

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098975.D
 Acq On : 15 Mar 2019 17:22
 Operator : JU/SJ
 Sample : K1900-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Quant Time: Mar 16 00:51:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	884	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3879	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2528	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6334	0.40	ng	-0.02
27) Chrysene-d12	21.39	240	7103	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6776	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	403	0.15	ng	0.03
5) Phenol-d6	7.02	99	388	0.10	ng	0.03
8) Nitrobenzene-d5	8.96	82	1478	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3548	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	469	0.37	ng	-0.02
15) 2-Fluorobiphenyl	13.07	172	4582	0.44	ng	-0.01
25) Fluoranthene-d10	19.24	212	34314	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7120	0.41	ng	0.00

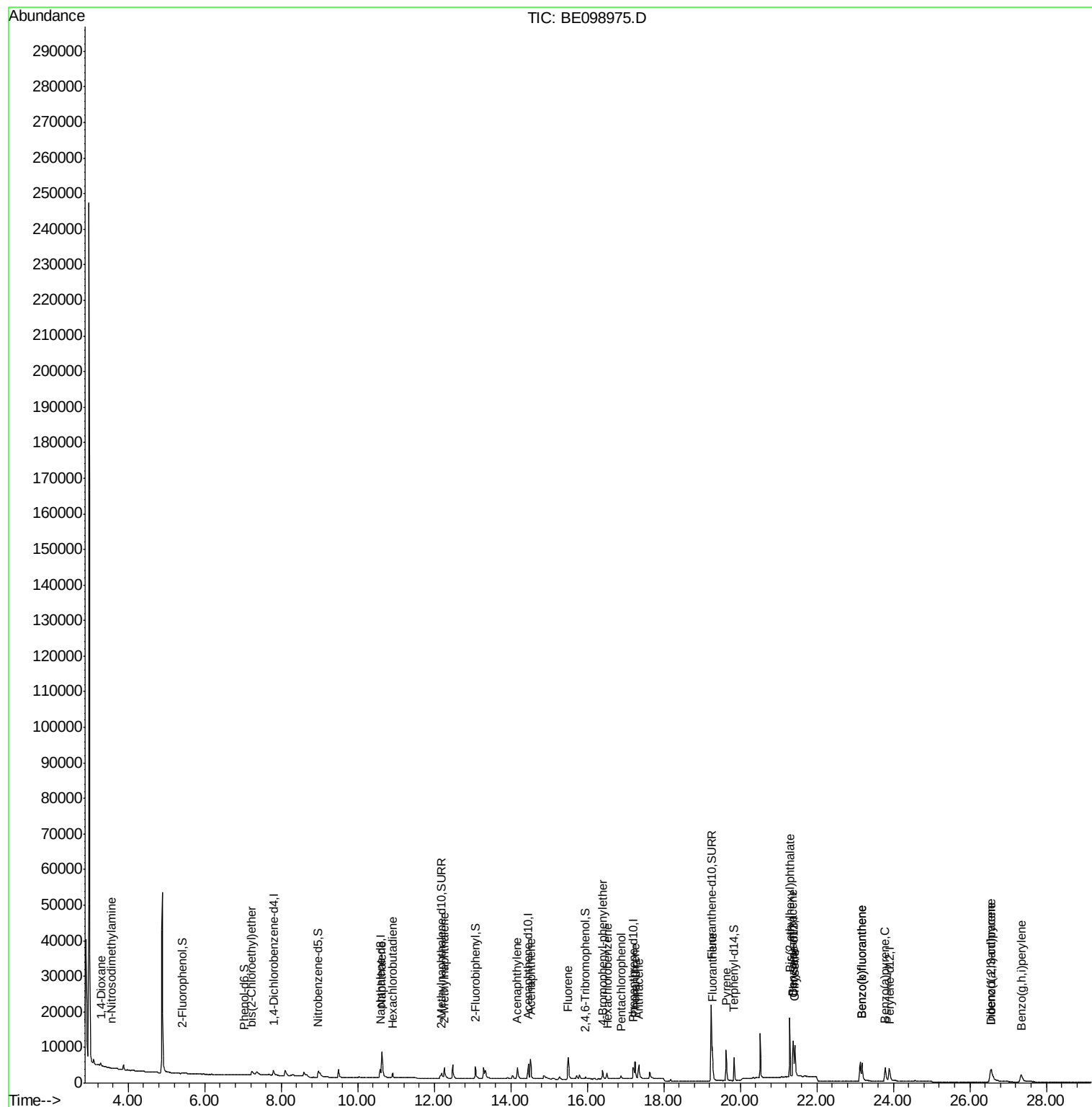
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	665	0.384	ng	# 70
3) n-Nitrosodimethylamine	3.57	42	65	0.029	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	1151	0.399	ng	80
9) Naphthalene	10.63	128	17408	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	977	0.332	ng	99
12) 2-Methylnaphthalene	12.27	142	2959	0.411	ng	97
16) Acenaphthylene	14.17	152	4853	0.373	ng	96
17) Acenaphthene	14.51	154	2981	0.386	ng	98
18) Fluorene	15.50	166	4157	0.374	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1336	0.389	ng	93
21) Hexachlorobenzene	16.52	284	1518	0.372	ng	98
22) Pentachlorophenol	16.88	266	764	0.814	ng	# 81
23) Phenanthrene	17.25	178	6835	0.380	ng	100
24) Anthracene	17.35	178	5433	0.353	ng	99
26) Fluoranthene	19.27	202	9053	0.356	ng	99
28) Pyrene	19.63	202	9401	0.433	ng	100
30) Benzo(a)anthracene	21.38	228	8521	0.384	ng	98
31) Chrysene	21.43	228	9644	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17107	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8032	0.321	ng	99
35) Benzo(b)fluoranthene	23.18	252	9691	0.435	ng	97
36) Benzo(k)fluoranthene	23.18	252	9691	0.415	ng	99
37) Benzo(a)pyrene	23.79	252	8408	0.394	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	6261	0.310	ng	98
39) Benzo(g,h,i)perylene	27.34	276	7033	0.333	ng	96

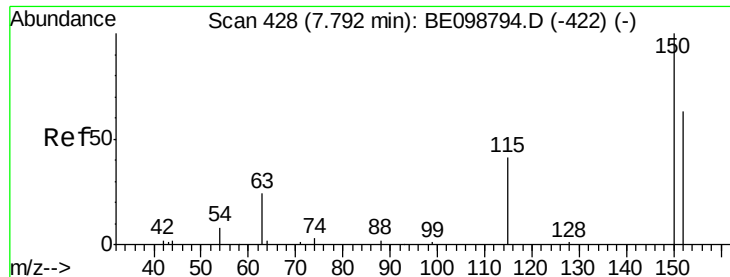
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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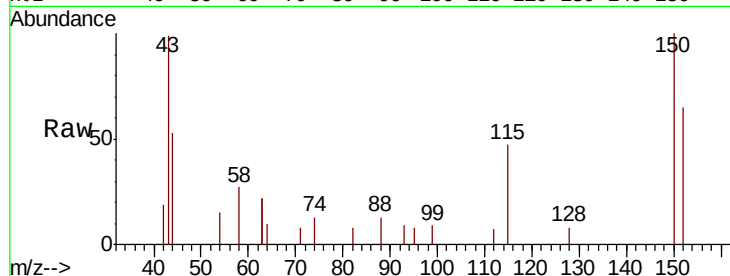


#1

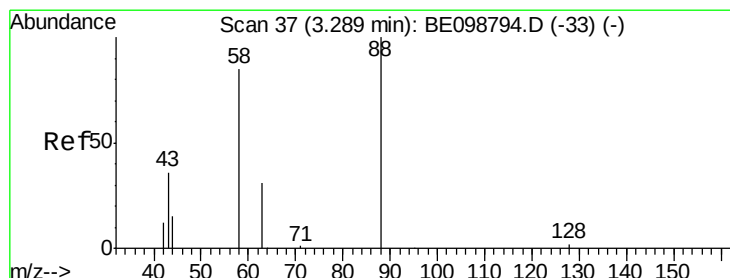
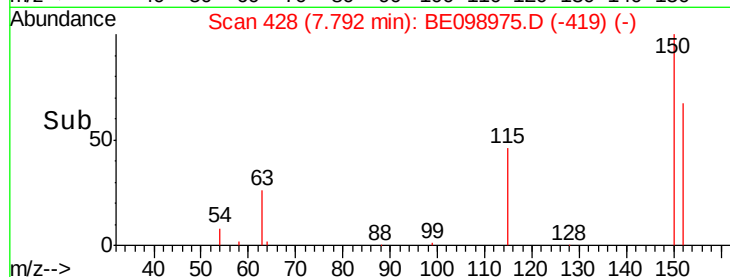
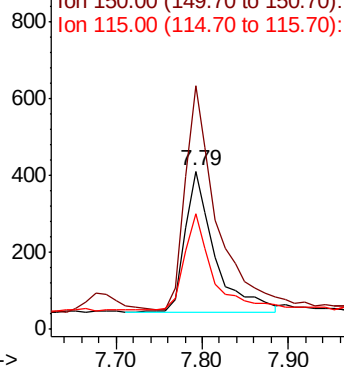
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:152 Resp: 884
Ion Ratio Lower Upper
152 100
150 154.1 122.5 183.7
115 73.2 57.4 86.2



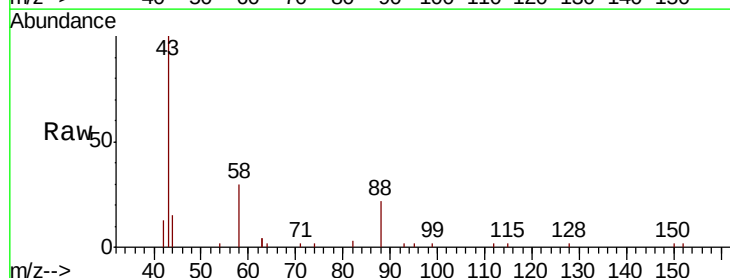
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



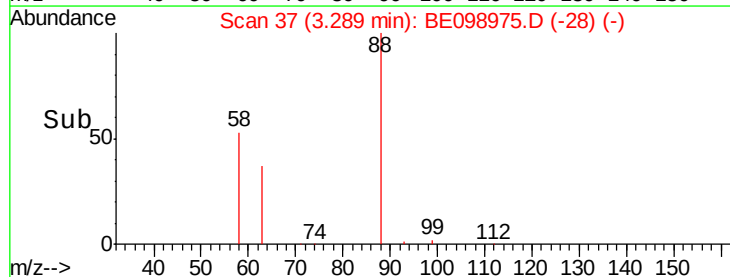
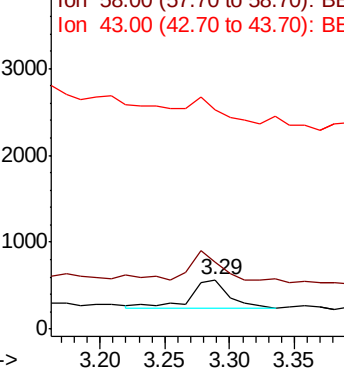
#2

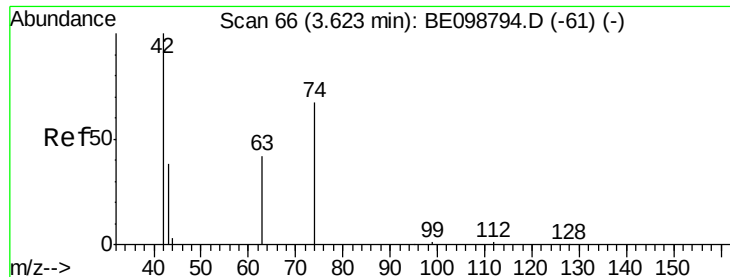
1,4-Dioxane
Concen: 0.384 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion: 88 Resp: 665
Ion Ratio Lower Upper
88 100
58 100.3 75.8 113.6
43 0.0 41.8 62.8#



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: 0.029 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.06 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

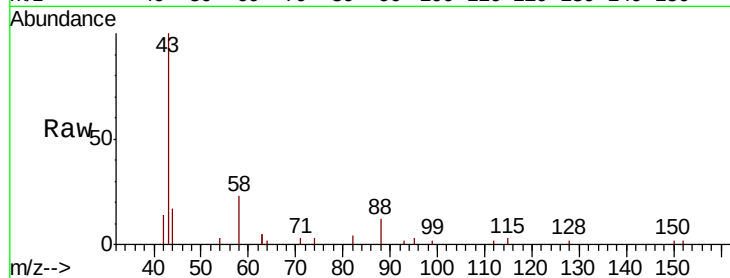
Tgt Ion: 42 Resp: 65

Ion Ratio Lower Upper

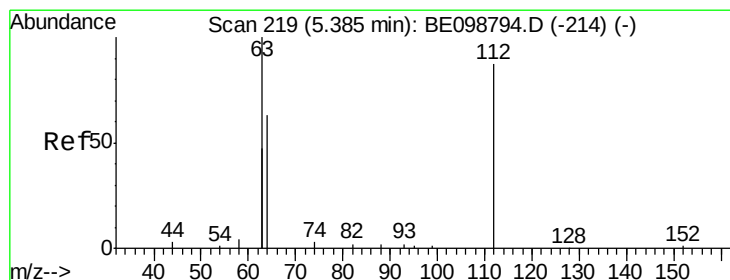
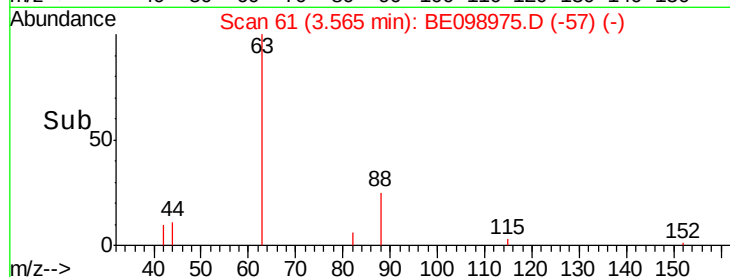
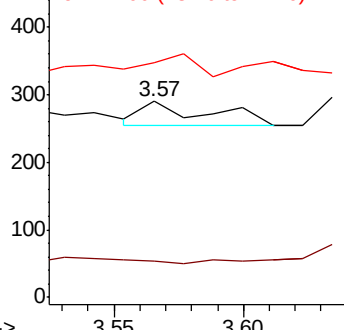
42 100

