

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098974.D
 Acq On : 15 Mar 2019 16:43
 Operator : JU/SJ
 Sample : K1900-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 16 00:51:20 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	858	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3949	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2516	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6337	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7056	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6724	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	352	0.14	ng	0.02
5) Phenol-d6	7.02	99	344	0.09	ng	0.04
8) Nitrobenzene-d5	8.96	82	1482	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3571	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	467	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4668	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	34132	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7100	0.41	ng	0.00

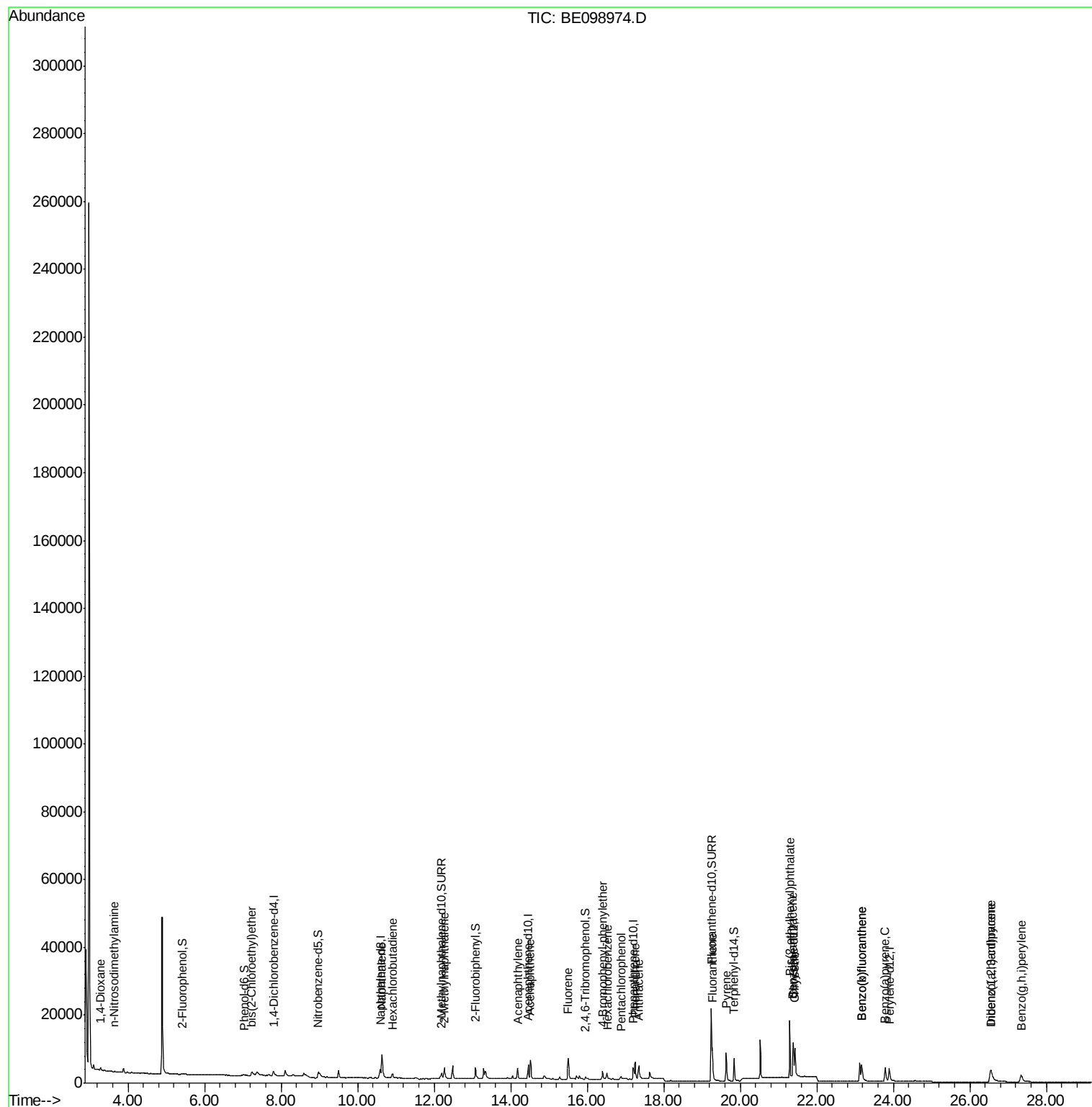
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	517	0.287	ng	# 74
3) n-Nitrosodimethylamine	3.64	42	189	0.088	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	1050	0.375	ng	87
9) Naphthalene	10.63	128	17353	0.384	ng	99
10) Hexachlorobutadiene	10.91	225	1008	0.337	ng	97
12) 2-Methylnaphthalene	12.27	142	2927	0.399	ng	99
16) Acenaphthylene	14.18	152	4784	0.370	ng	98
17) Acenaphthene	14.51	154	2972	0.387	ng	97
18) Fluorene	15.50	166	4198	0.379	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1381	0.402	ng	94
21) Hexachlorobenzene	16.52	284	1579	0.387	ng	95
22) Pentachlorophenol	16.88	266	741	0.797	ng	# 81
23) Phenanthrene	17.26	178	6897	0.383	ng	99
24) Anthracene	17.35	178	5496	0.357	ng	99
26) Fluoranthene	19.27	202	9172	0.361	ng	99
28) Pyrene	19.63	202	9417	0.436	ng	99
30) Benzo(a)anthracene	21.38	228	8273	0.376	ng	99
31) Chrysene	21.43	228	9671	0.410	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17397	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8168	0.328	ng	97
35) Benzo(b)fluoranthene	23.18	252	9530	0.431	ng	97
36) Benzo(k)fluoranthene	23.18	252	9824	0.424	ng	99
37) Benzo(a)pyrene	23.79	252	8454	0.399	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	6161	0.307	ng	98
39) Benzo(g,h,i)perylene	27.34	276	7068	0.337	ng	98

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

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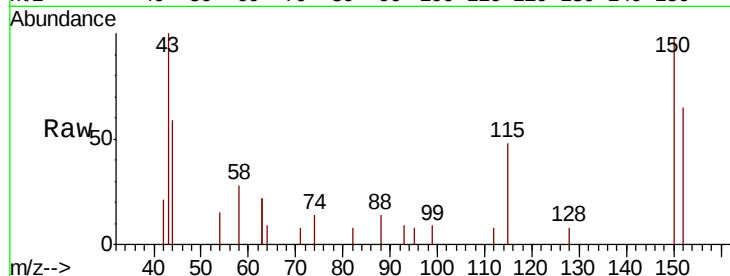


#1

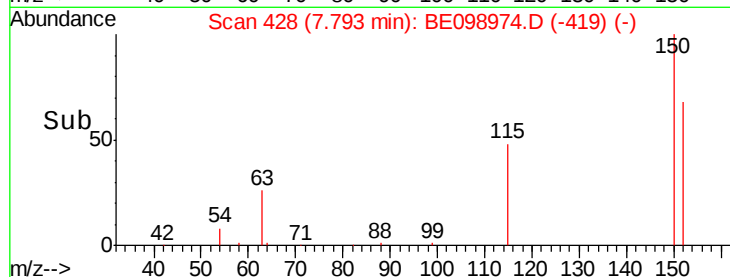
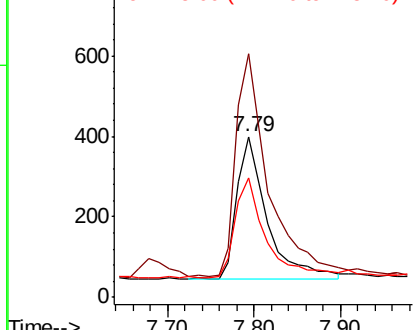
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098794.D
Acq: 15 Mar 2019 16:43

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

Tgt Ion:152 Resp: 858
Ion Ratio Lower Upper
152 100
150 151.3 122.5 183.7
115 74.5 57.4 86.2



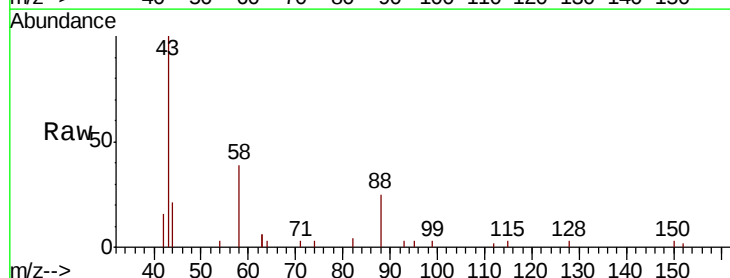
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



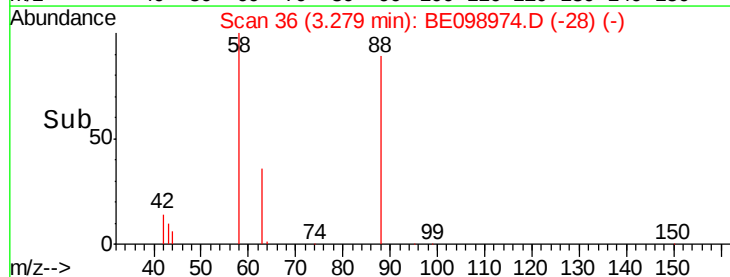
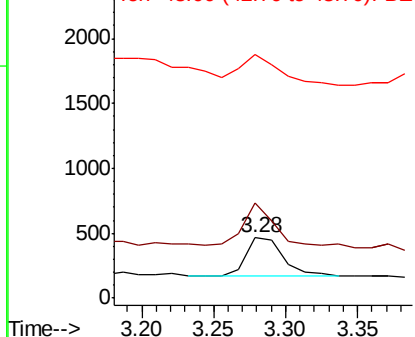
#2

1,4-Dioxane
Concen: 0.287 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098794.D
Acq: 15 Mar 2019 16:43

Tgt Ion: 88 Resp: 517
Ion Ratio Lower Upper
88 100
58 107.7 75.8 113.6
43 87.2 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: 0.088 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

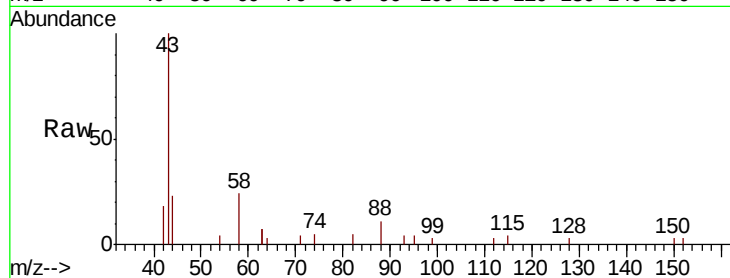
Tgt Ion: 42 Resp: 189

Ion Ratio Lower Upper

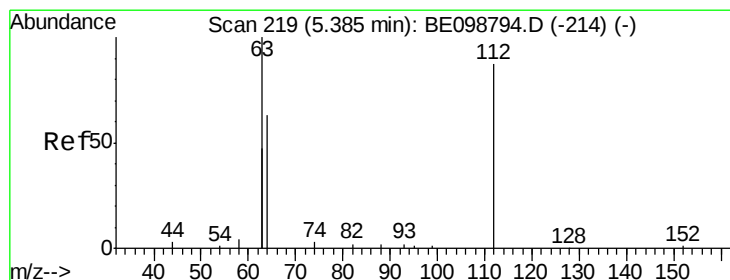
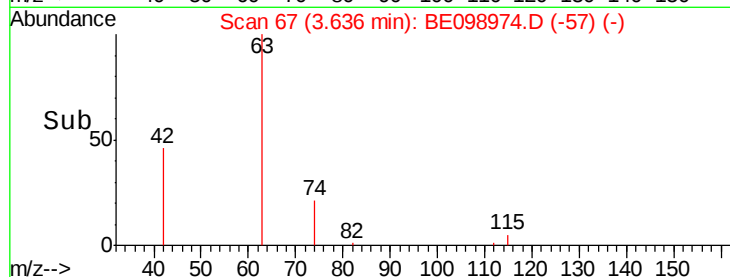
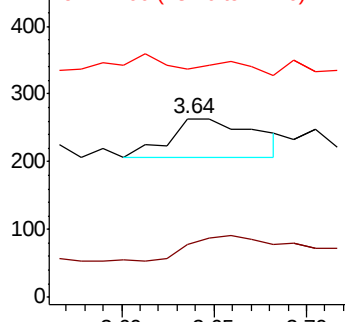
42 100

