

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098307.D
 Acq On : 10 Dec 2018 20:40
 Operator : SJ/JU
 Sample : J6259-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20181205

Quant Time: Dec 11 00:48:48 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	1243	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4993	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3281	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8650	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11786	0.40	ng	0.00
34) Perylene-d12	24.01	264	11305	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	461	0.16	ng	0.00
5) Phenol-d6	7.04	99	334	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1726	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3080	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	433	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6230	0.45	ng	0.00
25) Fluoranthene-d10	19.31	212	48615	0.44	ng	0.00
29) Terphenyl-d14	19.91	244	10693	0.37	ng	0.00

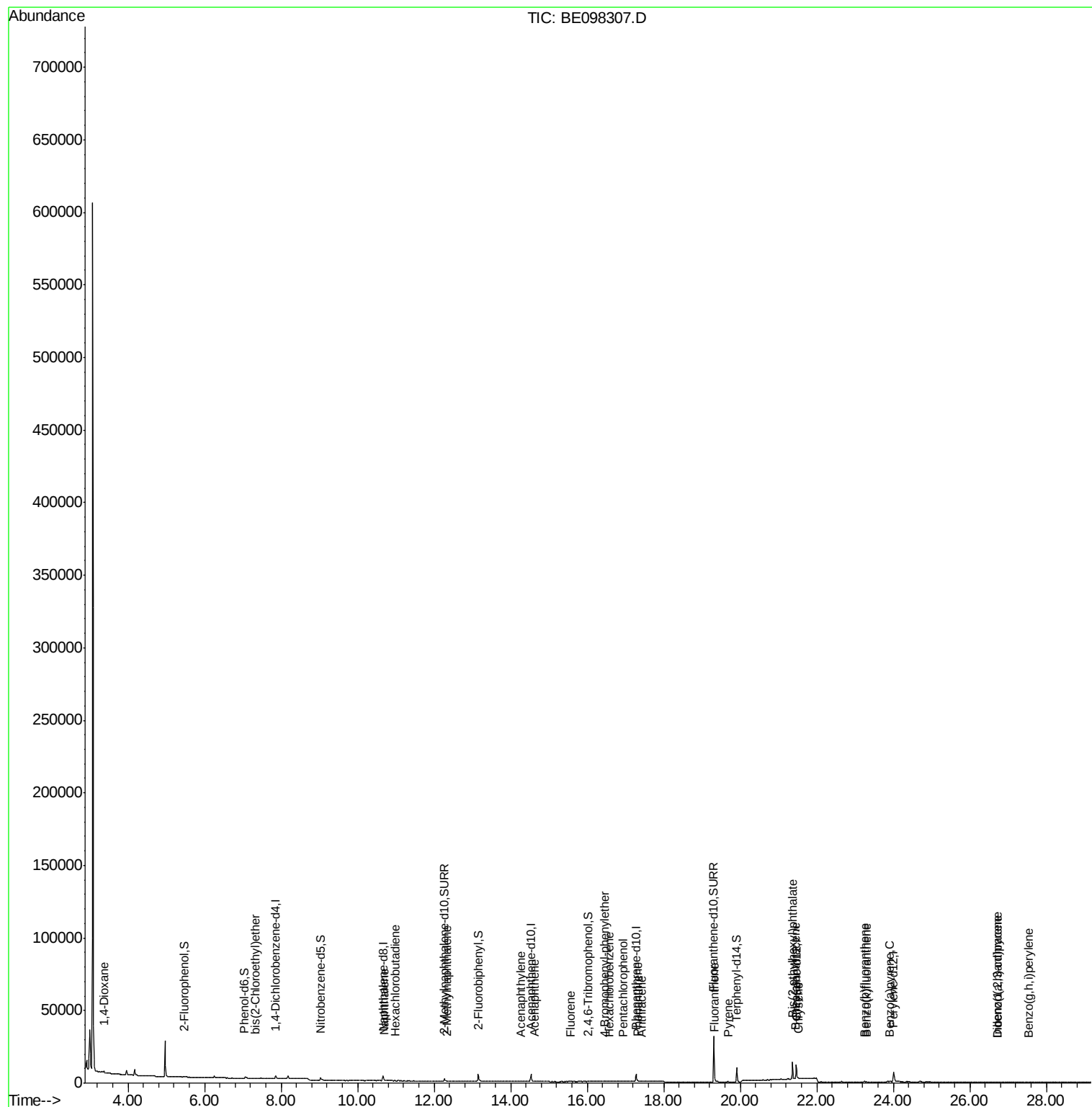
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	755	0.351	ng	# 73
6) bis(2-Chloroethyl)ether	7.32	93	14	0.004	ng	# 74
9) Naphthalene	10.70	128	126	0.003	ng	# 49
10) Hexachlorobutadiene	10.99	225	7	0.002	ng	# 6
12) 2-Methylnaphthalene	12.34	142	20	0.002	ng	# 60
16) Acenaphthylene	14.25	152	36	0.002	ng	# 57
17) Acenaphthene	14.61	154	10	0.001	ng	# 65
18) Fluorene	15.57	166	16	0.001	ng	# 11
20) 4-Bromophenyl-phenylether	16.46	248	11	0.002	ng	# 75
21) Hexachlorobenzene	16.57	284	8	0.002	ng	# 1
22) Pentachlorophenol	16.93	266	12	0.032	ng	# 74
23) Phenanthrene	17.31	178	103	0.005	ng	# 68
24) Anthracene	17.42	178	48	0.003	ng	# 2
26) Fluoranthene	19.34	202	62	0.002	ng	# 90
28) Pyrene	19.70	202	86	0.002	ng	# 95
30) Benzo(a)anthracene	21.45	228	89	0.003	ng	# 1
31) Chrysene	21.51	228	51	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.37	149	13788	0.202	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.71	276	16	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.23	252	91	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	32	0.001	ng	# 1
37) Benzo(a)pyrene	23.90	252	49	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	9	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	20	0.001	ng	# 1

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

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QLast Update : Mon Dec 10 14:59:55 2018
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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: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

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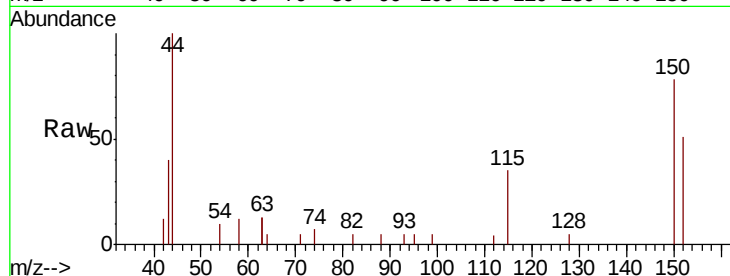
Tgt Ion:152 Resp: 1243

Ion Ratio Lower Upper

152 100

150 152.8 124.2 186.4

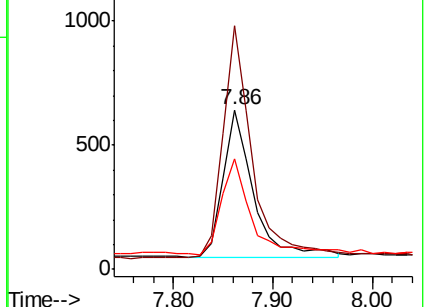
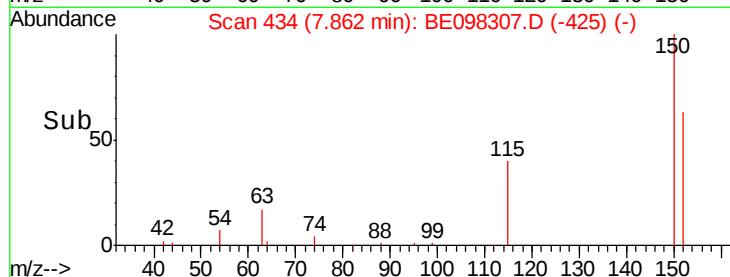
115 69.0 53.9 80.9



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: 0.351 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

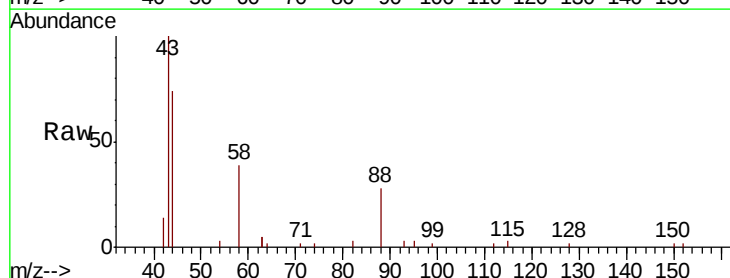
Tgt Ion: 88 Resp: 755

Ion Ratio Lower Upper

88 100

58 96.4 75.0 112.6

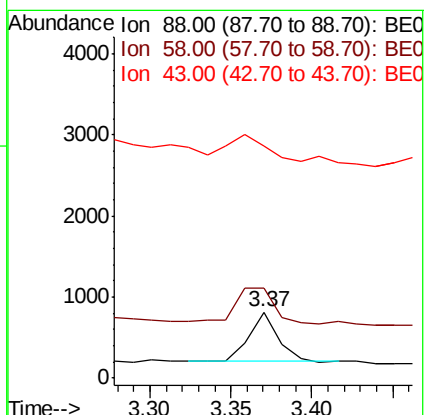
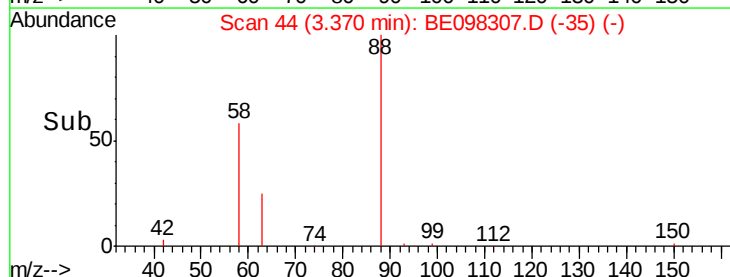
43 98.1 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

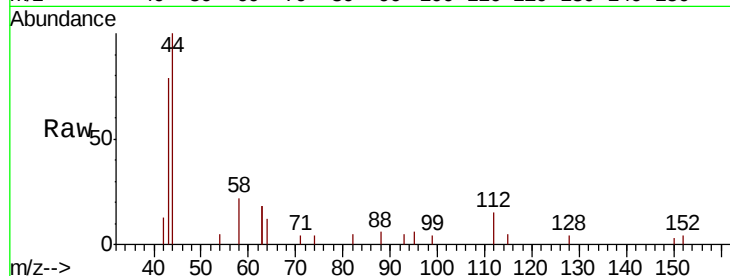
Tgt Ion: 112 Resp: 461

Ion Ratio Lower Upper

112 100

64 77.0 59.8 89.8

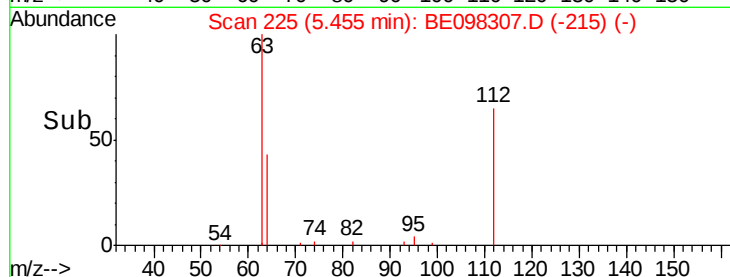
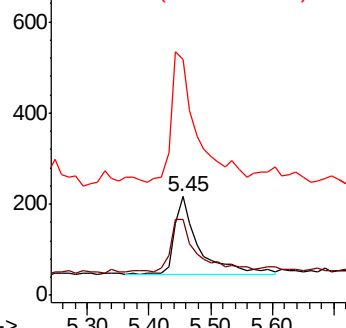
63 178.3 133.7 200.5



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: 0.081 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

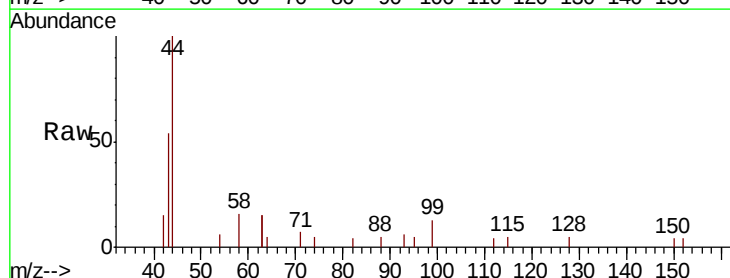
Tgt Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 62.0 26.3 39.5#

