

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098312.D
 Acq On : 10 Dec 2018 23:45
 Operator : SJ/JU
 Sample : J6250-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20181204

Quant Time: Dec 11 00:49:49 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	1307	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5721	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3721	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9395	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11958	0.40	ng	0.00
34) Perylene-d12	24.00	264	11290	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	591	0.19	ng	0.01
5) Phenol-d6	7.06	99	399	0.09	ng	0.01
8) Nitrobenzene-d5	9.03	82	2480	0.48	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3893	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	583	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11017	0.70	ng	0.00
25) Fluoranthene-d10	19.31	212	57272	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	13456	0.46	ng	0.00

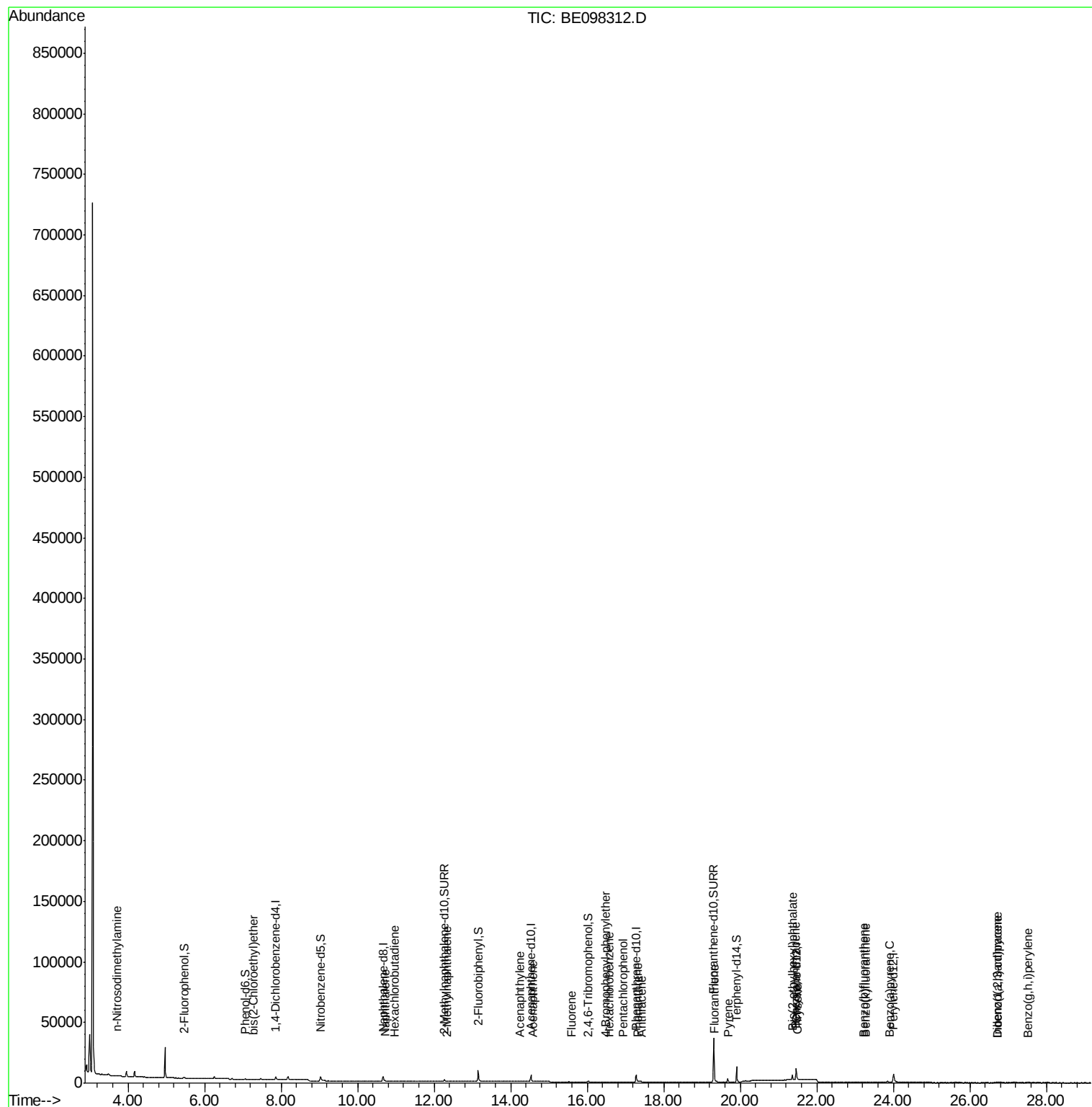
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.71	42	89	0.044	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	6	0.001	ng	# 1
9) Naphthalene	10.72	128	245	0.004	ng	# 59
10) Hexachlorobutadiene	10.95	225	13	0.004	ng	# 19
12) 2-Methylnaphthalene	12.34	142	54	0.006	ng	# 61
16) Acenaphthylene	14.24	152	44	0.003	ng	# 24
17) Acenaphthene	14.59	154	14	0.001	ng	# 53
18) Fluorene	15.58	166	57	0.004	ng	# 84
20) 4-Bromophenyl-phenylether	16.48	248	20	0.004	ng	# 69
21) Hexachlorobenzene	16.58	284	16	0.003	ng	# 6
22) Pentachlorophenol	16.93	266	5	0.022	ng	# 70
23) Phenanthrene	17.31	178	170	0.007	ng	# 71
24) Anthracene	17.42	178	71	0.003	ng	# 79
26) Fluoranthene	19.34	202	144	0.005	ng	# 79
28) Pyrene	19.70	202	127	0.003	ng	# 70
30) Benzo(a)anthracene	21.45	228	160	0.005	ng	# 6
31) Chrysene	21.50	228	110	0.003	ng	# 22
32) Bis(2-ethylhexyl)phthalate	21.37	149	5499	0.080	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.70	276	41	0.001	ng	# 38
35) Benzo(b)fluoranthene	23.23	252	138	0.004	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	85	0.002	ng	# 1
37) Benzo(a)pyrene	23.89	252	31	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	48	0.002	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	21	0.001	ng	# 1

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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BPS1-TT-MW304S-20181204

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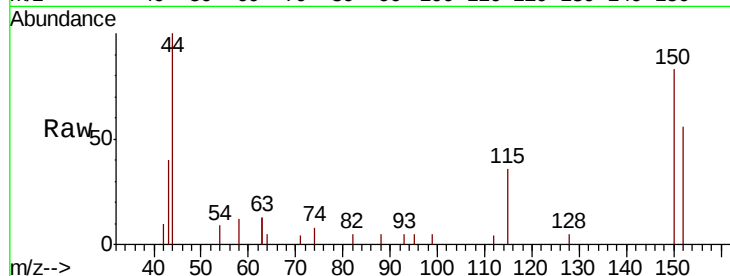


#1

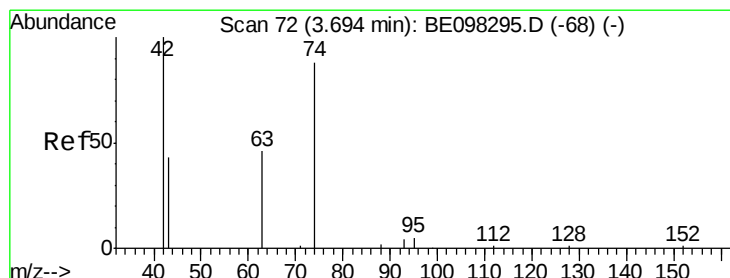
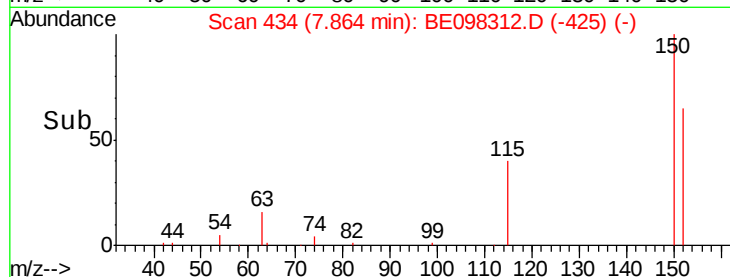
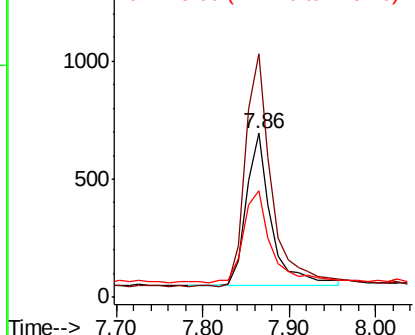
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20181204

Tgt Ion:152 Resp: 1307
Ion Ratio Lower Upper
152 100
150 148.6 124.2 186.4
115 65.4 53.9 80.9



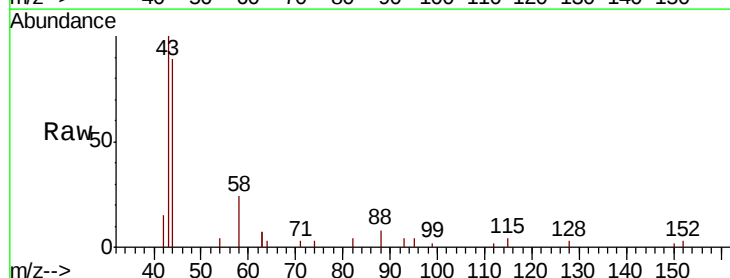
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



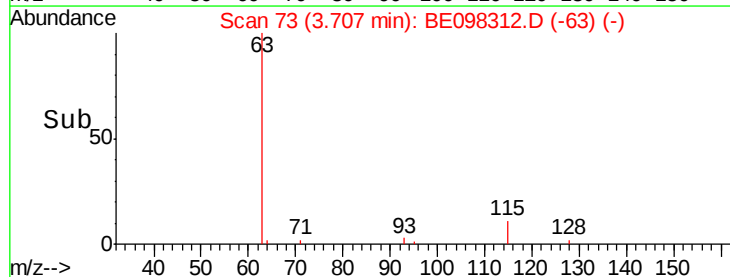
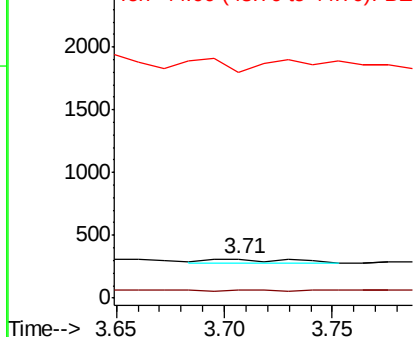
#3

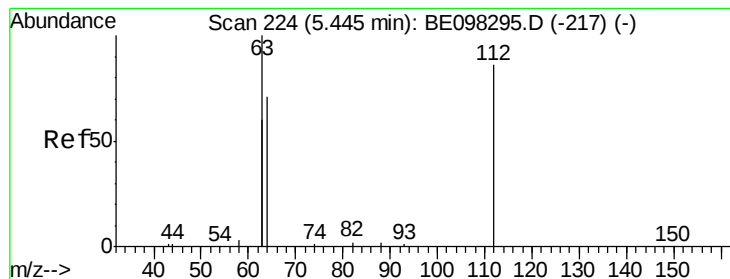
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 169.7 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: 0.193 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

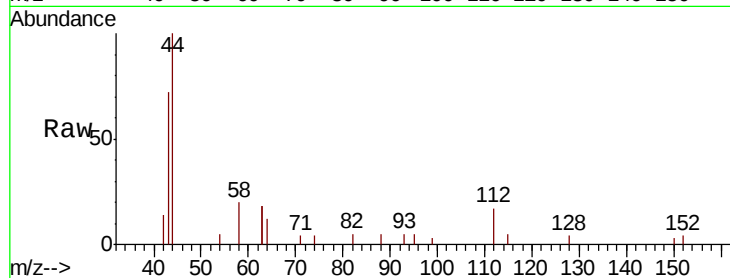
Tgt Ion: 112 Resp: 591

Ion Ratio Lower Upper

112 100

64 69.9 59.8 89.8

63 161.6 133.7 200.5



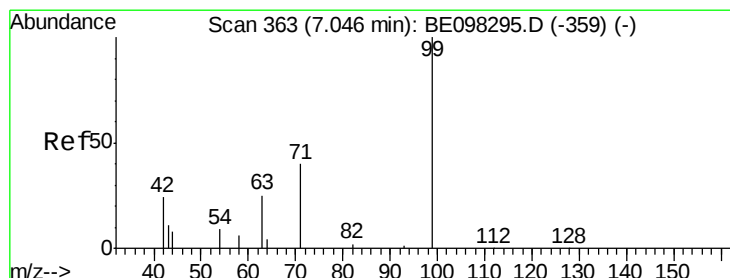
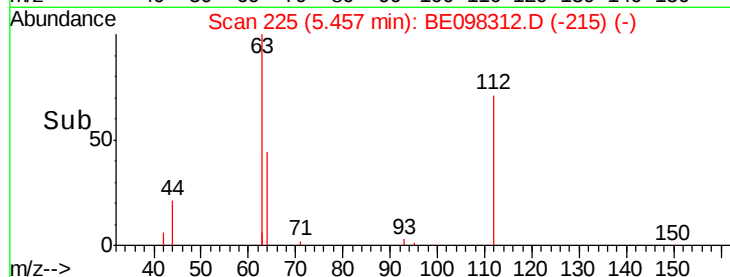
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.092 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

