

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098955.D
 Acq On : 14 Mar 2019 22:21
 Operator : JU/SJ
 Sample : K1882-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Quant Time: Mar 15 05:33:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	771	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3405	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2163	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5182	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6156	0.40	ng	-0.01
34) Perylene-d12	23.90	264	5832	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	229	0.10	ng	0.02
5) Phenol-d6	7.01	99	274	0.08	ng	0.02
8) Nitrobenzene-d5	8.97	82	1347	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2631	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	405	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4154	0.46	ng	-0.01
25) Fluoranthene-d10	19.24	212	29343	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	6297	0.42	ng	0.00

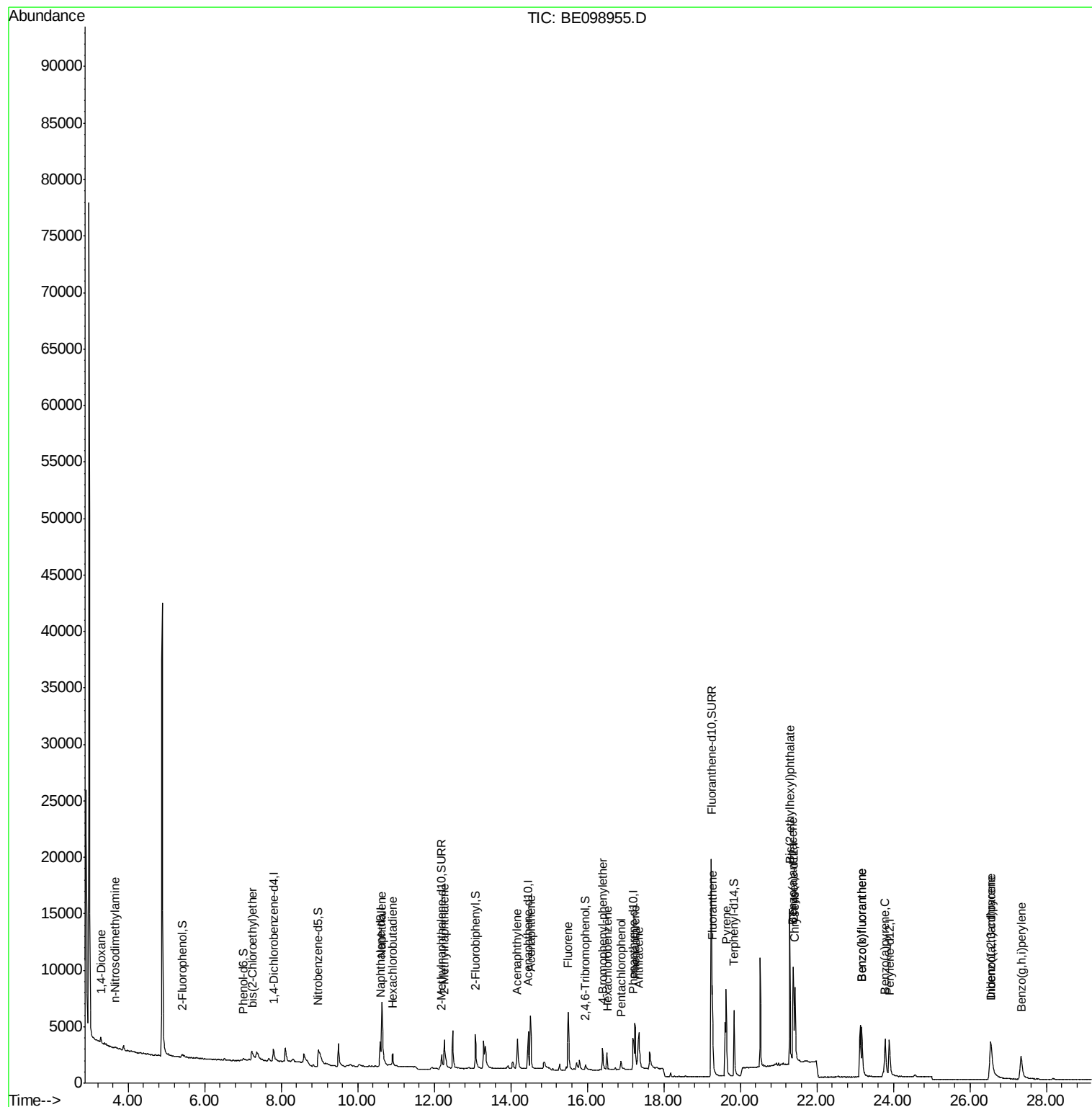
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	355	0.195	ng	# 70
3) n-Nitrosodimethylamine	3.66	42	135	0.070	ng	# 14
6) bis(2-Chloroethyl)ether	7.24	93	662	0.263	ng	# 69
9) Naphthalene	10.63	128	14776	0.379	ng	99
10) Hexachlorobutadiene	10.91	225	895	0.347	ng	98
12) 2-Methylnaphthalene	12.27	142	2438	0.385	ng	98
16) Acenaphthylene	14.17	152	4137	0.372	ng	96
17) Acenaphthene	14.51	154	2547	0.386	ng	98
18) Fluorene	15.50	166	3535	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1035	0.369	ng	92
21) Hexachlorobenzene	16.52	284	1320	0.395	ng	96
22) Pentachlorophenol	16.88	266	670	0.854	ng	# 79
23) Phenanthrene	17.24	178	5619	0.381	ng	99
24) Anthracene	17.35	178	4423	0.351	ng	98
26) Fluoranthene	19.27	202	7478	0.360	ng	99
28) Pyrene	19.63	202	7705	0.409	ng	100
30) Benzo(a)anthracene	21.38	228	6905	0.359	ng	99
31) Chrysene	21.43	228	7940	0.386	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	14940	0.365	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	7343	0.338	ng	98
35) Benzo(b)fluoranthene	23.18	252	8113	0.423	ng	99
36) Benzo(k)fluoranthene	23.18	252	8113	0.404	ng	99
37) Benzo(a)pyrene	23.78	252	7337	0.399	ng	# 95
38) Dibenzo(a,h)anthracene	26.57	278	4996	0.287	ng	97
39) Benzo(g,h,i)perylene	27.34	276	6573	0.361	ng	98

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

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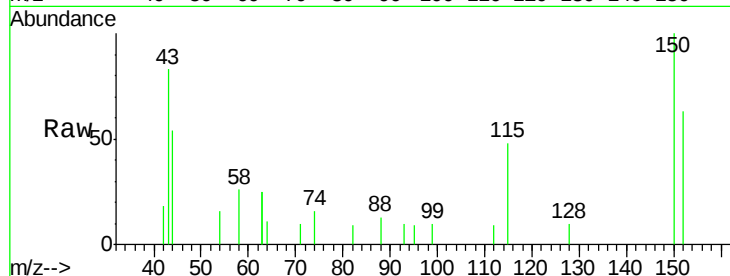


#1

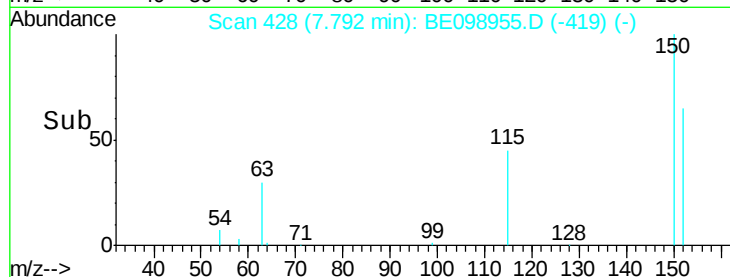
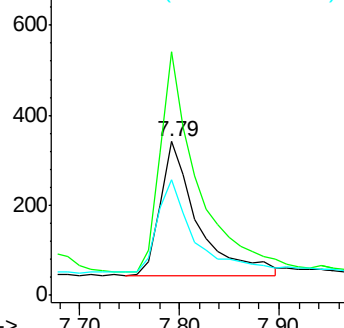
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tgt Ion: 152 Resp: 771
Ion Ratio Lower Upper
152 100
150 158.7 122.5 183.7
115 75.7 57.4 86.2



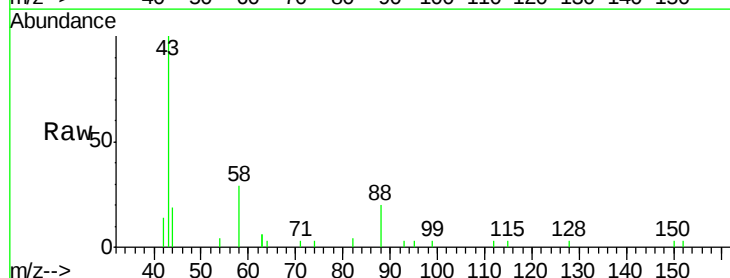
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



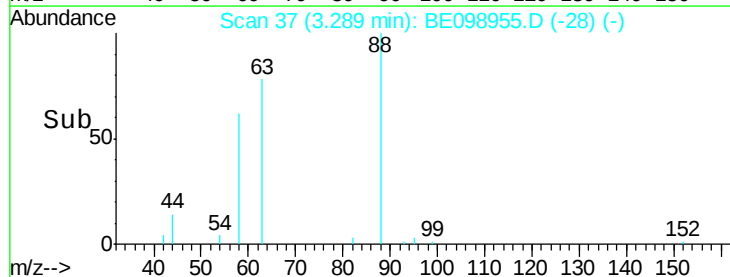
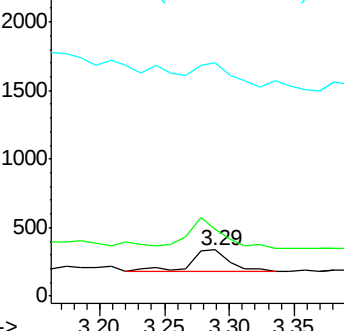
#2

1,4-Dioxane
Concen: 0.195 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Tgt Ion: 88 Resp: 355
Ion Ratio Lower Upper
88 100
58 111.8 75.8 113.6
43 89.0 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: 0.070 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.03 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

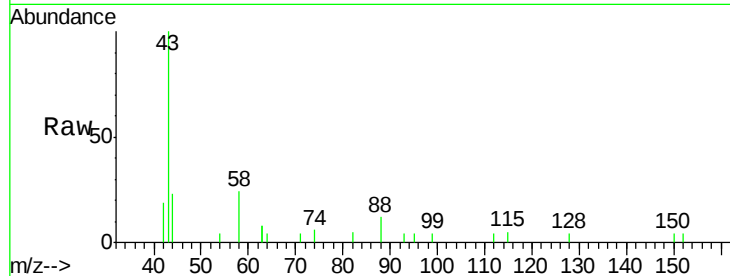
Instrument :

BNA_E

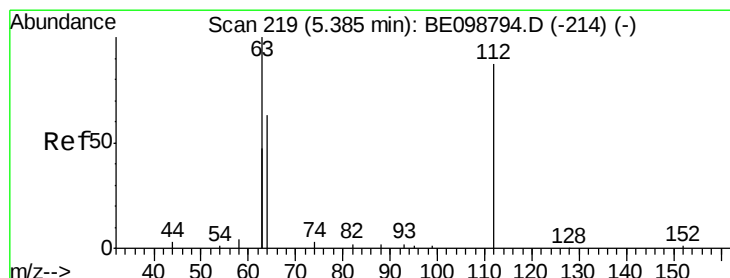
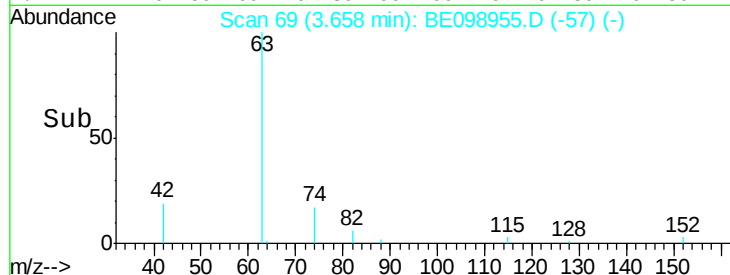
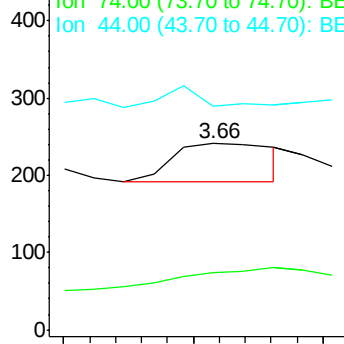
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tgt Ion:	42	Resp:	135
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	30.4	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: 0.099 ng

