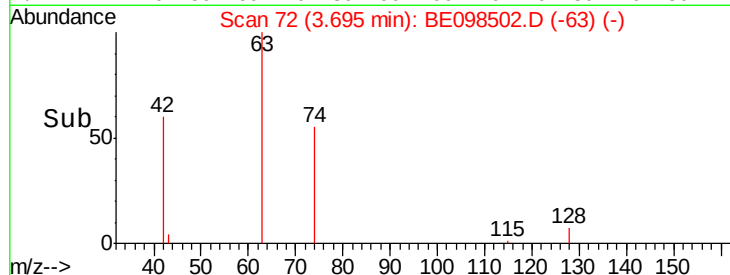
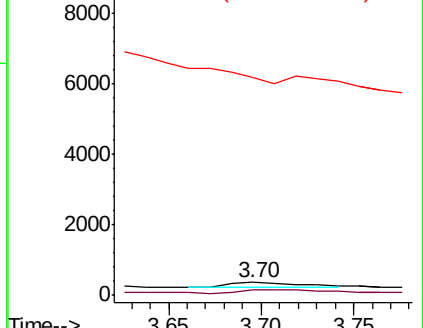
42 100

74 78.0 0.0 0.0#

44 0.0 0.0 0.0



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: 0.497 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

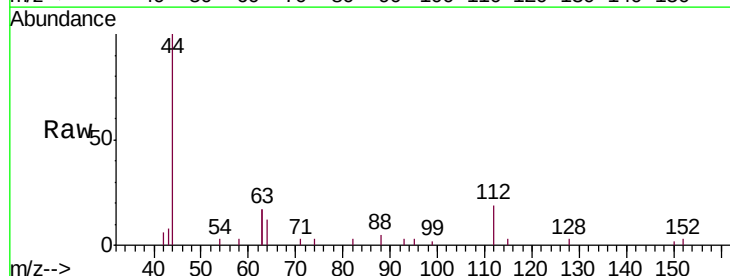
Tgt Ion: 112 Resp: 901

Ion Ratio Lower Upper

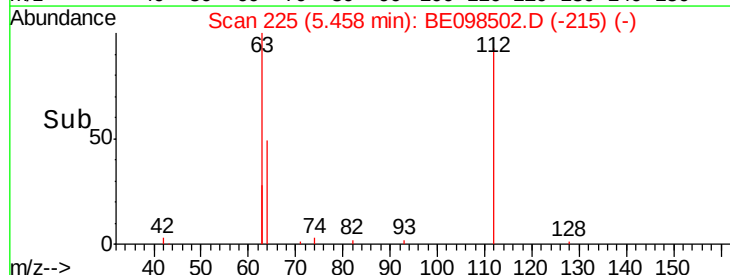
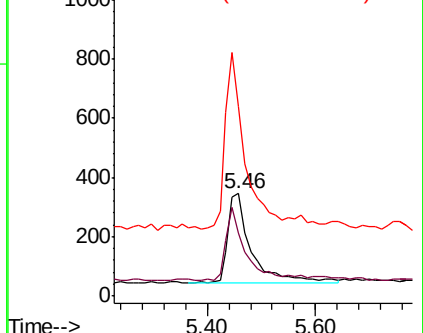
112 100

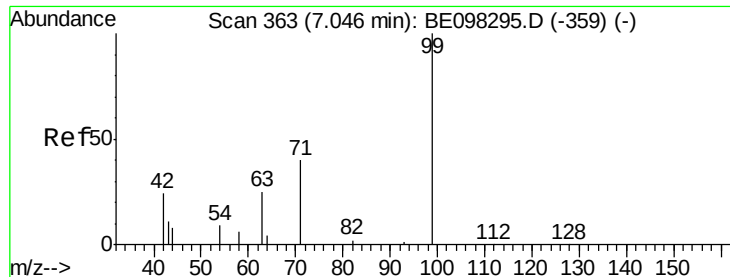
64 64.9 59.8 89.8

63 163.9 133.7 200.5



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: 0.493 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

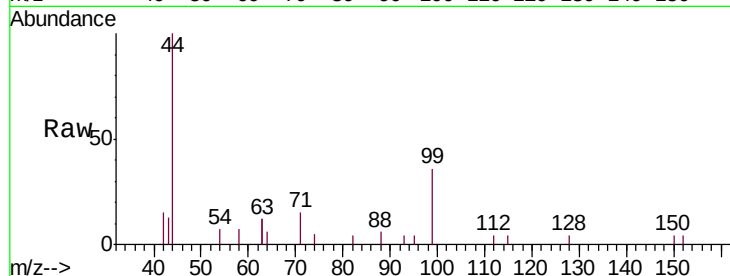
Tgt Ion: 99 Resp: 1266

Ion Ratio Lower Upper

99 100

42 33.8 26.3 39.5

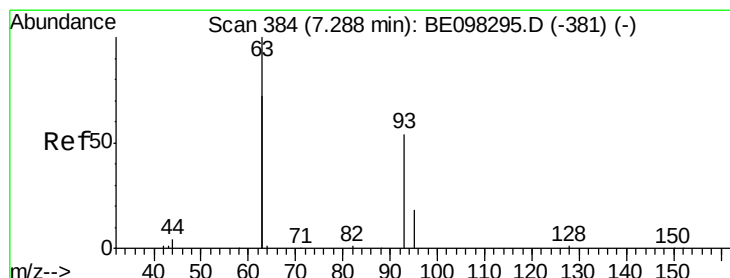
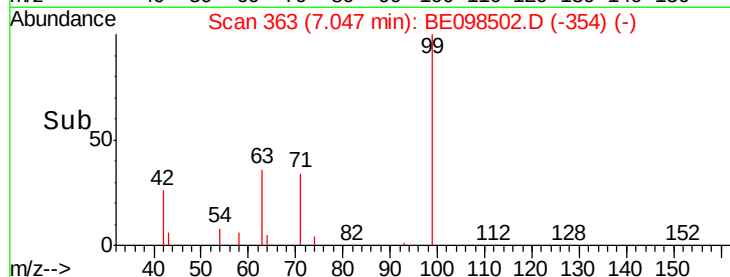
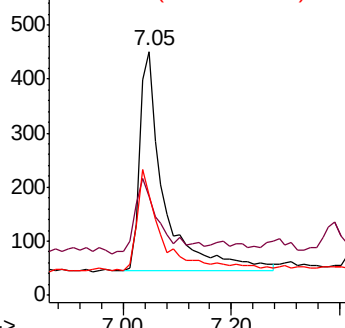
71 46.7 33.6 50.4



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: 0.372 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

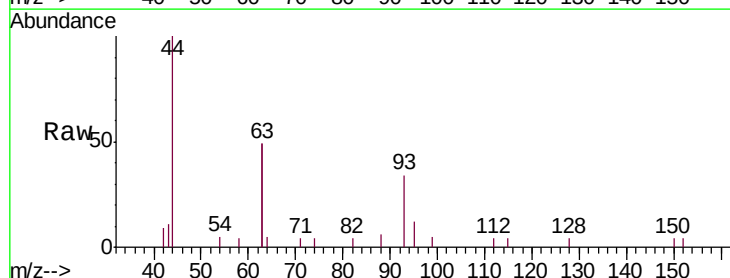
Tgt Ion: 93 Resp: 909

Ion Ratio Lower Upper

93 100

63 310.2 264.4 396.6

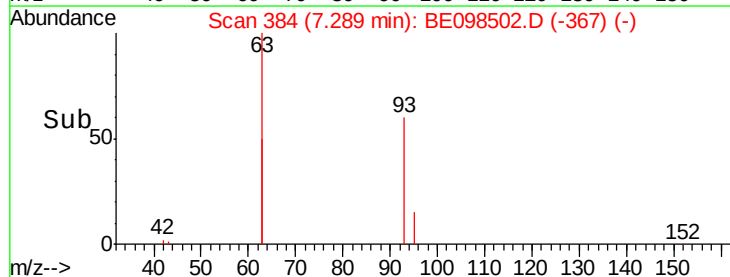
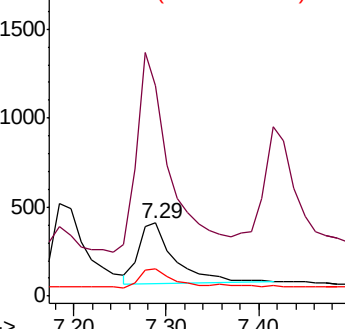
95 30.6 26.6 40.0

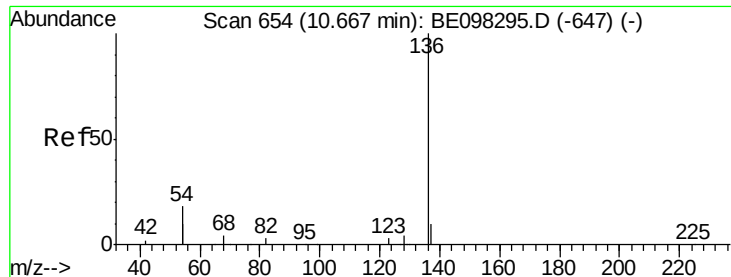


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 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

Tgt Ion:136 Resp: 3440

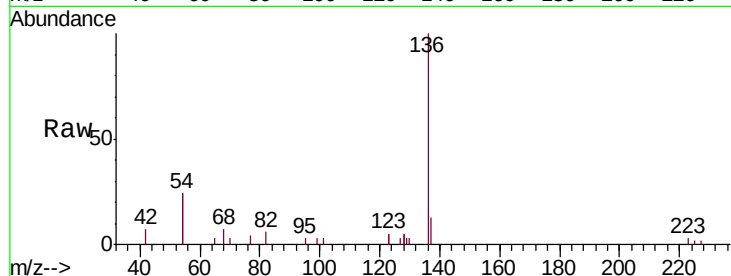
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 47.5 28.4 42.6#

68 7.3 5.4 8.0

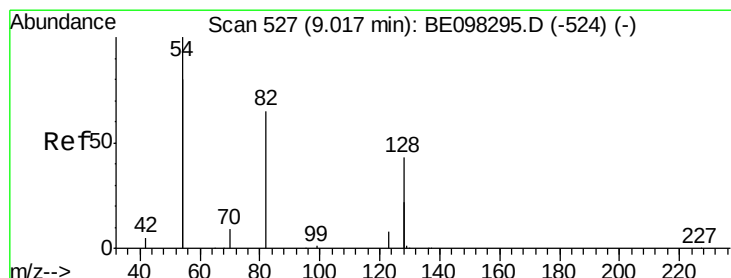
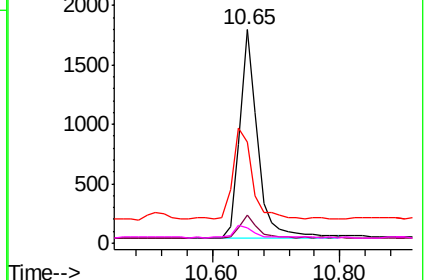
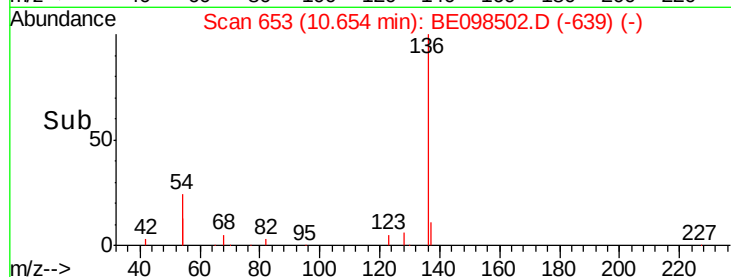