74 0.0 57.0 85.4#

44 56.9 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: 0.153 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

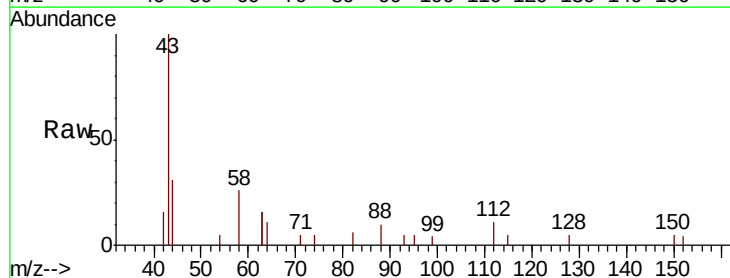
Tgt Ion: 112 Resp: 403

Ion Ratio Lower Upper

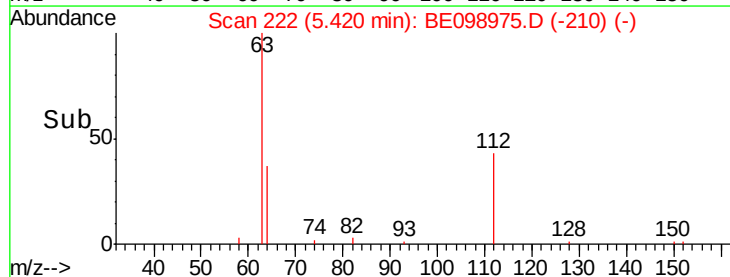
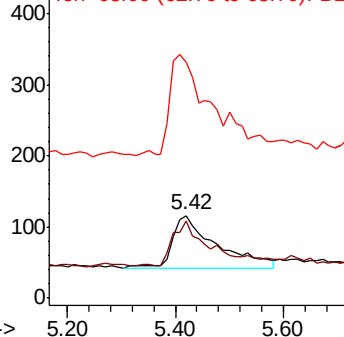
112 100

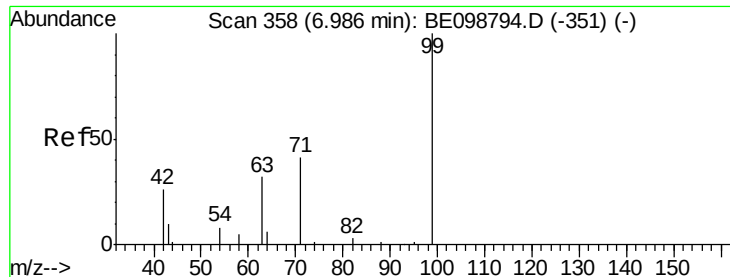
64 76.4 57.9 86.9

63 203.7 158.3 237.5



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: 0.104 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

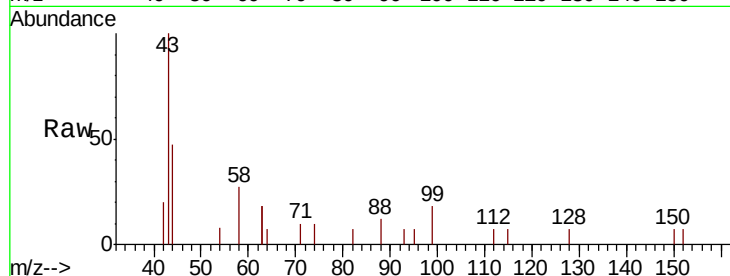
Tgt Ion: 99 Resp: 388

Ion Ratio Lower Upper

99 100

42 14.2 24.2 36.2#

71 33.2 35.7 53.5#



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

200

150

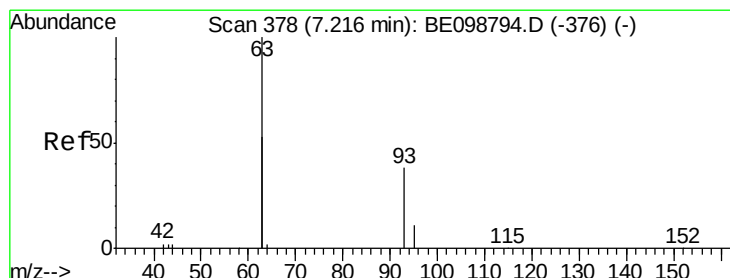
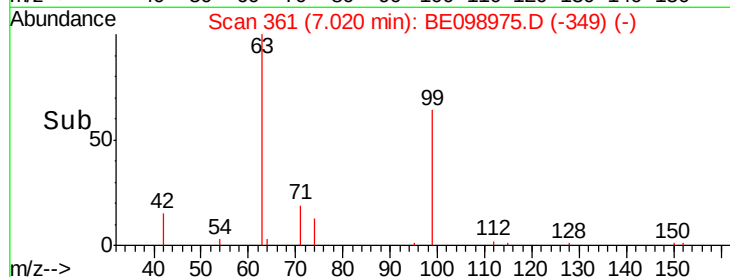
100

50

0

6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

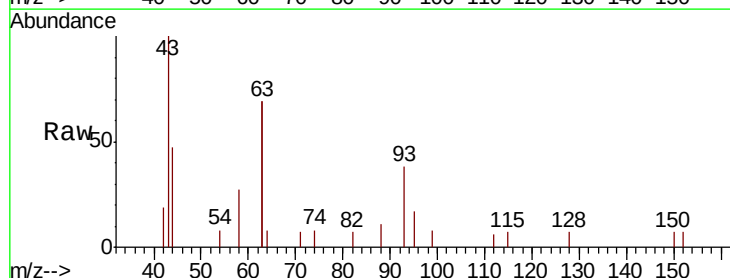
Tgt Ion: 93 Resp: 1151

Ion Ratio Lower Upper

93 100

63 266.7 247.5 371.3

95 25.5 21.8 32.8



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

1200

1000

800

600

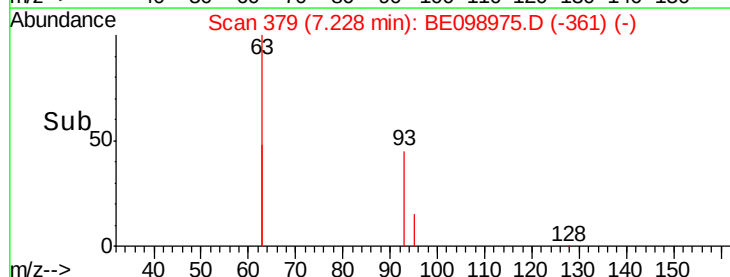
400

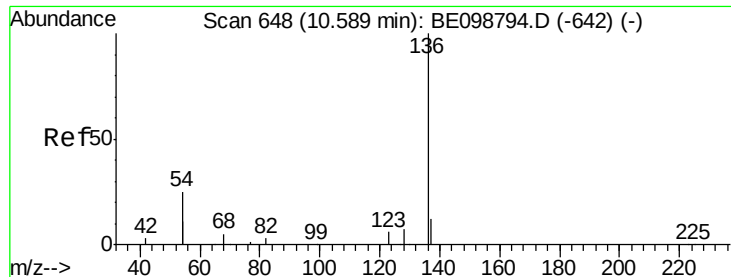
200

0

7.10 7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

Tgt Ion:136 Resp: 3879

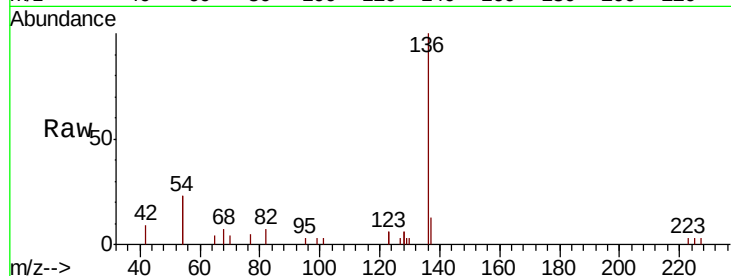
Ion Ratio Lower Upper

136 100

137 13.4 11.4 17.0

54 47.0 39.3 58.9

68 7.4 6.7 10.1

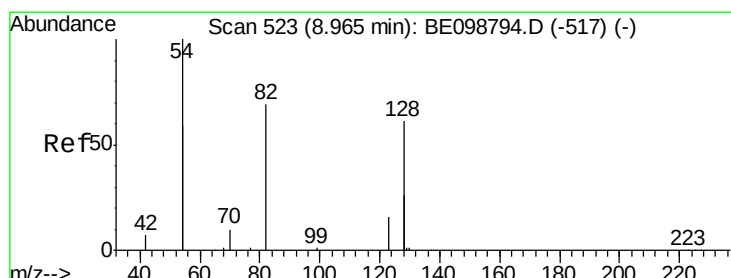
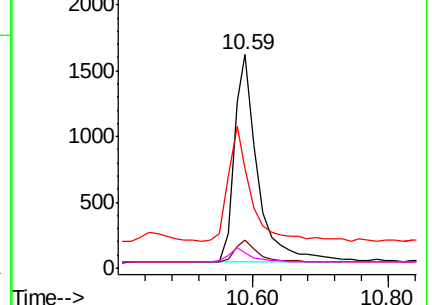
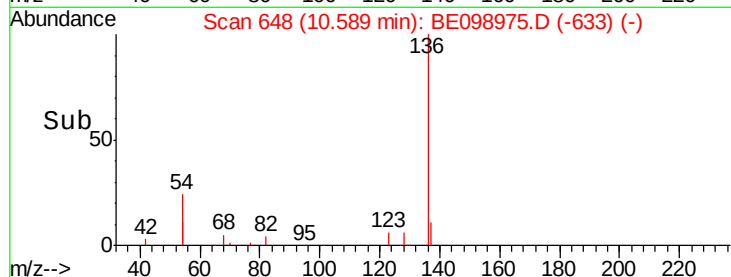


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

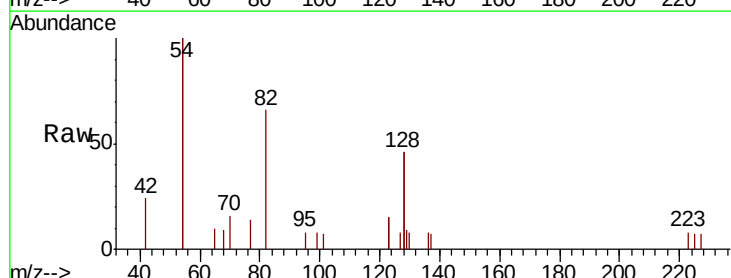
Tgt Ion: 82 Resp: 1478

Ion Ratio Lower Upper

82 100

128 139.2 123.8 185.8

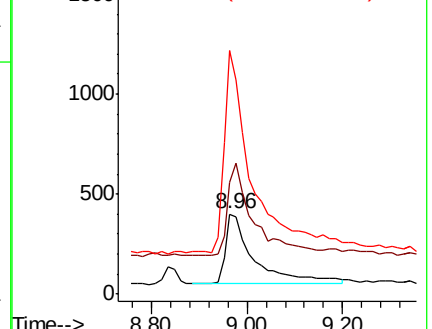
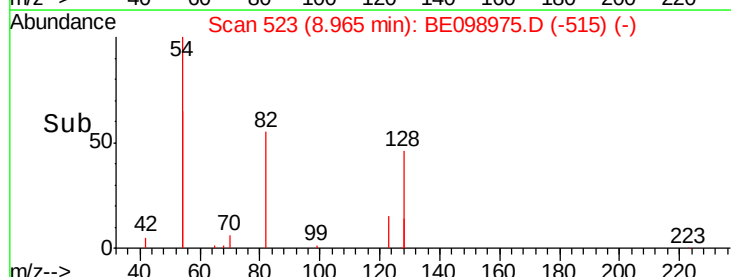
54 303.7 203.4 305.2

