

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098954.D
 Acq On : 14 Mar 2019 21:45
 Operator : JU/SJ
 Sample : K1882-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 15 05:32:59 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	767	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3568	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2279	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5677	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6394	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6213	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	359	0.16	ng	0.02
5) Phenol-d6	7.01	99	303	0.09	ng	0.02
8) Nitrobenzene-d5	8.98	82	1398	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2985	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	432	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4936	0.52	ng	-0.01
25) Fluoranthene-d10	19.24	212	30132	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	7282	0.47	ng	0.00

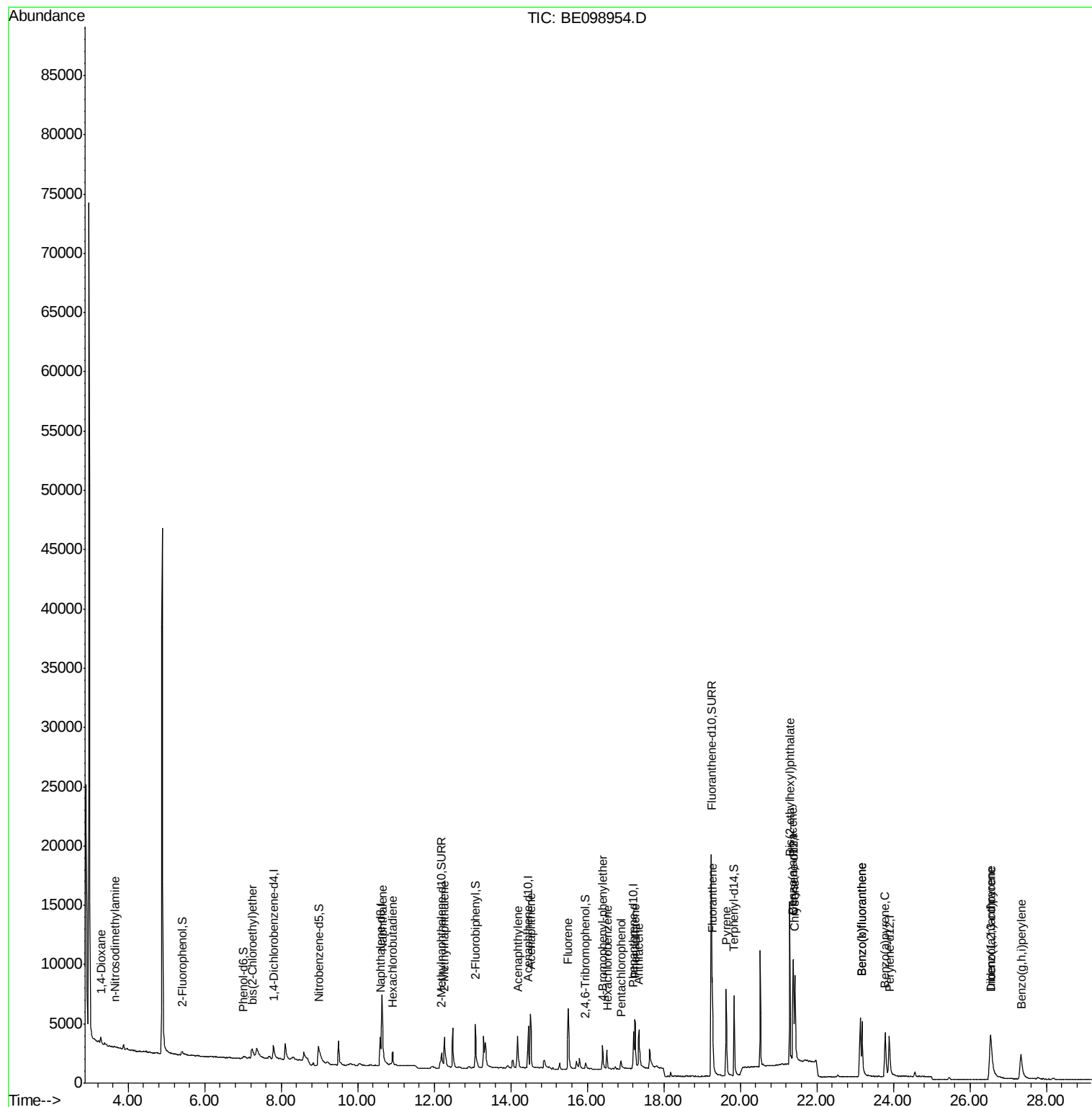
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	369	0.208	ng	# 57
3) n-Nitrosodimethylamine	3.67	42	145	0.075	ng	# 75
6) bis(2-Chloroethyl)ether	7.24	93	701	0.280	ng	# 65
9) Naphthalene	10.64	128	14940	0.366	ng	99
10) Hexachlorobutadiene	10.91	225	869	0.321	ng	99
12) 2-Methylnaphthalene	12.27	142	2507	0.378	ng	97
16) Acenaphthylene	14.18	152	4196	0.358	ng	98
17) Acenaphthene	14.51	154	2576	0.370	ng	98
18) Fluorene	15.50	166	3588	0.358	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1068	0.347	ng	94
21) Hexachlorobenzene	16.52	284	1352	0.370	ng	97
22) Pentachlorophenol	16.88	266	672	0.804	ng	# 86
23) Phenanthrene	17.26	178	5846	0.362	ng	100
24) Anthracene	17.35	178	4738	0.344	ng	99
26) Fluoranthene	19.27	202	7749	0.340	ng	98
28) Pyrene	19.63	202	7936	0.406	ng	99
30) Benzo(a)anthracene	21.38	228	7151	0.358	ng	98
31) Chrysene	21.43	228	8342	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	14349	0.338	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	8059	0.358	ng	99
35) Benzo(b)fluoranthene	23.17	252	8447	0.413	ng	98
36) Benzo(k)fluoranthene	23.17	252	8690	0.406	ng	99
37) Benzo(a)pyrene	23.78	252	7414	0.379	ng	# 92
38) Dibenzo(a,h)anthracene	26.55	278	6081	0.328	ng	96
39) Benzo(g,h,i)perylene	27.34	276	7033	0.363	ng	98

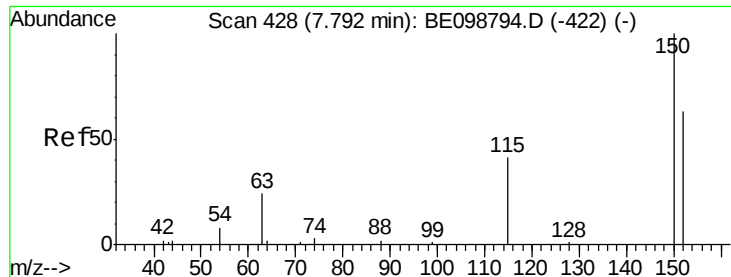
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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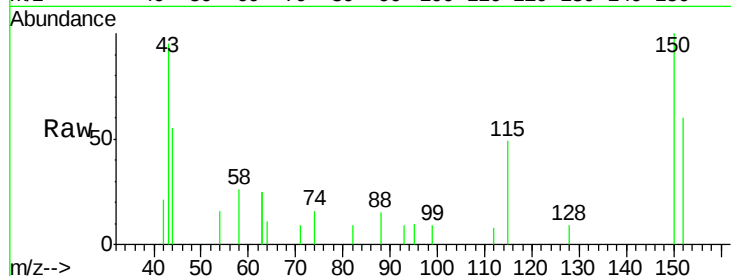


#1

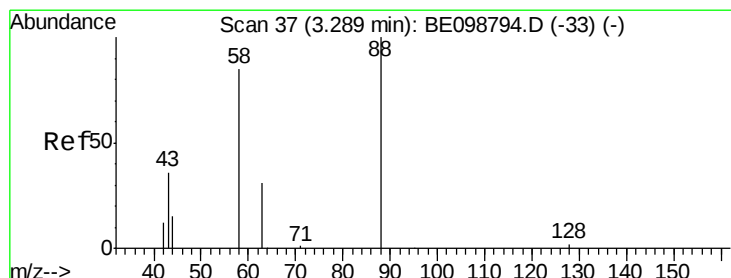
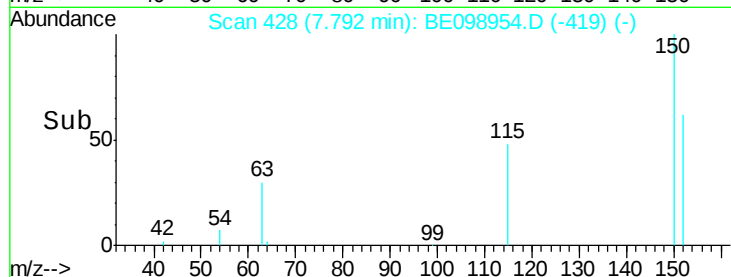
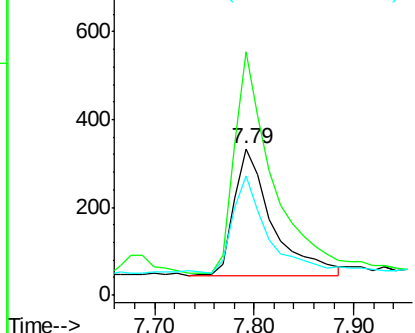
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

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

Tgt Ion: 152 Resp: 767
Ion Ratio Lower Upper
152 100
150 166.4 122.5 183.7
115 82.0 57.4 86.2



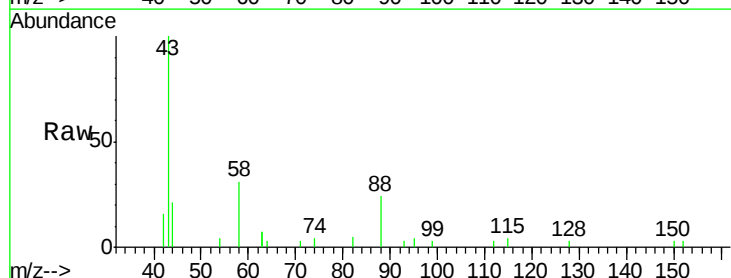
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



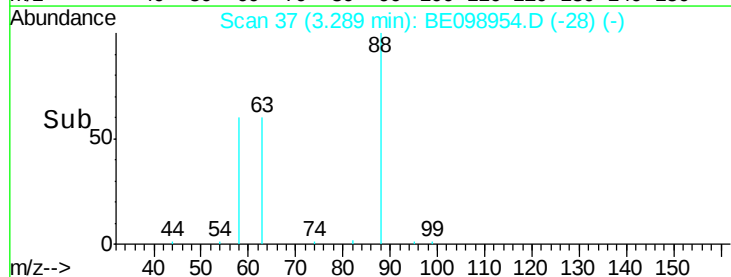
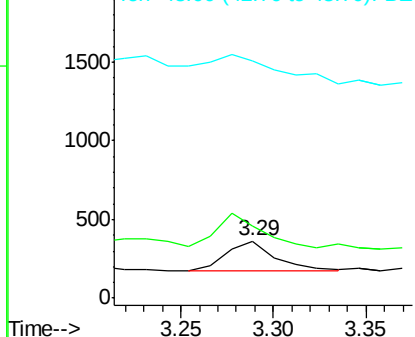
#2