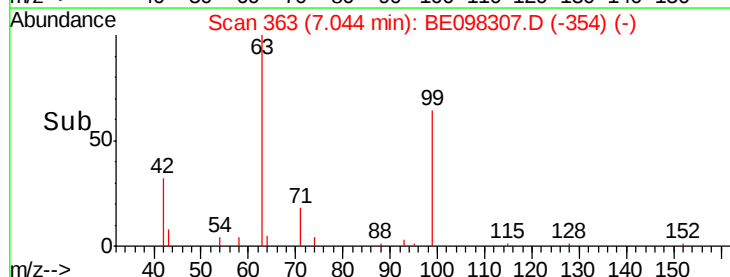
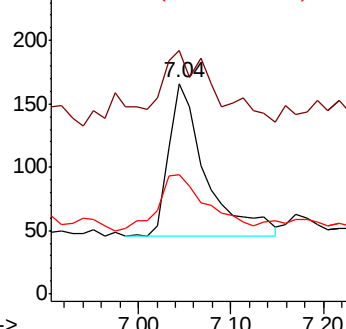
71 48.5 33.6 50.4

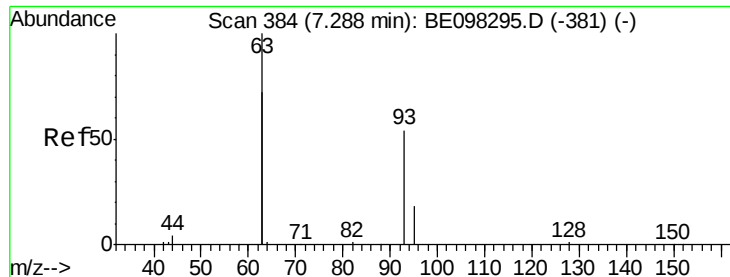


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.03 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

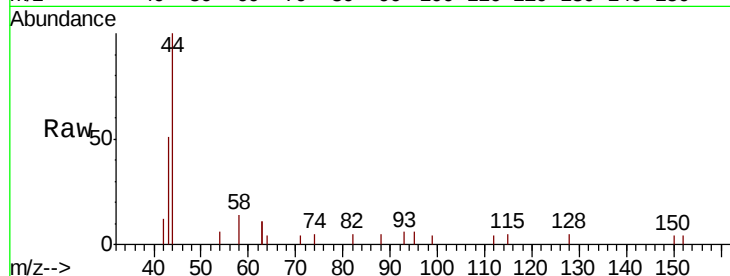
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 378.6 264.4 396.6

95 0.0 26.6 40.0#



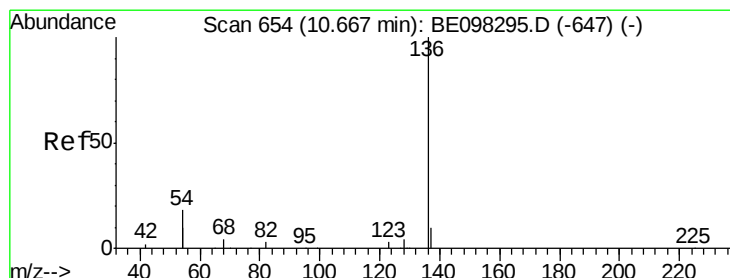
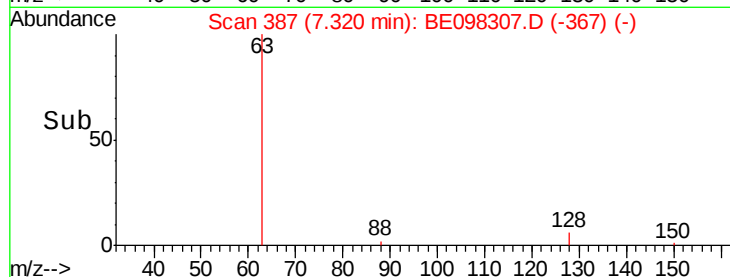
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->

7.28 7.30 7.32 7.34



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Tgt Ion: 136 Resp: 4993

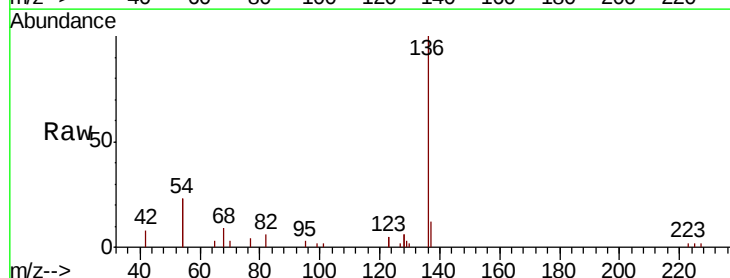
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 46.6 28.4 42.6#

68 8.7 5.4 8.0#



Abundance Ion 136.00 (135.70 to 136.70): E

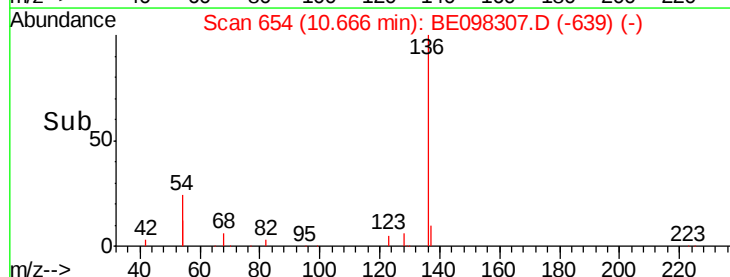
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

10.60 10.70 10.80

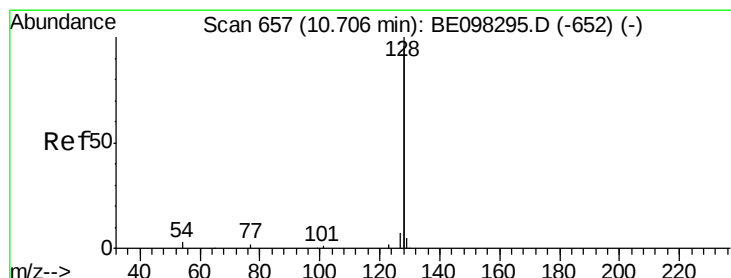
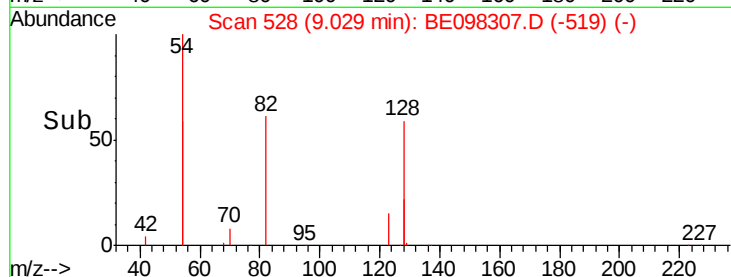
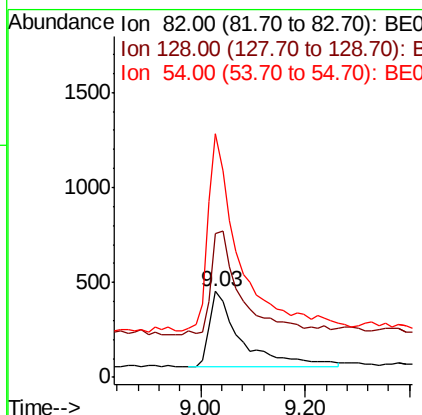
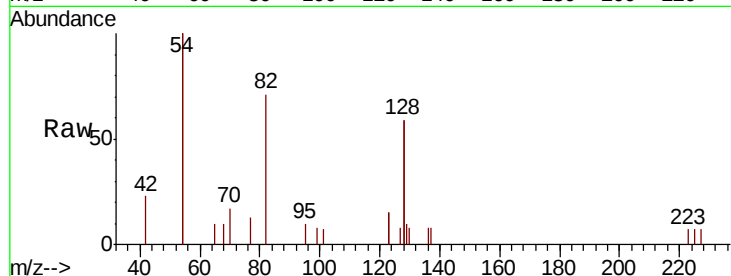




#8
 Nitrobenzene-d5
 Concen: 0.380 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

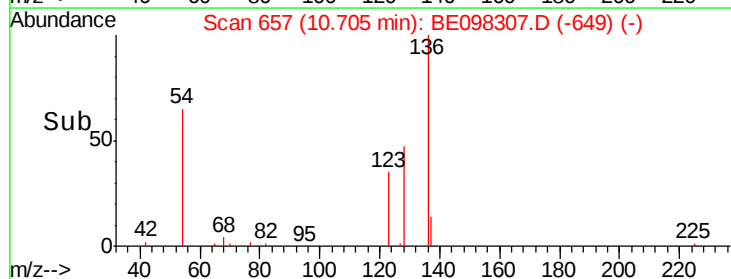
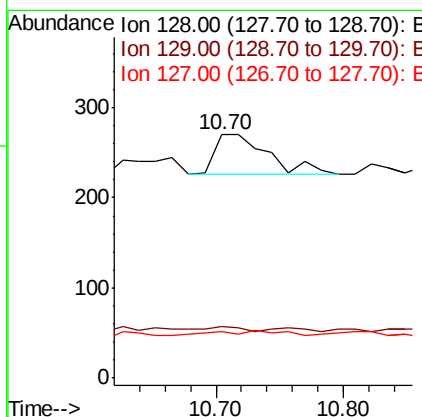
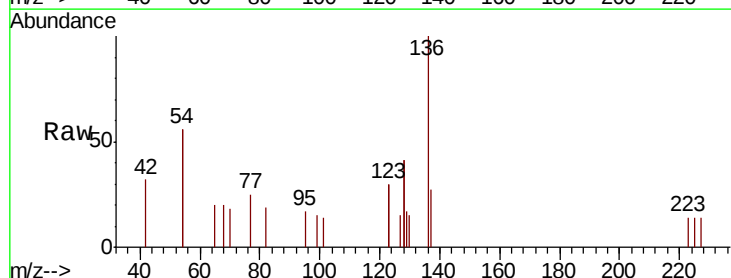
Instrument :
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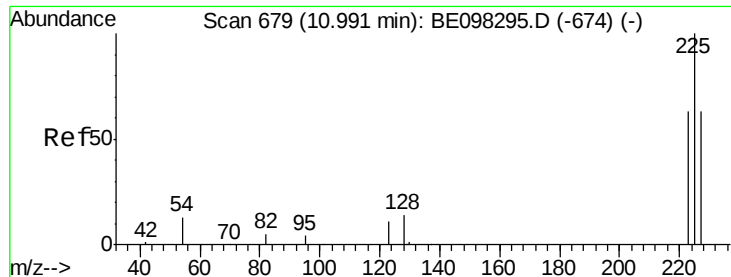
Tgt Ion: 82 Resp: 1726
 Ion Ratio Lower Upper
 82 100
 128 167.3 102.4 153.6#
 54 283.0 221.8 332.8



#9
 Naphthalene
 Concen: 0.003 ng
 RT: 10.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

Tgt Ion: 128 Resp: 126
 Ion Ratio Lower Upper
 128 100
 129 21.5 2.5 3.7#
 127 18.9 2.7 4.1#

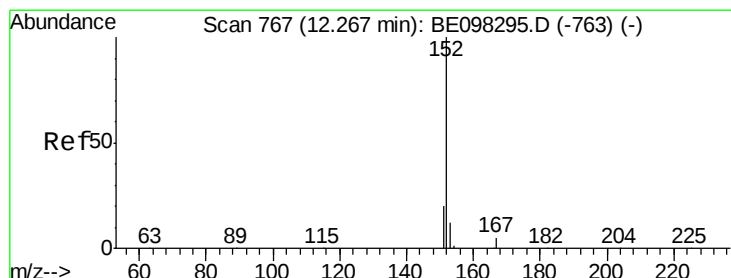
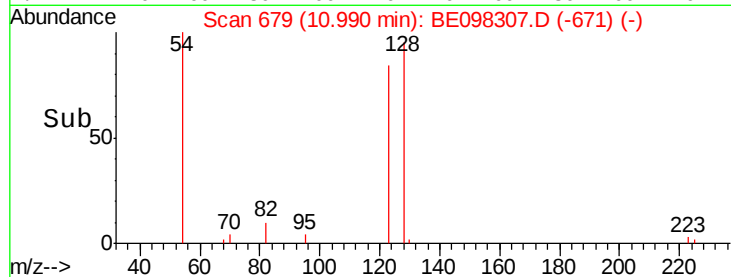
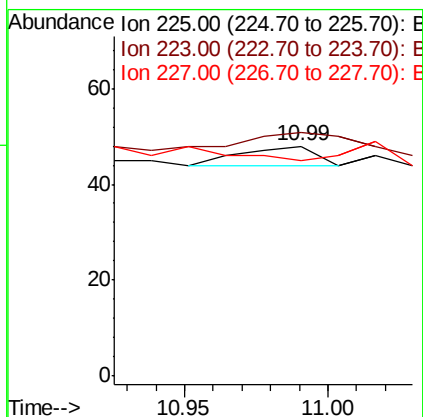
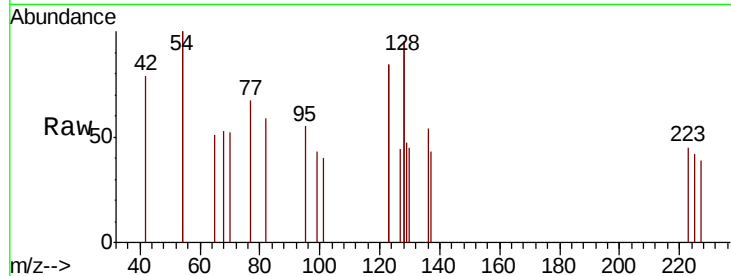