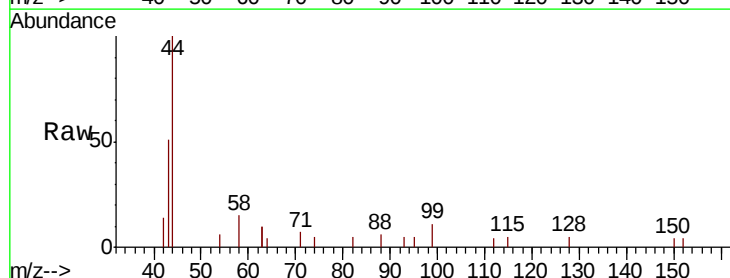
Tgt Ion: 99 Resp: 399

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 40.4 33.6 50.4



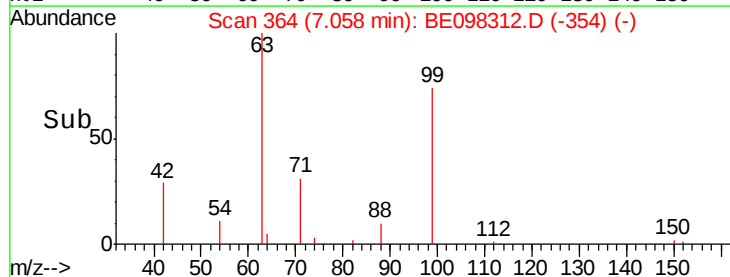
Abundance Ion 99.00 (98.70 to 99.70): BE0

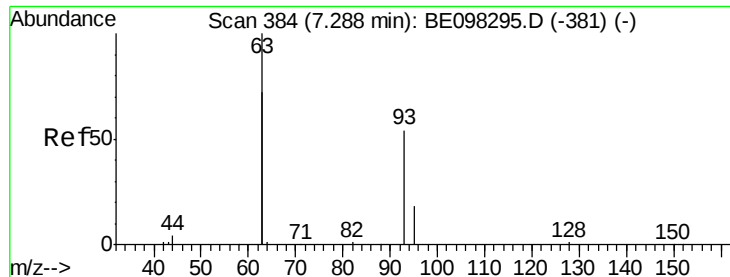
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.00 7.10 7.20





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.27 min Scan# 382

Delta R.T. -0.02 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

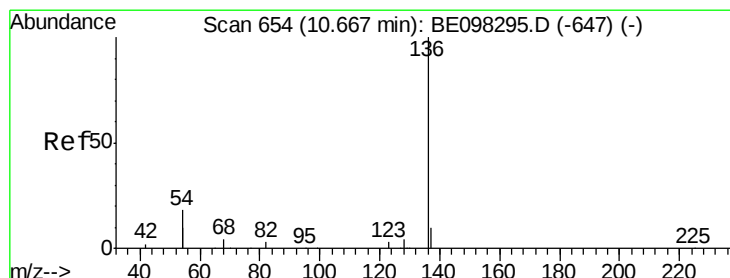
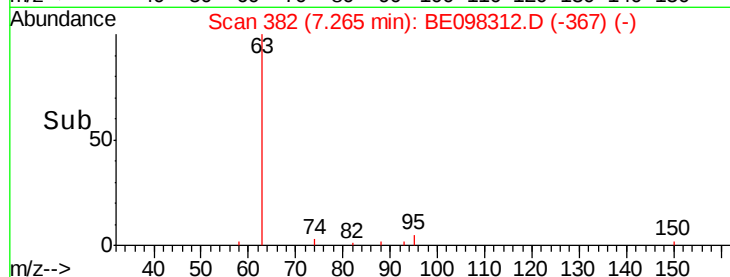
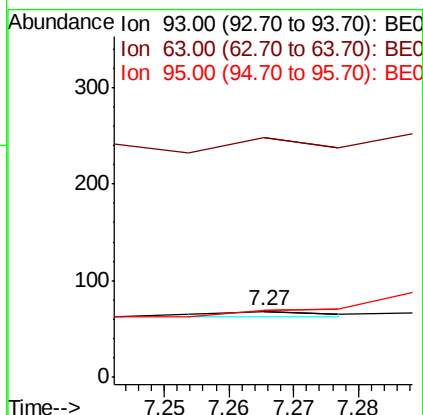
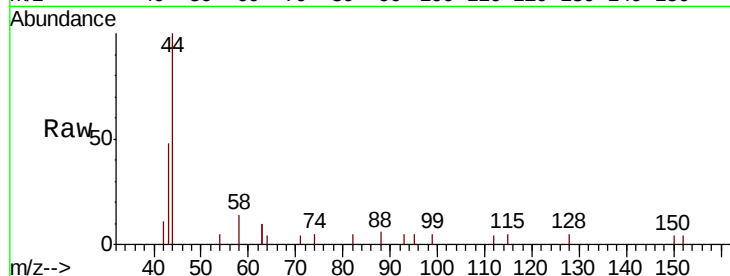
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

Tgt Ion:	93	Resp:	6
Ion	Ratio	Lower	Upper
93	100		
63	0.0	264.4	396.6#
95	0.0	26.6	40.0#



#7

Naphthalene-d8

Concen: 0.400 ng

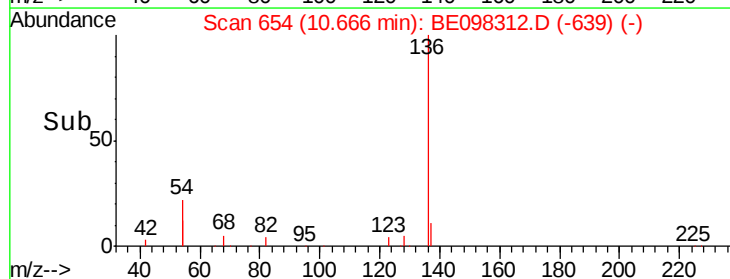
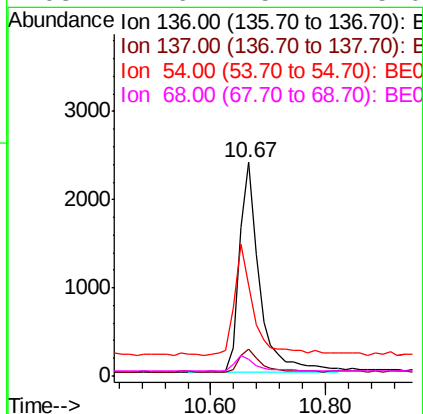
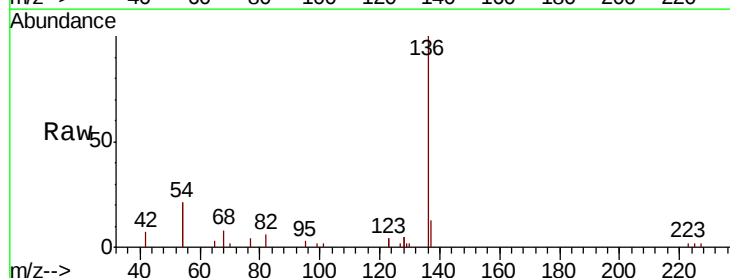
RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Tgt Ion:	136	Resp:	5721
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	42.5	28.4	42.6
68	7.6	5.4	8.0





#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

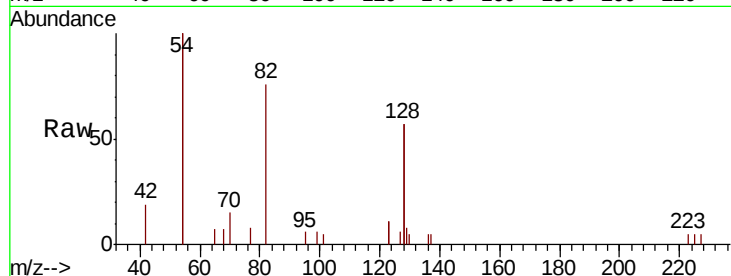
Tgt Ion: 82 Resp: 2480

Ion Ratio Lower Upper

82 100

128 148.8 102.4 153.6

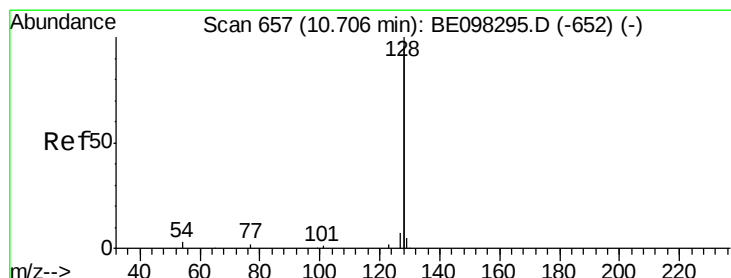
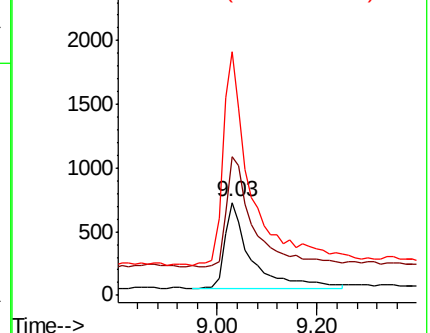
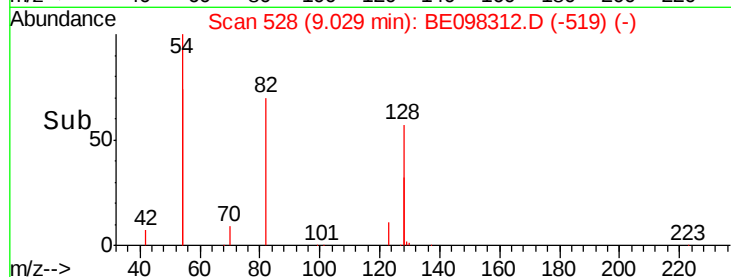
54 261.9 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.004 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

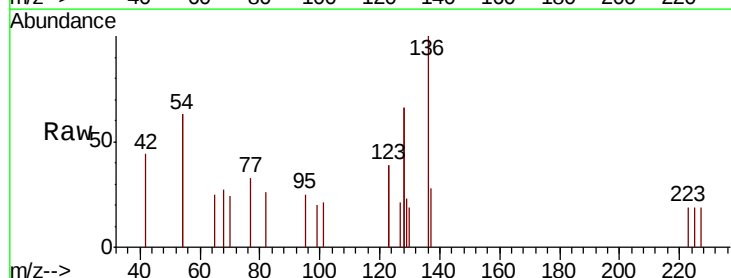
Tgt Ion: 128 Resp: 245

Ion Ratio Lower Upper

128 100

129 17.5 2.5 3.7#

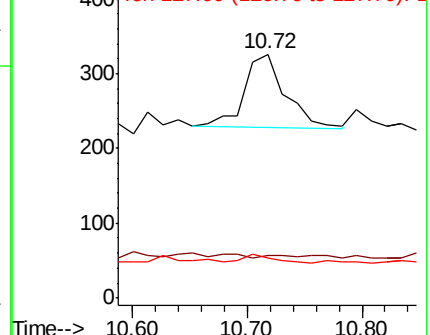
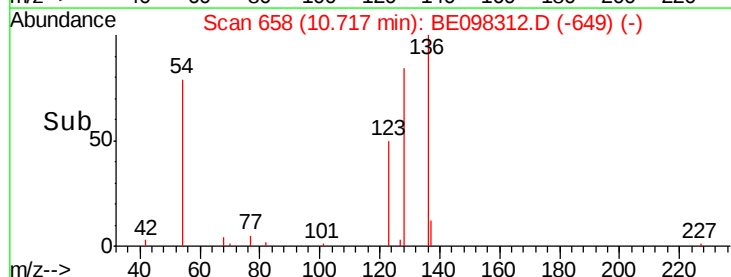
127 16.3 2.7 4.1#