1,4-Dioxane
Concen: 0.208 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

Tgt Ion: 88 Resp: 369
Ion Ratio Lower Upper
88 100
58 98.9 75.8 113.6
43 131.2 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



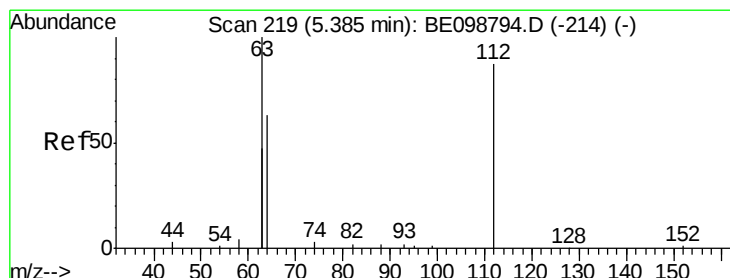
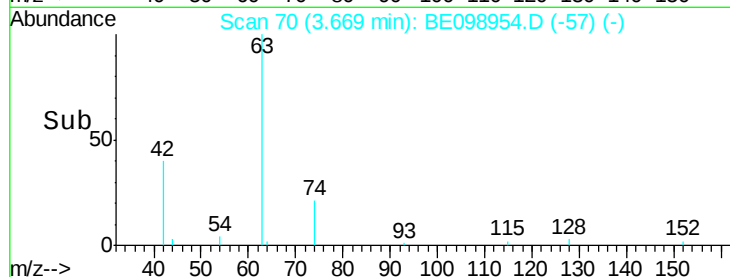
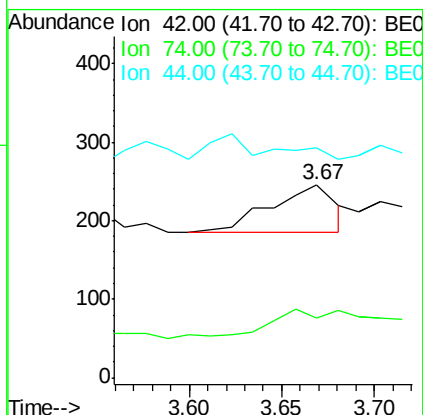
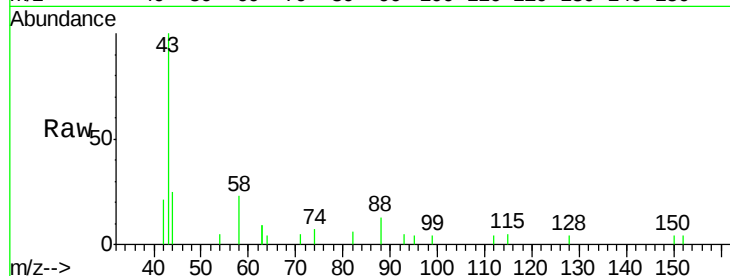


#3

n-Nitrosodimethylamine
 Concen: 0.075 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.05 min
 Lab File: BE098954.D
 Acq: 14 Mar 2019 21:45

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

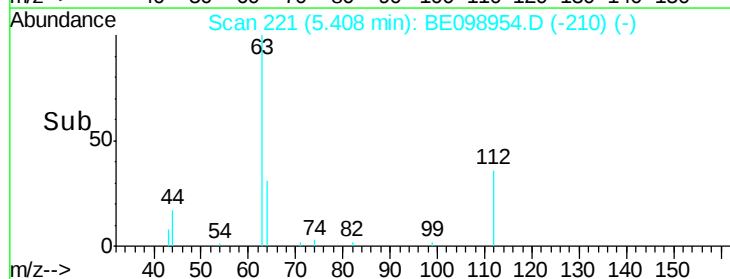
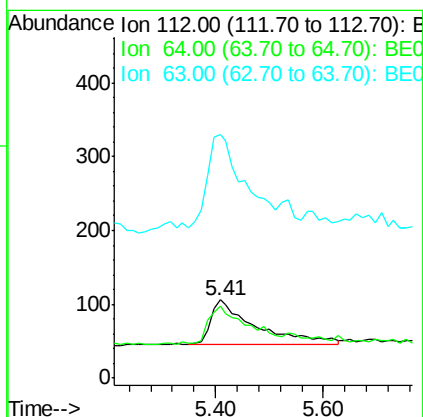
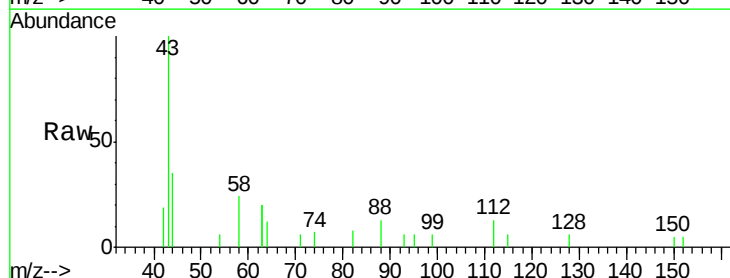
Tgt Ion: 42 Resp: 145
 Ion Ratio Lower Upper
 42 100
 74 50.3 57.0 85.4#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098954.D
 Acq: 14 Mar 2019 21:45

Tgt Ion: 112 Resp: 359
 Ion Ratio Lower Upper
 112 100
 64 73.0 57.9 86.9
 63 166.3 158.3 237.5





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

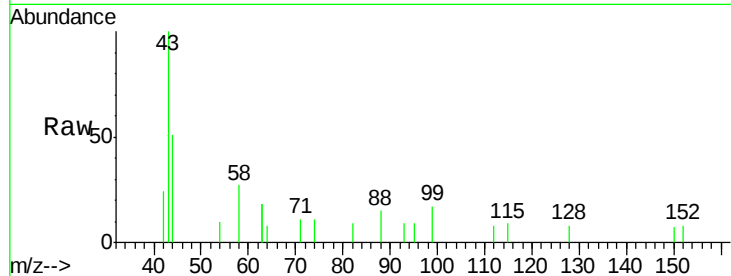
BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tgt Ion: 99 Resp: 303

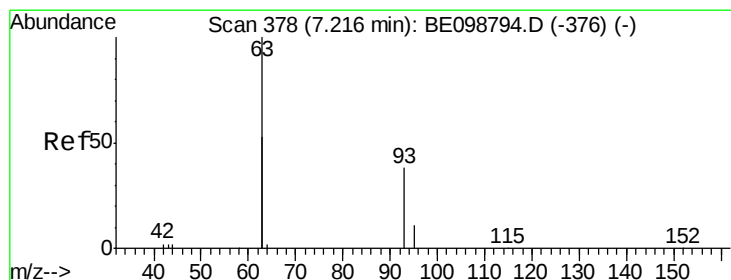
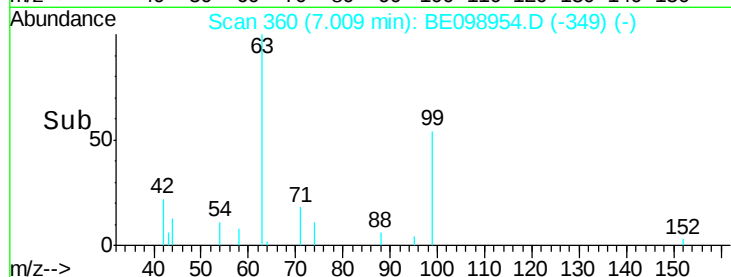
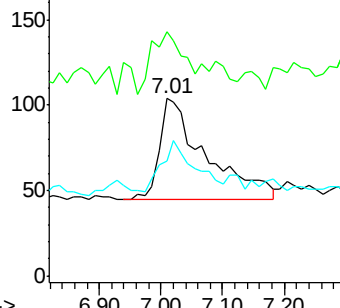
Ion	Ratio	Lower	Upper
99	100		
42	44.6	24.2	36.2#
71	37.0	35.7	53.5



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: 0.280 ng

RT: 7.24 min Scan# 380

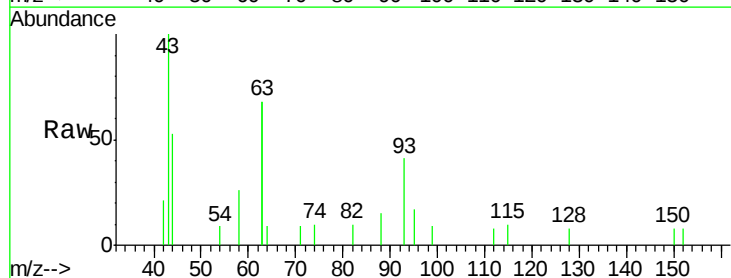
Delta R.T. 0.02 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Tgt Ion: 93 Resp: 701

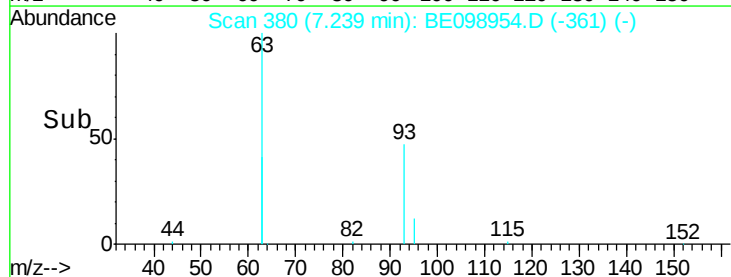
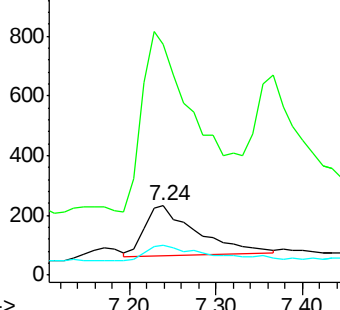
Ion	Ratio	Lower	Upper
93	100		
63	382.5	247.5	371.3#
95	37.5	21.8	32.8#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tgt Ion: 136 Resp: 3568