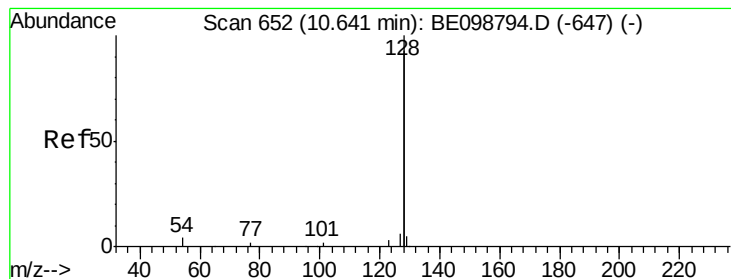


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098975.D

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BPS1-TT-MW309D-20190313MSD

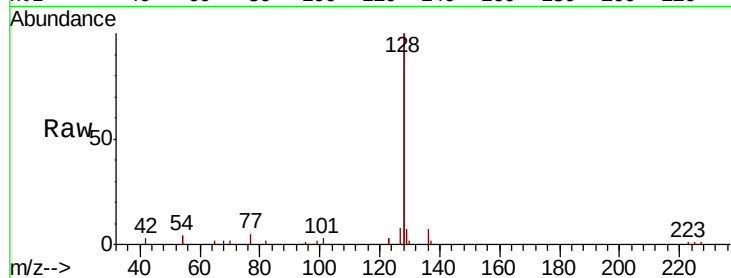
Tgt Ion:128 Resp: 17408

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

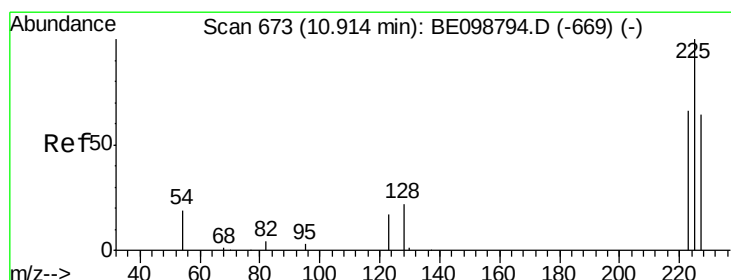
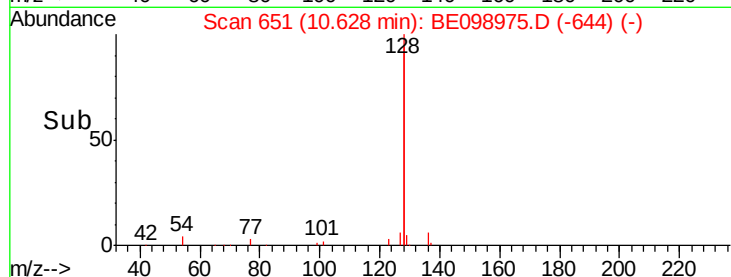
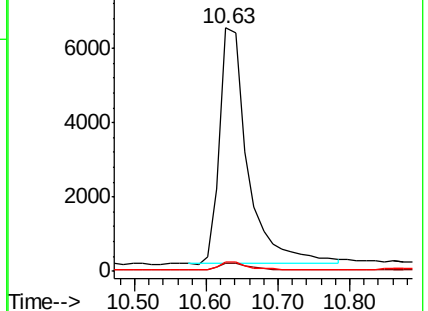
127 4.0 3.1 4.7



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: 0.332 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

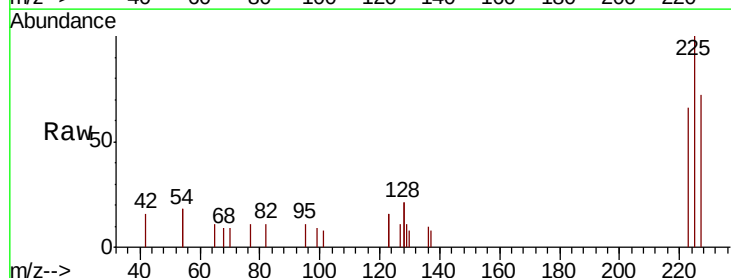
Tgt Ion:225 Resp: 977

Ion Ratio Lower Upper

225 100

223 64.2 51.1 76.7

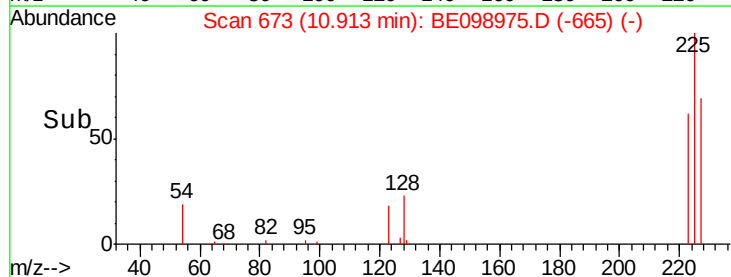
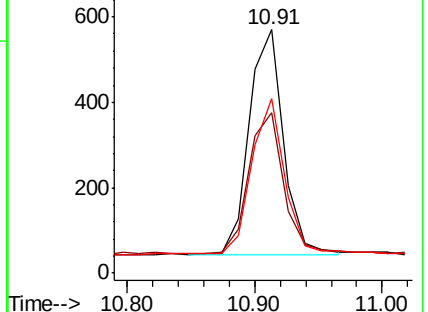
227 65.6 51.6 77.4

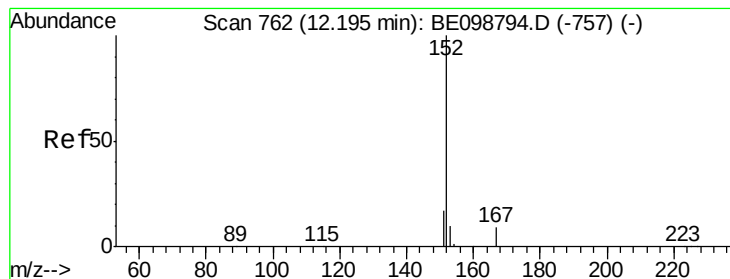


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.495 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

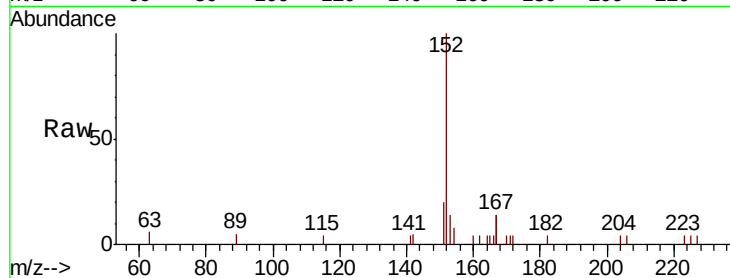
BPS1-TT-MW309D-20190313MSD

Tgt Ion:152 Resp: 3548

Ion Ratio Lower Upper

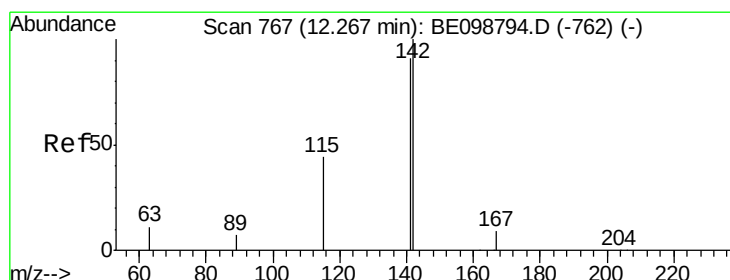
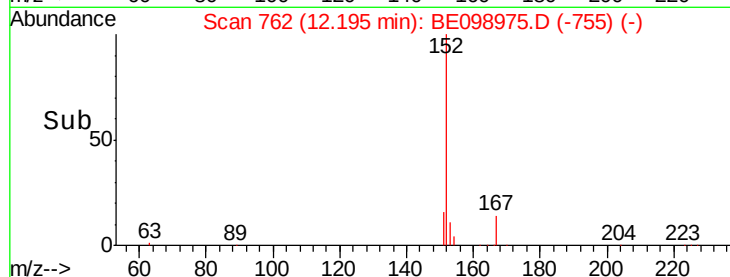
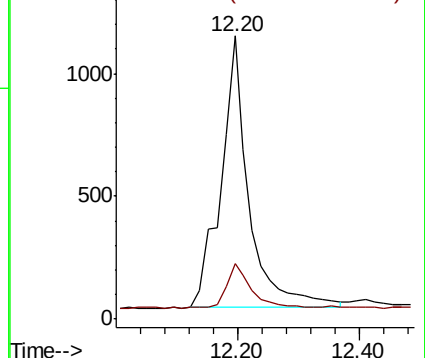
152 100

151 13.9 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

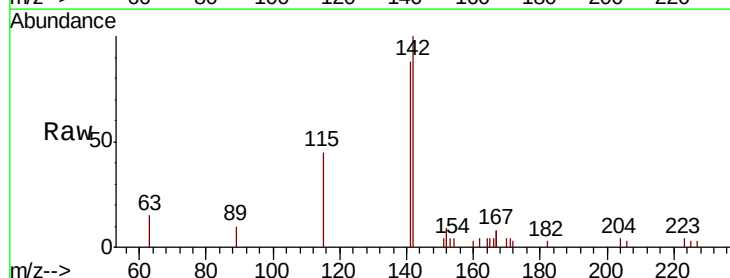
Tgt Ion:142 Resp: 2959

Ion Ratio Lower Upper

142 100

141 88.4 72.6 108.8

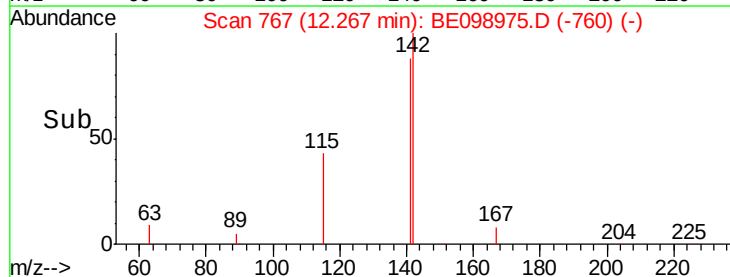
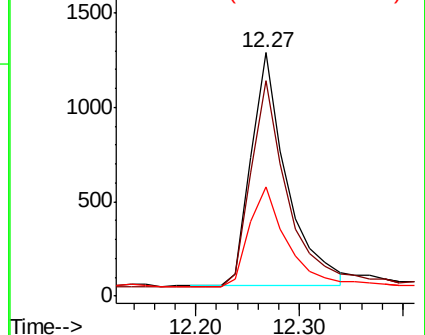
115 44.8 37.4 56.2

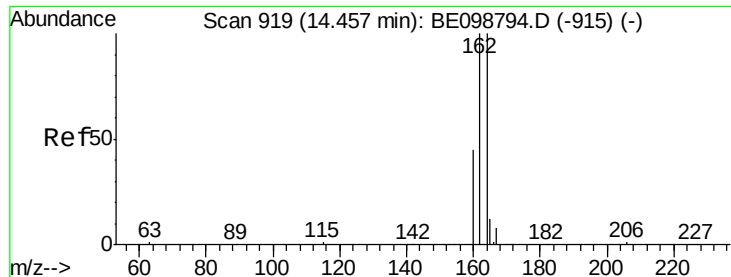


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

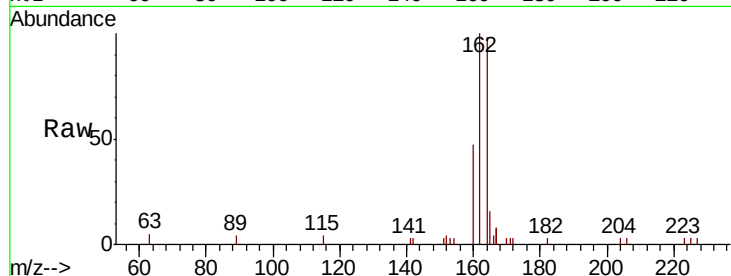




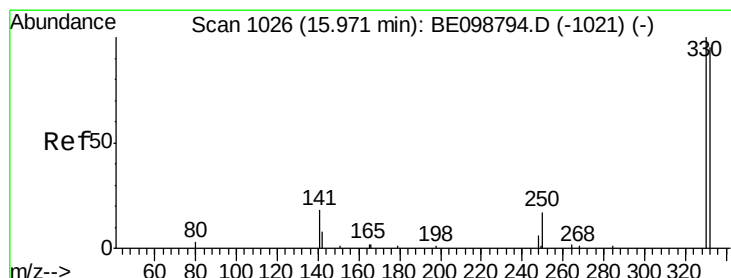
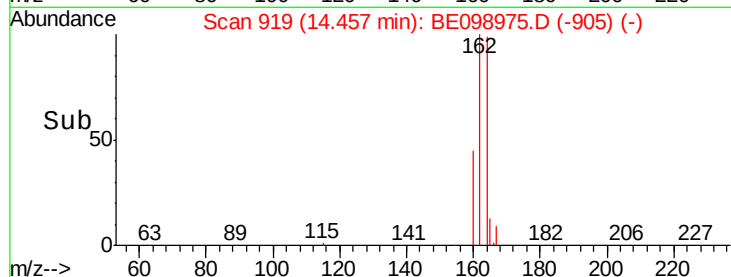
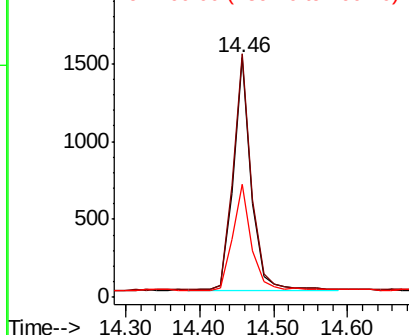
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098975.D
 Acq: 15 Mar 2019 17:22