#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

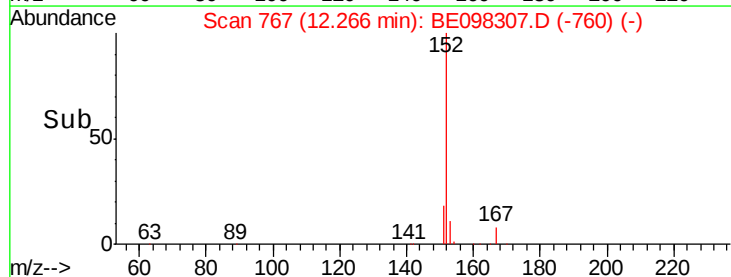
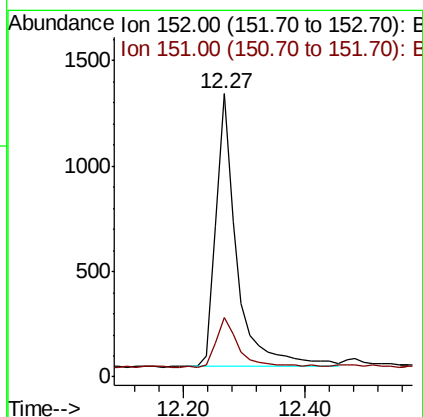
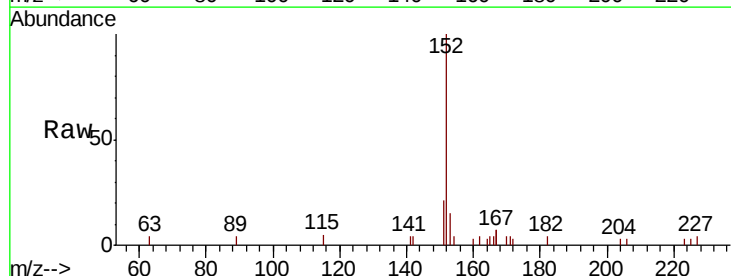
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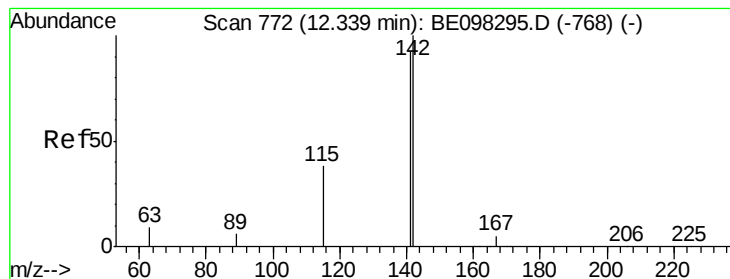
Tgt Ion: 225 Resp: 7
Ion Ratio Lower Upper
225 100
223 142.9 49.4 74.0#
227 0.0 52.0 78.0#



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

Tgt Ion: 152 Resp: 3080
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

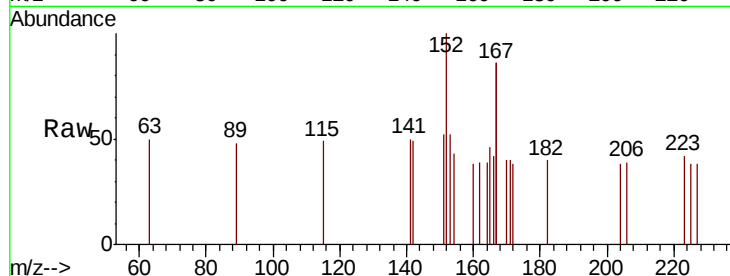
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

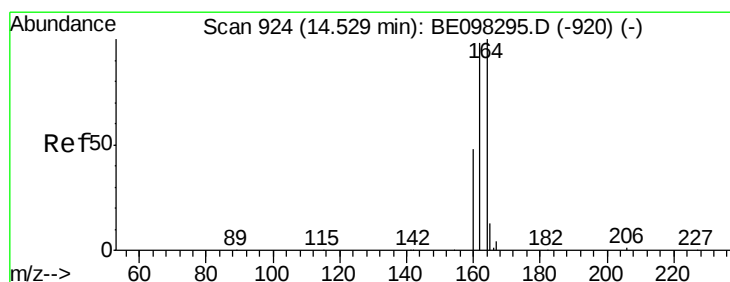
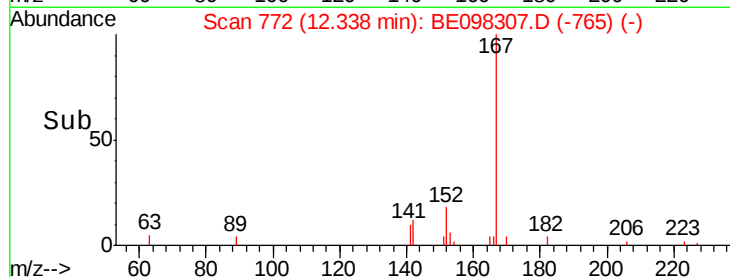
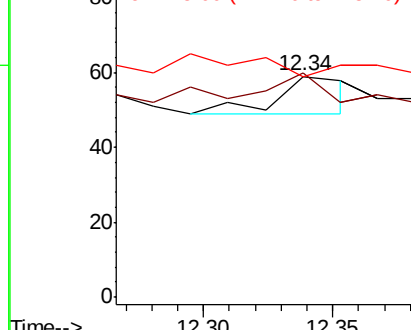
142 100

141 101.7 71.0 106.6

115 100.0 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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

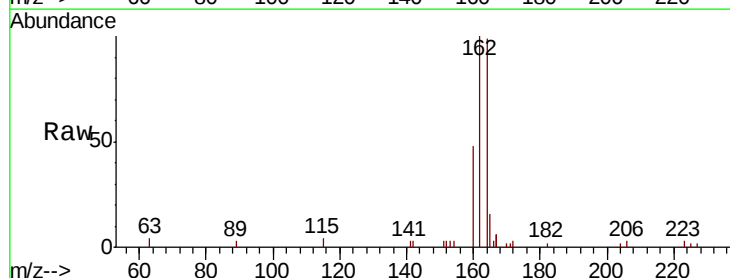
Tgt Ion:164 Resp: 3281

Ion Ratio Lower Upper

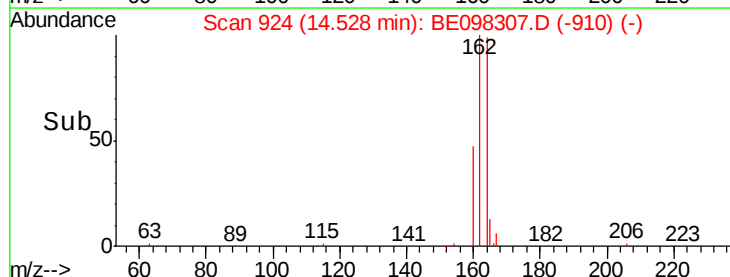
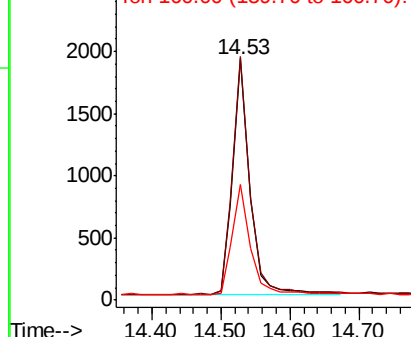
164 100

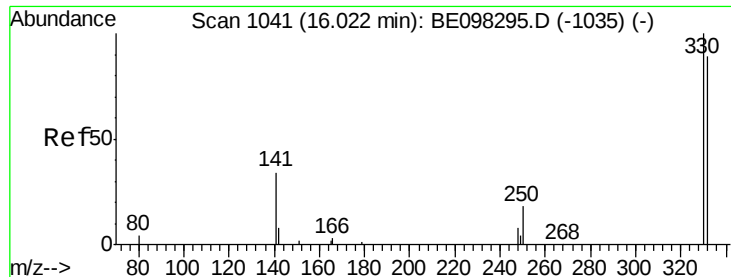
162 101.2 77.6 116.4

160 48.3 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: 0.359 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098307.D

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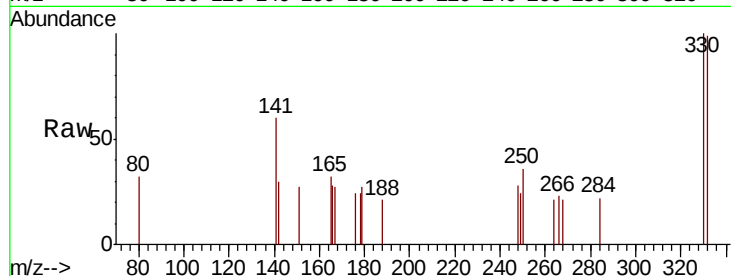
Tgt Ion:330 Resp: 433

Ion Ratio Lower Upper

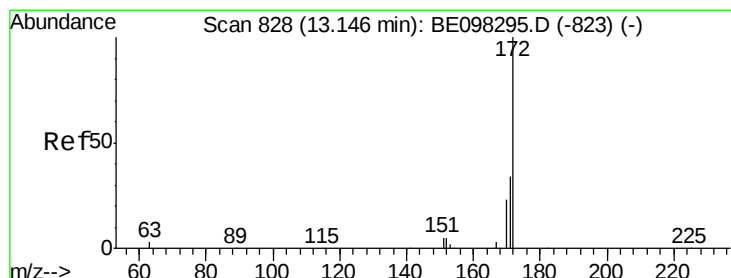
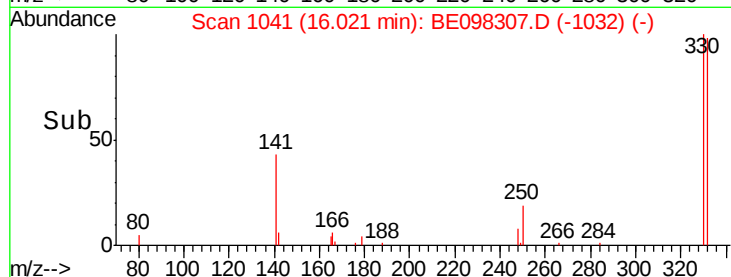
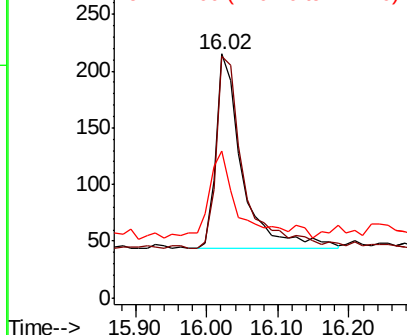
330 100

332 104.8 76.2 114.4

141 47.3 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: 0.450 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

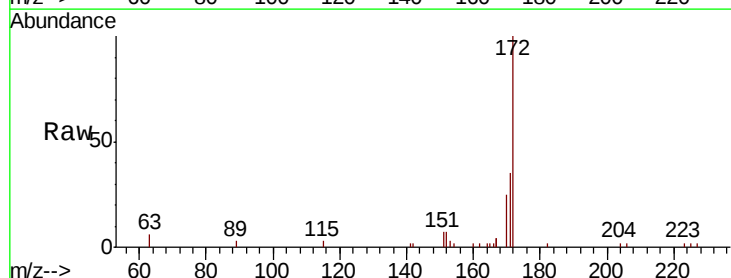
Tgt Ion:172 Resp: 6230

Ion Ratio Lower Upper

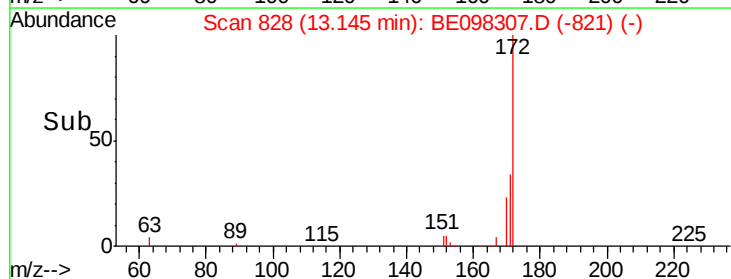
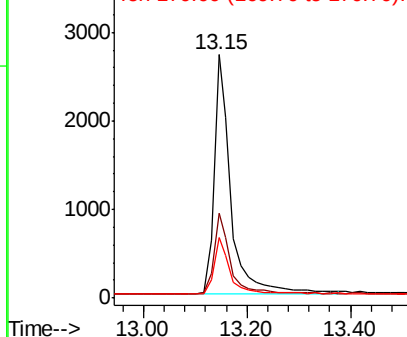
172 100