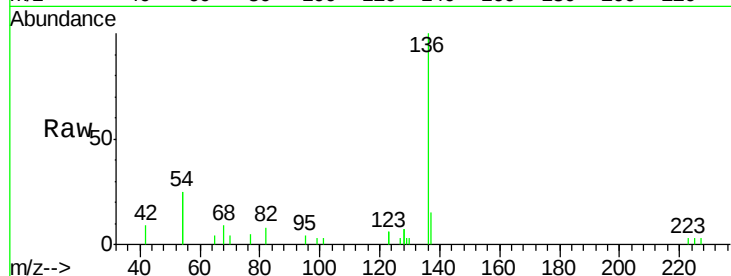
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 50.9 39.3 58.9

68 9.0 6.7 10.1

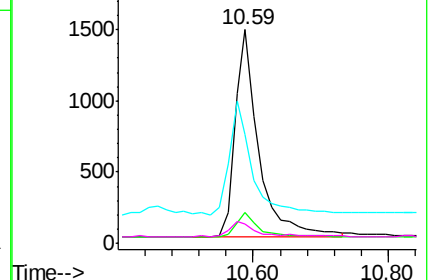
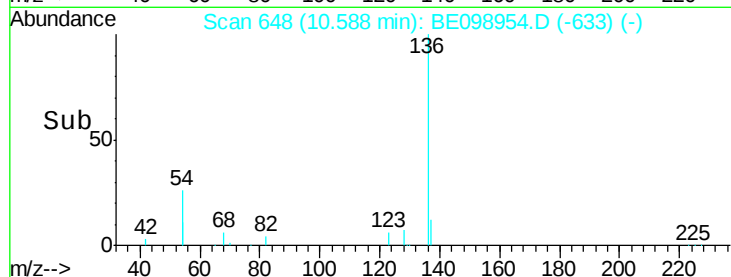


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

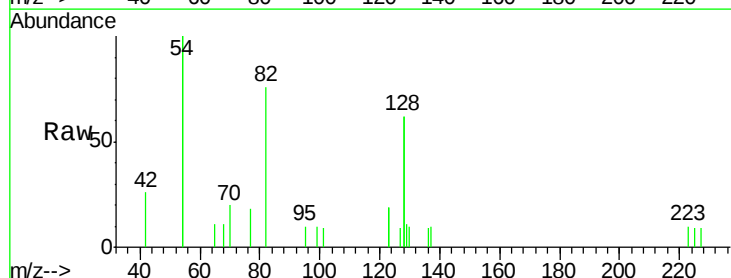
Tgt Ion: 82 Resp: 1398

Ion Ratio Lower Upper

82 100

128 162.8 123.8 185.8

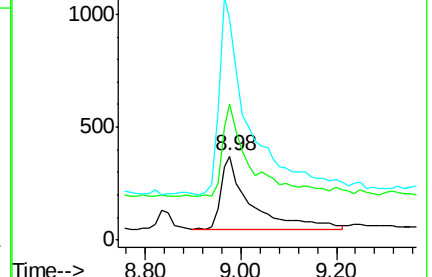
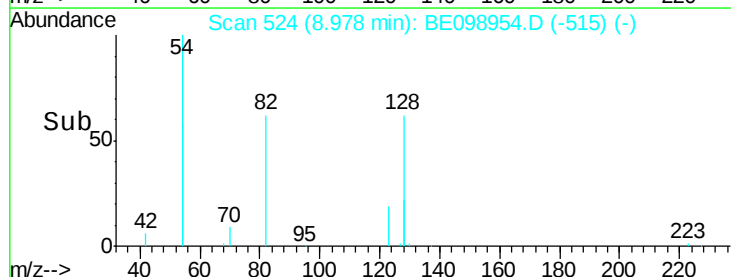
54 263.6 203.4 305.2



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: 0.366 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

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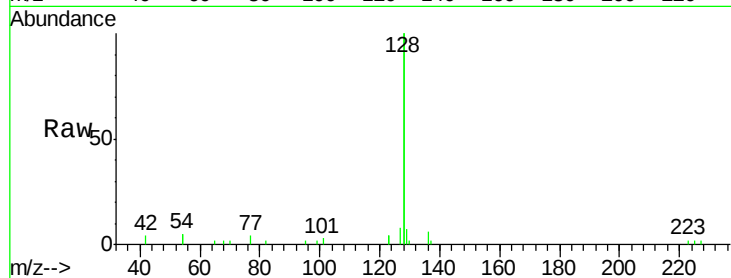
Tgt Ion:128 Resp: 14940

Ion Ratio Lower Upper

128 100

129 3.7 2.6 4.0

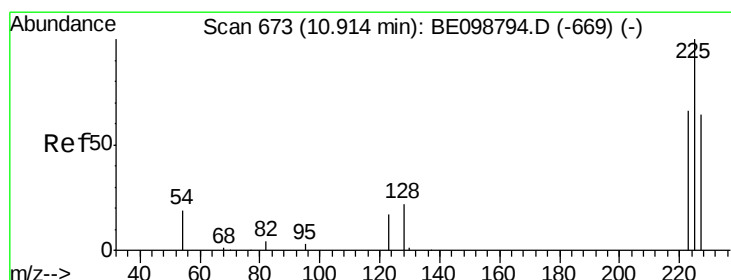
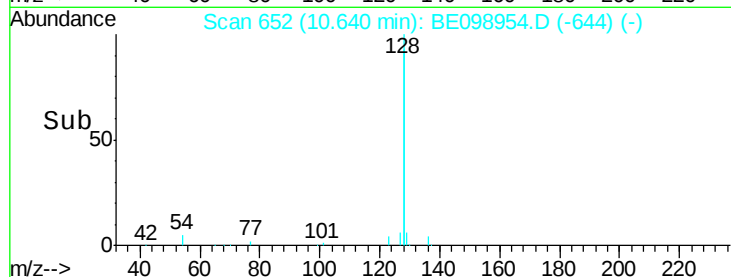
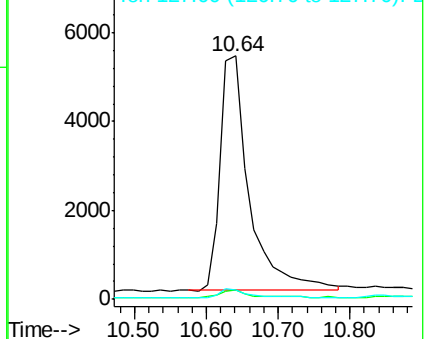
127 3.9 3.1 4.7



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: 0.321 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

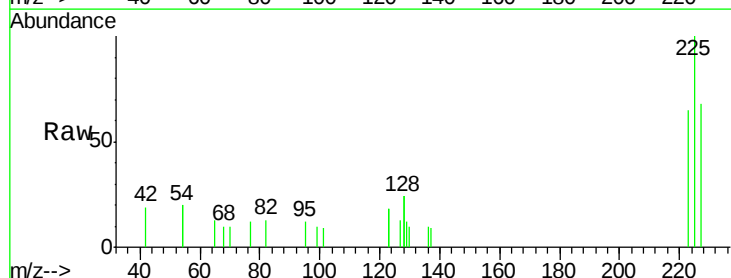
Tgt Ion:225 Resp: 869

Ion Ratio Lower Upper

225 100

223 63.4 51.1 76.7

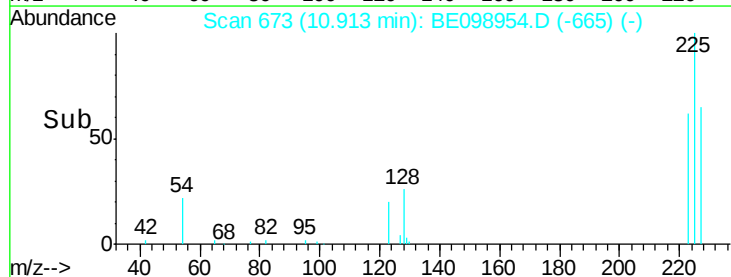
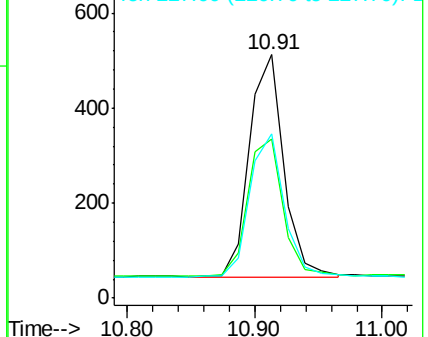
227 65.2 51.6 77.4



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: 0.453 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

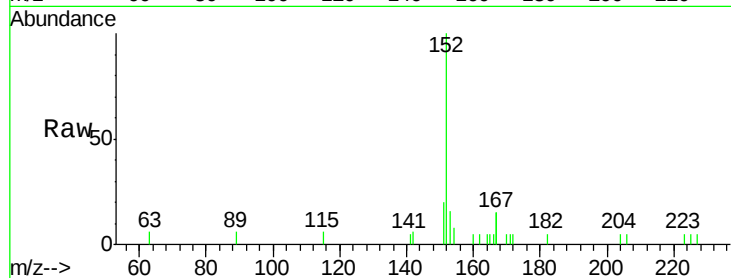
BPS1-TT-MW304D-20190312MS

Tgt Ion:152 Resp: 2985

Ion Ratio Lower Upper

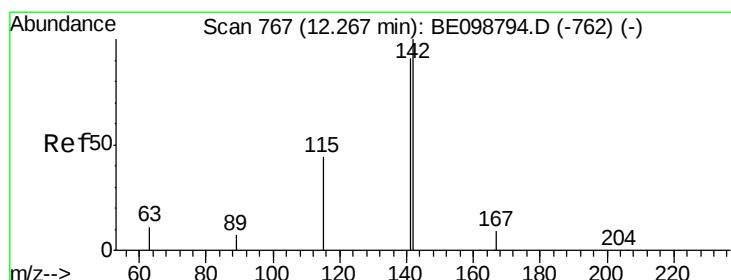
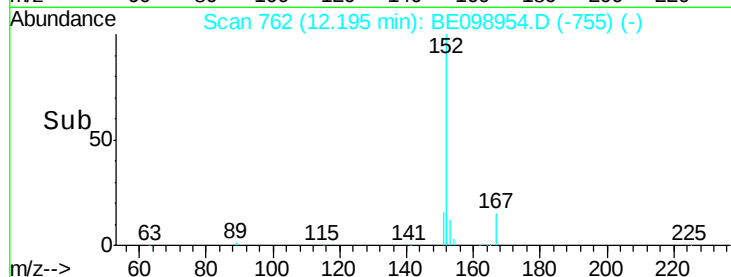
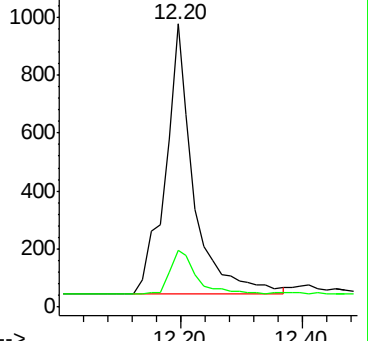
152 100