Abundance Ion 136.00 (135.70 to 136.70): E

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

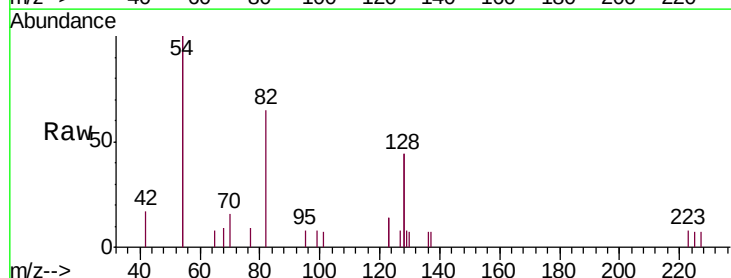
Tgt Ion: 82 Resp: 1235

Ion Ratio Lower Upper

82 100

128 135.3 102.4 153.6

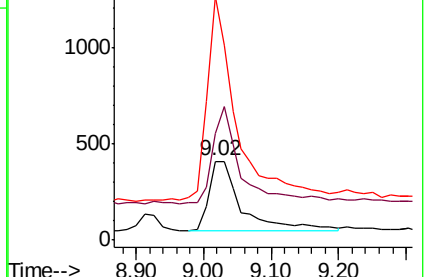
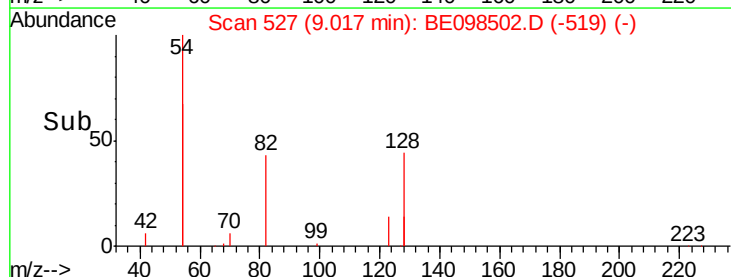
54 309.3 221.8 332.8

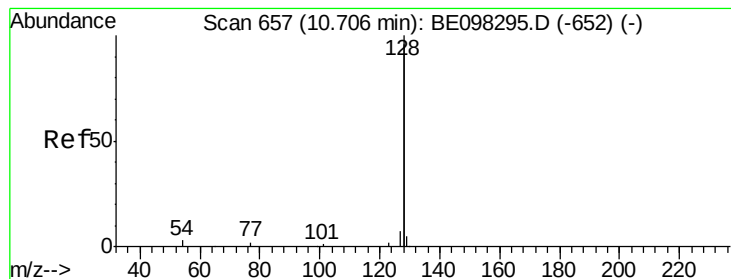


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

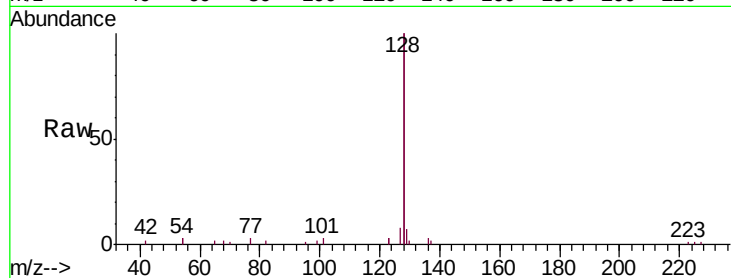
Tgt Ion:128 Resp: 14129

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

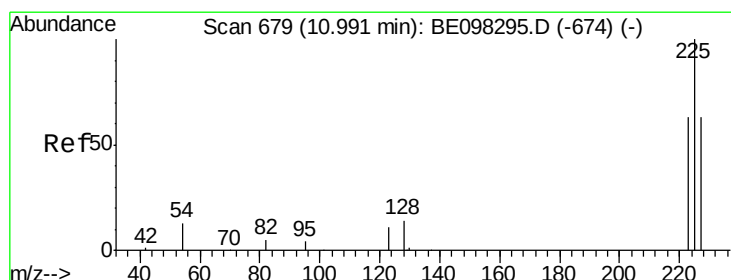
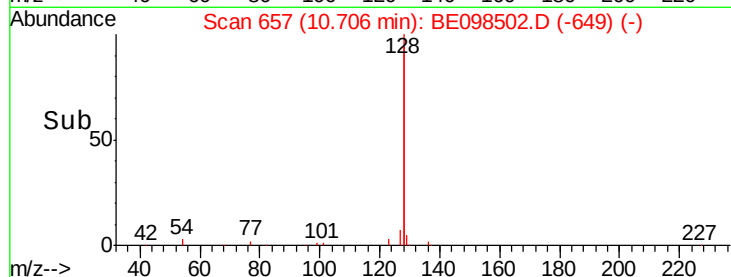
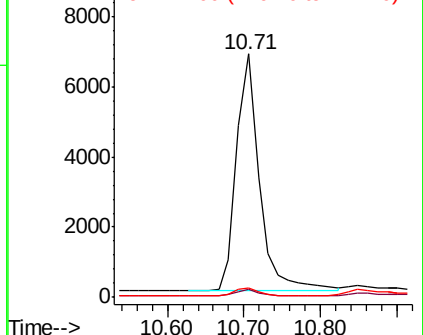
127 4.1 2.7 4.1#



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

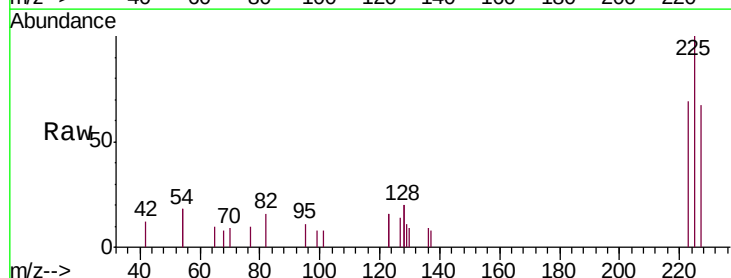
Tgt Ion:225 Resp: 1035

Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.0

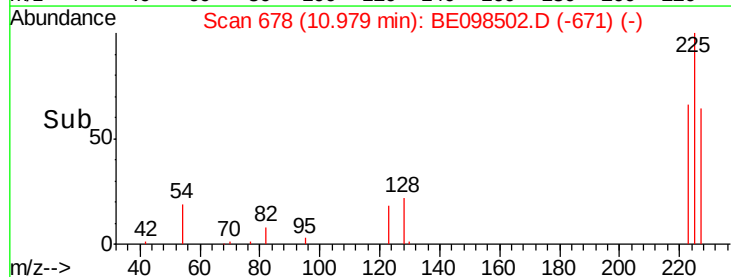
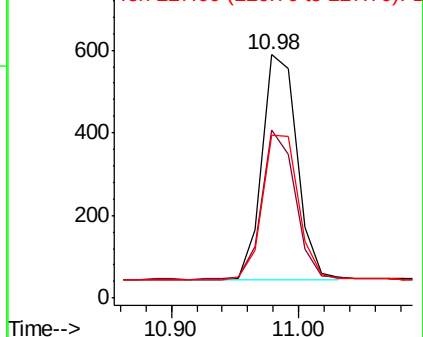
227 66.5 52.0 78.0

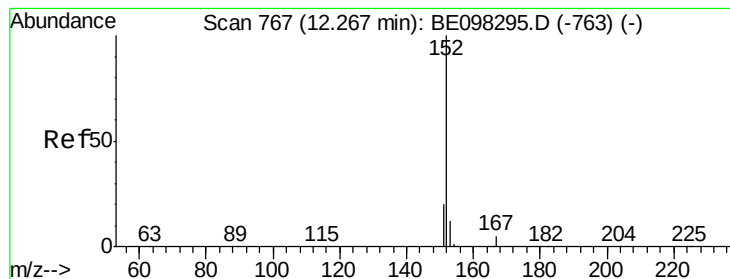


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

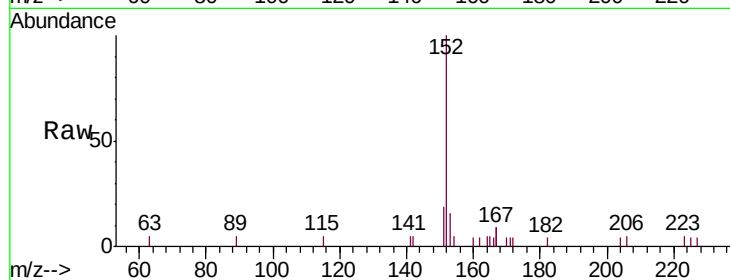
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2248

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

400

200

0

12.20

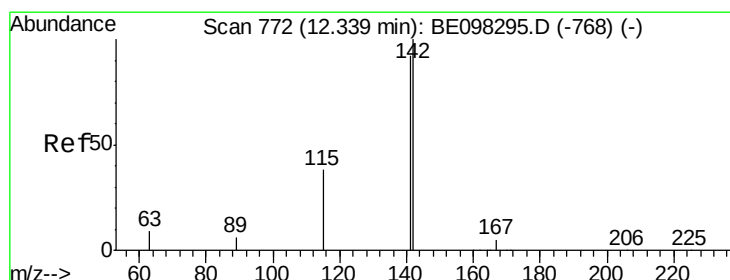
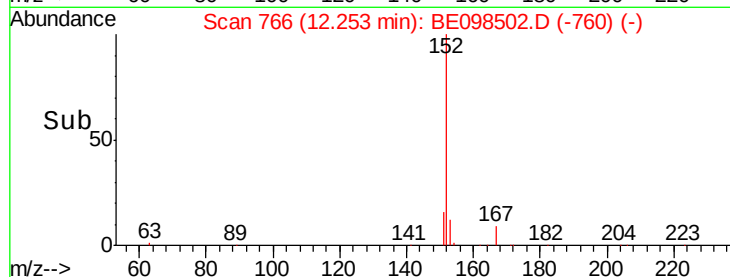
12.25

12.30

12.35

12.40

Time-->



#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

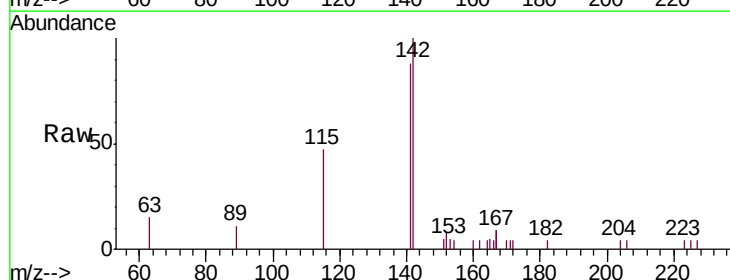
Tgt Ion:142 Resp: 2228

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

115 46.8 32.2 48.2



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

1500

1000

500

0

12.20

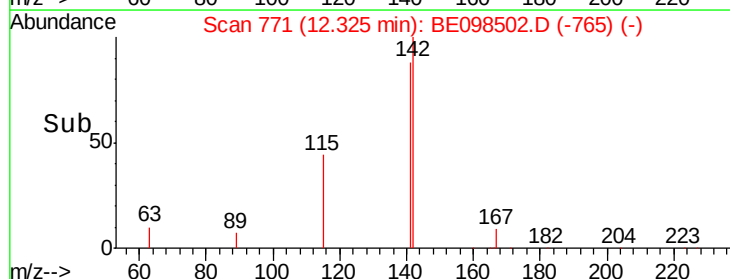
12.30

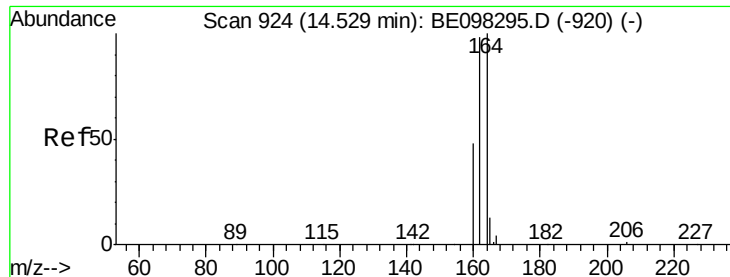
12.32

12.35

12.40

Time-->





#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 :