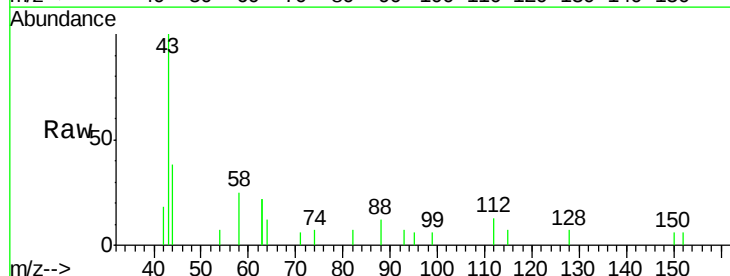
RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

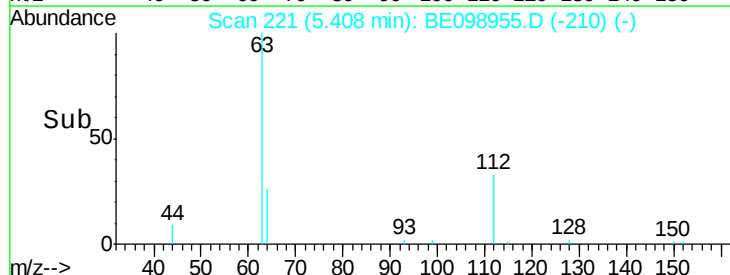
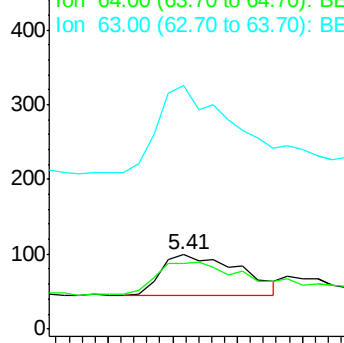
Lab File: BE098955.D

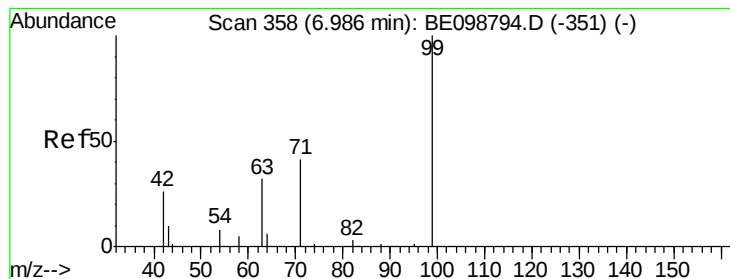
Acq: 14 Mar 2019 22:21

Tgt Ion:	112	Resp:	229
Ion	Ratio	Lower	Upper
112	100		
64	114.8	57.9	86.9#
63	253.3	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: 0.084 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

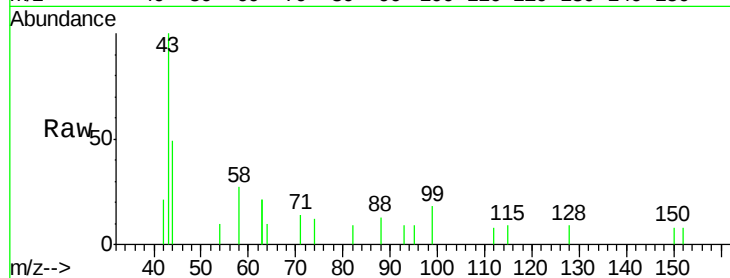
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 8.0 24.2 36.2#

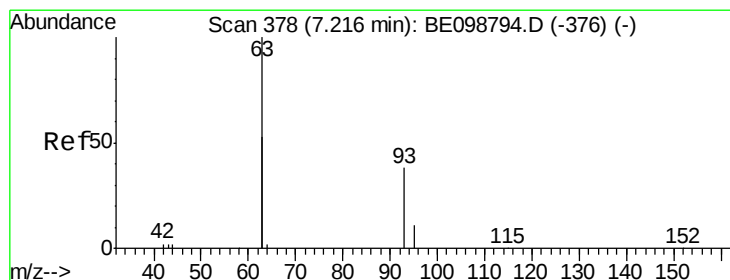
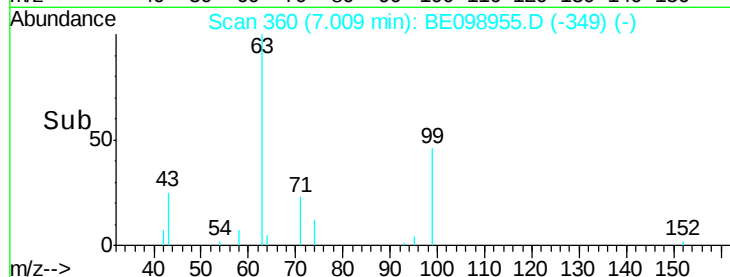
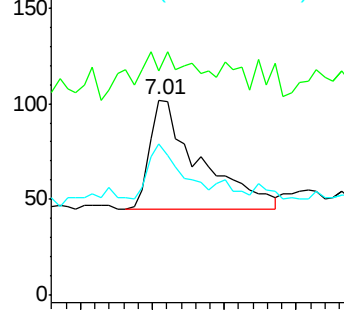
71 33.2 35.7 53.5#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.263 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

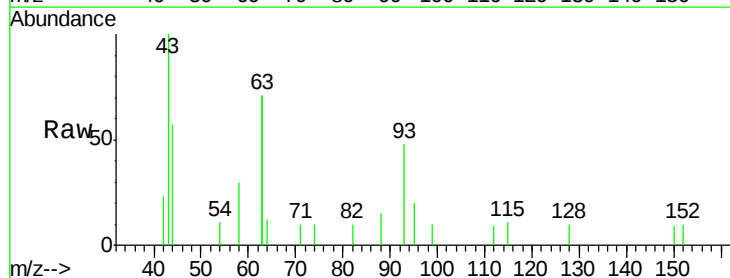
Tgt Ion: 93 Resp: 662

Ion Ratio Lower Upper

93 100

63 373.1 247.5 371.3#

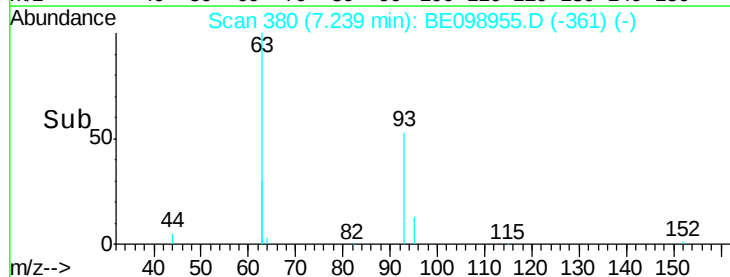
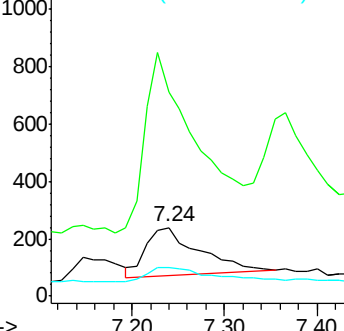
95 36.0 21.8 32.8#

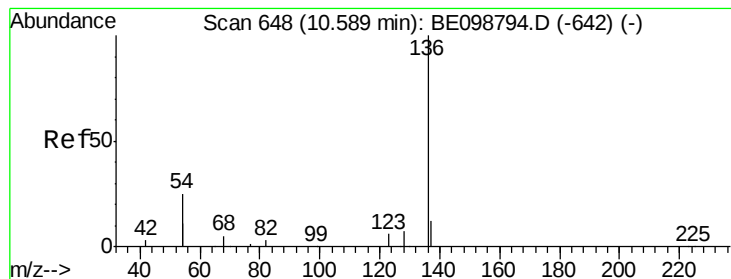


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

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BPS1-TT-MW304D-20190312MSD

Tgt Ion: 136 Resp: 3405

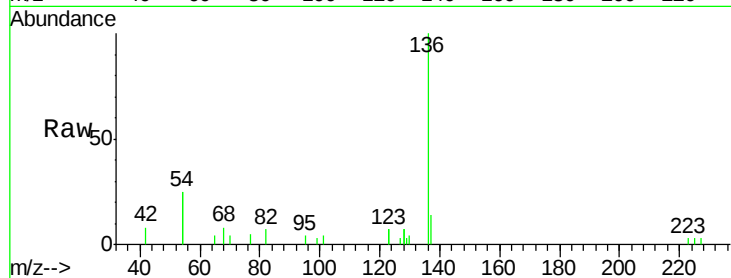
Ion Ratio Lower Upper

136 100

137 13.5 11.4 17.0

54 50.9 39.3 58.9

68 7.9 6.7 10.1

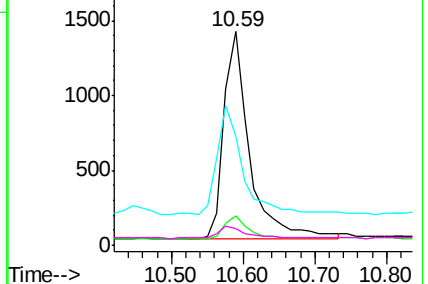
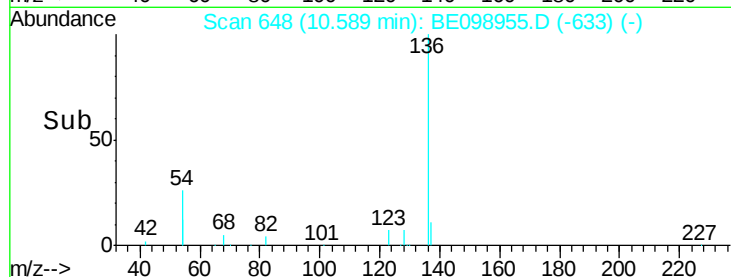


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

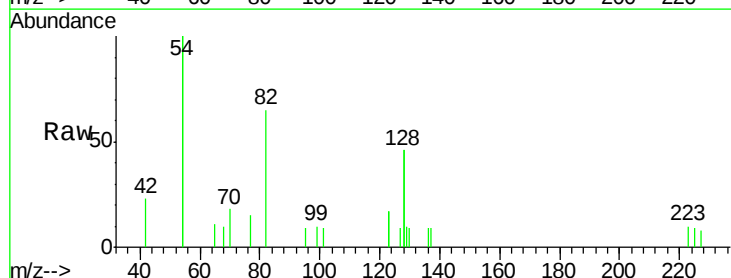
Tgt Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 142.6 123.8 185.8

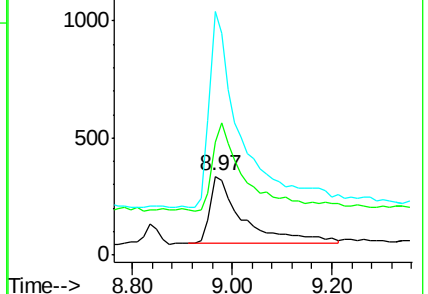
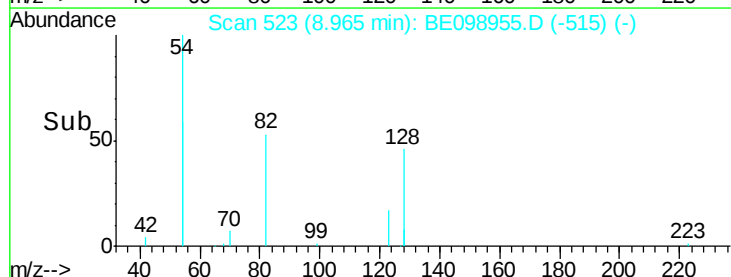
54 307.7 203.4 305.2#



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: 0.379 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

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ClientSampleId :