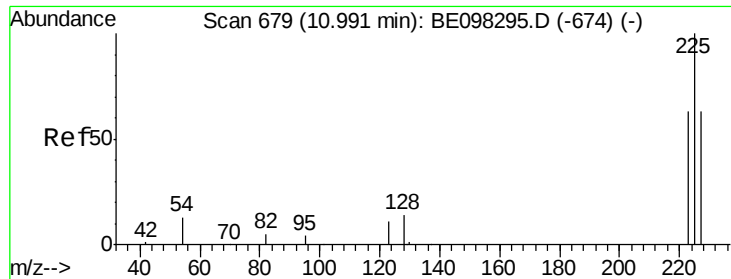


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

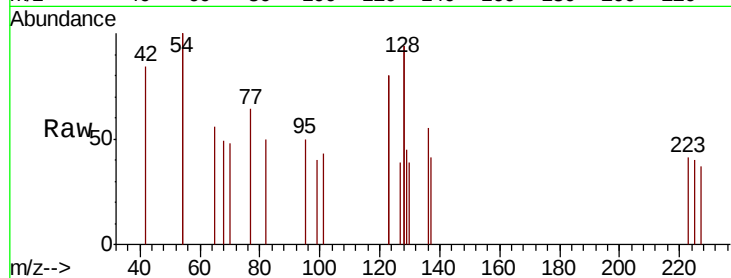




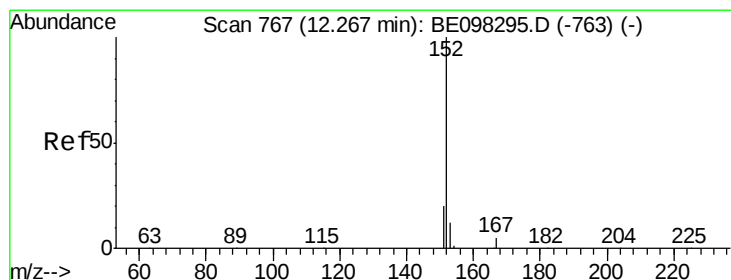
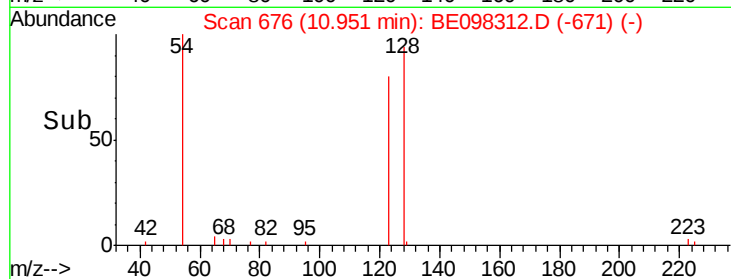
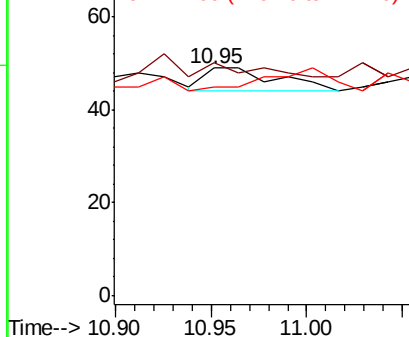
#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.04 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion: 225 Resp: 13
Ion Ratio Lower Upper
225 100
223 0.0 49.4 74.0#
227 0.0 52.0 78.0#

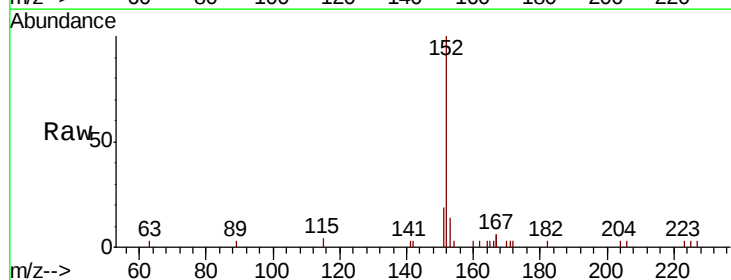


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

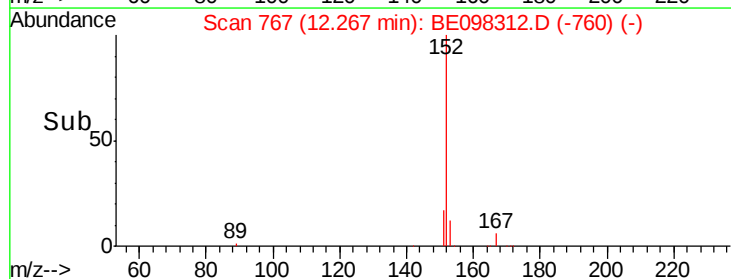
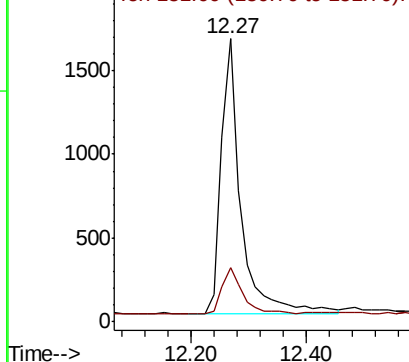


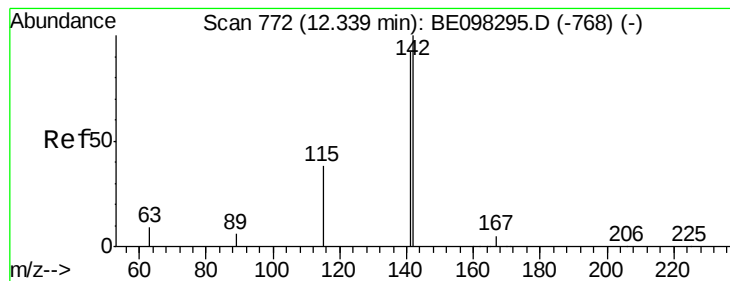
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion: 152 Resp: 3893
Ion Ratio Lower Upper
152 100
151 17.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.006 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

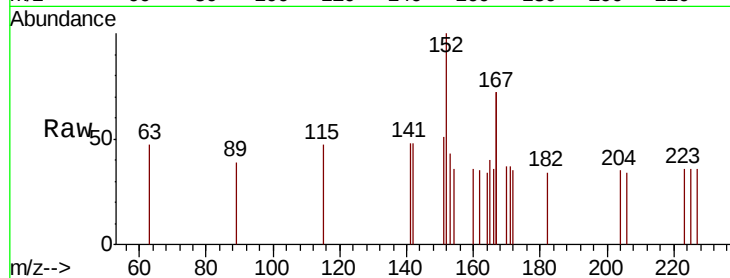
Tgt Ion:142 Resp: 54

Ion Ratio Lower Upper

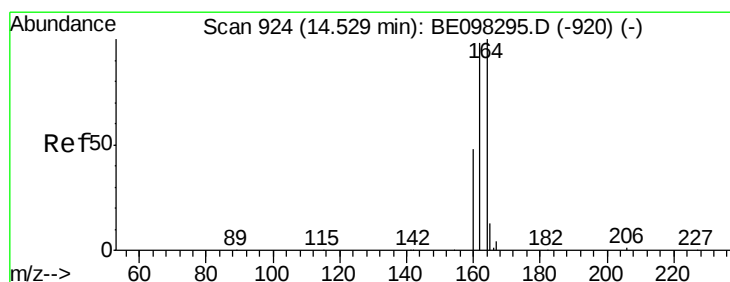
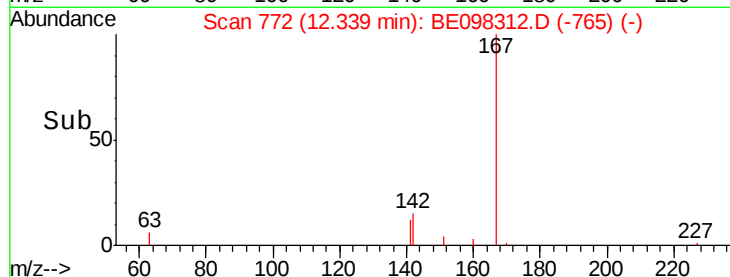
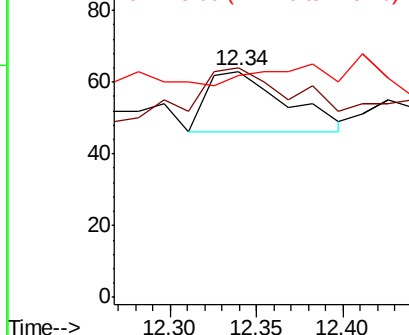
142 100

141 101.6 71.0 106.6

115 98.4 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: BE098312.D

Acq: 10 Dec 2018 23:45

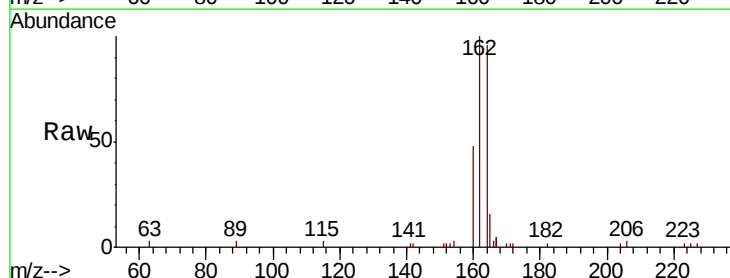
Tgt Ion:164 Resp: 3721

Ion Ratio Lower Upper

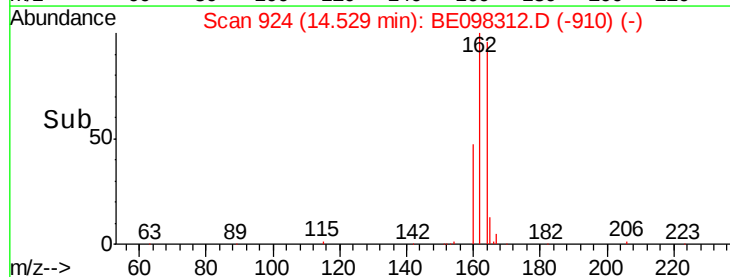
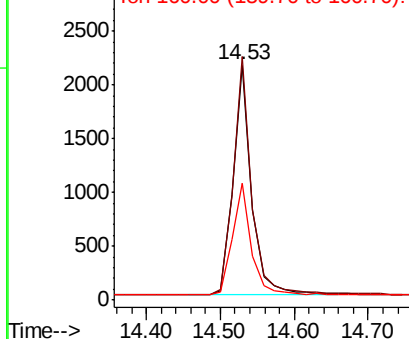
164 100

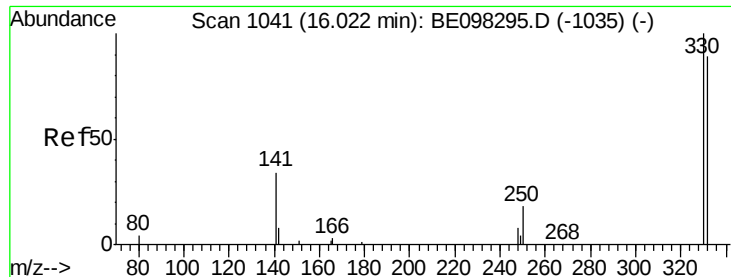
162 103.8 77.6 116.4

160 50.0 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

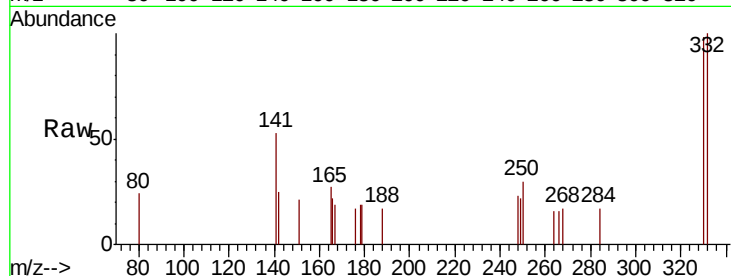




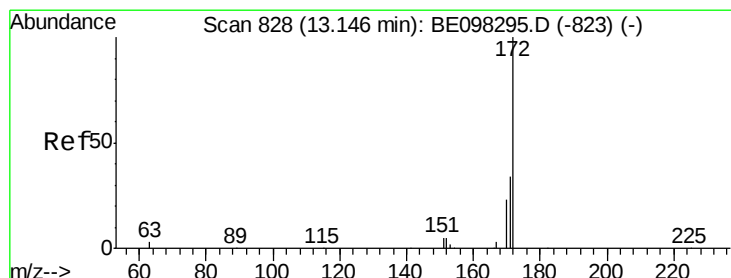
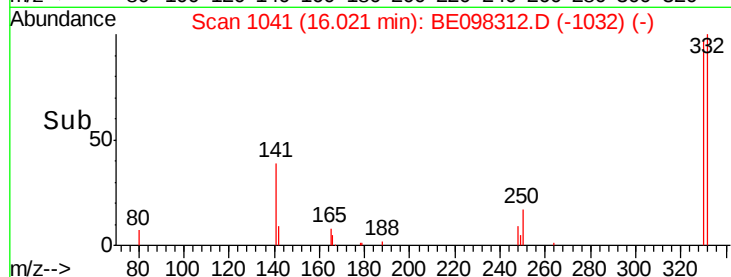
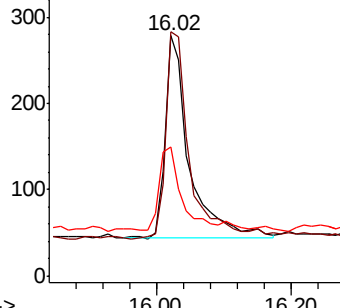
#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20181204

Tgt Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 106.3 76.2 114.4
141 40.7 39.0 58.4