74 0.0 57.0 85.4#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

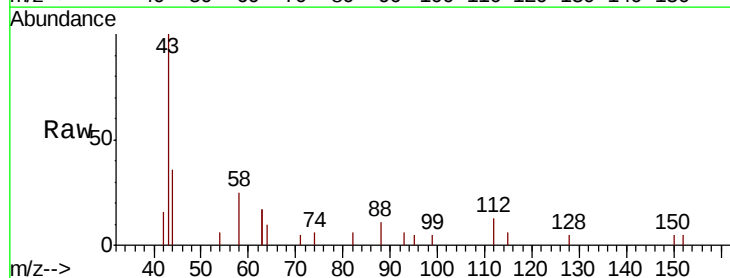
Tgt Ion: 112 Resp: 352

Ion Ratio Lower Upper

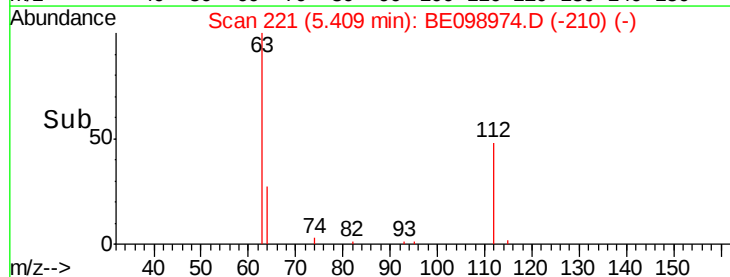
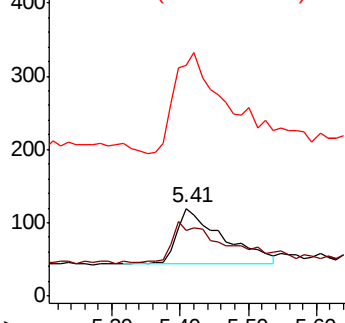
112 100

64 87.2 57.9 86.9#

63 0.0 158.3 237.5#



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: 0.095 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

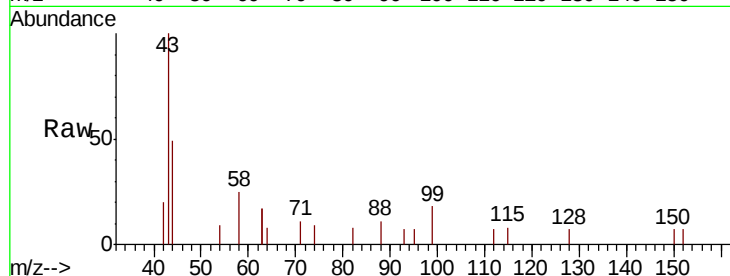
Tgt Ion: 99 Resp: 344

Ion Ratio Lower Upper

99 100

42 50.0 24.2 36.2#

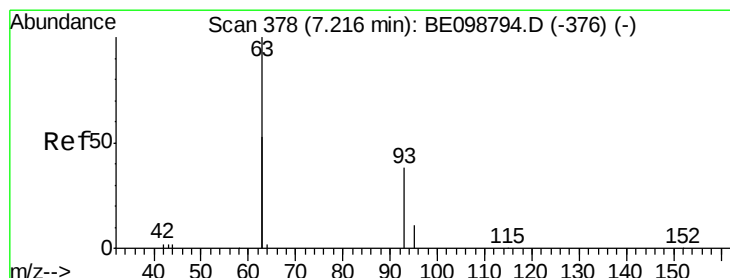
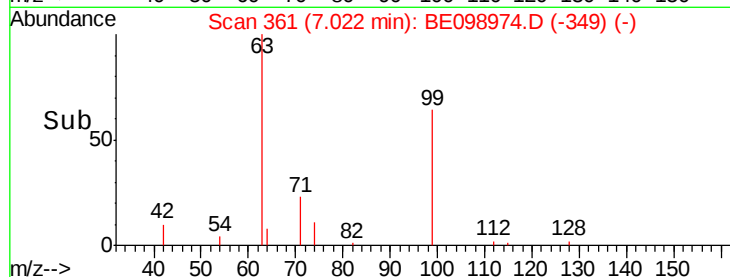
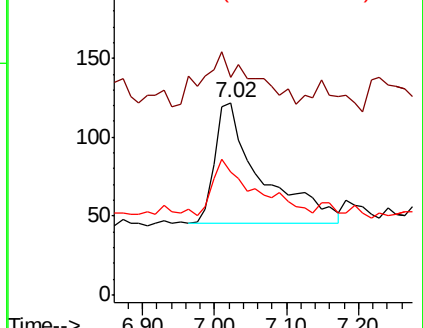
71 42.7 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

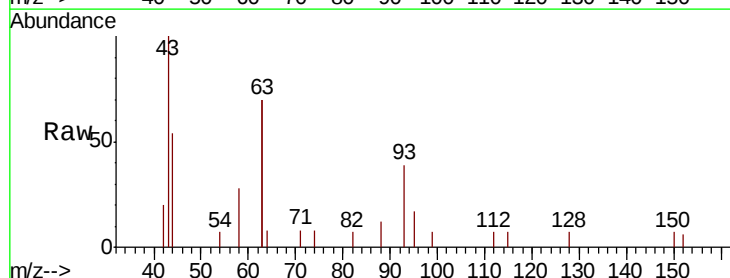
Tgt Ion: 93 Resp: 1050

Ion Ratio Lower Upper

93 100

63 282.3 247.5 371.3

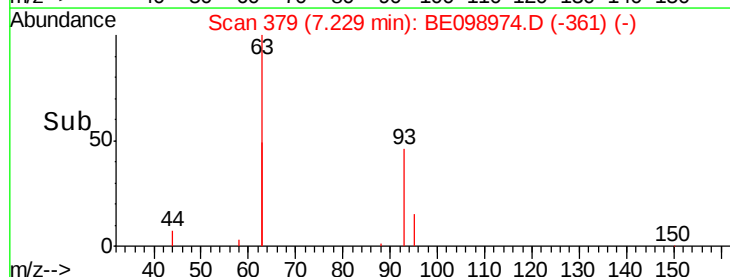
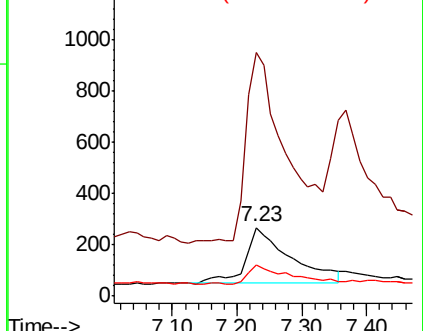
95 32.2 21.8 32.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

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Tgt Ion: 136 Resp: 3949

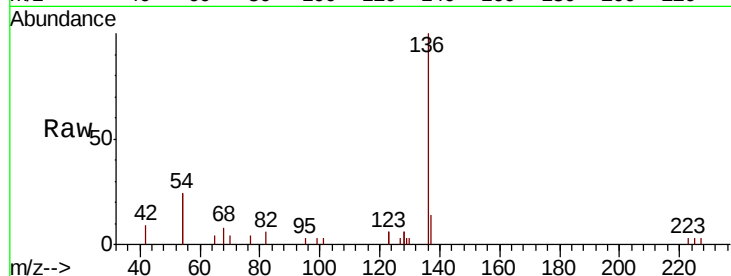
Ion Ratio Lower Upper

136 100

137 13.6 11.4 17.0

54 47.5 39.3 58.9

68 7.7 6.7 10.1

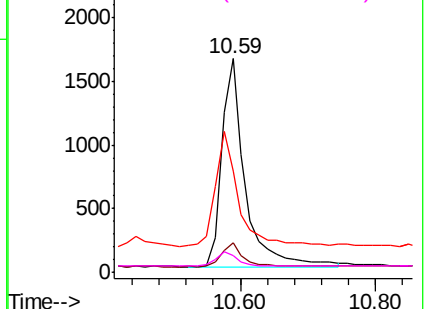
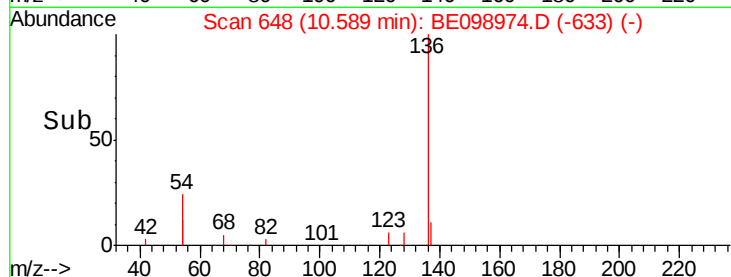


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

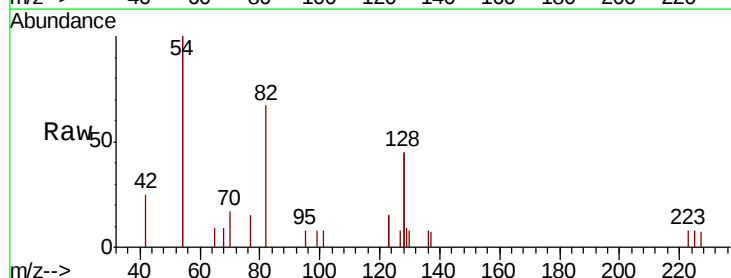
Tgt Ion: 82 Resp: 1482

Ion Ratio Lower Upper

82 100

128 132.2 123.8 185.8

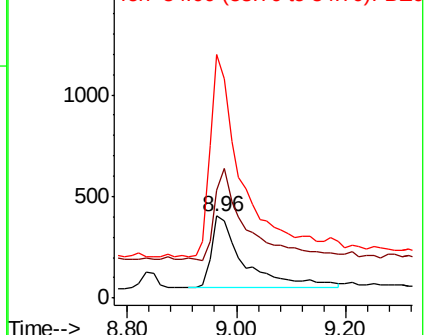
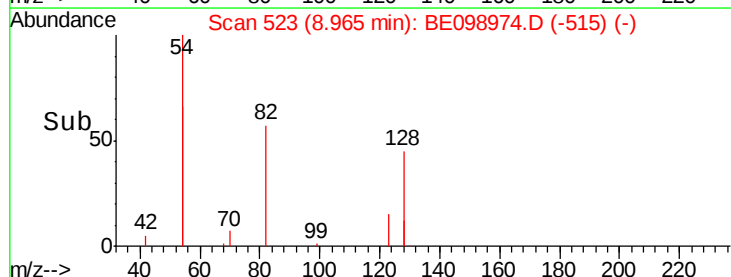
54 296.5 203.4 305.2



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: 0.384 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

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ClientSampleId :