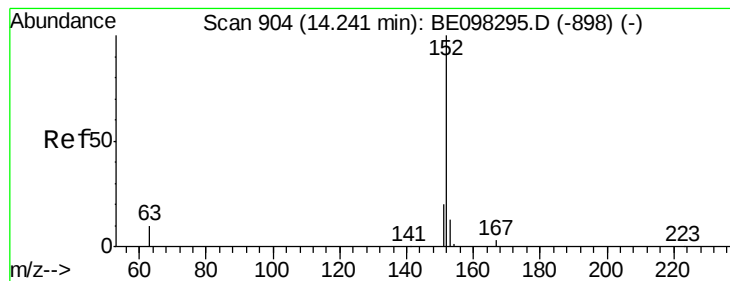
171 34.8 27.5 41.3

170 24.8 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: 0.002 ng

RT: 14.25 min Scan# 905

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

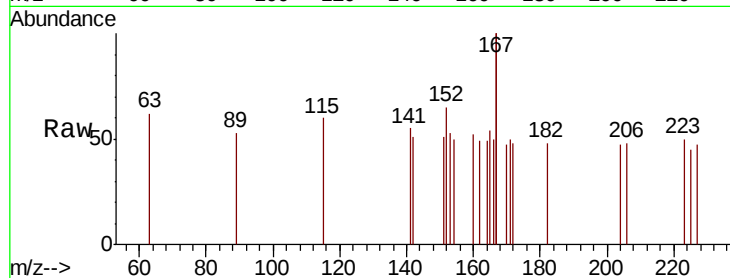
Tgt Ion:152 Resp: 36

Ion Ratio Lower Upper

152 100

151 27.8 15.5 23.3#

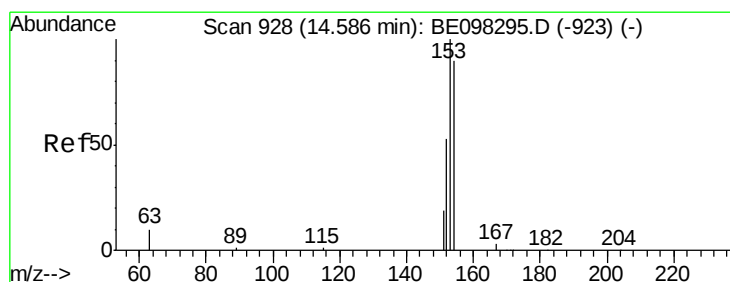
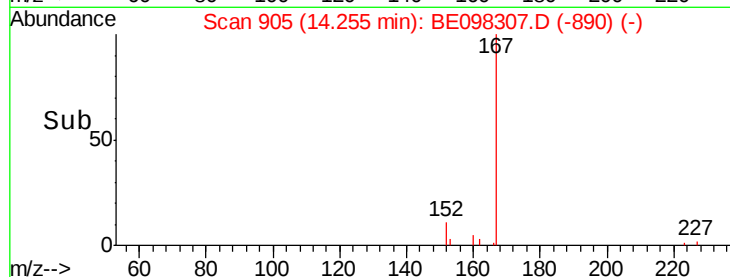
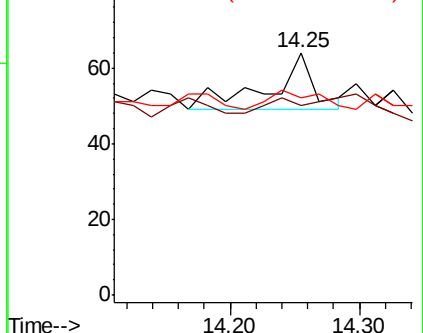
153 44.4 10.6 16.0#



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: 0.001 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.03 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

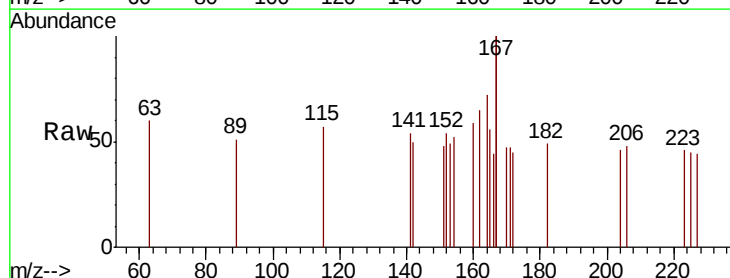
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 100.0 91.8 137.6

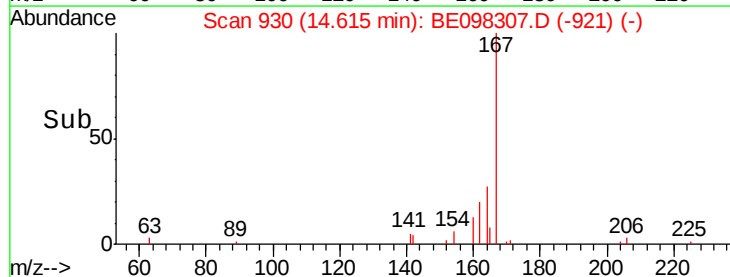
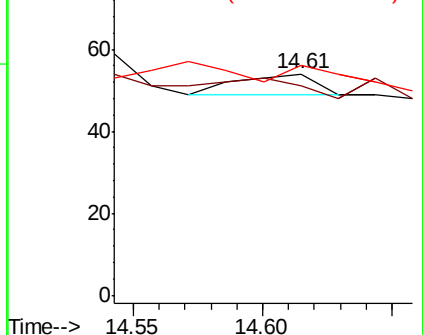
152 0.0 45.5 68.3#

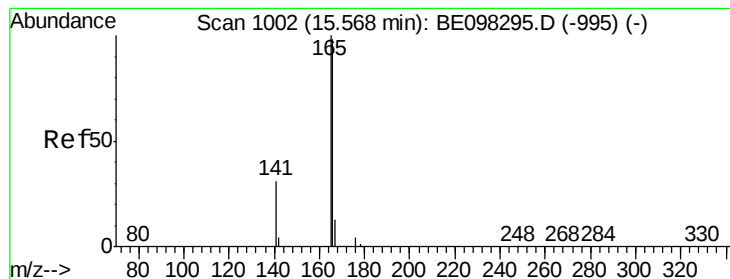


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098307.D

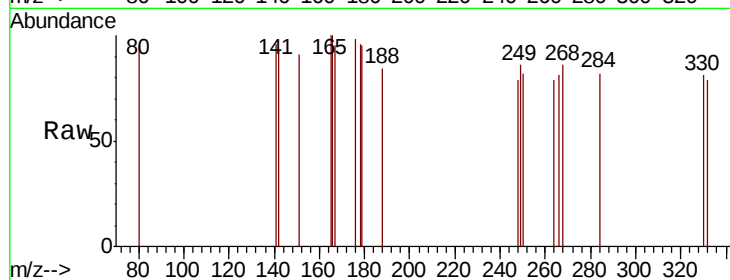
Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205



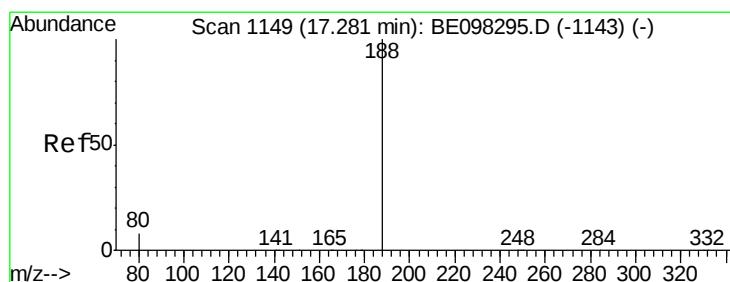
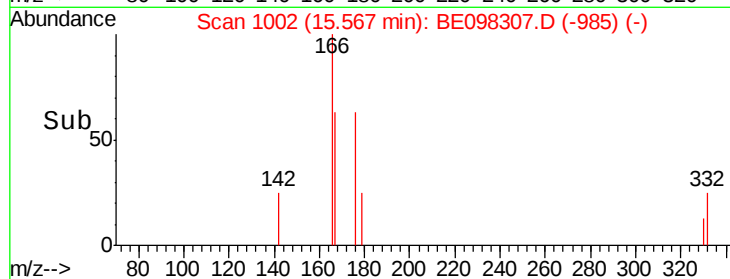
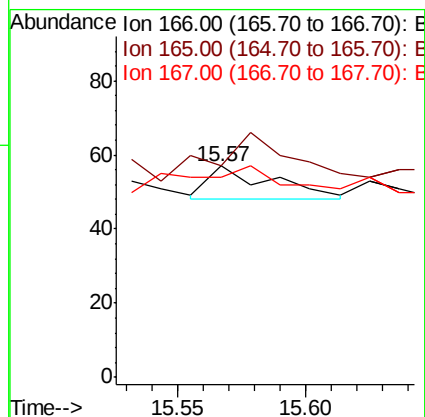
Tgt Ion:166 Resp: 16

Ion Ratio Lower Upper

166 100

165 168.8 79.3 118.9#

167 106.3 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: BE098307.D

Acq: 10 Dec 2018 20:40

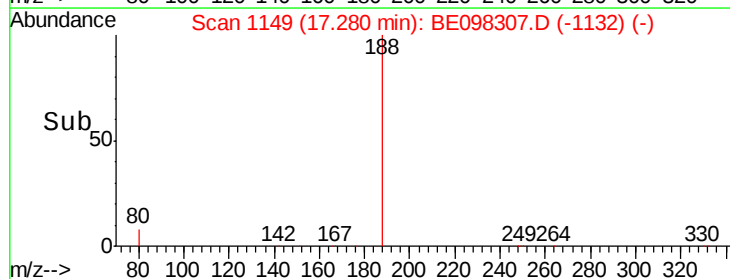
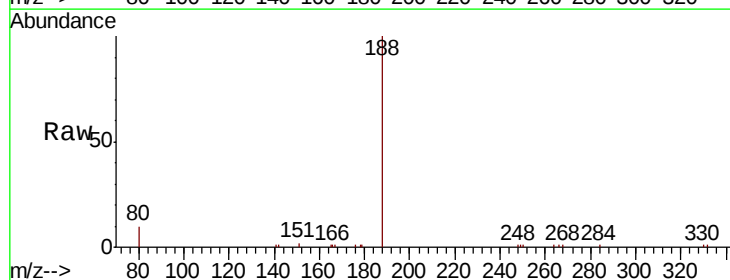
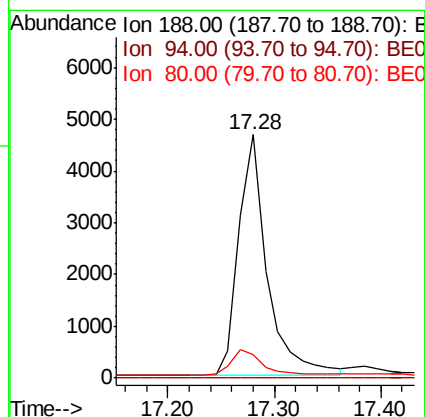
Tgt Ion:188 Resp: 8650

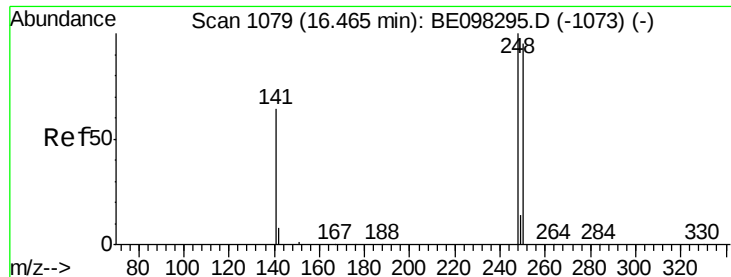
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 7.2 10.8