BPS1-TT-MW304D-20190312MSD

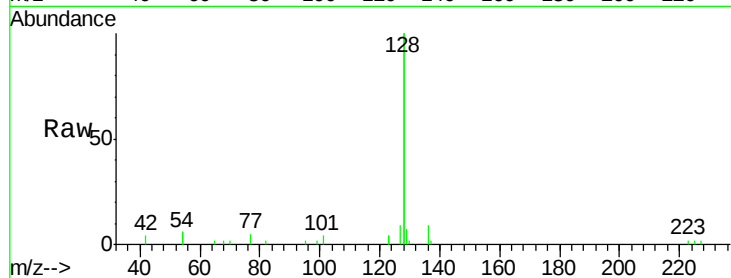
Tgt Ion:128 Resp: 14776

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

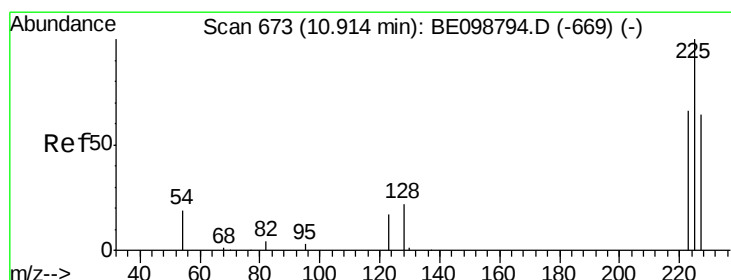
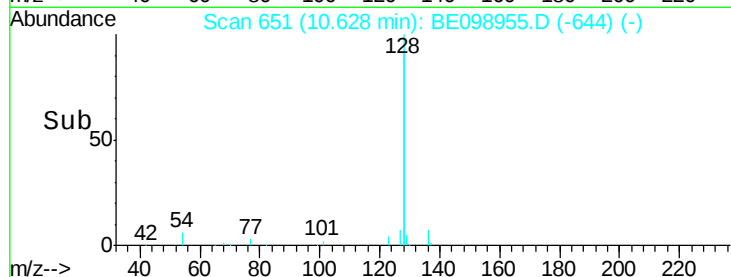
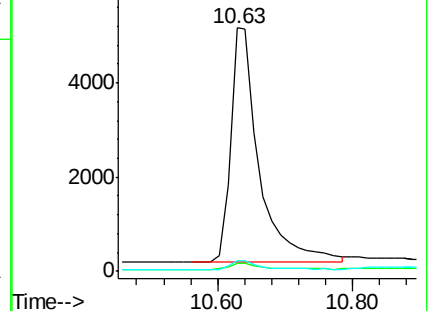
127 4.3 3.1 4.7



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: 0.347 ng

RT: 10.91 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

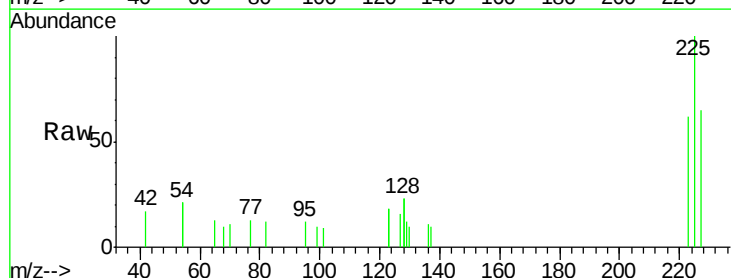
Tgt Ion:225 Resp: 895

Ion Ratio Lower Upper

225 100

223 62.3 51.1 76.7

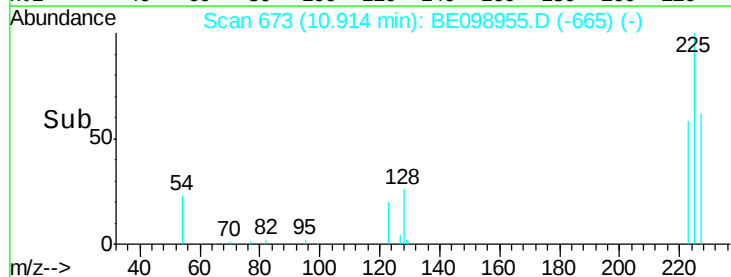
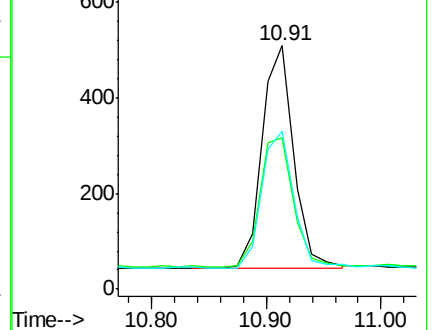
227 63.5 51.6 77.4



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: 0.418 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

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ClientSampleId :

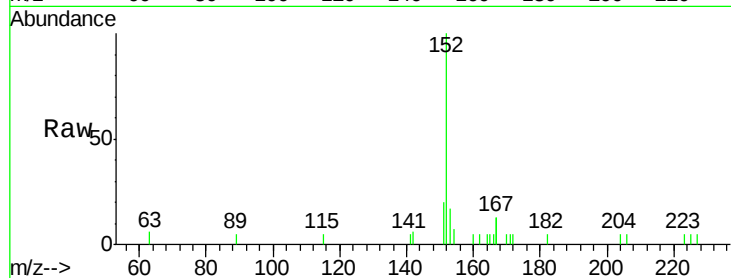
BPS1-TT-MW304D-20190312MSD

Tgt Ion:152 Resp: 2631

Ion Ratio Lower Upper

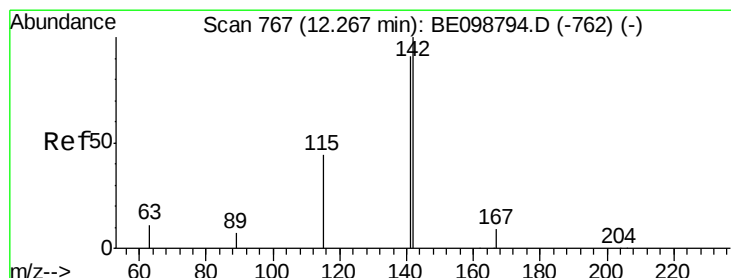
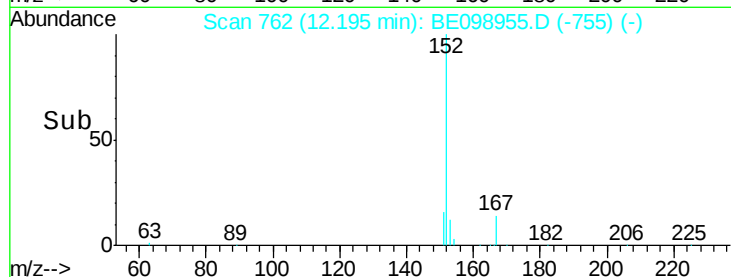
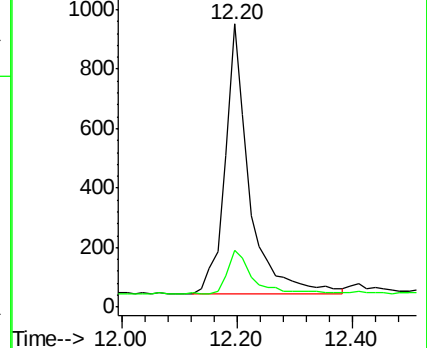
152 100

151 16.8 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: 0.385 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

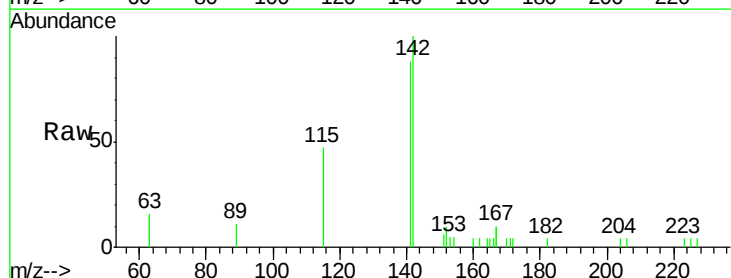
Tgt Ion:142 Resp: 2438

Ion Ratio Lower Upper

142 100

141 87.5 72.6 108.8

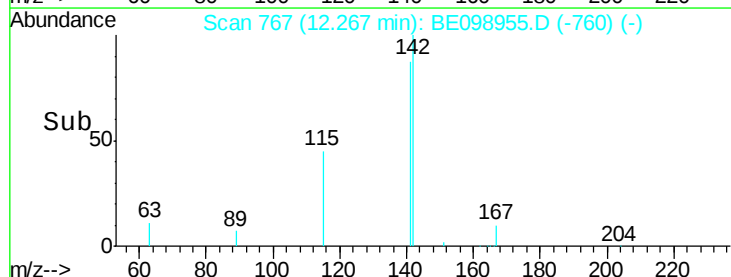
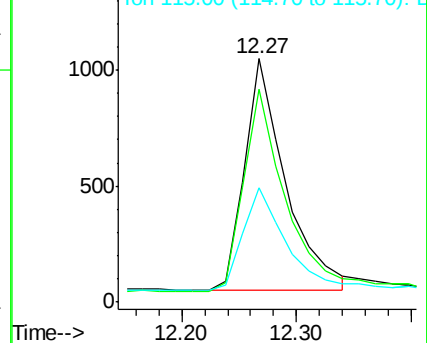
115 47.2 37.4 56.2

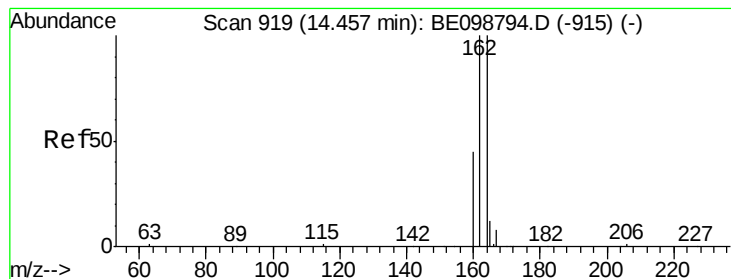


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098955.D

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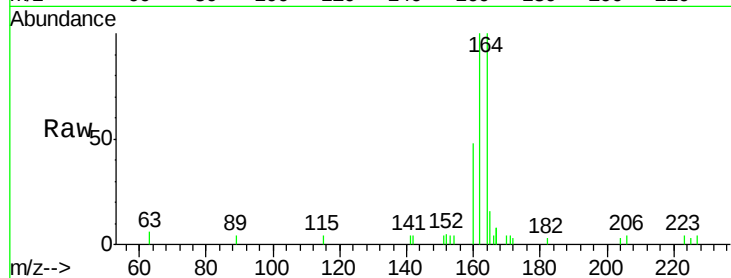
Tgt Ion:164 Resp: 2163

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

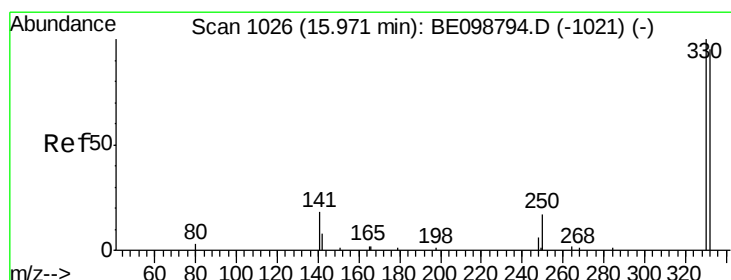
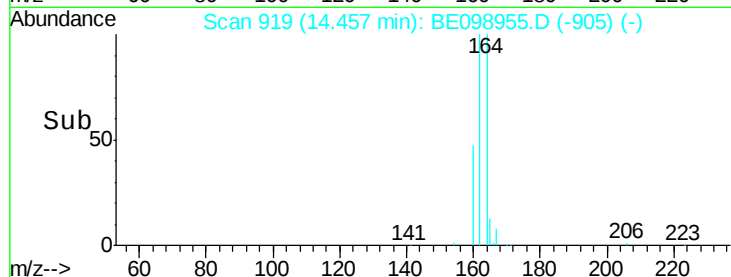
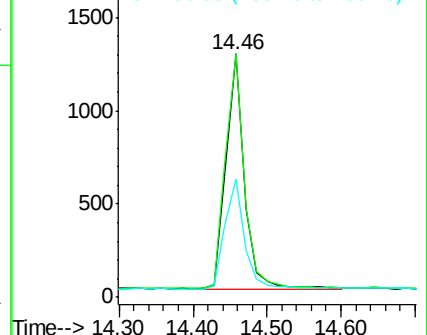
160 48.4 37.8 56.8



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: 0.371 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