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ClientSampleId :

SSTDCCC0.4EC

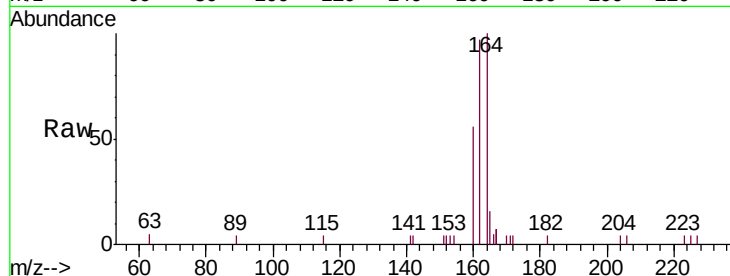
Tgt Ion:164 Resp: 2162

Ion Ratio Lower Upper

164 100

162 96.8 77.6 116.4

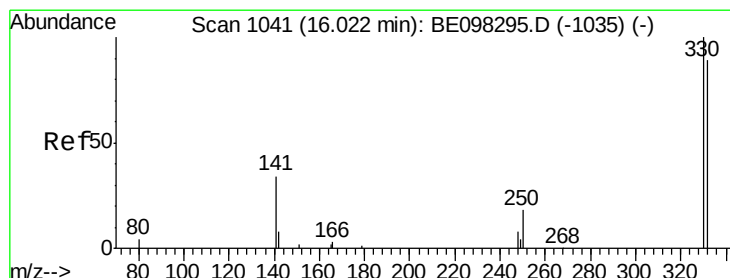
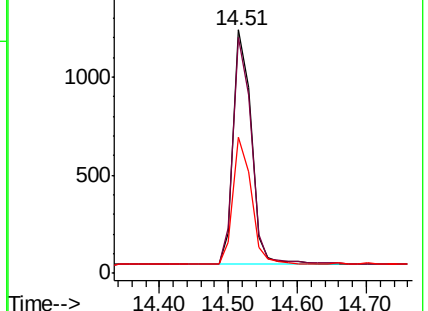
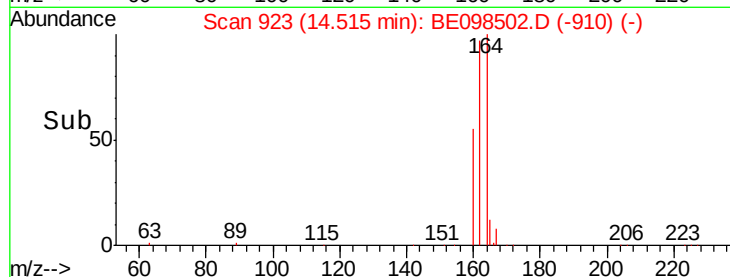
160 56.1 36.0 54.0#



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

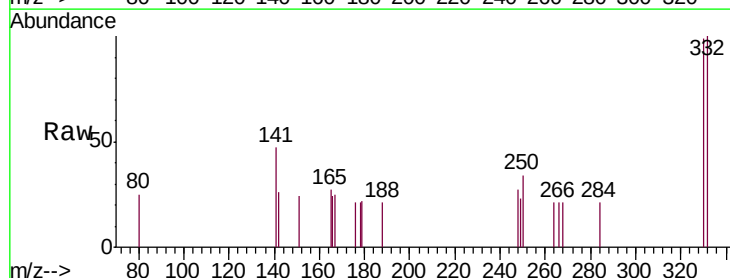
Tgt Ion:330 Resp: 404

Ion Ratio Lower Upper

330 100

332 93.6 76.2 114.4

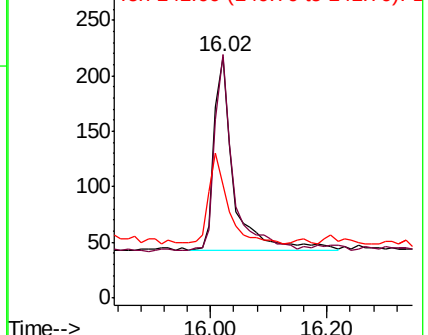
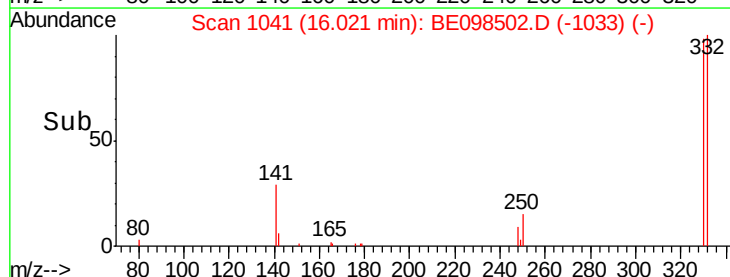
141 47.0 39.0 58.4

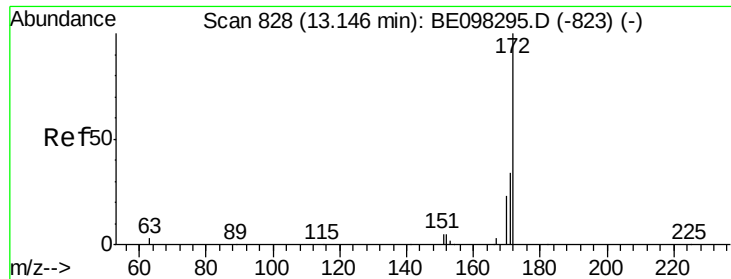


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

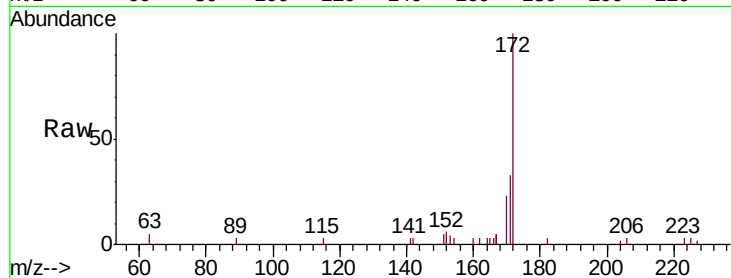




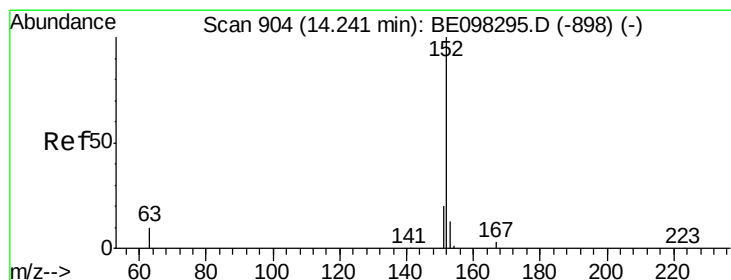
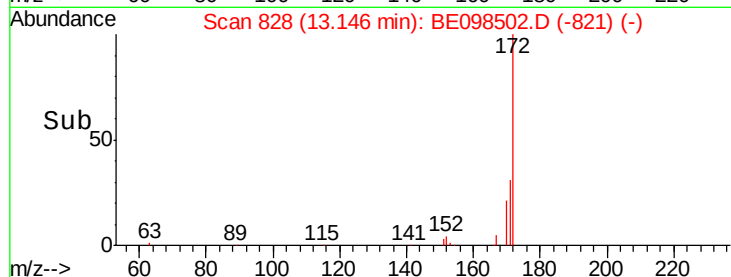
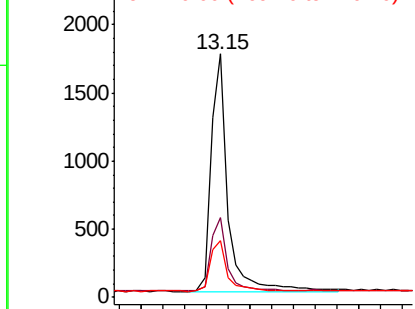
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3743
Ion Ratio Lower Upper
172 100
171 32.5 27.5 41.3
170 23.2 19.6 29.4

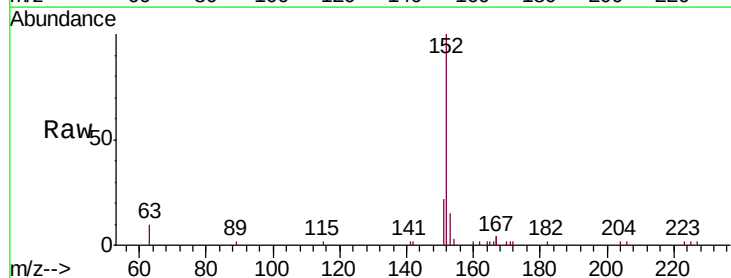


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

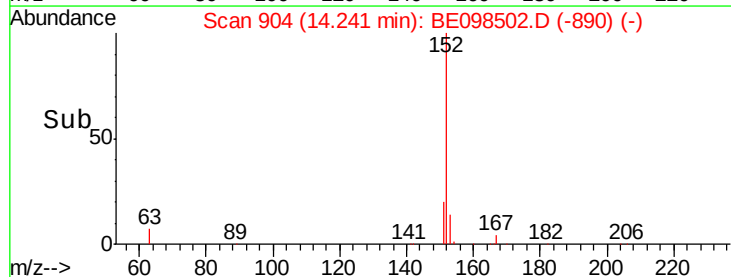
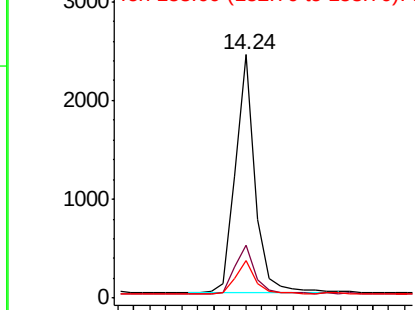


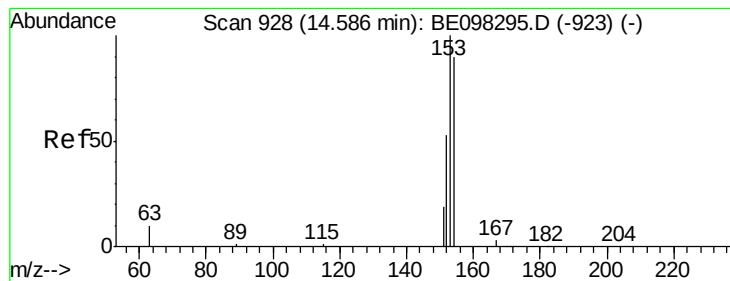
#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098502.D
Acq: 16 Dec 2018 11:08