BPS1-TT-MW309D-20190313MS

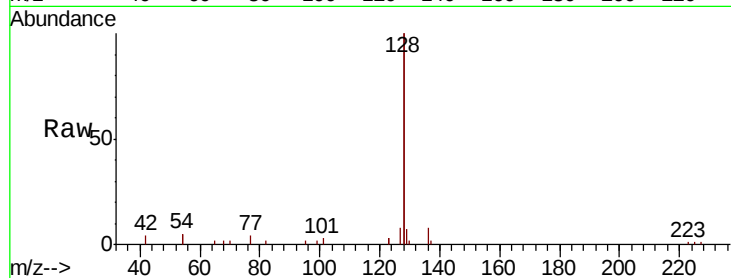
Tgt Ion:128 Resp: 17353

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

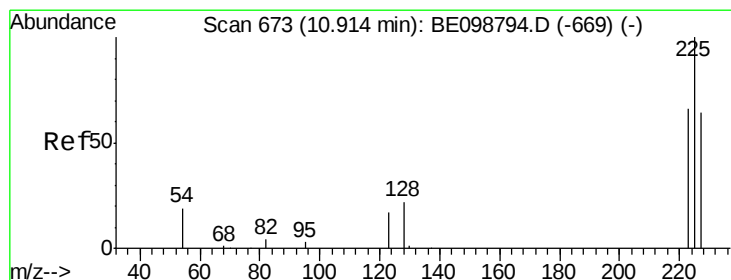
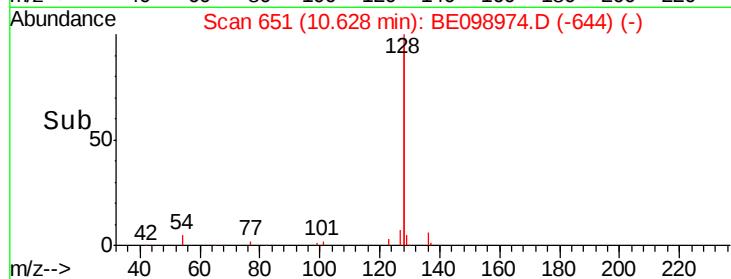
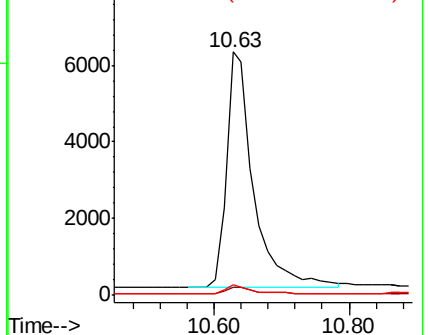
127 4.2 3.1 4.7



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: 0.337 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

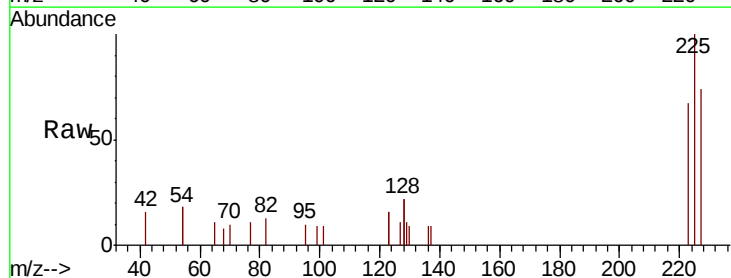
Tgt Ion:225 Resp: 1008

Ion Ratio Lower Upper

225 100

223 63.8 51.1 76.7

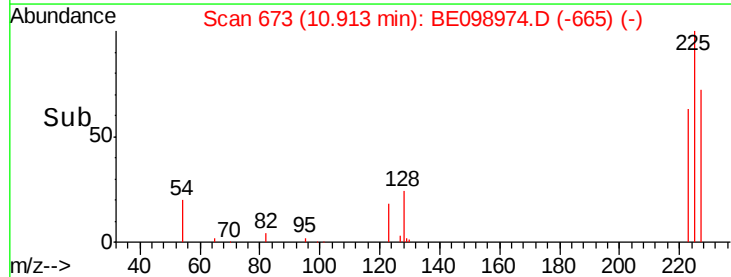
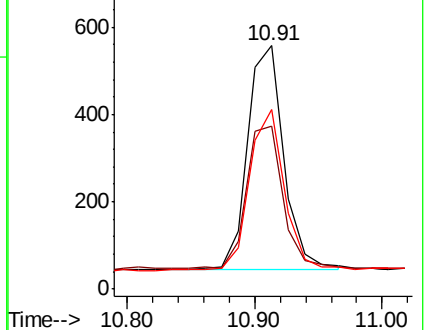
227 68.8 51.6 77.4



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: 0.489 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

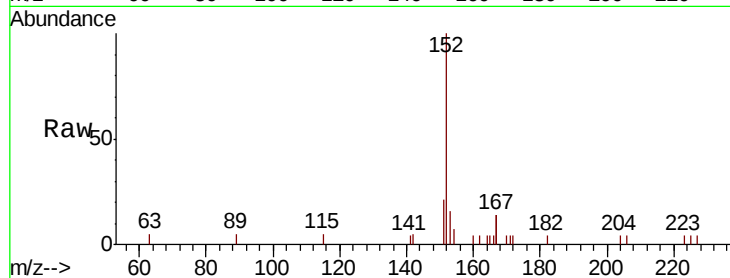
BPS1-TT-MW309D-20190313MS

Tgt Ion:152 Resp: 3571

Ion Ratio Lower Upper

152 100

151 15.0 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

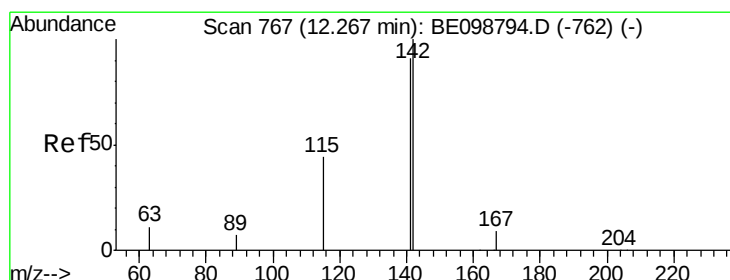
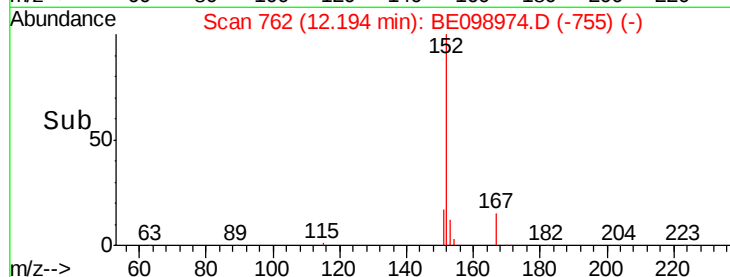
12.19

1000

500

0

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

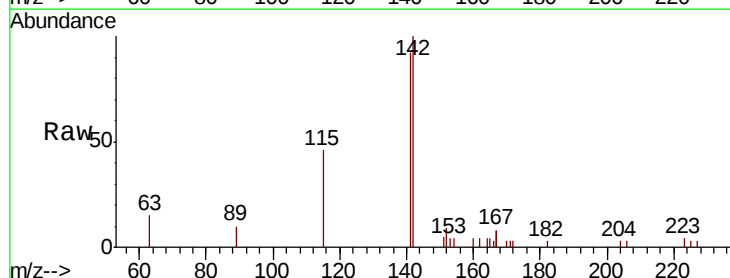
Tgt Ion:142 Resp: 2927

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8

115 46.0 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

12.27

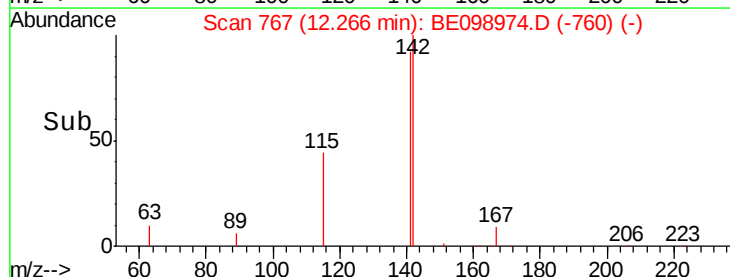
1500

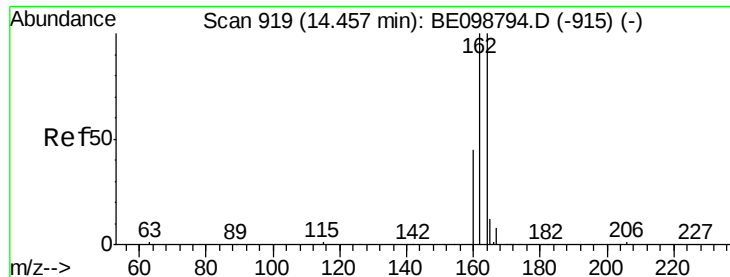
1000

500

0

Time--> 12.20 12.30

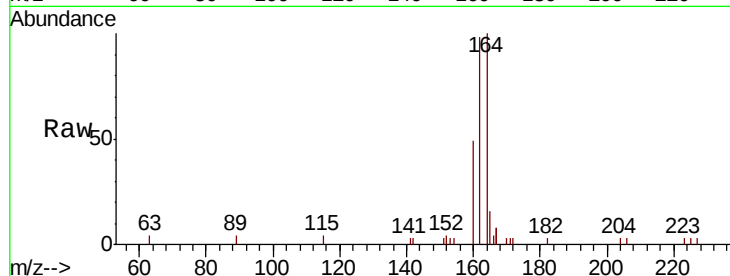




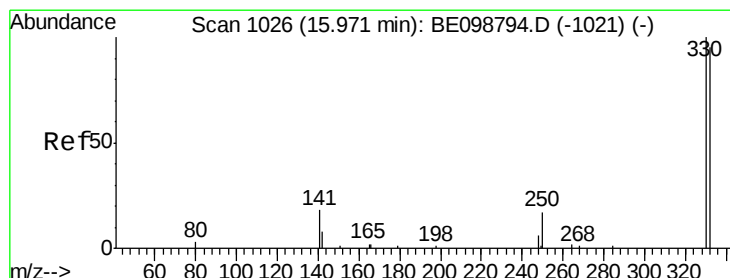
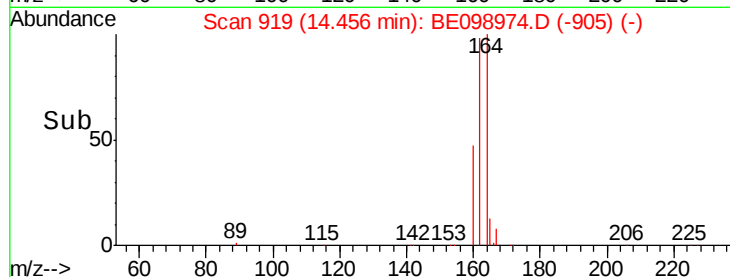
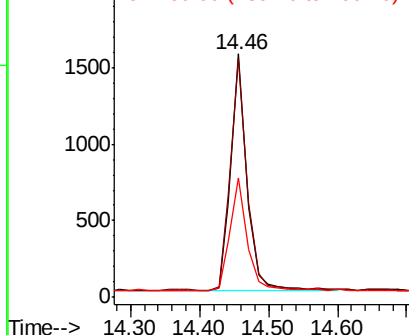
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098974.D
Acq: 15 Mar 2019 16:43

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

Tgt Ion:164 Resp: 2516
Ion Ratio Lower Upper
164 100
162 97.8 80.2 120.2
160 48.9 37.8 56.8

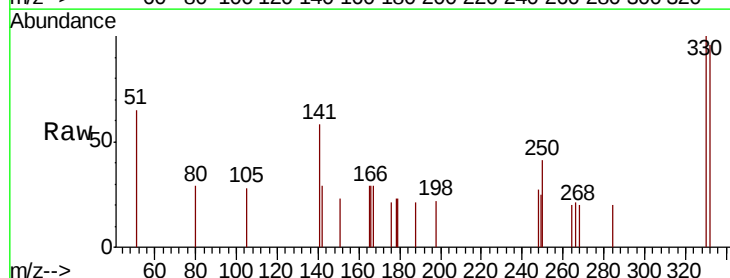


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

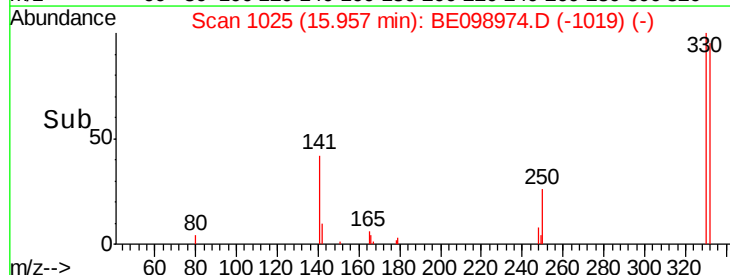
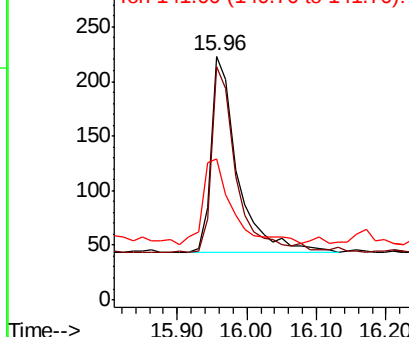


