

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098303.D
 Acq On : 10 Dec 2018 18:11
 Operator : SJ/JU
 Sample : J6259-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306D-20181205

Quant Time: Dec 11 00:47:58 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	7.86	152	1495	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5937	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3894	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10049	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12461	0.40	ng	0.00
34) Perylene-d12	24.01	264	11949	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	483	0.14	ng	0.01
5) Phenol-d6	7.05	99	390	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1882	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3379	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	502	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7014	0.43	ng	0.00
25) Fluoranthene-d10	19.31	212	49711	0.39	ng	0.00
29) Terphenyl-d14	19.90	244	11943	0.39	ng	0.00

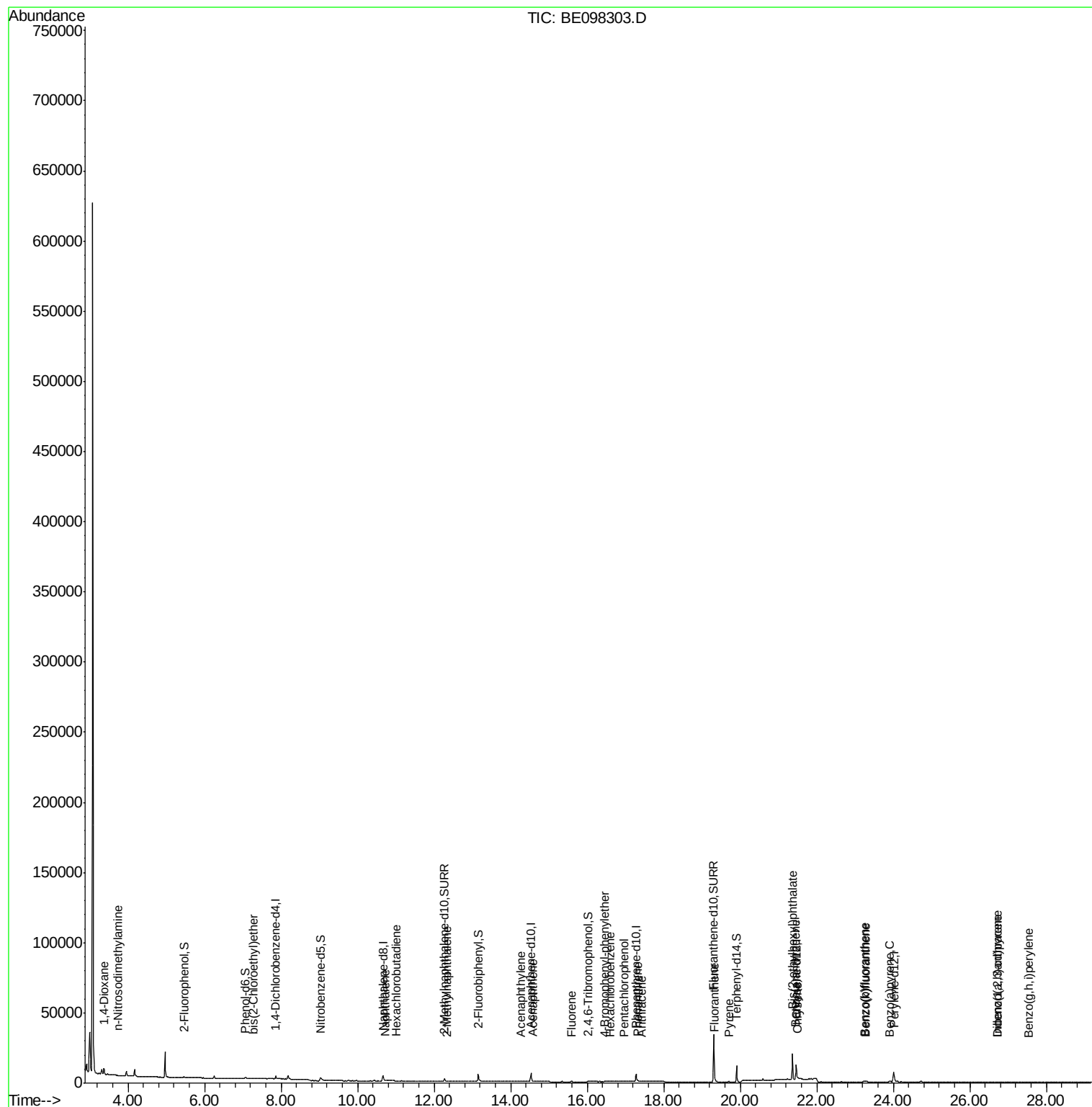
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2406	0.931	ng	# 86
3) n-Nitrosodimethylamine	3.74	42	51	0.022	ng	# 100
6) bis(2-Chloroethyl)ether	7.26	93	12	0.003	ng	# 1
9) Naphthalene	10.72	128	398	0.007	ng	# 59
10) Hexachlorobutadiene	11.00	225	9	0.002	ng	# 19
12) 2-Methylnaphthalene	12.34	142	48	0.005	ng	# 58
16) Acenaphthylene	14.26	152	78	0.004	ng	# 66
17) Acenaphthene	14.59	154	74	0.007	ng	# 91
18) Fluorene	15.58	166	164	0.011	ng	# 85
20) 4-Bromophenyl-phenylether	16.46	248	80	0.015	ng	# 80
21) Hexachlorobenzene	16.59	284	108	0.019	ng	# 42
22) Pentachlorophenol	16.95	266	35	0.056	ng	# 76
23) Phenanthrene	17.31	178	506	0.021	ng	# 88
24) Anthracene	17.42	178	282	0.013	ng	# 98
26) Fluoranthene	19.34	202	656	0.020	ng	# 92
28) Pyrene	19.70	202	709	0.018	ng	# 95
30) Benzo(a)anthracene	21.45	228	777	0.022	ng	# 83
31) Chrysene	21.50	228	717	0.019	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.37	149	21865	0.303	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	857	0.023	ng	# 54
35) Benzo(b)fluoranthene	23.24	252	803	0.025	ng	# 2
36) Benzo(k)fluoranthene	23.28	252	781	0.021	ng	# 42
37) Benzo(a)pyrene	23.90	252	762	0.023	ng	# 21
38) Dibenzo(a,h)anthracene	26.73	278	648	0.020	ng	# 26
39) Benzo(g,h,i)perylene	27.54	276	720	0.022	ng	# 55

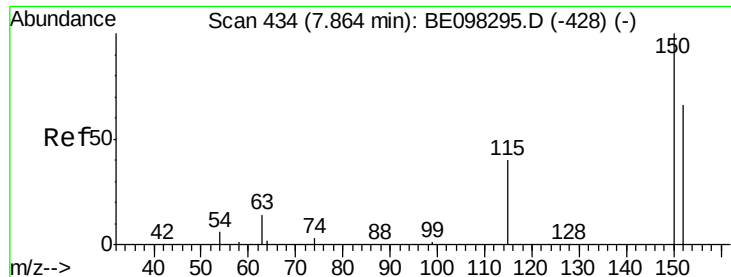
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

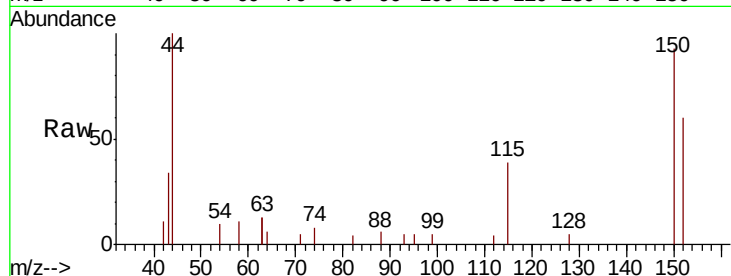
Tgt Ion: 152 Resp: 1495

Ion Ratio Lower Upper

152 100

150 154.3 124.2 186.4

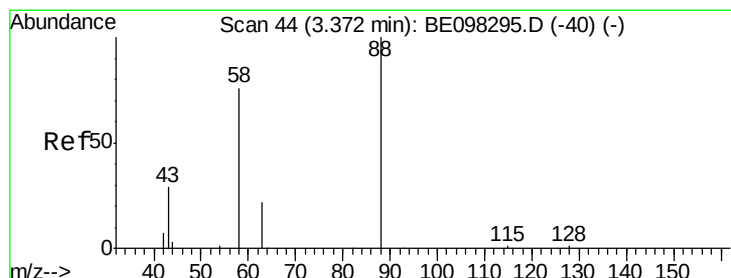
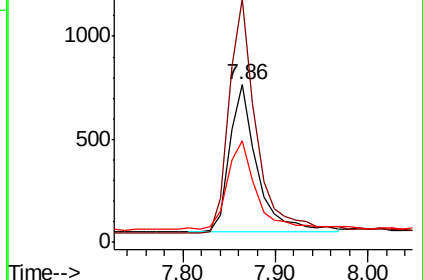
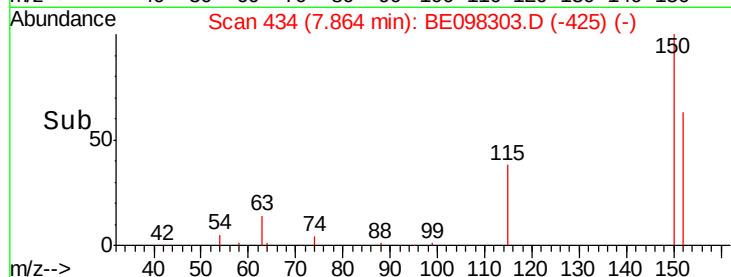
115 64.2 53.9 80.9



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: 0.931 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

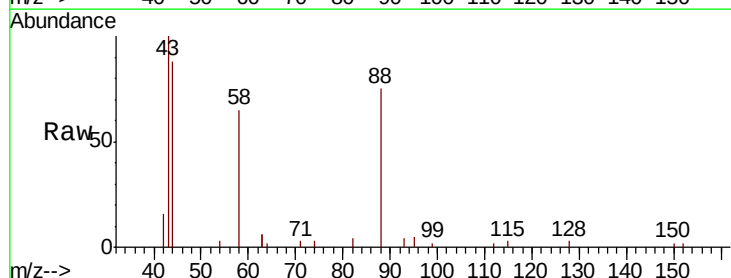
Tgt Ion: 88 Resp: 2406

Ion Ratio Lower Upper

88 100

58 98.9 75.0 112.6

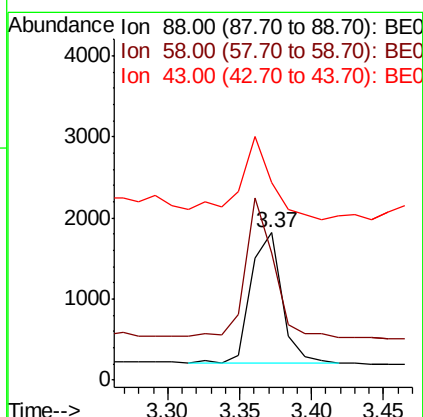
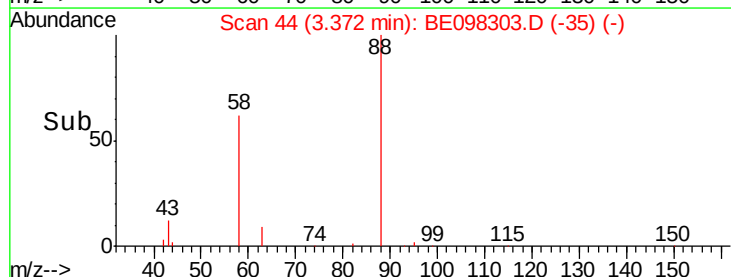
43 67.9 38.3 57.5#

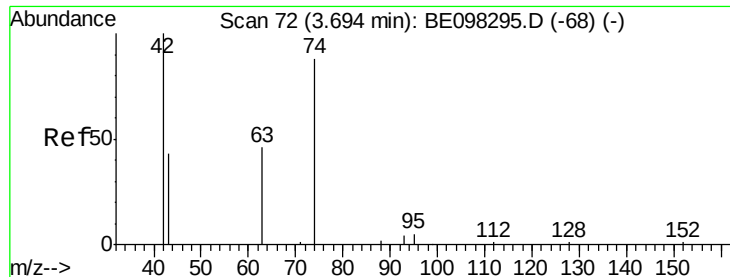


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.74 min Scan# 76

Delta R.T. 0.05 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

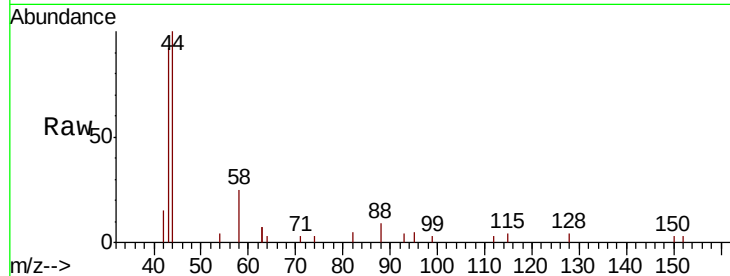
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