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

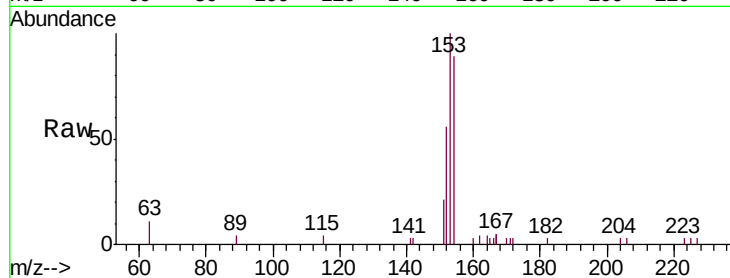
Tgt Ion:154 Resp: 2483

Ion Ratio Lower Upper

154 100

153 117.2 91.8 137.6

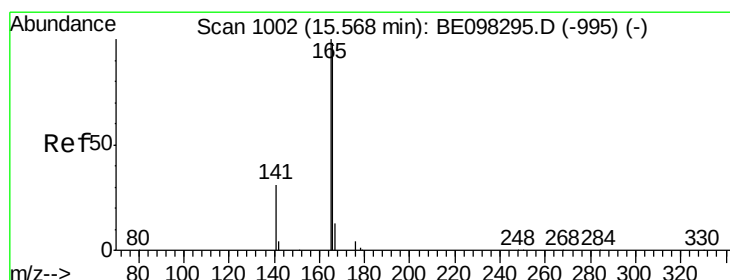
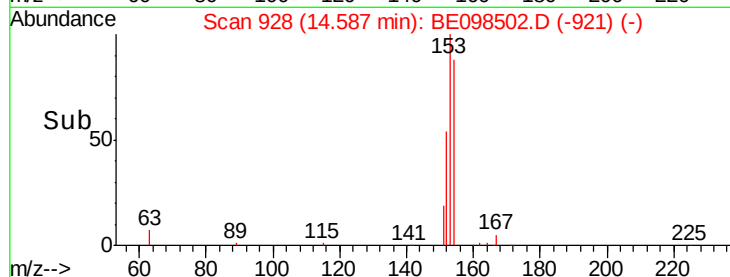
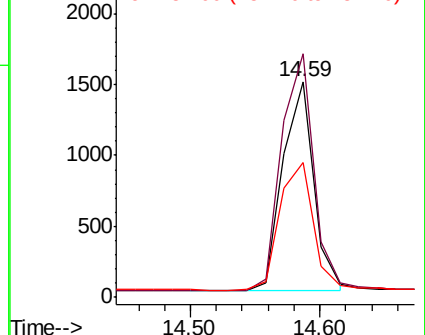
152 66.4 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.415 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098502.D

Acq: 16 Dec 2018 11:08

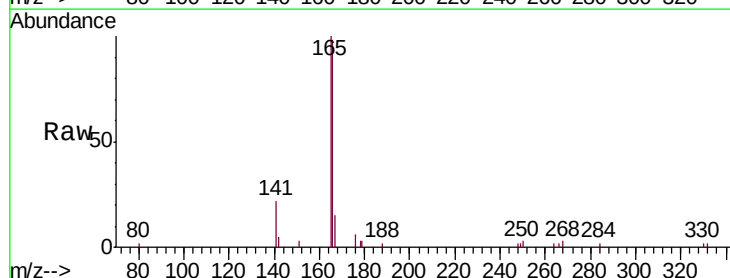
Tgt Ion:166 Resp: 3379

Ion Ratio Lower Upper

166 100

165 103.5 79.3 118.9

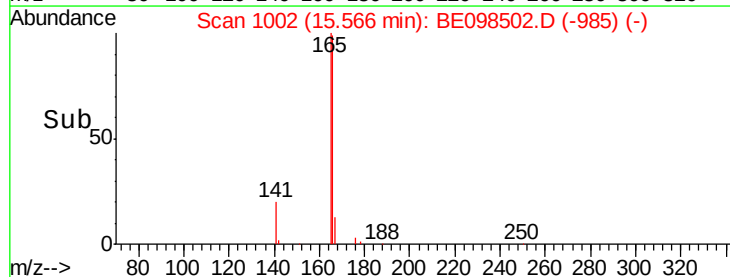
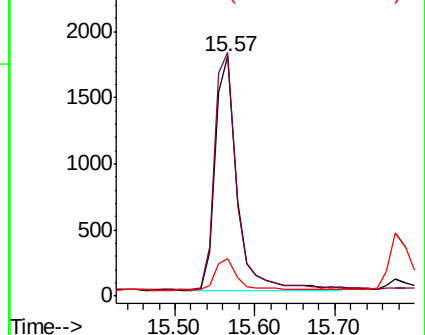
167 13.6 11.3 16.9

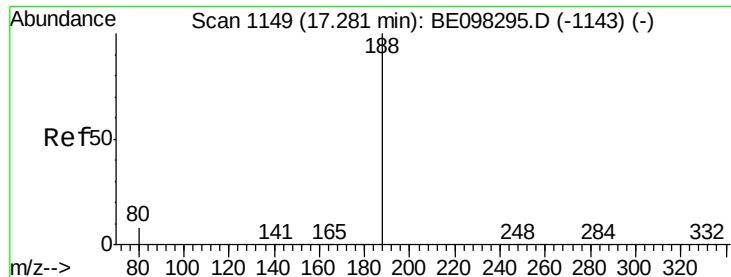


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 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

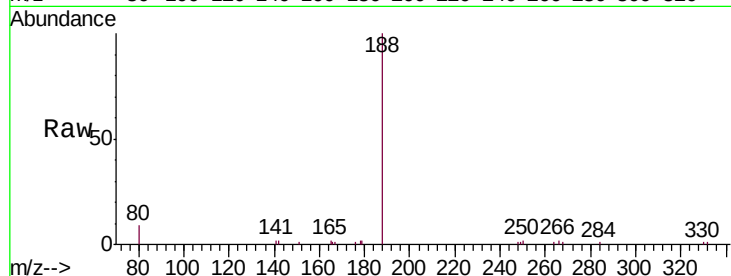
Tgt Ion:188 Resp: 5739

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

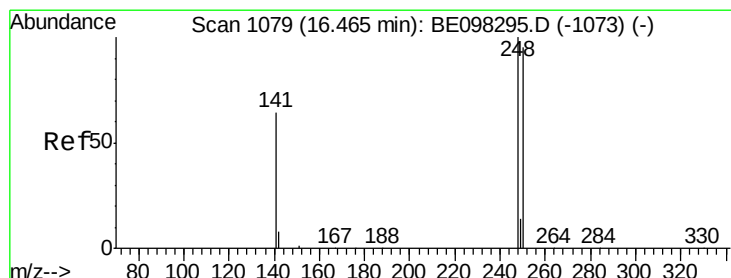
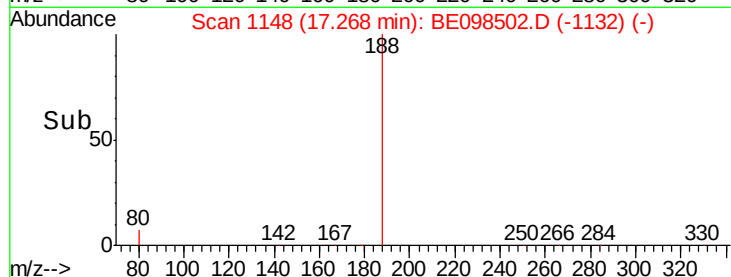
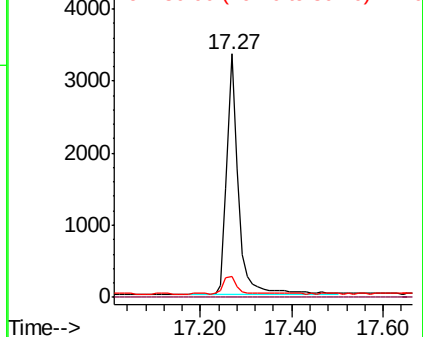
80 8.7 7.2 10.8



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

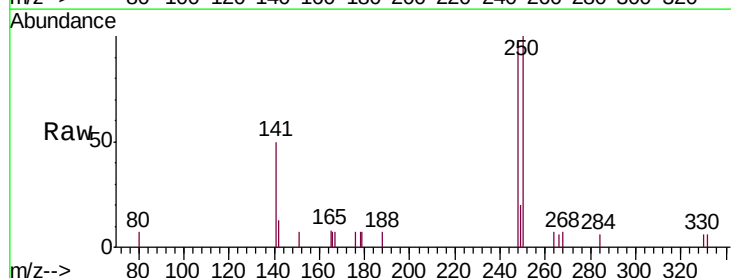
Tgt Ion:248 Resp: 1233

Ion Ratio Lower Upper

248 100

250 103.2 71.0 106.6

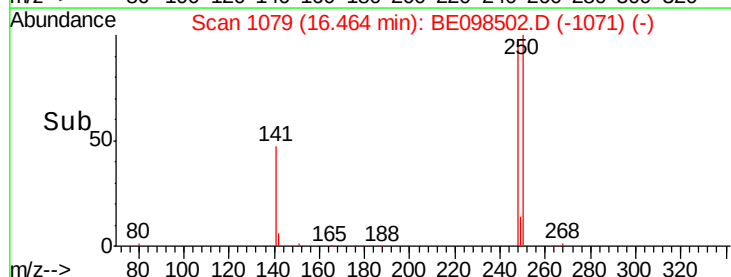
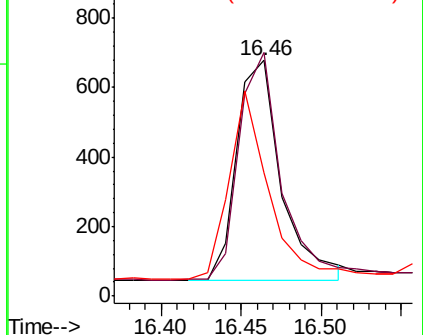
141 52.1 62.1 93.1#

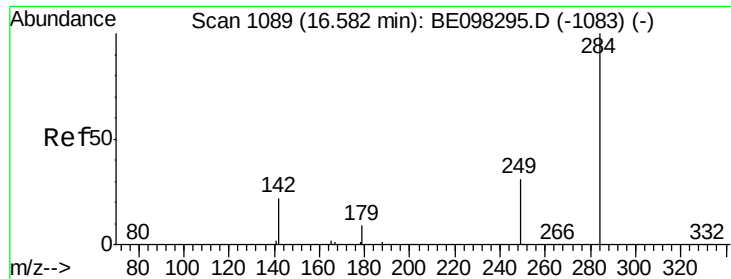


Abundance Ion 248.00 (247.70 to 248.70): E

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

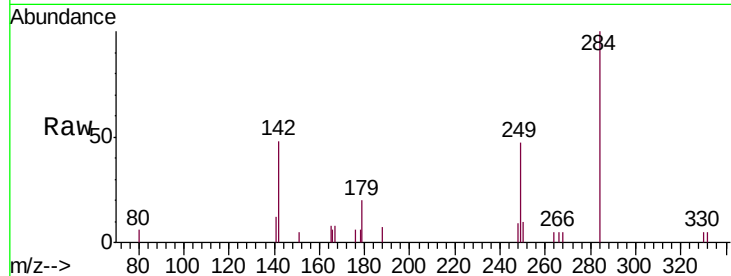
Tgt Ion:284 Resp: 1445

Ion Ratio Lower Upper

284 100

142 38.5 26.3 39.5

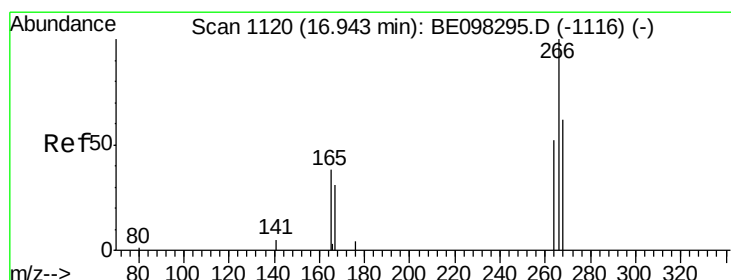
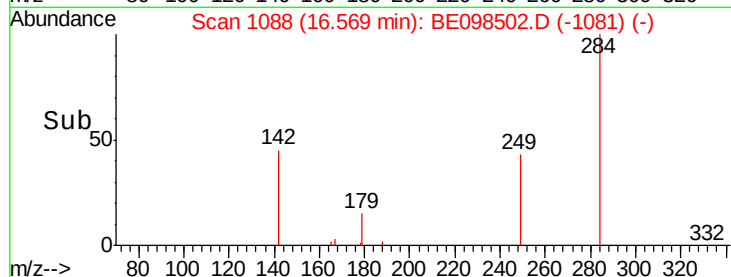
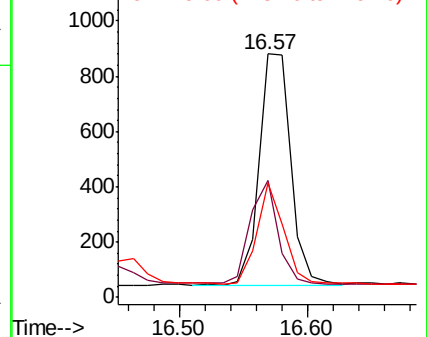
249 36.3 26.0 39.0