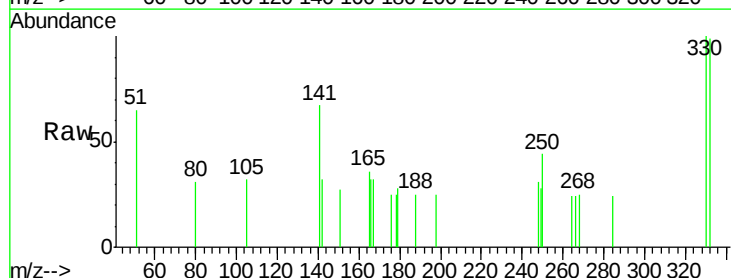
Tgt Ion:330 Resp: 405

Ion Ratio Lower Upper

330 100

332 94.3 77.6 116.4

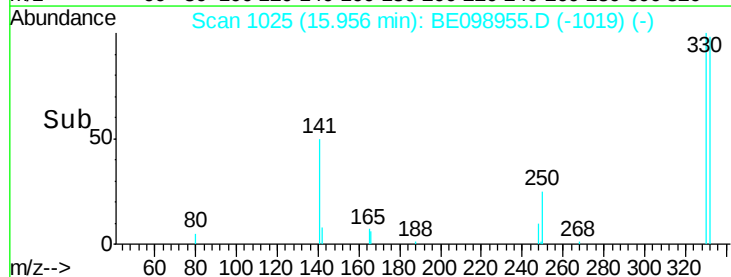
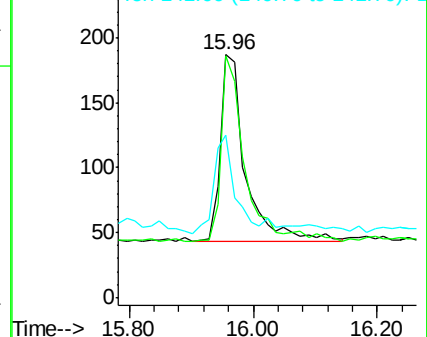
141 44.4 31.0 46.4



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

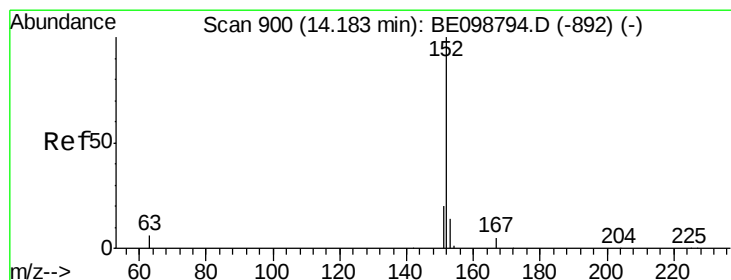
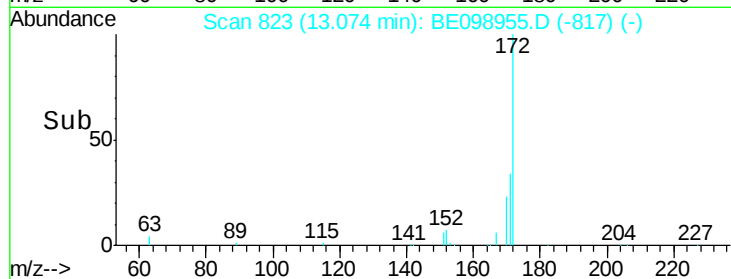
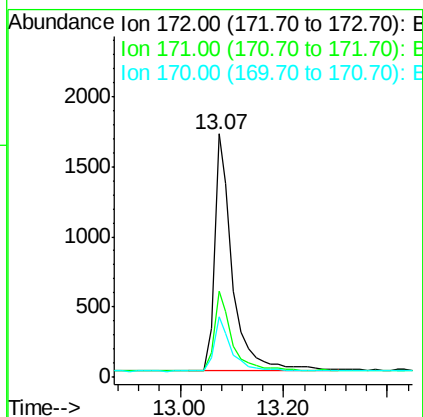
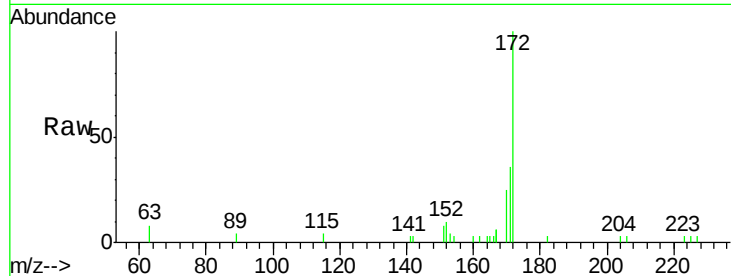




#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

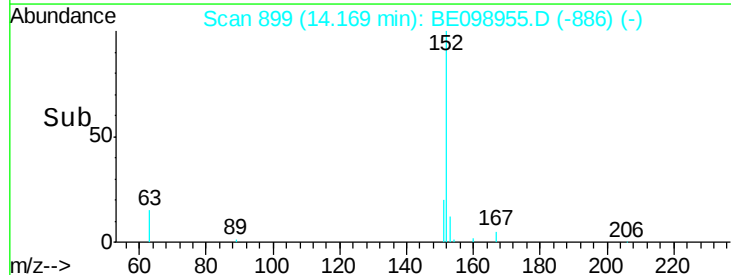
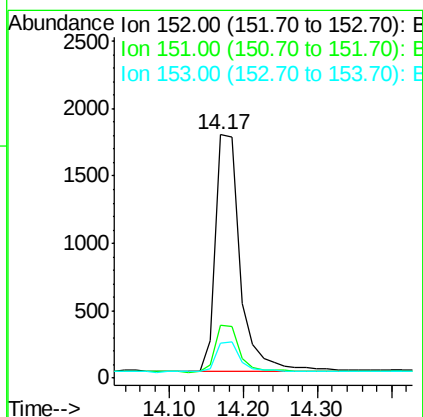
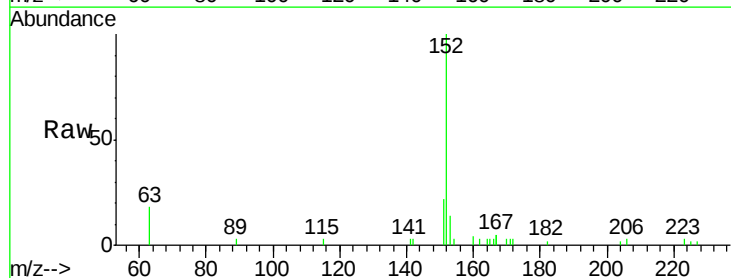
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tgt Ion:172 Resp: 4154
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.9 17.7 26.5



#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Tgt Ion:152 Resp: 4137
Ion Ratio Lower Upper
152 100
151 19.2 17.0 25.6
153 12.8 11.2 16.8

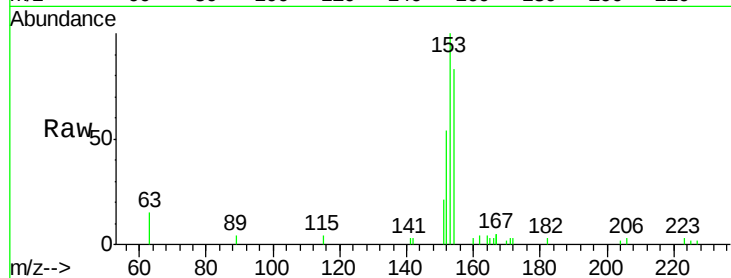




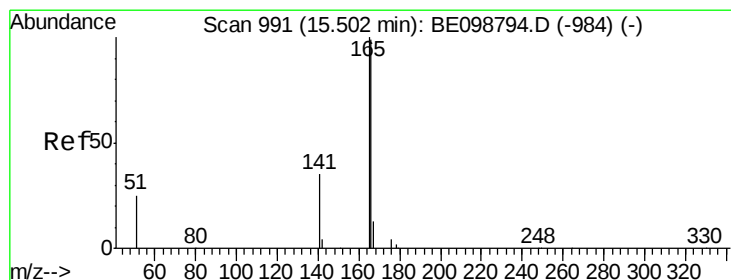
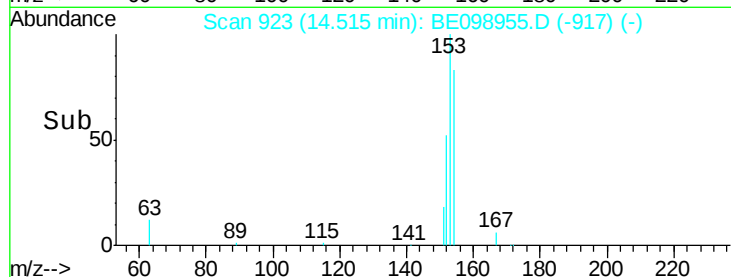
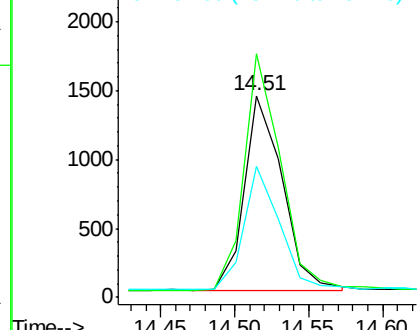
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tgt Ion:154 Resp: 2547
Ion Ratio Lower Upper
154 100
153 117.1 94.2 141.4
152 58.9 45.0 67.4

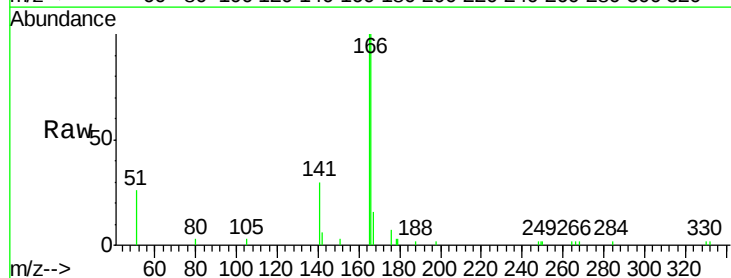


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

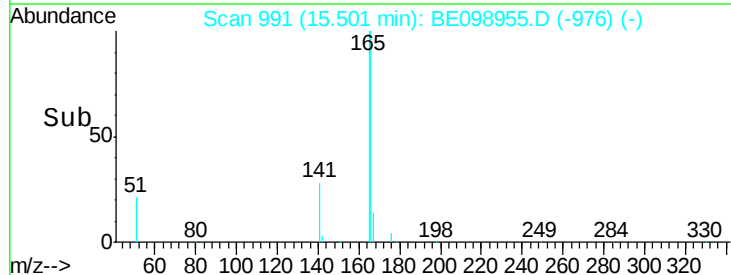
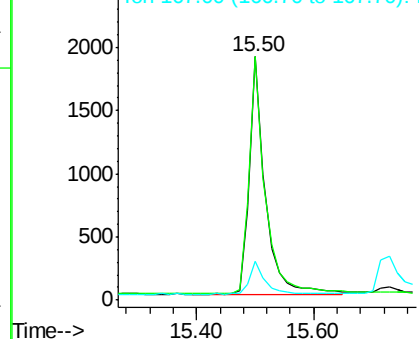


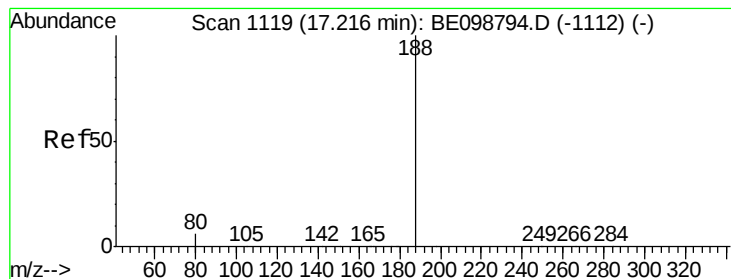
#18
Fluorene
Concen: 0.371 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Tgt Ion:166 Resp: 3535
Ion Ratio Lower Upper
166 100
165 99.7 79.3 118.9
167 13.4 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: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

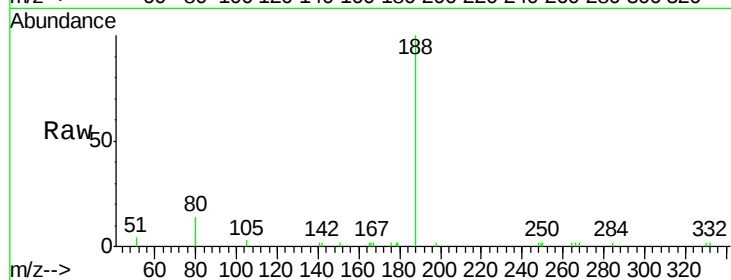
Tgt Ion:188 Resp: 5182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