151 16.1 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: 0.378 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

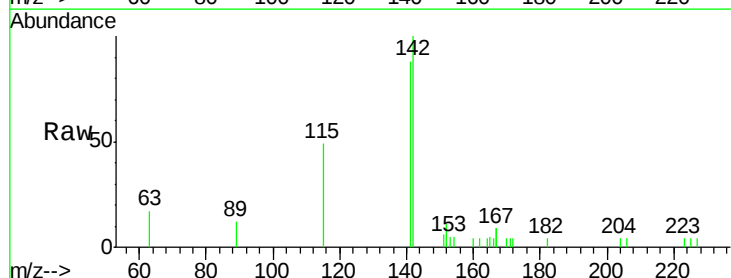
Tgt Ion:142 Resp: 2507

Ion Ratio Lower Upper

142 100

141 87.7 72.6 108.8

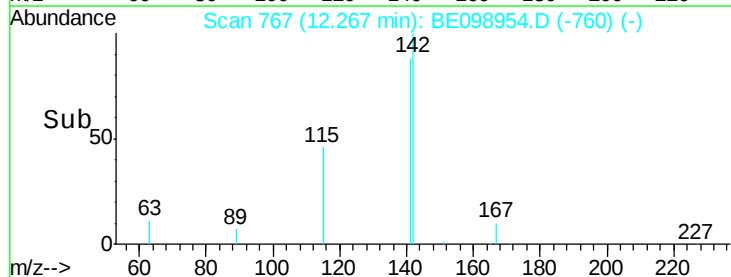
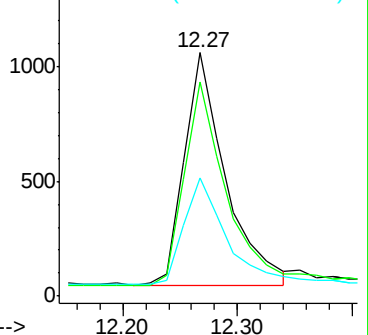
115 48.7 37.4 56.2

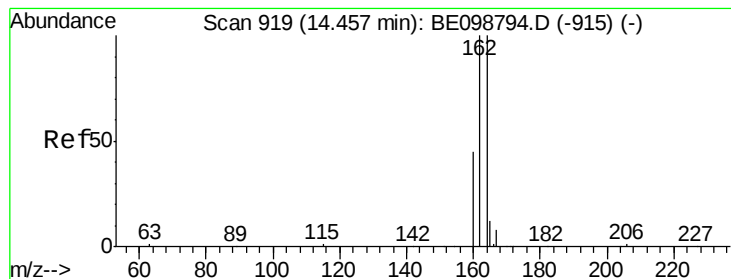


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

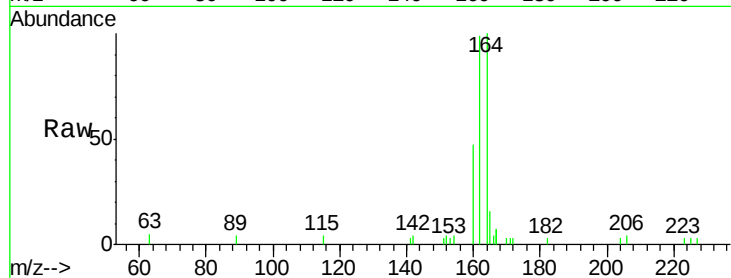
Tgt Ion:164 Resp: 2279

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

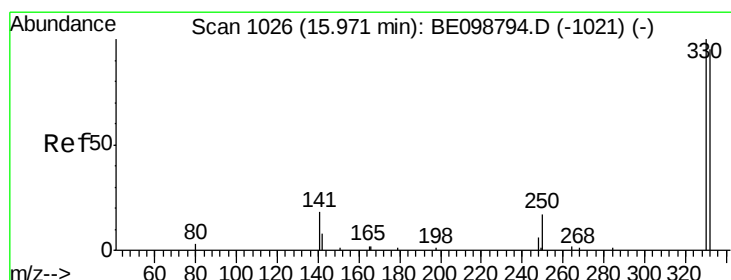
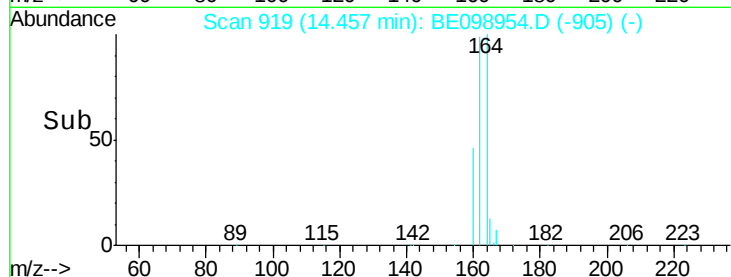
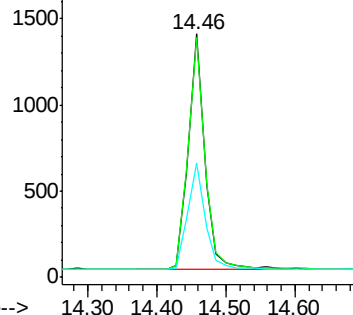
160 47.2 37.8 56.8



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: 0.376 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

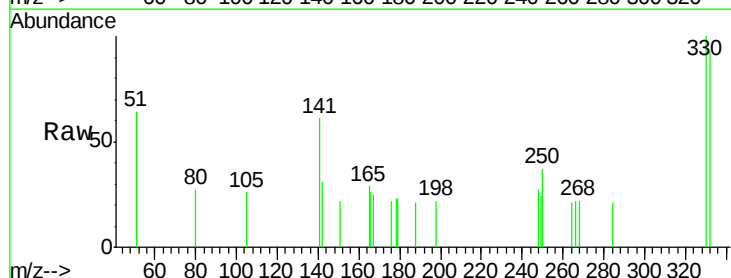
Tgt Ion:330 Resp: 432

Ion Ratio Lower Upper

330 100

332 98.8 77.6 116.4

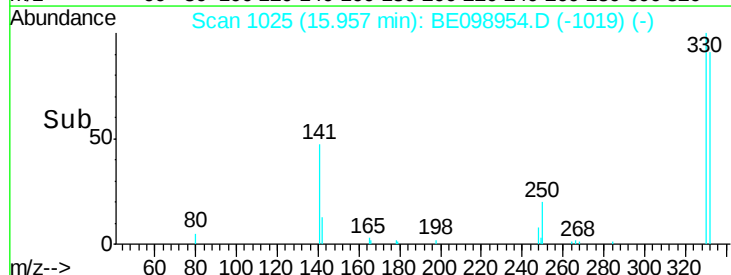
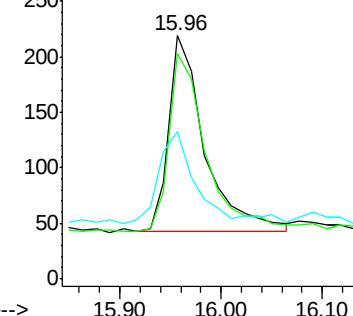
141 49.5 31.0 46.4#

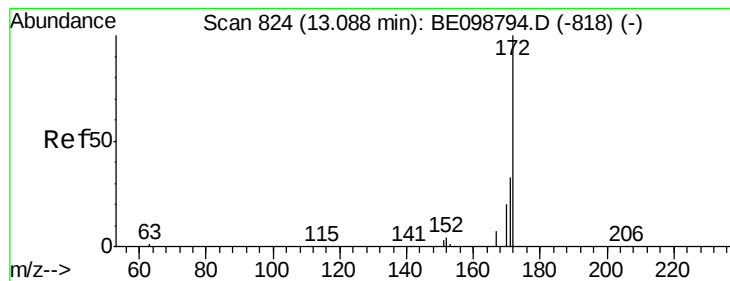


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

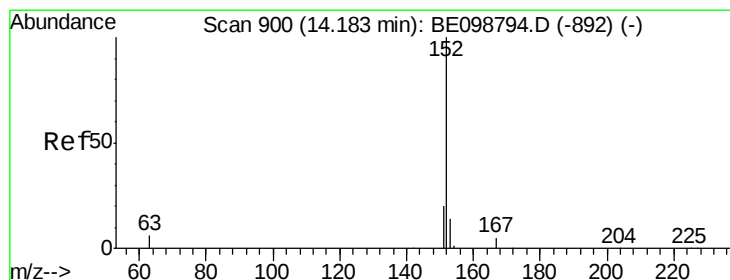
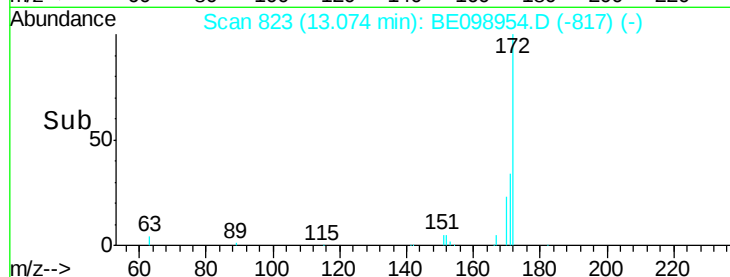
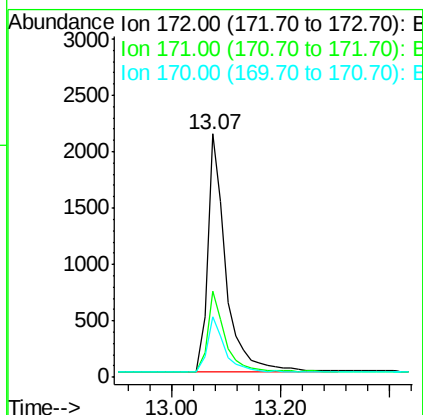
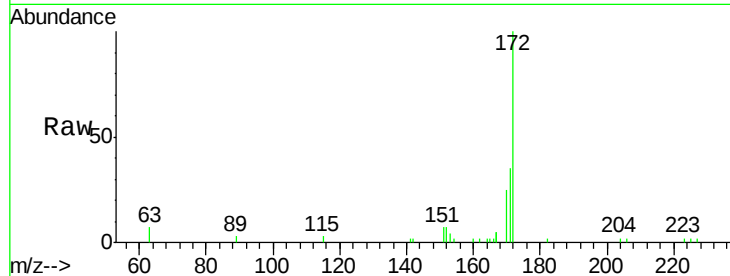




#15
2-Fluorobiphenyl
Concen: 0.523 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