Tgt Ion:	42	Resp:	51
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

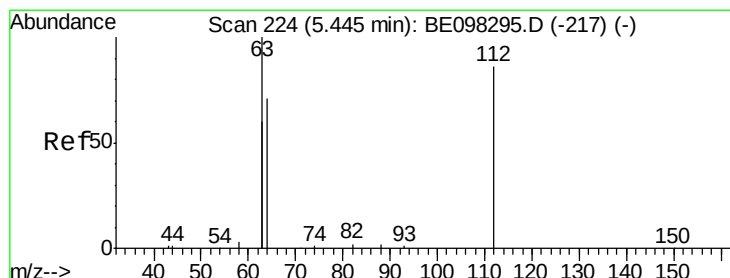
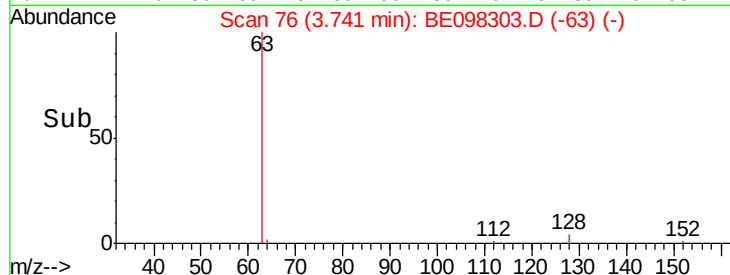
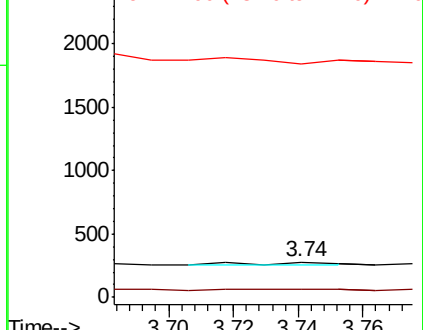


Abundance

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: 0.138 ng

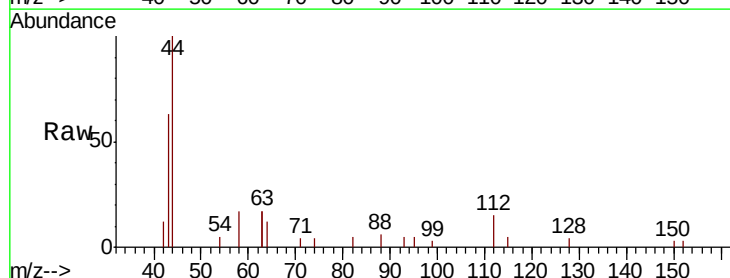
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Tgt Ion:	112	Resp:	483
Ion	Ratio	Lower	Upper
112	100		
64	86.1	59.8	89.8
63	157.1	133.7	200.5

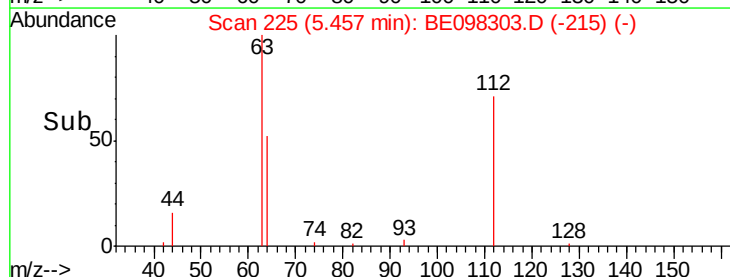
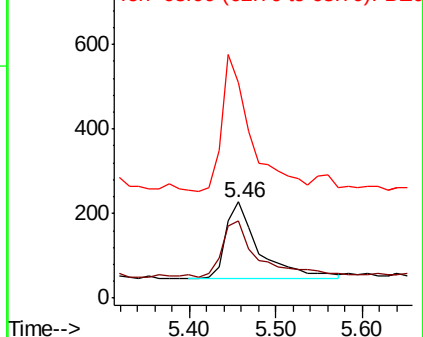


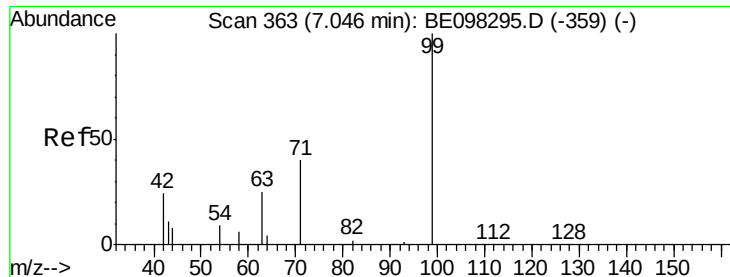
Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.079 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

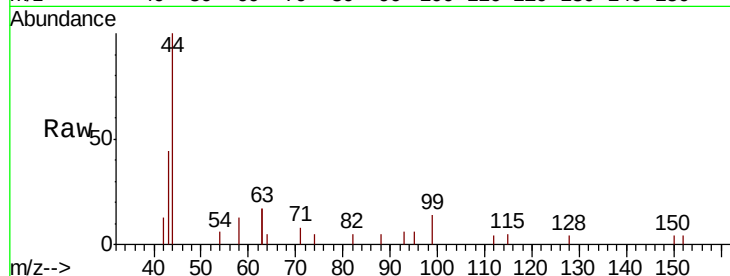
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 64.9 26.3 39.5#

71 0.0 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

250

200

150

100

50

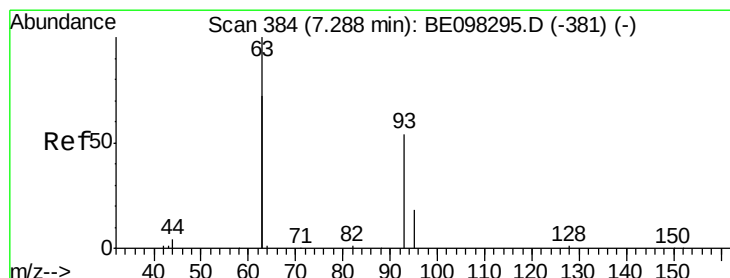
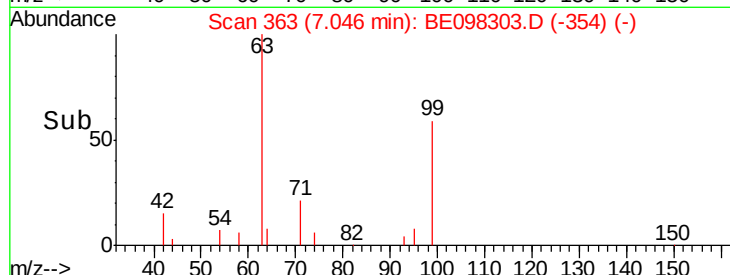
0

7.05

7.10

7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.02 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

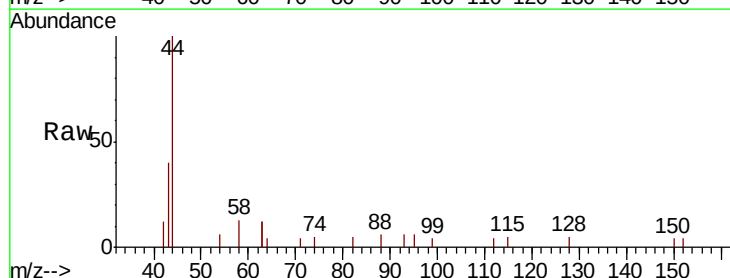
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 100.0 264.4 396.6#

95 0.0 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

400

300

200

100

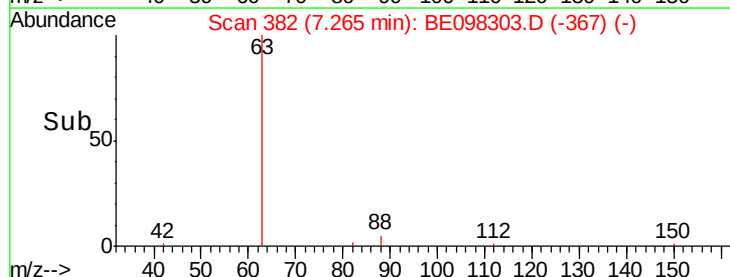
0

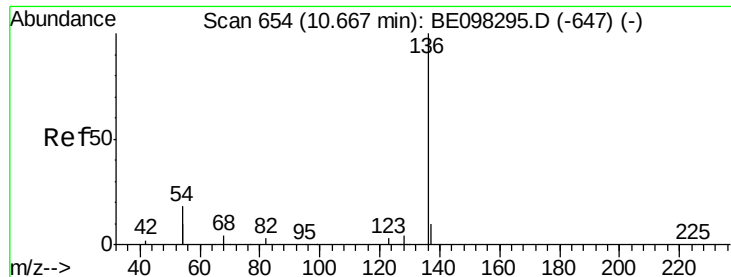
7.26

7.25

7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

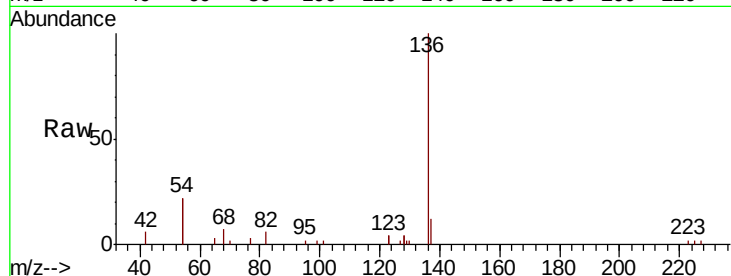
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

Tgt Ion:	136	Resp:	5937
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	43.3	28.4	42.6#
68	7.2	5.4	8.0

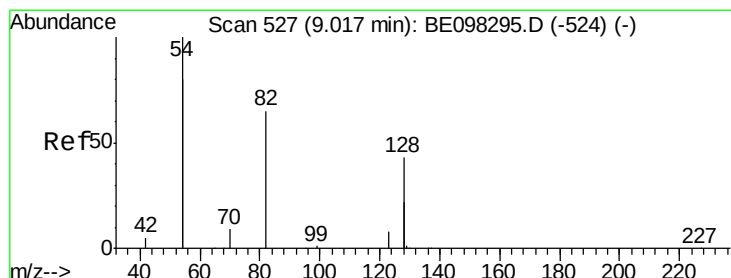
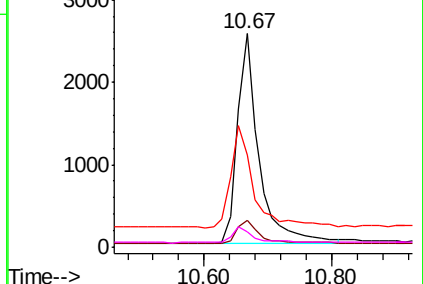
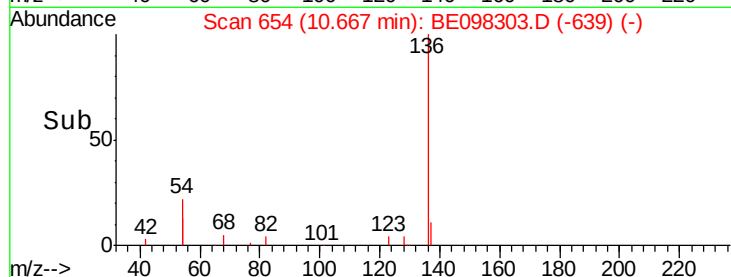


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

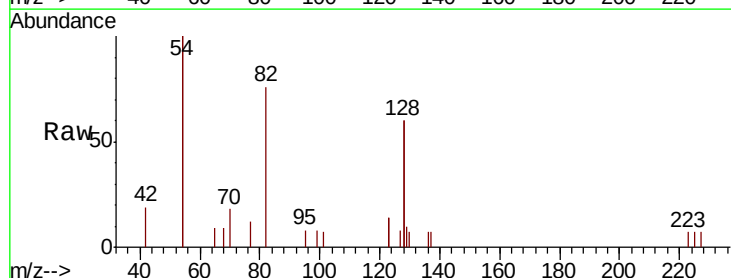
RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

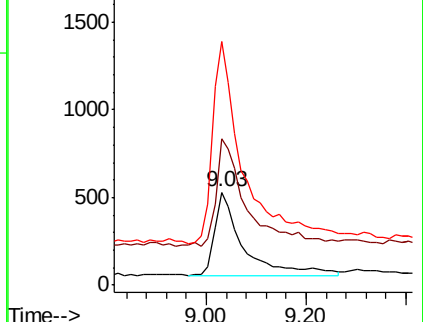
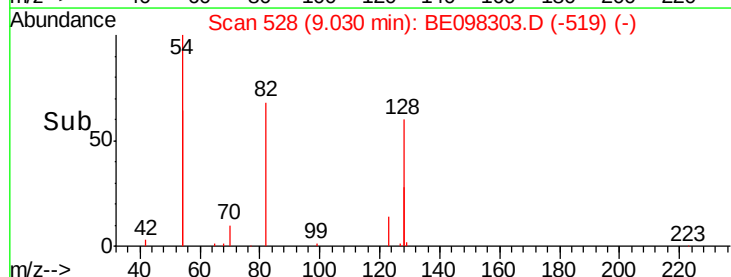
Tgt Ion:	82	Resp:	1882
Ion	Ratio	Lower	Upper
82	100		
128	158.4	102.4	153.6#
54	262.8	221.8	332.8