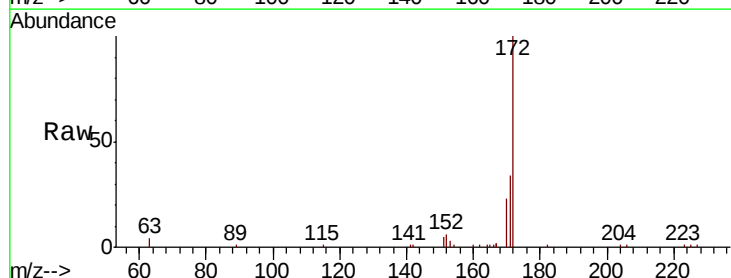


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

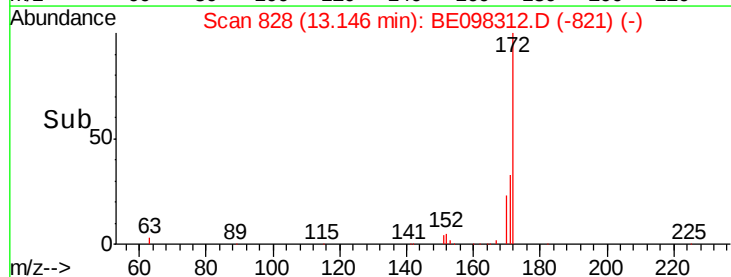
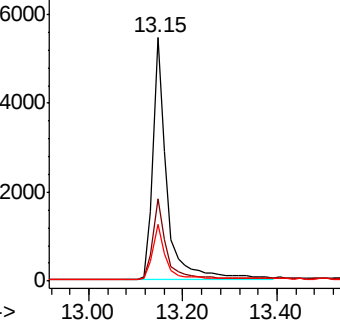


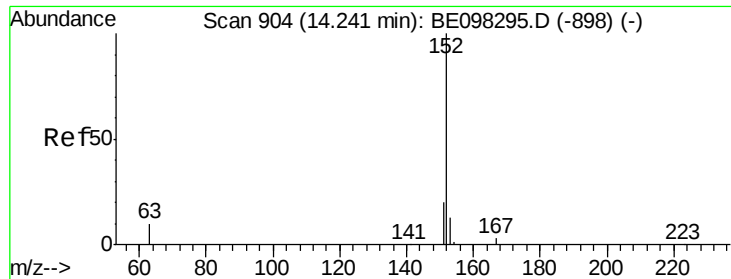
#15
2-Fluorobiphenyl
Concen: 0.702 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion:172 Resp: 11017
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.3 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: 0.003 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

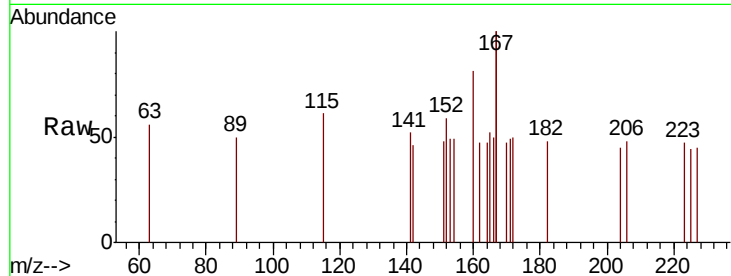
Tgt Ion:152 Resp: 44

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#

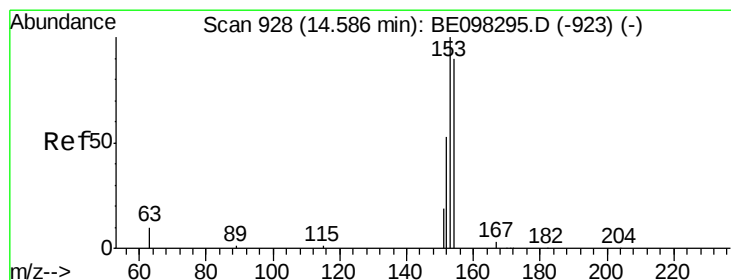
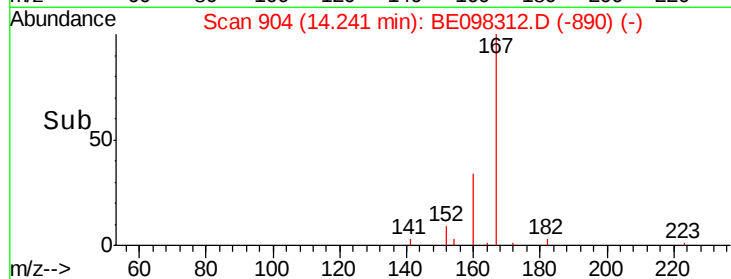
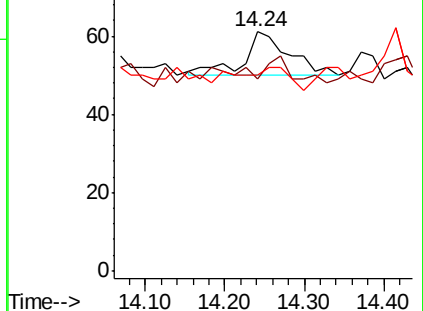
153 63.6 10.6 16.0#



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: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

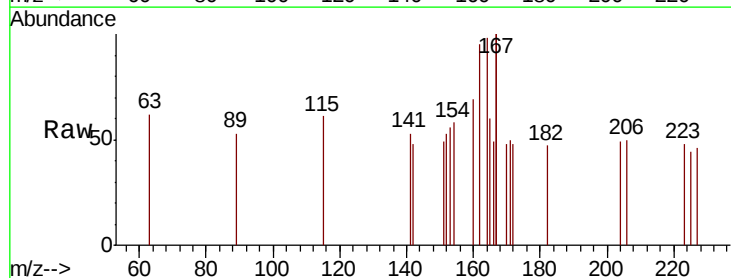
Tgt Ion:154 Resp: 14

Ion Ratio Lower Upper

154 100

153 128.6 91.8 137.6

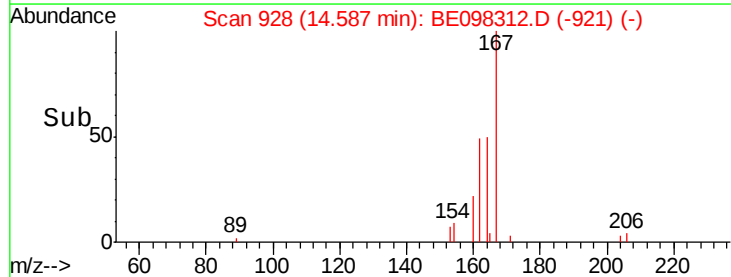
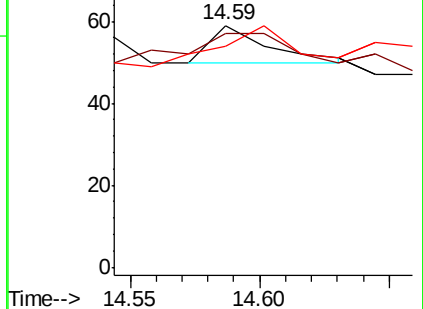
152 142.9 45.5 68.3#

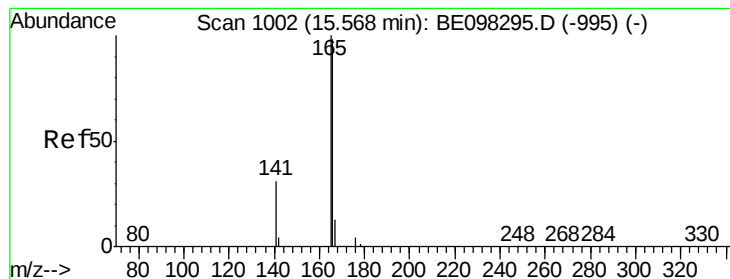


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.004 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

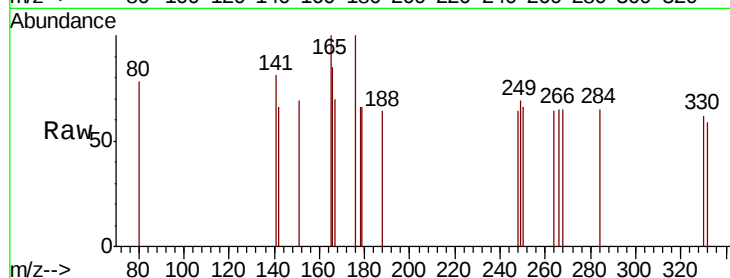
Tgt Ion:166 Resp: 57

Ion Ratio Lower Upper

166 100

165 86.0 79.3 118.9

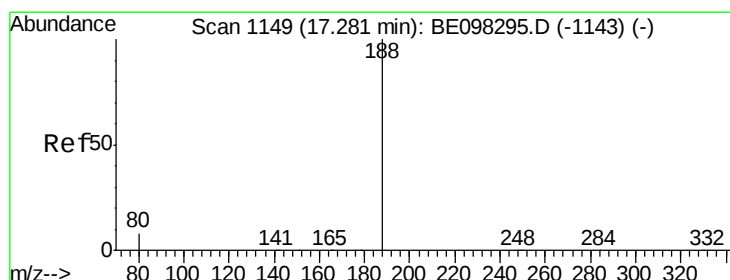
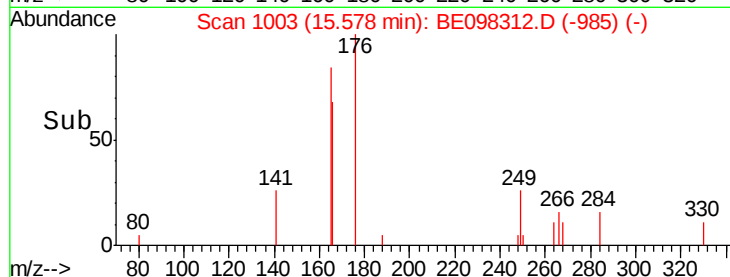
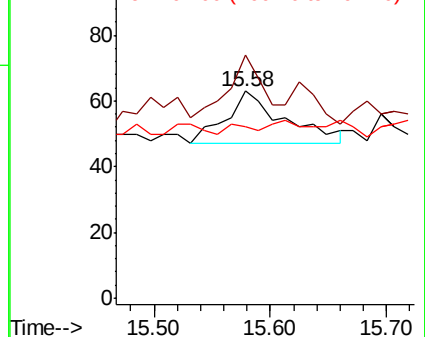
167 0.0 11.3 16.9#



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

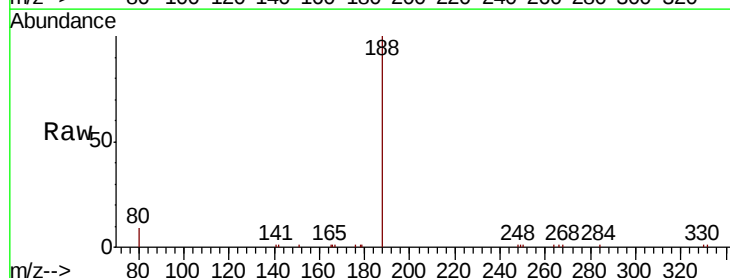
Tgt Ion:188 Resp: 9395

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

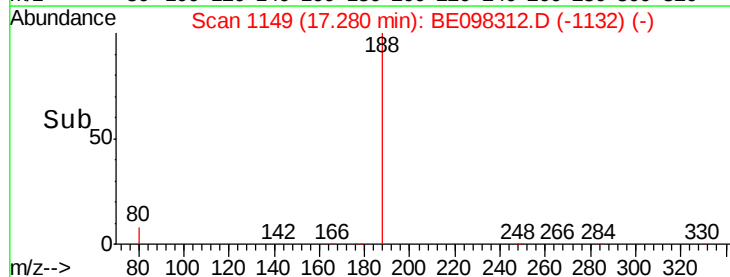
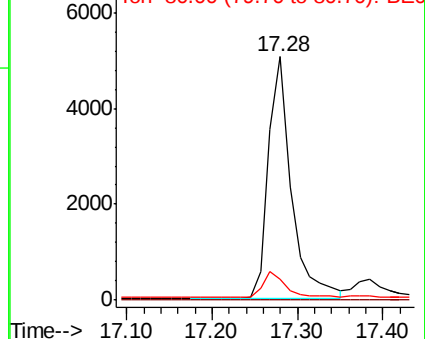
80 8.7 7.2 10.8