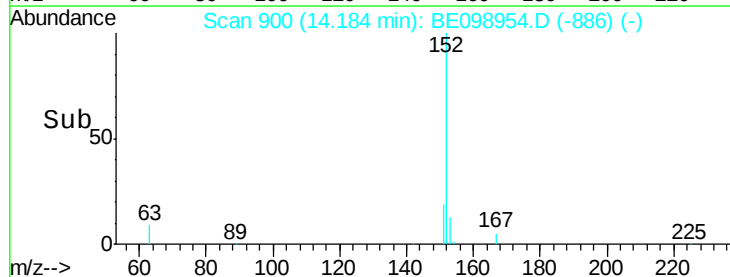
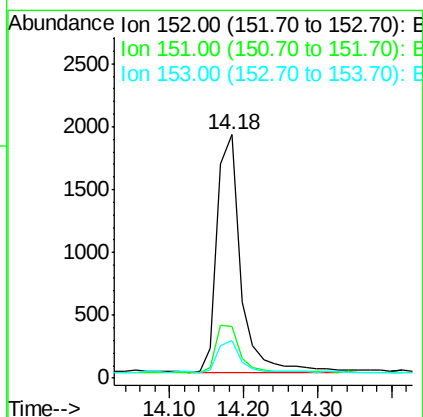
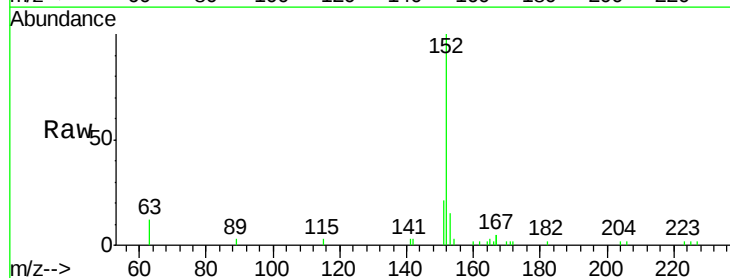
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MS

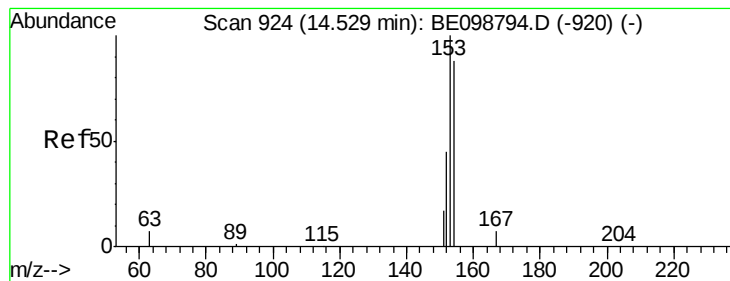
Tgt Ion:172 Resp: 4936
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

Tgt Ion:152 Resp: 4196
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6
153 13.4 11.2 16.8





#17

Acenaphthene

Concen: 0.370 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

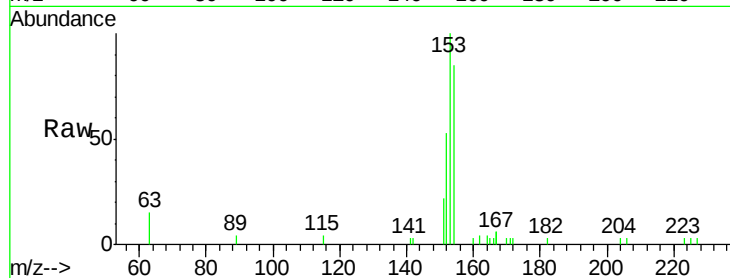
Tgt Ion:154 Resp: 2576

Ion Ratio Lower Upper

154 100

153 117.2 94.2 141.4

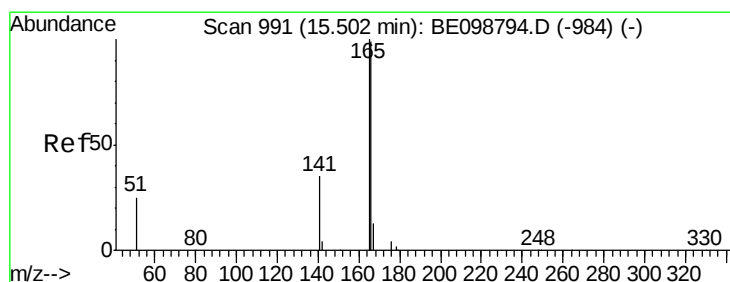
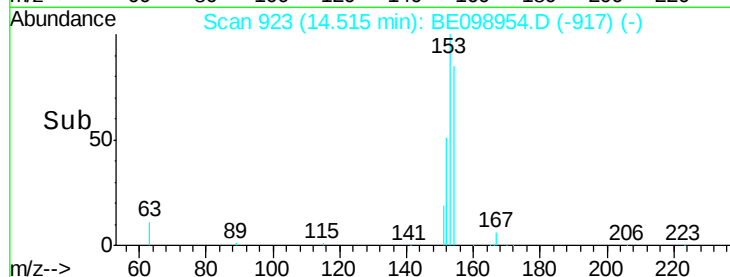
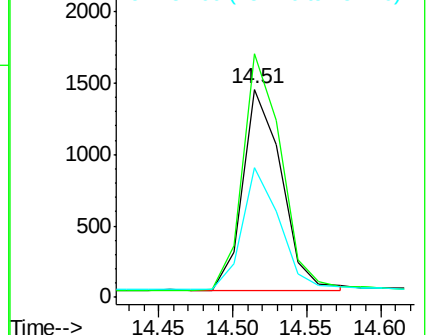
152 58.8 45.0 67.4



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: 0.358 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

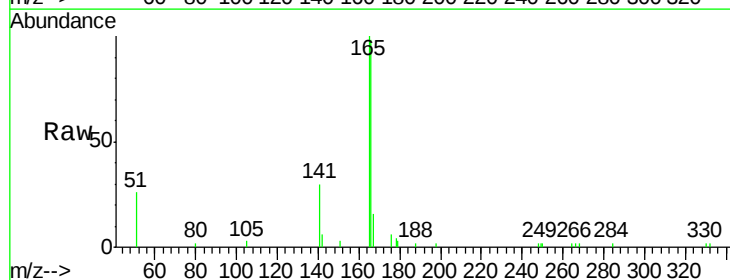
Tgt Ion:166 Resp: 3588

Ion Ratio Lower Upper

166 100

165 100.3 79.3 118.9

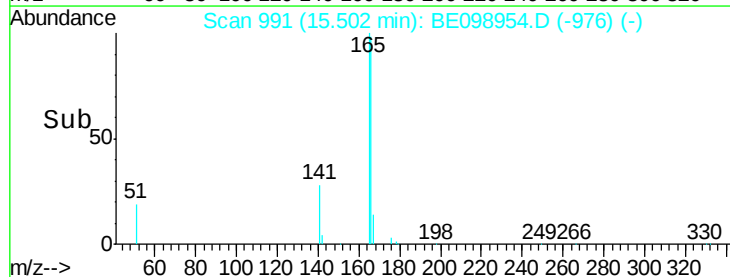
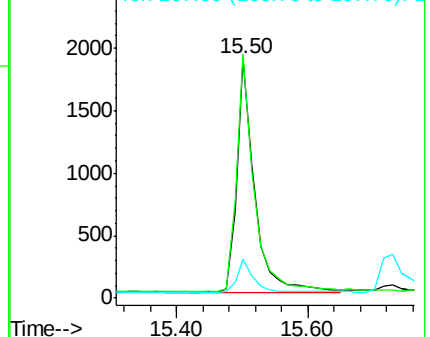
167 14.2 10.5 15.7

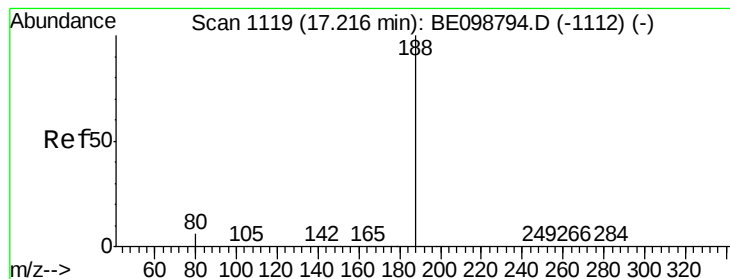


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

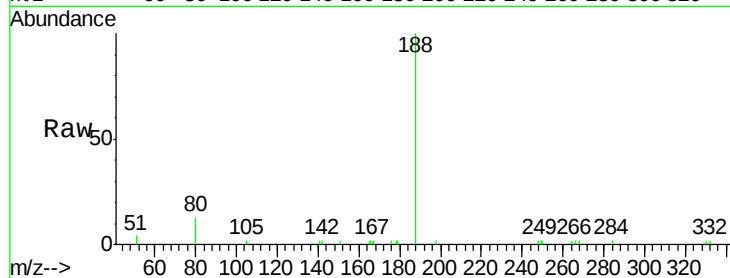
Tgt Ion:188 Resp: 5677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

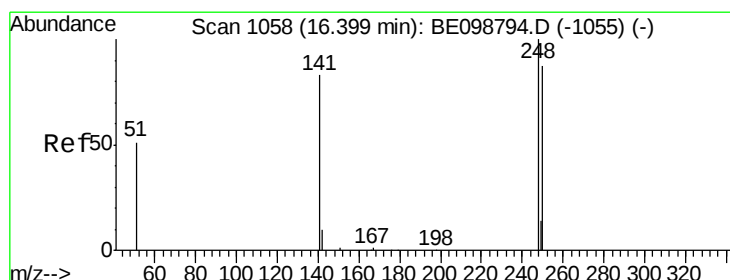
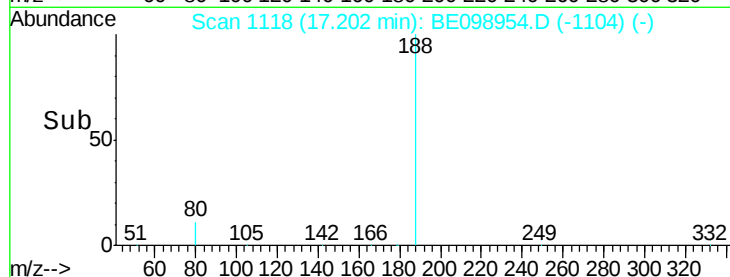
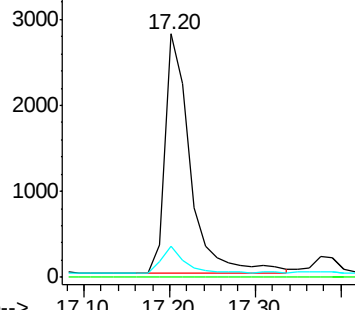
80 13.0 6.3 9.5#



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: 0.347 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

