

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098466.D
 Acq On : 15 Dec 2018 11:08
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 16 00:52:23 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	1815	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	7624	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	4834	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	12783	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	15626	0.40	ng	-0.01
34) Perylene-d12	23.99	264	15472	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1891	0.45	ng	0.00
5) Phenol-d6	7.04	99	2789	0.46	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2882	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	4663	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	820	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7329	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	63121	0.38	ng	0.00
29) Terphenyl-d14	19.90	244	12139	0.32	ng	-0.01

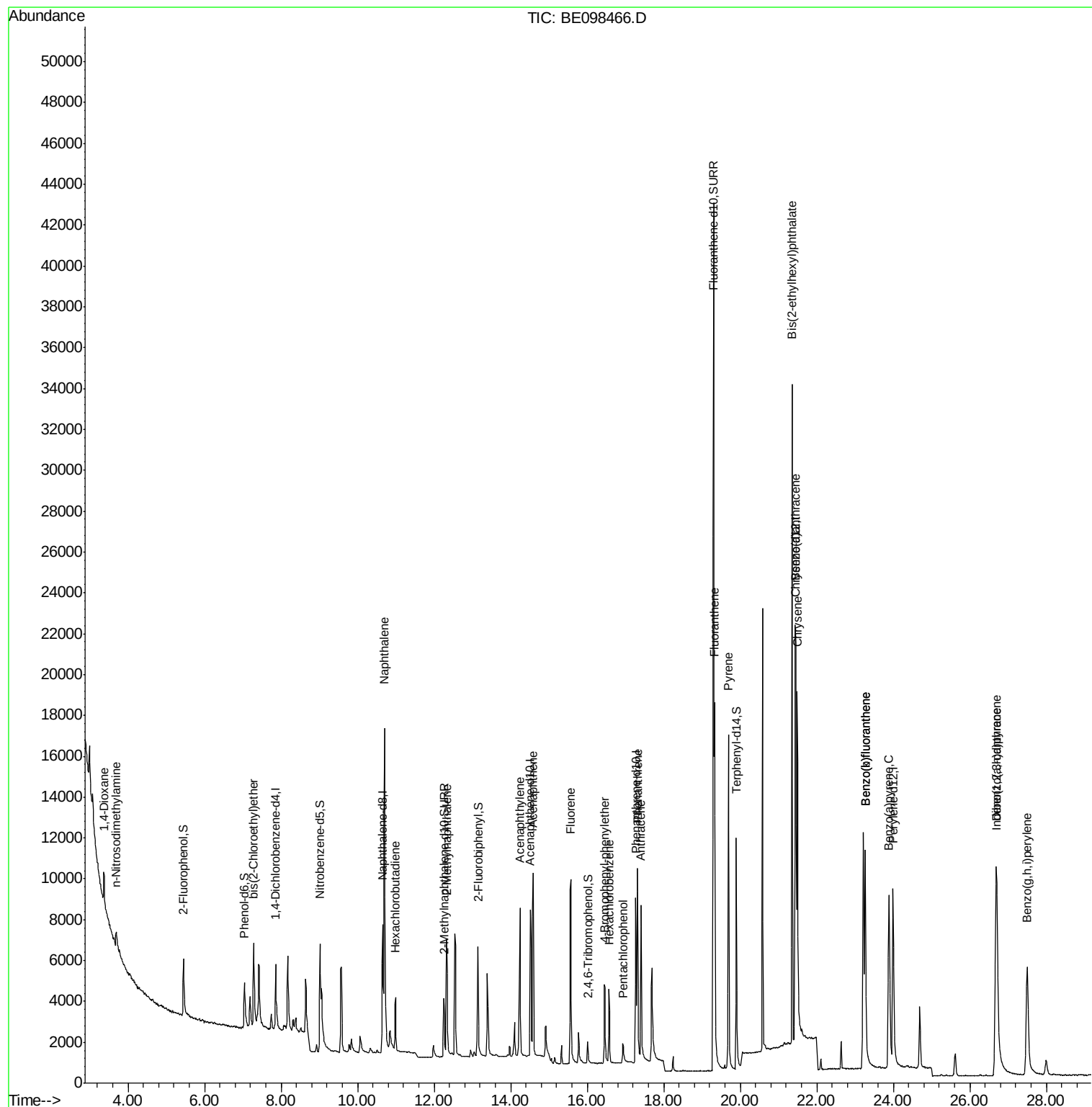
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	944	0.301	ng	# 91
3) n-Nitrosodimethylamine	3.70	42	953	0.337	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	2016	0.353	ng	96
9) Naphthalene	10.71	128	29593	0.386	ng	100
10) Hexachlorobutadiene	10.99	225	1967	0.403	ng	98
12) 2-Methylnaphthalene	12.32	142	4671	0.375	ng	98
16) Acenaphthylene	14.24	152	8725	0.385	ng	99
17) Acenaphthene	14.59	154	5106	0.375	ng	98
18) Fluorene	15.57	166	6950	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2585	0.376	ng	# 78
21) Hexachlorobenzene	16.57	284	2926	0.396	ng	96
22) Pentachlorophenol	16.93	266	809	0.629	ng	94
23) Phenanthrene	17.31	178	11877	0.382	ng	99
24) Anthracene	17.41	178	10204	0.368	ng	99
26) Fluoranthene	19.33	202	16027	0.390	ng	99
28) Pyrene	19.69	202	16793	0.343	ng	99
30) Benzo(a)anthracene	21.44	228	16306	0.366	ng	99
31) Chrysene	21.49	228	17890	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	34421	0.381	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	19042	0.411	ng	97
35) Benzo(b)fluoranthene	23.27	252	19200	0.454	ng	96
36) Benzo(k)fluoranthene	23.27	252	19683	0.399	ng	98
37) Benzo(a)pyrene	23.88	252	17142	0.393	ng	# 95
38) Dibenzo(a,h)anthracene	26.70	278	15450	0.376	ng	# 88
39) Benzo(g,h,i)perylene	27.49	276	15920	0.384	ng	98

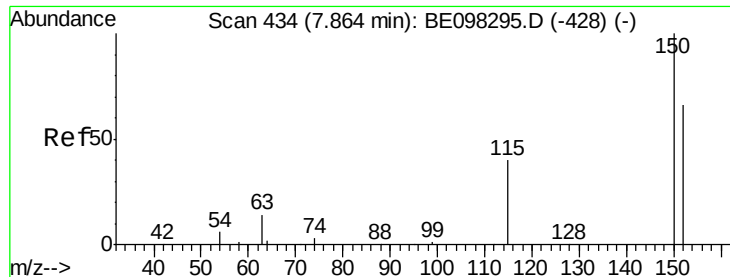
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

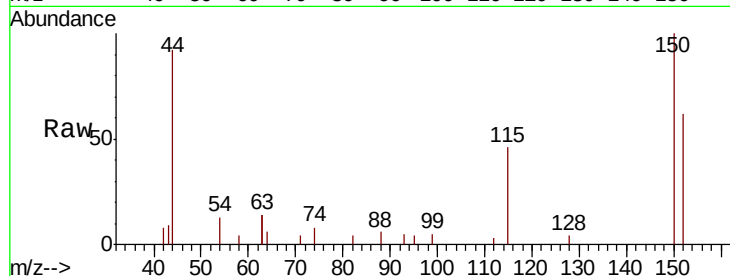
Tgt Ion:152 Resp: 1815

Ion Ratio Lower Upper

152 100

150 161.1 124.2 186.4

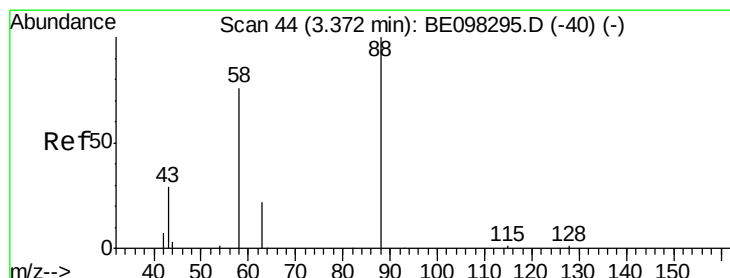
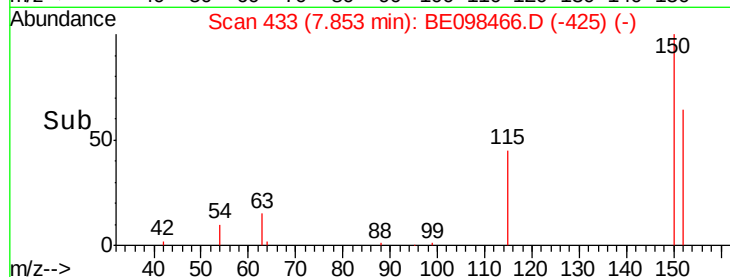
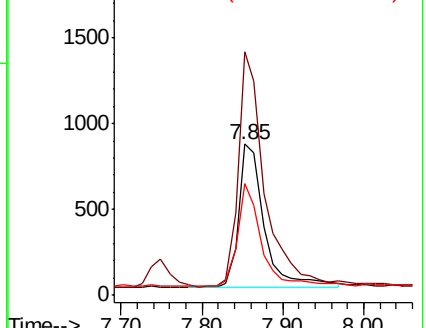
115 73.5 53.9 80.9



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: 0.301 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

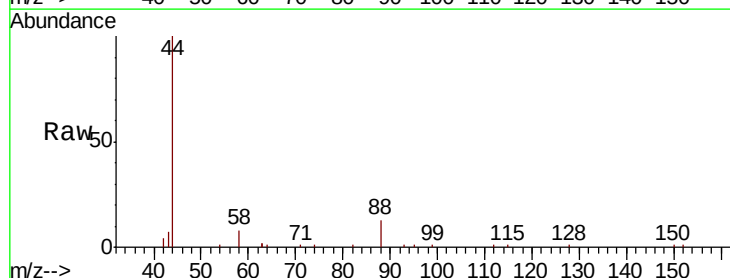
Tgt Ion: 88 Resp: 944

Ion Ratio Lower Upper

88 100

58 97.2 75.0 112.6

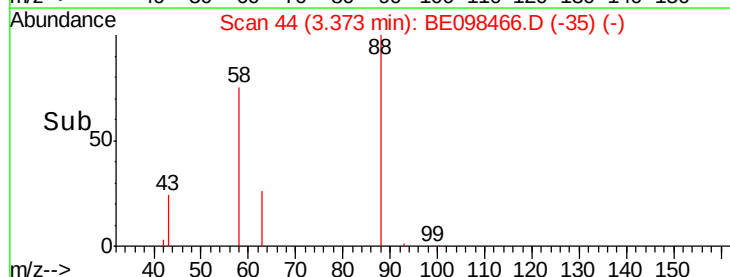
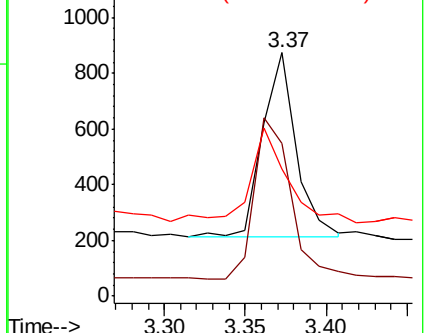
43 60.4 38.3 57.5#

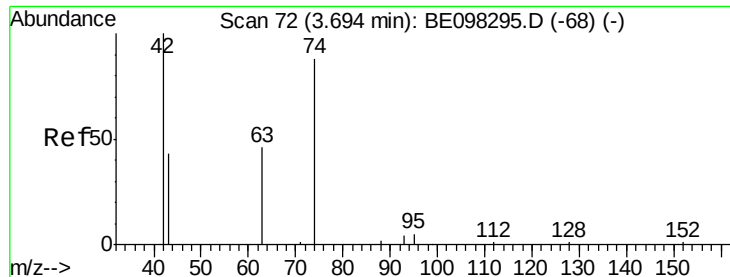


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.337 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

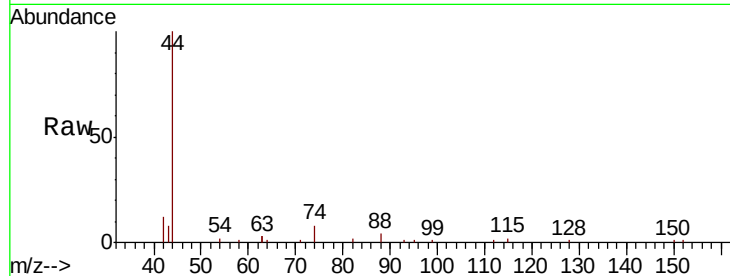
Tgt Ion: 42 Resp: 953

Ion Ratio Lower Upper

42 100

74 76.4 0.0 0.0#

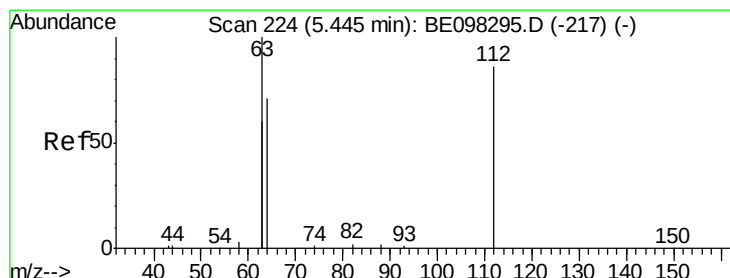
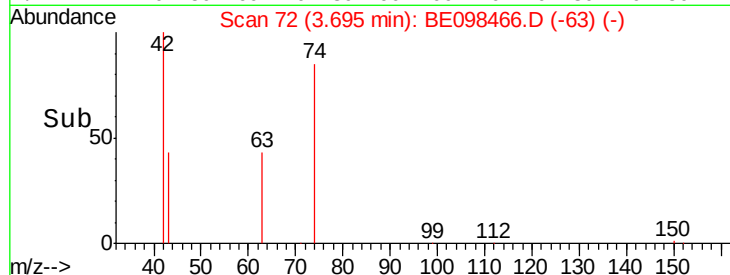
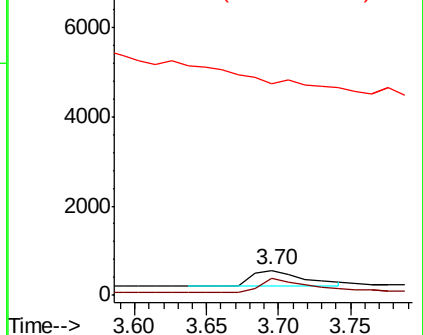
44 0.0 0.0 0.0