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098974.D
Acq: 15 Mar 2019 16:43

Tgt Ion:330 Resp: 467
Ion Ratio Lower Upper
330 100
332 91.6 77.6 116.4
141 49.5 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

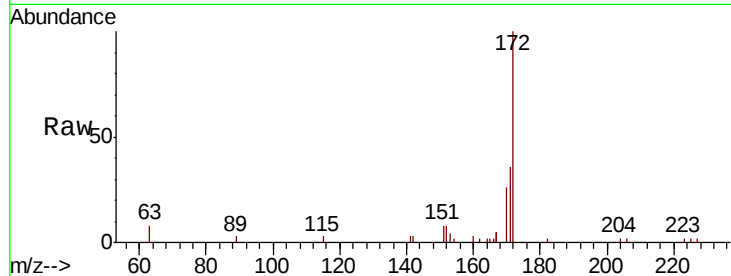




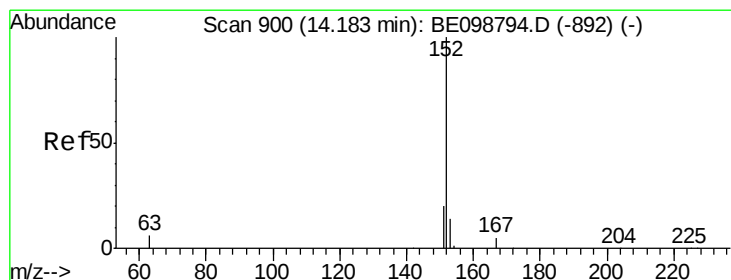
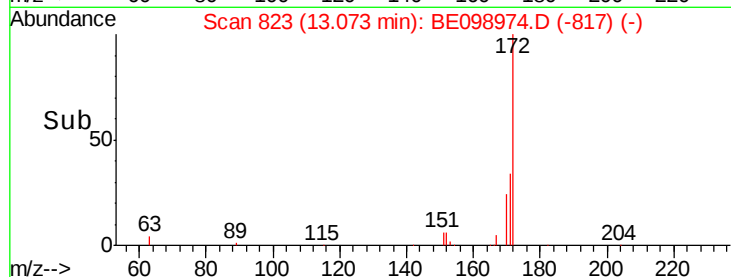
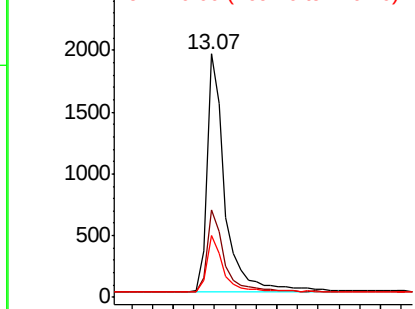
#15
2-Fluorobiphenyl
Concen: 0.448 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098974.D
Acq: 15 Mar 2019 16:43

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

Tgt Ion:172 Resp: 4668
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.6 17.7 26.5

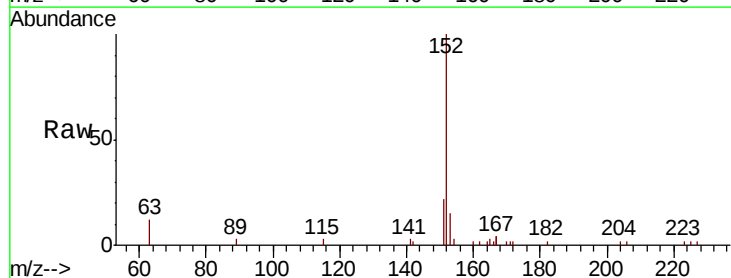


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

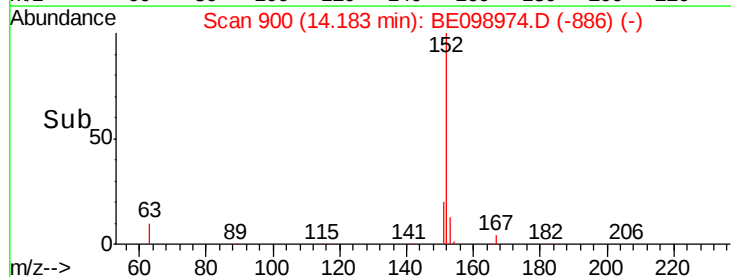
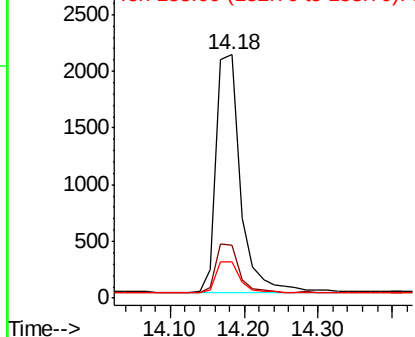


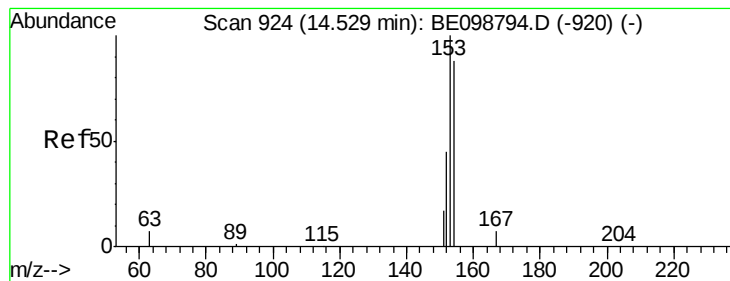
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098974.D
Acq: 15 Mar 2019 16:43

Tgt Ion:152 Resp: 4784
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6
153 13.3 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: 0.387 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

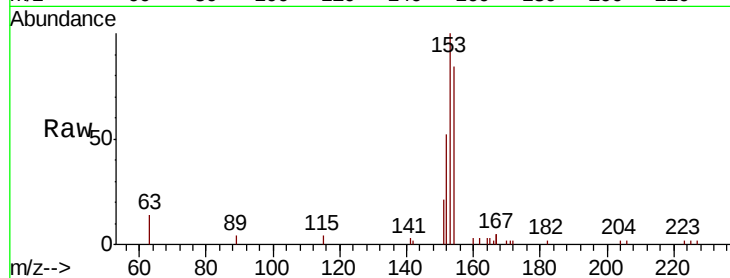
Tgt Ion:154 Resp: 2972

Ion Ratio Lower Upper

154 100

153 114.1 94.2 141.4

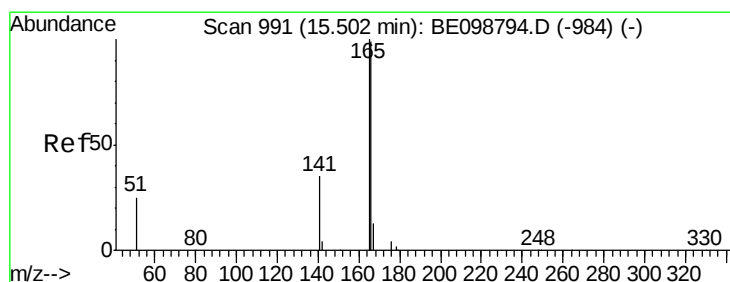
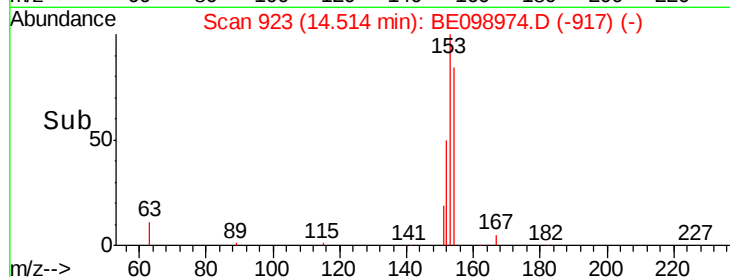
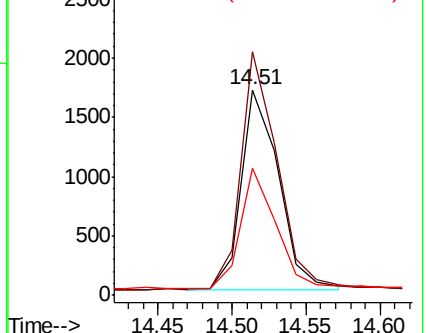
152 57.9 45.0 67.4



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: 0.379 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

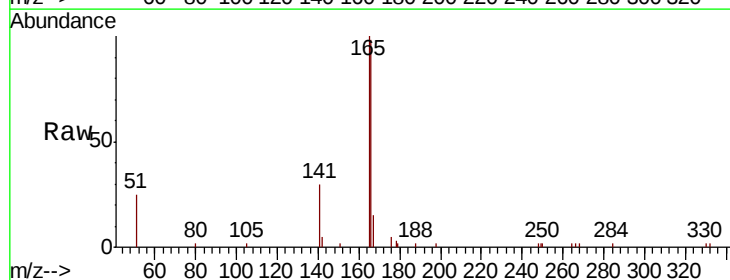
Tgt Ion:166 Resp: 4198

Ion Ratio Lower Upper

166 100

165 101.1 79.3 118.9

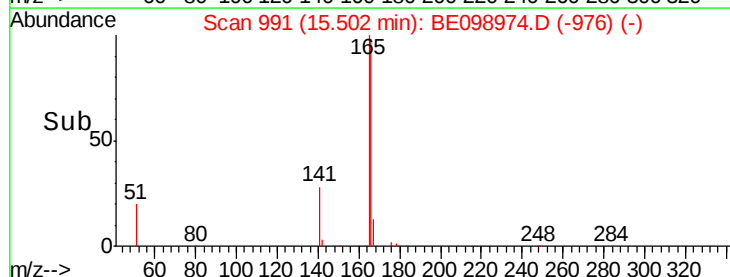
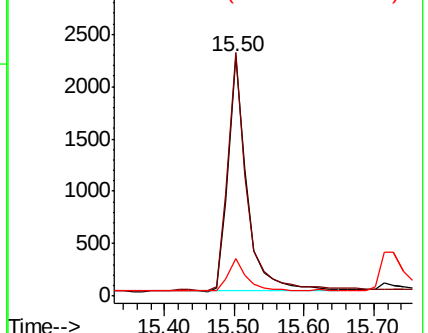
167 13.6 10.5 15.7

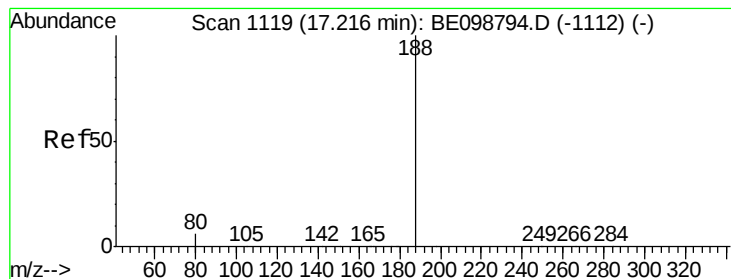


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

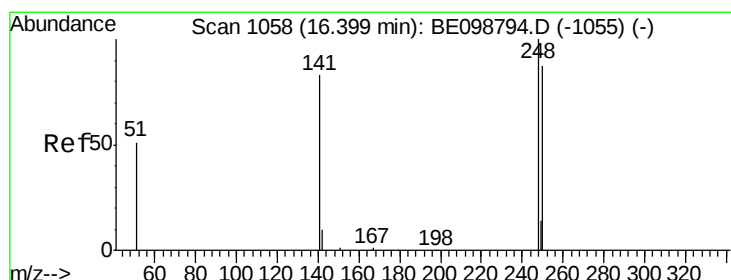
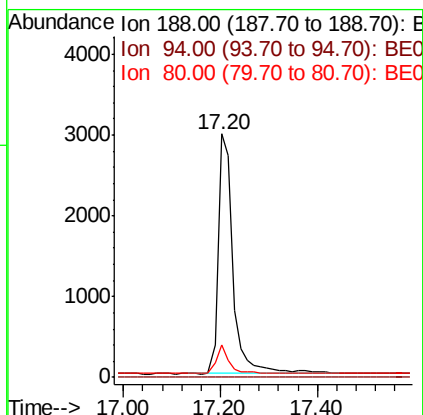
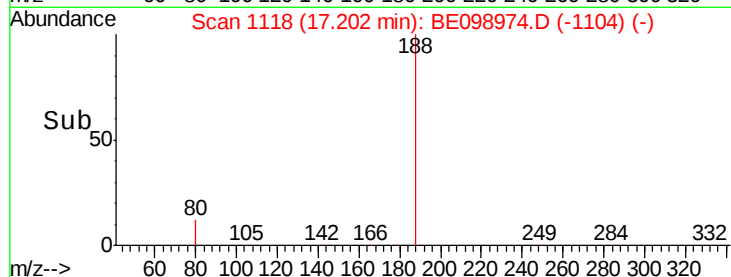
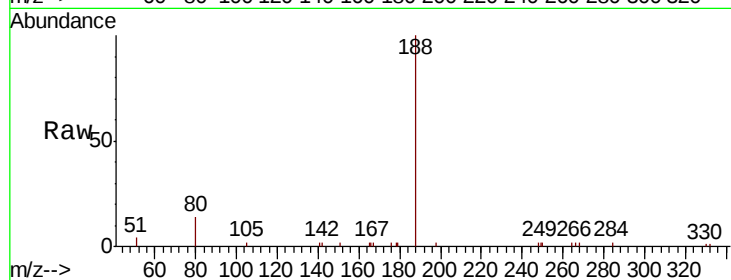
Tgt Ion:188 Resp: 6337