#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

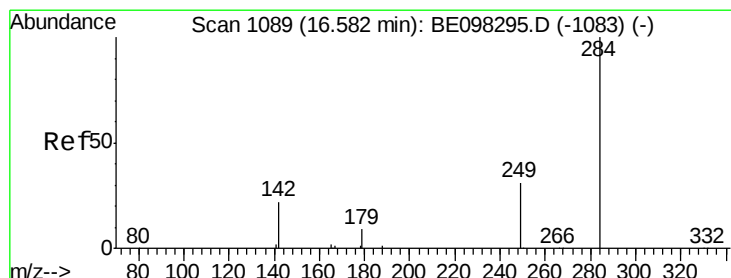
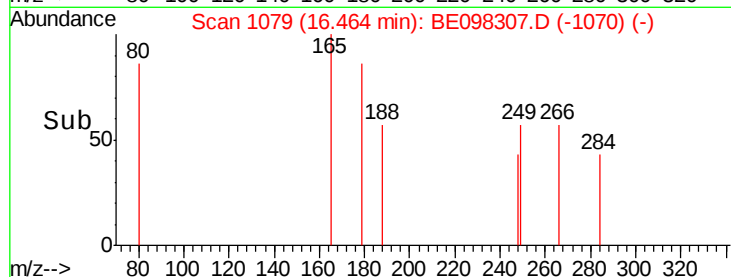
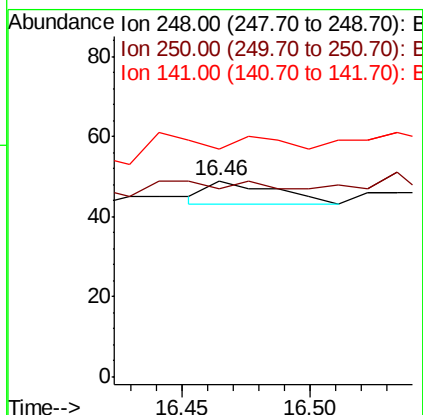
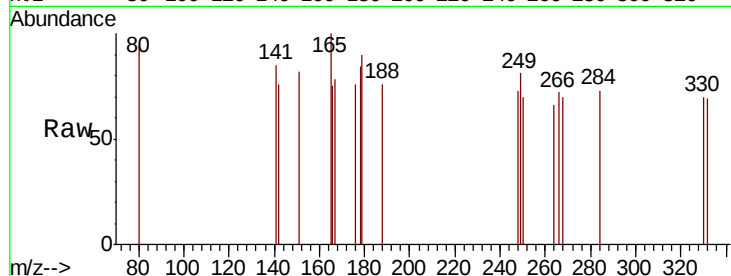
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

Tgt Ion:	248	Resp:	11
Ion	Ratio	Lower	Upper
248	100		
250	95.9	71.0	106.6
141	116.3	62.1	93.1#



#21

Hexachlorobenzene

Concen: 0.002 ng

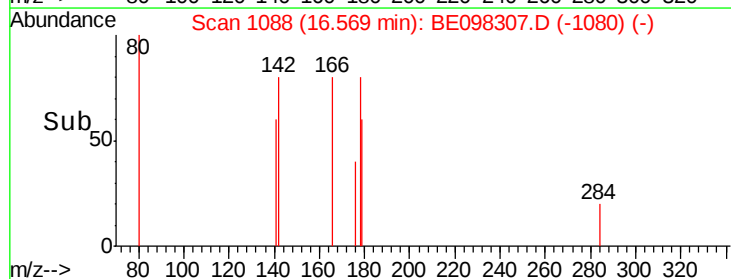
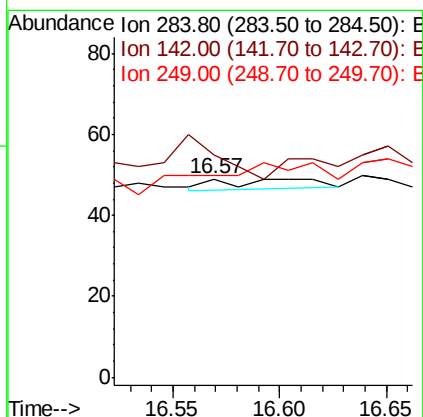
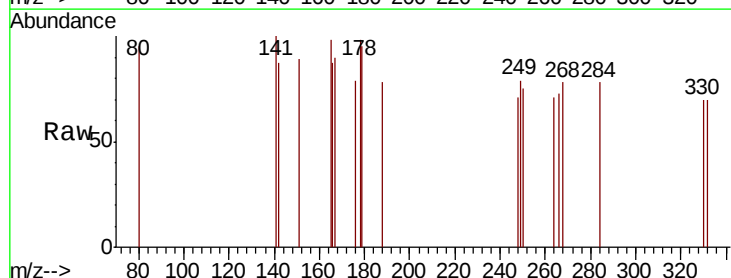
RT: 16.57 min Scan# 1088

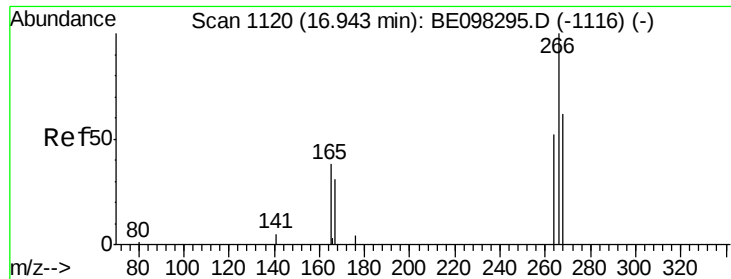
Delta R.T. -0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Tgt Ion:	284	Resp:	8
Ion	Ratio	Lower	Upper
284	100		
142	212.5	26.3	39.5#
249	0.0	26.0	39.0#

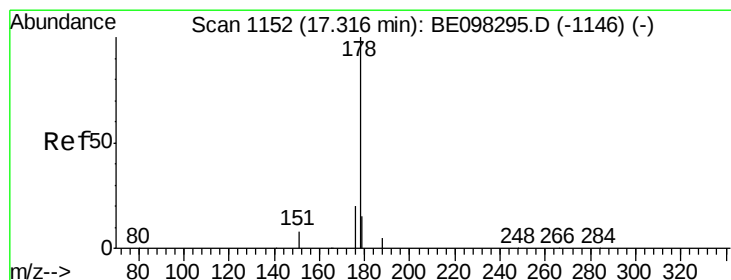
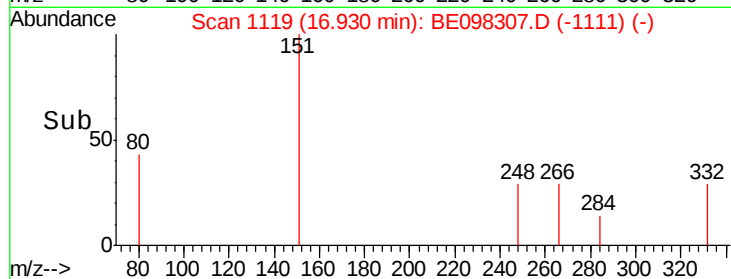
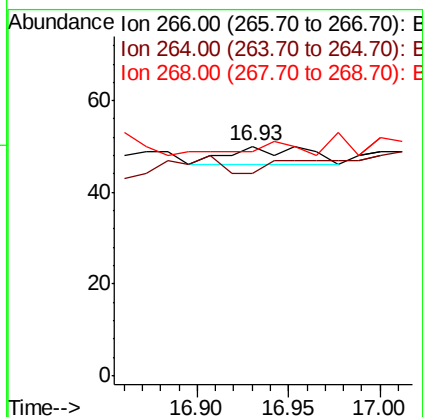
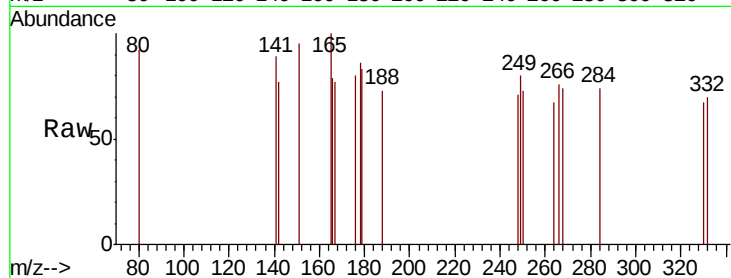




#22
 Pentachlorophenol
 Concen: 0.032 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

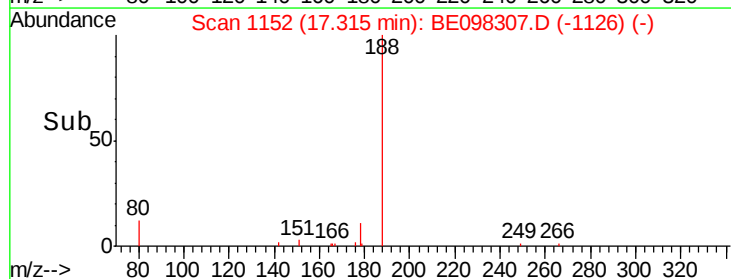
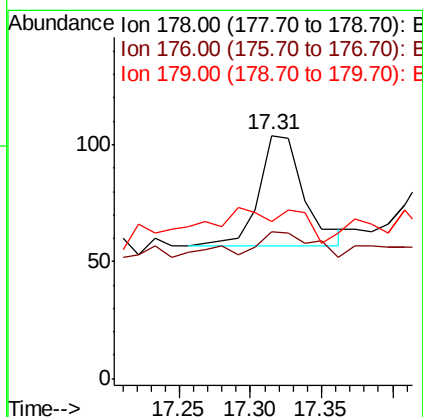
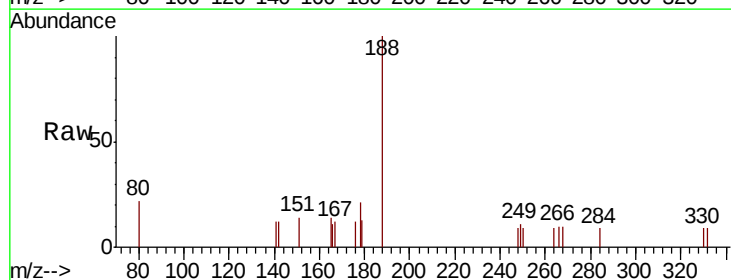
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20181205

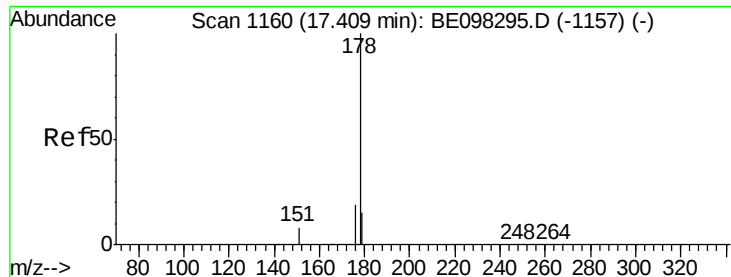
Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 88.0 59.0 88.4
 268 98.0 55.1 82.7#



#23
 Phenanthrene
 Concen: 0.005 ng
 RT: 17.31 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

Tgt Ion:178 Resp: 103
 Ion Ratio Lower Upper
 178 100
 176 33.0 15.9 23.9#
 179 0.0 12.3 18.5#





#24

Anthracene

Concen: 0.003 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

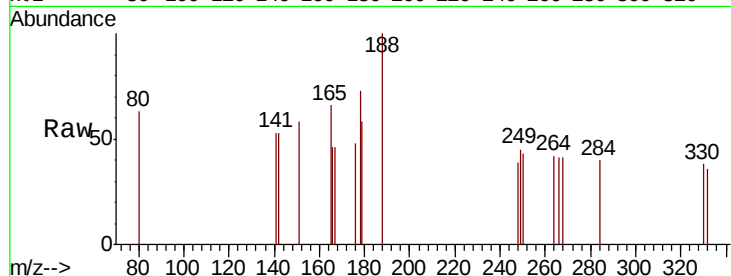
Tgt Ion:178 Resp: 48

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

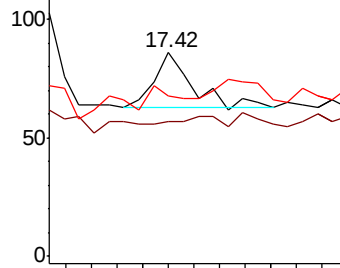
179 85.4 12.3 18.5#



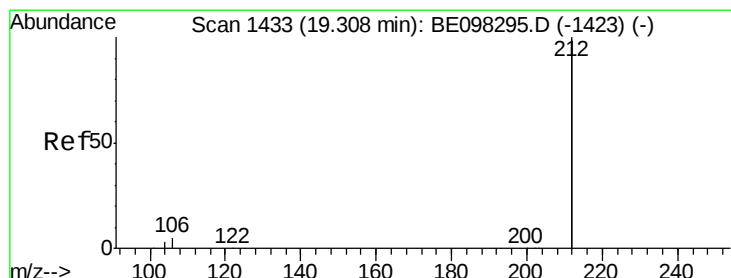
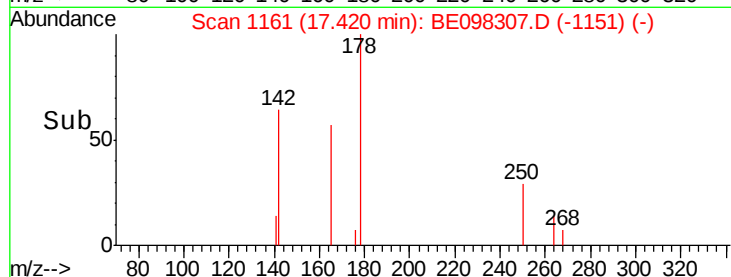
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.438 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