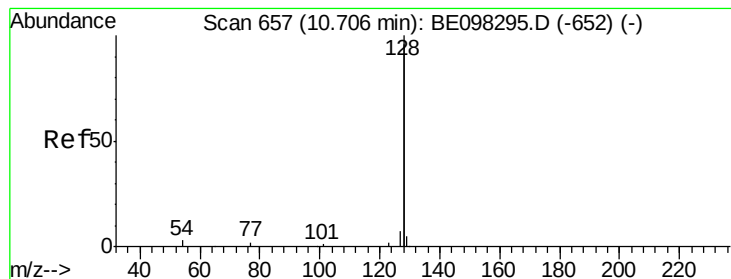


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.007 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

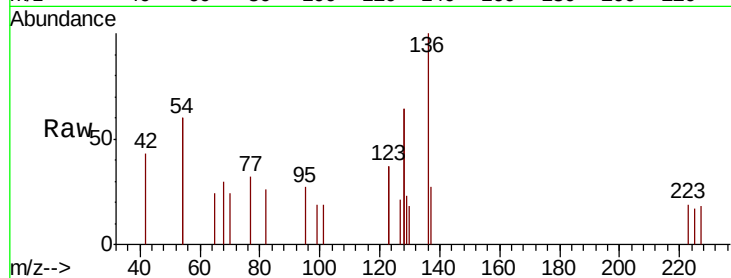
Tgt Ion:128 Resp: 398

Ion Ratio Lower Upper

128 100

129 18.0 2.5 3.7#

127 16.0 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

10.72

400

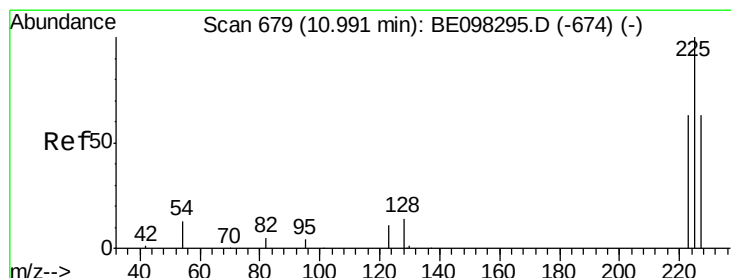
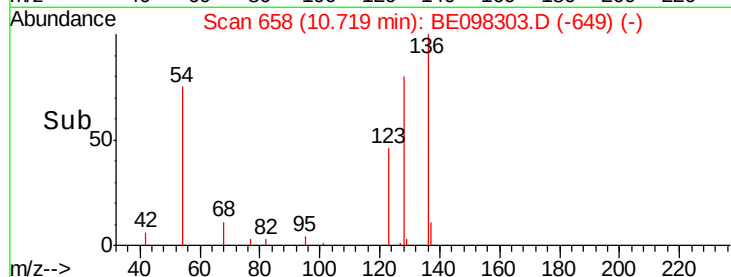
300

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

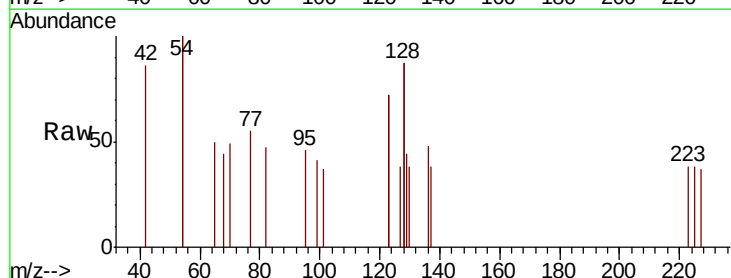
Tgt Ion:225 Resp: 9

Ion Ratio Lower Upper

225 100

223 0.0 49.4 74.0#

227 0.0 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

11.00

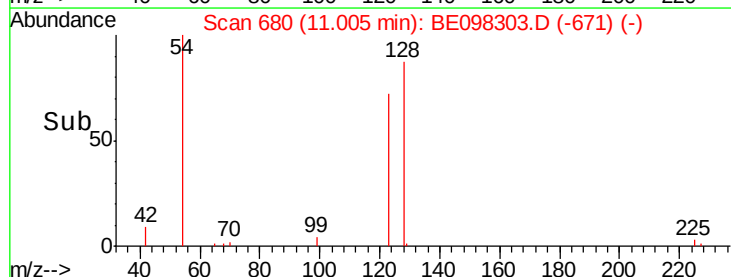
60

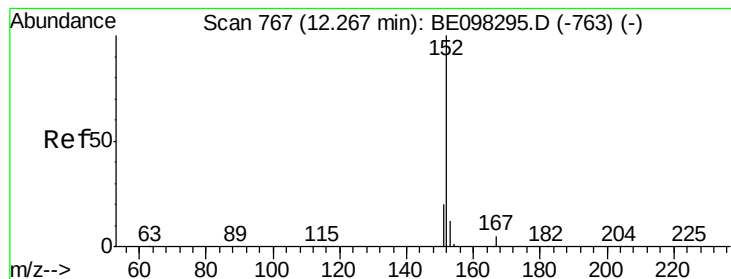
40

20

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

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BNA_E

ClientSampleId :

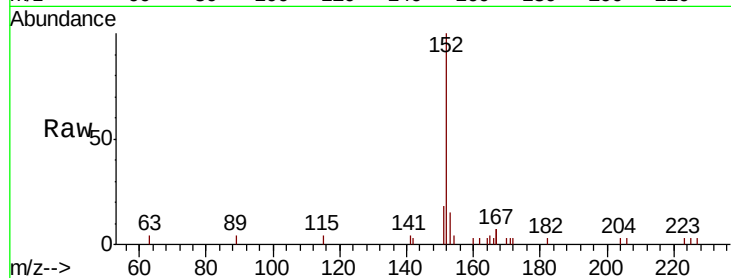
BPS1-TT-MW306D-20181205

Tgt Ion:152 Resp: 3379

Ion Ratio Lower Upper

152 100

151 16.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1500

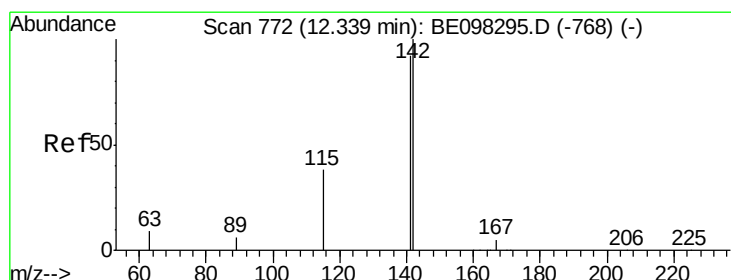
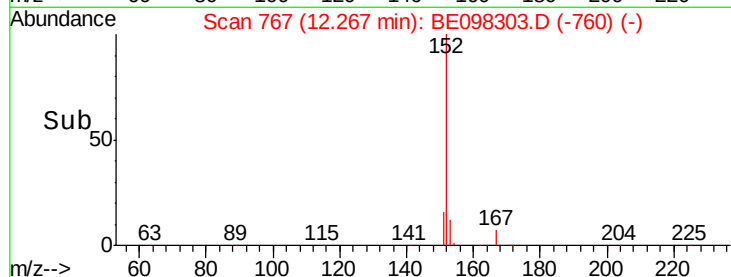
1000

500

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.005 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

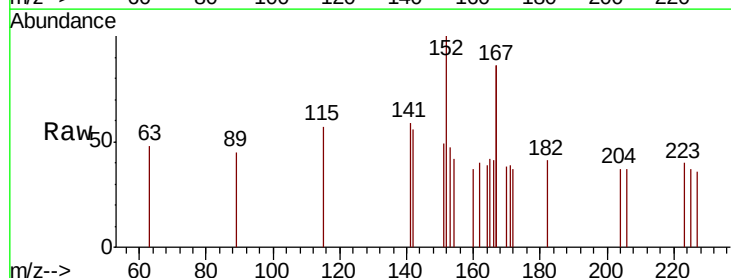
Tgt Ion:142 Resp: 48

Ion Ratio Lower Upper

142 100

141 104.4 71.0 106.6

115 101.5 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

12.34

80

60

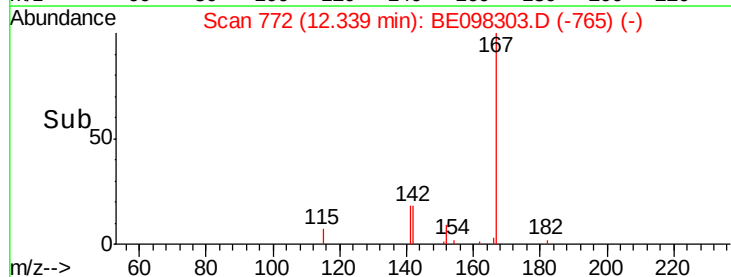
40

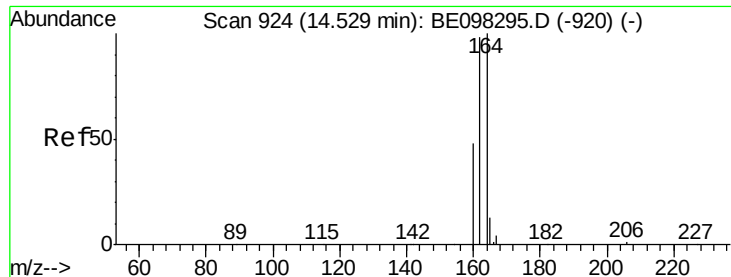
20

0

12.25 12.30 12.35 12.40

Time-->

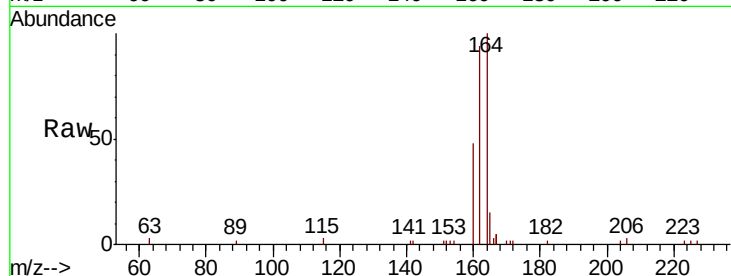




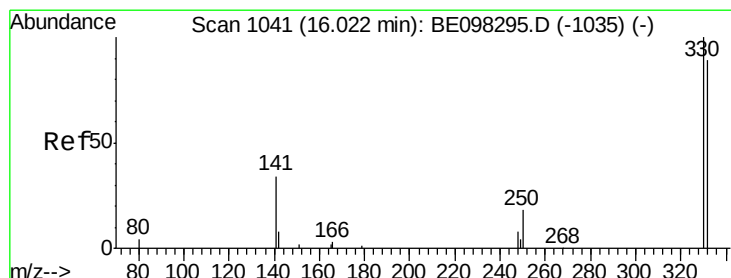
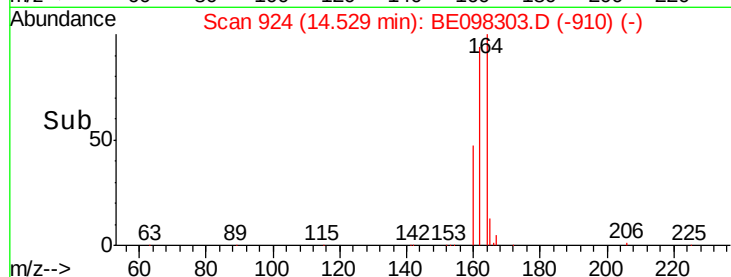
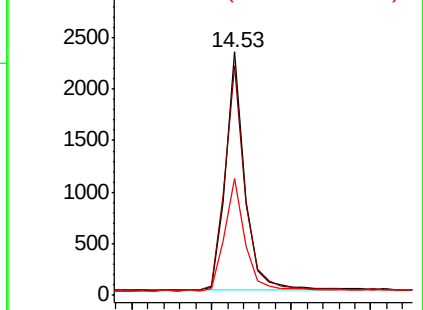
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20181205

Tgt Ion:164 Resp: 3894
Ion Ratio Lower Upper
164 100
162 94.2 77.6 116.4
160 47.9 36.0 54.0

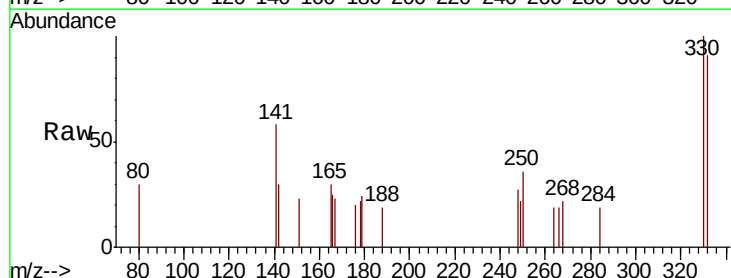


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

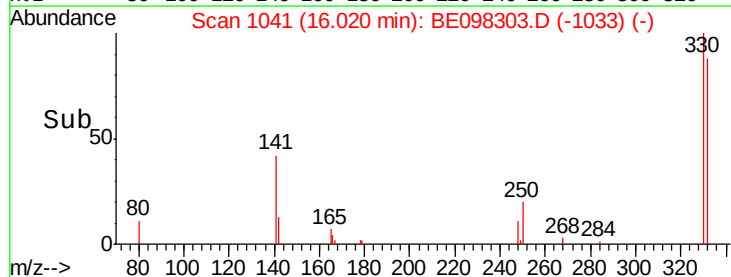
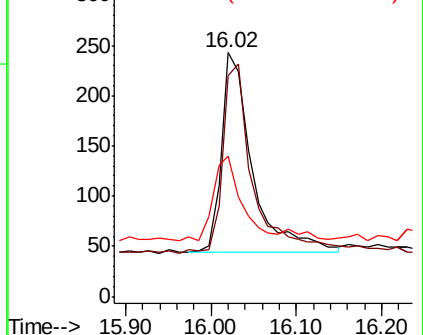