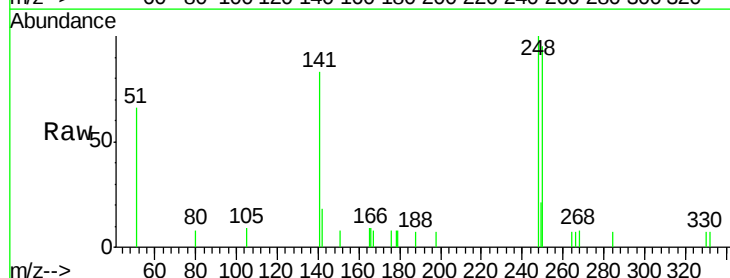
Tgt Ion:248 Resp: 1068

Ion Ratio Lower Upper

248 100

250 95.4 70.6 105.8

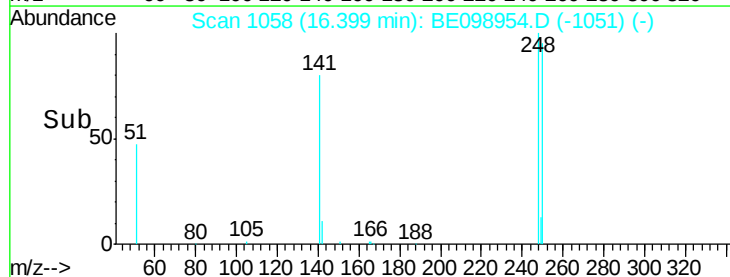
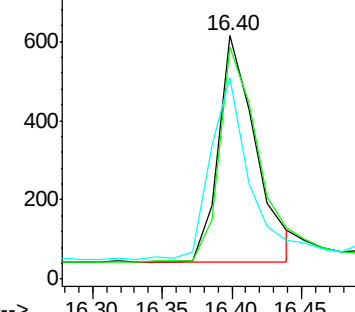
141 82.6 68.6 102.8

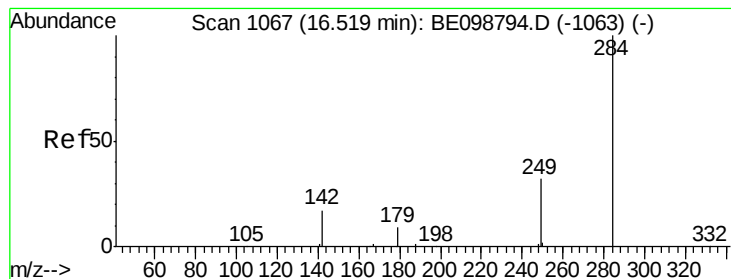


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.370 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

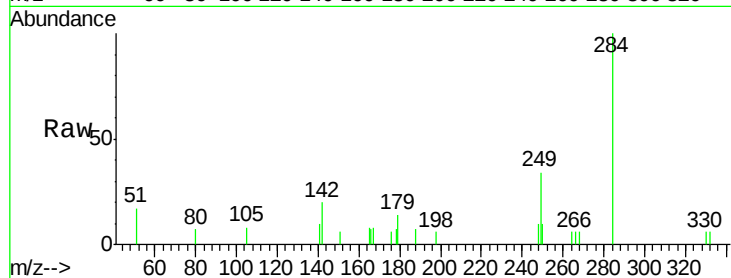
Tgt Ion:284 Resp: 1352

Ion Ratio Lower Upper

284 100

142 35.1 28.7 43.1

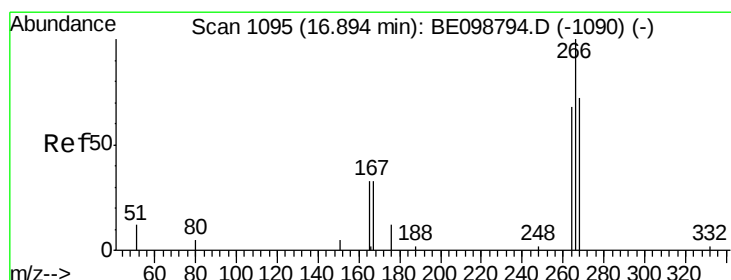
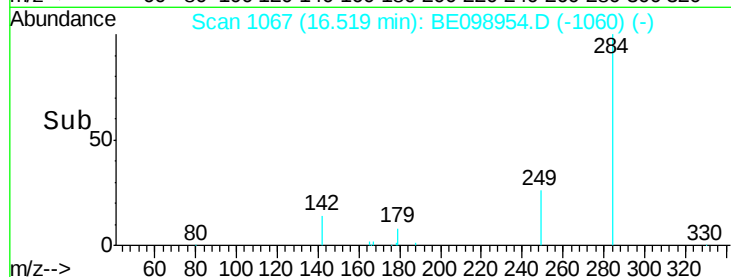
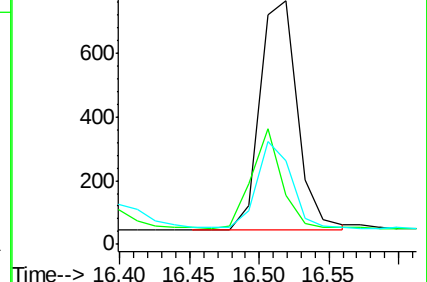
249 34.2 29.6 44.4



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: 0.804 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

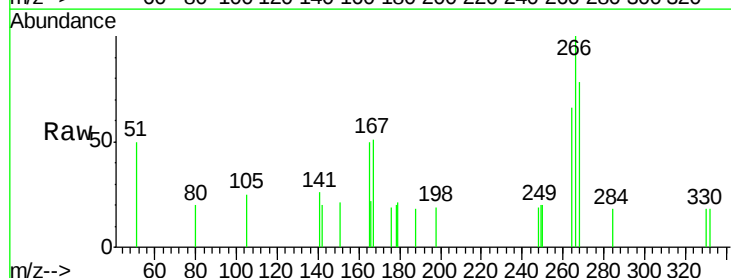
Tgt Ion:266 Resp: 672

Ion Ratio Lower Upper

266 100

264 66.0 66.6 100.0#

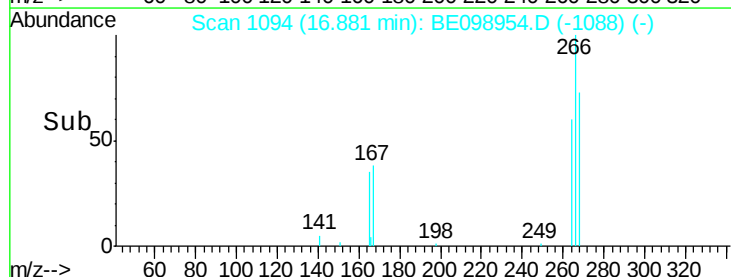
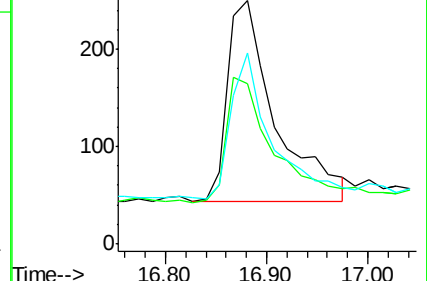
268 78.4 69.8 104.8

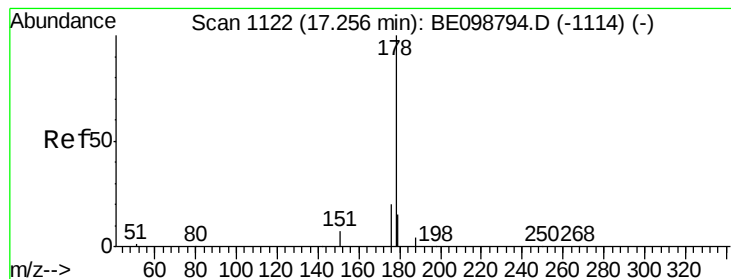


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.362 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

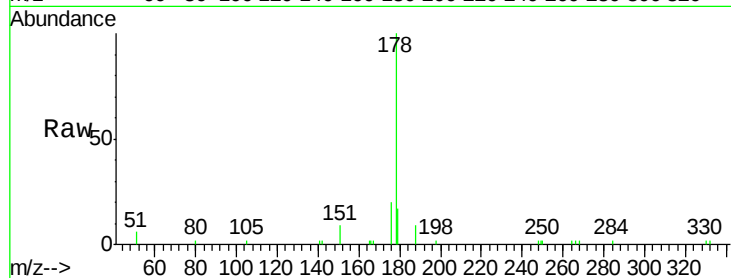
Tgt Ion:178 Resp: 5846

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

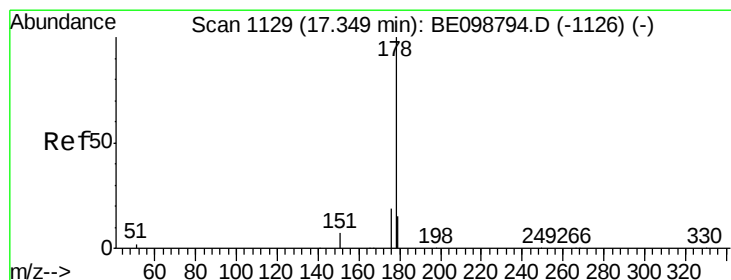
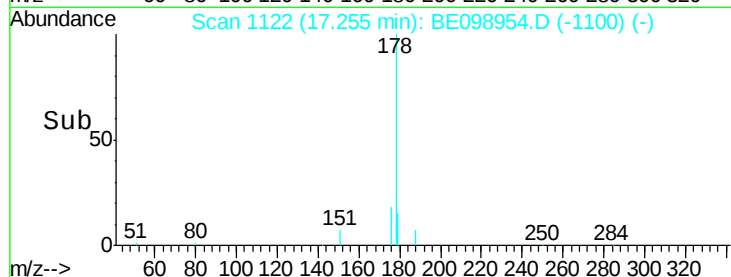
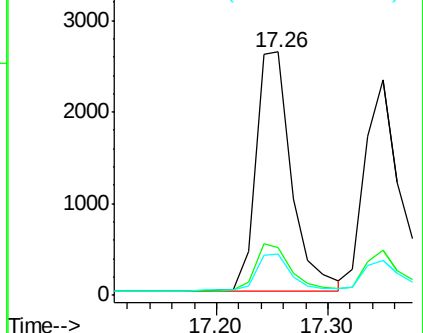
179 15.2 12.1 18.1



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: 0.344 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