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: 0.445 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

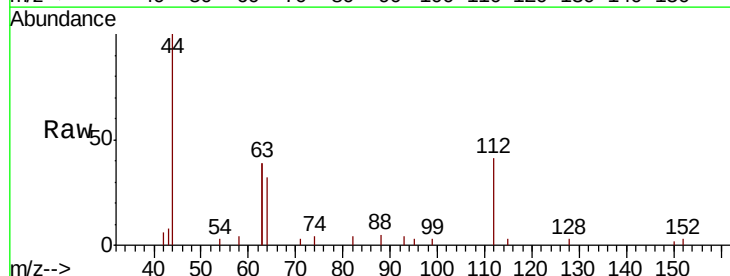
Tgt Ion: 112 Resp: 1891

Ion Ratio Lower Upper

112 100

64 73.8 59.8 89.8

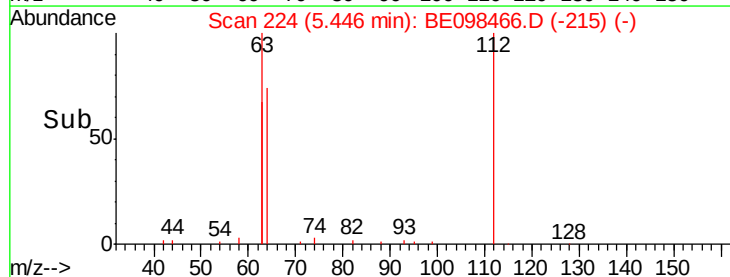
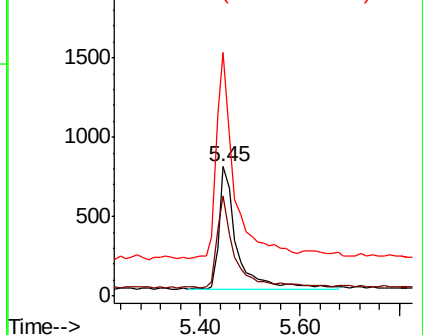
63 169.9 133.7 200.5

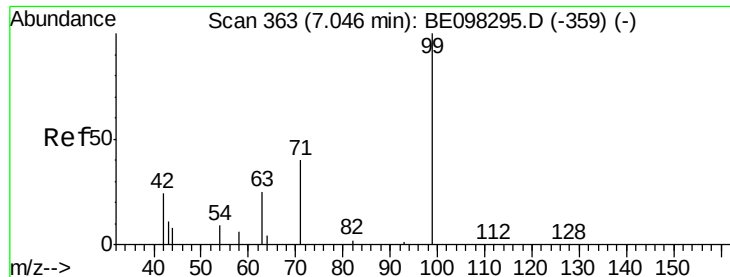


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.464 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

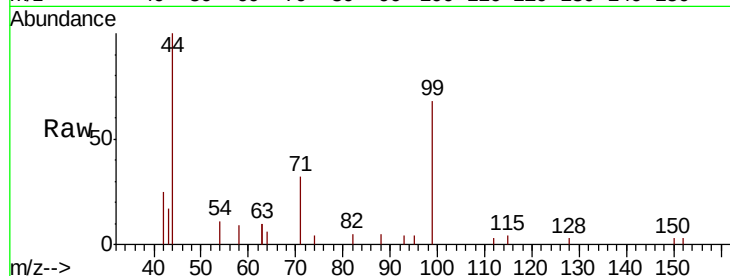
Tgt Ion: 99 Resp: 2789

Ion Ratio Lower Upper

99 100

42 30.1 26.3 39.5

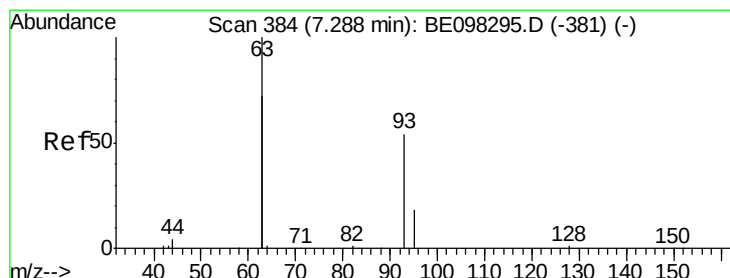
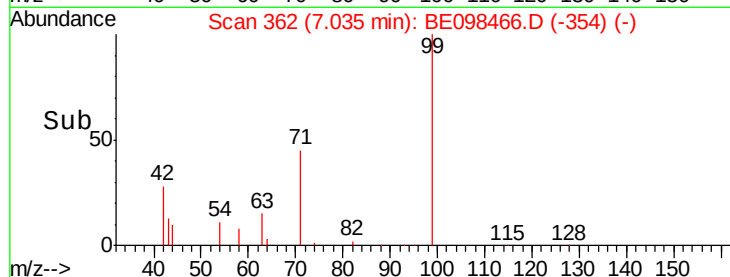
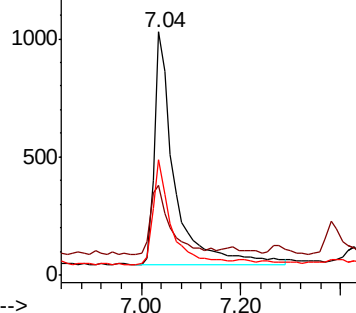
71 39.4 33.6 50.4



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: 0.353 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

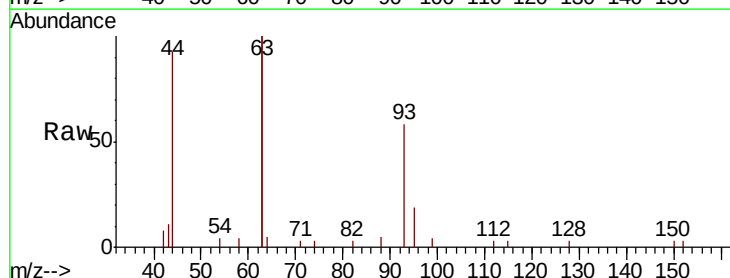
Tgt Ion: 93 Resp: 2016

Ion Ratio Lower Upper

93 100

63 322.8 264.4 396.6

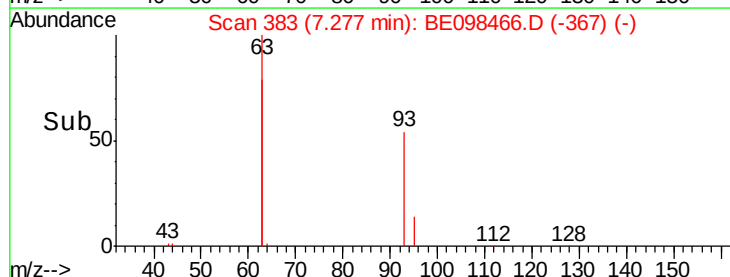
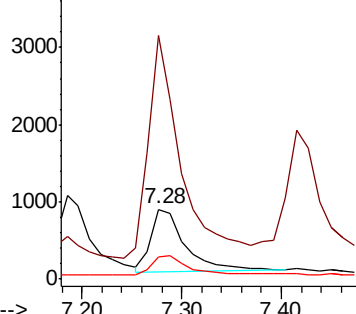
95 35.8 26.6 40.0

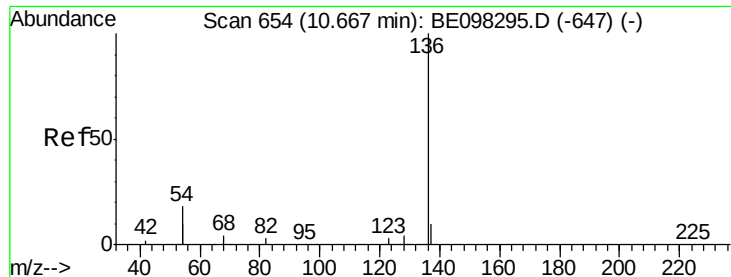


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 7624

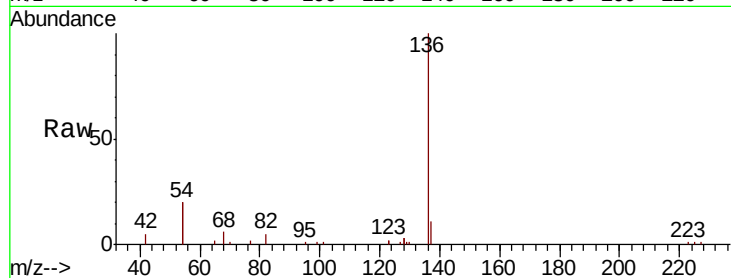
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 40.9 28.4 42.6

68 6.4 5.4 8.0

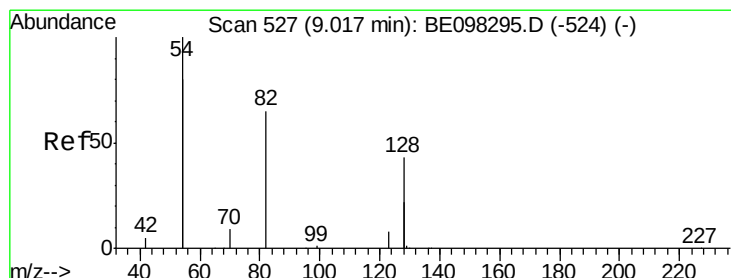
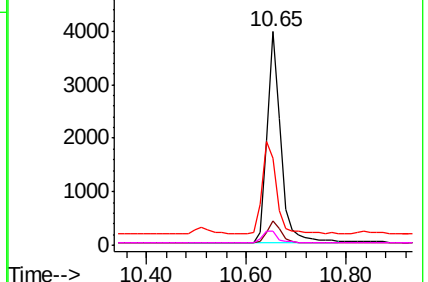
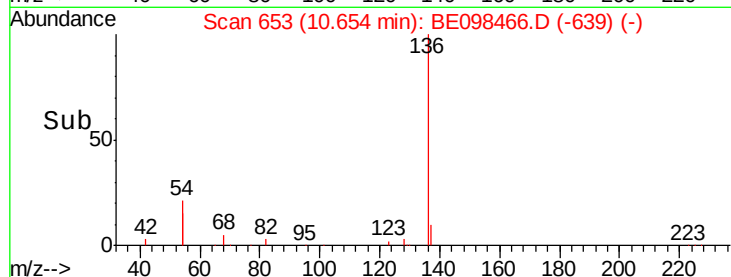


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

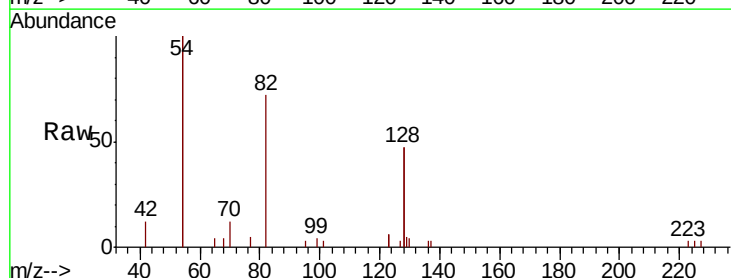
Tgt Ion: 82 Resp: 2882

Ion Ratio Lower Upper

82 100

128 128.8 102.4 153.6

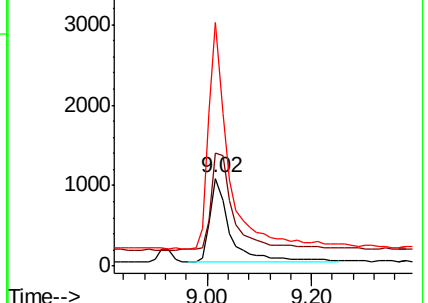
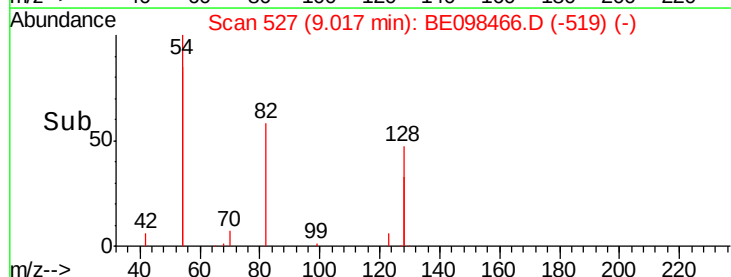
54 276.7 221.8 332.8