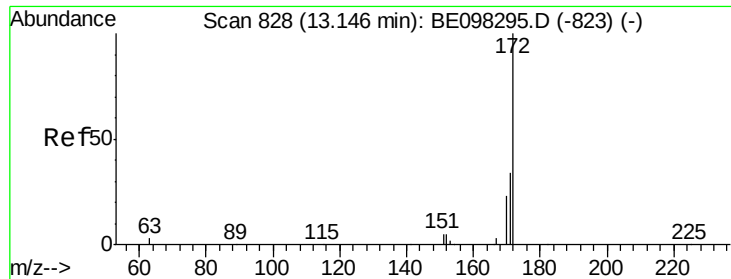
#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

Tgt Ion:330 Resp: 502
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 40.2 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

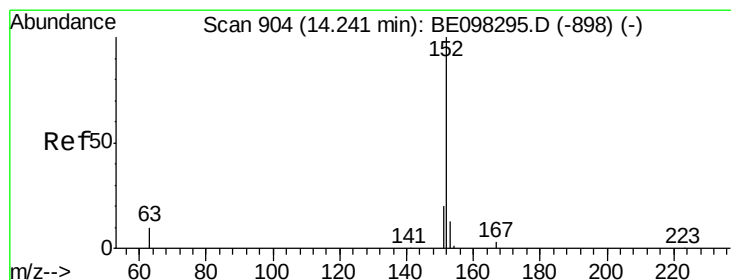
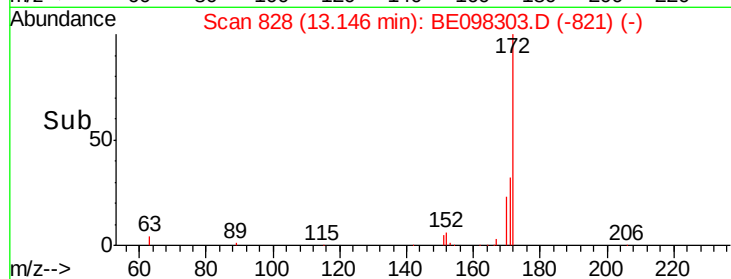
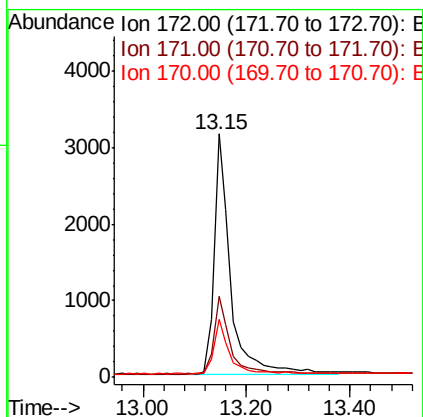
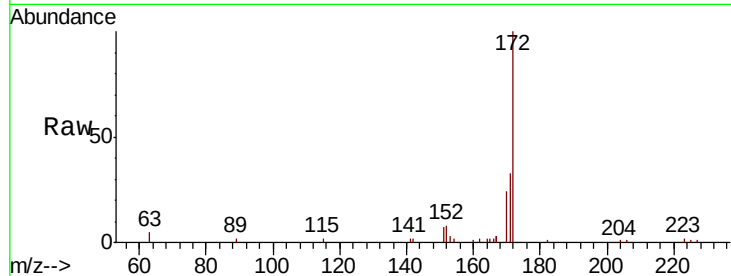




#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

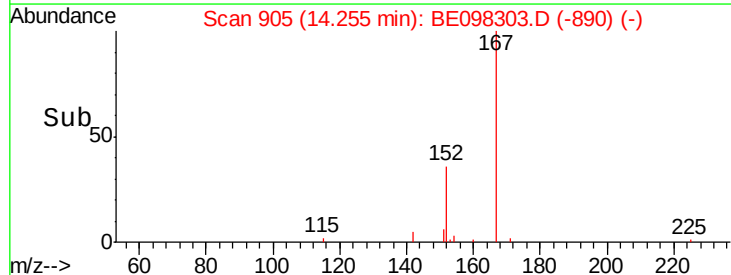
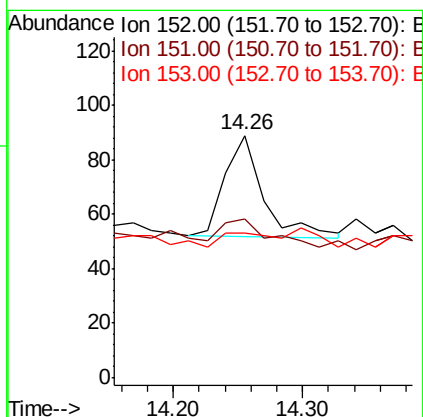
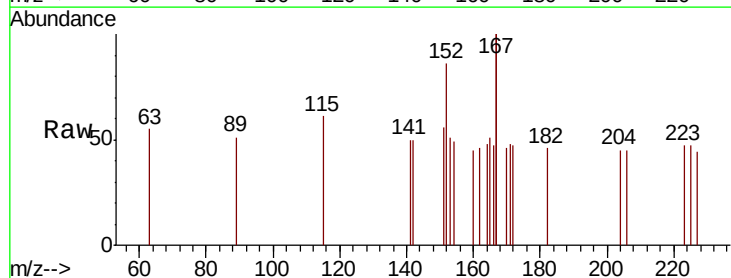
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20181205

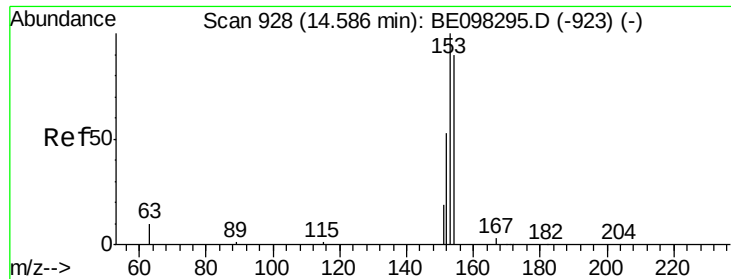
Tgt Ion:172 Resp: 7014
Ion Ratio Lower Upper
172 100
171 33.4 27.5 41.3
170 23.9 19.6 29.4



#16
Acenaphthylene
Concen: 0.004 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.01 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

Tgt Ion:152 Resp: 78
Ion Ratio Lower Upper
152 100
151 41.0 15.5 23.3#
153 19.2 10.6 16.0#

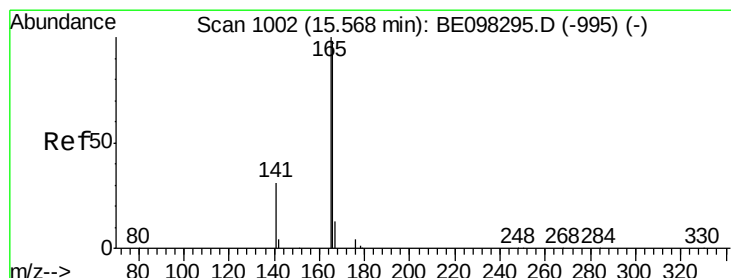
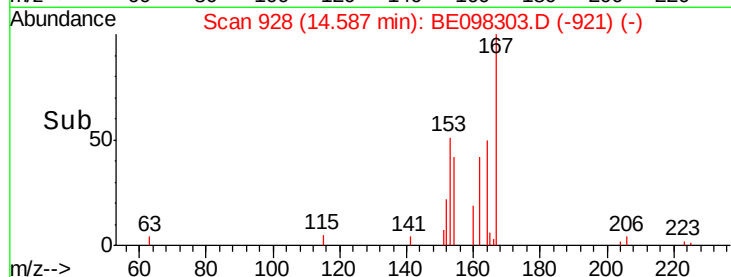
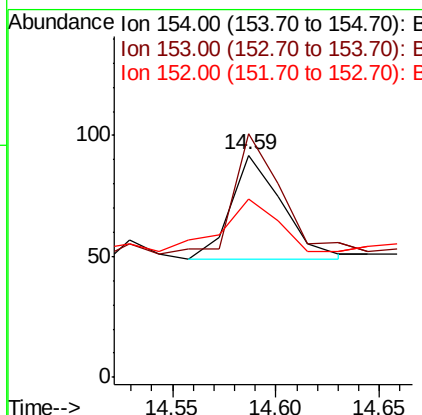
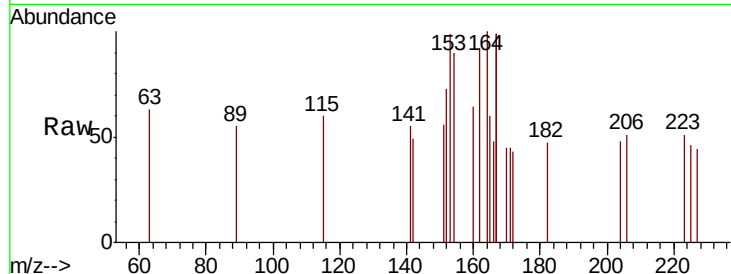




#17
Acenaphthene
Concen: 0.007 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

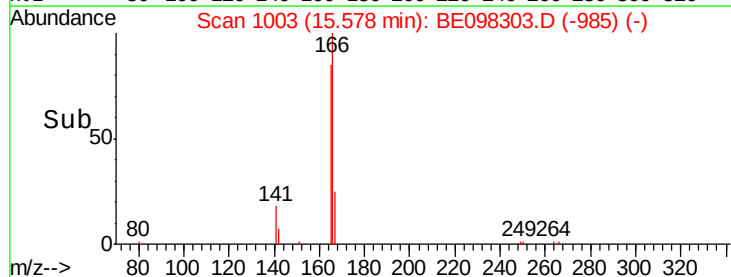
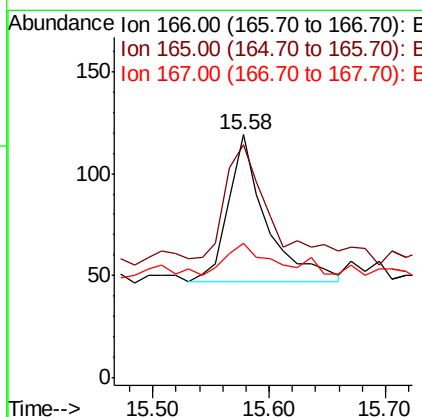
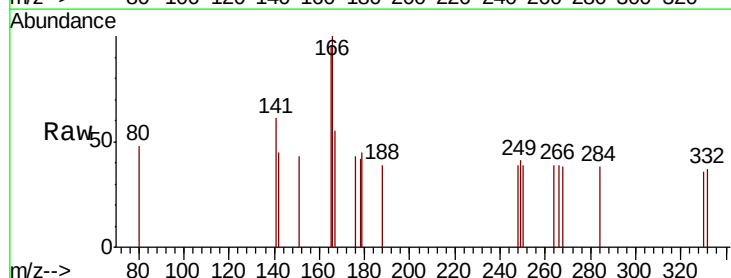
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306D-20181205

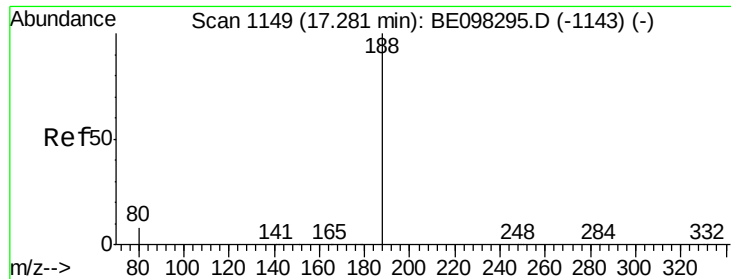
Tgt Ion:154 Resp: 74
Ion Ratio Lower Upper
154 100
153 101.4 91.8 137.6
152 55.4 45.5 68.3



#18
Fluorene
Concen: 0.011 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098303.D
Acq: 10 Dec 2018 18:11

Tgt Ion:166 Resp: 164
Ion Ratio Lower Upper
166 100
165 109.8 79.3 118.9
167 31.1 11.3 16.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