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Tgt Ion:164 Resp: 2528
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 47.4 37.8 56.8

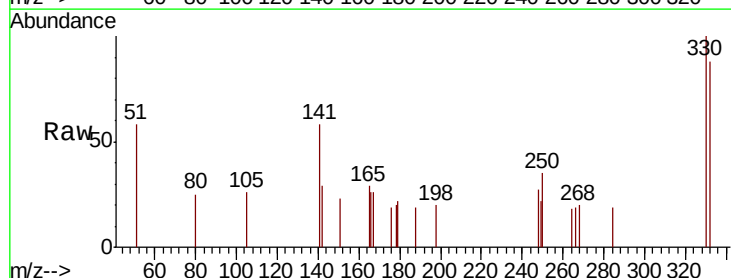


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

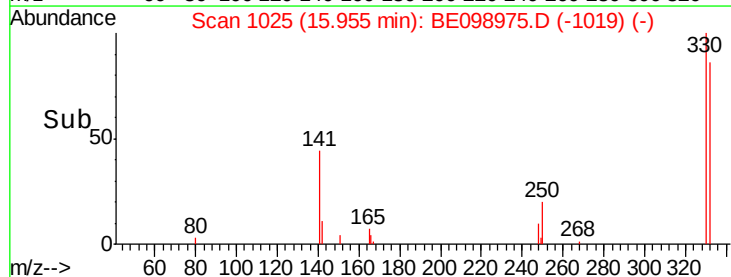
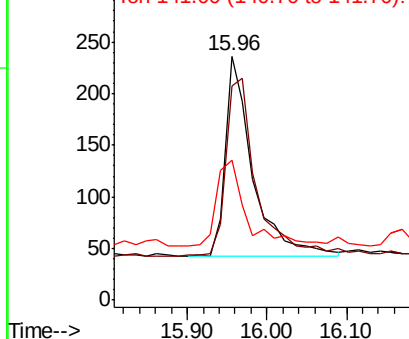


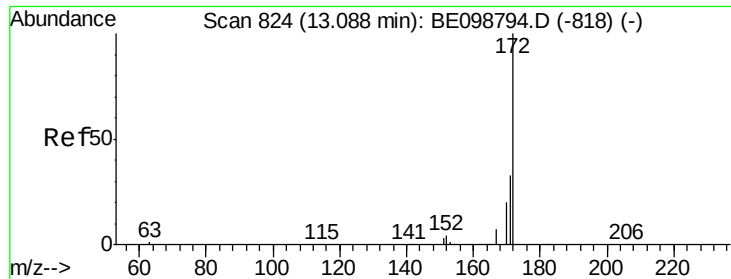
#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BE098975.D
 Acq: 15 Mar 2019 17:22

Tgt Ion:330 Resp: 469
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 46.7 31.0 46.4#



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

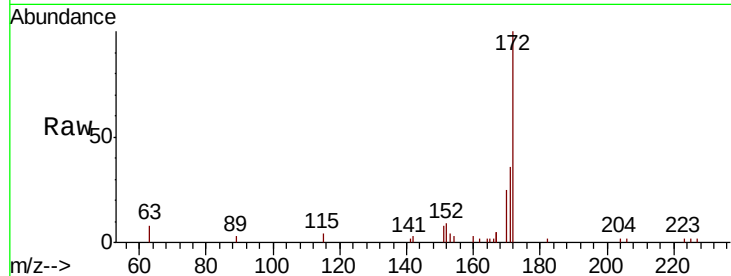




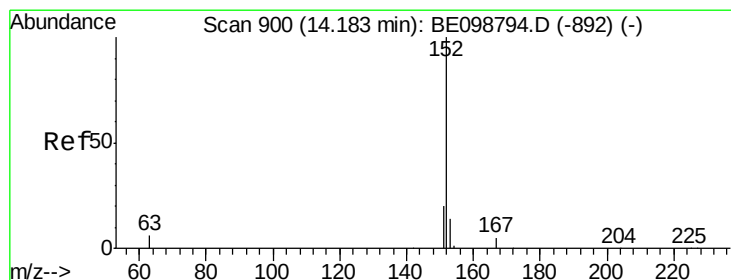
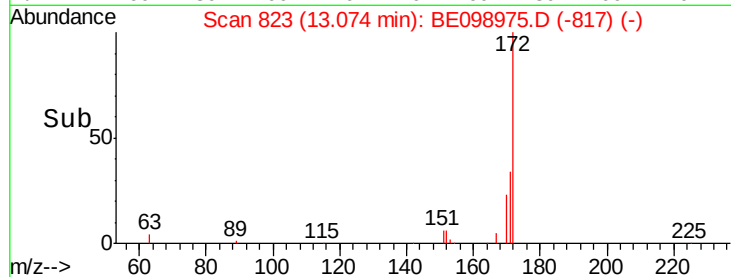
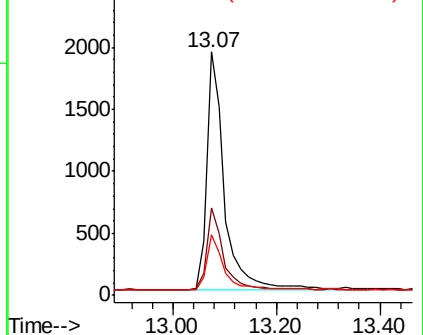
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:172 Resp: 4582
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 25.1 17.7 26.5

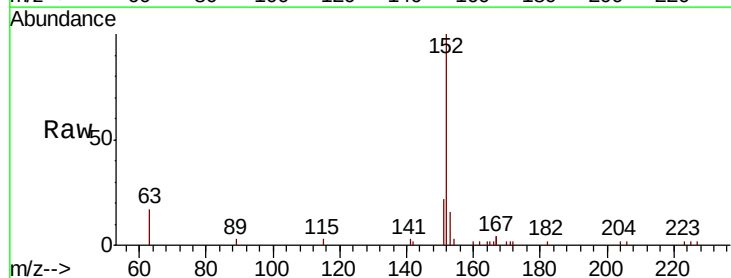


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

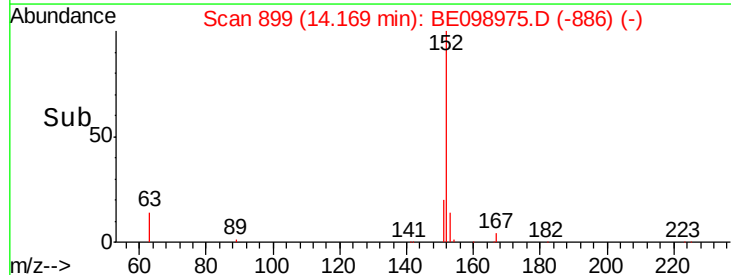
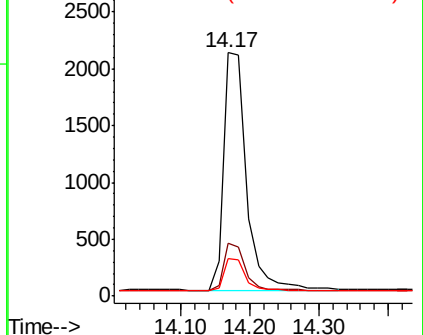


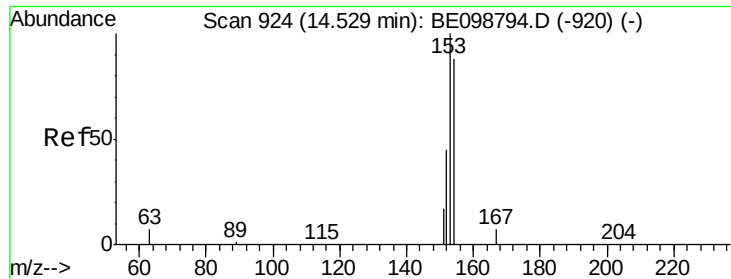
#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:152 Resp: 4853
Ion Ratio Lower Upper
152 100
151 19.2 17.0 25.6
153 12.7 11.2 16.8



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

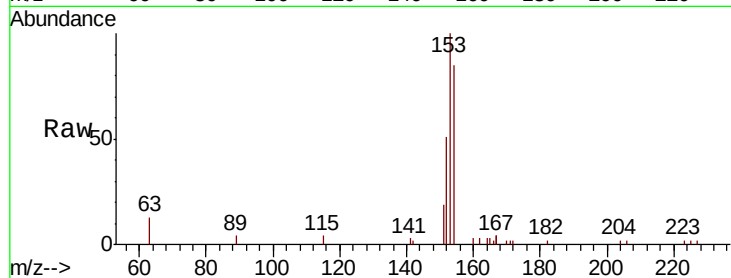




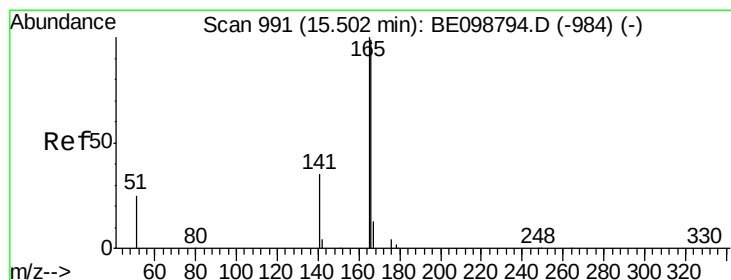
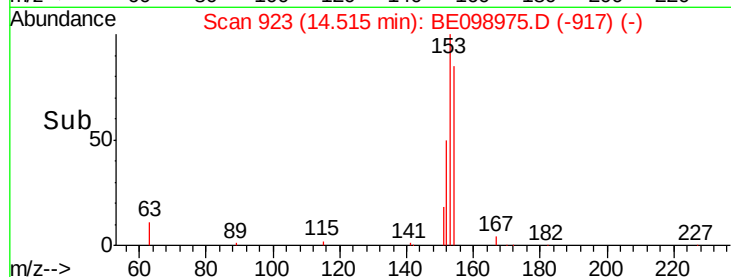
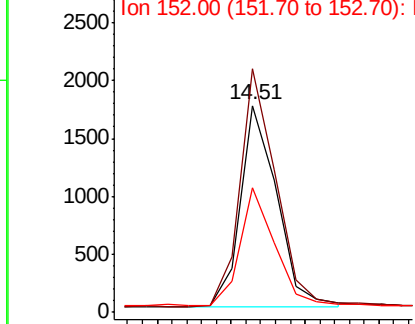
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:154 Resp: 2981
Ion Ratio Lower Upper
154 100
153 115.5 94.2 141.4
152 55.2 45.0 67.4

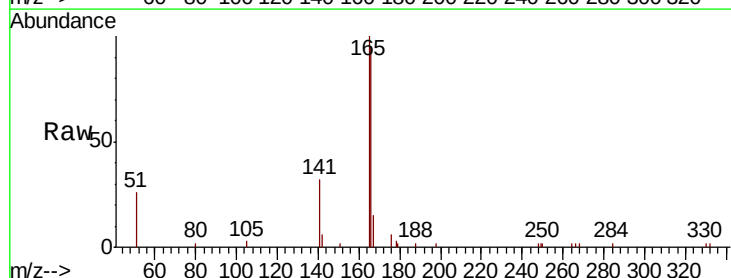


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

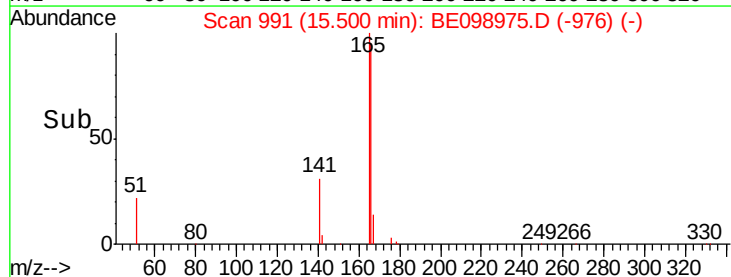
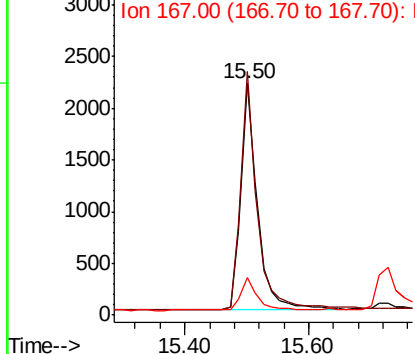


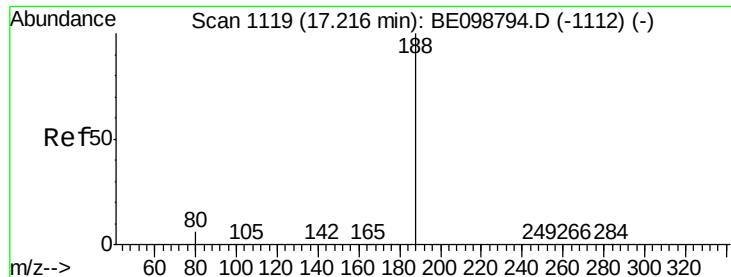
#18
Fluorene
Concen: 0.374 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:166 Resp: 4157
Ion Ratio Lower Upper
166 100
165 102.7 79.3 118.9
167 14.0 10.5 15.7