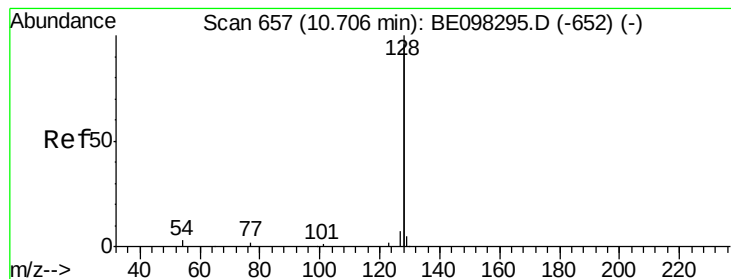


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.386 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

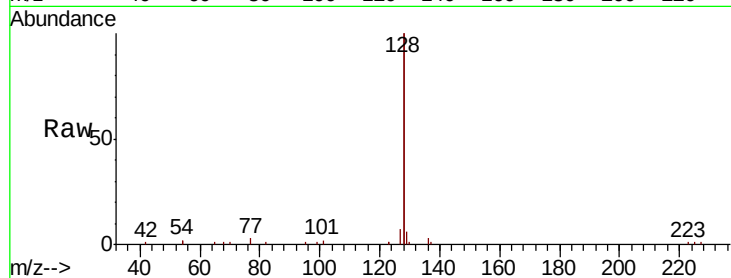
Tgt Ion:128 Resp: 29593

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

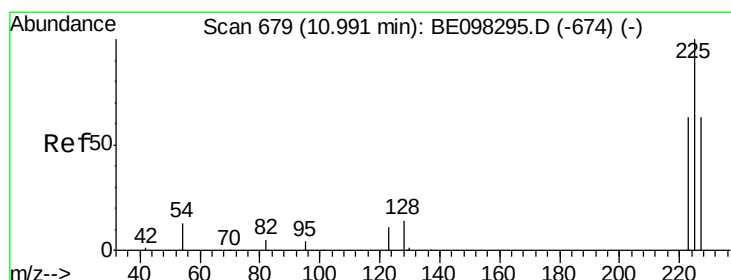
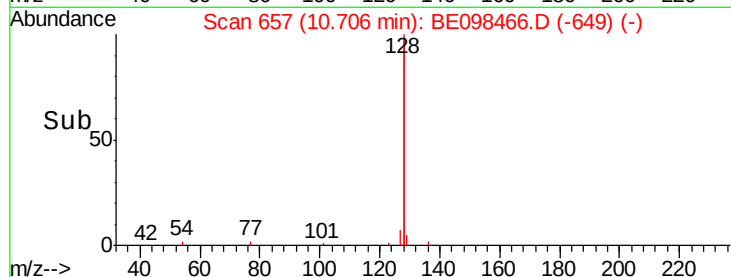
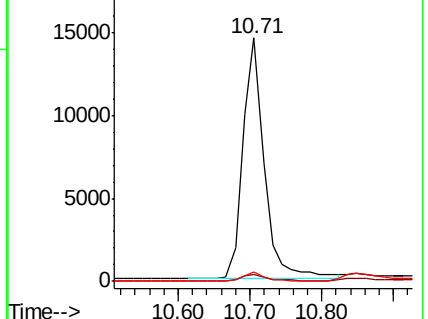
127 3.6 2.7 4.1



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: 0.403 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

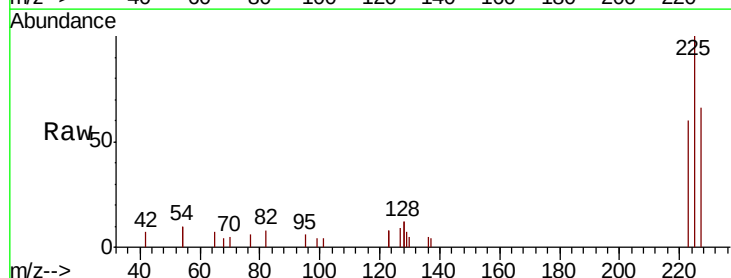
Tgt Ion:225 Resp: 1967

Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.0

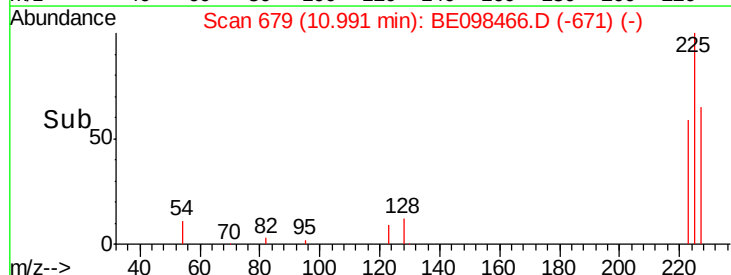
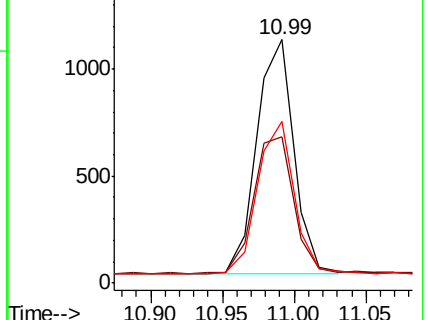
227 64.1 52.0 78.0

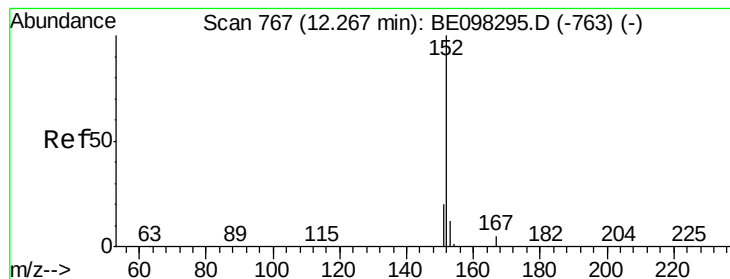


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

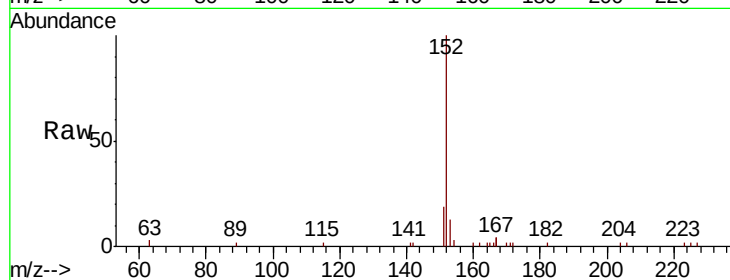
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4663

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

12.25

2500

2000

1500

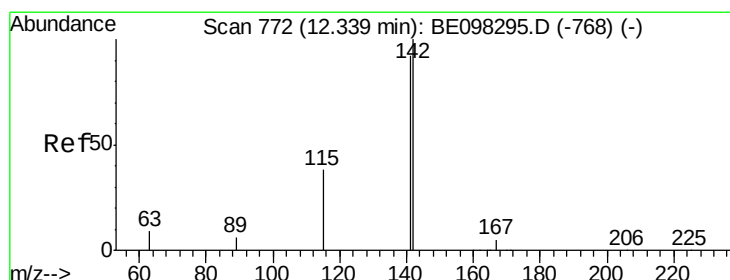
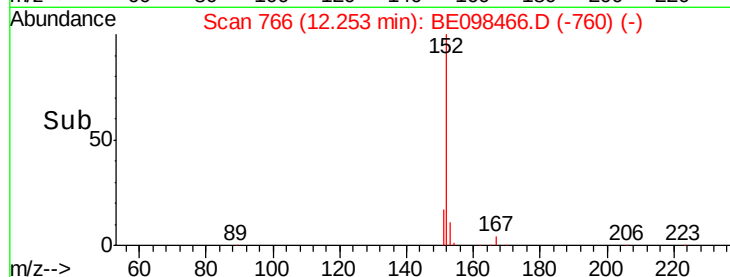
1000

500

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

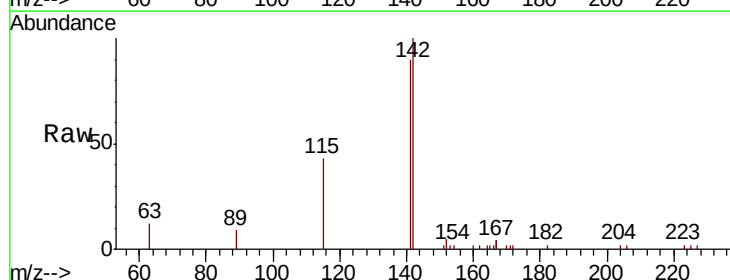
Tgt Ion:142 Resp: 4671

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

115 42.6 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

12.32

3000

2500

2000

1500

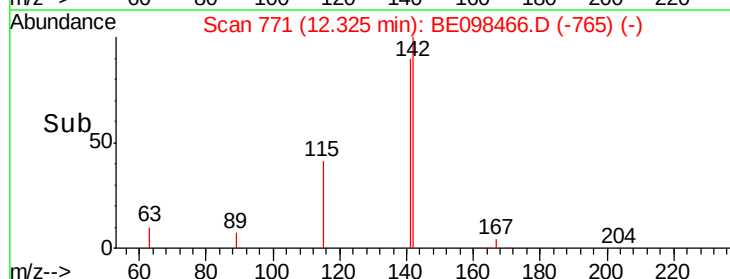
1000

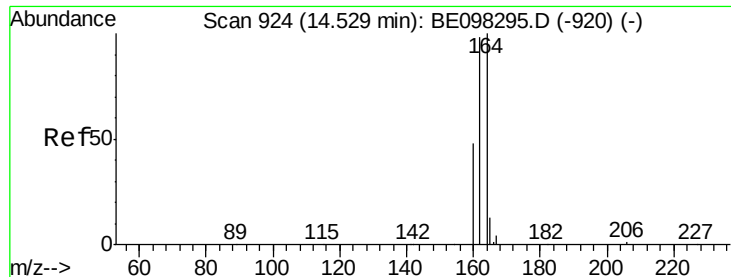
500

0

12.20 12.30 12.40

Time-->

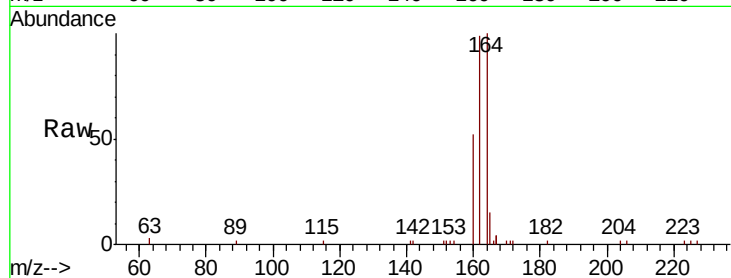




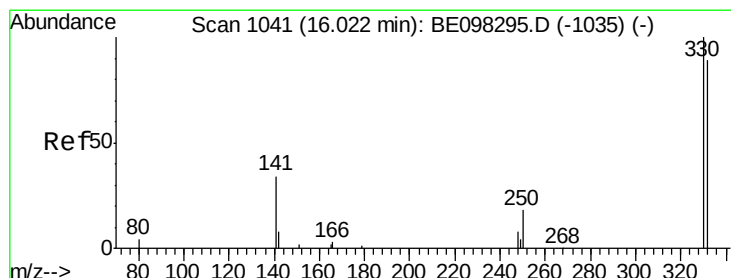
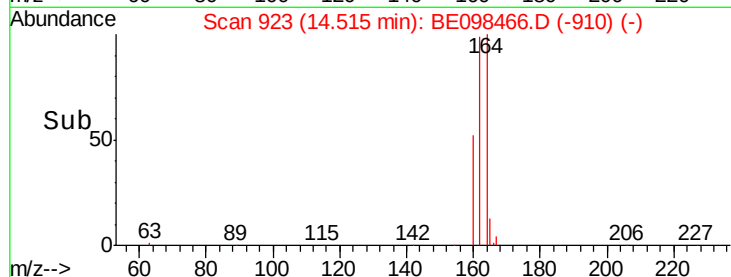
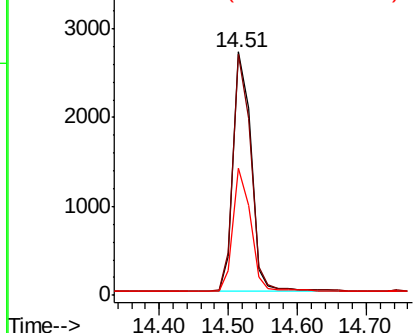
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 4834
 Ion Ratio Lower Upper
 164 100
 162 99.1 77.6 116.4
 160 52.4 36.0 54.0

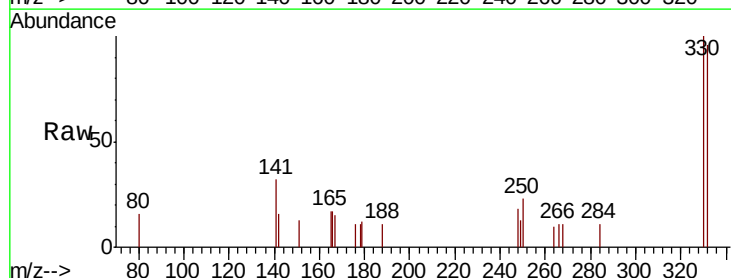


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

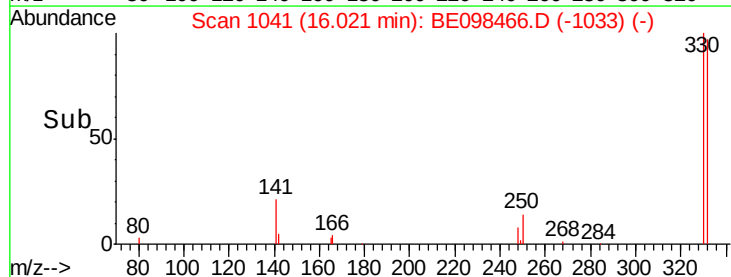
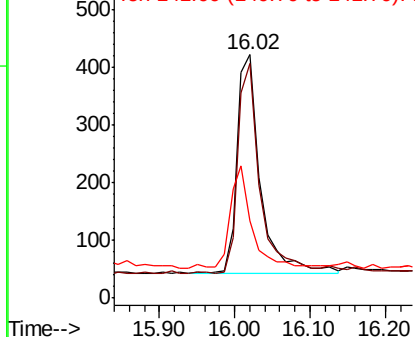