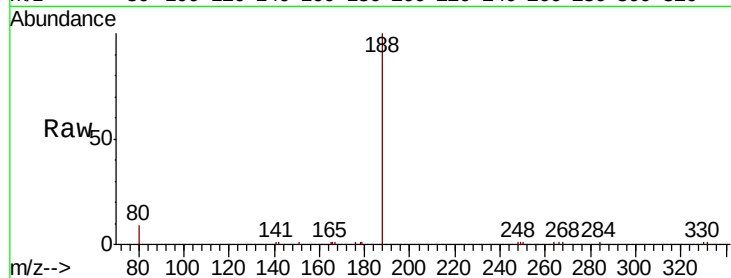
Tgt Ion:188 Resp: 10049

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

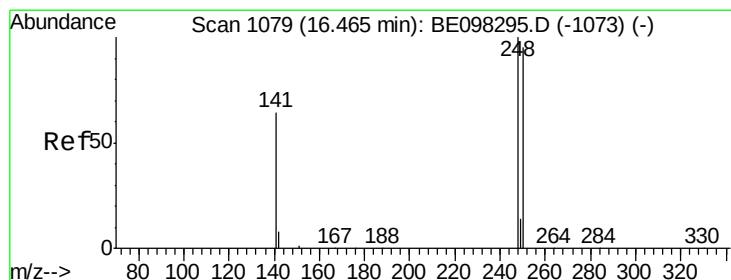
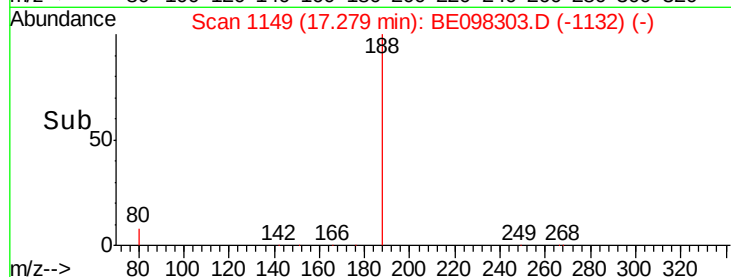
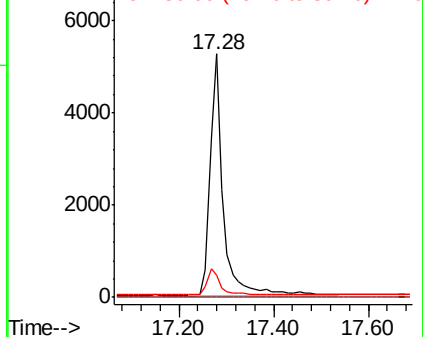
80 8.9 7.2 10.8



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: 0.015 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

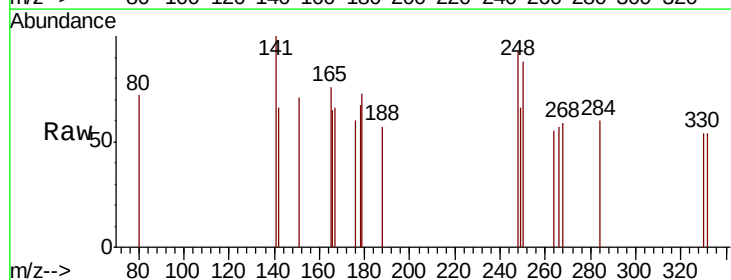
Tgt Ion:248 Resp: 80

Ion Ratio Lower Upper

248 100

250 94.8 71.0 106.6

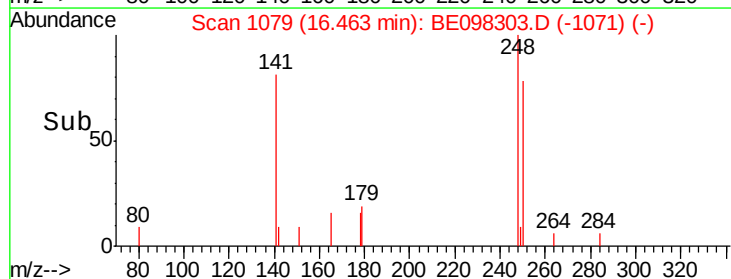
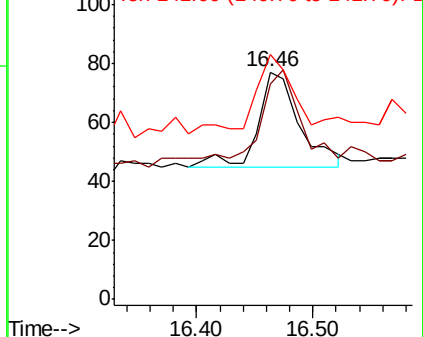
141 107.8 62.1 93.1#

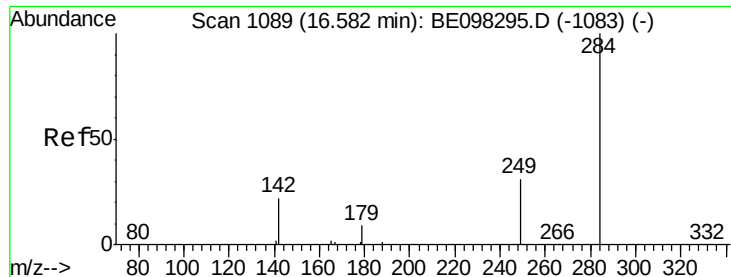


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.019 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

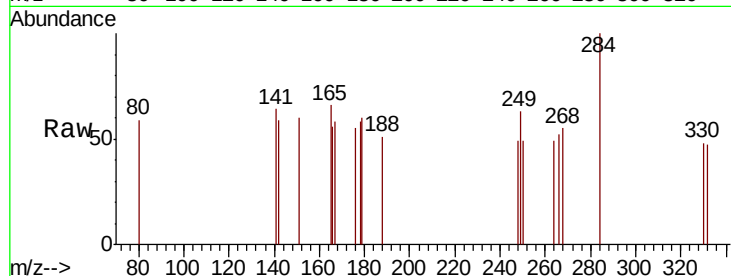
Tgt Ion:284 Resp: 108

Ion Ratio Lower Upper

284 100

142 0.0 26.3 39.5#

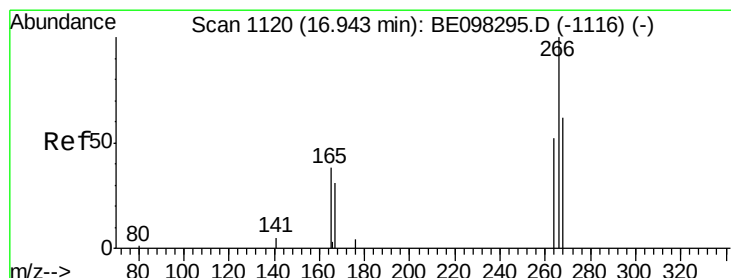
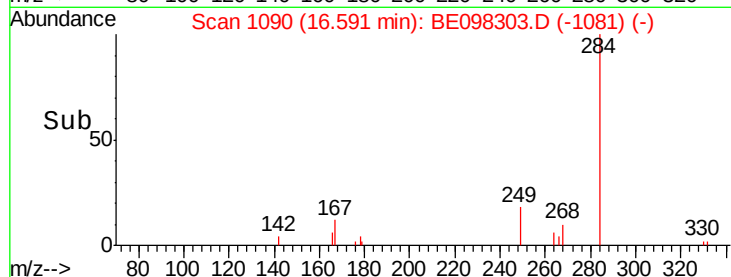
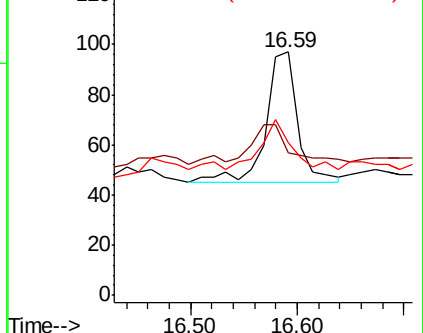
249 0.0 26.0 39.0#



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: 0.056 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

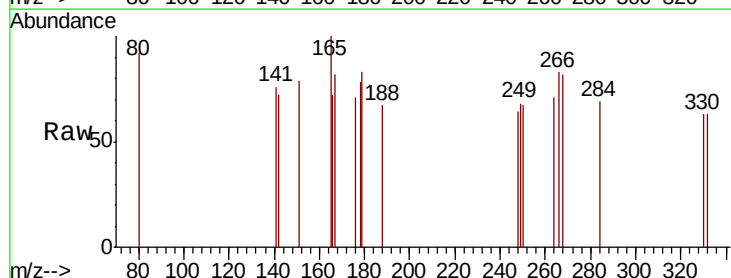
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 85.0 59.0 88.4

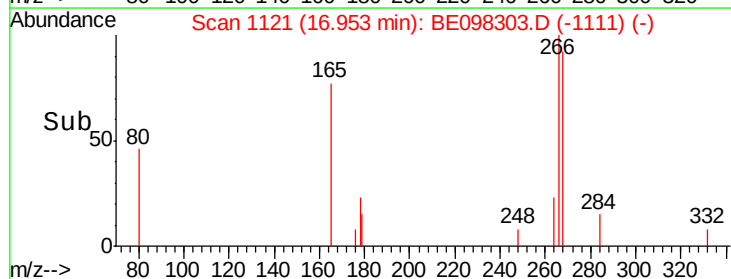
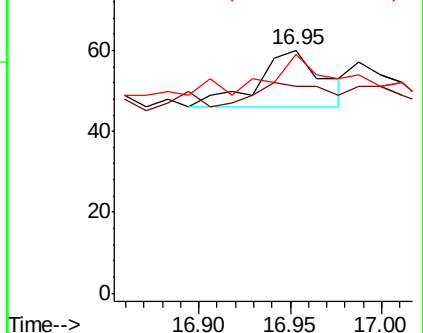
268 98.3 55.1 82.7#

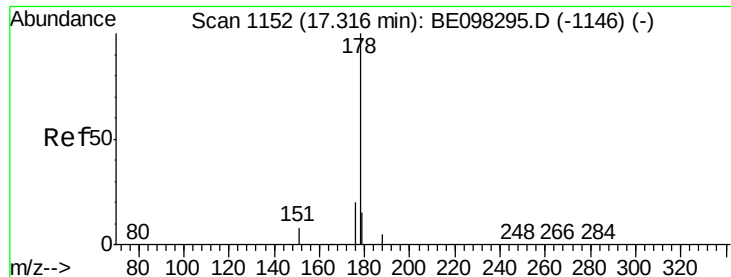


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

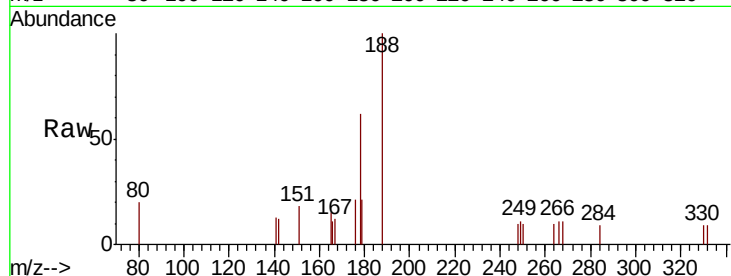
Tgt Ion:178 Resp: 506

Ion Ratio Lower Upper

178 100

176 26.9 15.9 23.9#

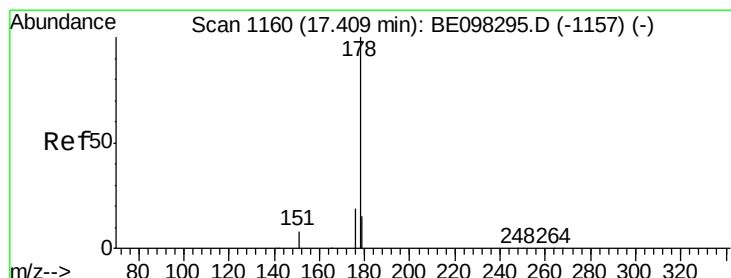
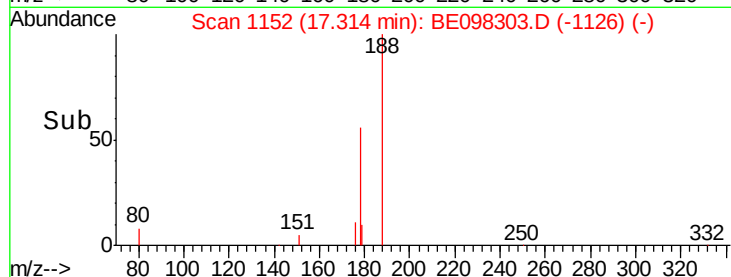
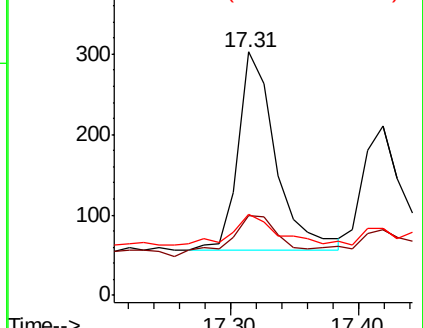
179 19.0 12.3 18.5#



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: 0.013 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