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

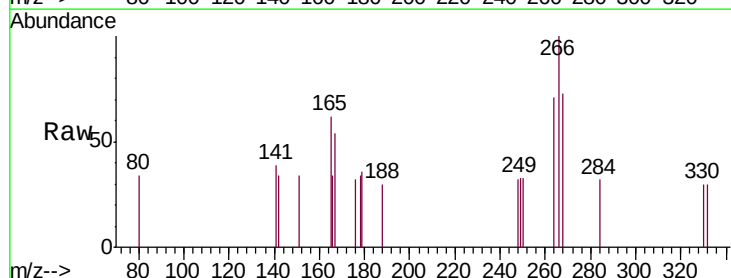
Tgt Ion:266 Resp: 324

Ion Ratio Lower Upper

266 100

264 70.5 59.0 88.4

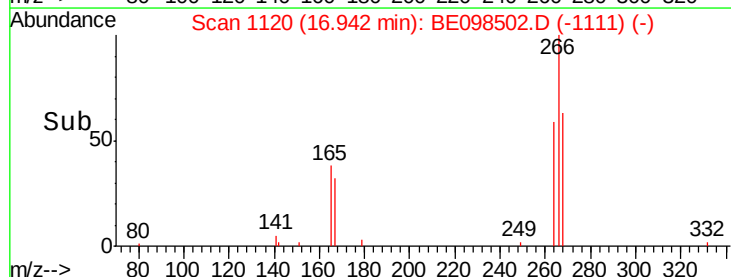
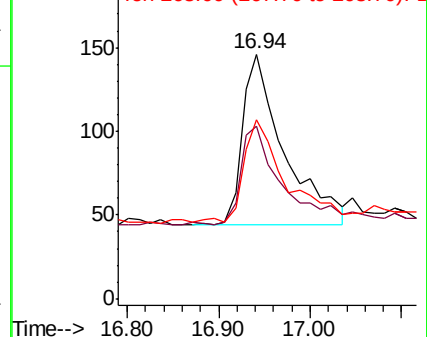
268 73.3 55.1 82.7

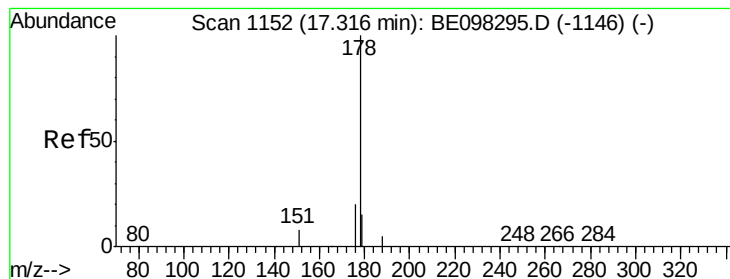


Abundance Ion 266.00 (265.70 to 266.70): E

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

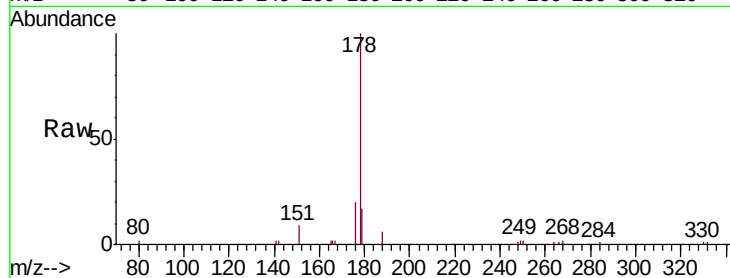
Tgt Ion:178 Resp: 5790

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

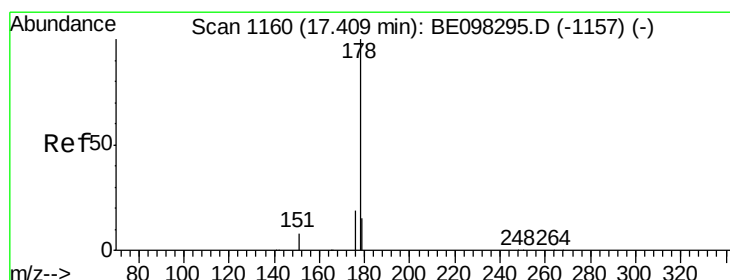
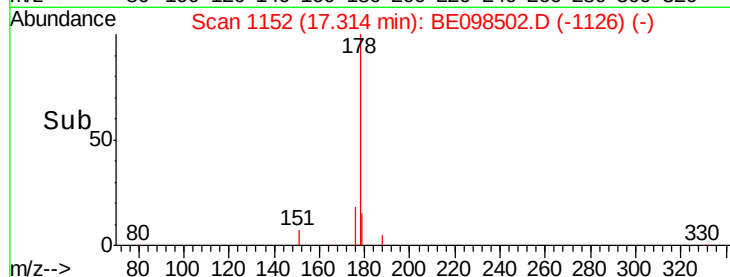
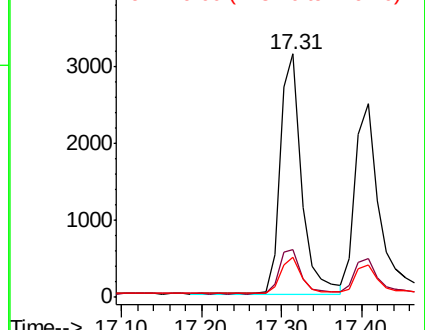
179 15.2 12.3 18.5



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

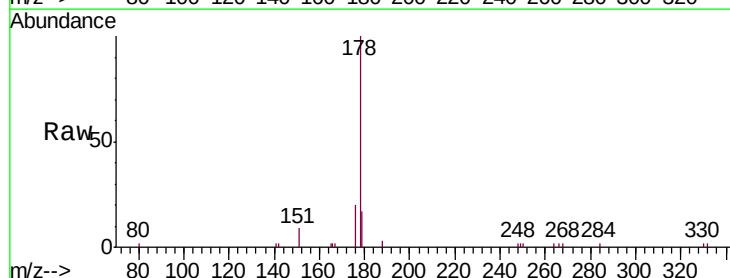
Tgt Ion:178 Resp: 4730

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

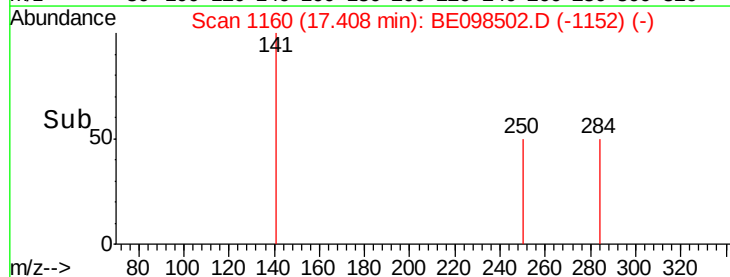
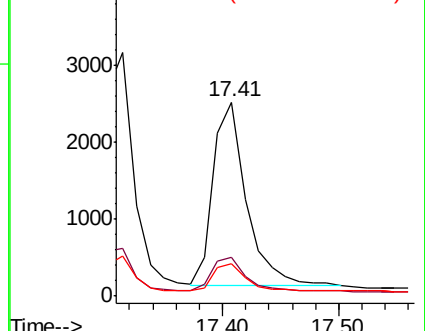
179 15.3 12.3 18.5

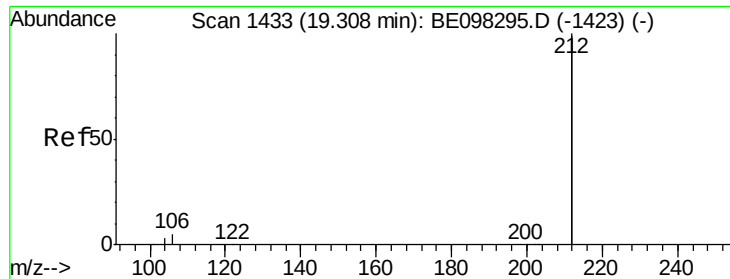


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

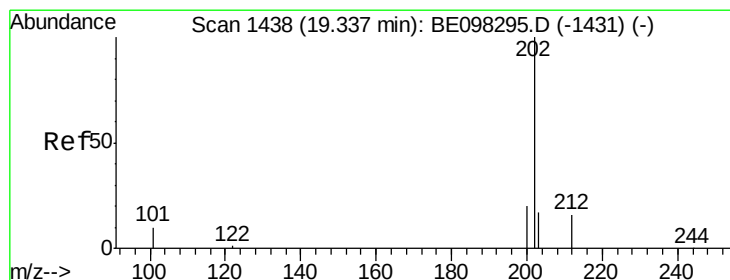
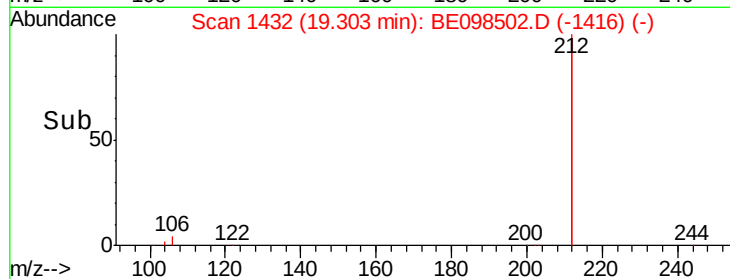
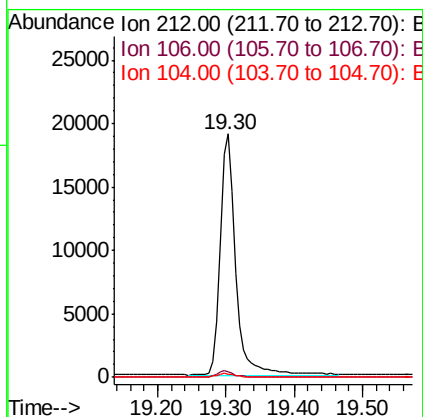
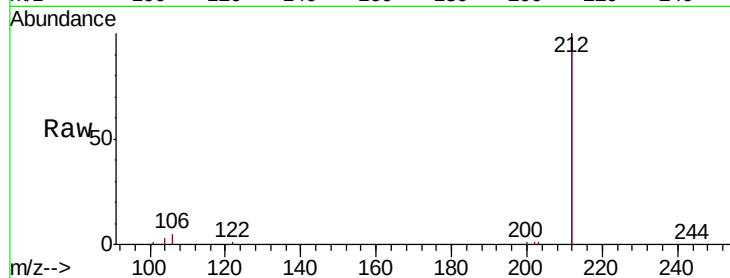




#25
 Fluoranthene-d10
 Concen: 0.415 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098502.D
 Acq: 16 Dec 2018 11:08