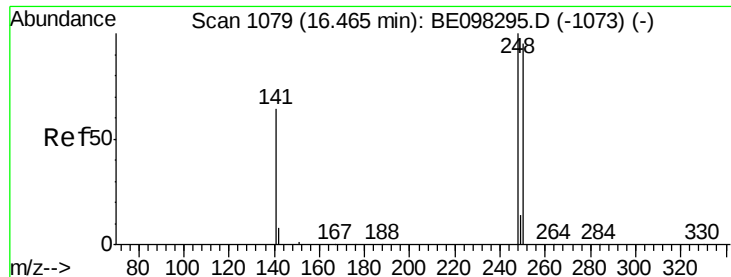


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

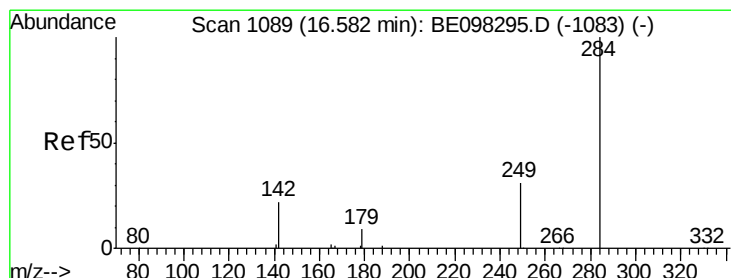
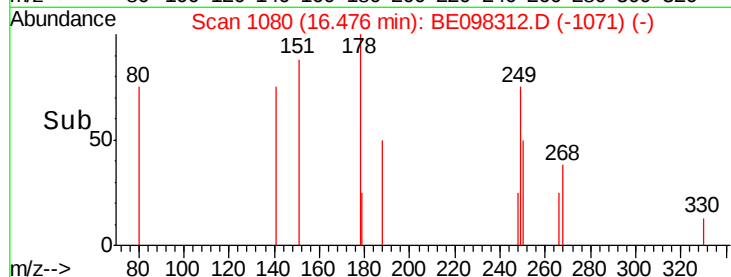
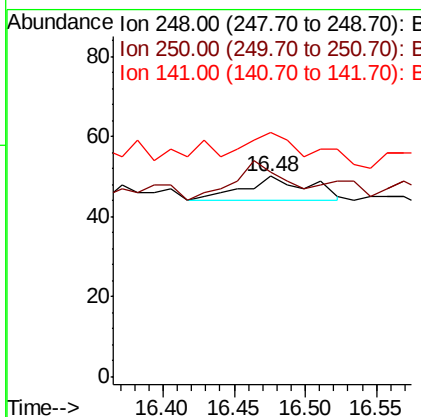
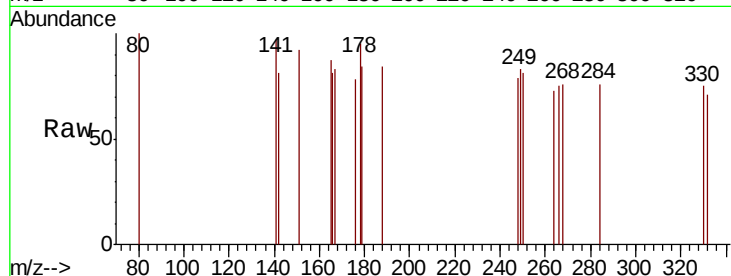




#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

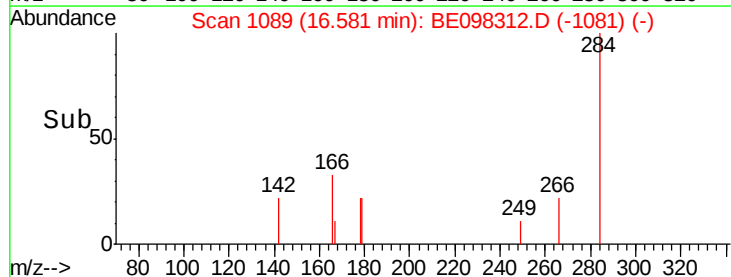
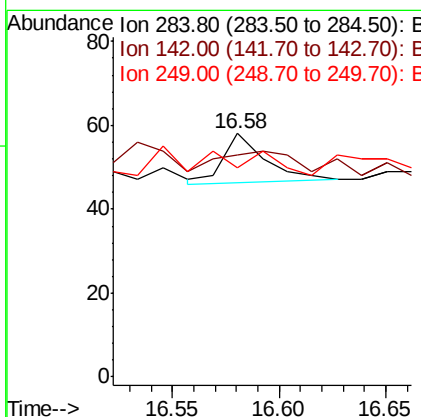
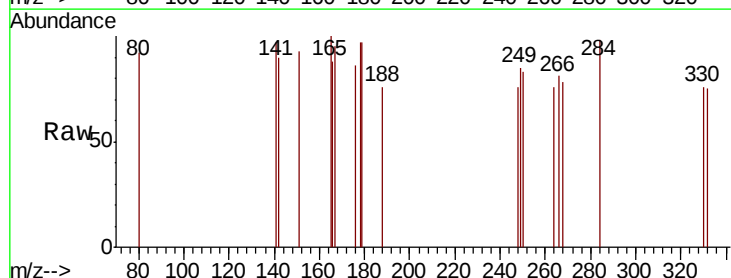
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20181204

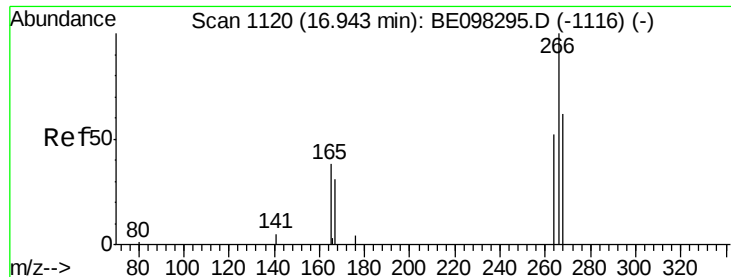
Tgt Ion: 248 Resp: 20
Ion Ratio Lower Upper
248 100
250 102.0 71.0 106.6
141 122.0 62.1 93.1#



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion: 284 Resp: 16
Ion Ratio Lower Upper
284 100
142 106.3 26.3 39.5#
249 0.0 26.0 39.0#





#22

Pentachlorophenol

Concen: 0.022 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

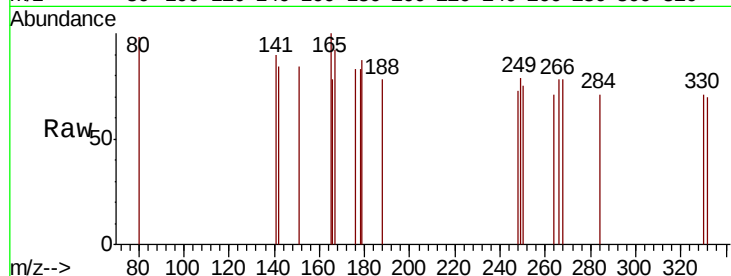
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

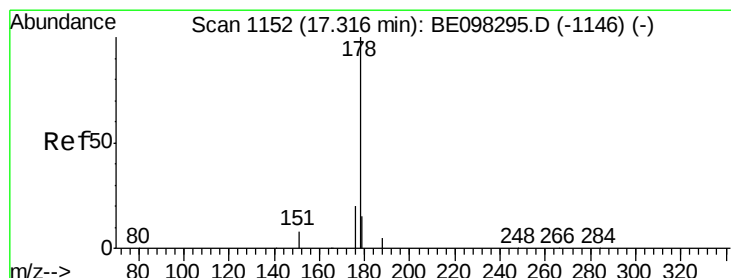
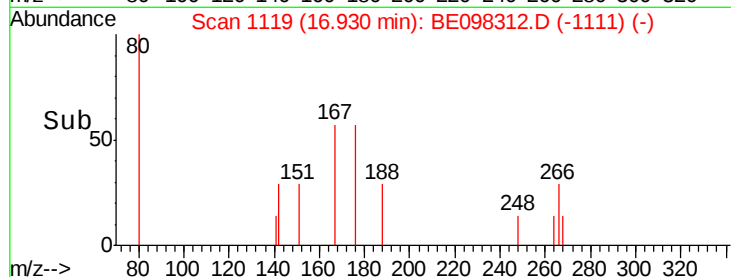
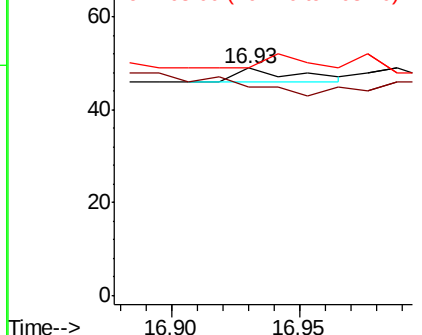
Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	91.8	59.0	88.4#
268	100.0	55.1	82.7#



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: 0.007 ng

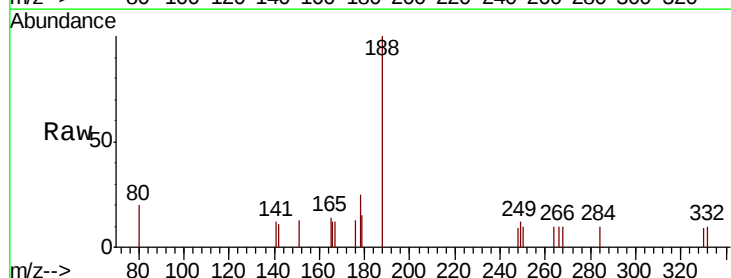
RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

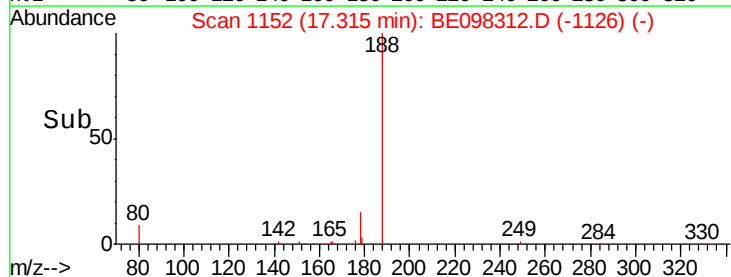
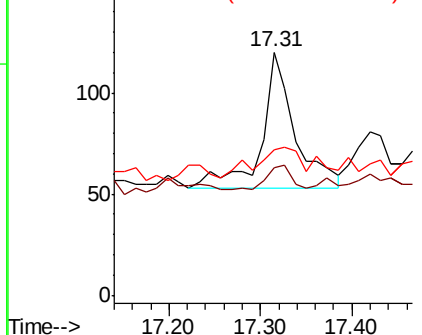
Tgt Ion:	178	Resp:	170
Ion	Ratio	Lower	Upper
178	100		
176	15.3	15.9	23.9#
179	37.6	12.3	18.5#

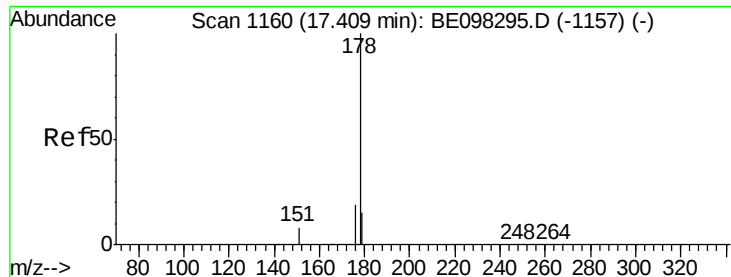


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.003 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

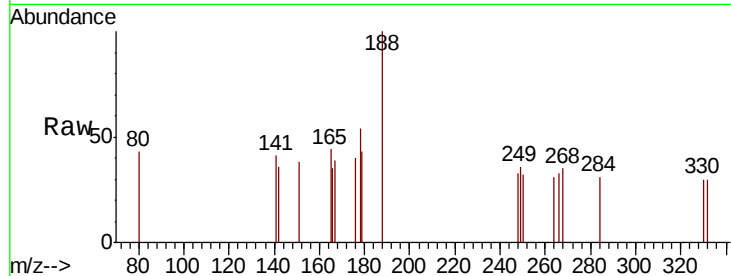
Tgt Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 22.5 15.0 22.4#

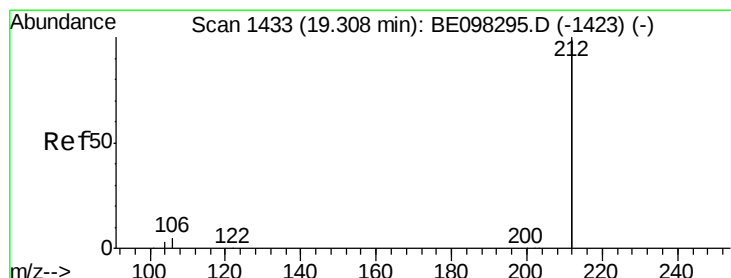
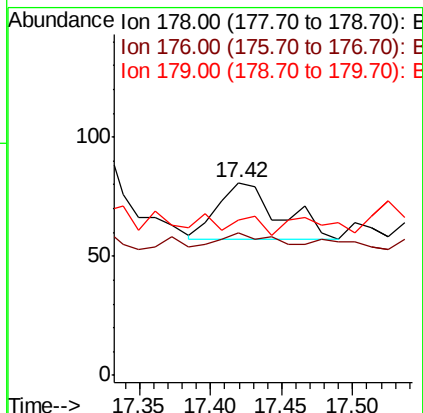
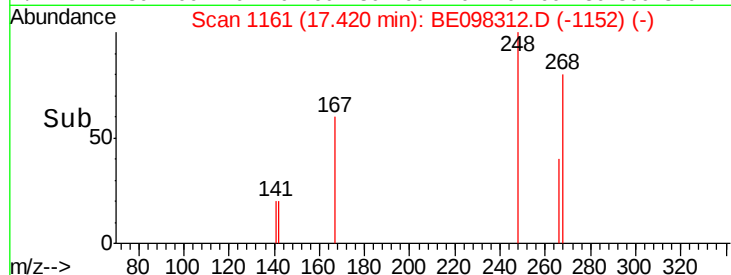
179 0.0 12.3 18.5#