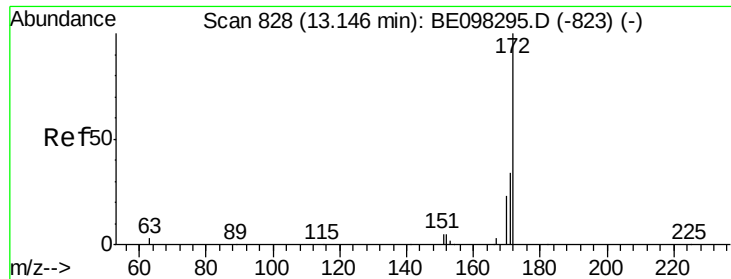
#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

Tgt Ion:330 Resp: 820
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.2 114.4
 141 44.5 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

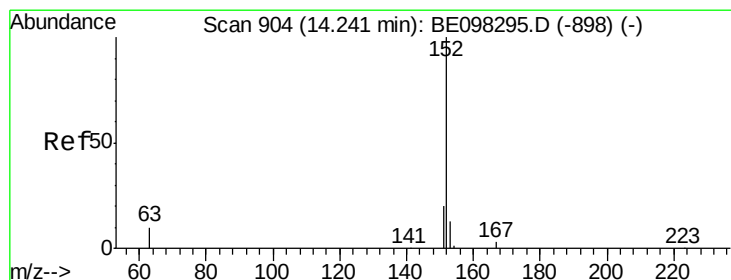
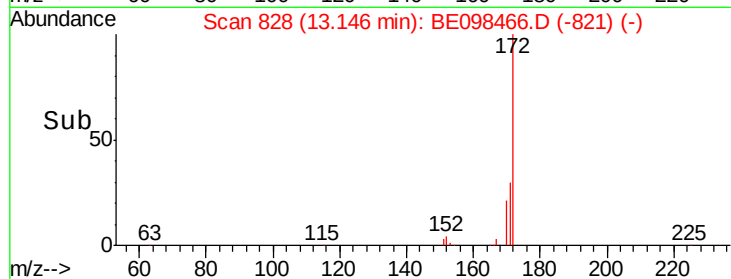
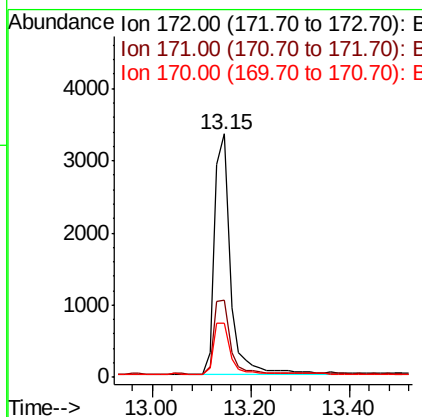
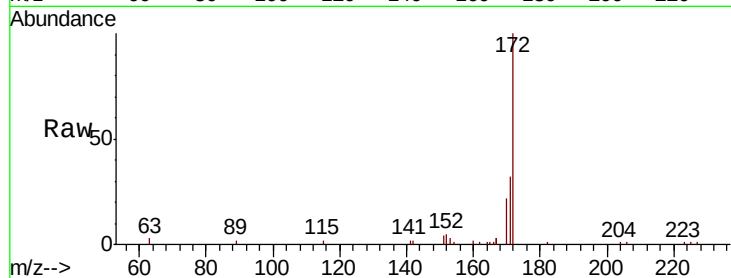




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098466.D
Acq: 15 Dec 2018 11:08

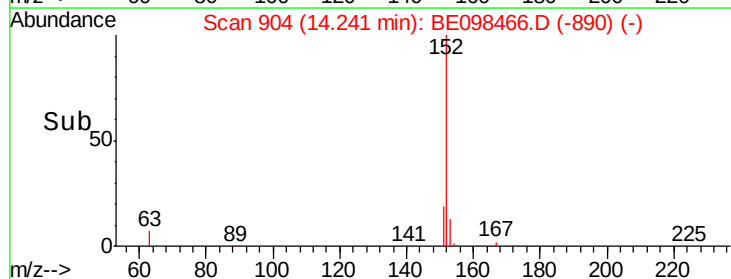
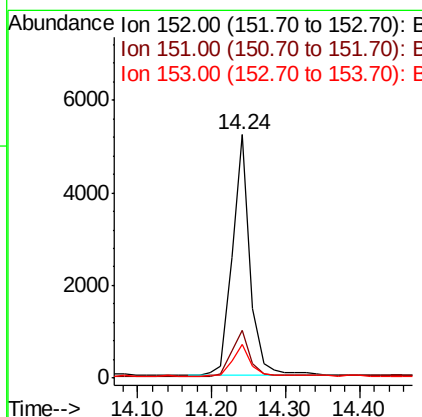
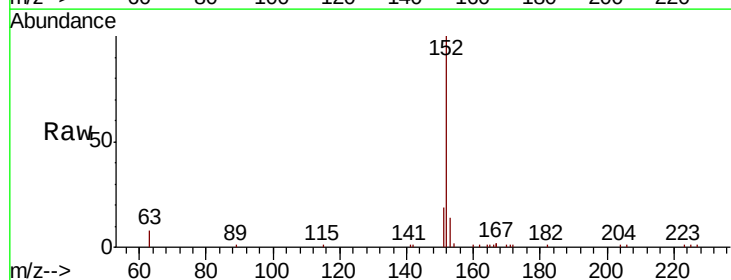
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

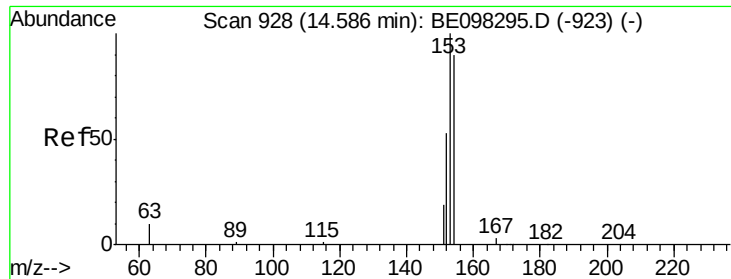
Tgt Ion:172 Resp: 7329
Ion Ratio Lower Upper
172 100
171 31.6 27.5 41.3
170 22.1 19.6 29.4



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098466.D
Acq: 15 Dec 2018 11:08

Tgt Ion:152 Resp: 8725
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.0 10.6 16.0

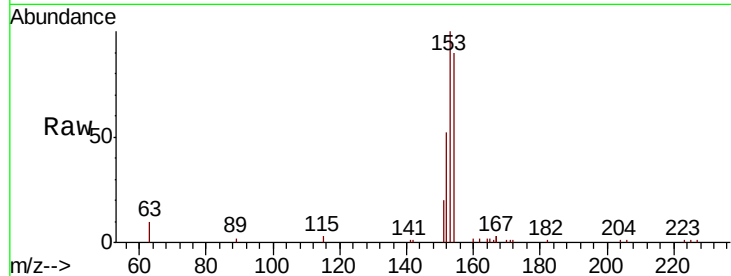




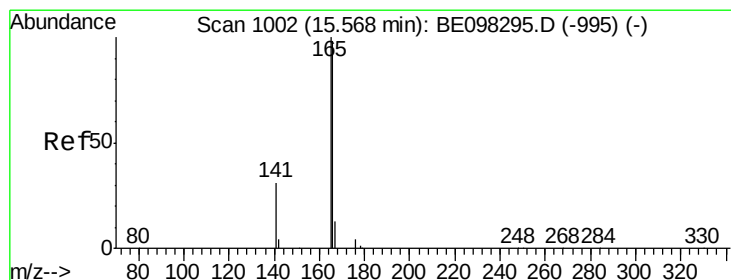
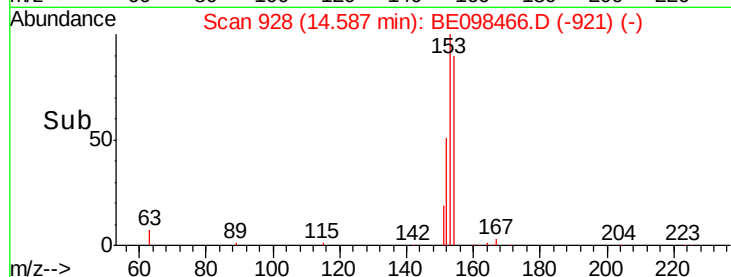
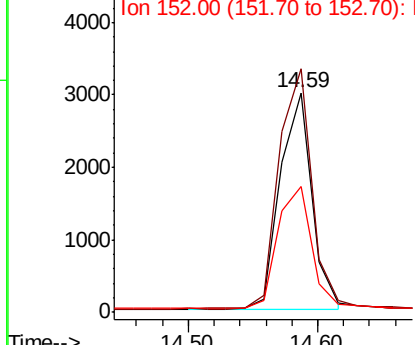
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098466.D
Acq: 15 Dec 2018 11:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5106
Ion Ratio Lower Upper
154 100
153 114.3 91.8 137.6
152 59.8 45.5 68.3

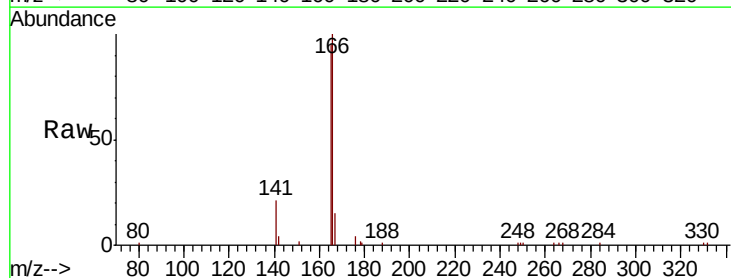


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

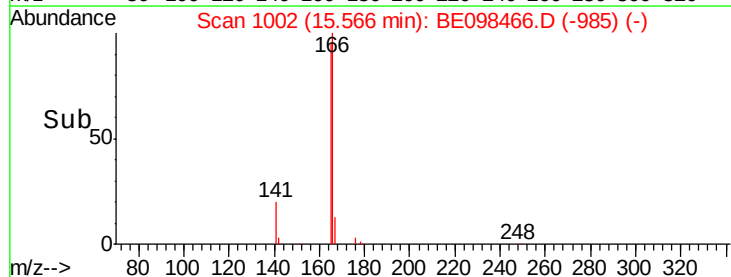
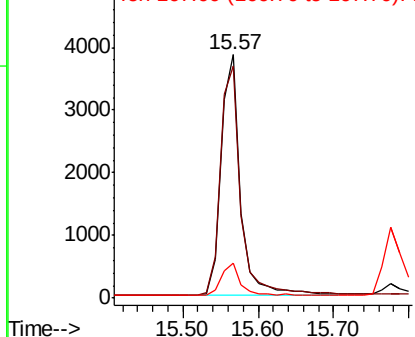


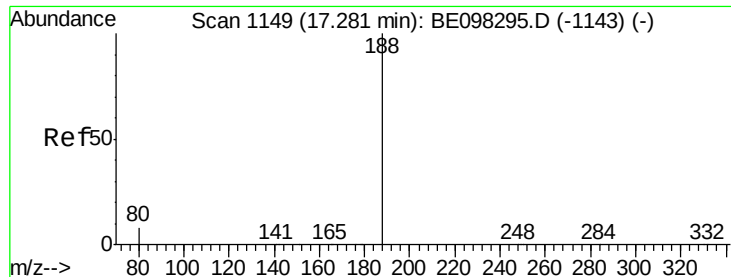
#18
Fluorene
Concen: 0.382 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098466.D
Acq: 15 Dec 2018 11:08

Tgt Ion:166 Resp: 6950
Ion Ratio Lower Upper
166 100
165 99.6 79.3 118.9
167 13.1 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: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

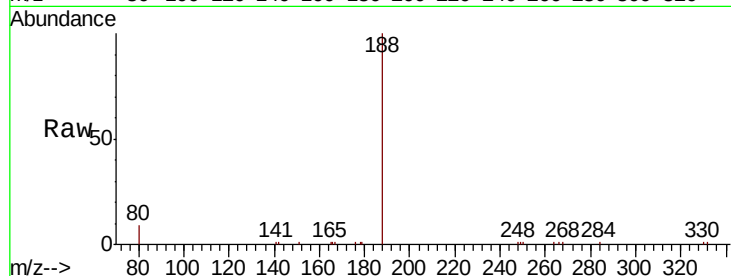
Tgt Ion:188 Resp: 12783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