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.402 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

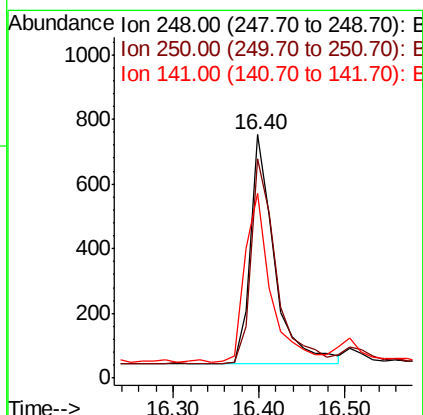
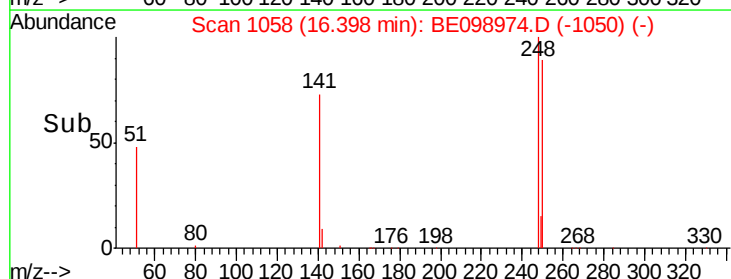
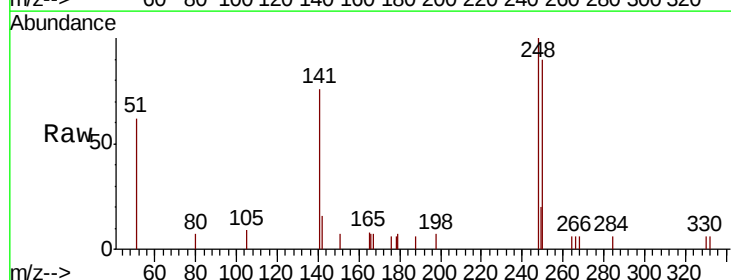
Tgt Ion:248 Resp: 1381

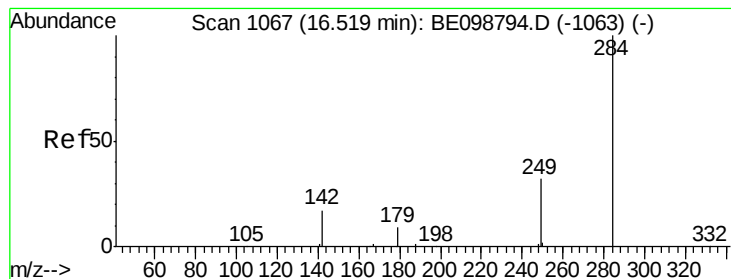
Ion Ratio Lower Upper

248 100

250 90.2 70.6 105.8

141 75.7 68.6 102.8





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

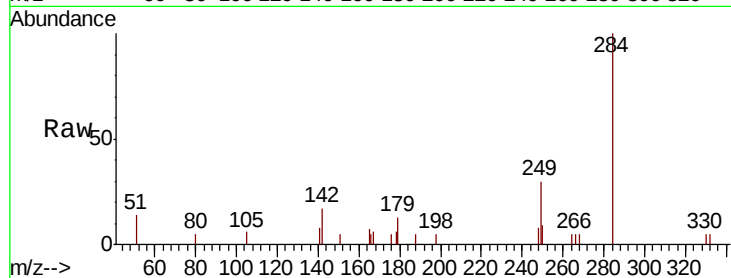
Tgt Ion:284 Resp: 1579

Ion Ratio Lower Upper

284 100

142 34.5 28.7 43.1

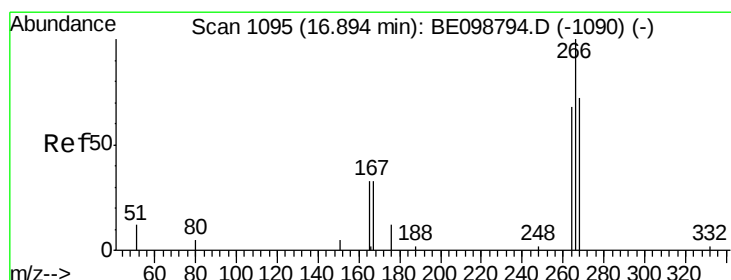
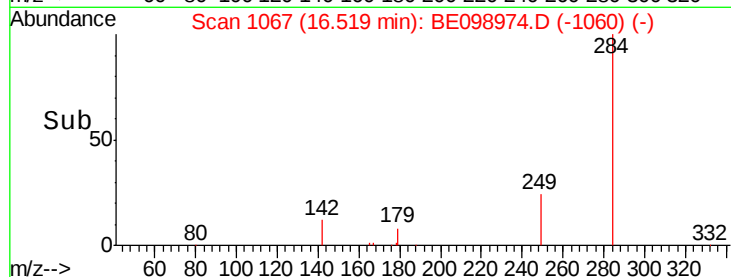
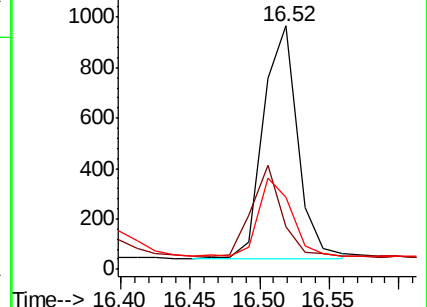
249 32.4 29.6 44.4



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: 0.797 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

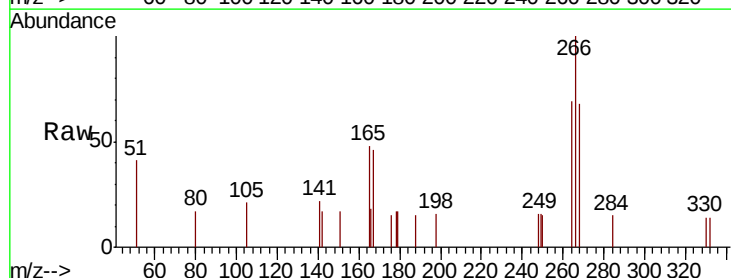
Tgt Ion:266 Resp: 741

Ion Ratio Lower Upper

266 100

264 68.9 66.6 100.0

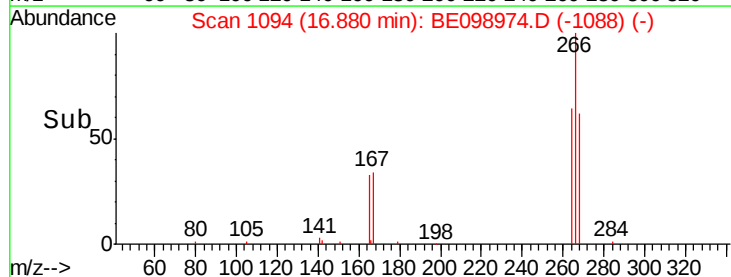
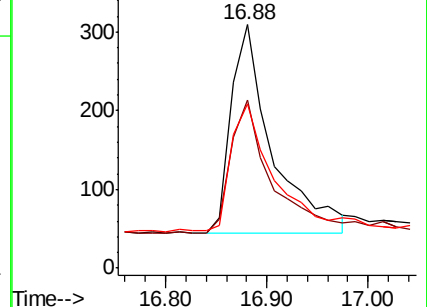
268 67.6 69.8 104.8#



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: 0.383 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

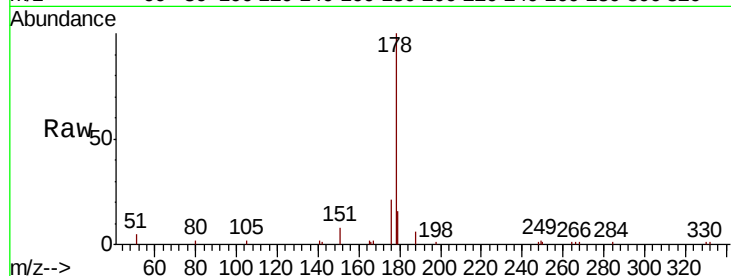
Tgt Ion:178 Resp: 6897

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

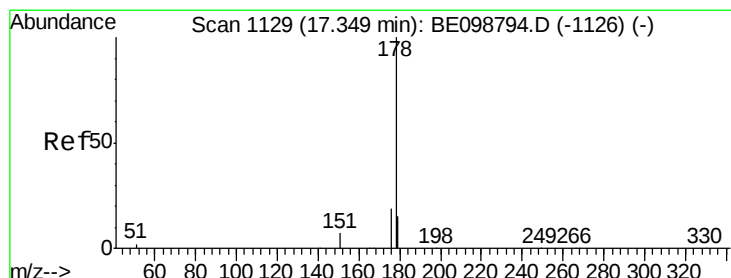
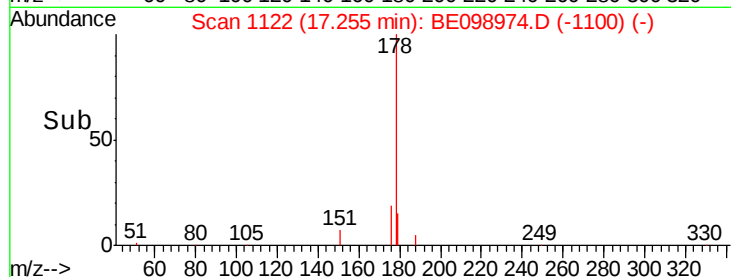
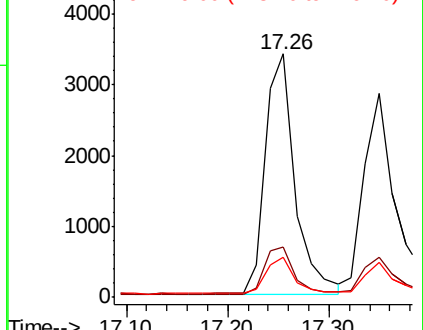
179 14.7 12.1 18.1



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: 0.357 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