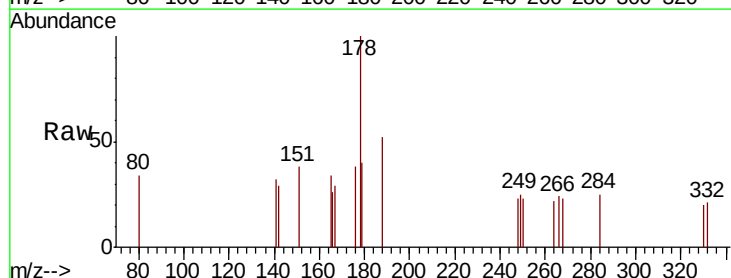
Tgt Ion:178 Resp: 282

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

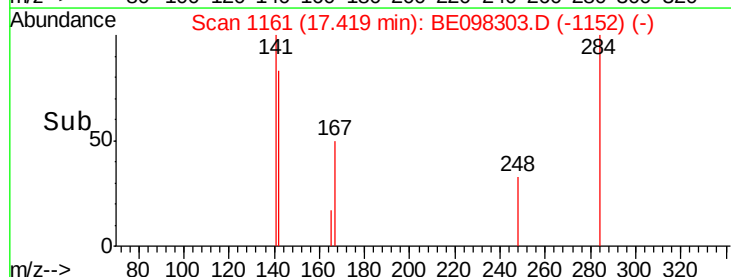
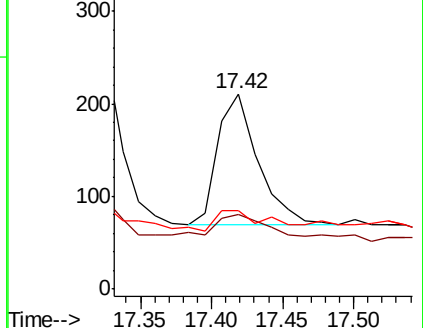
179 16.3 12.3 18.5

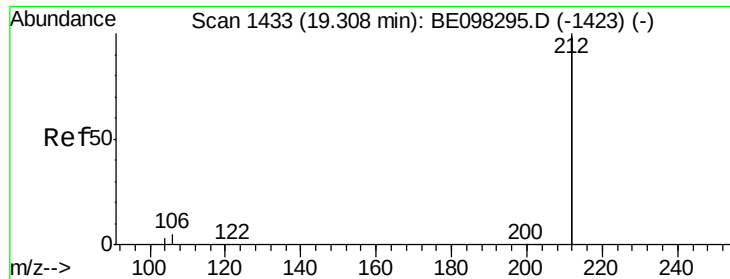


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

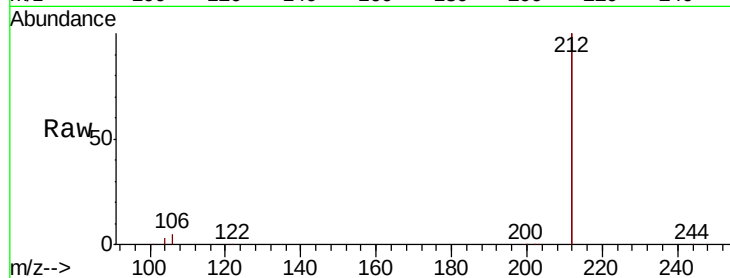
Tgt Ion:212 Resp: 49711

Ion Ratio Lower Upper

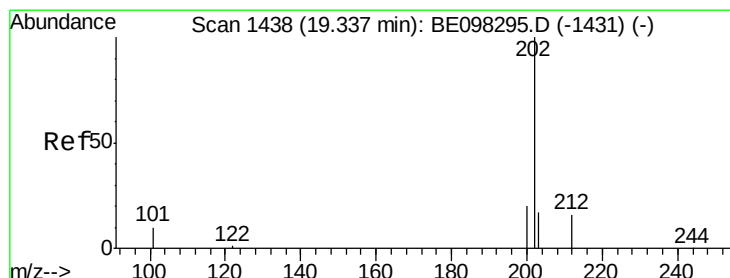
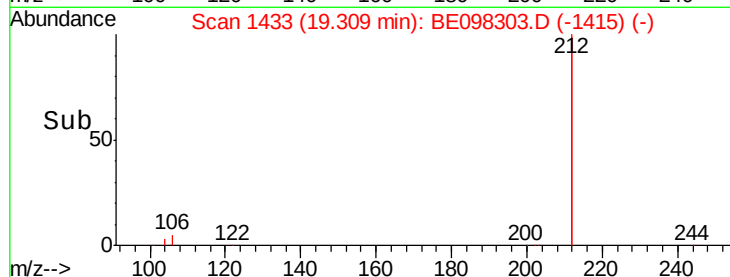
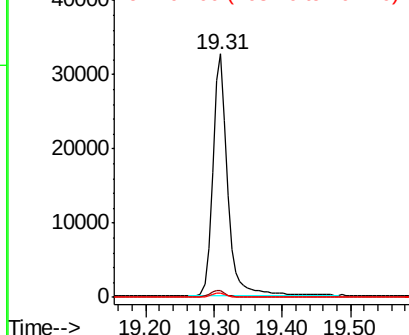
212 100

106 2.7 2.2 3.2

104 1.6 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.020 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

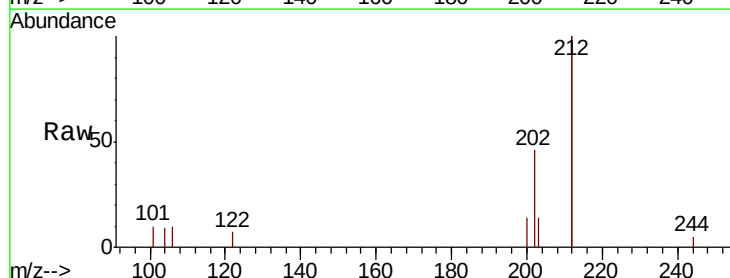
Tgt Ion:202 Resp: 656

Ion Ratio Lower Upper

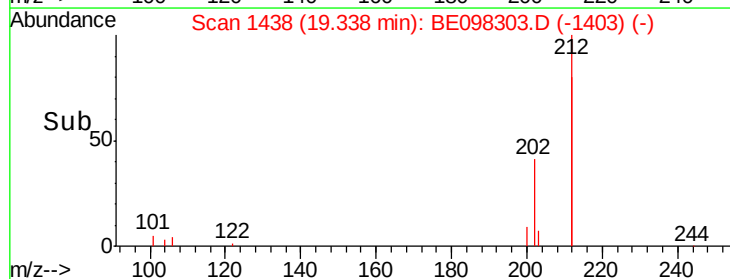
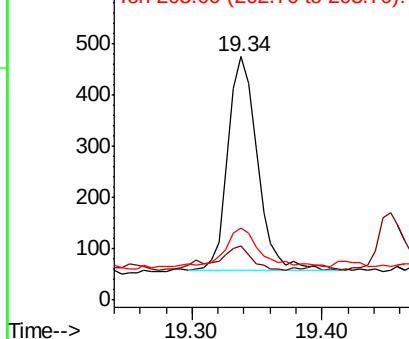
202 100

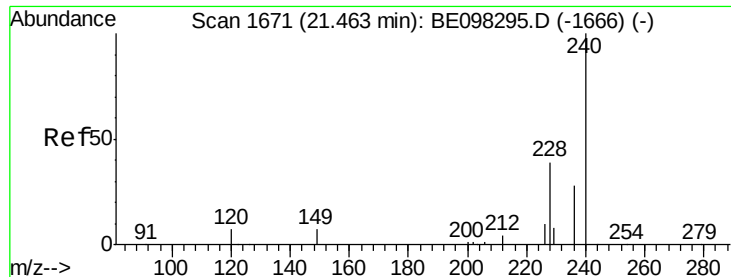
101 10.2 8.0 12.0

203 22.6 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

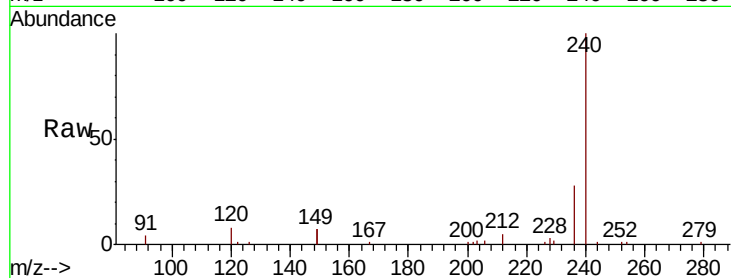
Tgt Ion:240 Resp: 12461

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

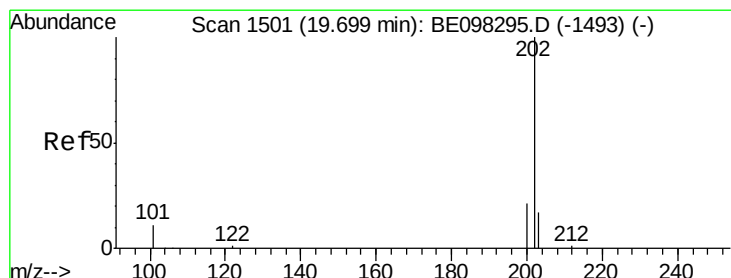
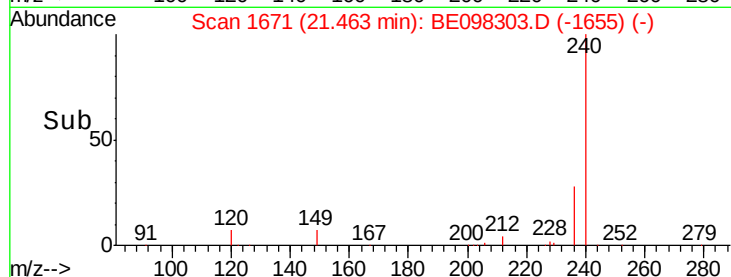
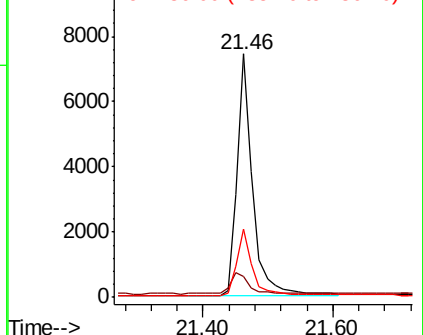
236 28.2 22.7 34.1



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: 0.018 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

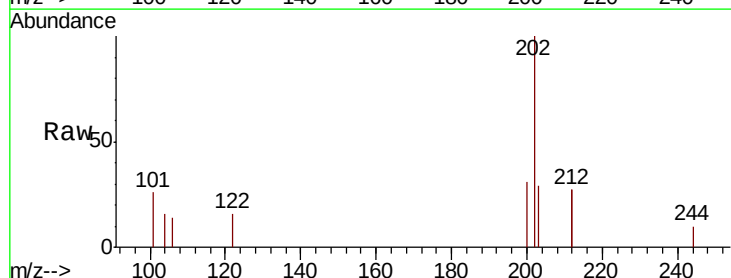
Tgt Ion:202 Resp: 709

Ion Ratio Lower Upper

202 100

200 21.9 16.7 25.1

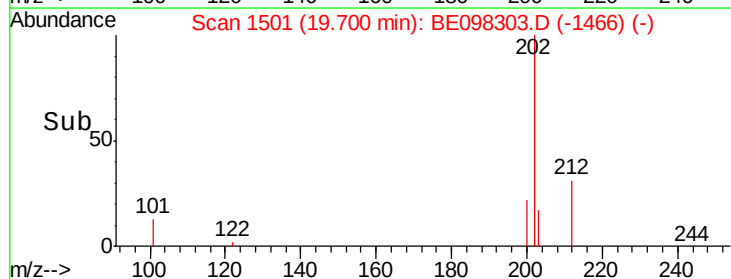
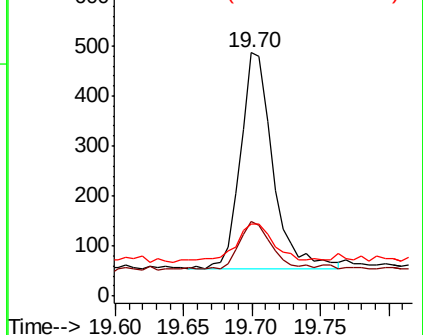
203 20.9 14.1 21.1

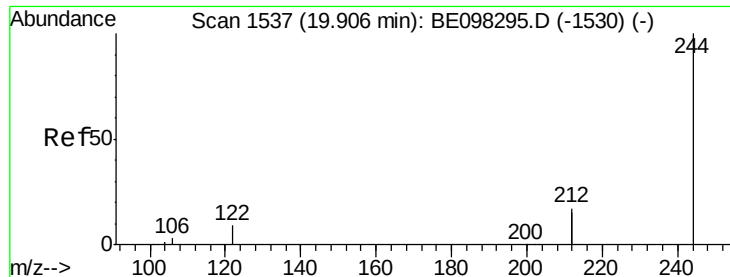


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

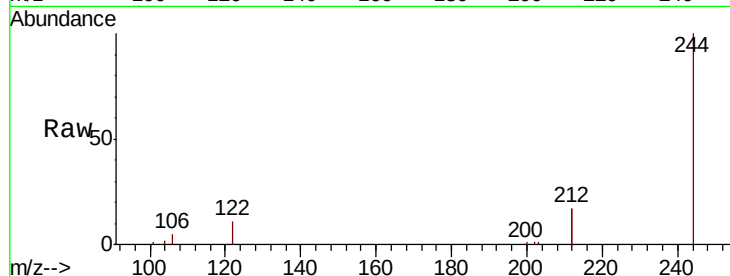
Tgt Ion:244 Resp: 11943

Ion Ratio Lower Upper

244 100

212 34.9 27.4 41.0

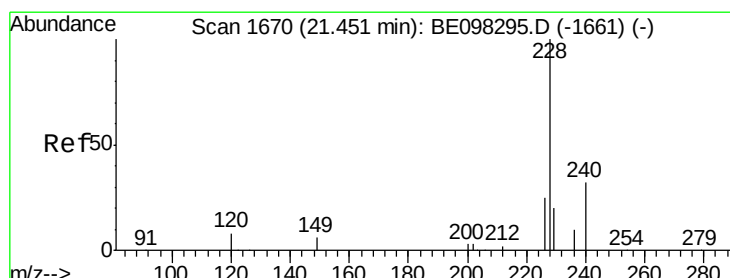
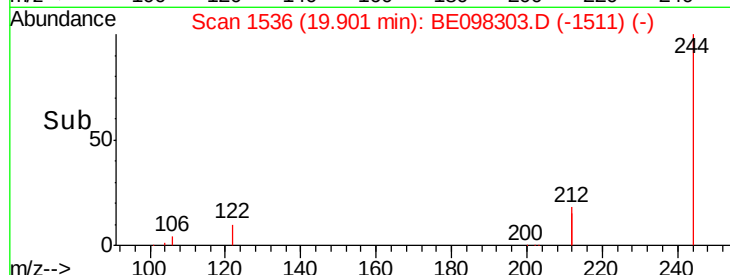
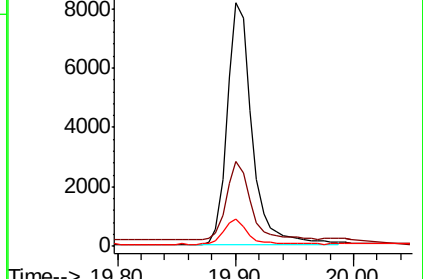
122 11.2 8.3 12.5