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

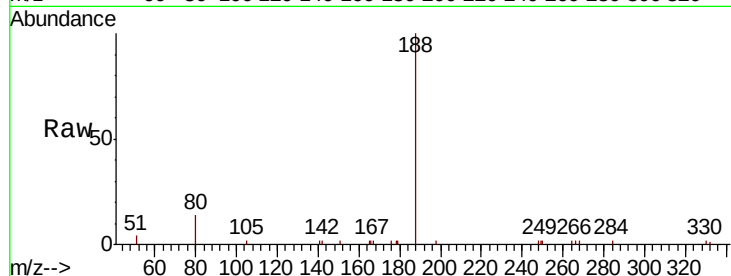




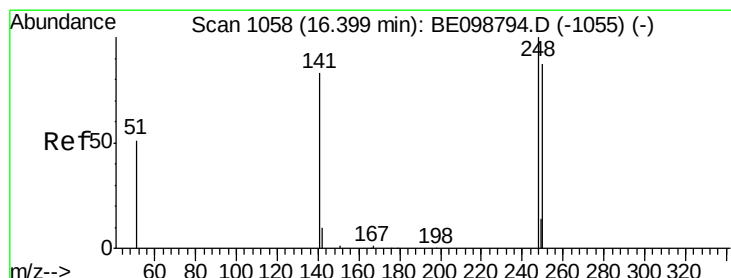
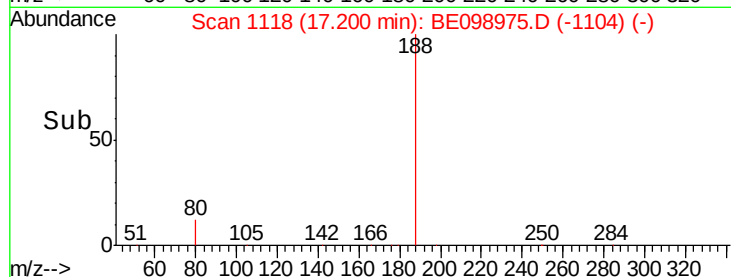
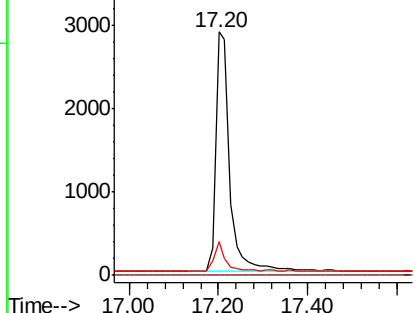
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:188 Resp: 6334
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 6.3 9.5#

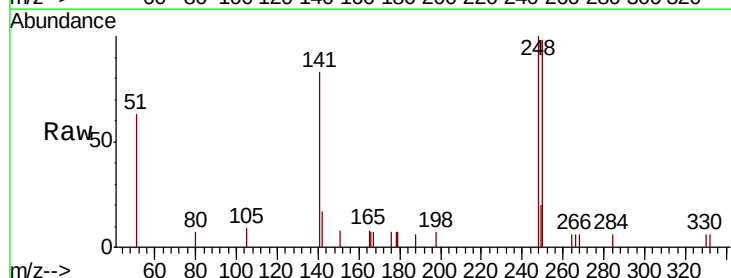


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

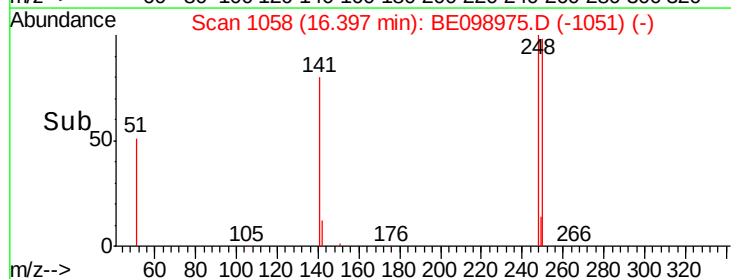
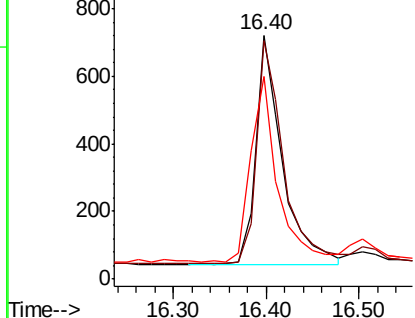


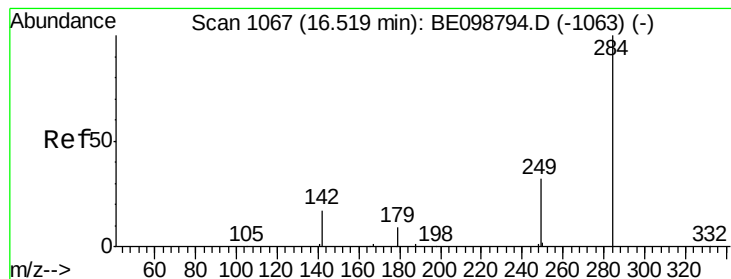
#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:248 Resp: 1336
Ion Ratio Lower Upper
248 100
250 98.1 70.6 105.8
141 82.9 68.6 102.8



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: 0.372 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

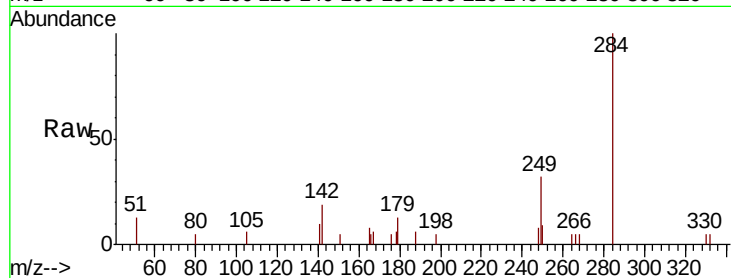
Tgt Ion:284 Resp: 1518

Ion Ratio Lower Upper

284 100

142 35.8 28.7 43.1

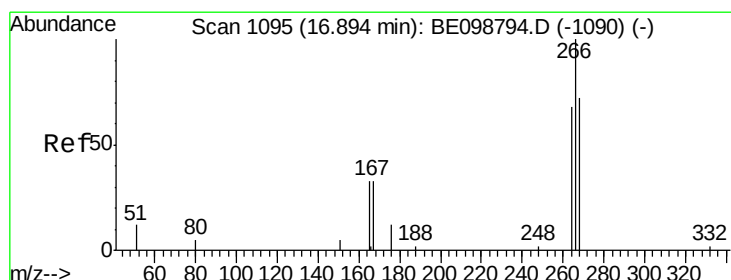
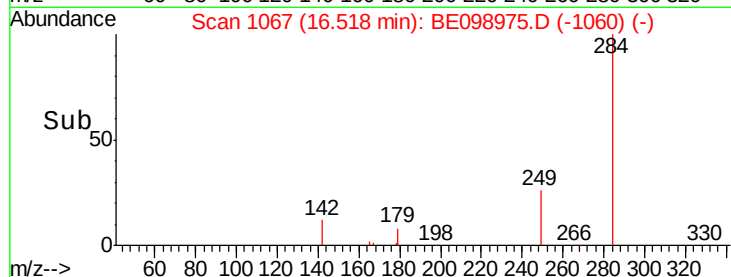
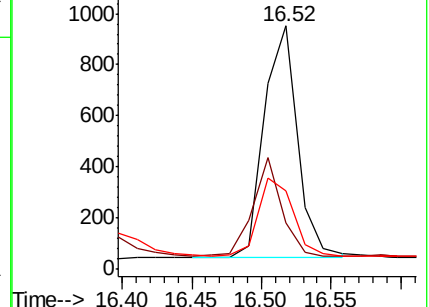
249 35.0 29.6 44.4



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: 0.814 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

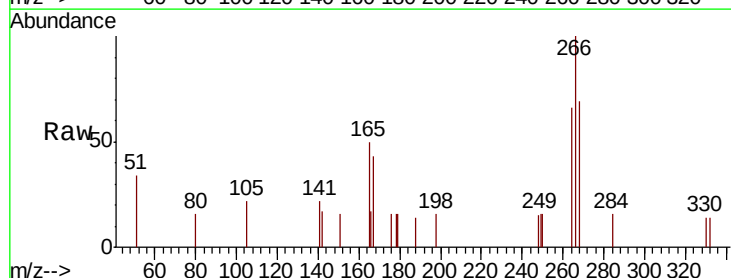
Tgt Ion:266 Resp: 764

Ion Ratio Lower Upper

266 100

264 66.5 66.6 100.0#

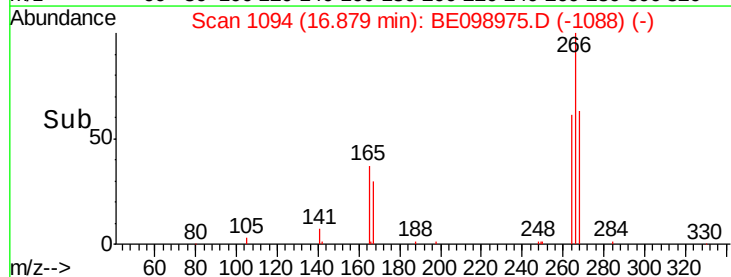
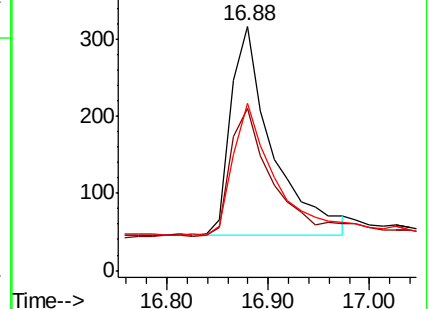
268 68.7 69.8 104.8#

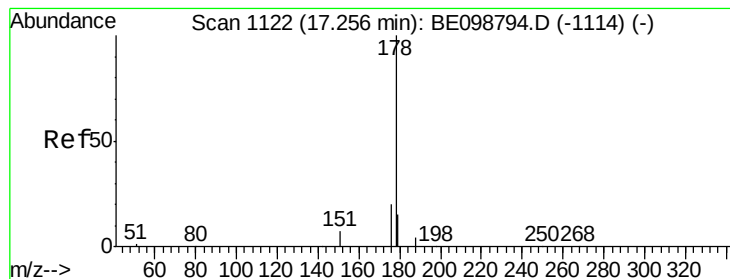


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

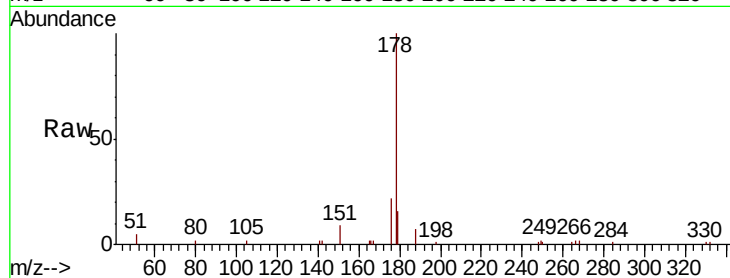
Tgt Ion:178 Resp: 6835

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

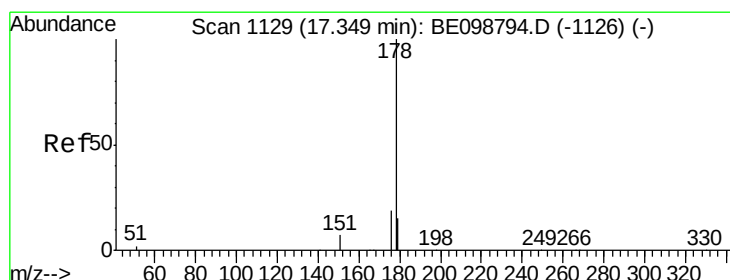
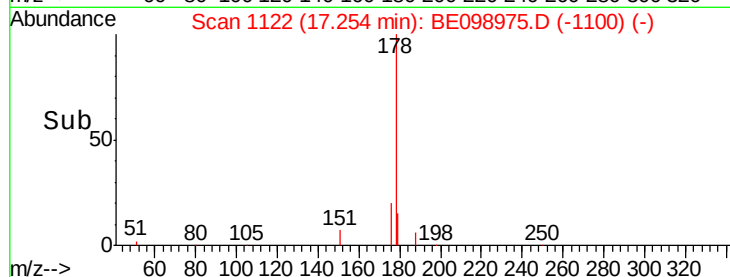
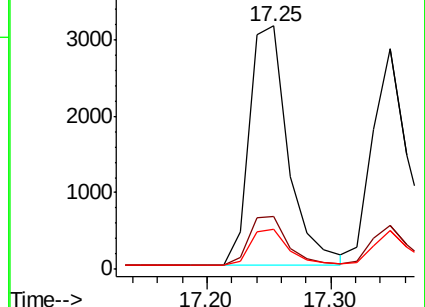
179 15.2 12.1 18.1



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: 0.353 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