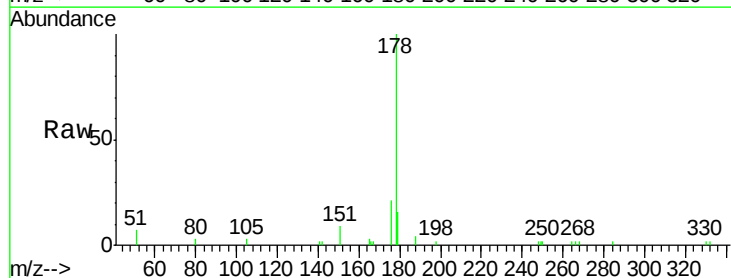
Tgt Ion:178 Resp: 4738

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

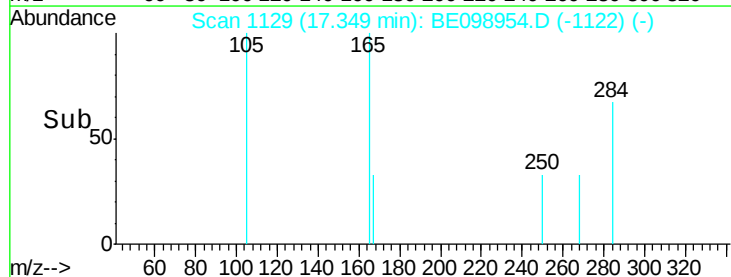
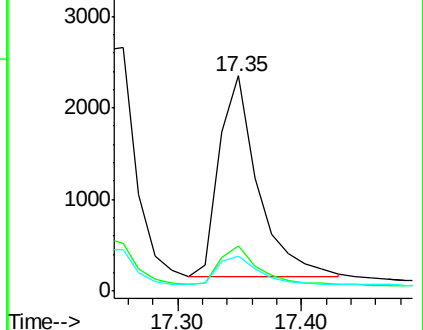
179 14.8 12.2 18.4

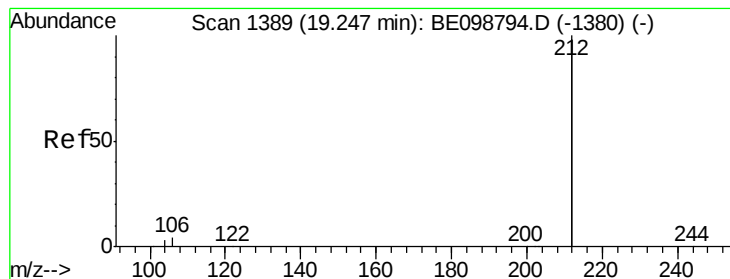


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

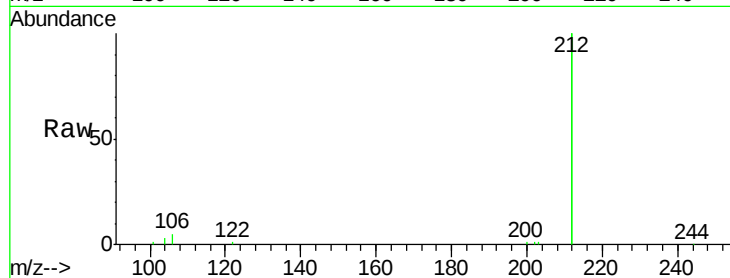
Tgt Ion:212 Resp: 30132

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

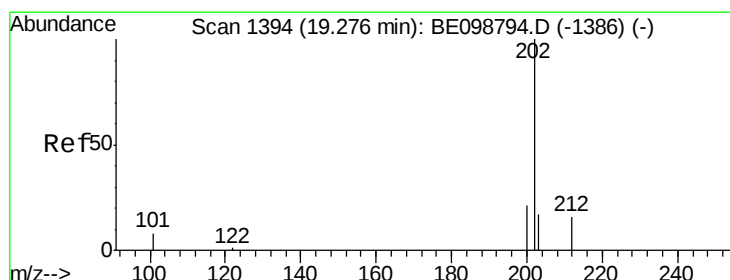
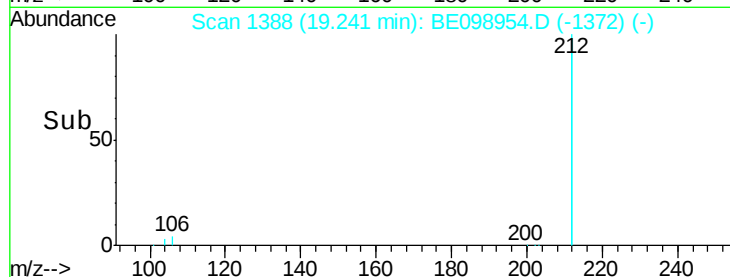
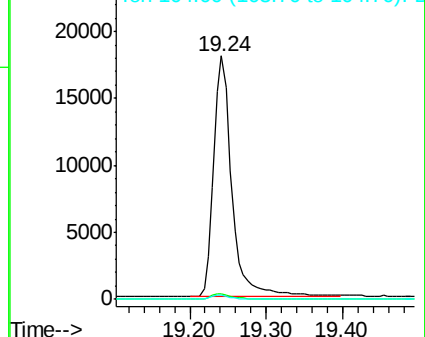
104 1.4 1.0 1.6



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: 0.340 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

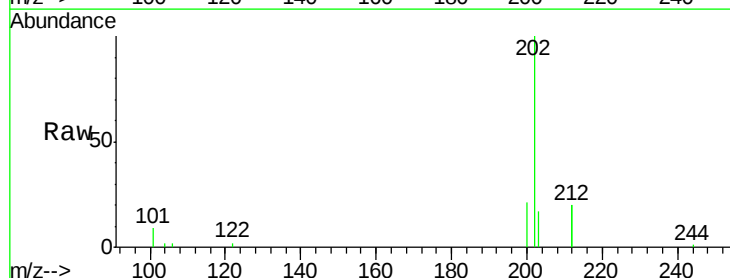
Tgt Ion:202 Resp: 7749

Ion Ratio Lower Upper

202 100

101 8.7 7.3 10.9

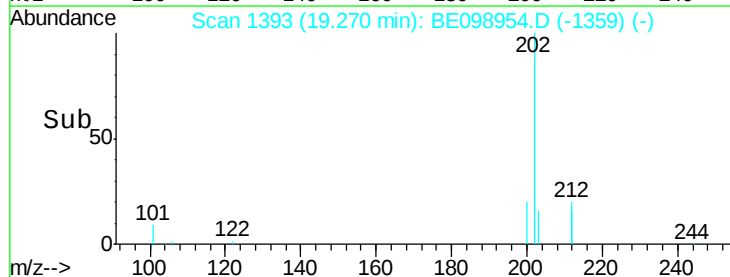
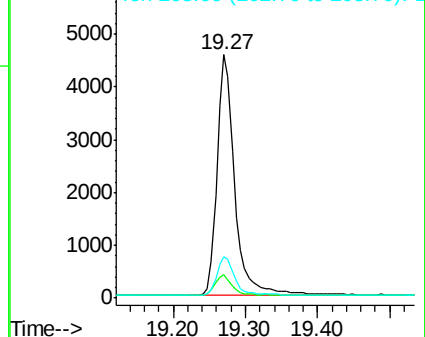
203 16.1 13.4 20.2



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: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

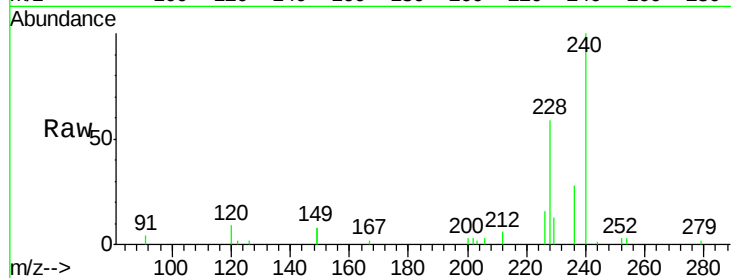
Tgt Ion:240 Resp: 6394

Ion Ratio Lower Upper

240 100

120 8.9 5.0 7.4#

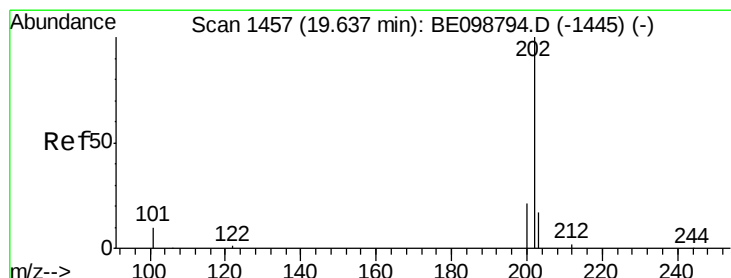
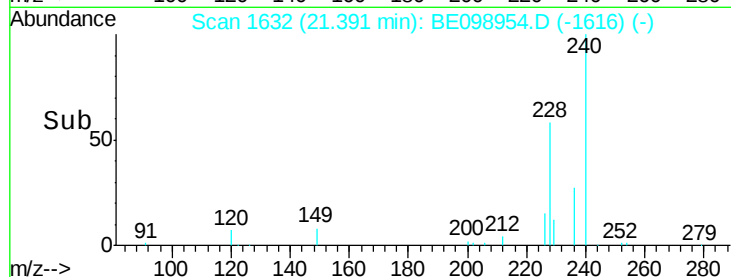
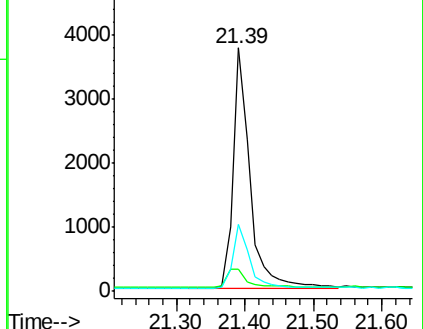
236 27.8 22.7 34.1



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: 0.406 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

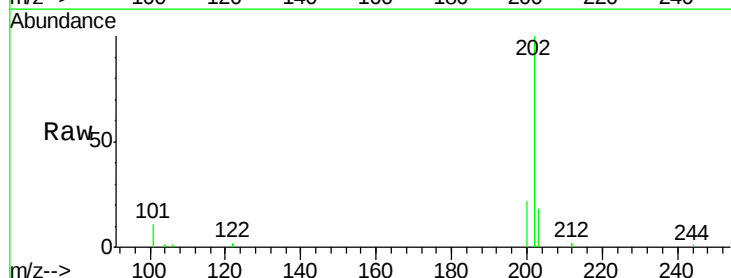
Tgt Ion:202 Resp: 7936

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

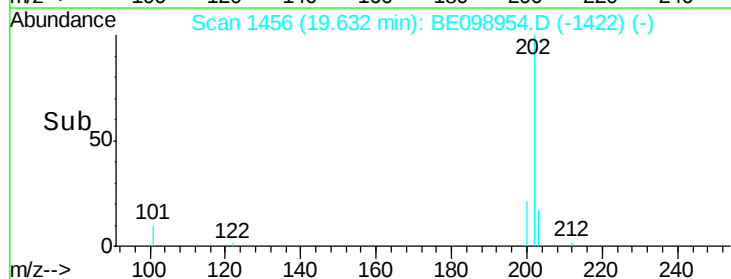
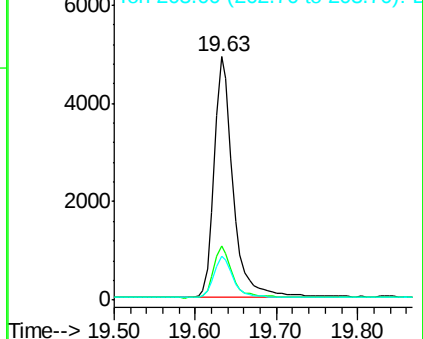
203 17.9 14.2 21.2