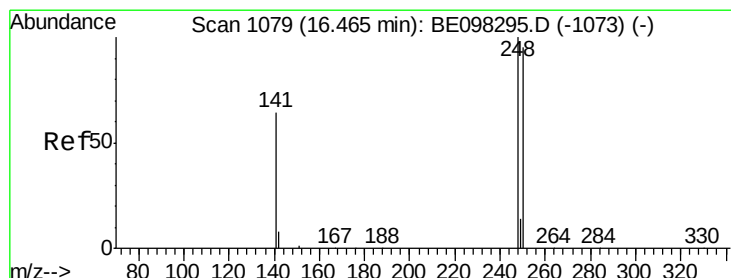
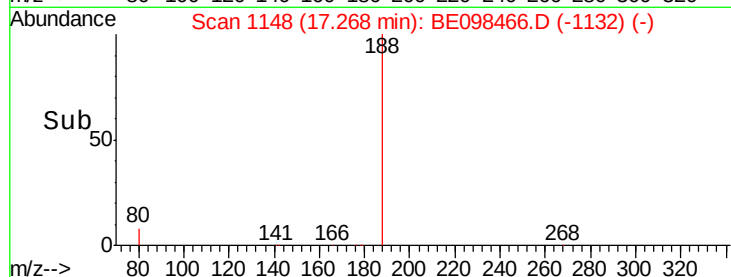
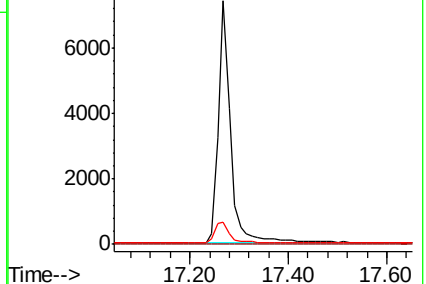
80 9.2 7.2 10.8



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: 0.376 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

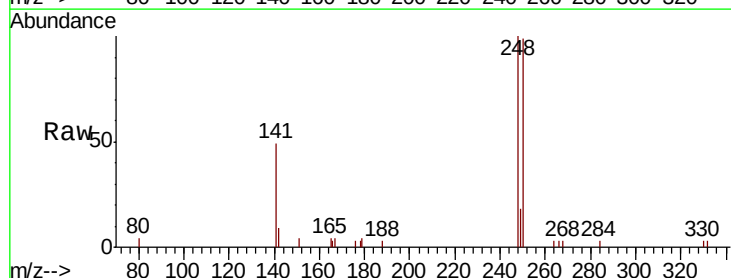
Tgt Ion:248 Resp: 2585

Ion Ratio Lower Upper

248 100

250 99.4 71.0 106.6

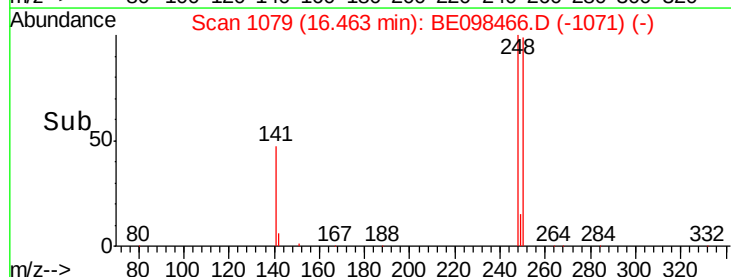
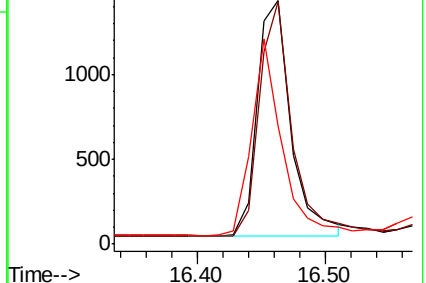
141 48.7 62.1 93.1#

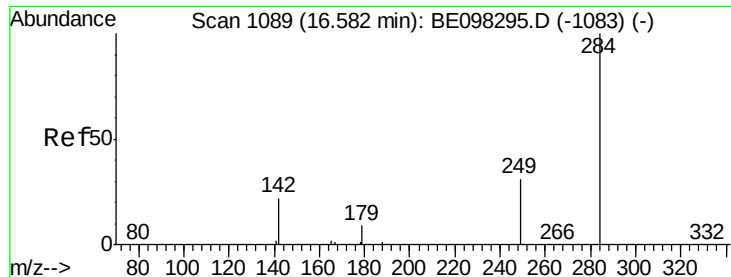


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

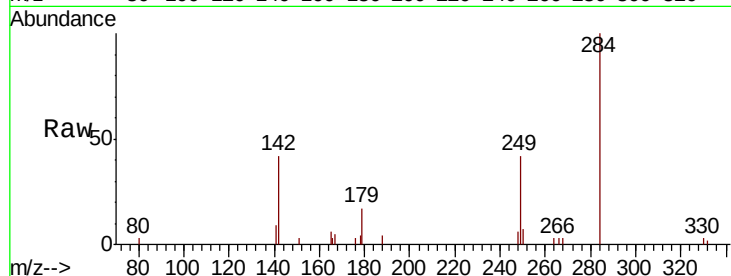
Tgt Ion:284 Resp: 2926

Ion Ratio Lower Upper

284 100

142 35.3 26.3 39.5

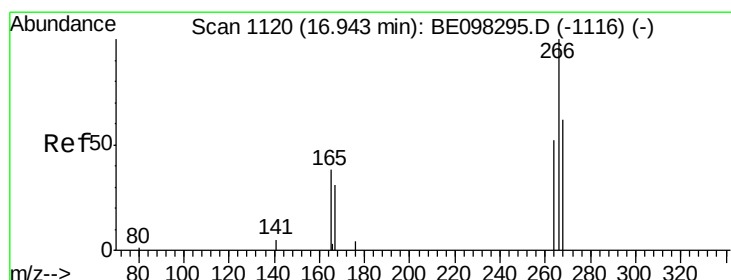
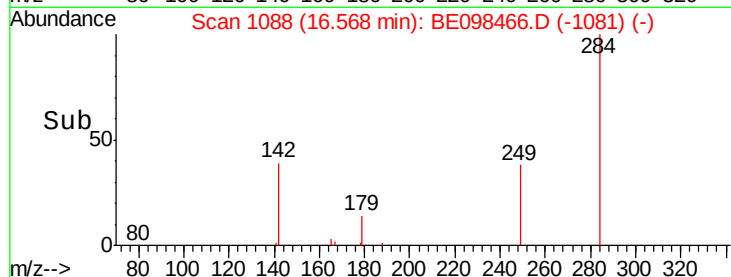
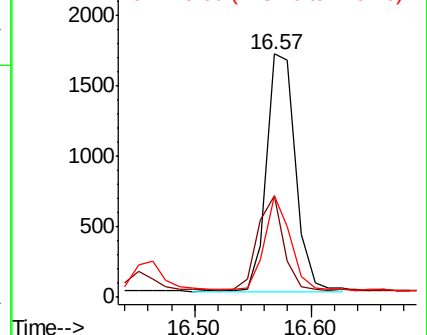
249 34.3 26.0 39.0



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: 0.629 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

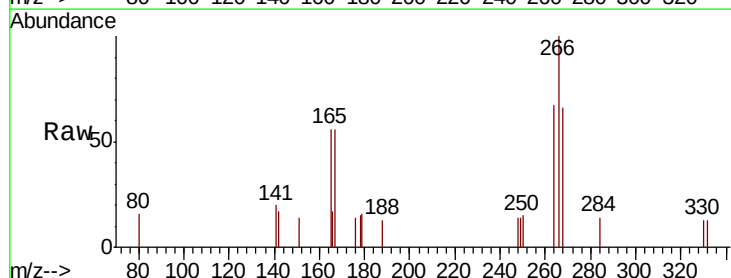
Tgt Ion:266 Resp: 809

Ion Ratio Lower Upper

266 100

264 67.2 59.0 88.4

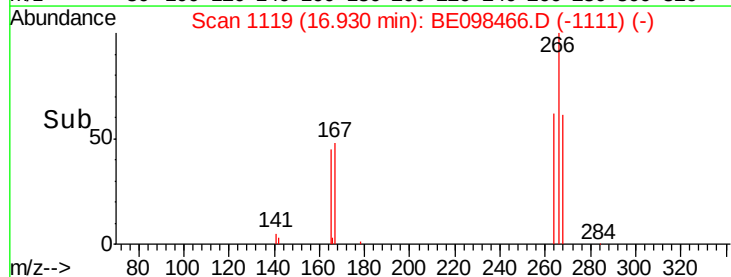
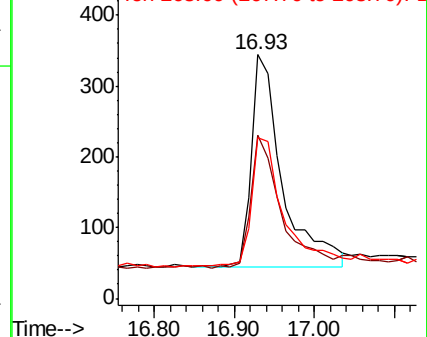
268 66.0 55.1 82.7

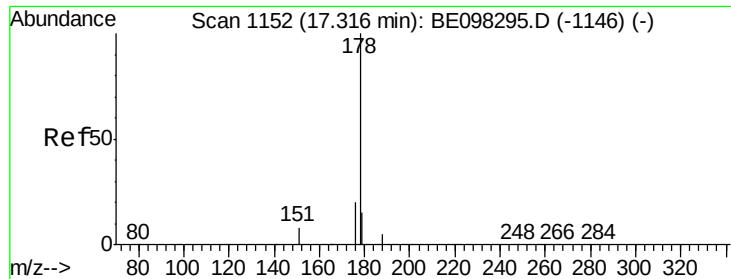


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

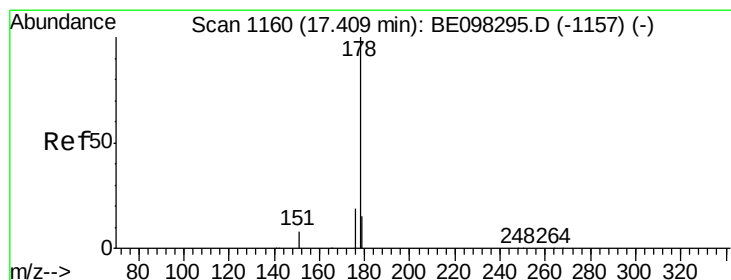
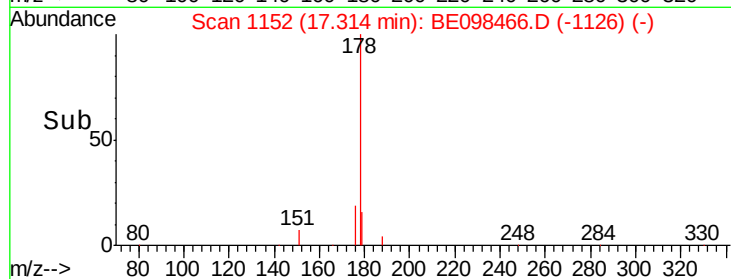
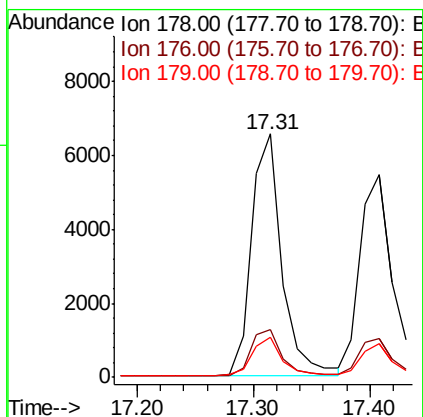
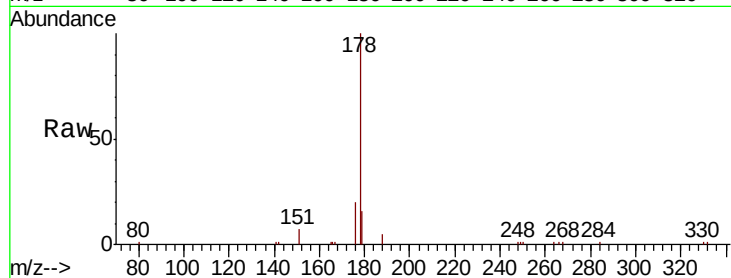
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	11877
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.6	12.3	18.5



#24

Anthracene

Concen: 0.368 ng

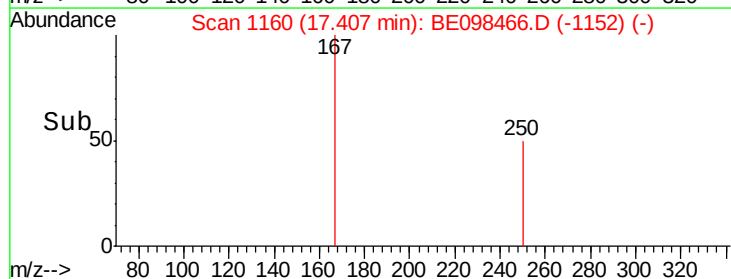
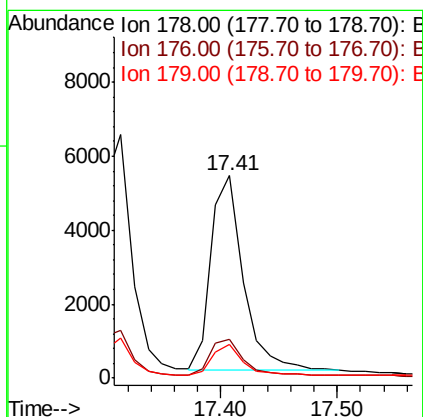
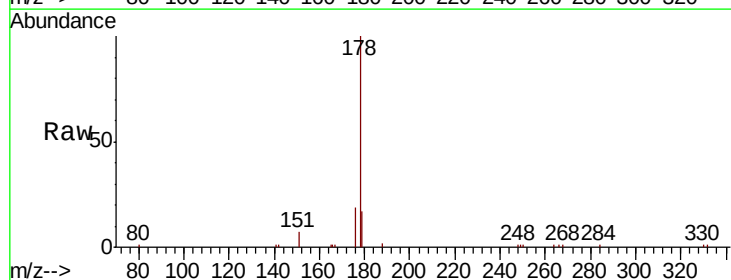
RT: 17.41 min Scan# 1160