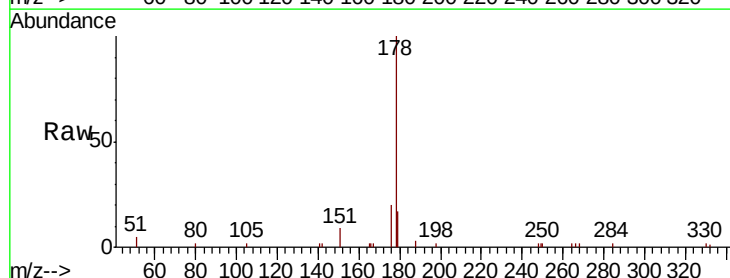
Tgt Ion:178 Resp: 5433

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

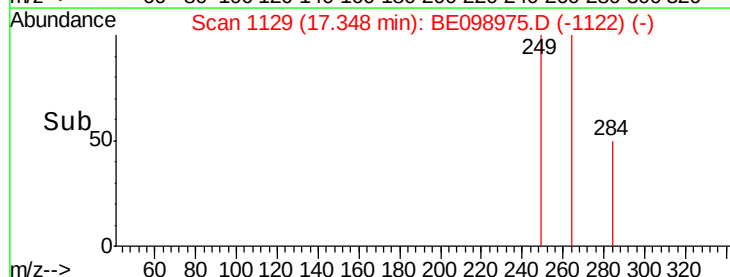
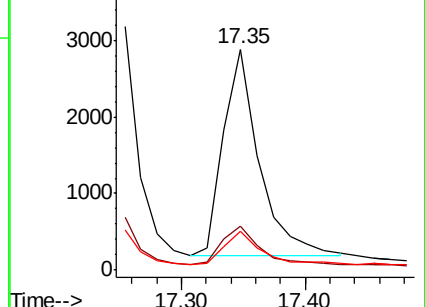
179 15.9 12.2 18.4

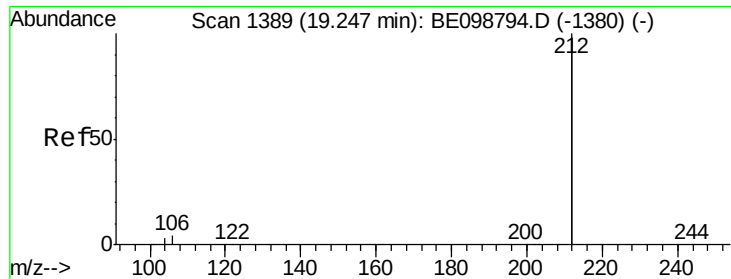


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

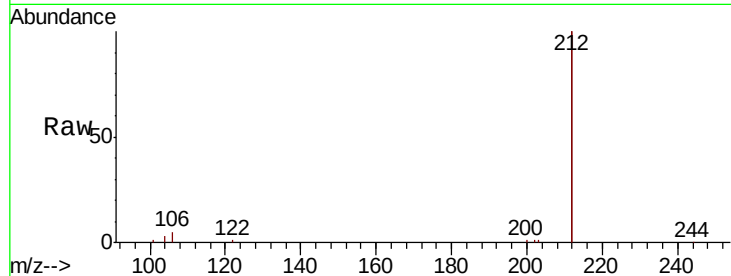
Tgt Ion:212 Resp: 34314

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

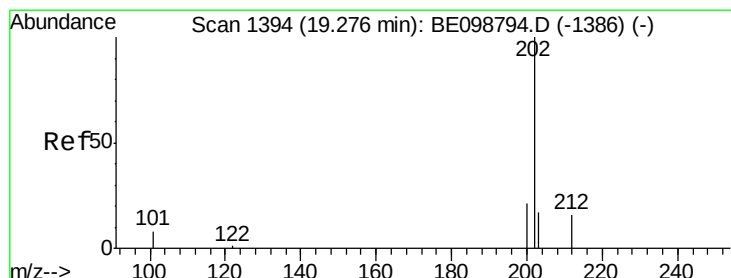
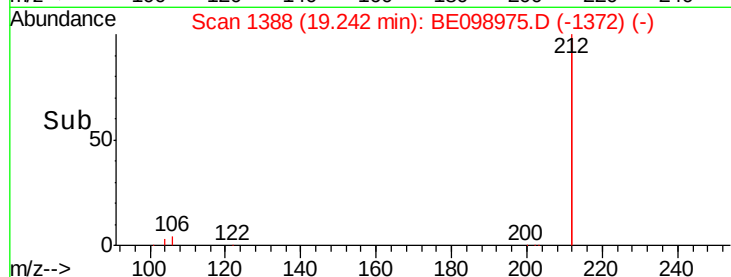
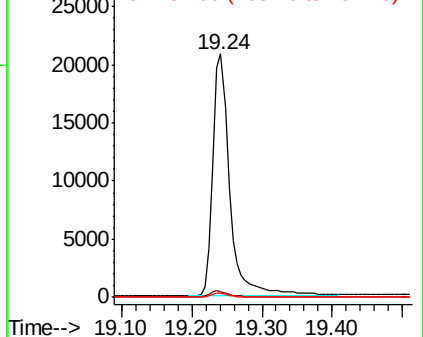
104 1.4 1.0 1.6



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: 0.356 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

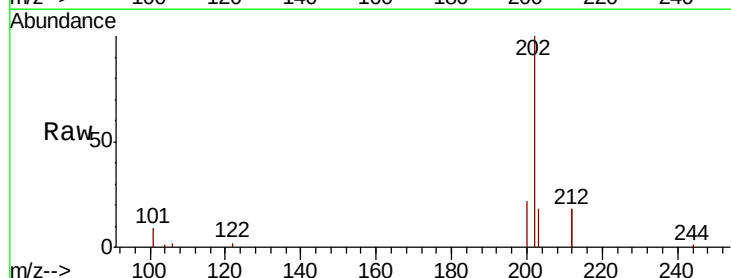
Tgt Ion:202 Resp: 9053

Ion Ratio Lower Upper

202 100

101 8.5 7.3 10.9

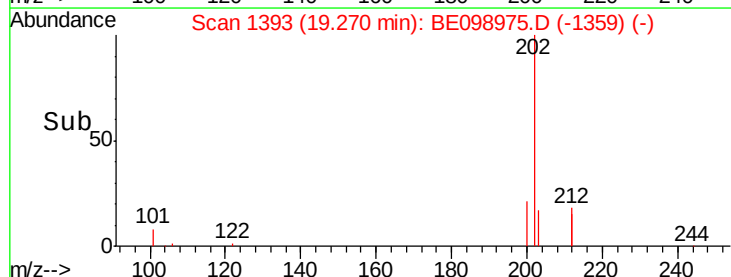
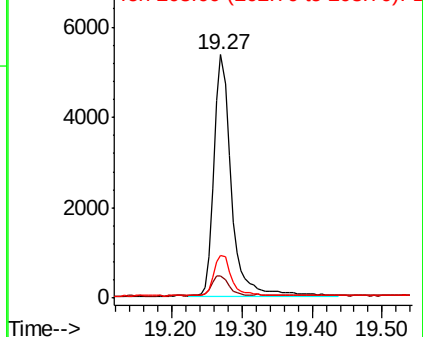
203 17.0 13.4 20.2

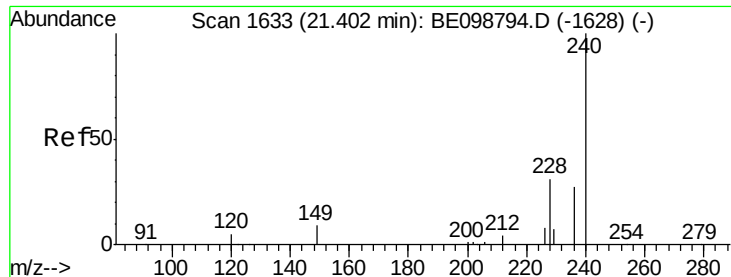


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

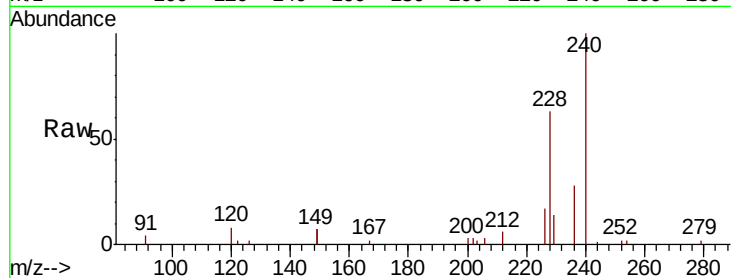
Tgt Ion:240 Resp: 7103

Ion Ratio Lower Upper

240 100

120 8.0 5.0 7.4#

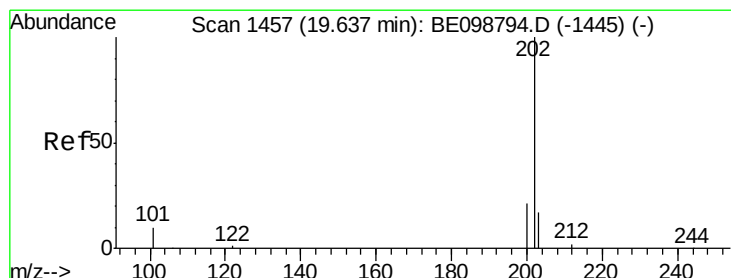
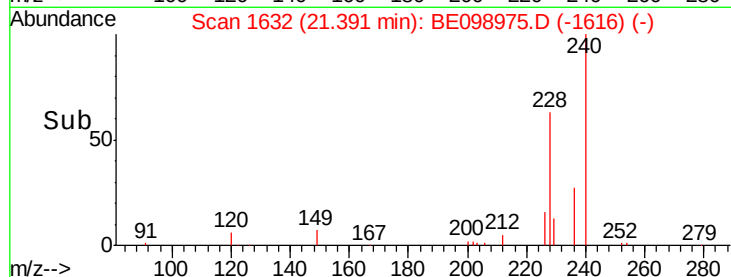
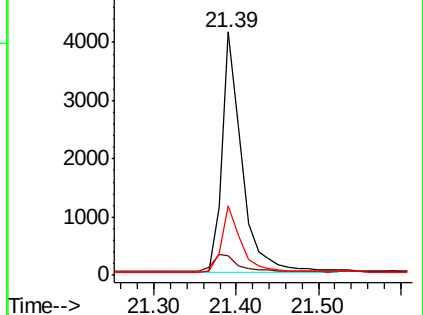
236 28.3 22.7 34.1



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



#28

Pyrene

Concen: 0.433 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

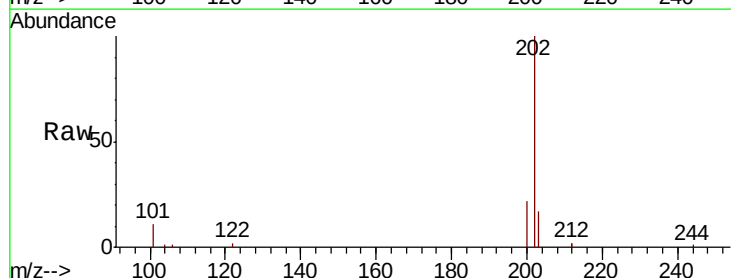
Tgt Ion:202 Resp: 9401

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

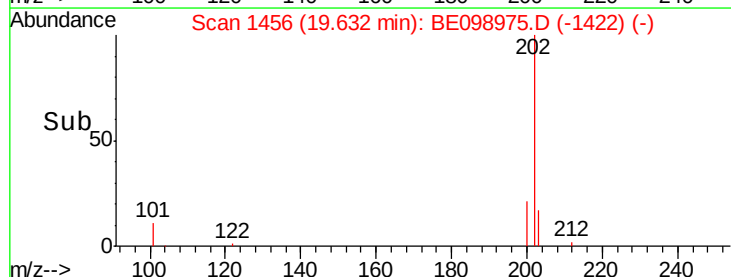
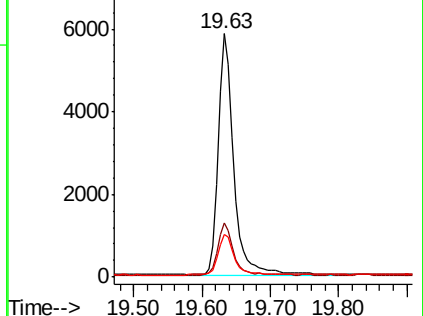
203 17.6 14.2 21.2