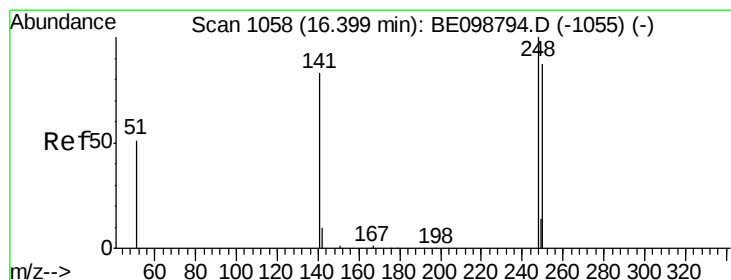
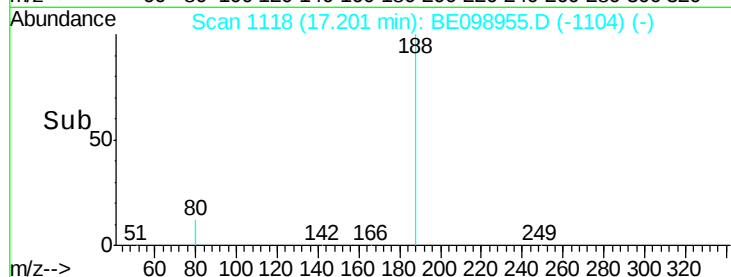
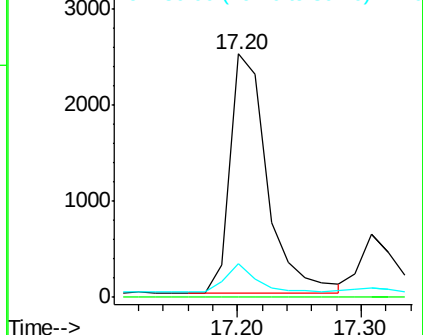
80 13.8 6.3 9.5#



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: 0.369 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

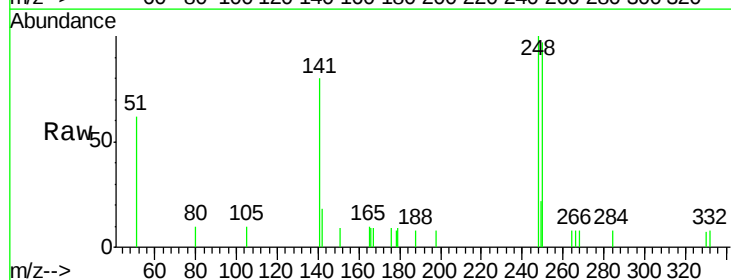
Tgt Ion:248 Resp: 1035

Ion Ratio Lower Upper

248 100

250 96.6 70.6 105.8

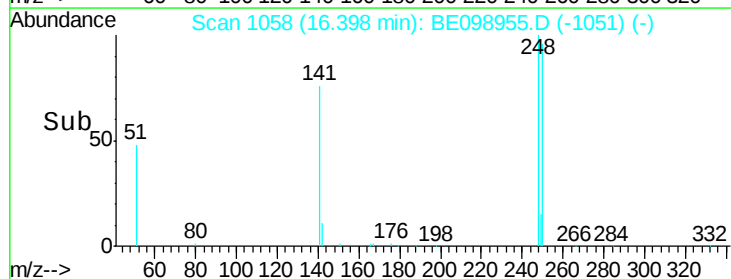
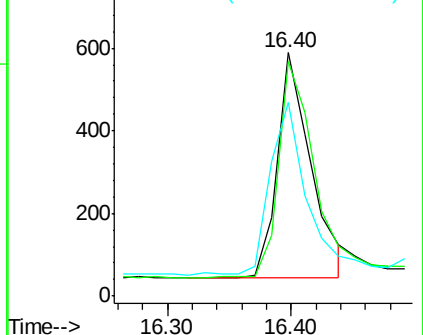
141 79.6 68.6 102.8

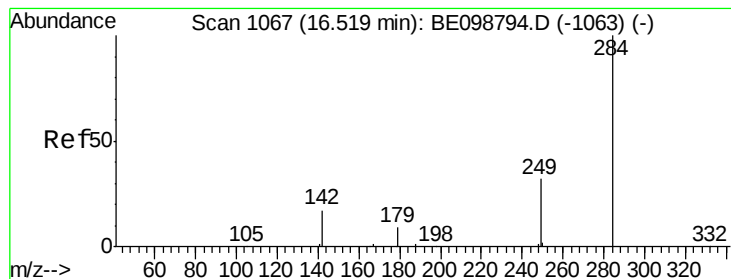


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

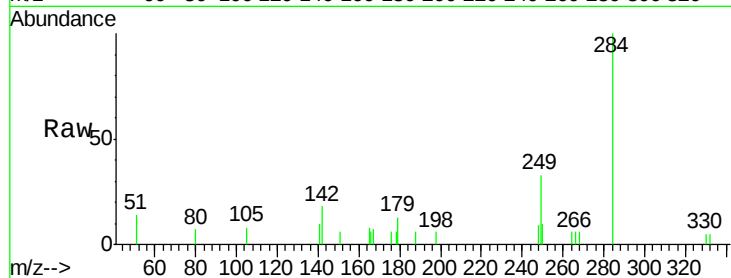
Tgt Ion:284 Resp: 1320

Ion Ratio Lower Upper

284 100

142 34.0 28.7 43.1

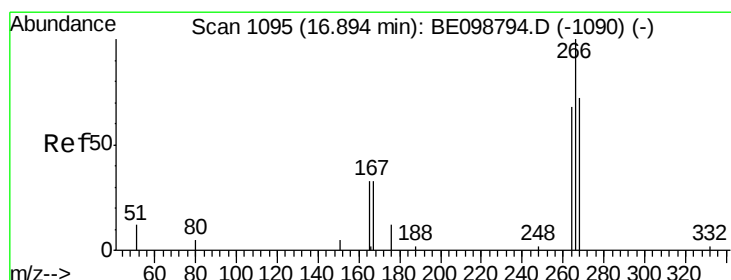
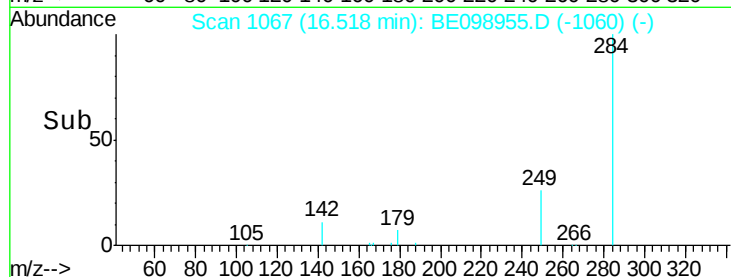
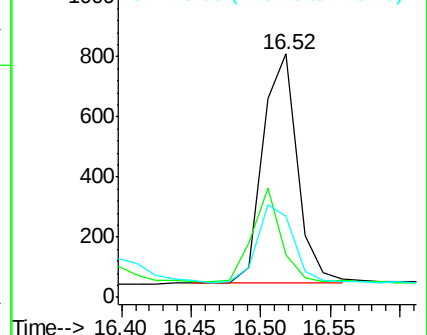
249 34.7 29.6 44.4



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: 0.854 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

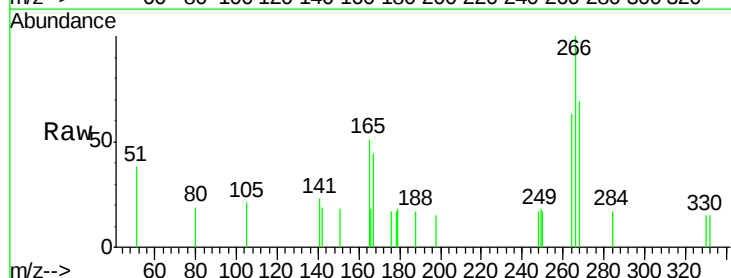
Tgt Ion:266 Resp: 670

Ion Ratio Lower Upper

266 100

264 63.4 66.6 100.0#

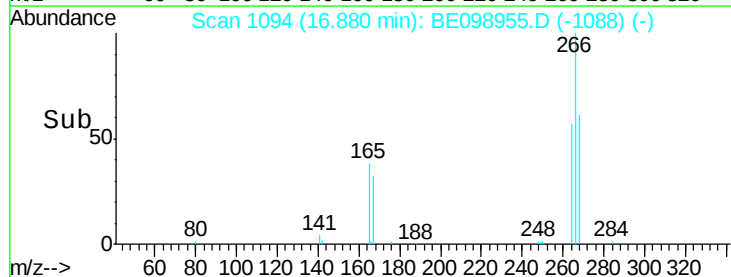
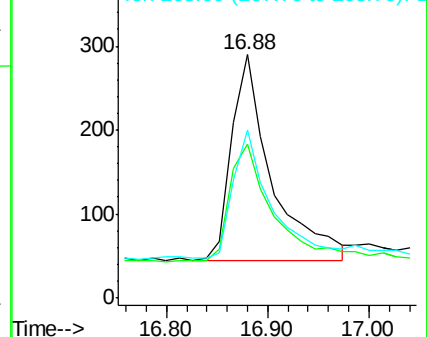
268 69.0 69.8 104.8#



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: 0.381 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

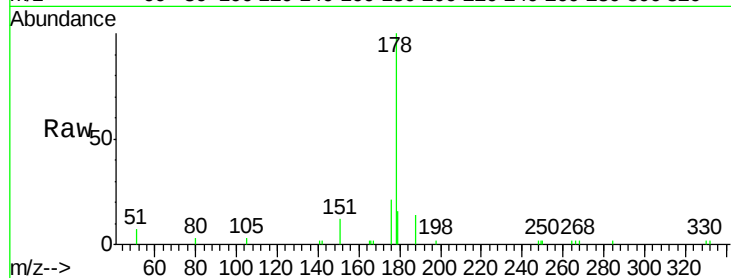
Tgt Ion:178 Resp: 5619

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

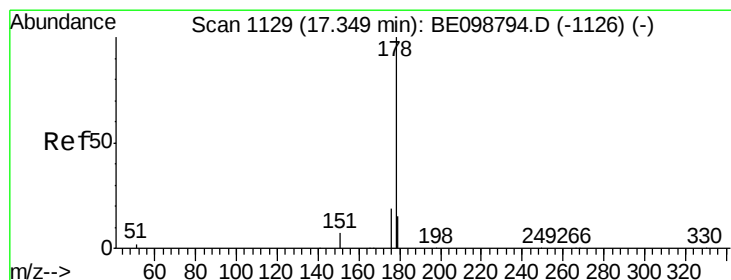
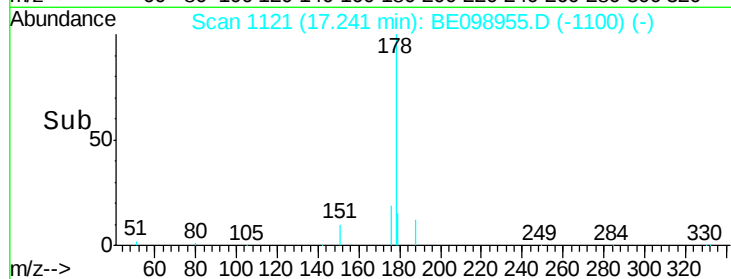
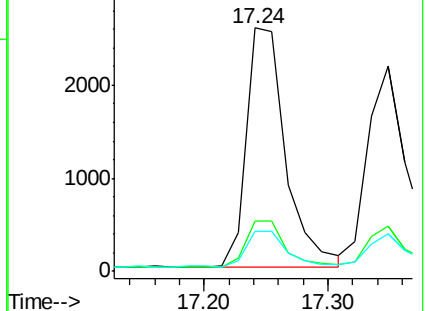
179 15.7 12.1 18.1



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: 0.351 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

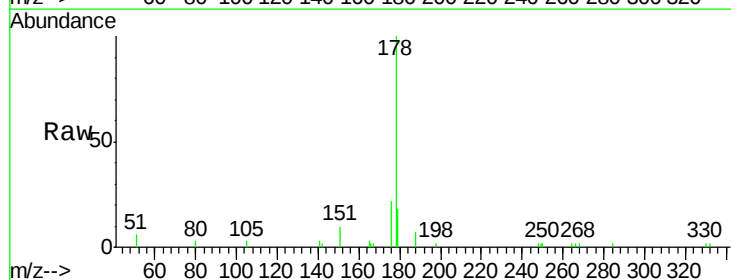
Tgt Ion:178 Resp: 4423

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

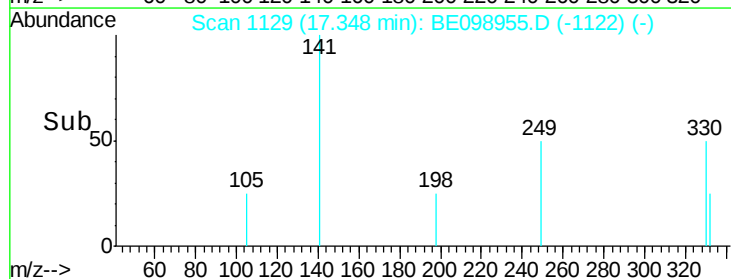
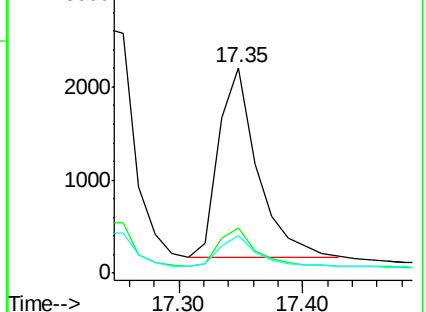
179 16.4 12.2 18.4