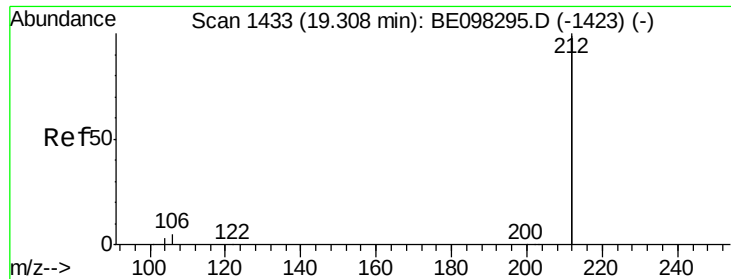
Delta R.T. -0.00 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Tgt Ion:	178	Resp:	10204
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.2	12.3	18.5

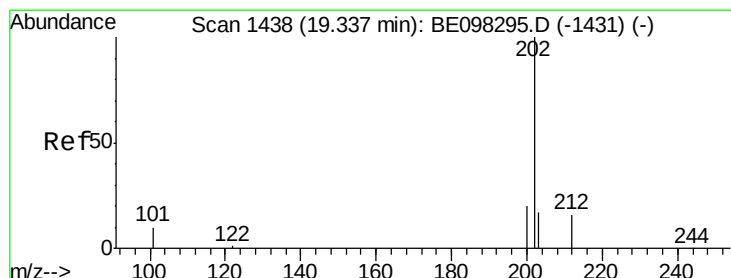
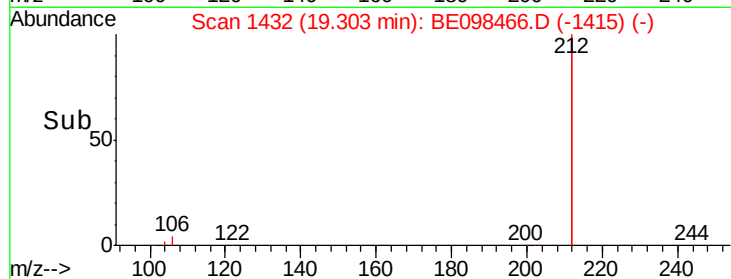
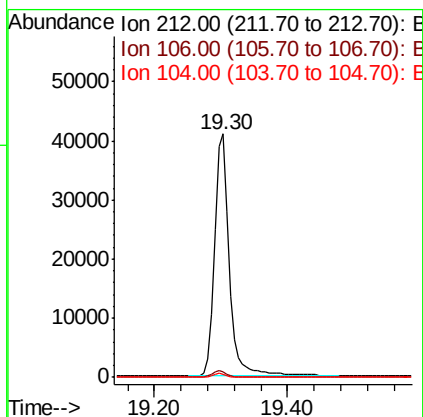
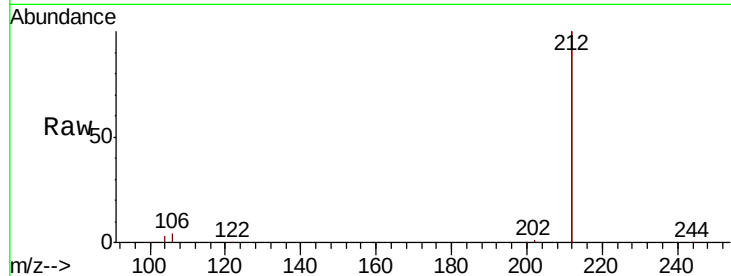




#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

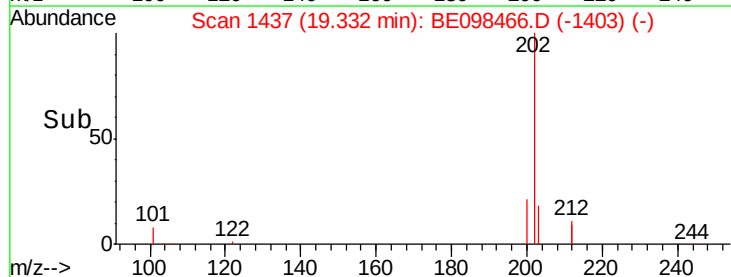
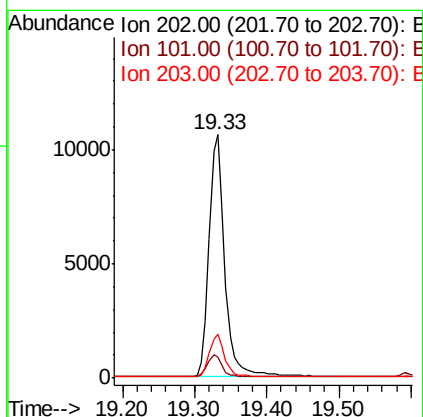
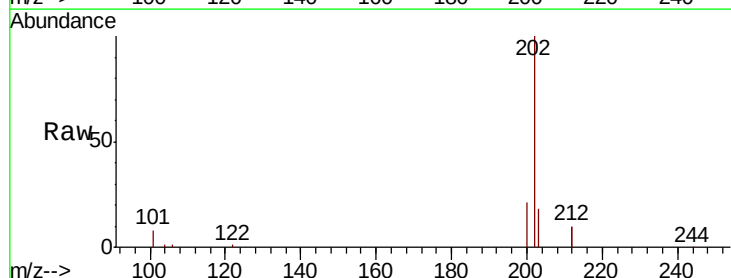
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

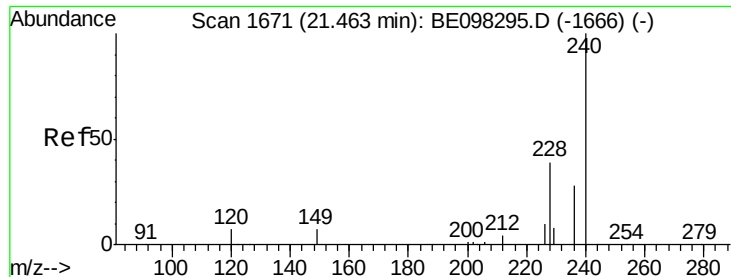
Tgt Ion: 212 Resp: 63121
 Ion Ratio Lower Upper
 212 100
 106 2.4 2.2 3.2
 104 1.4 1.3 1.9



#26
 Fluoranthene
 Concen: 0.390 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

Tgt Ion: 202 Resp: 16027
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.0 12.0
 203 17.2 13.8 20.6

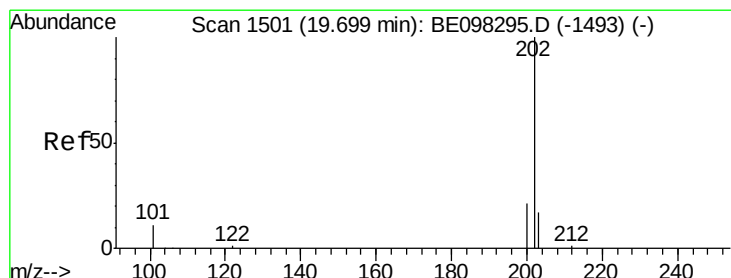
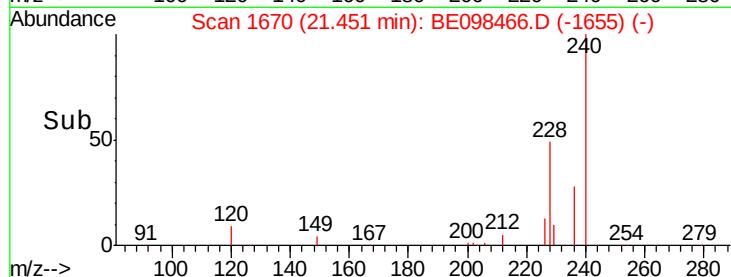
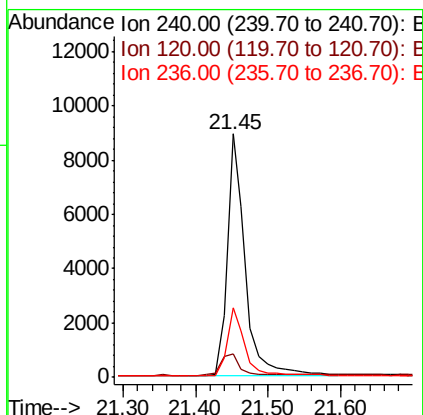
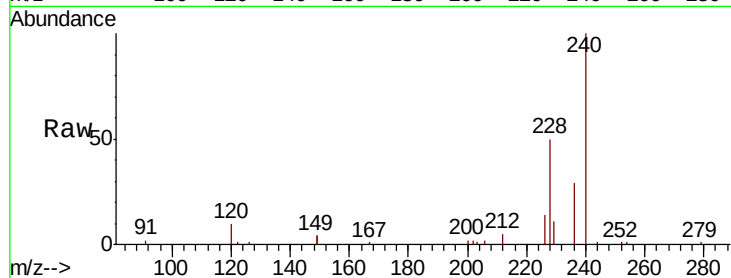




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

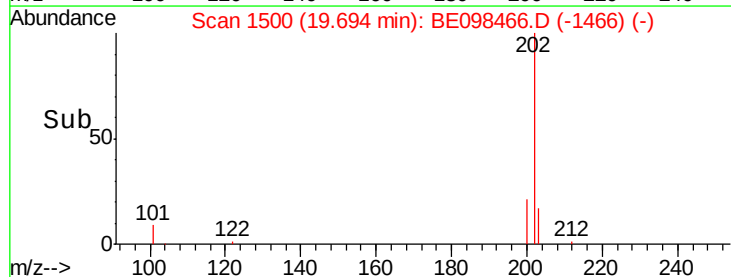
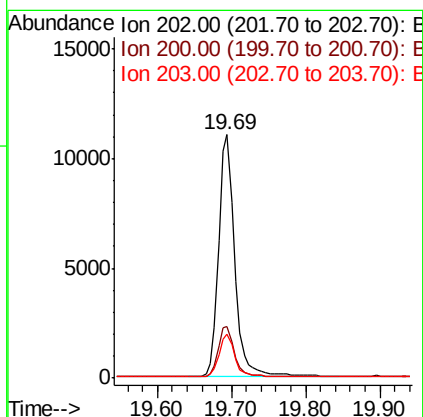
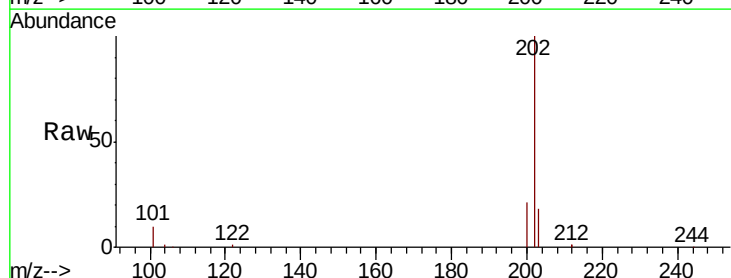
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

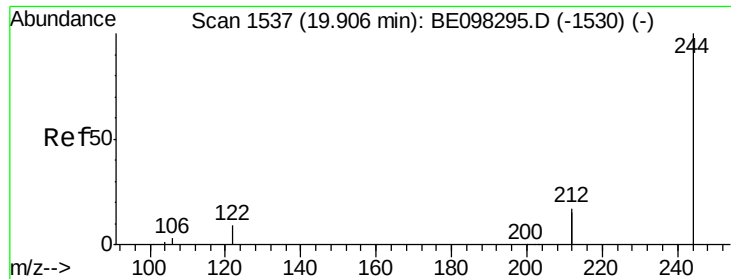
Tgt Ion: 240 Resp: 15626
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 28.6 22.7 34.1



#28
 Pyrene
 Concen: 0.343 ng
 RT: 19.69 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

Tgt Ion: 202 Resp: 16793
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.0 14.1 21.1