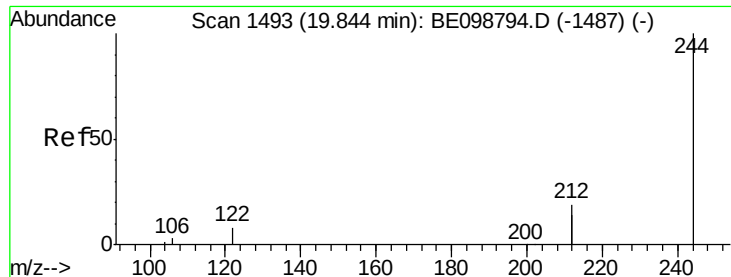


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

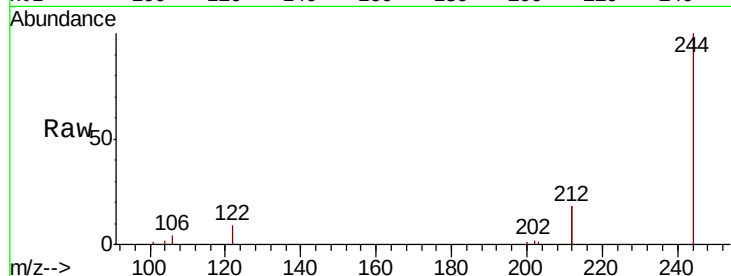
Tgt Ion:244 Resp: 7120

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

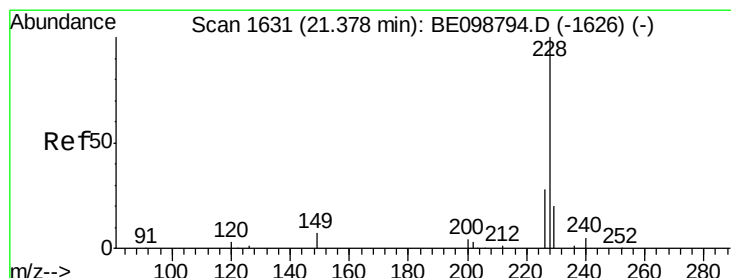
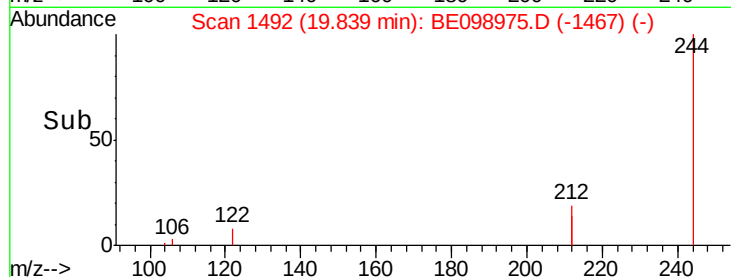
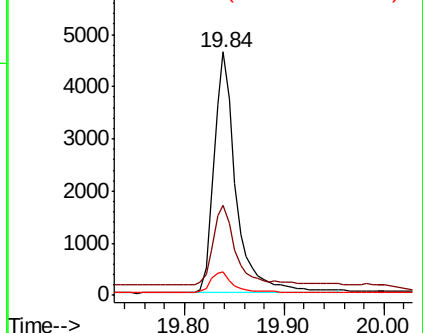
122 9.5 7.1 10.7



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: 0.384 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

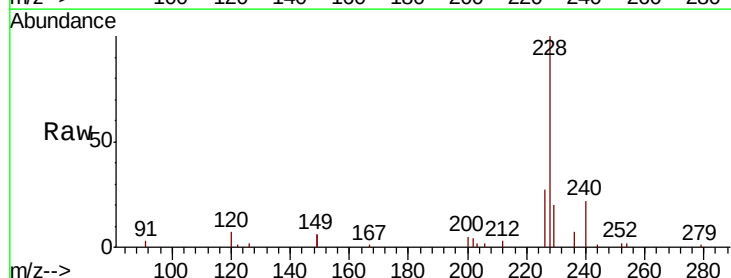
Tgt Ion:228 Resp: 8521

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

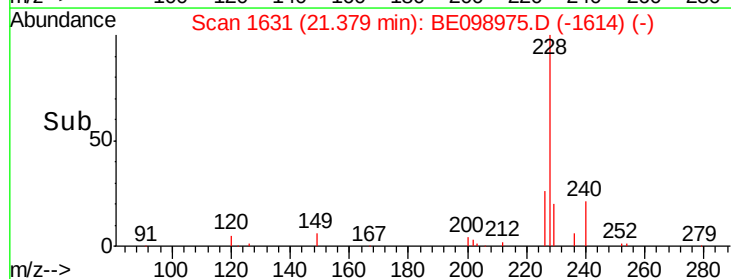
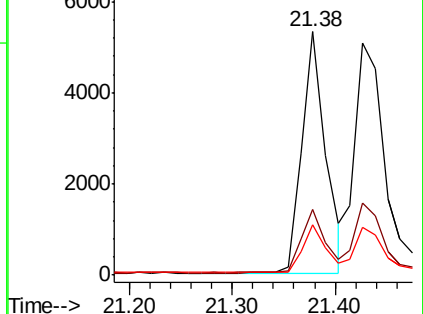
229 20.4 16.5 24.7

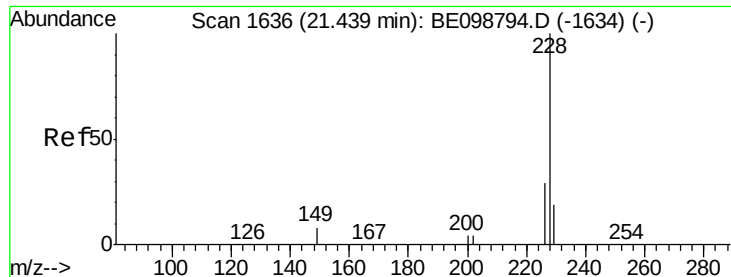


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

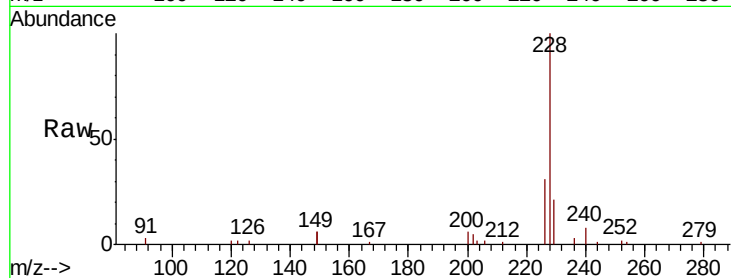
Tgt Ion:228 Resp: 9644

Ion Ratio Lower Upper

228 100

226 31.1 23.7 35.5

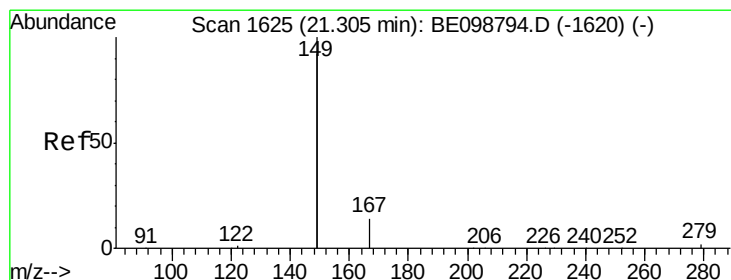
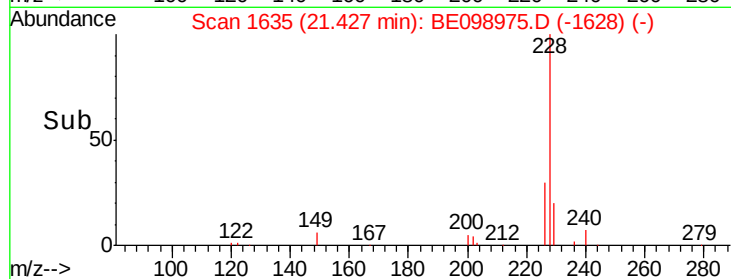
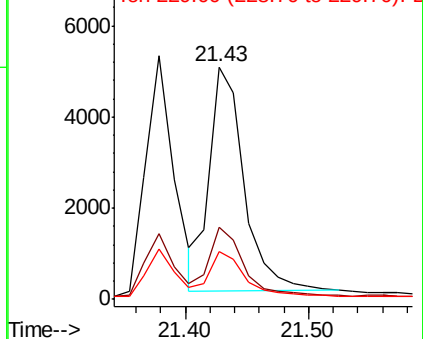
229 20.6 16.1 24.1



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: 0.363 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

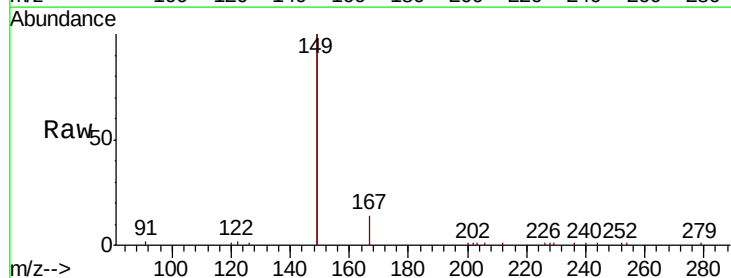
Tgt Ion:149 Resp: 17107

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

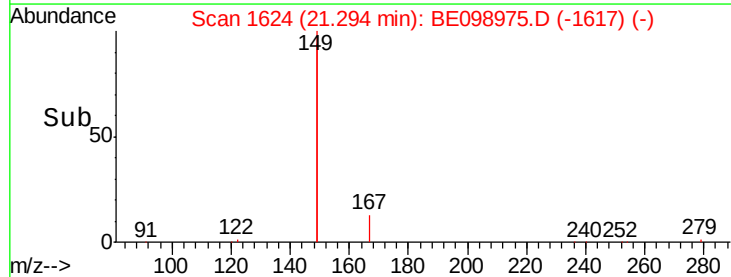
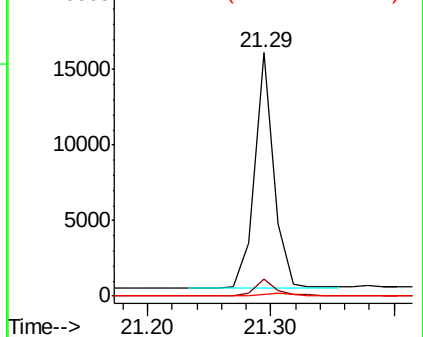
279 1.1 1.0 1.4

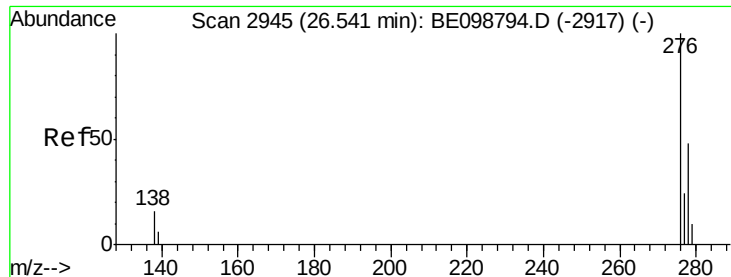


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.321 ng

RT: 26.54 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

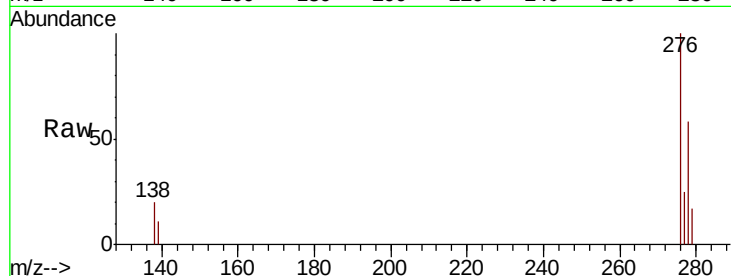
Tgt Ion:276 Resp: 8032

Ion Ratio Lower Upper

276 100

138 17.3 13.8 20.8

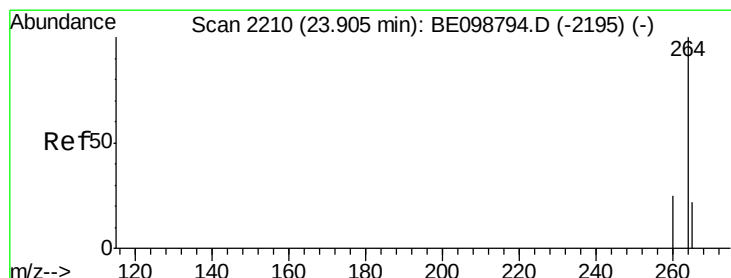
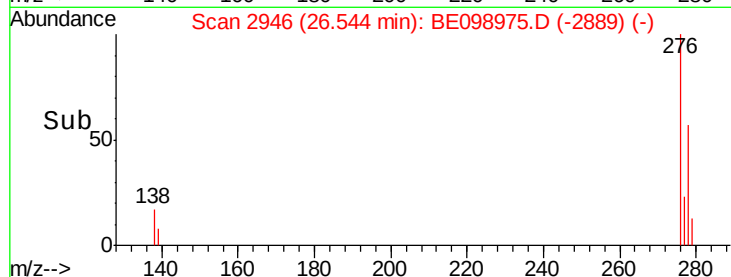
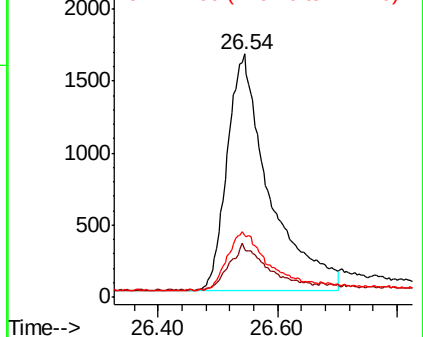
277 23.5 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