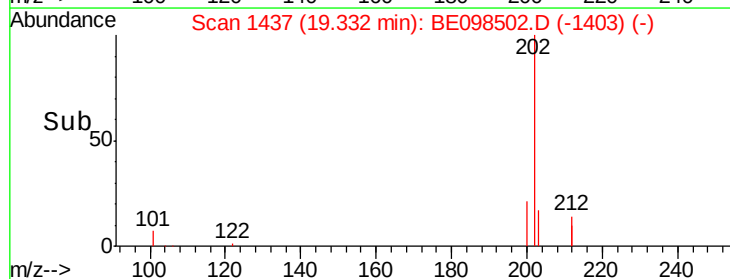
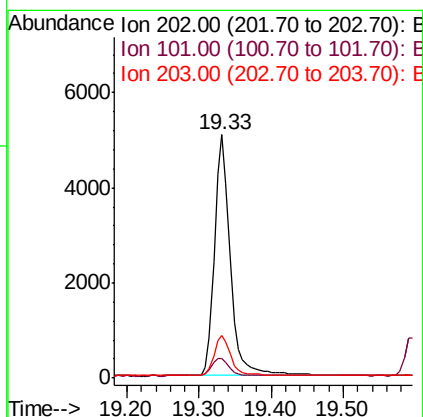
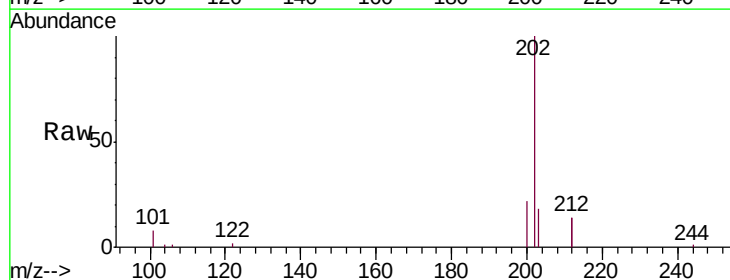
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

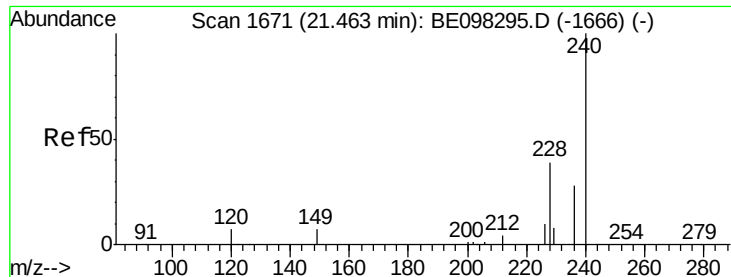
Tgt Ion: 212 Resp: 30559
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 1.3 1.9#



#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

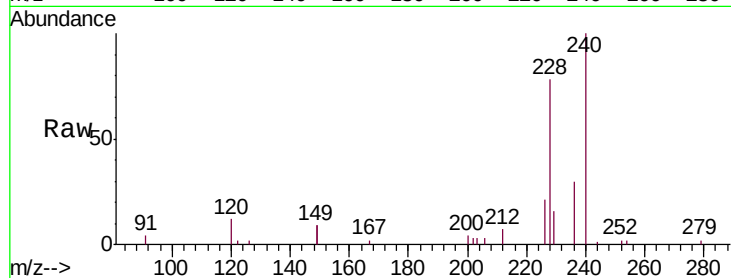
Tgt Ion:240 Resp: 6955

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

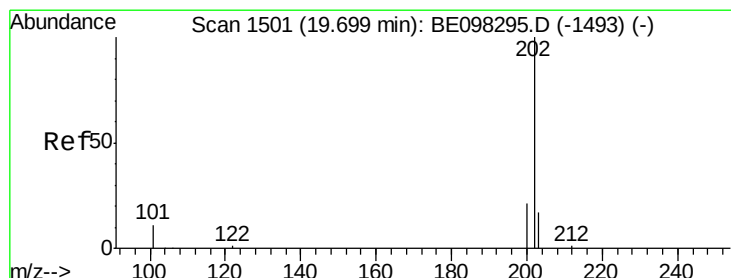
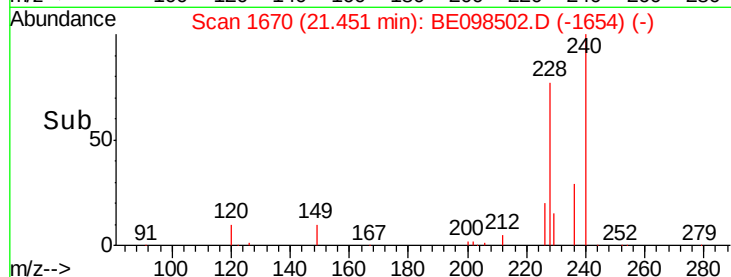
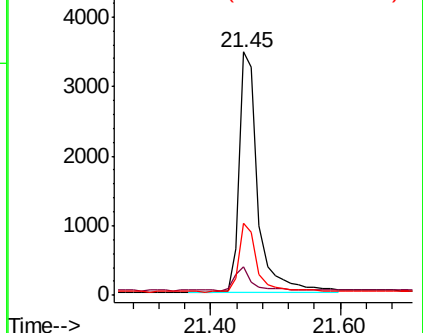
236 29.8 22.7 34.1



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

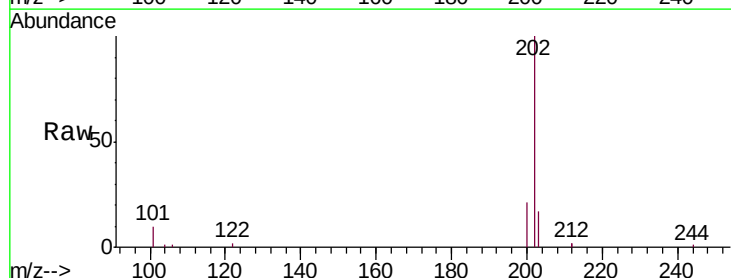
Tgt Ion:202 Resp: 8516

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

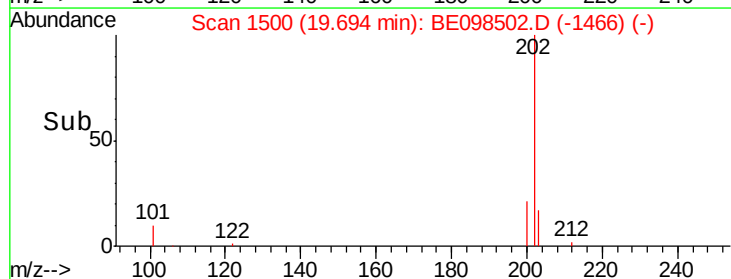
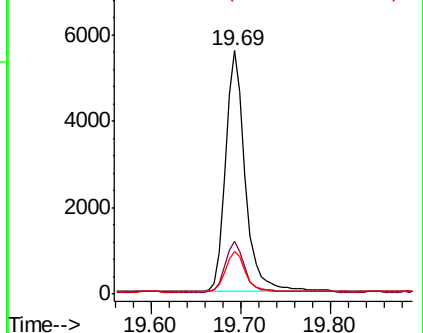
203 16.8 14.1 21.1

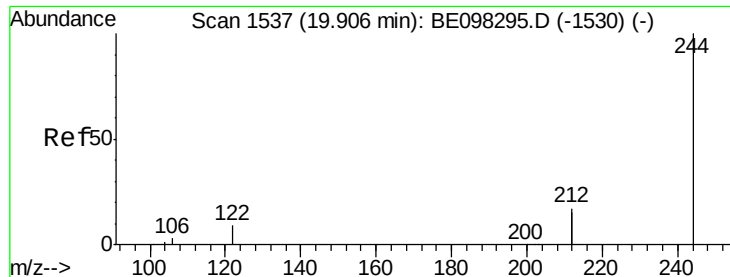


Abundance Ion 202.00 (201.70 to 202.70): E

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

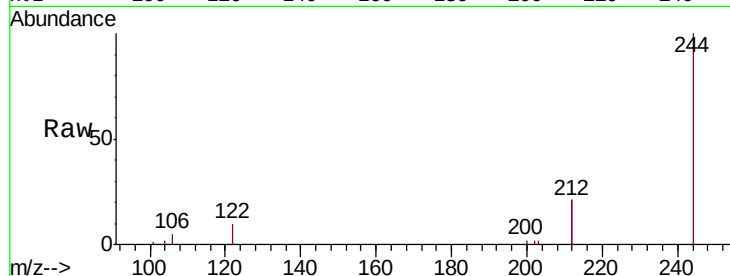
Tgt Ion:244 Resp: 5784

Ion Ratio Lower Upper

244 100

212 41.7 27.4 41.0#

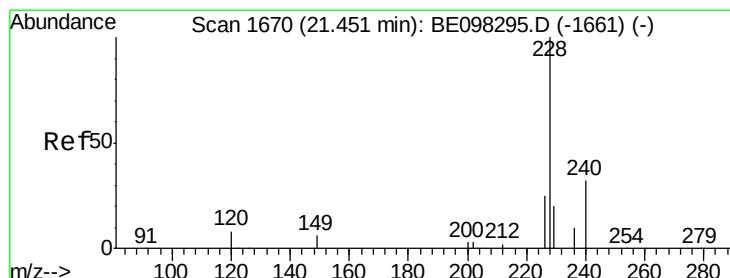
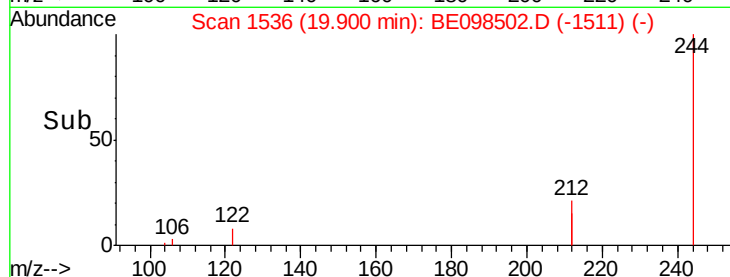
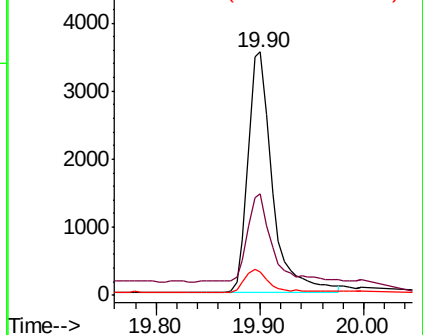
122 9.6 8.3 12.5



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

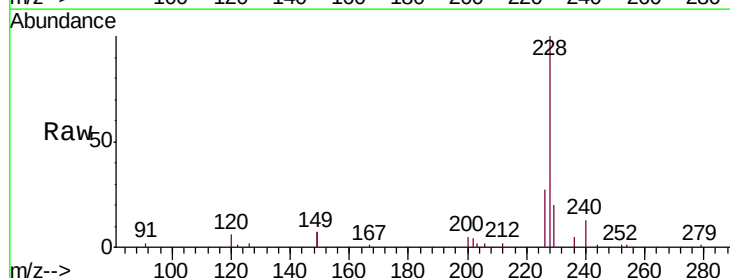
Tgt Ion:228 Resp: 7669

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

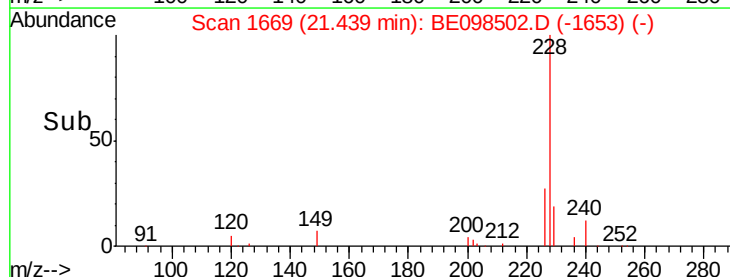
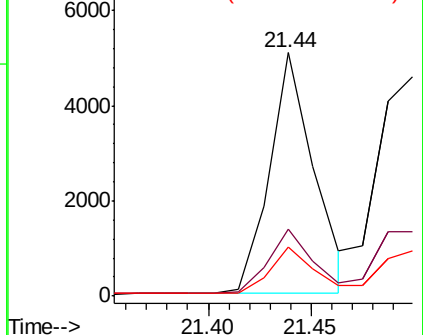
229 20.1 16.3 24.5