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: 0.022 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

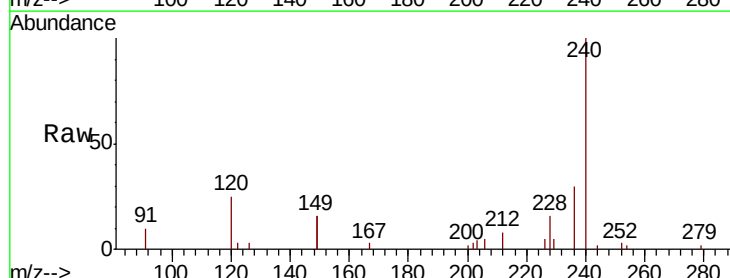
Tgt Ion:228 Resp: 777

Ion Ratio Lower Upper

228 100

226 32.3 21.8 32.8

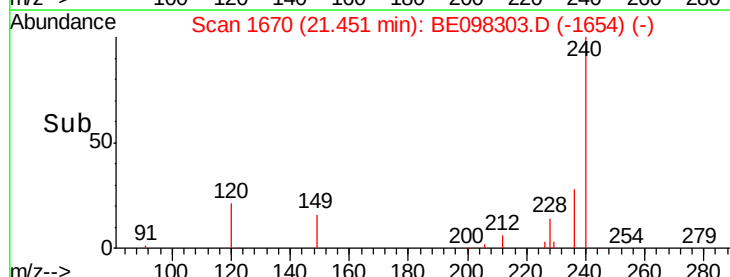
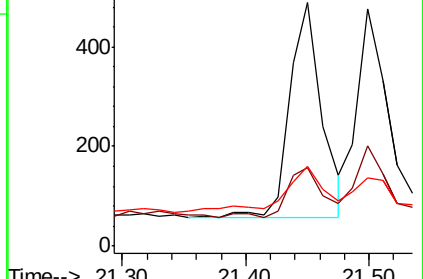
229 32.5 16.3 24.5#

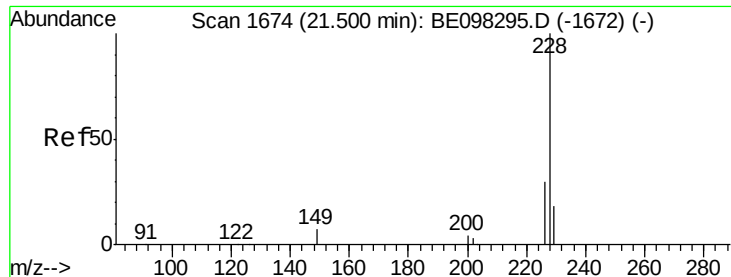


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.019 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

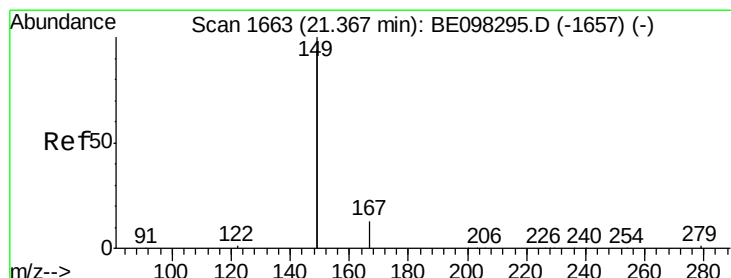
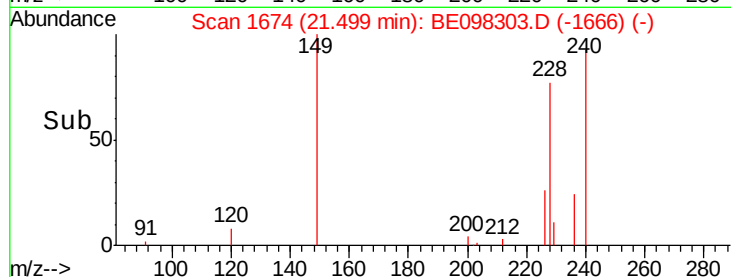
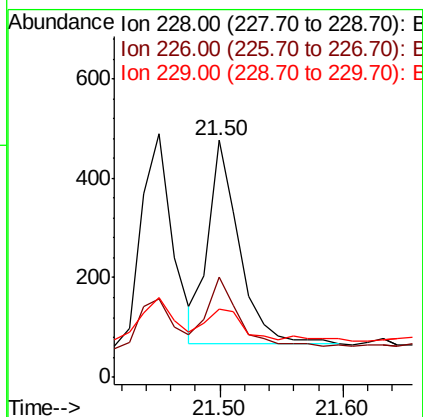
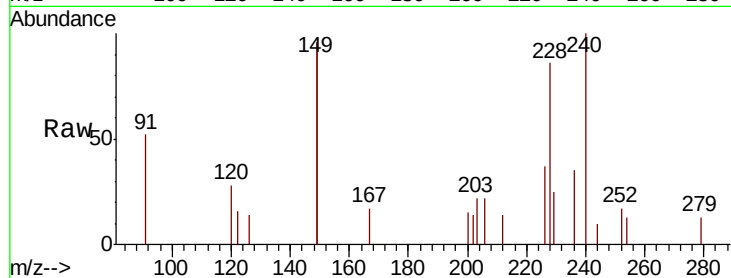
Tgt Ion:228 Resp: 717

Ion Ratio Lower Upper

228 100

226 42.4 23.4 35.0#

229 28.8 16.2 24.4#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.303 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

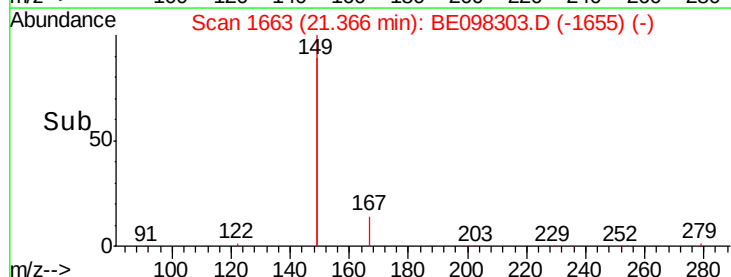
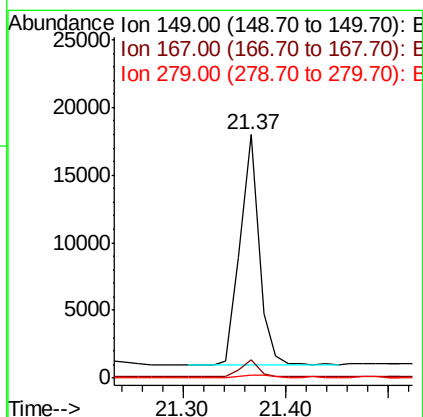
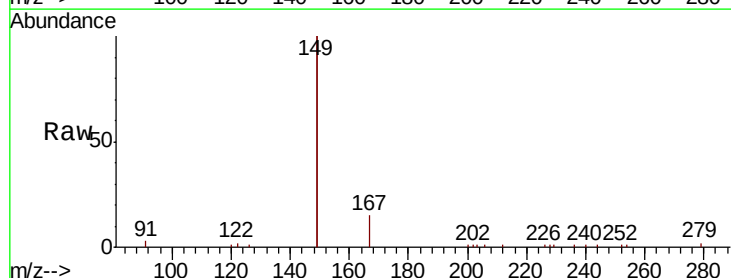
Tgt Ion:149 Resp: 21865

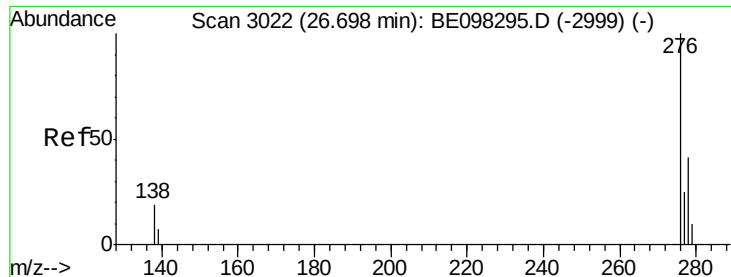
Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

279 1.0 1.0 1.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 26.72 min Scan# 3027

Delta R.T. 0.02 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

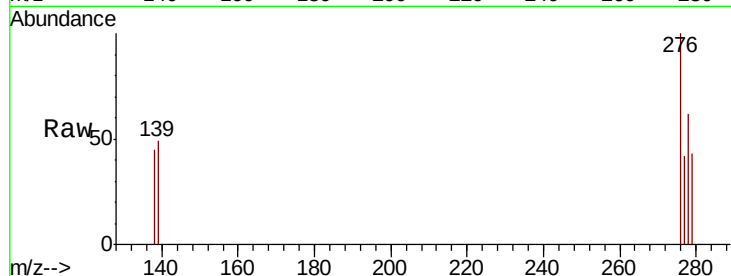
Tgt Ion: 276 Resp: 857

Ion Ratio Lower Upper

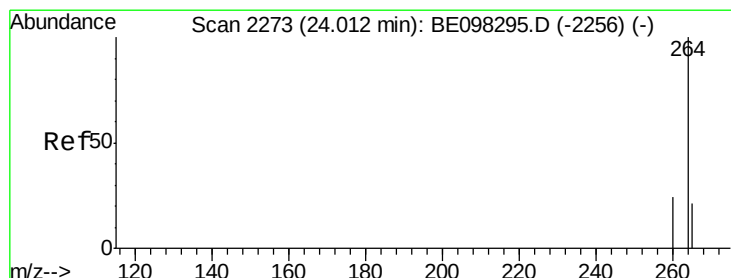
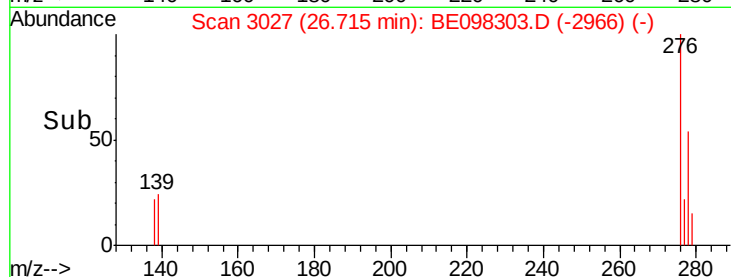
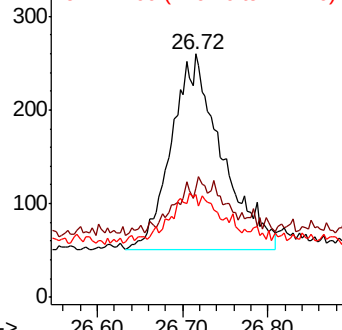
276 100

138 1.6 16.3 24.5#

277 0.0 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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

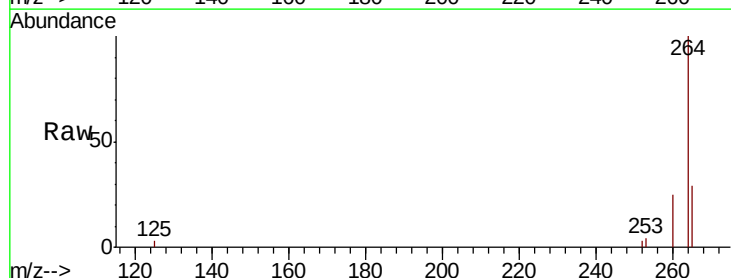
Tgt Ion: 264 Resp: 11949

Ion Ratio Lower Upper

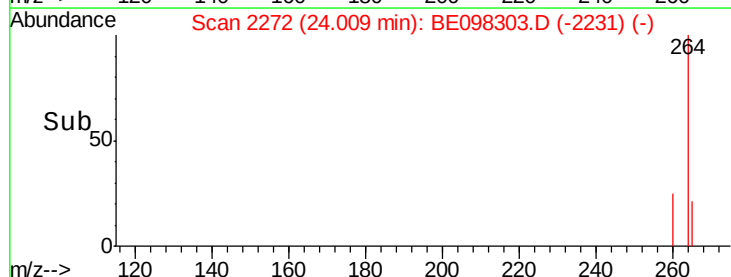
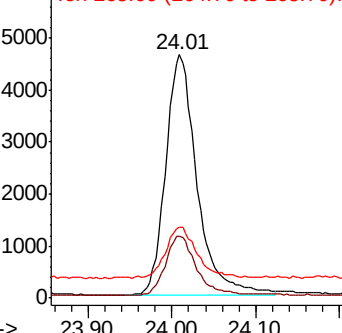
264 100