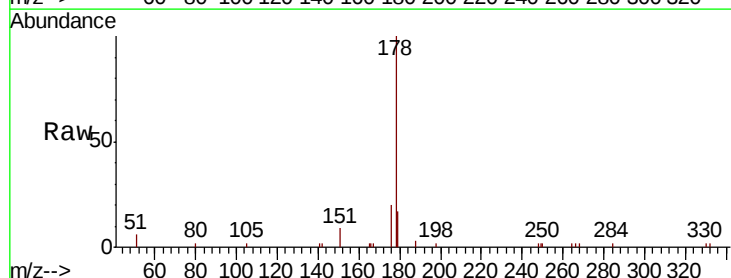
Tgt Ion:178 Resp: 5496

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

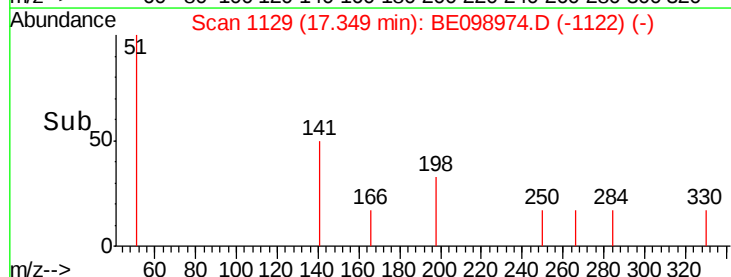
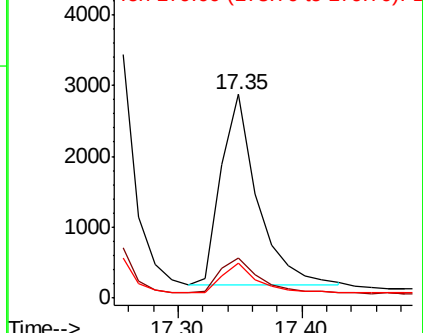
179 15.0 12.2 18.4



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: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

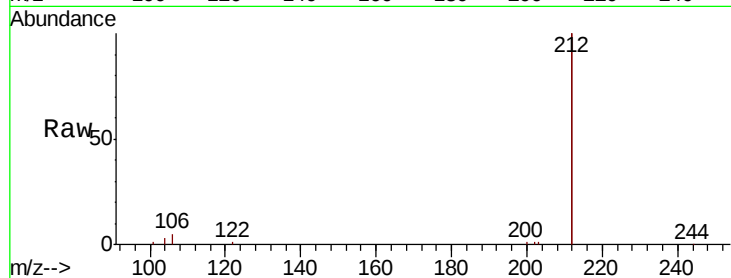
Tgt Ion:212 Resp: 34132

Ion Ratio Lower Upper

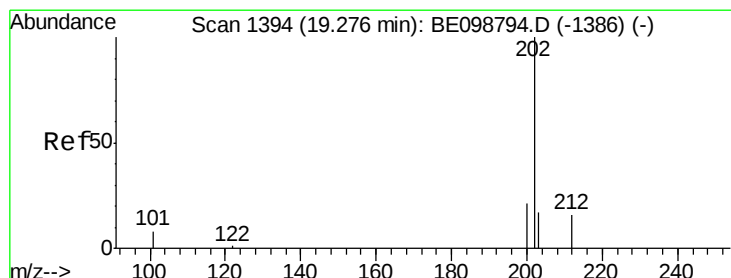
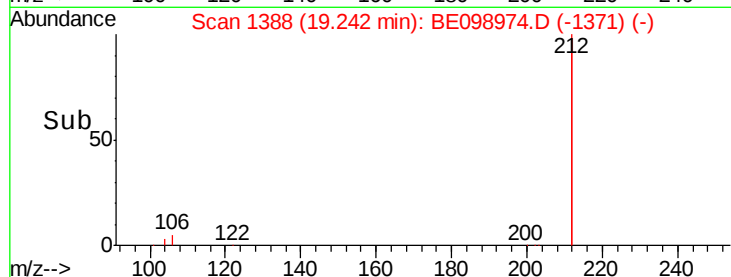
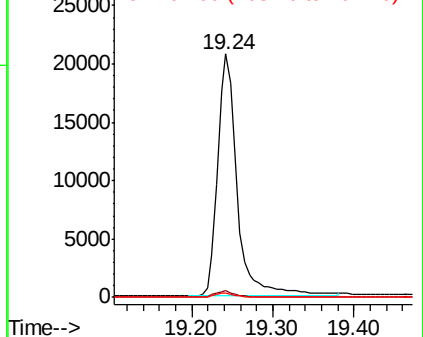
212 100

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: 0.361 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

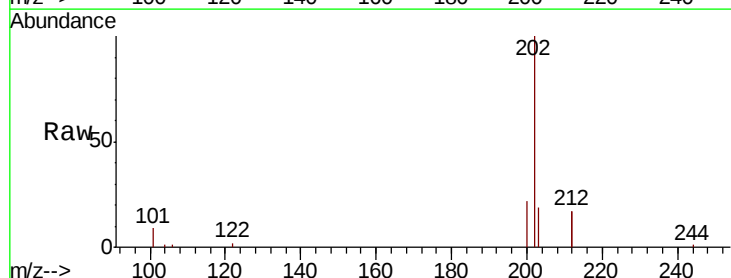
Tgt Ion:202 Resp: 9172

Ion Ratio Lower Upper

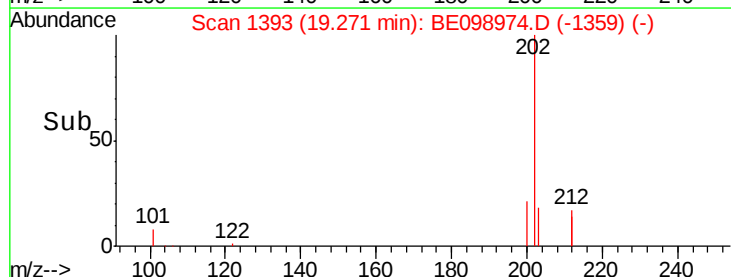
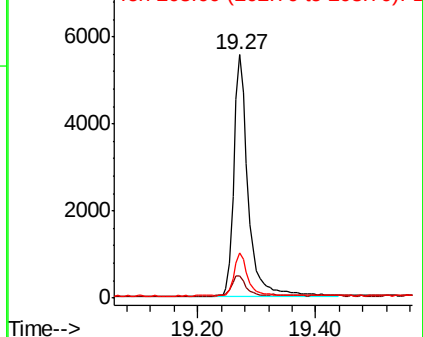
202 100

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

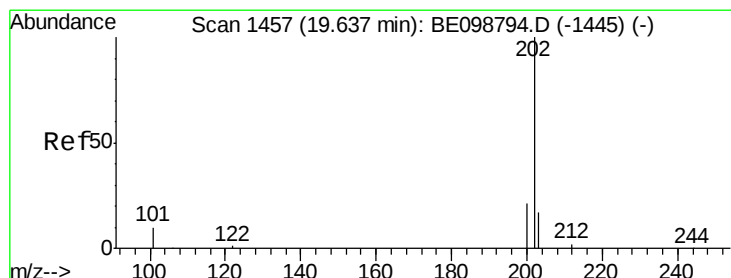
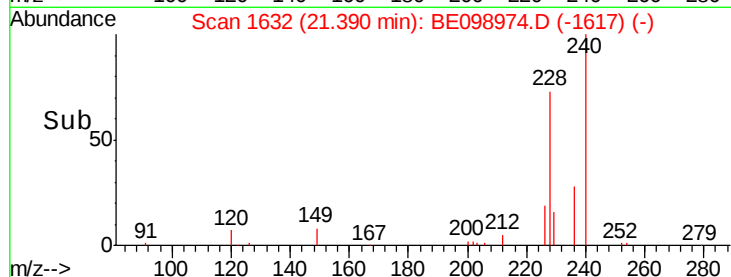
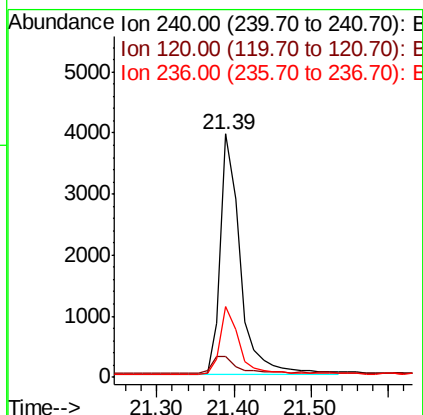
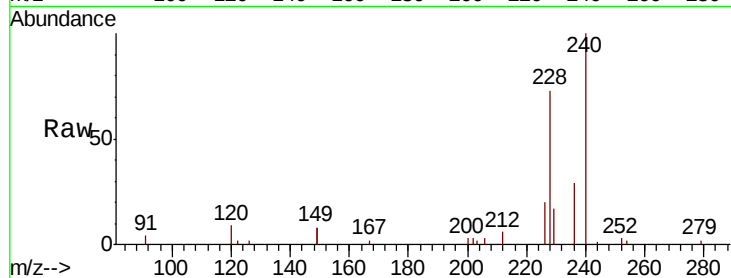




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098794.D
Acq: 15 Mar 2019 16:43

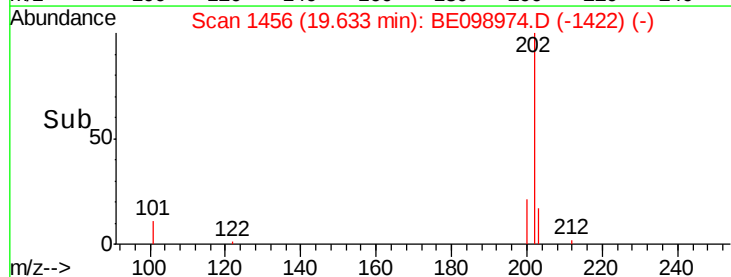
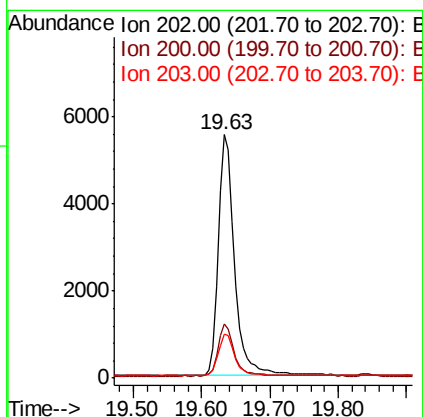
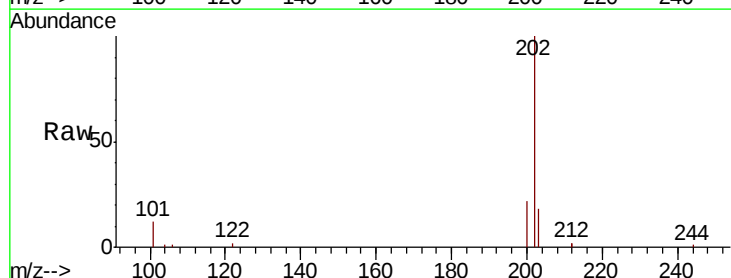
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MS

Tgt Ion:240 Resp: 7056
Ion Ratio Lower Upper
240 100
120 8.8 5.0 7.4#
236 29.1 22.7 34.1



#28
Pyrene
Concen: 0.436 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098794.D
Acq: 15 Mar 2019 16:43