#29

Terphenyl-d14

Concen: 0.320 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

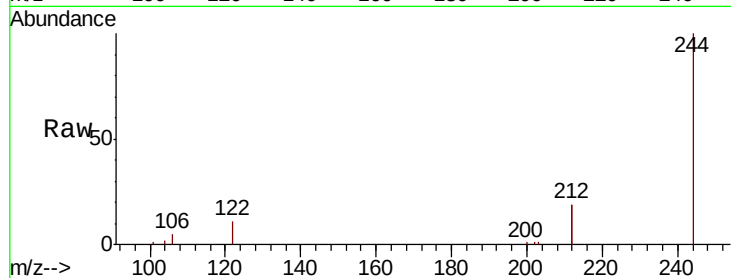
Tgt Ion:244 Resp: 12139

Ion Ratio Lower Upper

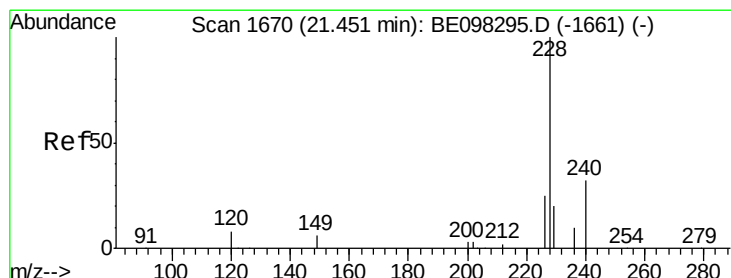
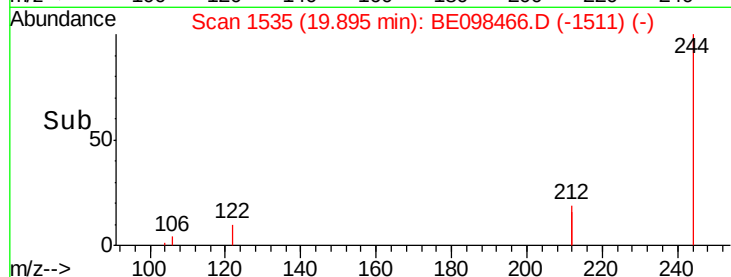
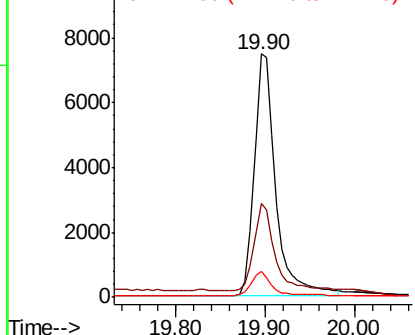
244 100

212 38.5 27.4 41.0

122 10.8 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: 0.366 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

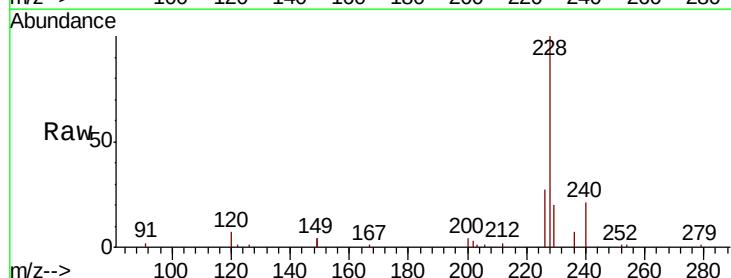
Tgt Ion:228 Resp: 16306

Ion Ratio Lower Upper

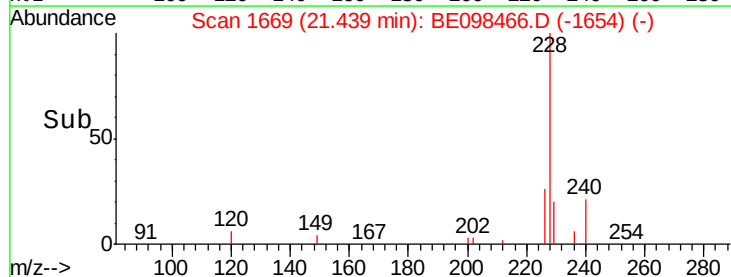
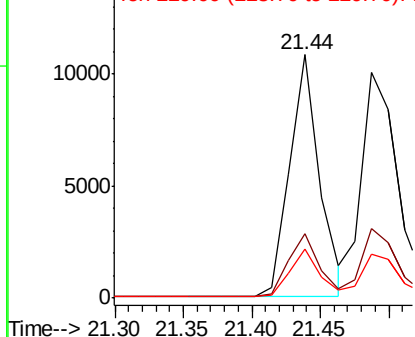
228 100

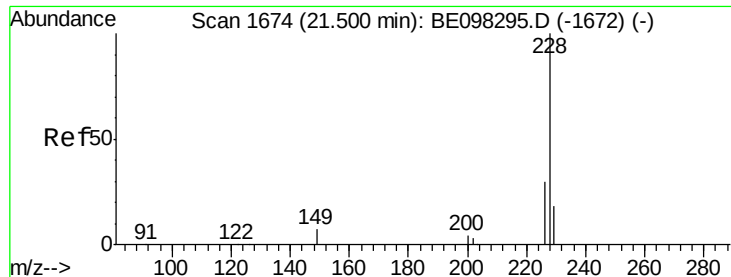
226 26.6 21.8 32.8

229 20.0 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

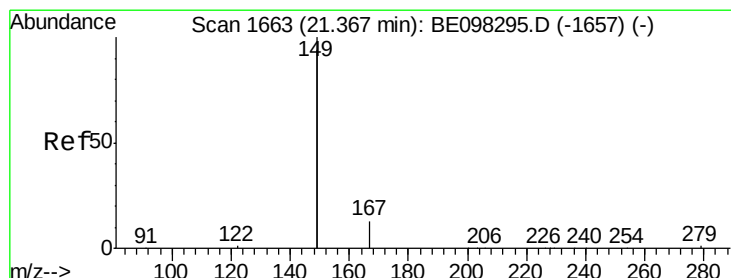
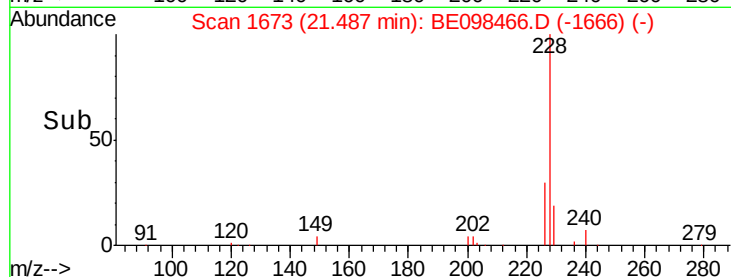
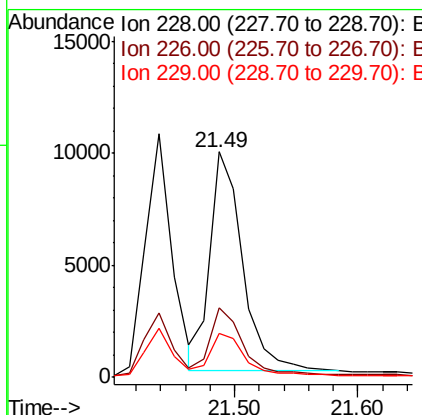
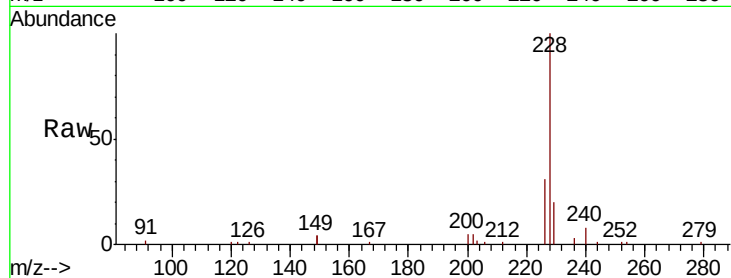




#31
Chrysene
 Concen: 0.384 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

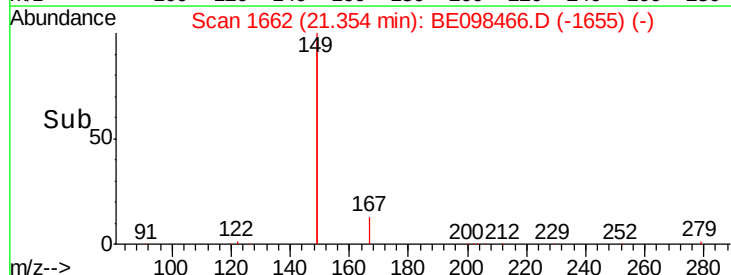
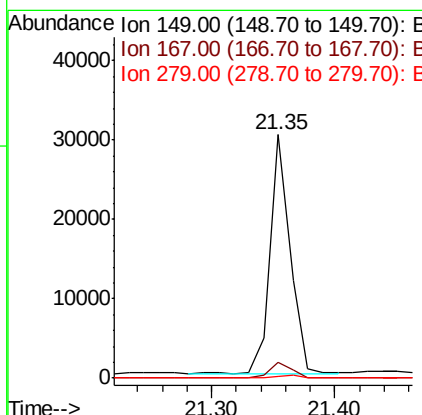
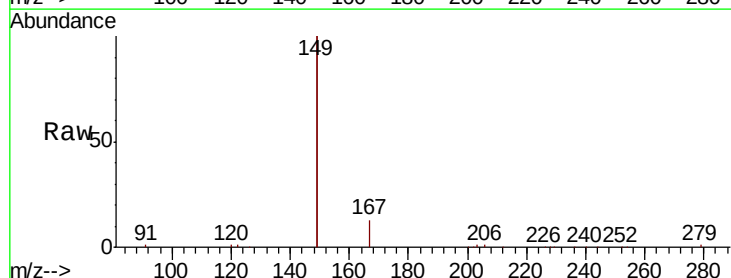
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

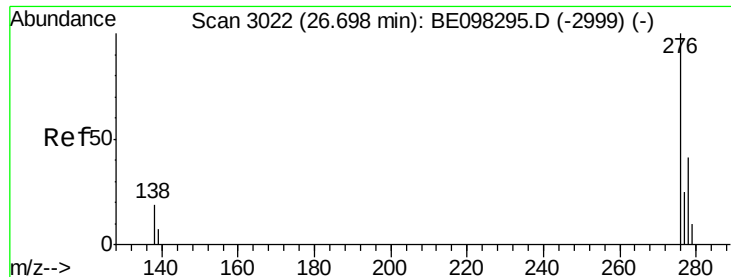
Tgt Ion:228 Resp: 17890
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.4 35.0
 229 19.8 16.2 24.4



#32
Bis(2-ethylhexyl)phthalate
 Concen: 0.381 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098466.D
 Acq: 15 Dec 2018 11:08

Tgt Ion:149 Resp: 34421
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.7 8.5
 279 1.1 1.0 1.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng

RT: 26.68 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

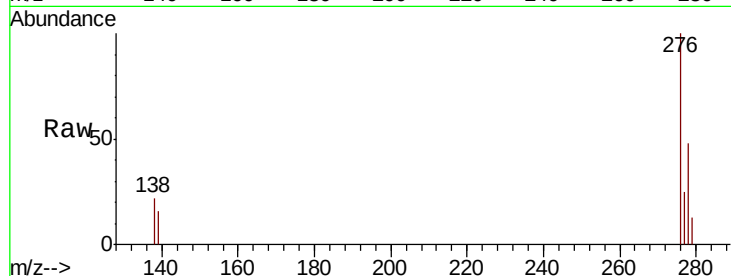
Tgt Ion:276 Resp: 19042

Ion Ratio Lower Upper

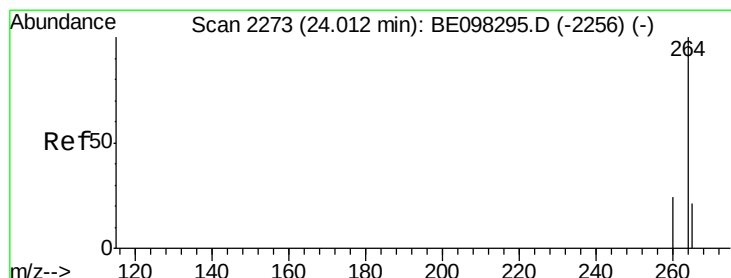
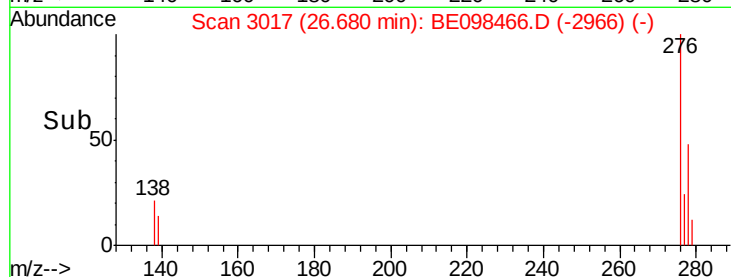
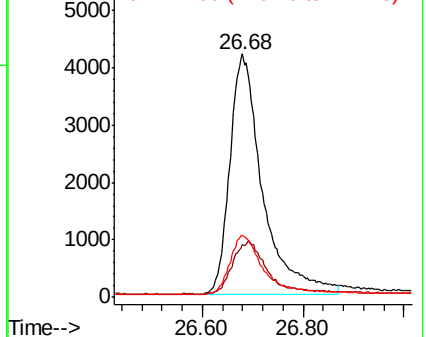
276 100

138 22.2 16.3 24.5

277 24.4 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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