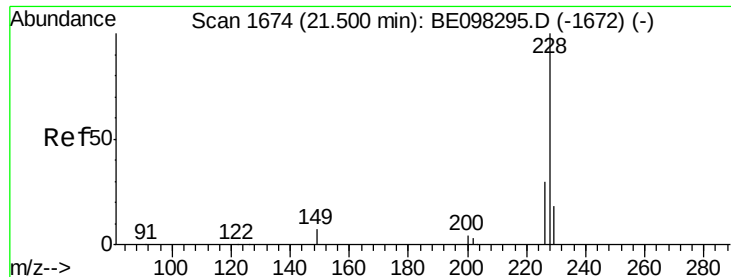


Abundance Ion 228.00 (227.70 to 228.70): E

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

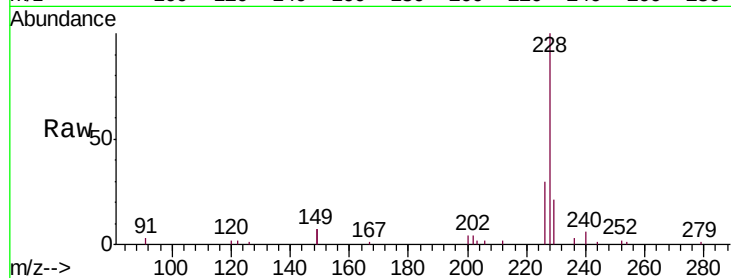
Tgt Ion:228 Resp: 8762

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

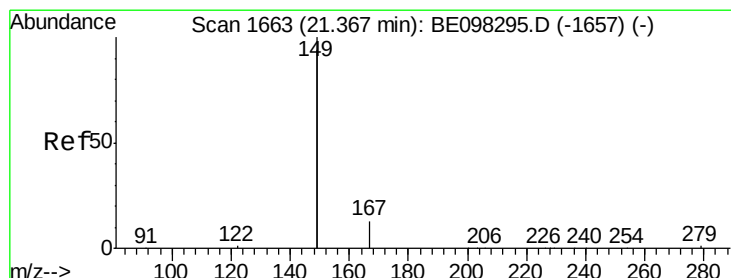
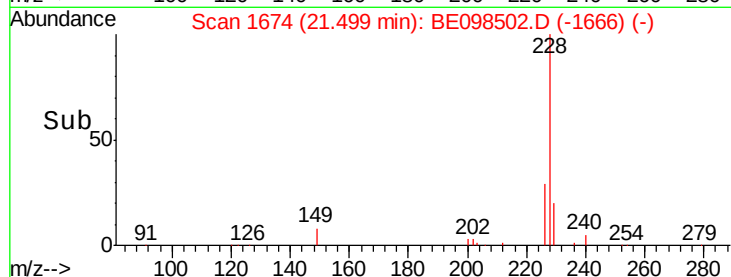
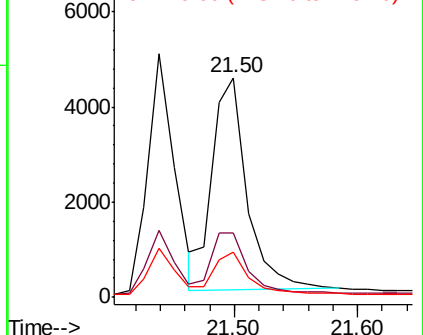
229 20.7 16.2 24.4



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

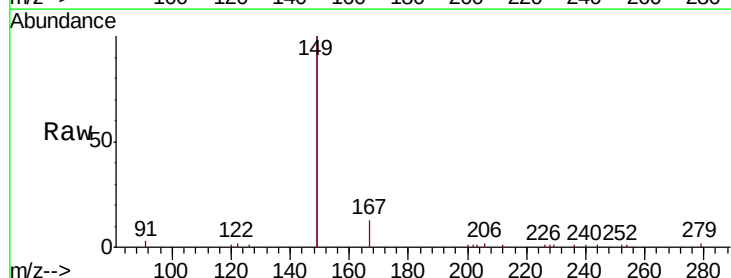
Tgt Ion:149 Resp: 12365

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

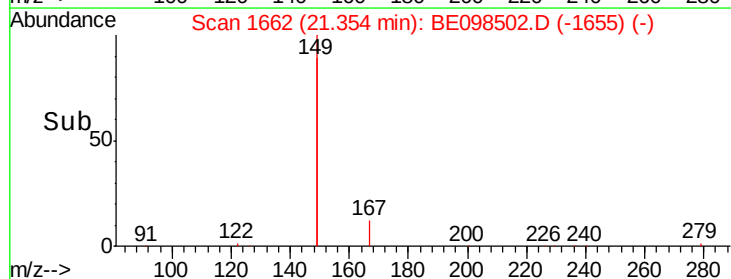
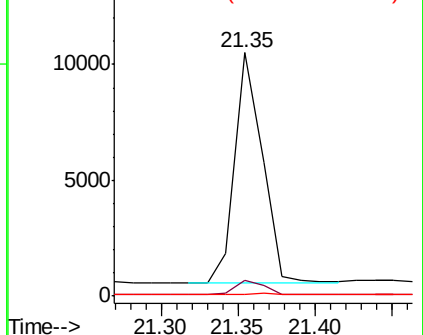
279 1.1 1.0 1.4

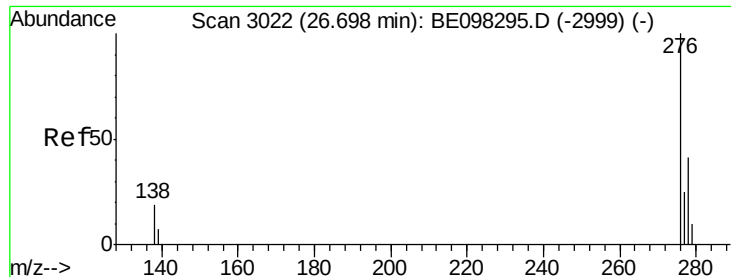


Abundance Ion 149.00 (148.70 to 149.70): E

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

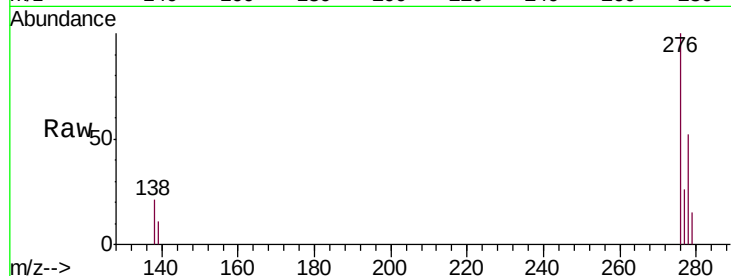
Tgt Ion:276 Resp: 8905

Ion Ratio Lower Upper

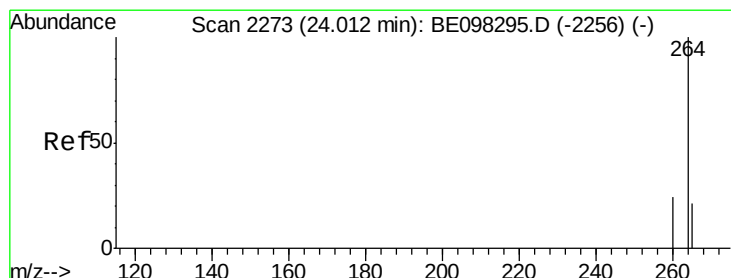
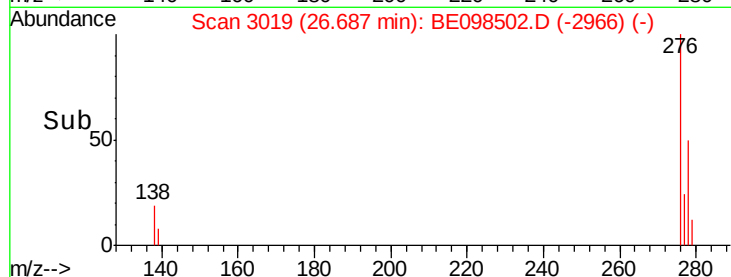
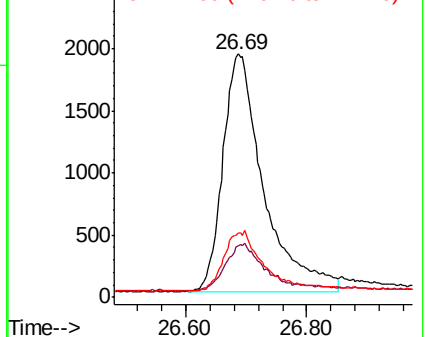
276 100

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

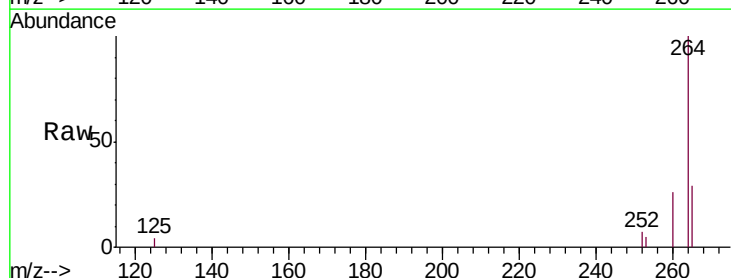
Tgt Ion:264 Resp: 6604

Ion Ratio Lower Upper

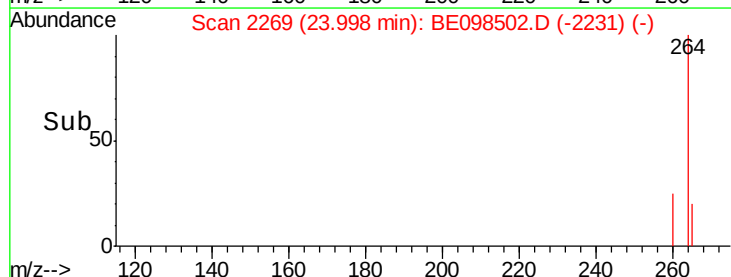
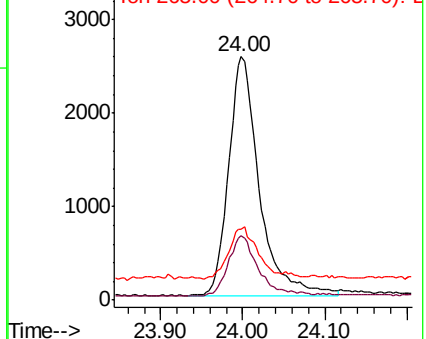
264 100