Tgt Ion:202 Resp: 9417
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

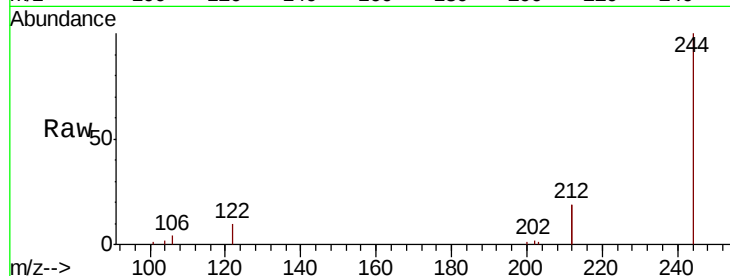
Tgt Ion:244 Resp: 7100

Ion Ratio Lower Upper

244 100

212 38.9 29.4 44.2

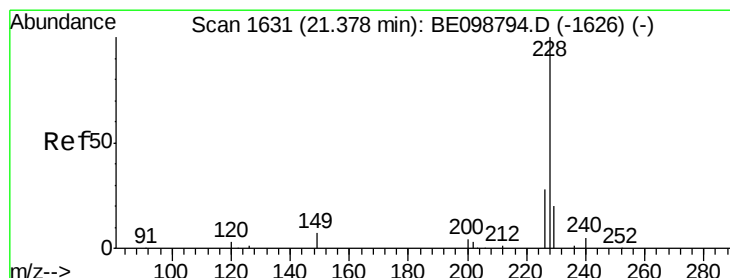
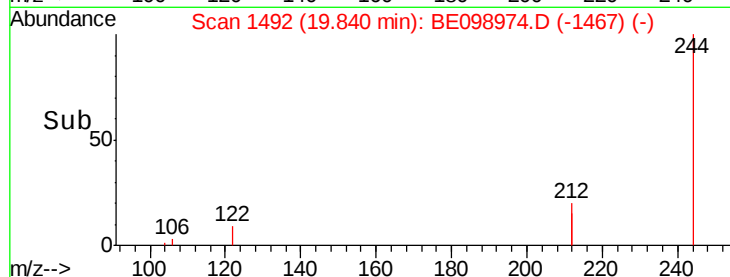
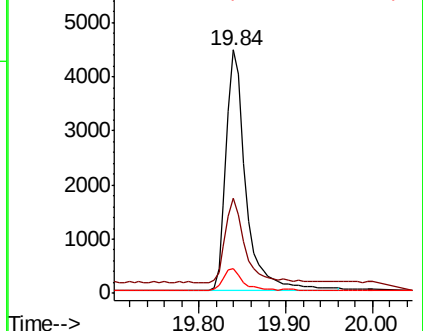
122 10.0 7.1 10.7



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: 0.376 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

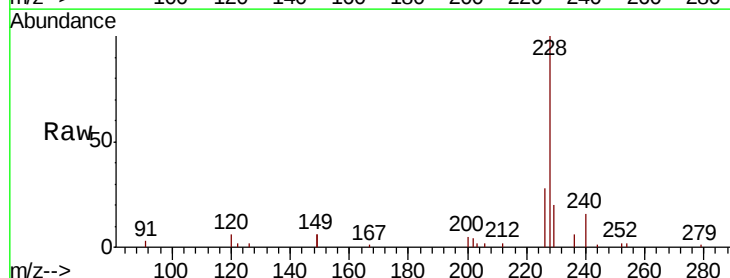
Tgt Ion:228 Resp: 8273

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

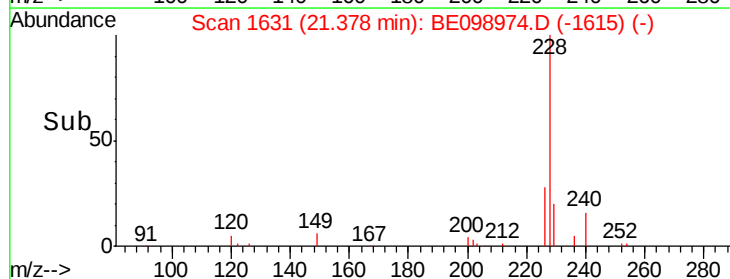
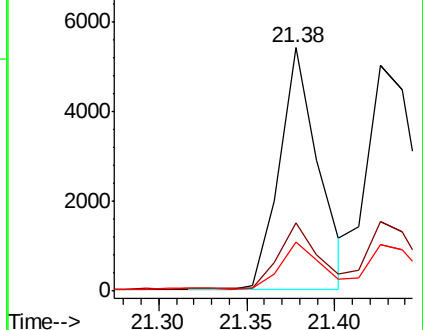
229 20.3 16.5 24.7



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: 0.410 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098794.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

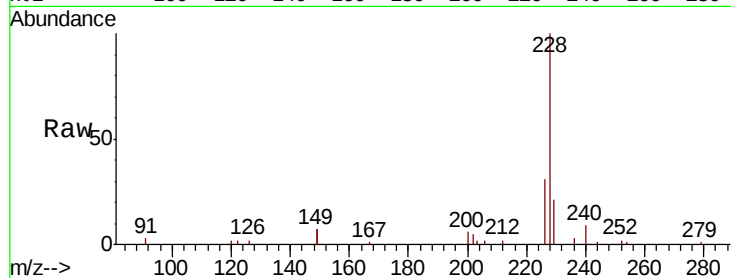
Tgt Ion: 228 Resp: 9671

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

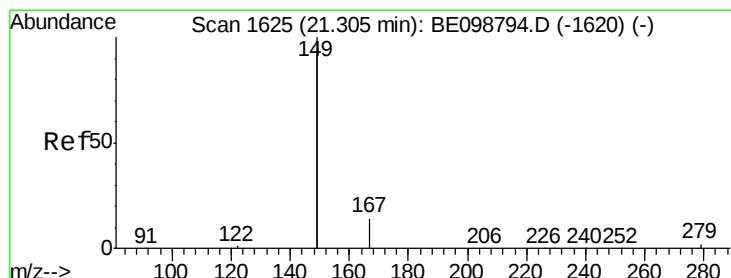
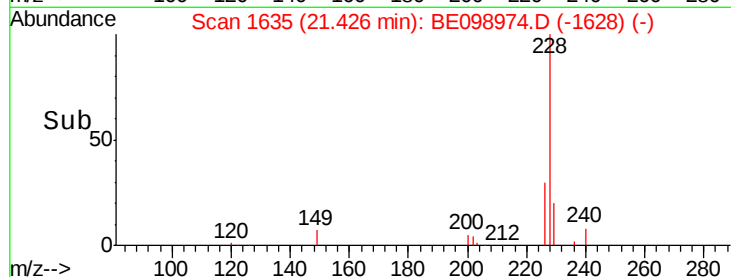
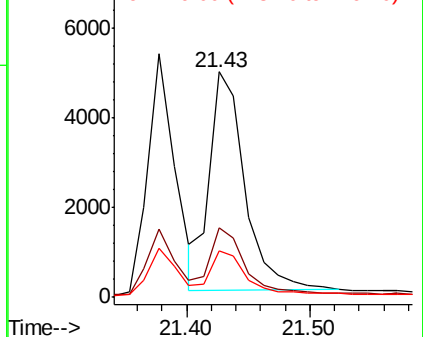
229 20.8 16.1 24.1



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: 0.371 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098794.D

Acq: 15 Mar 2019 16:43

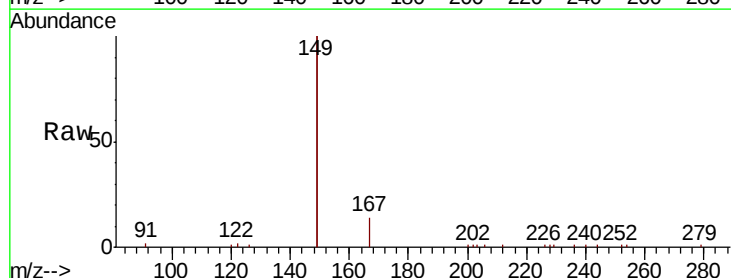
Tgt Ion: 149 Resp: 17397

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

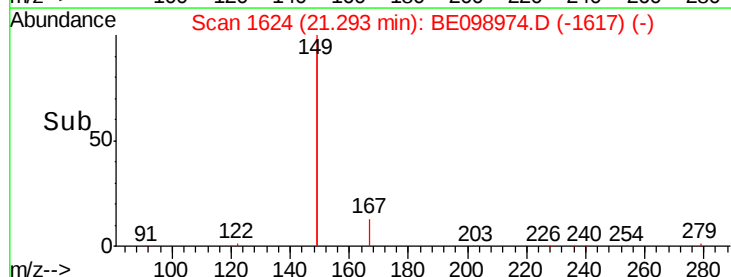
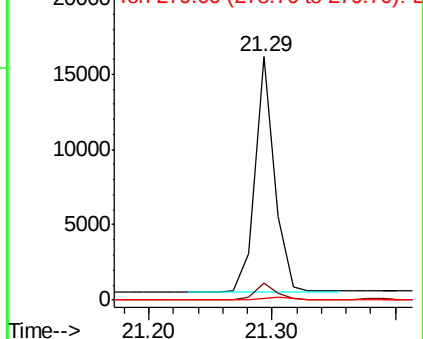
279 1.2 1.0 1.4



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: 0.328 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

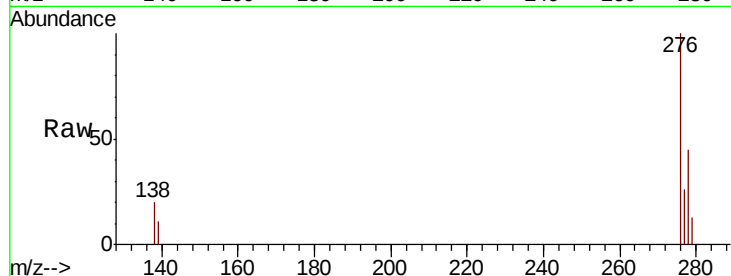
Tgt Ion:276 Resp: 8168

Ion Ratio Lower Upper

276 100

138 18.3 13.8 20.8

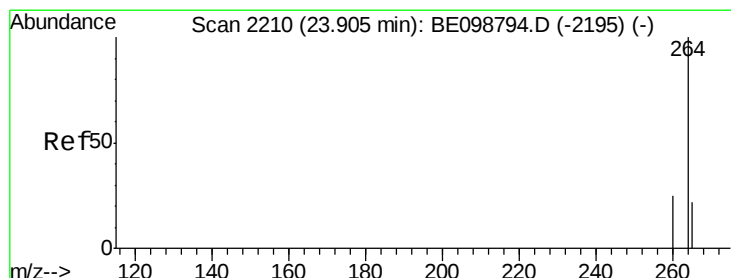
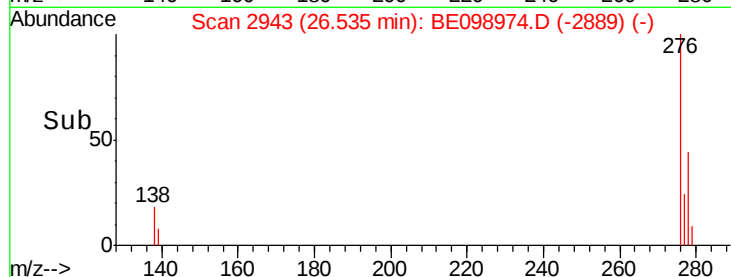
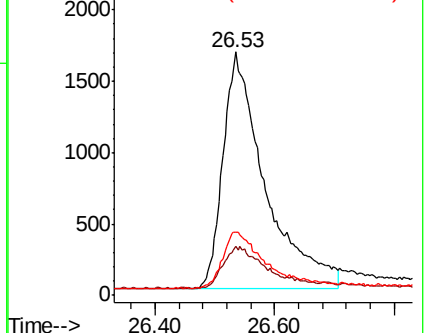
277 23.0 19.5 29.3



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: BE098974.D

Acq: 15 Mar 2019 16:43

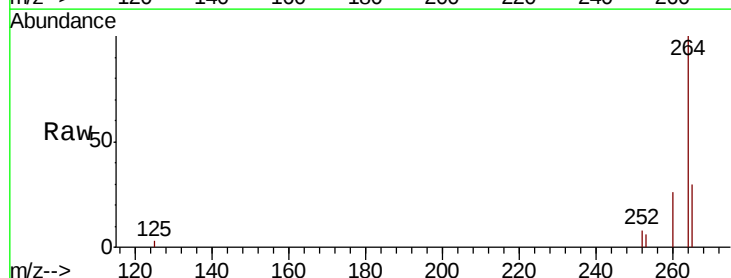
Tgt Ion:264 Resp: 6724

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

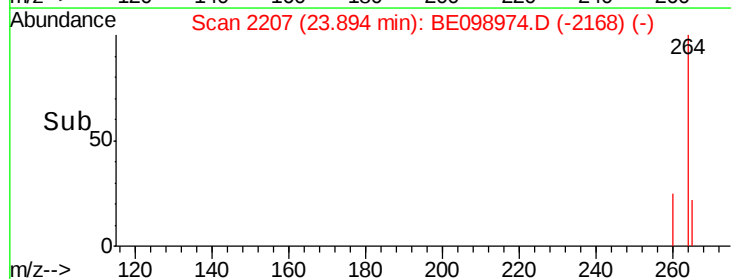
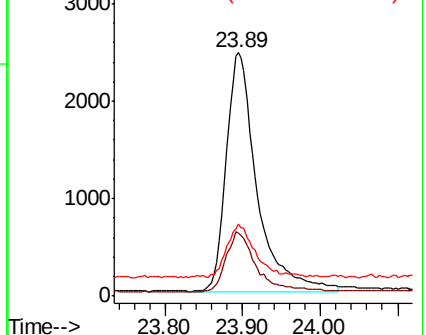
265 29.6 24.6 36.8