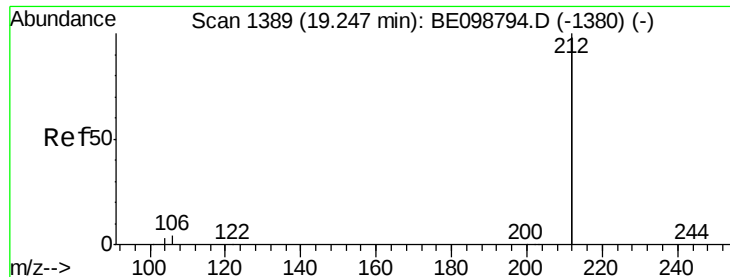


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

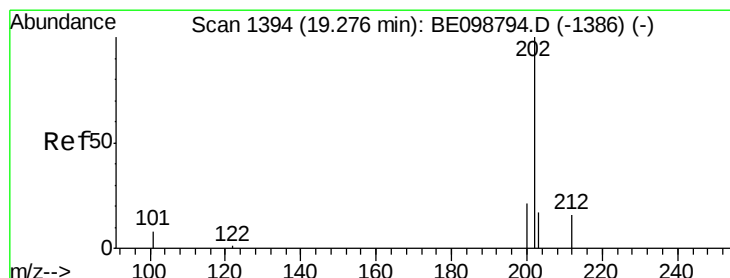
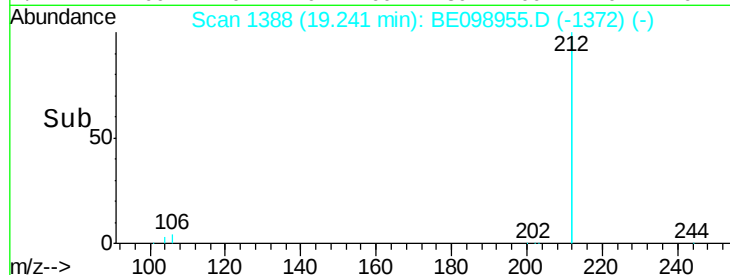
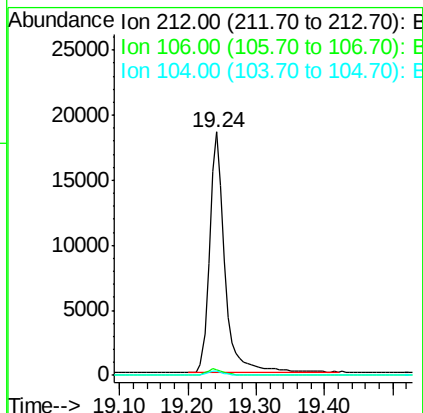
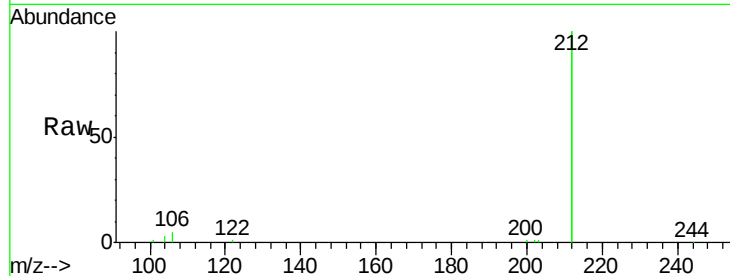
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tgt Ion:	212	Resp:	29343
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6



#26

Fluoranthene

Concen: 0.360 ng

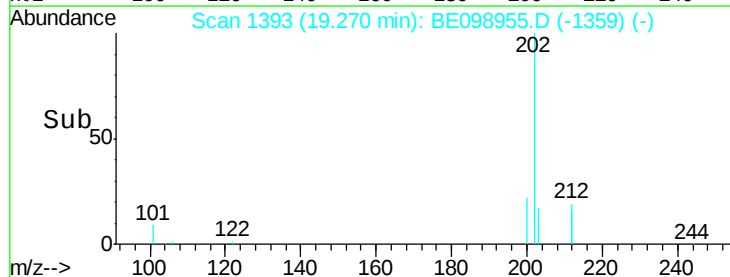
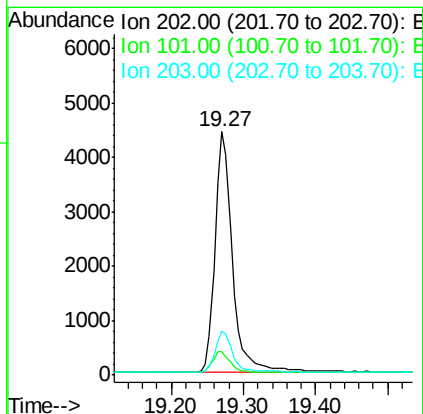
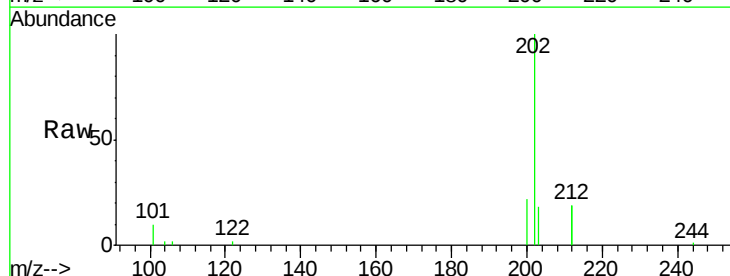
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Tgt Ion:	202	Resp:	7478
Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.1	13.4	20.2

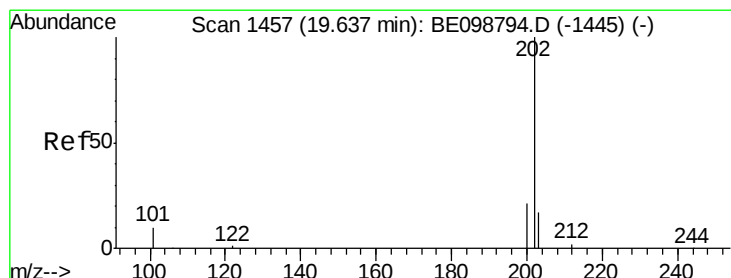
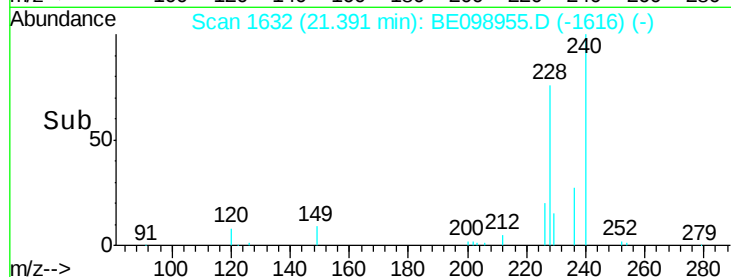
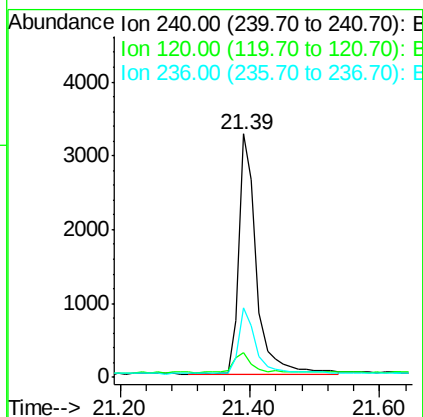
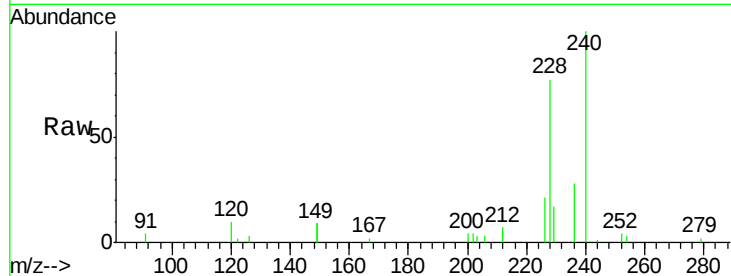




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE098955.D
 Acq: 14 Mar 2019 22:21

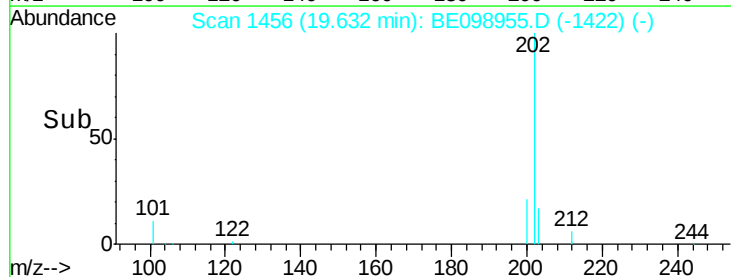
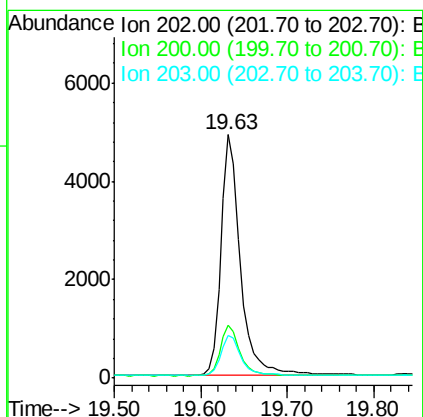
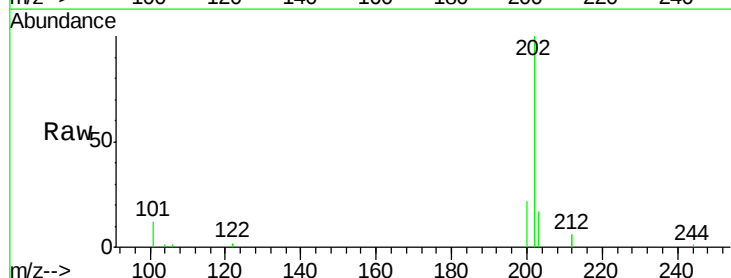
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

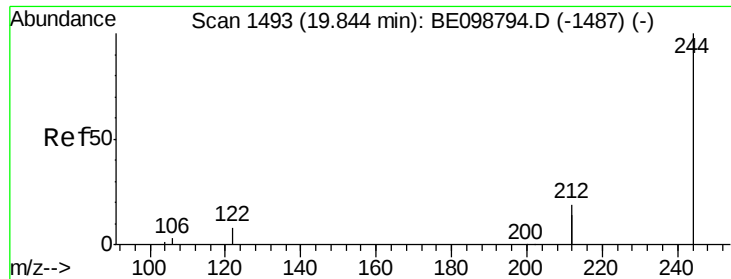
Tgt Ion:240 Resp: 6156
 Ion Ratio Lower Upper
 240 100
 120 9.9 5.0 7.4#
 236 28.4 22.7 34.1



#28
 Pyrene
 Concen: 0.409 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE098955.D
 Acq: 14 Mar 2019 22:21

Tgt Ion:202 Resp: 7705
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.0 25.6
 203 17.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