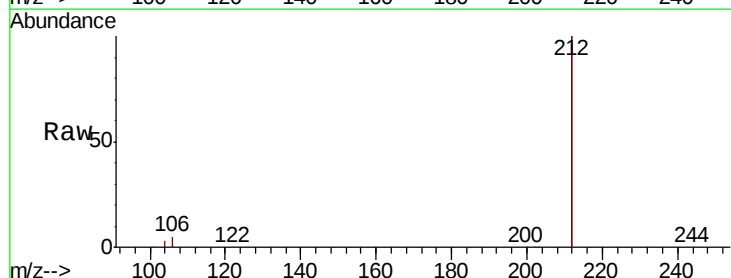
Tgt Ion:212 Resp: 48615

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

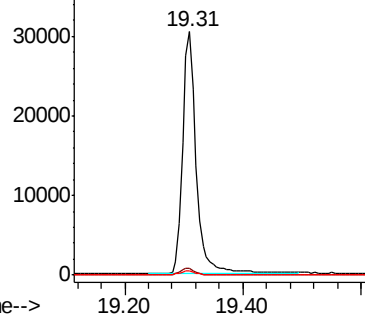
104 1.6 1.3 1.9



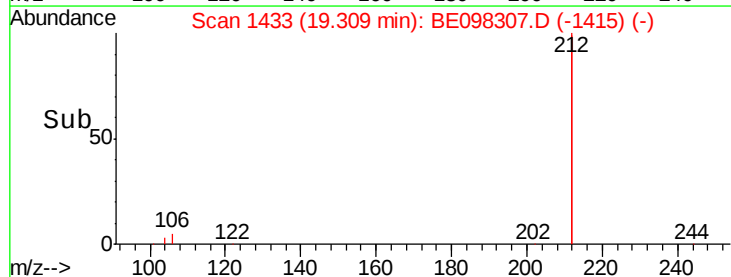
Abundance Ion 212.00 (211.70 to 212.70): E

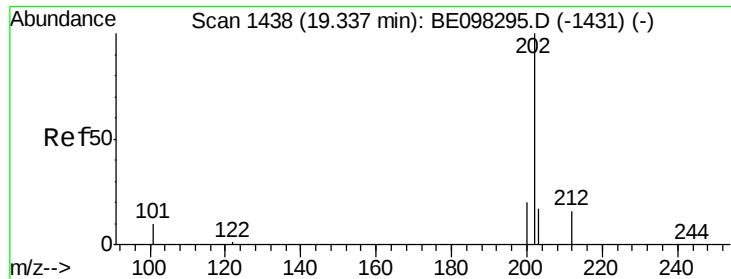
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

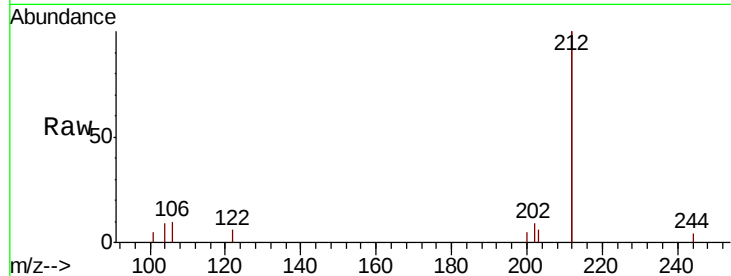




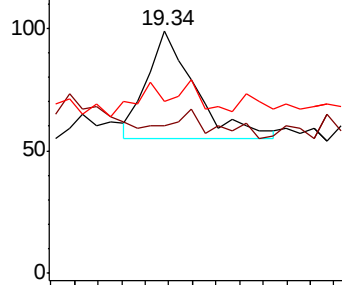
#26
Fluoranthene
Concen: 0.002 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW302S-20181205

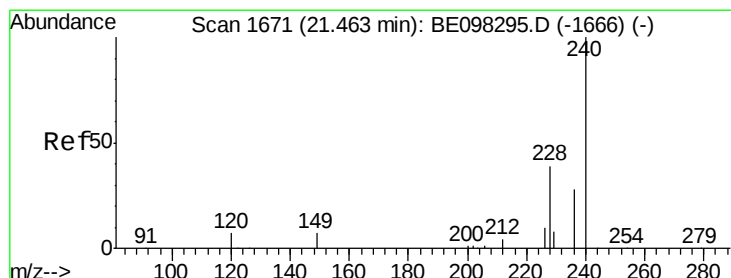
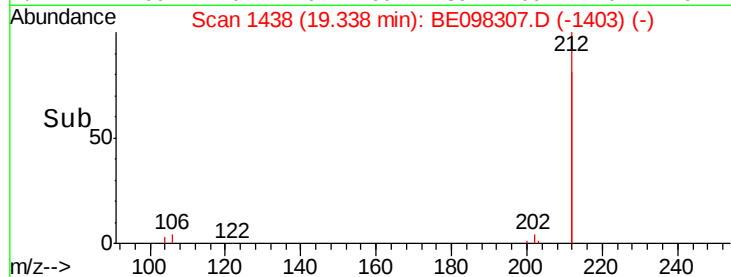
Tgt Ion: 202 Resp: 62
Ion Ratio Lower Upper
202 100
101 19.4 8.0 12.0#
203 17.7 13.8 20.6



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

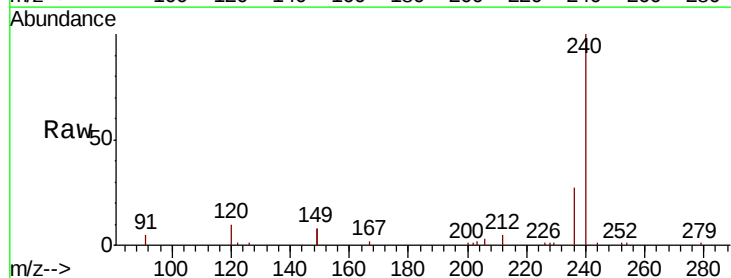


Time-->

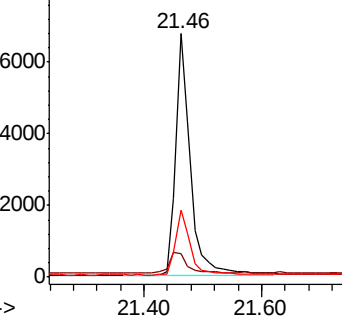


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

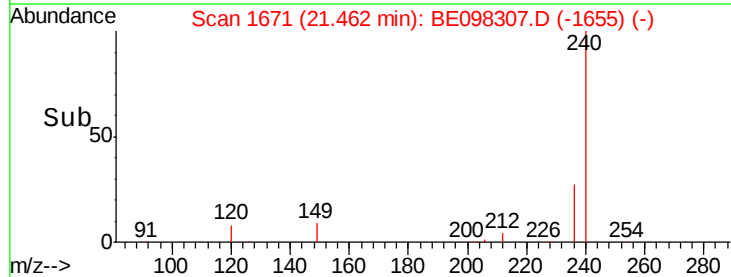
Tgt Ion: 240 Resp: 11786
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 27.3 22.7 34.1

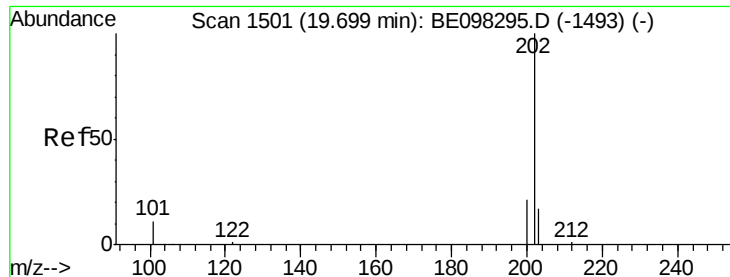


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

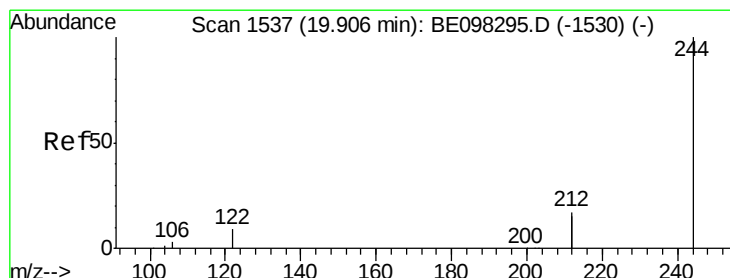
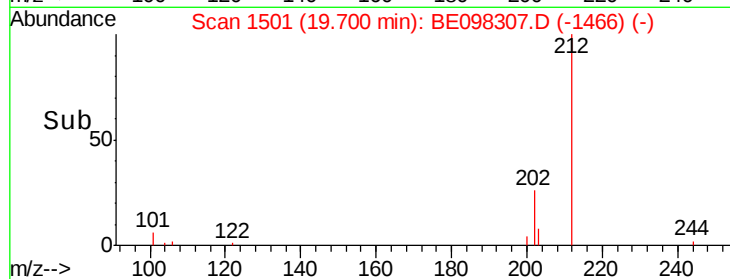
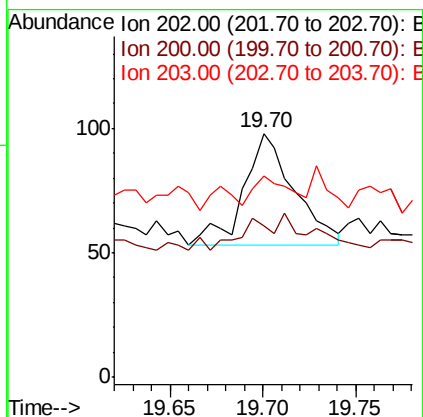
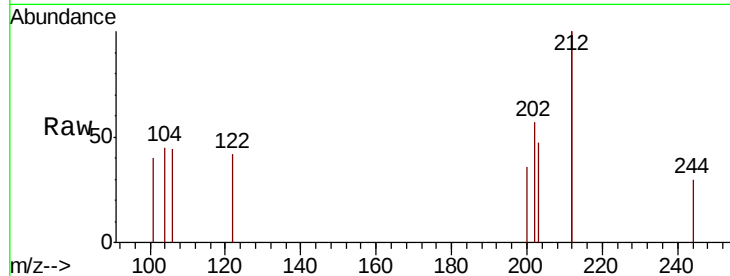




#28
 Pyrene
 Concen: 0.002 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

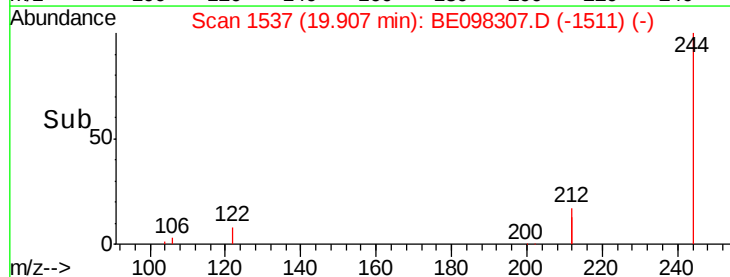
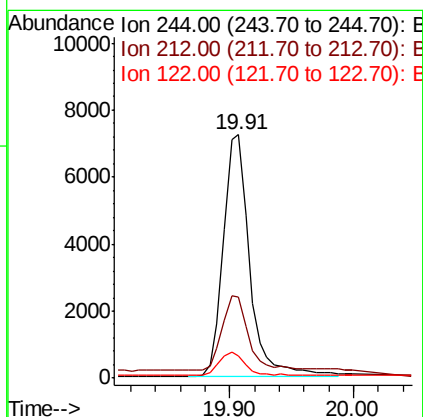
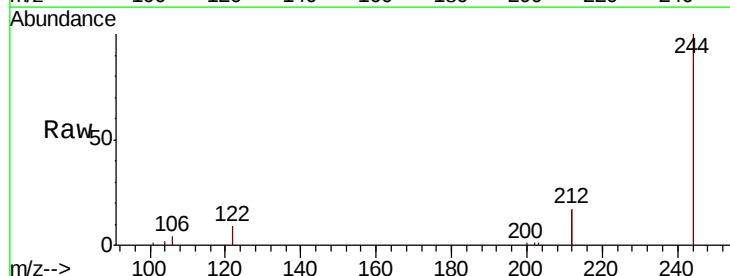
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20181205

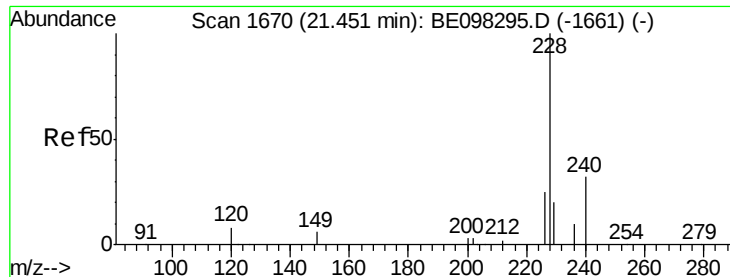
Tgt Ion: 202 Resp: 86
 Ion Ratio Lower Upper
 202 100
 200 17.4 16.7 25.1
 203 18.6 14.1 21.1