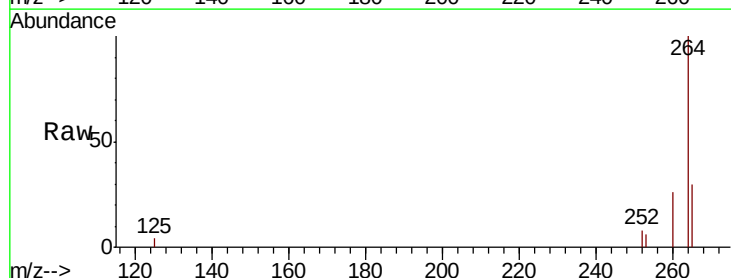
Tgt Ion:264 Resp: 6776

Ion Ratio Lower Upper

264 100

260 26.0 21.2 31.8

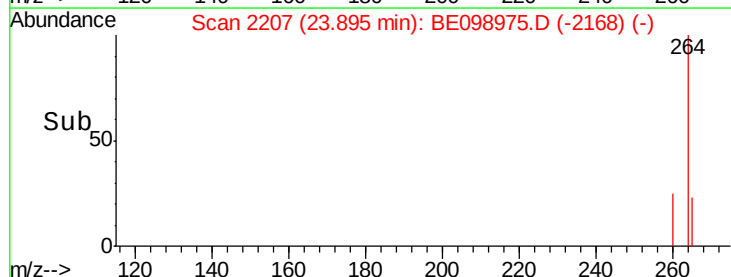
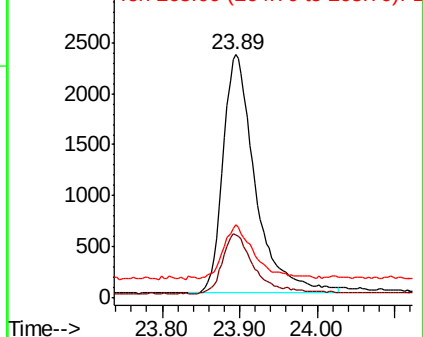
265 30.1 24.6 36.8

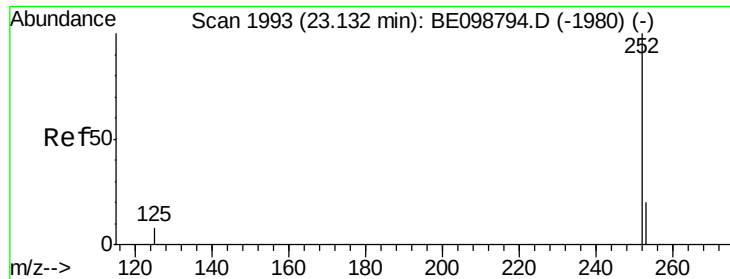


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

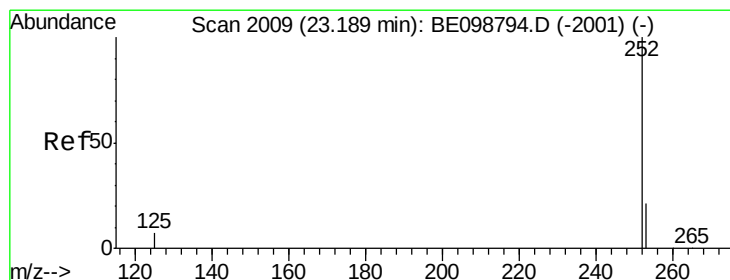
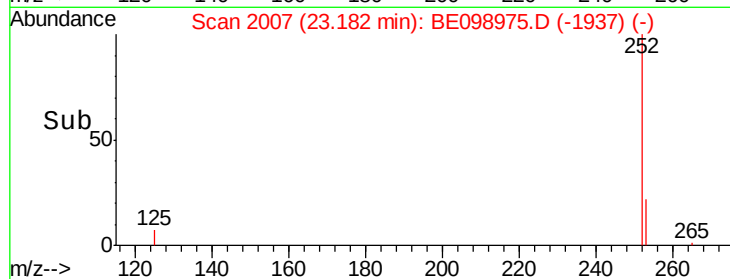
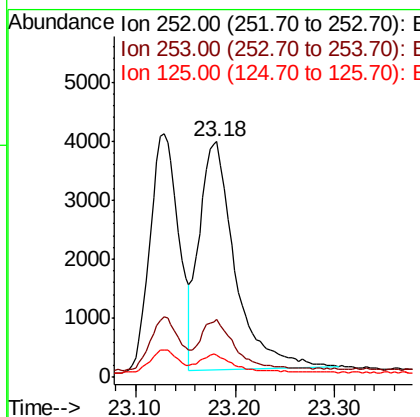
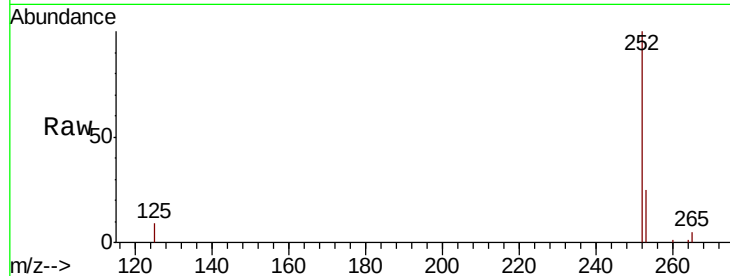




#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

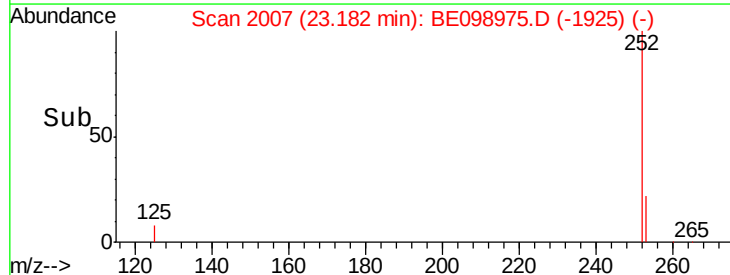
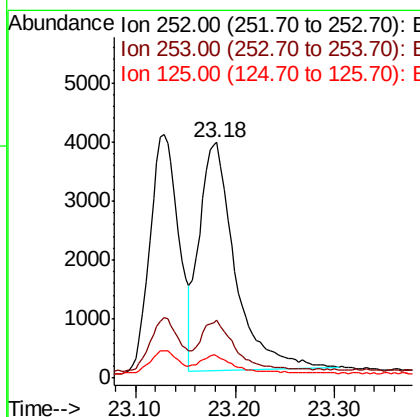
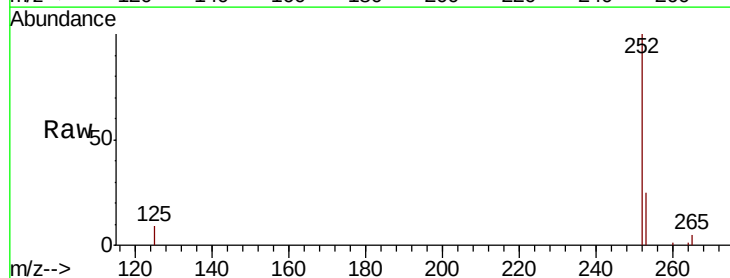
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

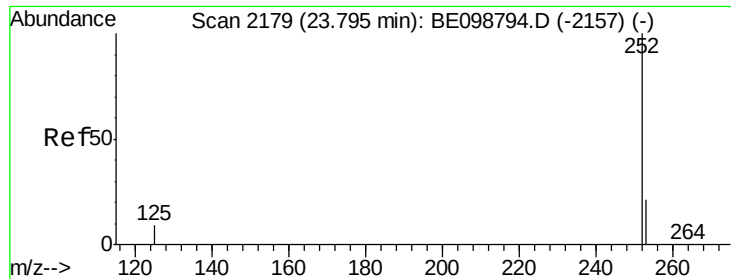
Tgt Ion:252 Resp: 9691
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 9.3 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:252 Resp: 9691
Ion Ratio Lower Upper
252 100
253 24.6 19.3 28.9
125 9.3 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD

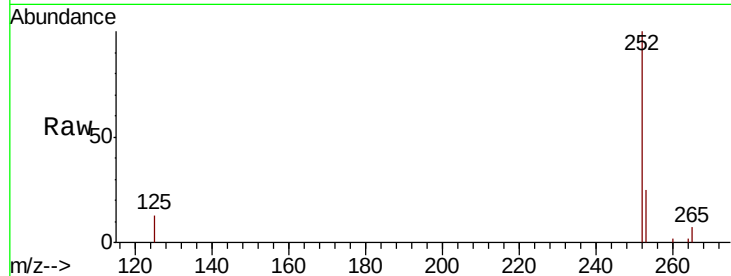
Tgt Ion:252 Resp: 8408

Ion Ratio Lower Upper

252 100

253 25.1 19.9 29.9

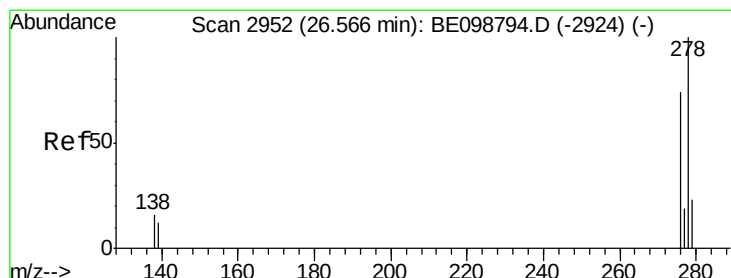
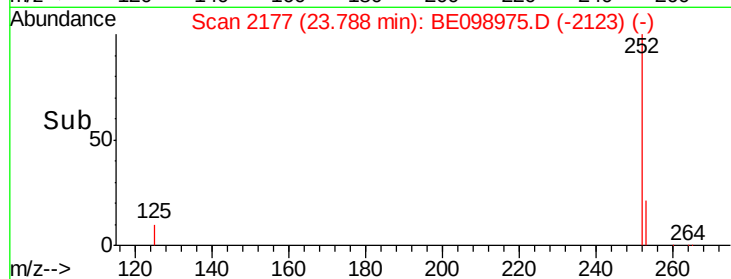
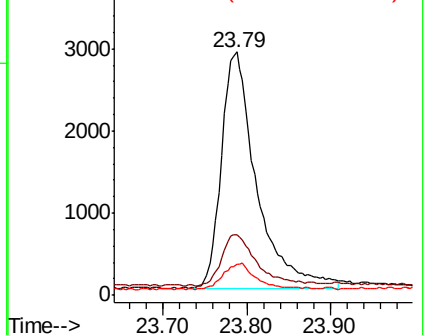
125 12.6 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.310 ng

RT: 26.57 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BE098975.D

Acq: 15 Mar 2019 17:22

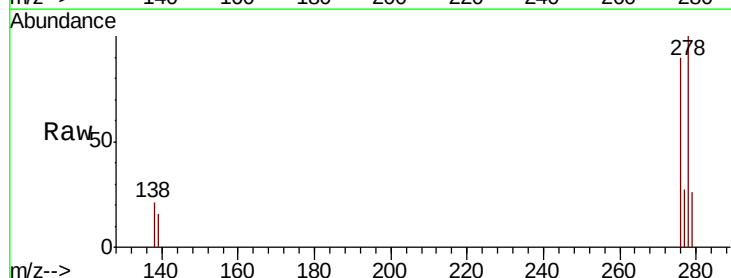
Tgt Ion:278 Resp: 6261

Ion Ratio Lower Upper

278 100

139 16.5 11.8 17.6

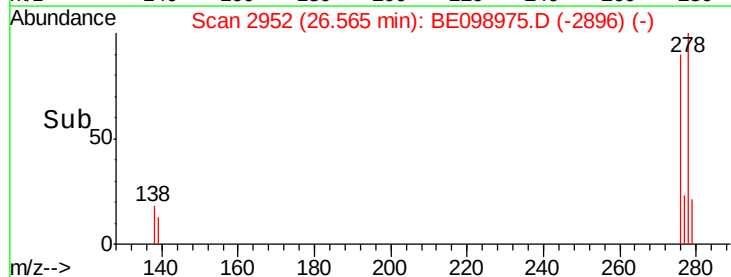
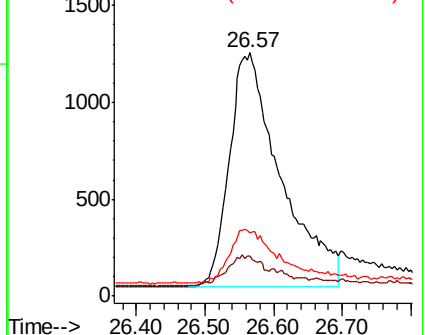
279 26.0 21.1 31.7

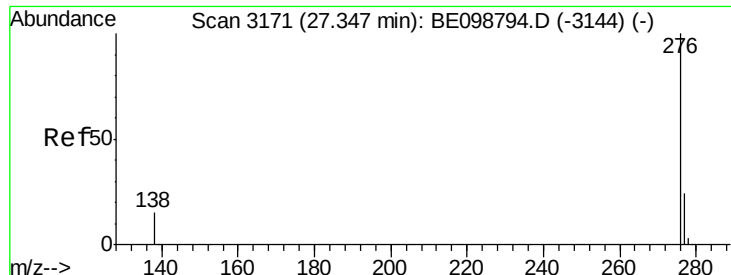


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.333 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE098975.D

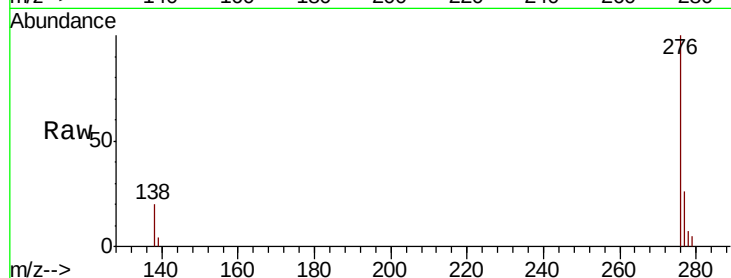
Acq: 15 Mar 2019 17:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MSD



Tgt Ion: 276 Resp: 7033

Ion Ratio Lower Upper

276 100

277 26.3 20.4 30.6

138 19.8 13.6 20.4