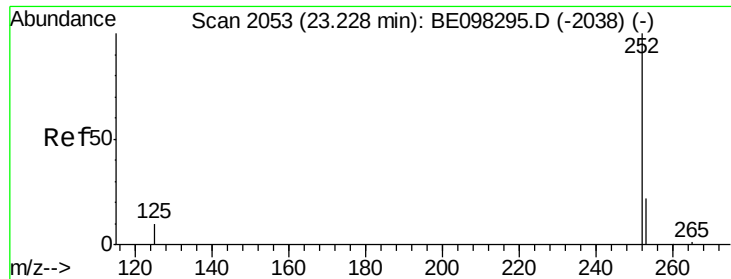
260 26.4 20.2 30.2

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

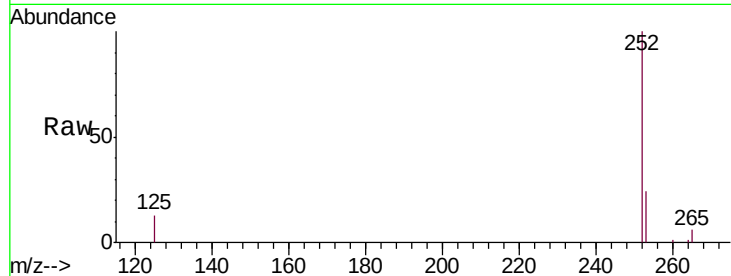
Tgt Ion:252 Resp: 7613

Ion Ratio Lower Upper

252 100

253 24.2 20.0 30.0

125 13.0 9.6 14.4

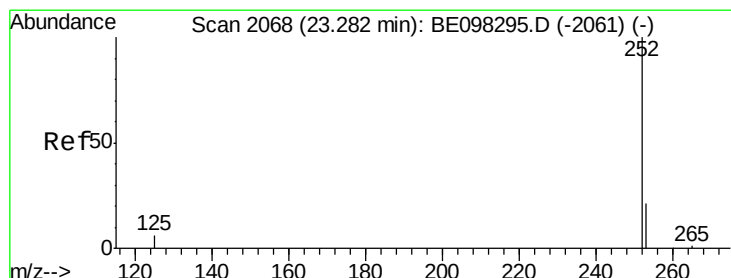
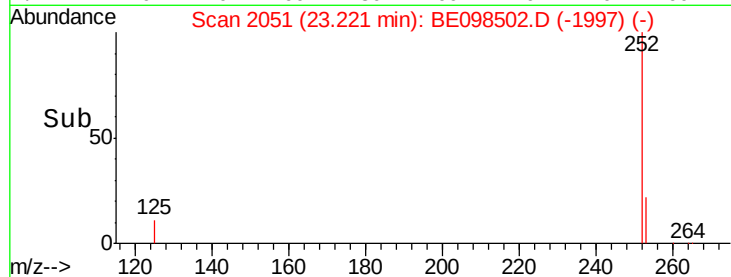
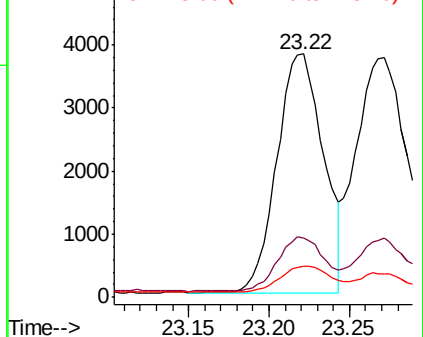


Abundance

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



#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

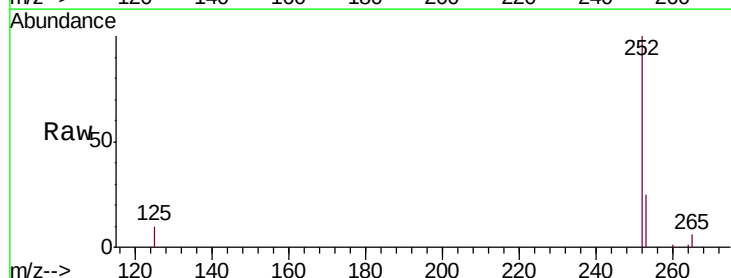
Tgt Ion:252 Resp: 8980

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.6

125 10.0 9.1 13.7

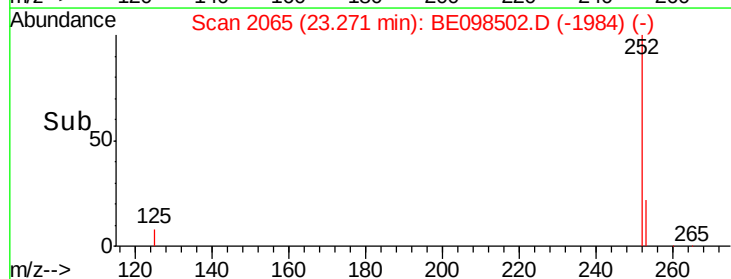
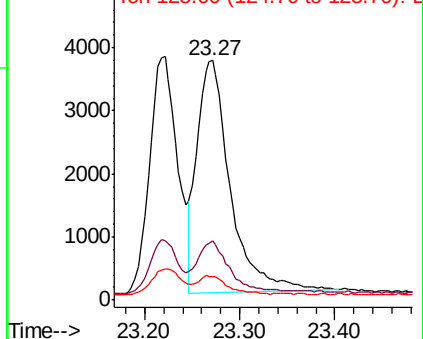


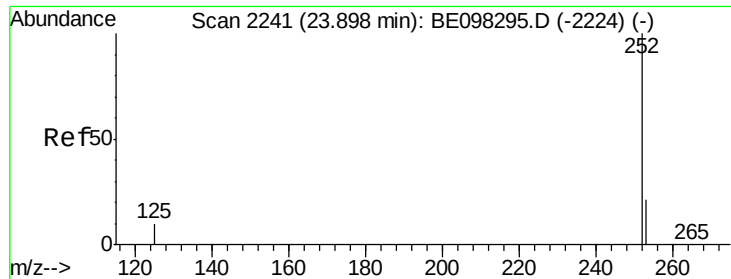
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.426 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

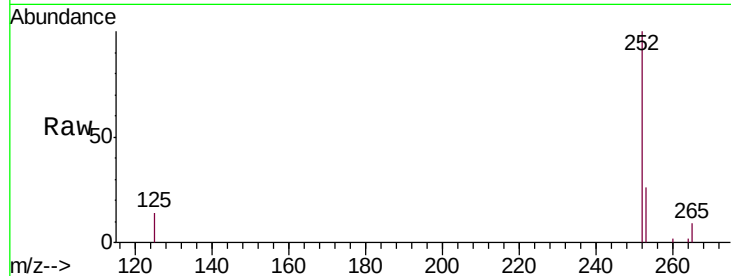
Tgt Ion:252 Resp: 7944

Ion Ratio Lower Upper

252 100

253 25.9 20.6 30.8

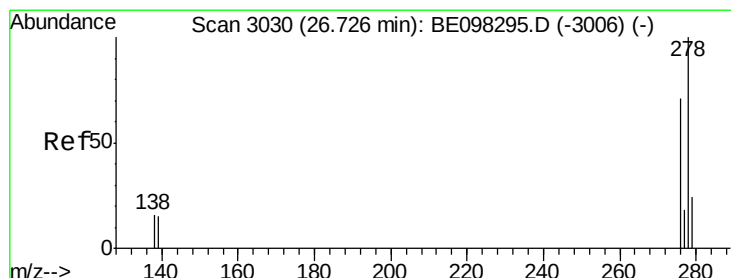
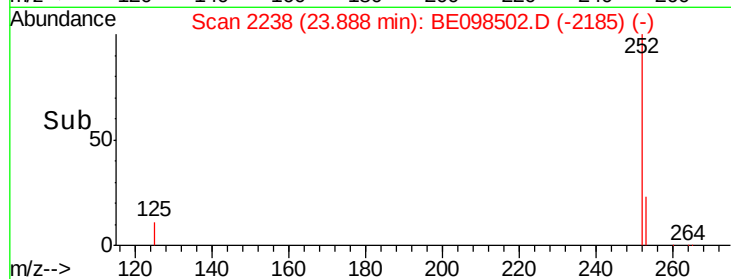
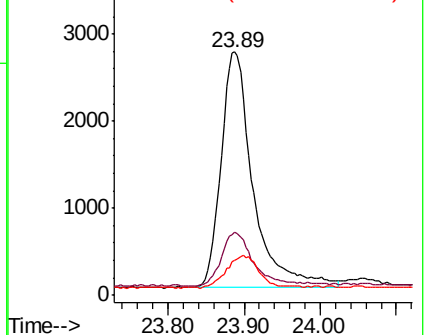
125 14.3 10.5 15.7



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

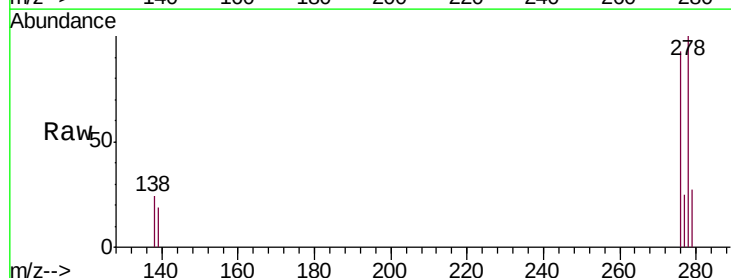
Tgt Ion:278 Resp: 7108

Ion Ratio Lower Upper

278 100

139 19.5 14.5 21.7

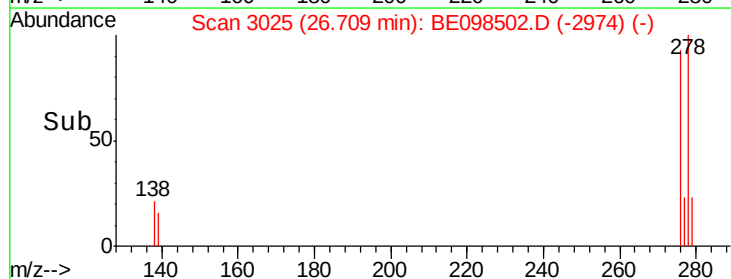
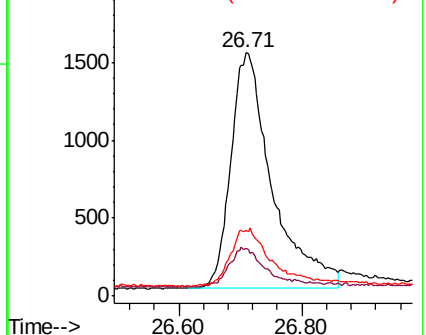
279 26.8 21.8 32.8

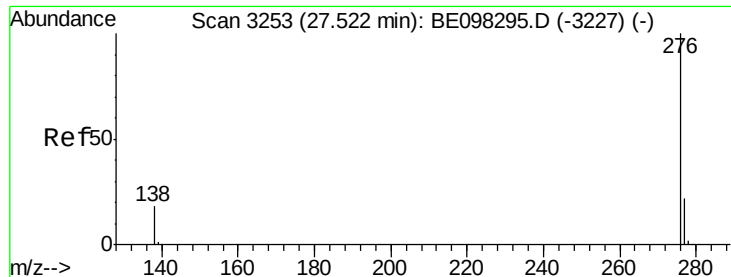


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.439 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098502.D

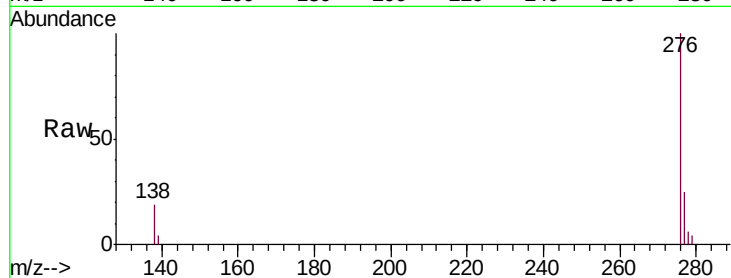
Acq: 16 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt 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