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



#25

Fluoranthene-d10

Concen: 0.475 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

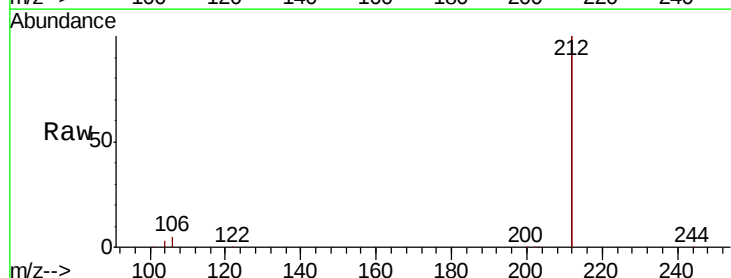
Tgt Ion:212 Resp: 57272

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

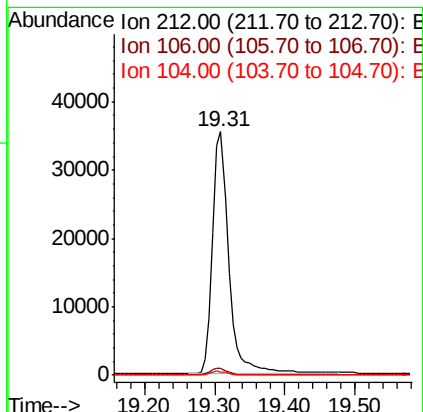
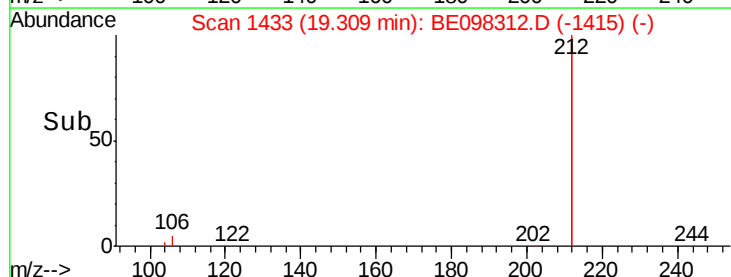
104 1.6 1.3 1.9

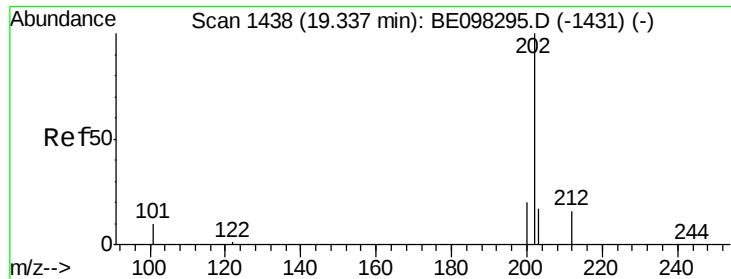


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

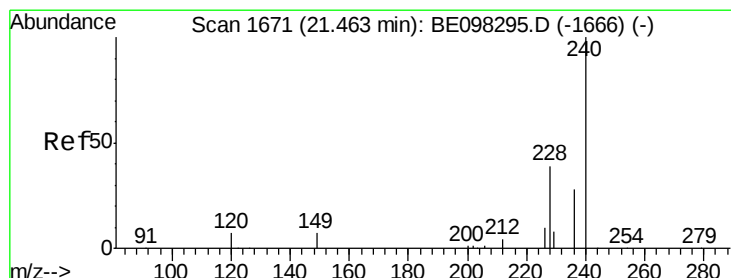
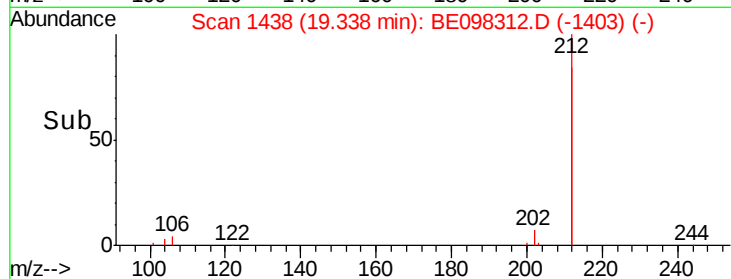
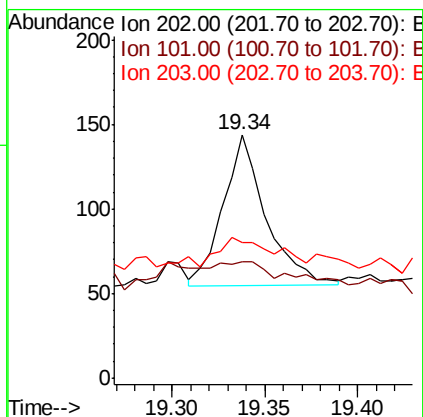
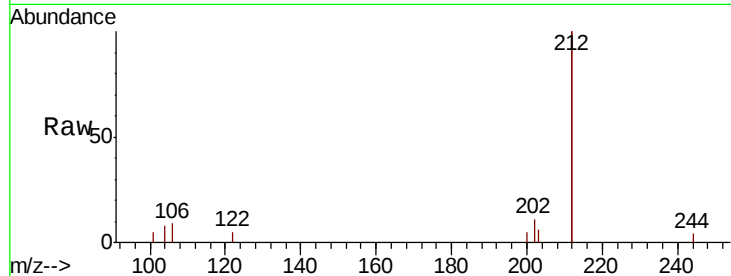




#26
Fluoranthene
Concen: 0.005 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

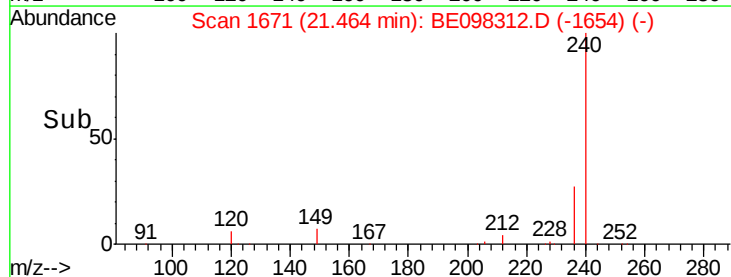
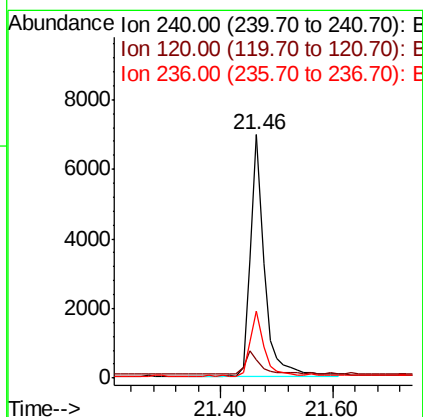
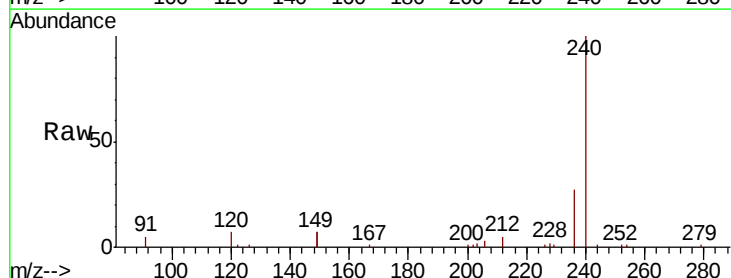
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20181204

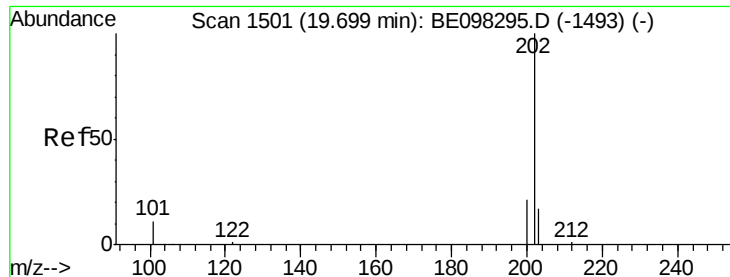
Tgt Ion:202 Resp: 144
Ion Ratio Lower Upper
202 100
101 0.0 8.0 12.0#
203 25.0 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion:240 Resp: 11958
Ion Ratio Lower Upper
240 100
120 7.4 9.5 14.3#
236 27.4 22.7 34.1

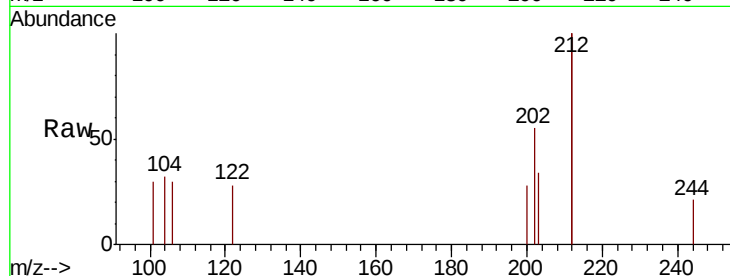




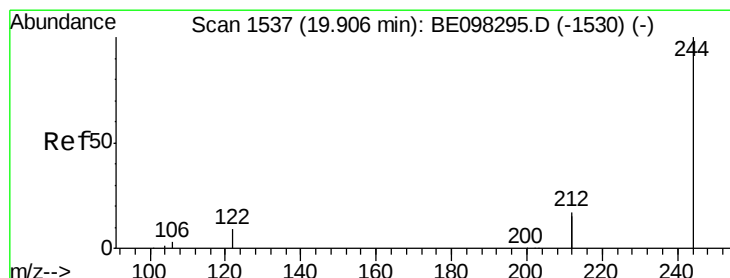
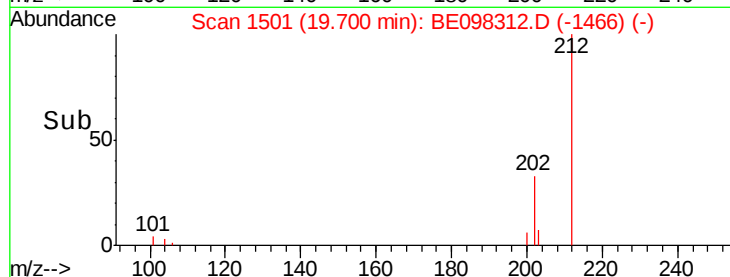
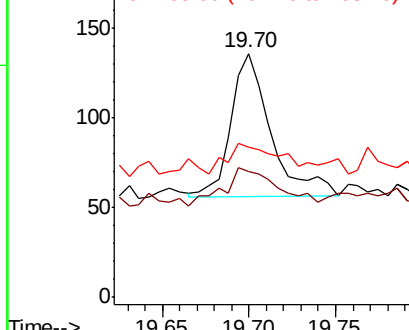
#28
Pyrene
Concen: 0.003 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20181204

Tgt Ion: 202 Resp: 127
Ion Ratio Lower Upper
202 100
200 36.2 16.7 25.1#
203 29.1 14.1 21.1#

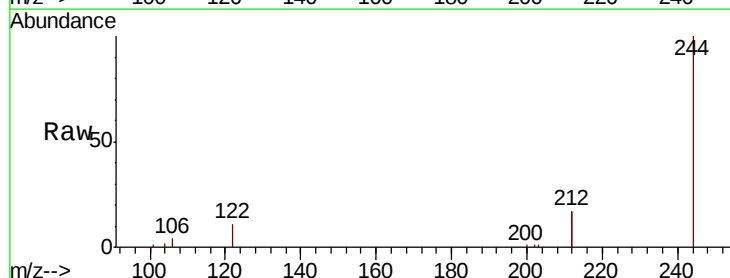


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

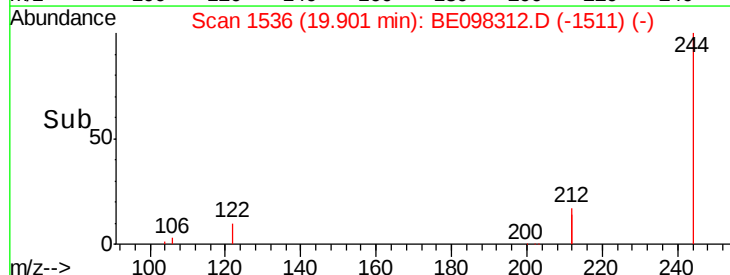
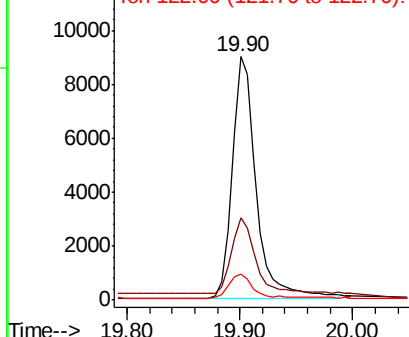