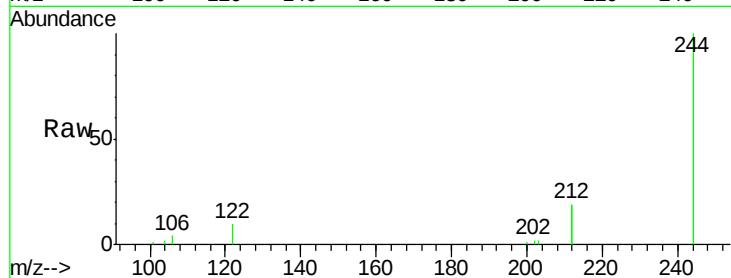
Tgt Ion:244 Resp: 6297

Ion Ratio Lower Upper

244 100

212 39.0 29.4 44.2

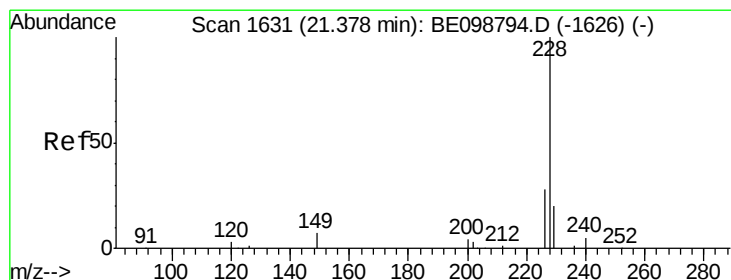
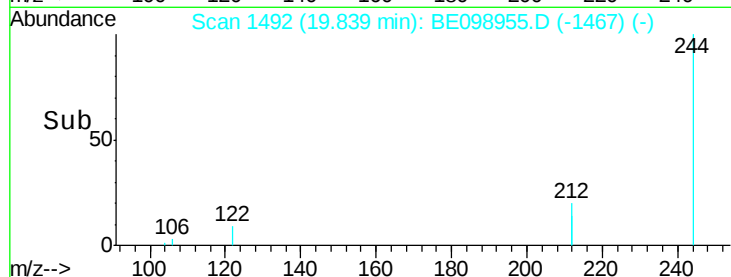
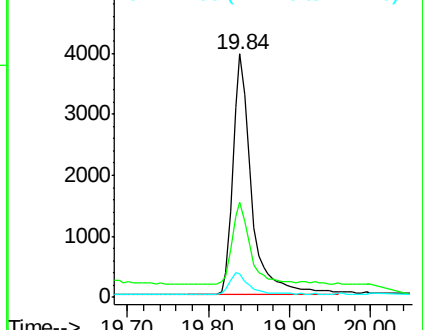
122 9.9 7.1 10.7



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: 0.359 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

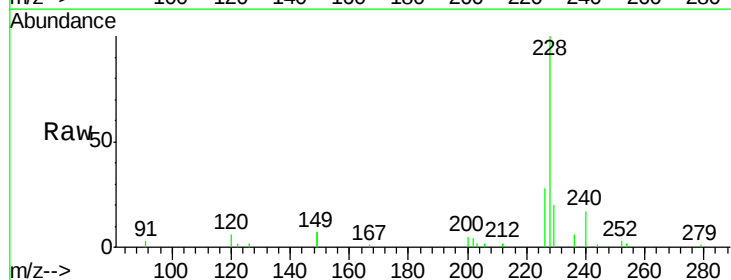
Tgt Ion:228 Resp: 6905

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

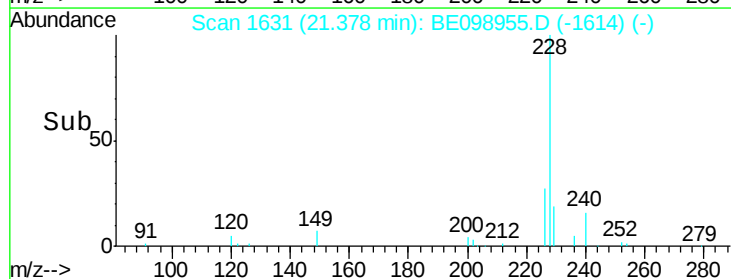
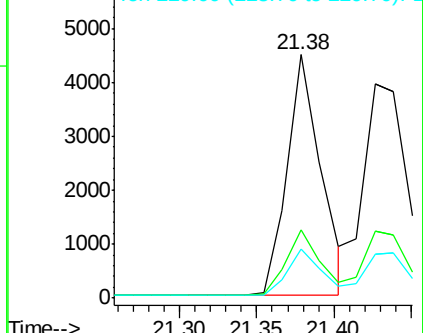
229 20.1 16.5 24.7

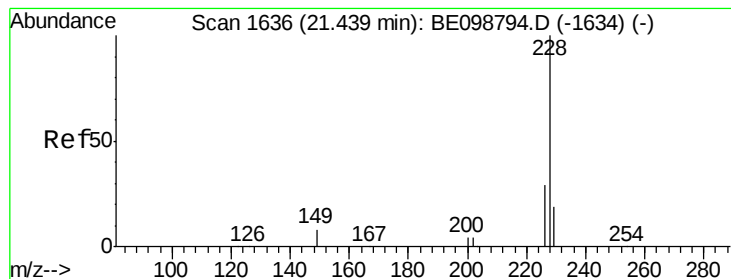


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

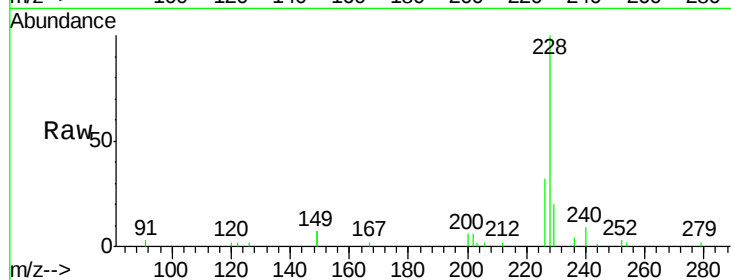
Tgt Ion: 228 Resp: 7940

Ion Ratio Lower Upper

228 100

226 31.5 23.7 35.5

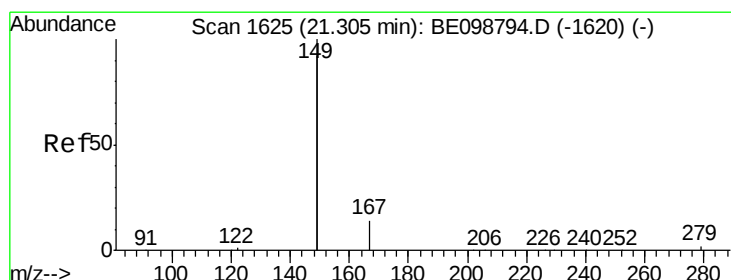
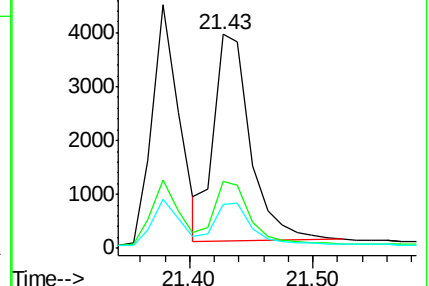
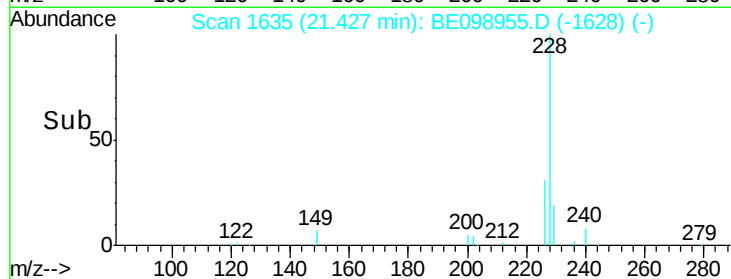
229 20.4 16.1 24.1



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: 0.365 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

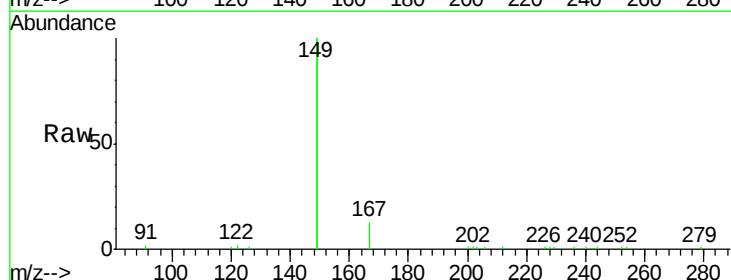
Tgt Ion: 149 Resp: 14940

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

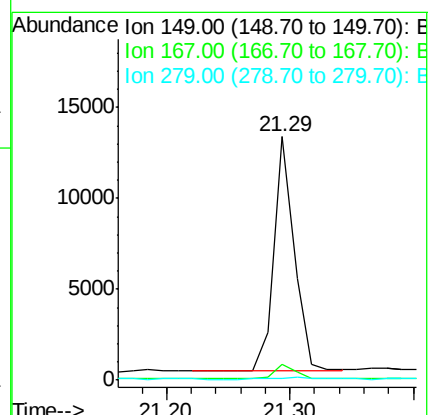
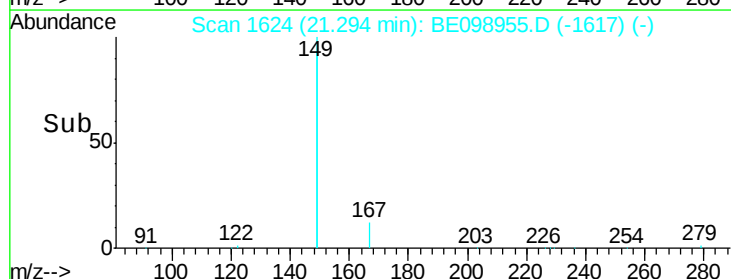
279 1.2 1.0 1.4



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: 0.338 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

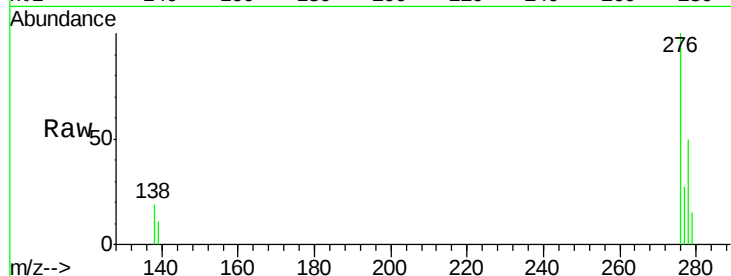
Tgt Ion:276 Resp: 7343

Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.8

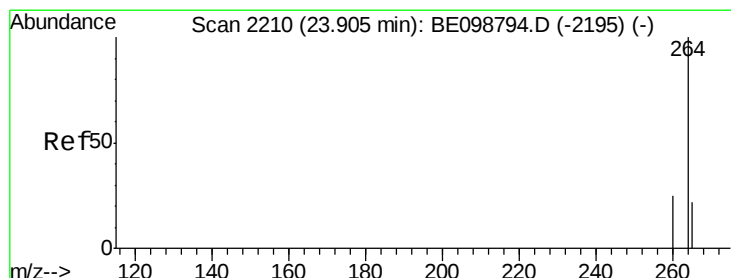
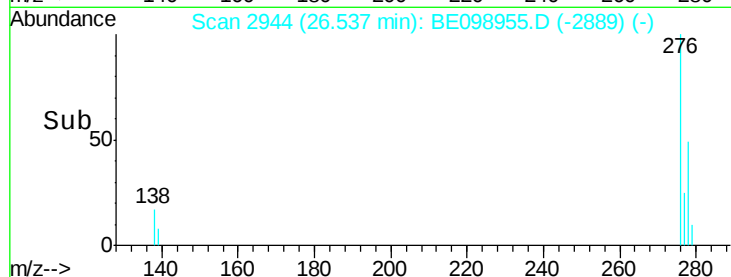
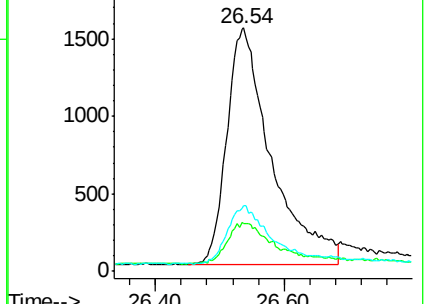
277 23.3 19.5 29.3



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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