#29
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

Tgt Ion: 244 Resp: 10693
 Ion Ratio Lower Upper
 244 100
 212 33.4 27.4 41.0
 122 9.1 8.3 12.5





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

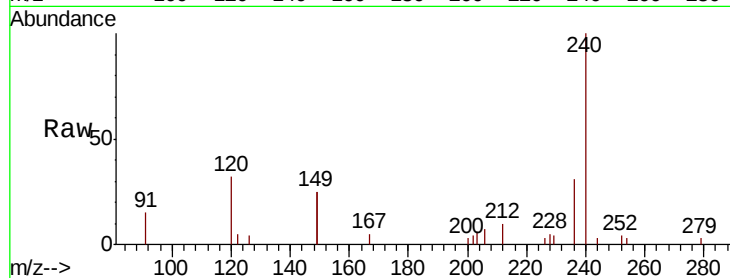
Tgt Ion:228 Resp: 89

Ion Ratio Lower Upper

228 100

226 72.3 21.8 32.8#

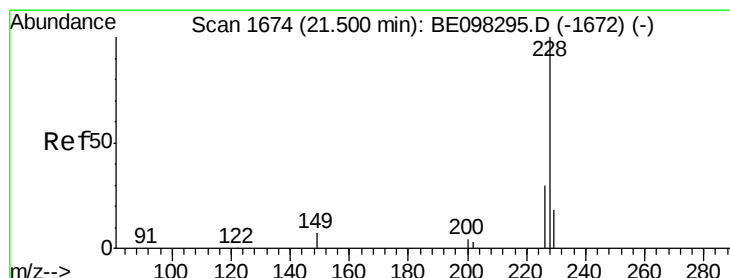
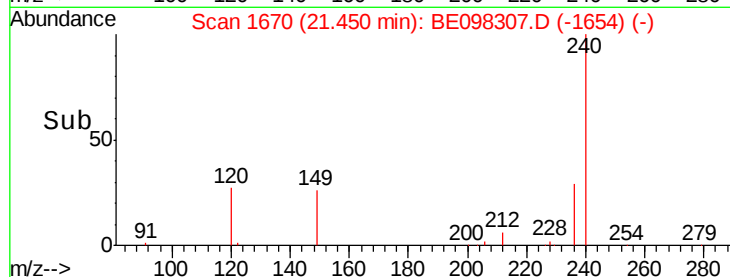
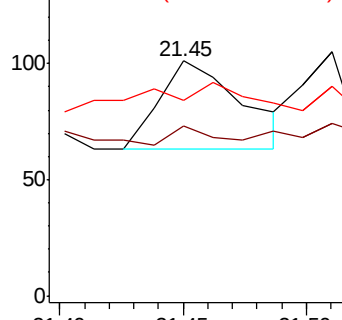
229 83.2 16.3 24.5#



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: 0.001 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

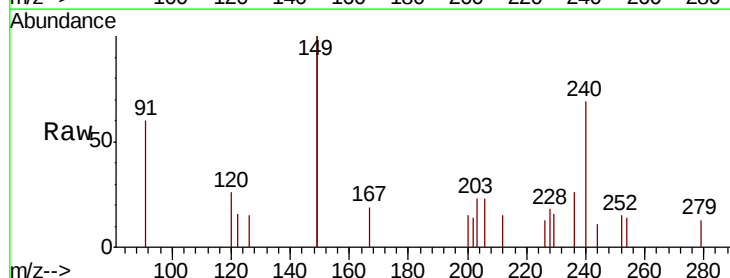
Tgt Ion:228 Resp: 51

Ion Ratio Lower Upper

228 100

226 70.5 23.4 35.0#

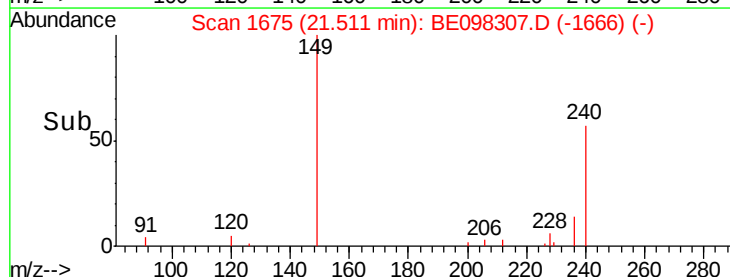
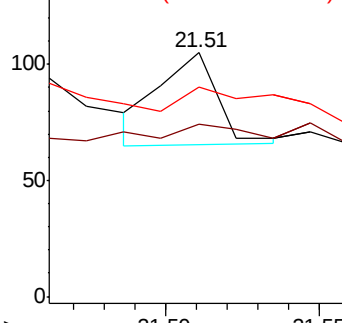
229 85.7 16.2 24.4#

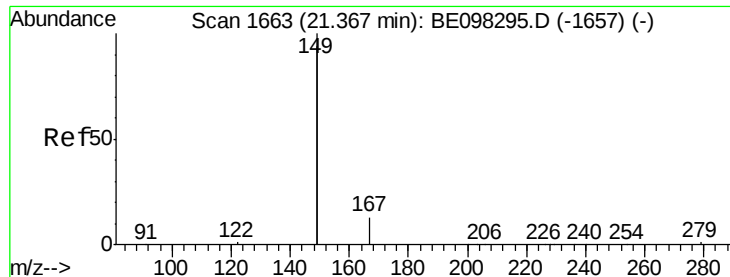


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

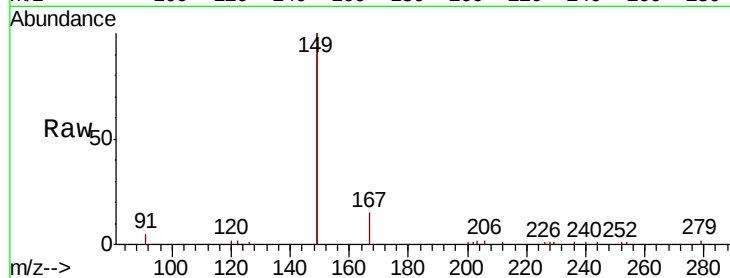
Tgt Ion:149 Resp: 13788

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

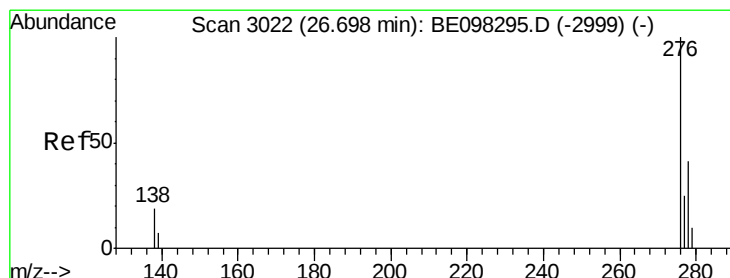
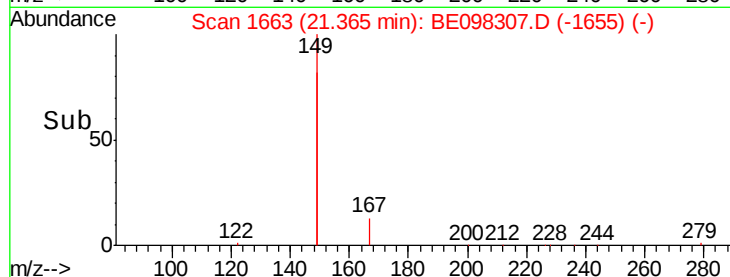
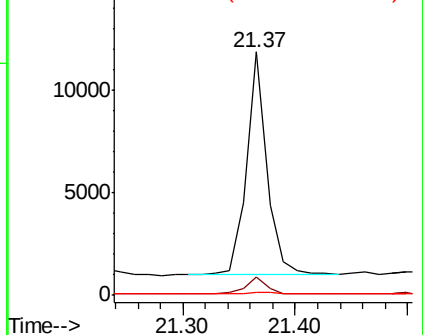
279 1.2 1.0 1.4



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: 0.000 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

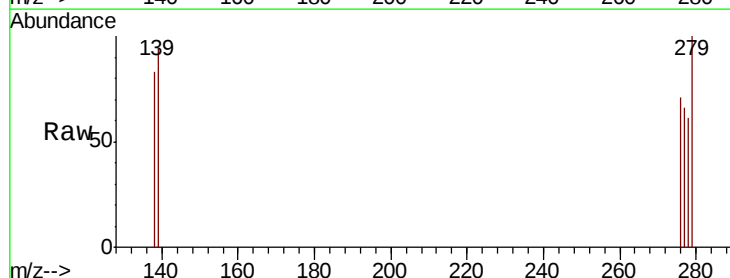
Tgt Ion:276 Resp: 16

Ion Ratio Lower Upper

276 100

138 218.8 16.3 24.5#

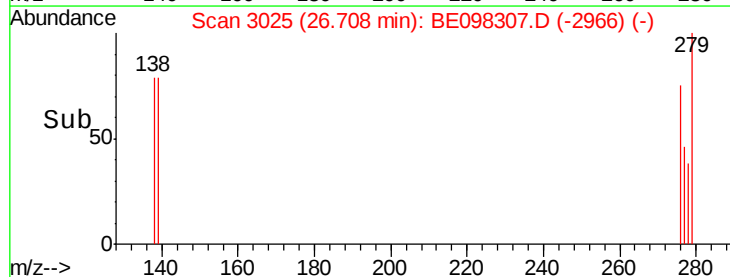
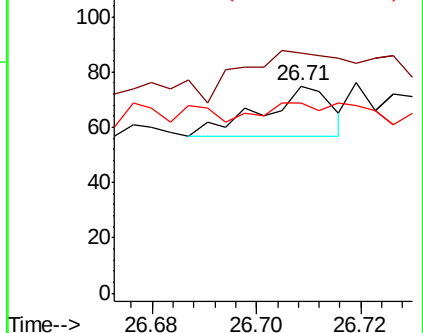
277 43.8 20.2 30.4#

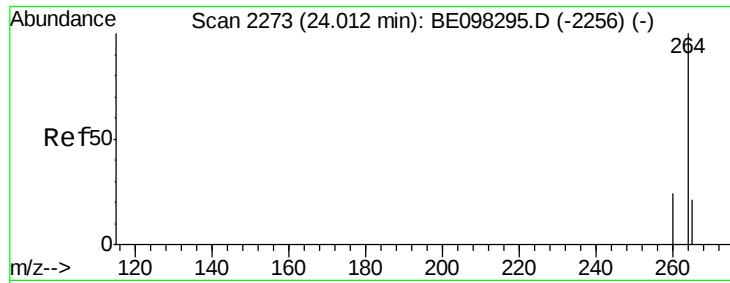


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

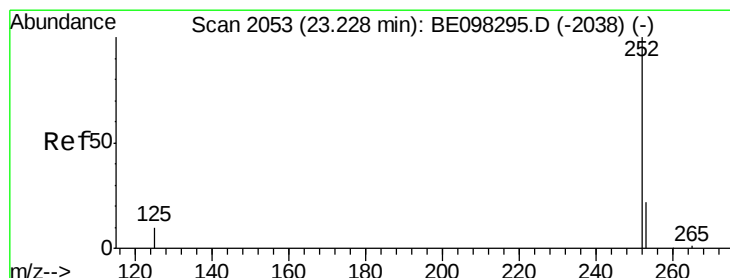
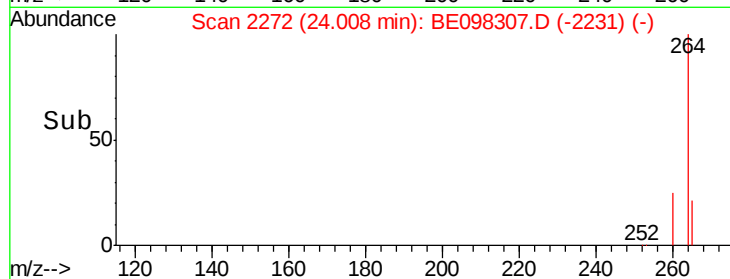
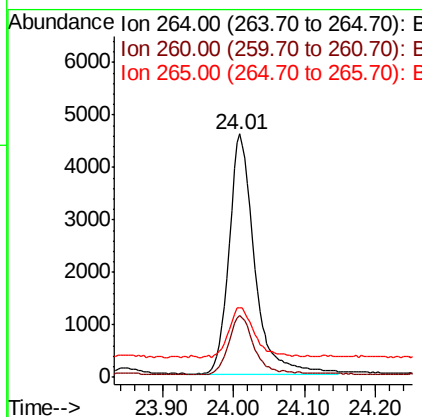
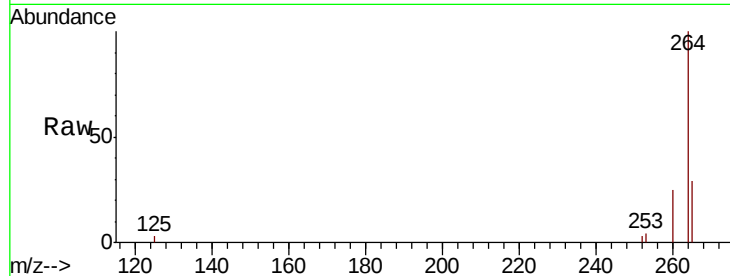