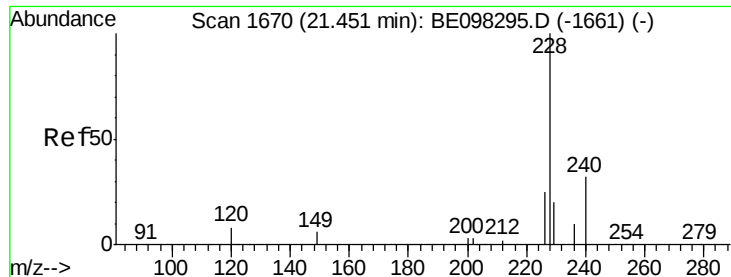
#29
Terphenyl-d14
Concen: 0.463 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098312.D
Acq: 10 Dec 2018 23:45

Tgt Ion: 244 Resp: 13456
Ion Ratio Lower Upper
244 100
212 33.7 27.4 41.0
122 10.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.005 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

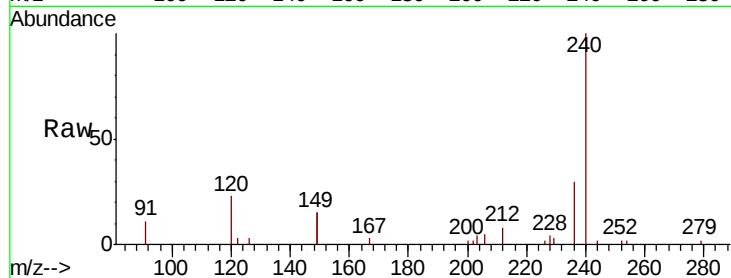
Tgt Ion:228 Resp: 160

Ion Ratio Lower Upper

228 100

226 67.5 21.8 32.8#

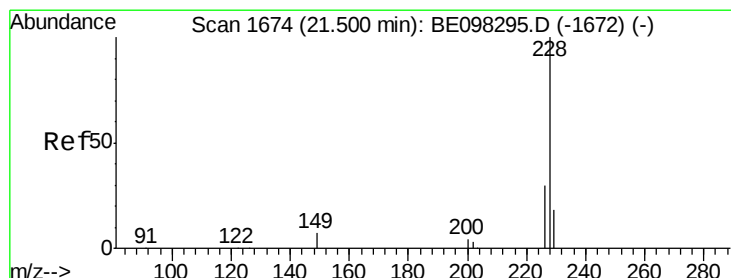
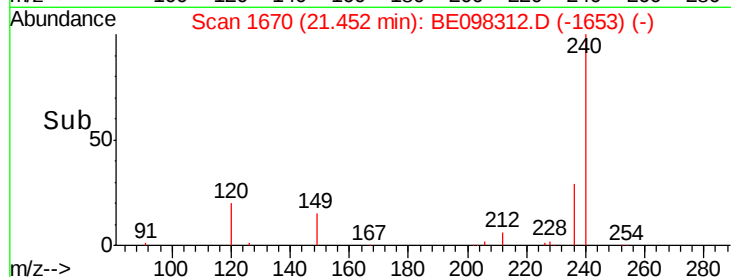
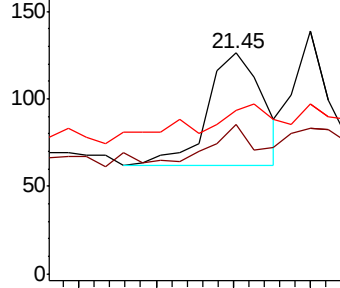
229 73.8 16.3 24.5#



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: 0.003 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

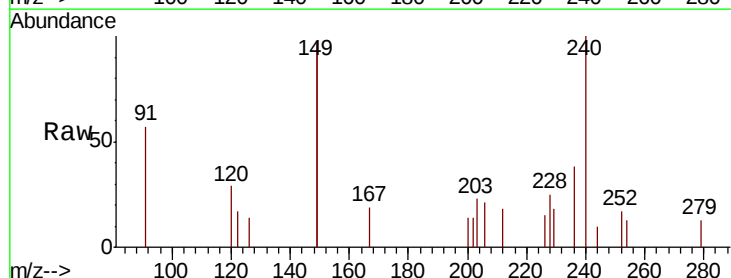
Tgt Ion:228 Resp: 110

Ion Ratio Lower Upper

228 100

226 59.7 23.4 35.0#

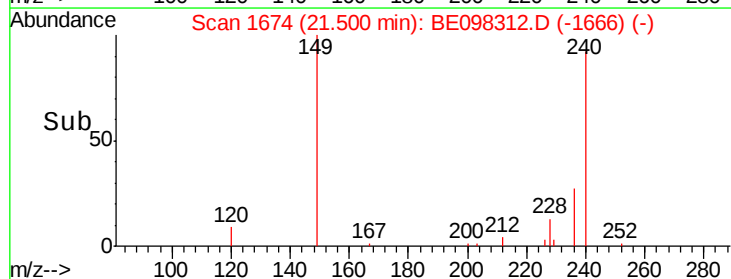
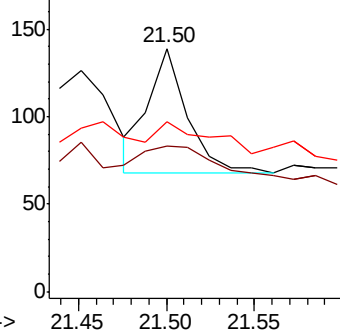
229 69.8 16.2 24.4#

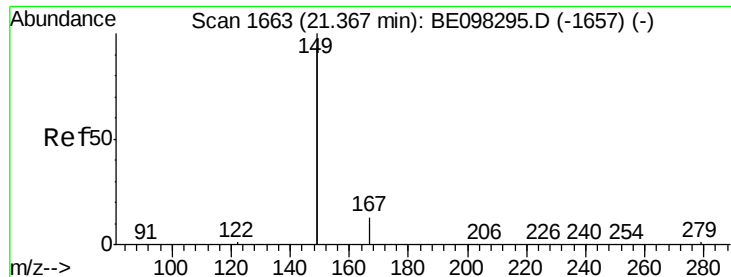


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

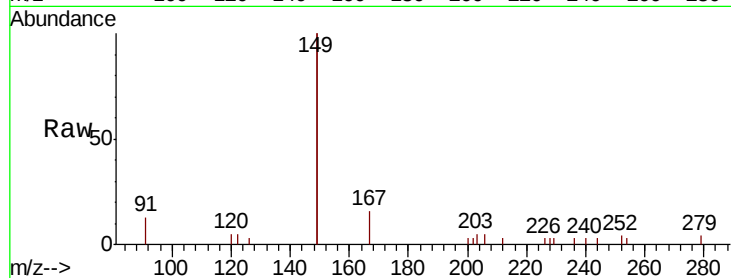
Tgt Ion:149 Resp: 5499

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

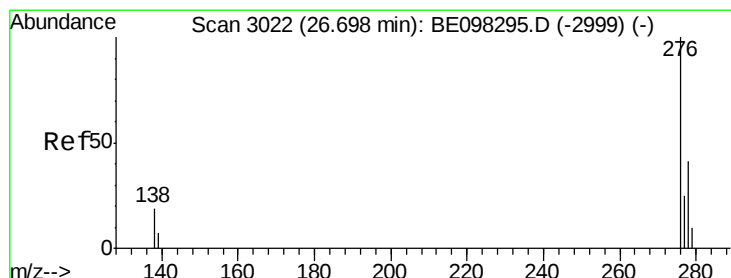
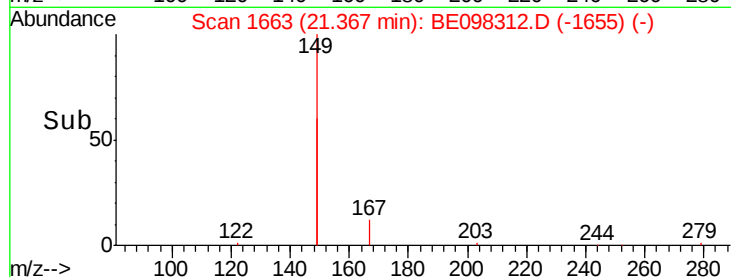
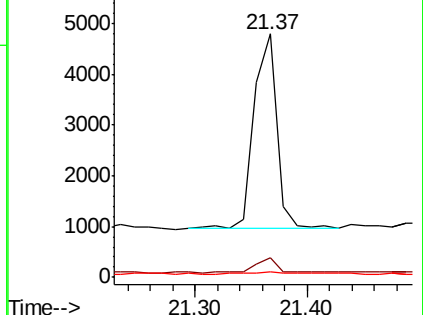
279 1.6 1.0 1.4#



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: 0.001 ng

RT: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

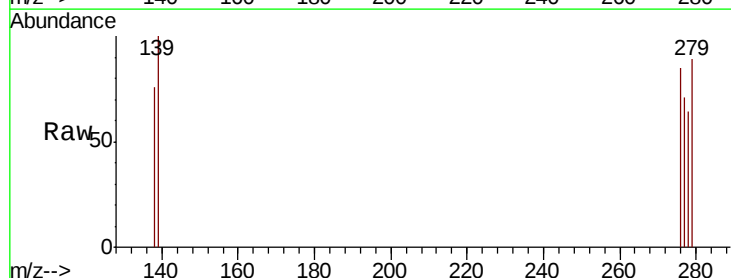
Tgt Ion:276 Resp: 41

Ion Ratio Lower Upper

276 100

138 80.5 16.3 24.5#

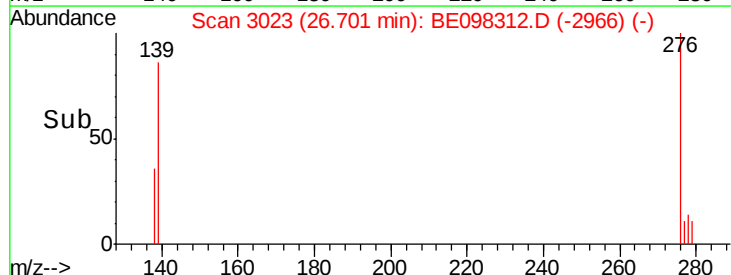
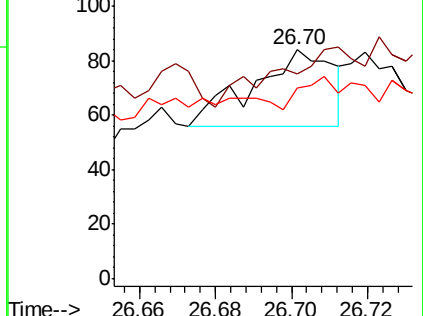
277 29.3 20.2 30.4

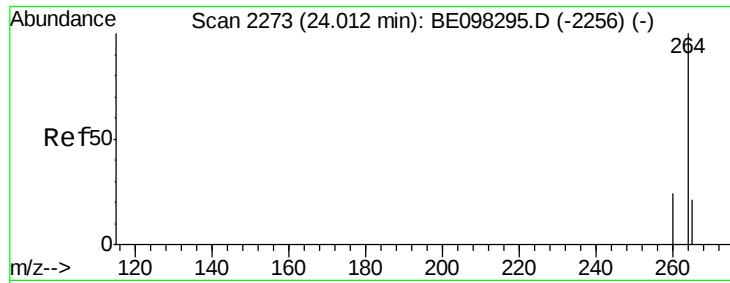


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

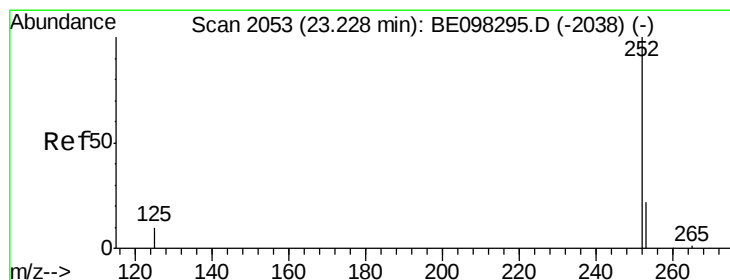
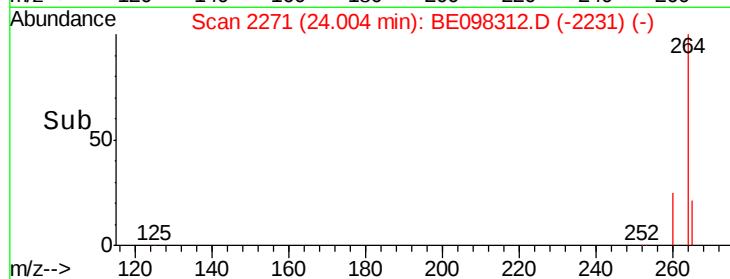
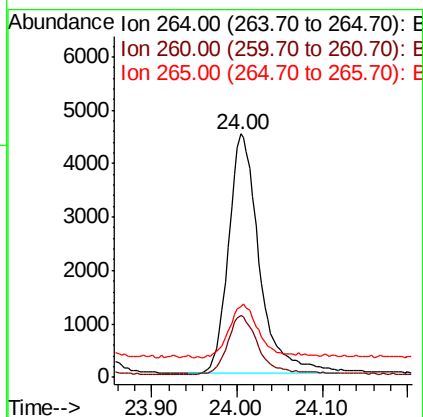
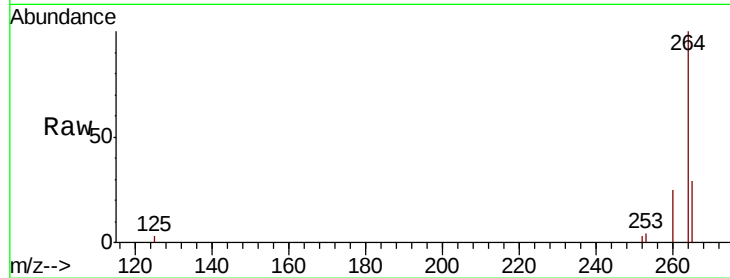