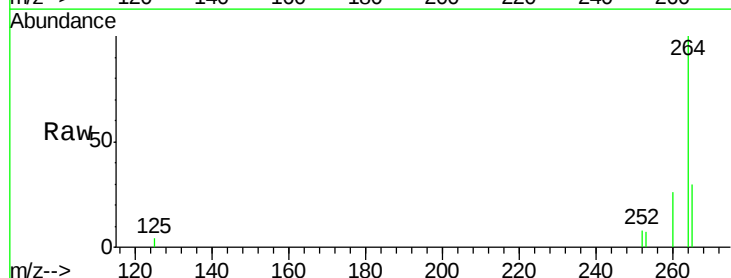
Tgt Ion:264 Resp: 5832

Ion Ratio Lower Upper

264 100

260 25.6 21.2 31.8

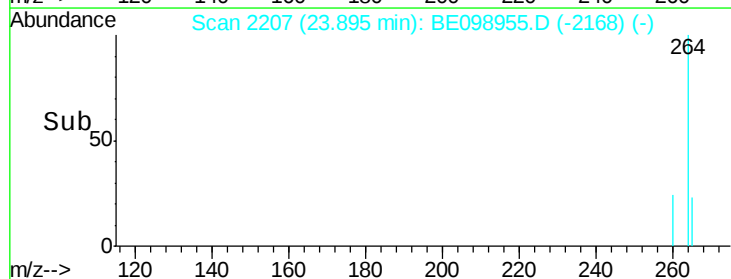
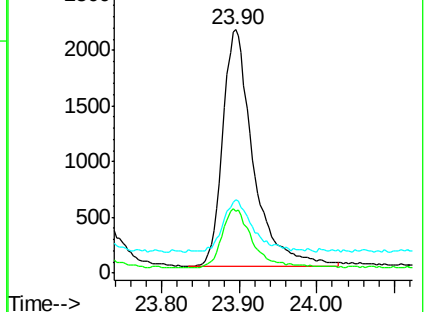
265 30.3 24.6 36.8



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

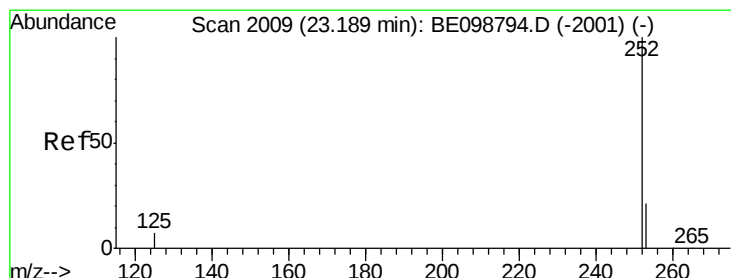
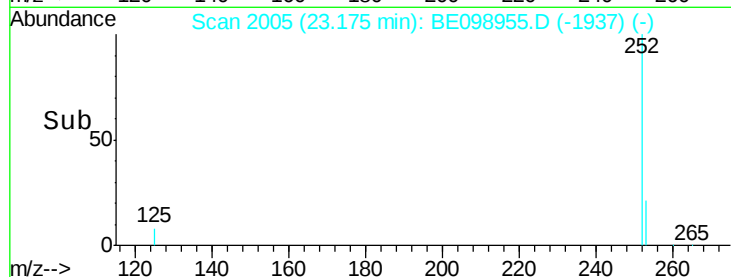
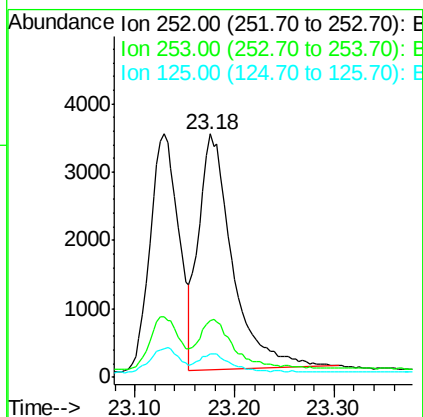
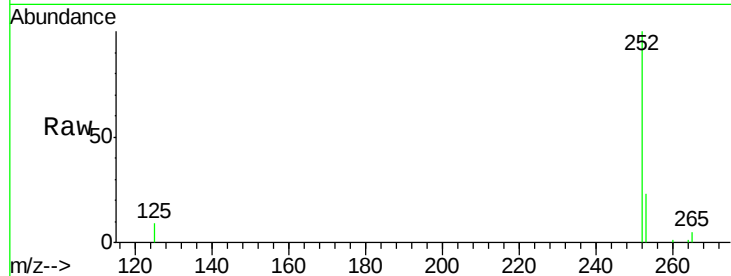




#35
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

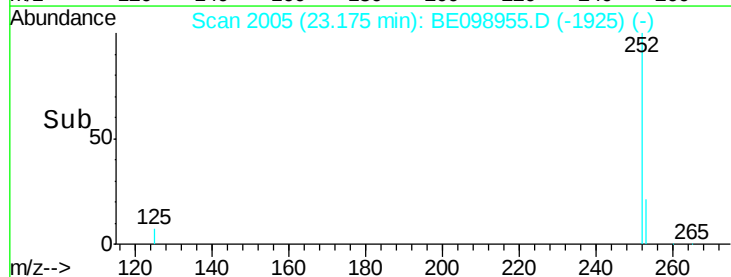
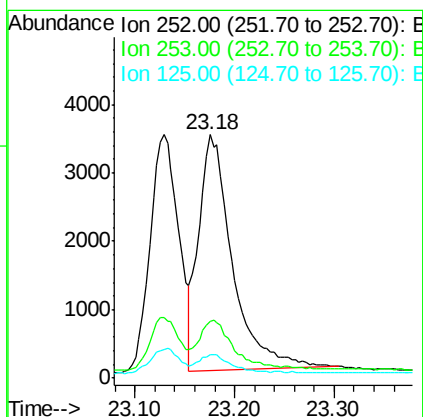
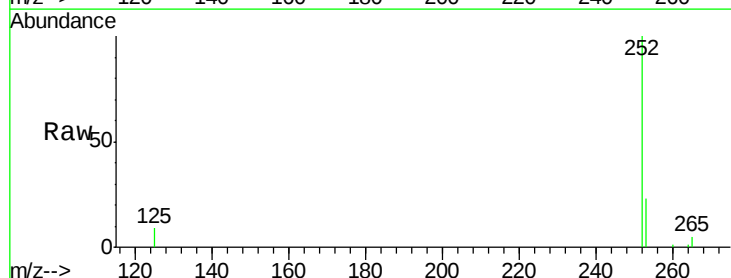
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tgt Ion:252 Resp: 8113
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.5 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098955.D
Acq: 14 Mar 2019 22:21

Tgt Ion:252 Resp: 8113
Ion Ratio Lower Upper
252 100
253 23.2 19.3 28.9
125 9.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

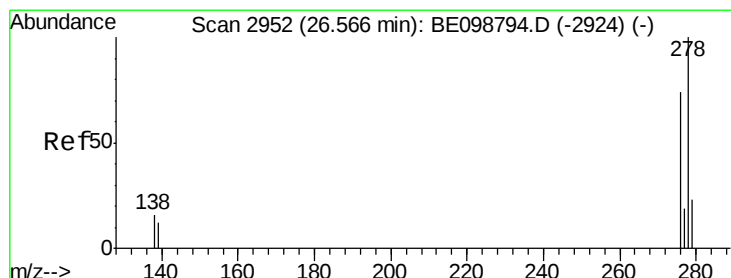
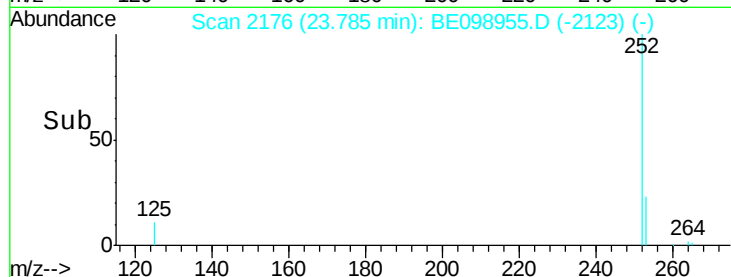
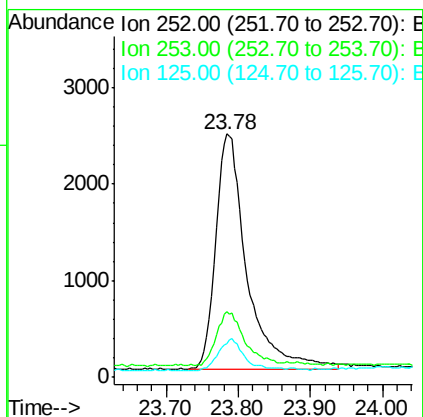
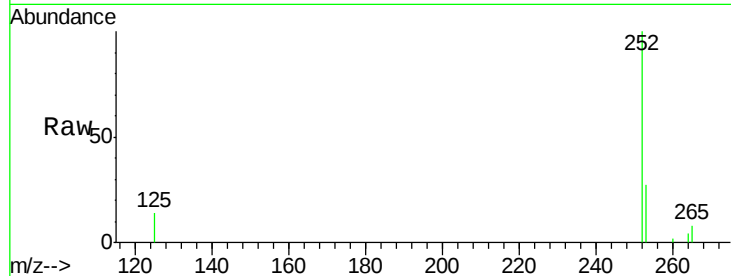
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tgt Ion:	252	Resp:	7337
Ion Ratio	Lower	Upper	
252	100		
253	26.9	19.9	29.9
125	13.7	9.0	13.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.287 ng

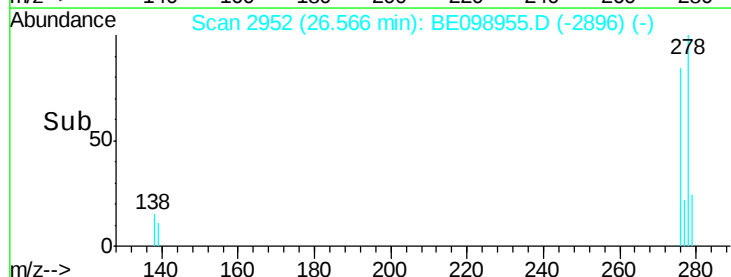
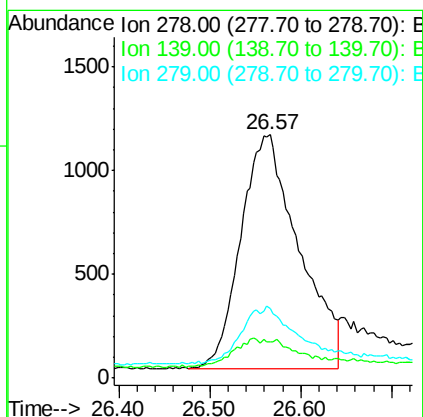
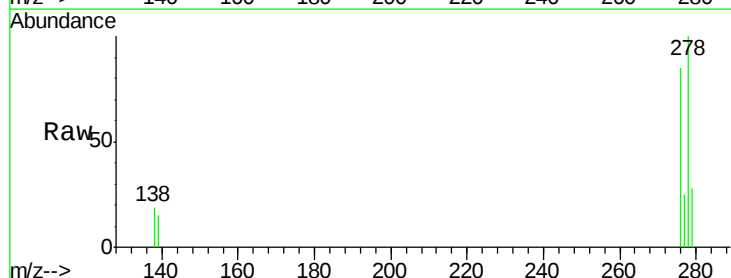
RT: 26.57 min Scan# 2952

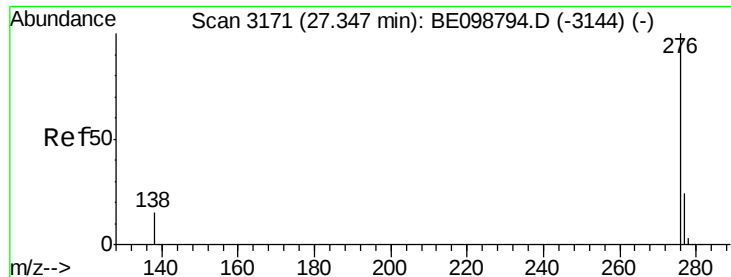
Delta R.T. 0.00 min

Lab File: BE098955.D

Acq: 14 Mar 2019 22:21

Tgt Ion:	278	Resp:	4996
Ion Ratio	Lower	Upper	
278	100		
139	14.9	11.8	17.6
279	28.5	21.1	31.7





#39

Benzo(g,h,i)perylene

Concen: 0.361 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098955.D

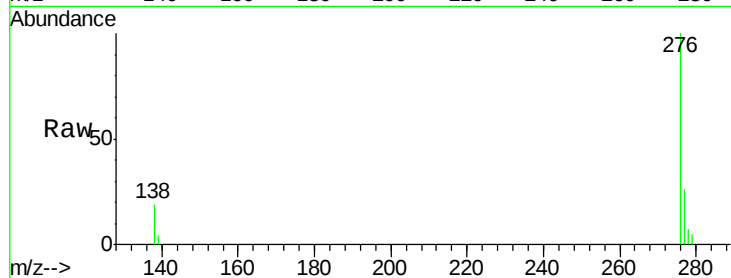
Acq: 14 Mar 2019 22:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MSD



Tgt Ion: 276 Resp: 6573

Ion Ratio Lower Upper

276 100

277 25.7 20.4 30.6

138 19.0 13.6 20.4