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

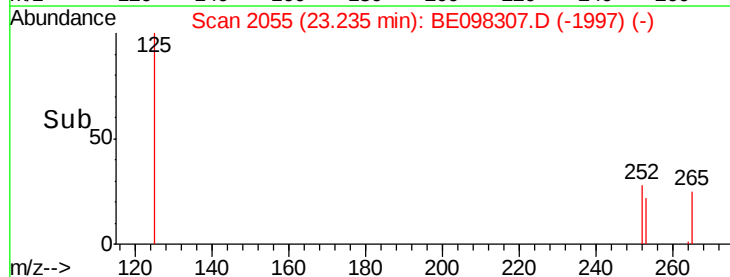
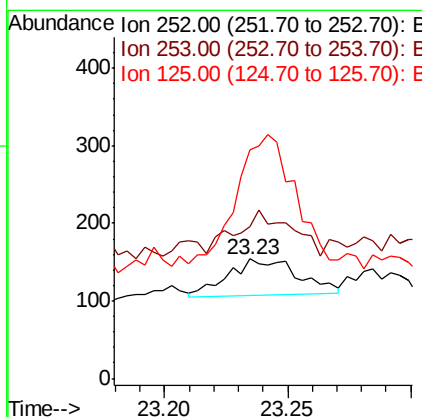
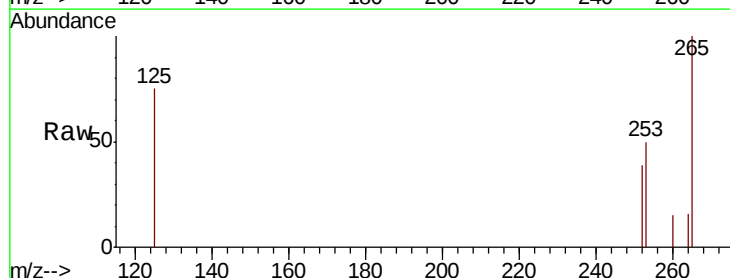
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20181205

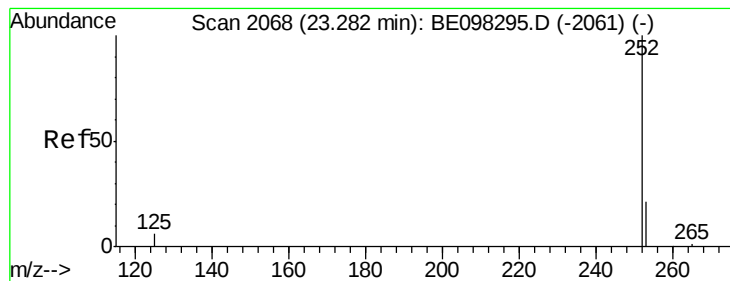
Tgt Ion: 264 Resp: 11305
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 28.7 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.003 ng
 RT: 23.23 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BE098307.D
 Acq: 10 Dec 2018 20:40

Tgt Ion: 252 Resp: 91
 Ion Ratio Lower Upper
 252 100
 253 127.3 20.0 30.0#
 125 190.9 9.6 14.4#

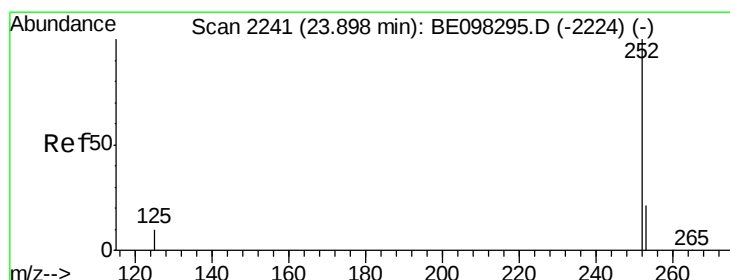
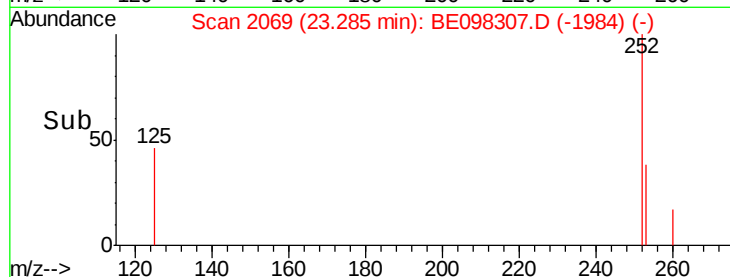
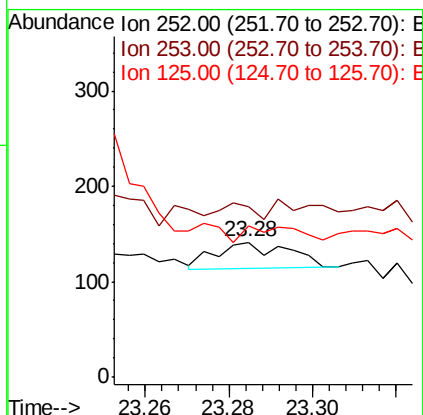
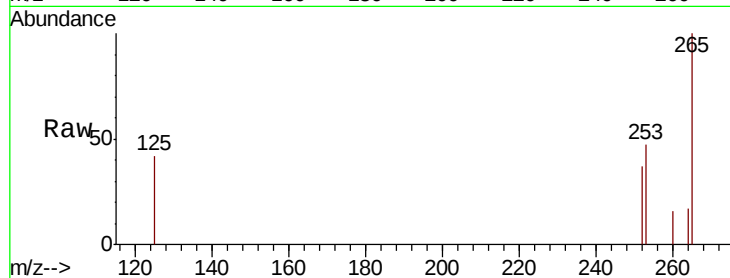




#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

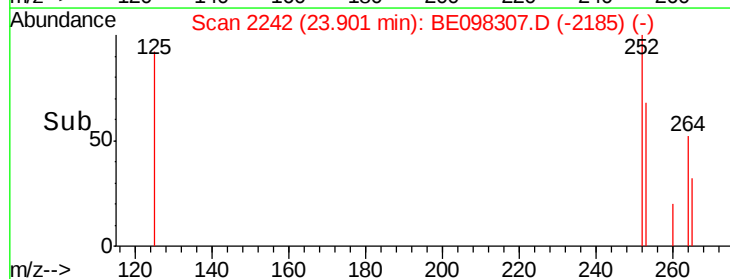
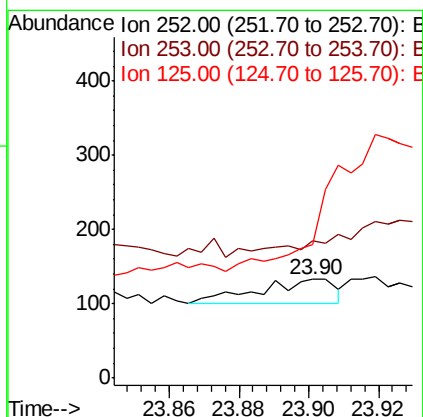
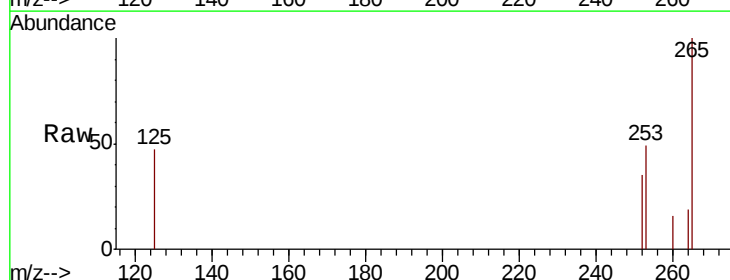
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW302S-20181205

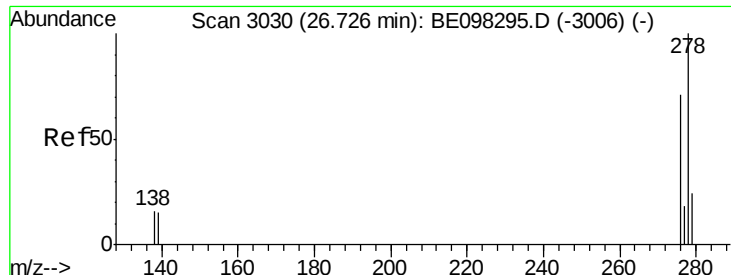
Tgt Ion: 252 Resp: 32
Ion Ratio Lower Upper
252 100
253 126.2 19.0 28.6#
125 112.8 9.1 13.7#



#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098307.D
Acq: 10 Dec 2018 20:40

Tgt Ion: 252 Resp: 49
Ion Ratio Lower Upper
252 100
253 139.1 20.6 30.8#
125 134.6 10.5 15.7#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20181205

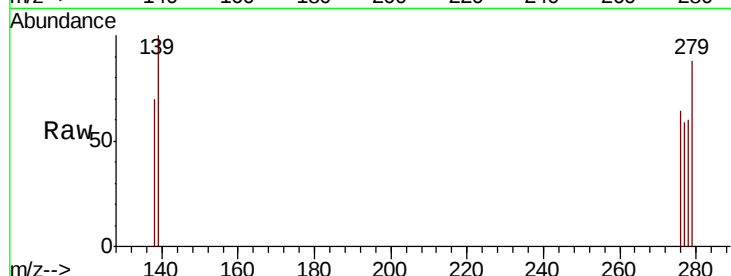
Tgt Ion: 278 Resp: 9

Ion Ratio Lower Upper

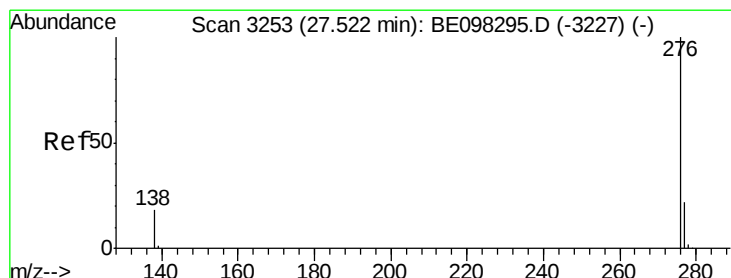
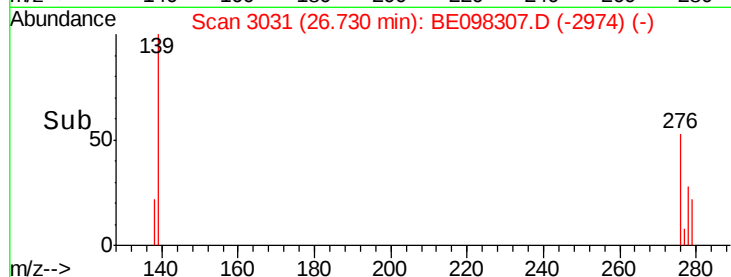
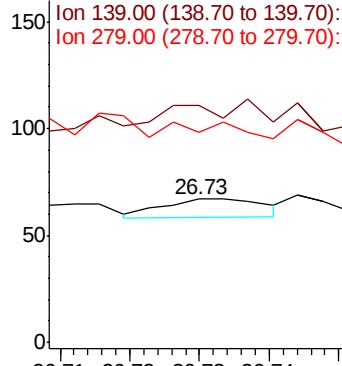
278 100

139 165.7 14.5 21.7#

279 146.3 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: 0.001 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.01 min

Lab File: BE098307.D

Acq: 10 Dec 2018 20:40

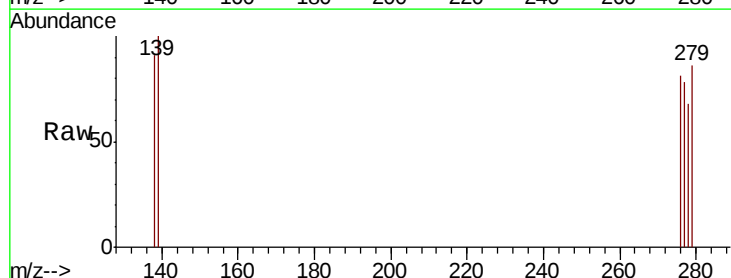
Tgt Ion: 276 Resp: 20

Ion Ratio Lower Upper

276 100

277 97.2 20.8 31.2#

138 112.7 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