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098312.D
 Acq: 10 Dec 2018 23:45

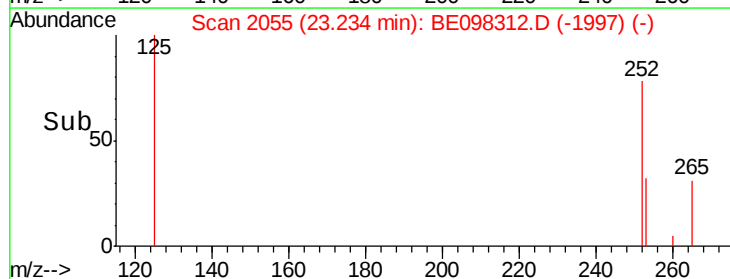
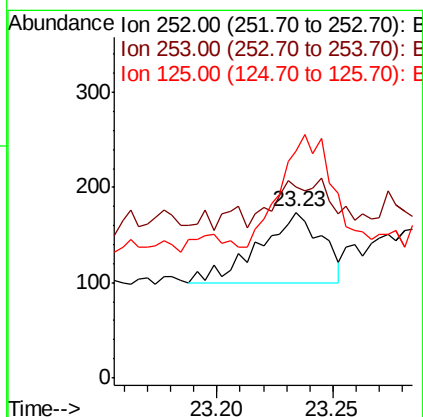
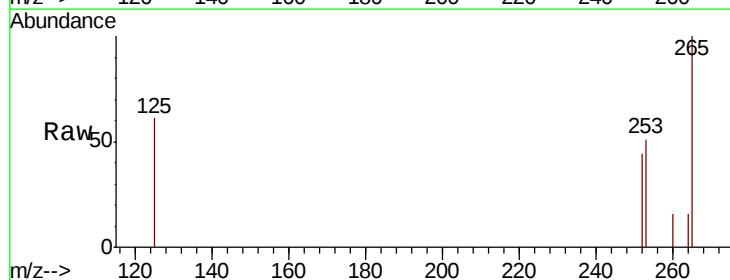
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20181204

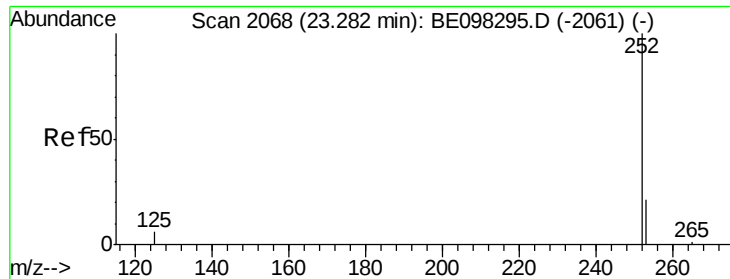
Tgt Ion: 264 Resp: 11290
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 29.2 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.004 ng
 RT: 23.23 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BE098312.D
 Acq: 10 Dec 2018 23:45

Tgt Ion: 252 Resp: 138
 Ion Ratio Lower Upper
 252 100
 253 114.9 20.0 30.0#
 125 136.8 9.6 14.4#





#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

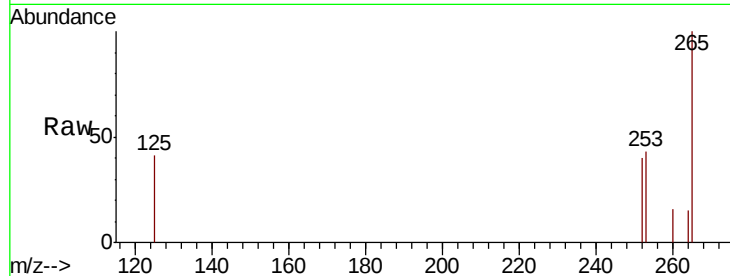
Tgt Ion:252 Resp: 85

Ion Ratio Lower Upper

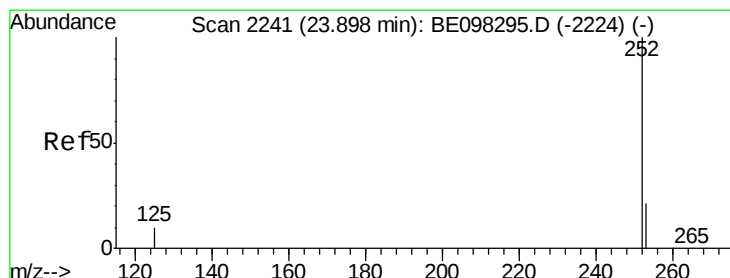
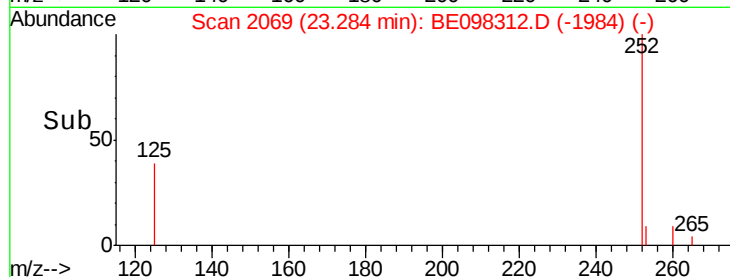
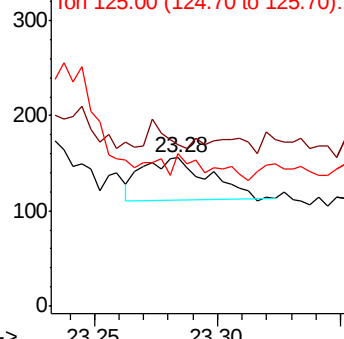
252 100

253 108.3 19.0 28.6#

125 102.6 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: 0.001 ng

RT: 23.89 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

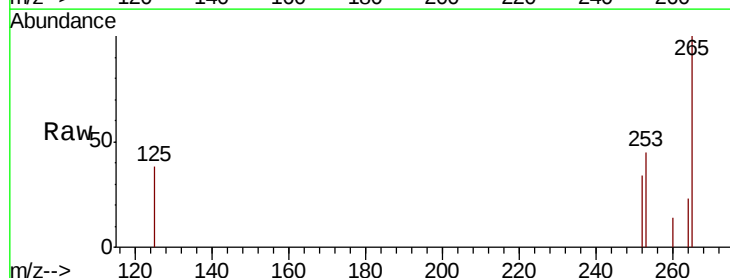
Tgt Ion:252 Resp: 31

Ion Ratio Lower Upper

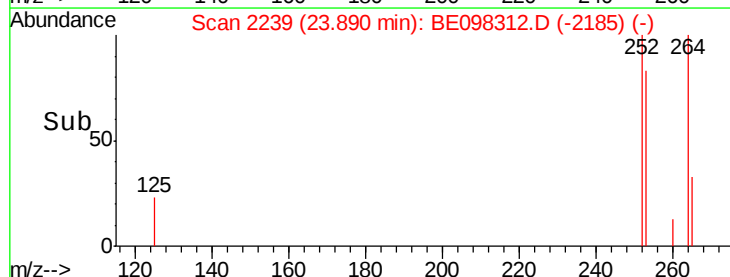
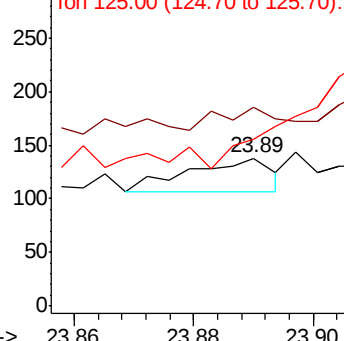
252 100

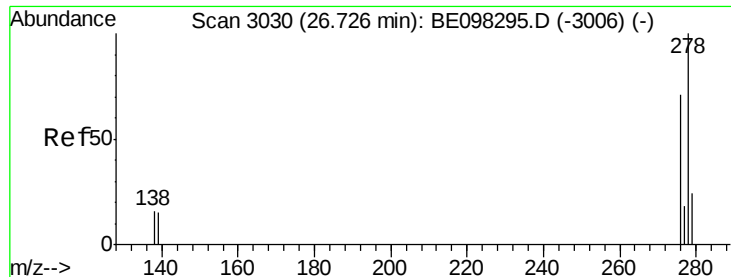
253 134.1 20.6 30.8#

125 113.0 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: 0.002 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20181204

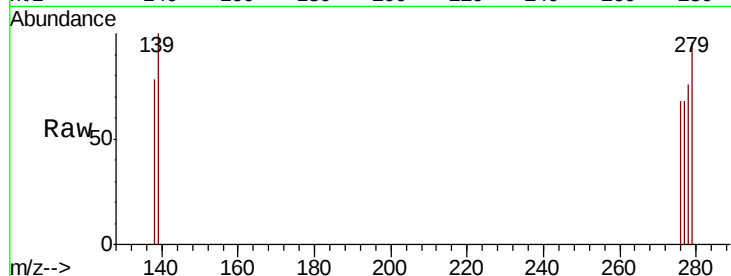
Tgt Ion: 278 Resp: 48

Ion Ratio Lower Upper

278 100

139 130.8 14.5 21.7#

279 125.6 21.8 32.8#

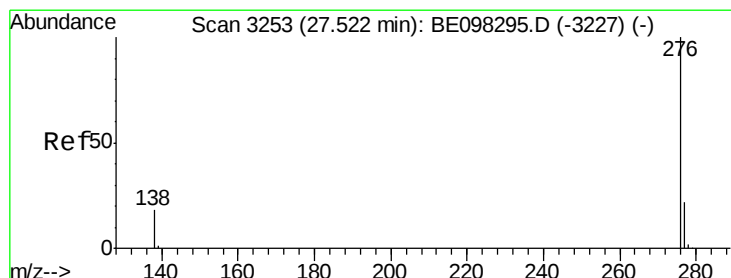
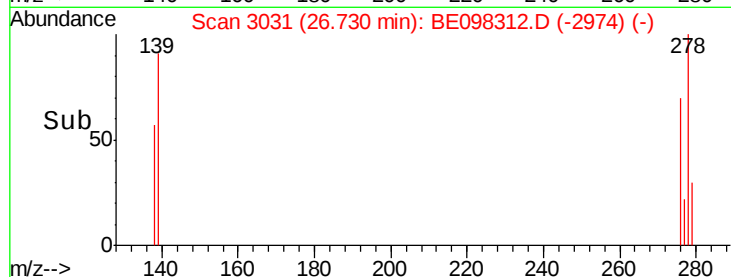
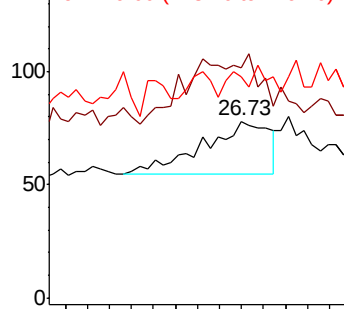


Abundance

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: 0.001 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE098312.D

Acq: 10 Dec 2018 23:45

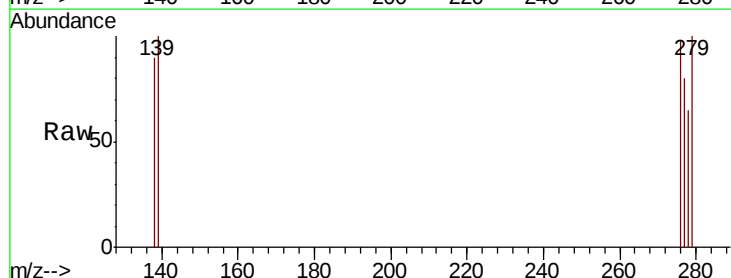
Tgt Ion: 276 Resp: 21

Ion Ratio Lower Upper

276 100

277 82.3 20.8 31.2#

138 92.4 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