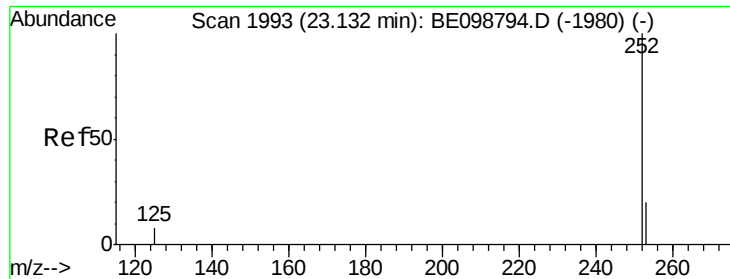


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.431 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.05 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

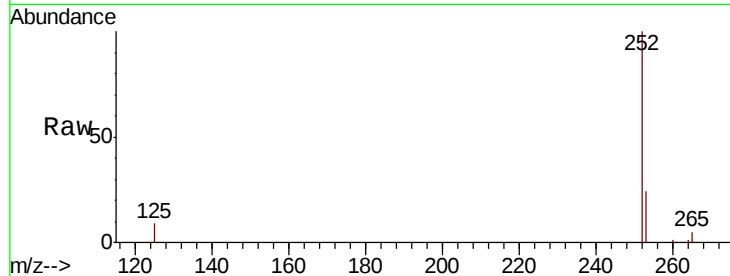
Tgt Ion:252 Resp: 9530

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

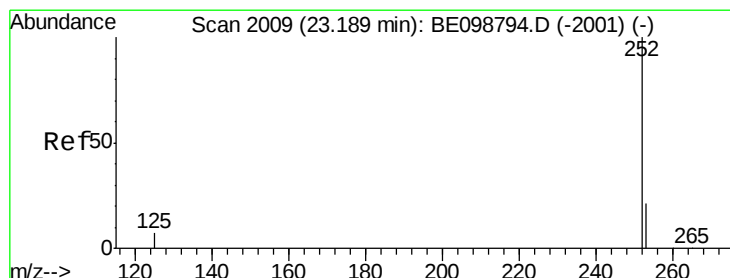
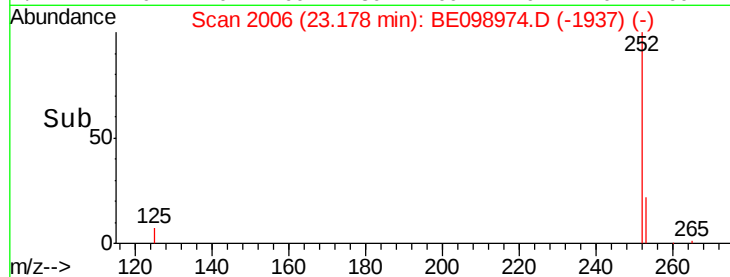
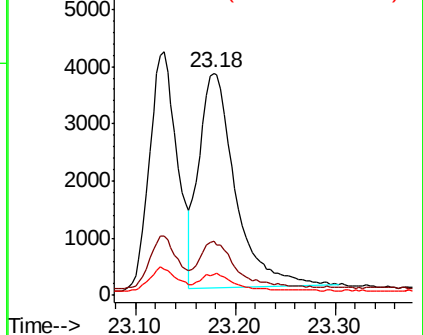
125 9.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

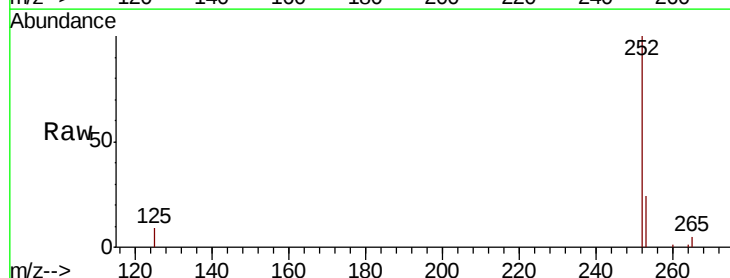
Tgt Ion:252 Resp: 9824

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

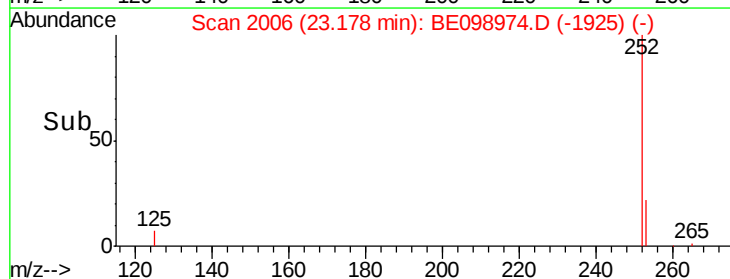
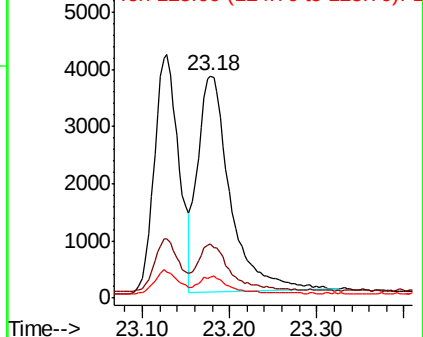
125 9.3 7.5 11.3



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: 0.399 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS

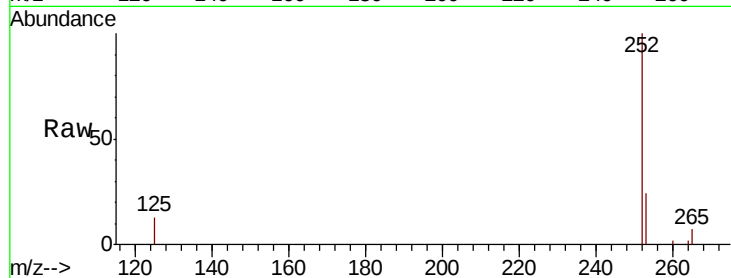
Tgt Ion:252 Resp: 8454

Ion Ratio Lower Upper

252 100

253 24.3 19.9 29.9

125 13.2 9.0 13.4

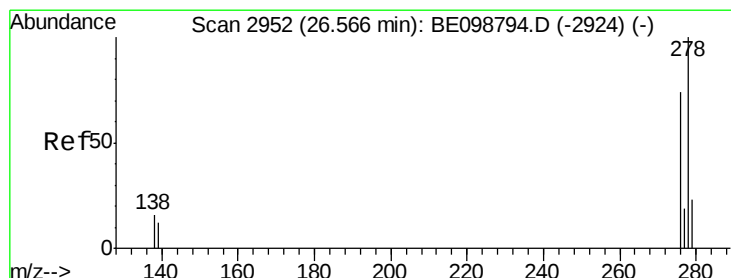
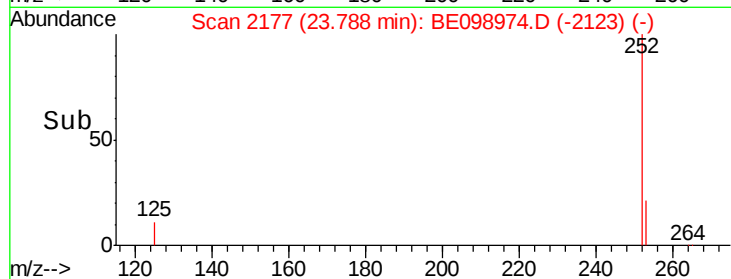
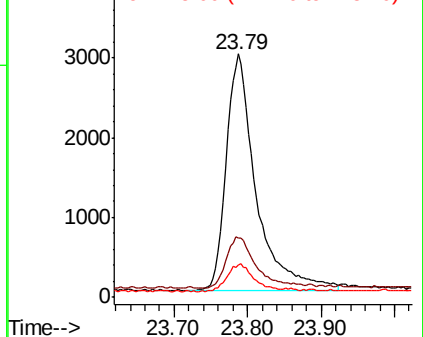


Abundance

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: 0.307 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BE098974.D

Acq: 15 Mar 2019 16:43

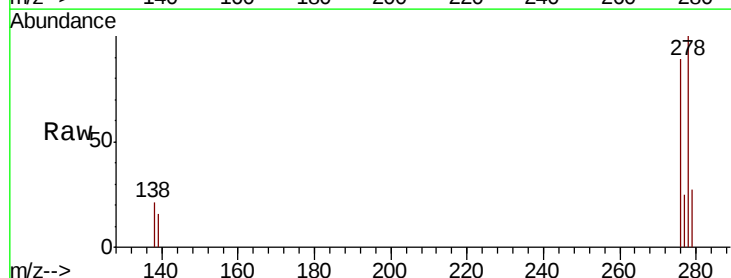
Tgt Ion:278 Resp: 6161

Ion Ratio Lower Upper

278 100

139 16.0 11.8 17.6

279 27.5 21.1 31.7

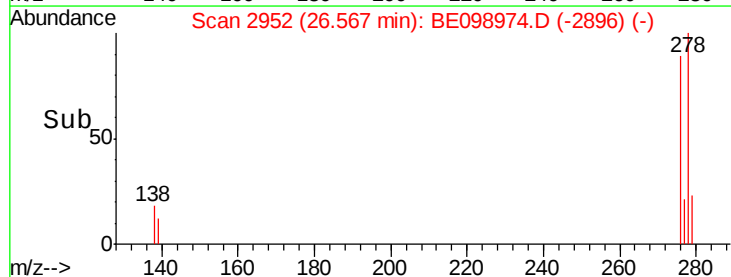
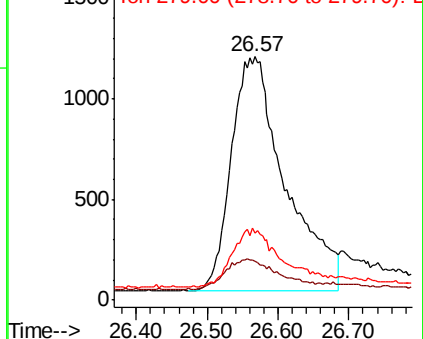


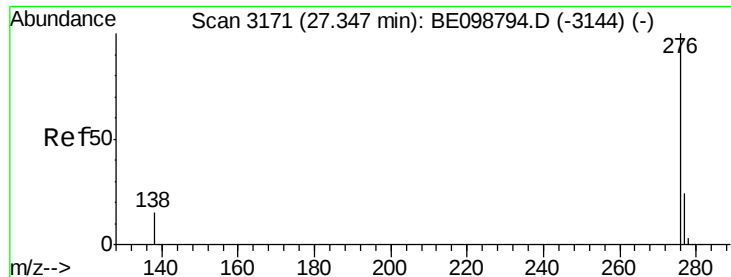
Abundance

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: 0.337 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098974.D

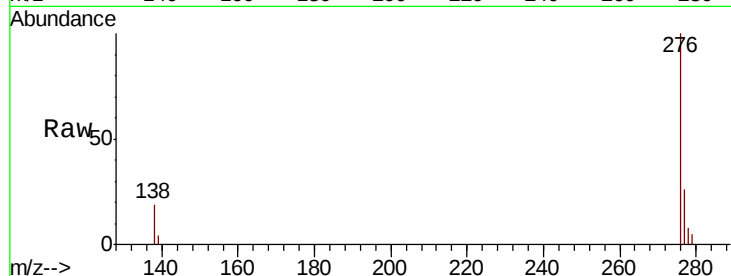
Acq: 15 Mar 2019 16:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190313MS



Tgt Ion: 276 Resp: 7068

Ion Ratio Lower Upper

276 100

277 26.0 20.4 30.6

138 18.5 13.6 20.4