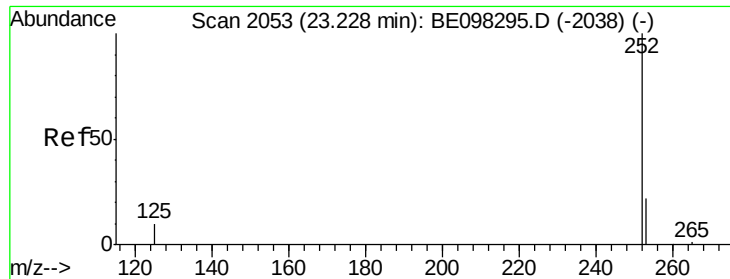
260 25.4 20.2 30.2

265 28.9 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: 0.025 ng

RT: 23.24 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

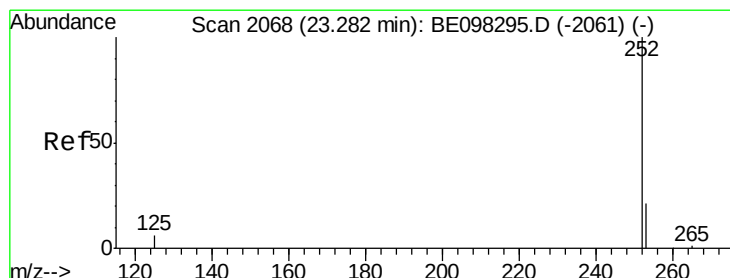
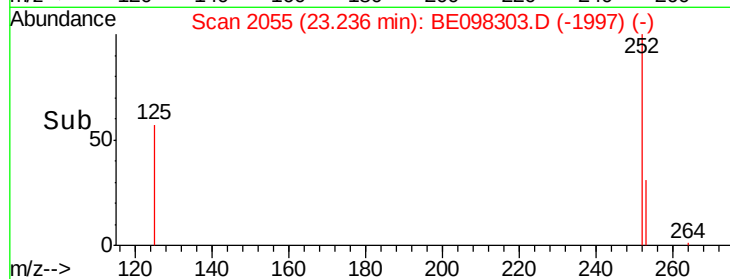
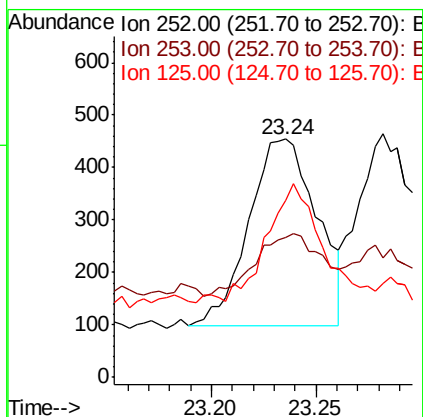
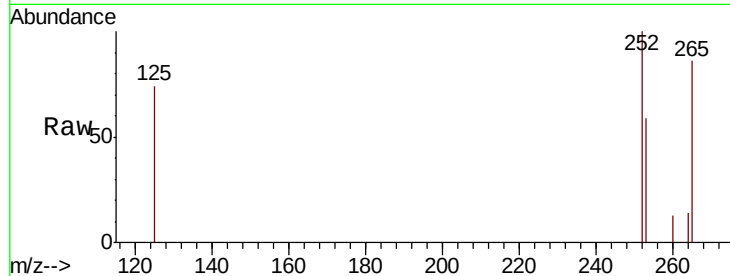
Tgt Ion:252 Resp: 803

Ion Ratio Lower Upper

252 100

253 58.8 20.0 30.0#

125 74.4 9.6 14.4#



#36

Benzo(k)fluoranthene

Concen: 0.021 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

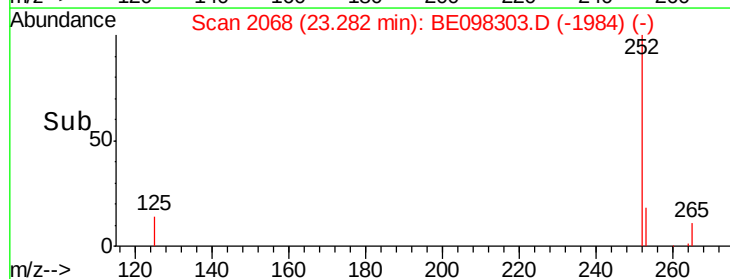
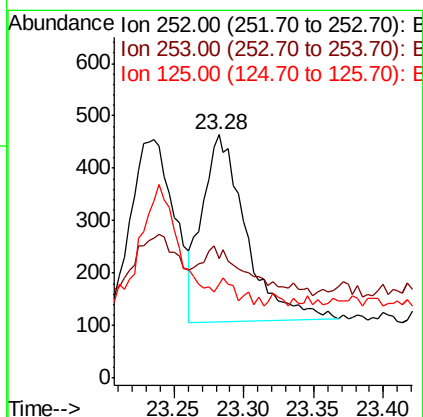
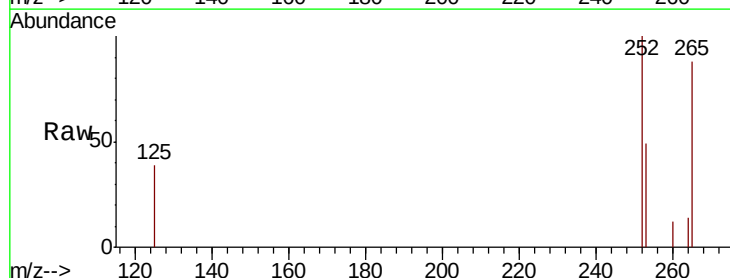
Tgt Ion:252 Resp: 781

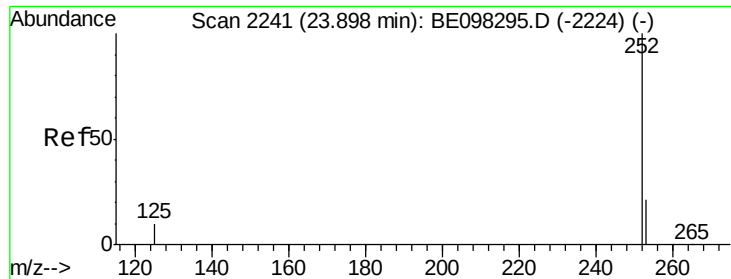
Ion Ratio Lower Upper

252 100

253 49.1 19.0 28.6#

125 38.8 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205

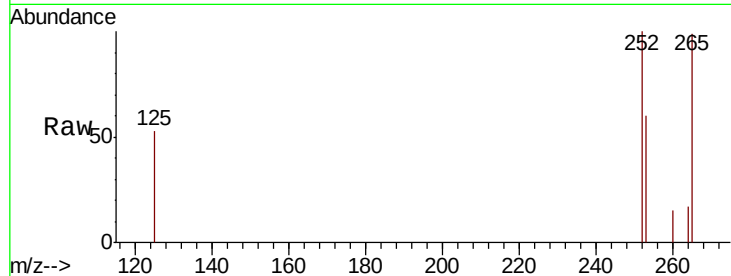
Tgt Ion: 252 Resp: 762

Ion Ratio Lower Upper

252 100

253 60.2 20.6 30.8#

125 52.6 10.5 15.7#

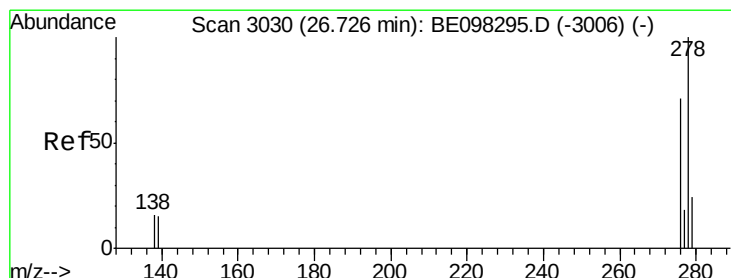
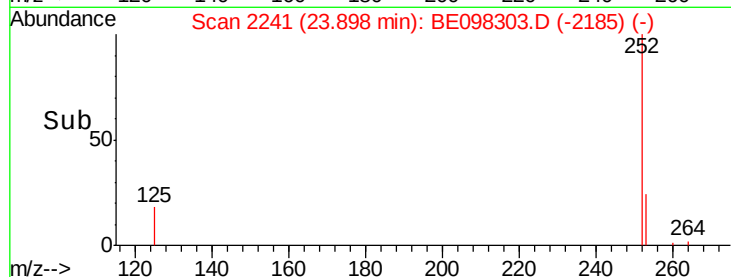
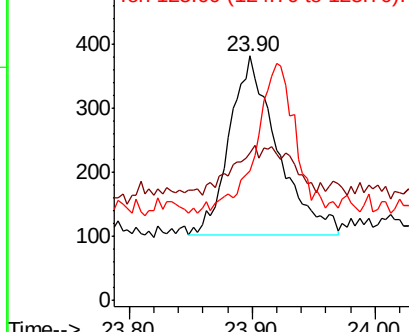


Abundance

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: 0.020 ng

RT: 26.73 min Scan# 3032

Delta R.T. 0.01 min

Lab File: BE098303.D

Acq: 10 Dec 2018 18:11

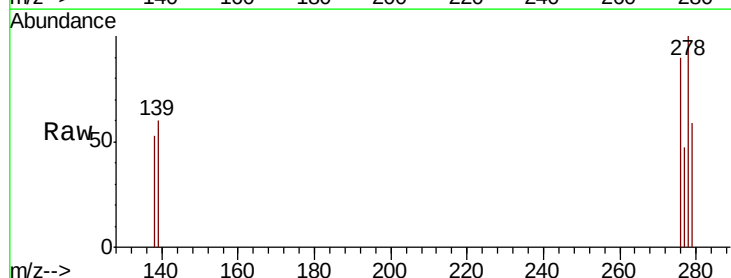
Tgt Ion: 278 Resp: 648

Ion Ratio Lower Upper

278 100

139 60.0 14.5 21.7#

279 58.6 21.8 32.8#

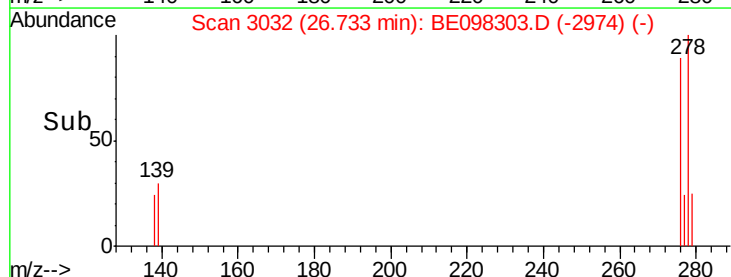
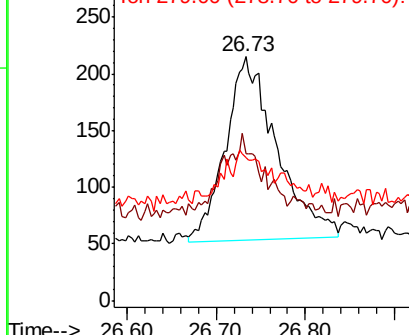


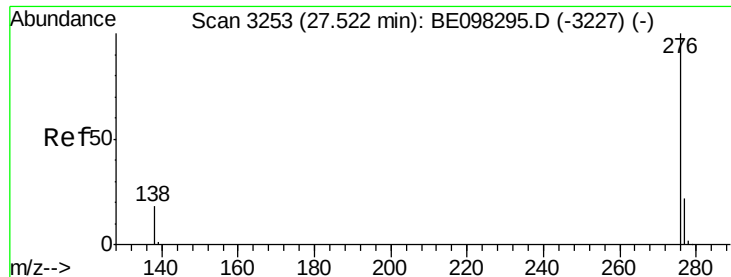
Abundance

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: 0.022 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.01 min

Lab File: BE098303.D

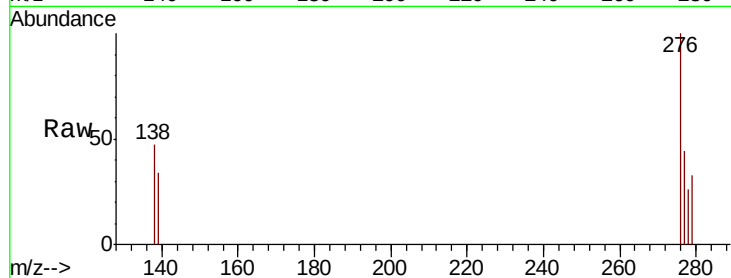
Acq: 10 Dec 2018 18:11

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306D-20181205



Tgt Ion: 276 Resp: 720

Ion Ratio Lower Upper

276 100

277 43.5 20.8 31.2#

138 47.0 15.8 23.6#