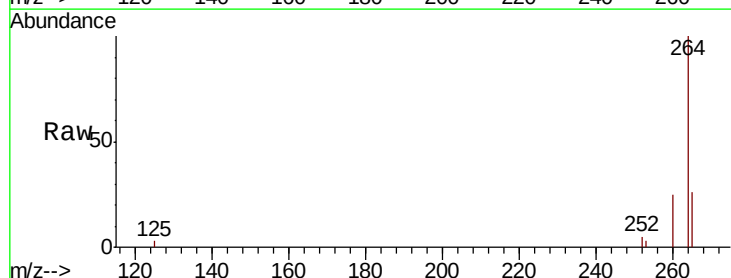
Tgt Ion:264 Resp: 15472

Ion Ratio Lower Upper

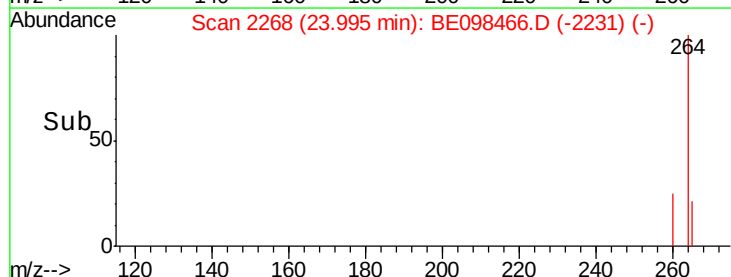
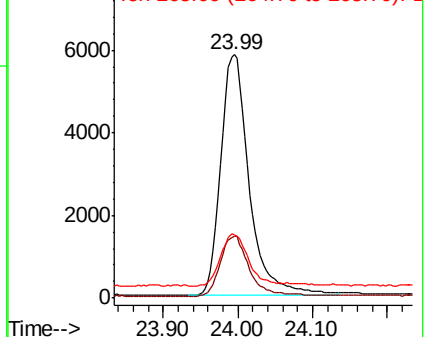
264 100

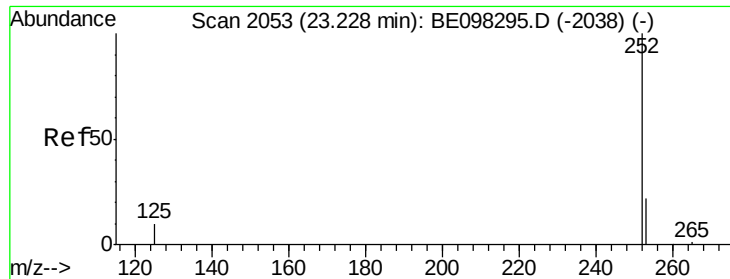
260 25.5 20.2 30.2

265 25.7 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: 0.454 ng

RT: 23.27 min Scan# 2064

Delta R.T. 0.04 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

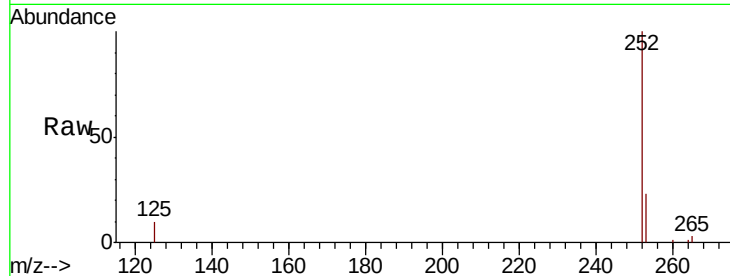
Tgt Ion:252 Resp: 19200

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

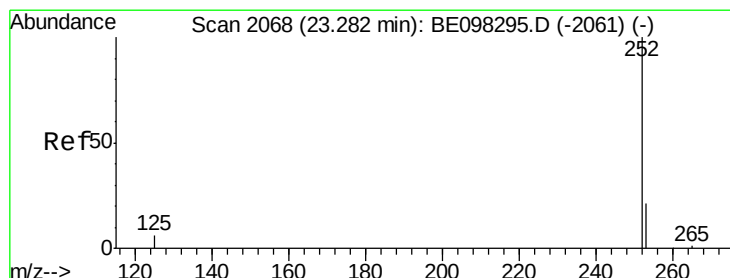
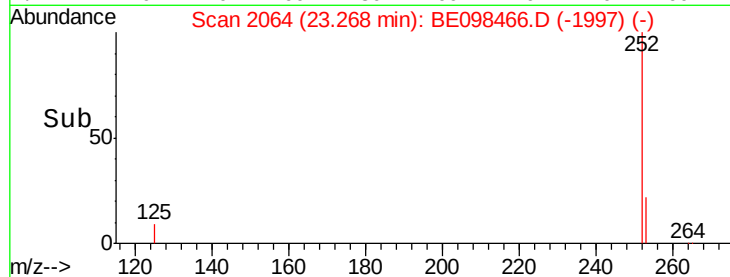
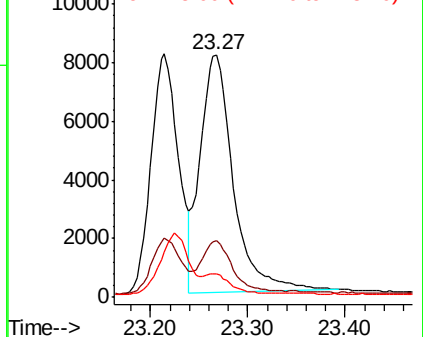
125 9.9 9.6 14.4



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: 0.399 ng

RT: 23.27 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

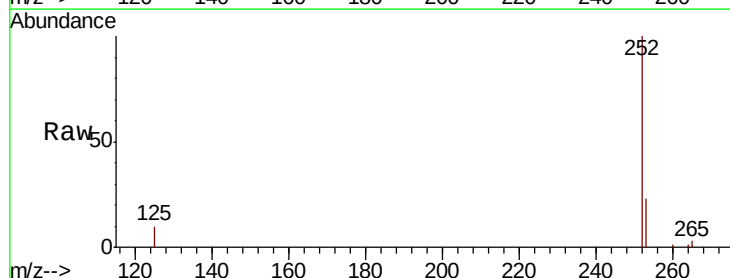
Tgt Ion:252 Resp: 19683

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

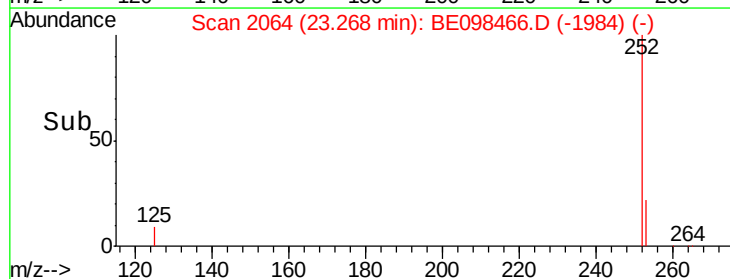
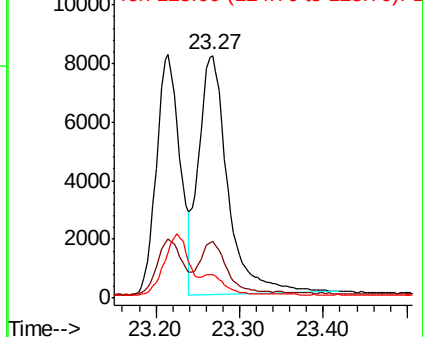
125 9.9 9.1 13.7

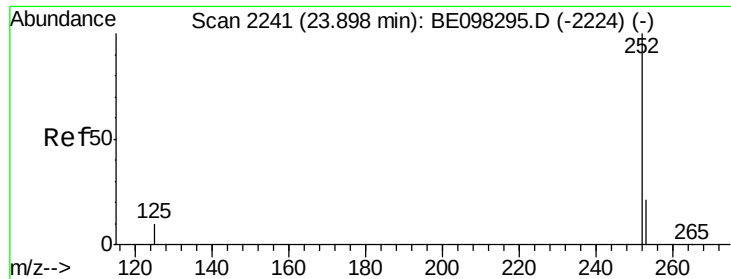


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.88 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

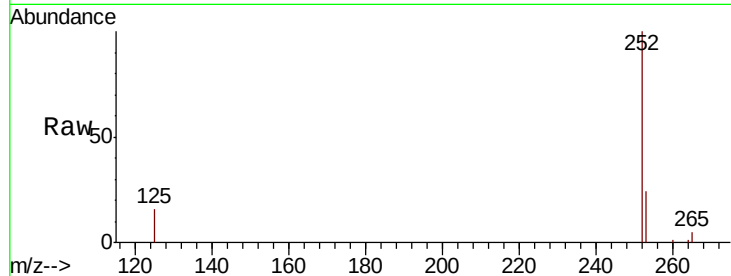
Tgt Ion: 252 Resp: 17142

Ion Ratio Lower Upper

252 100

253 24.1 20.6 30.8

125 16.0 10.5 15.7#

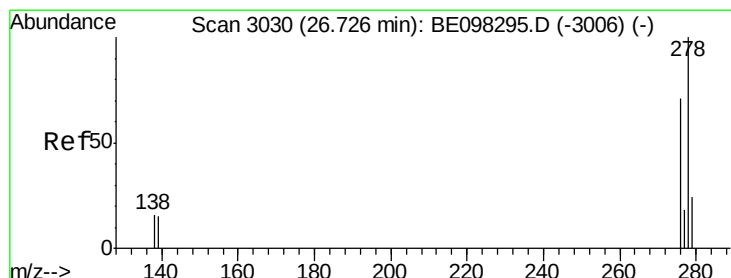
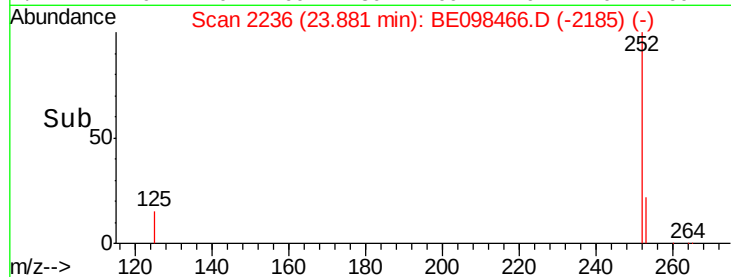
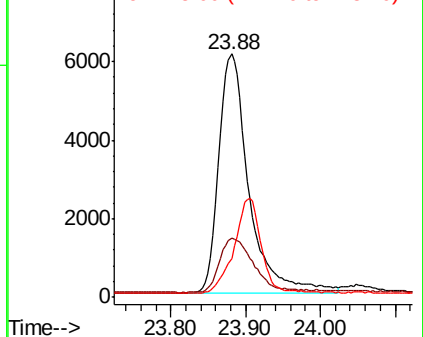


Abundance

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: 0.376 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.02 min

Lab File: BE098466.D

Acq: 15 Dec 2018 11:08

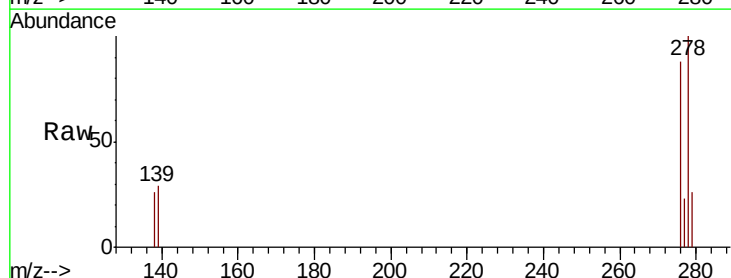
Tgt Ion: 278 Resp: 15450

Ion Ratio Lower Upper

278 100

139 29.5 14.5 21.7#

279 25.6 21.8 32.8

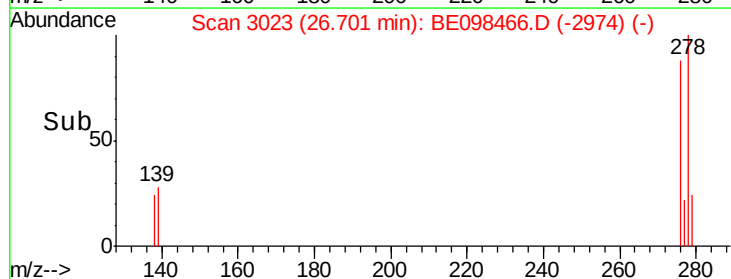
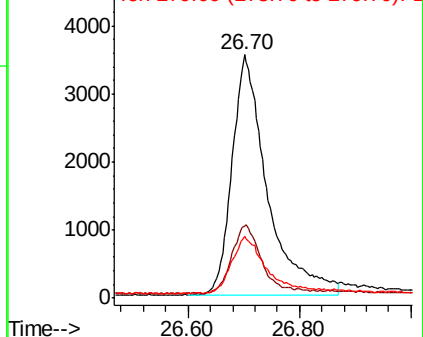


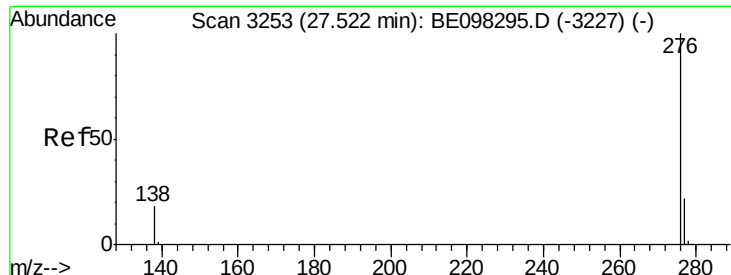
Abundance

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: 0.384 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BE098466.D

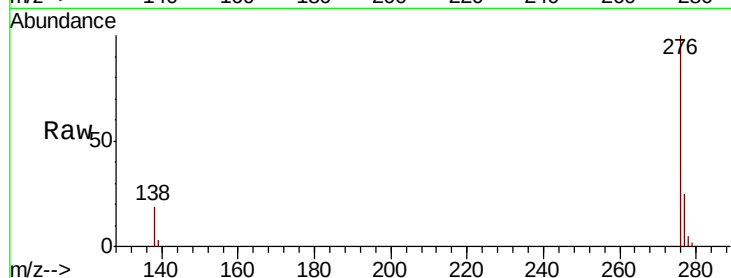
Acq: 15 Dec 2018 11:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 15920

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 18.8 15.8 23.6

Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