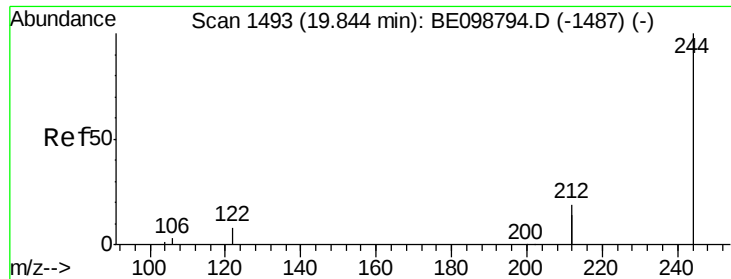


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

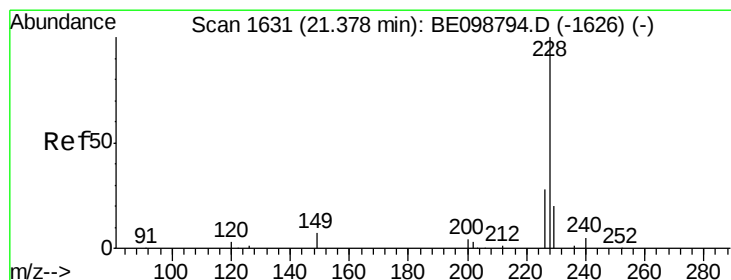
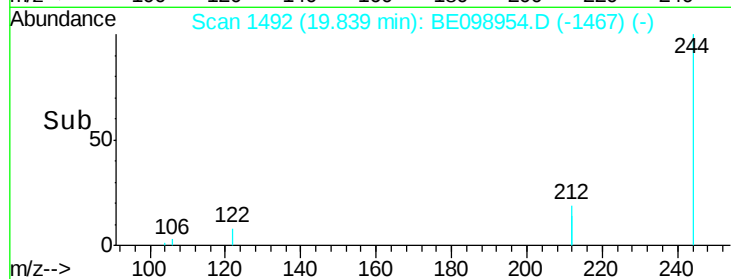
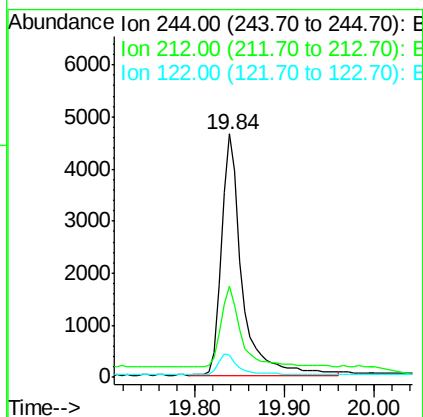
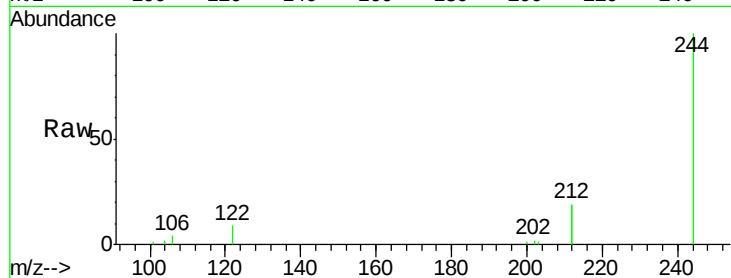




#29
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098954.D
 Acq: 14 Mar 2019 21:45

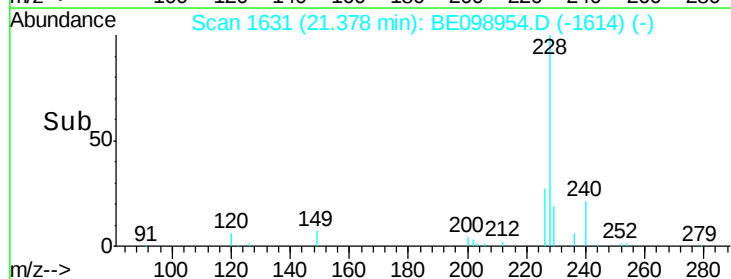
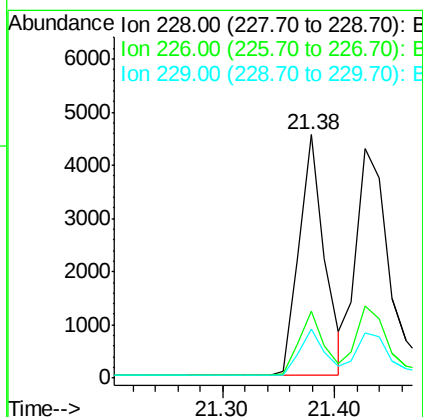
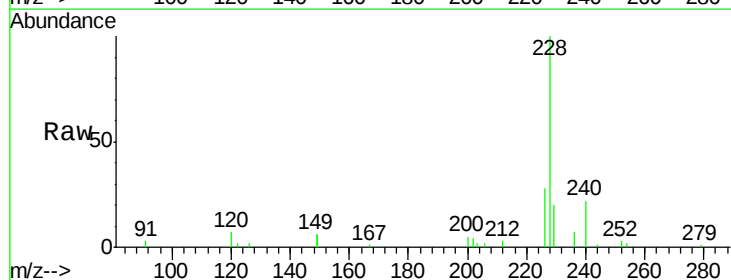
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

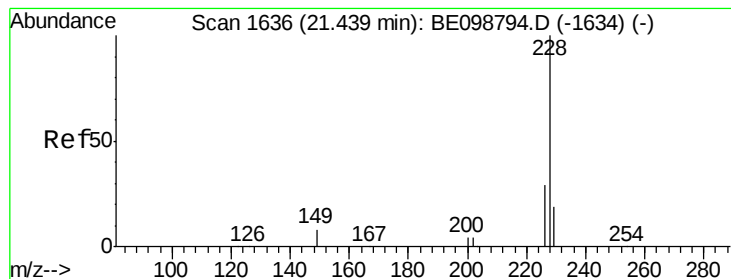
Tgt Ion: 244 Resp: 7282
 Ion Ratio Lower Upper
 244 100
 212 37.4 29.4 44.2
 122 9.2 7.1 10.7



#30
 Benzo(a)anthracene
 Concen: 0.358 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098954.D
 Acq: 14 Mar 2019 21:45

Tgt Ion: 228 Resp: 7151
 Ion Ratio Lower Upper
 228 100
 226 27.5 23.0 34.4
 229 20.2 16.5 24.7





#31

Chrysene

Concen: 0.391 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

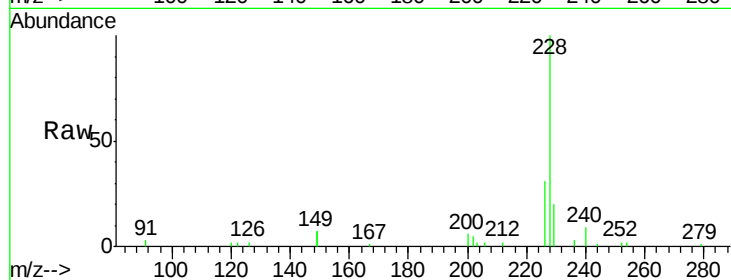
Tgt Ion:228 Resp: 8342

Ion Ratio Lower Upper

228 100

226 31.3 23.7 35.5

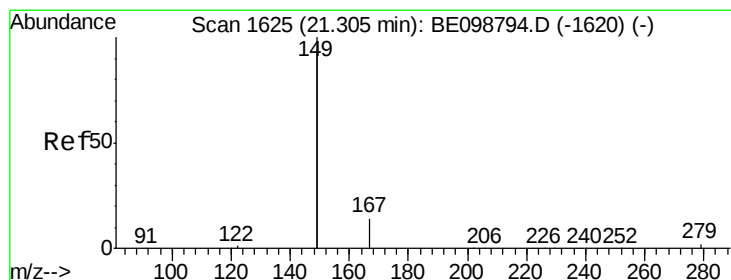
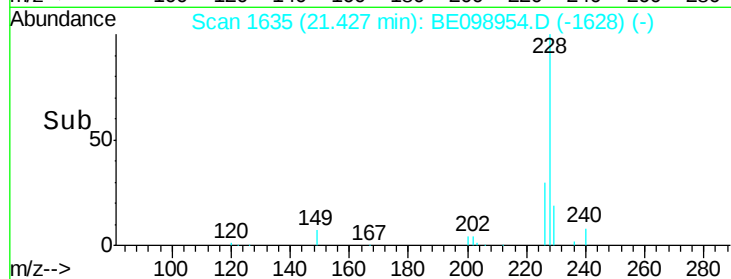
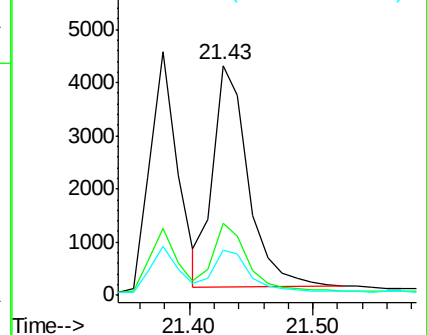
229 19.8 16.1 24.1



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: 0.338 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

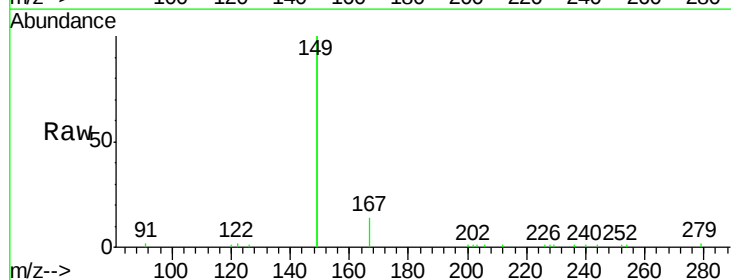
Tgt Ion:149 Resp: 14349

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

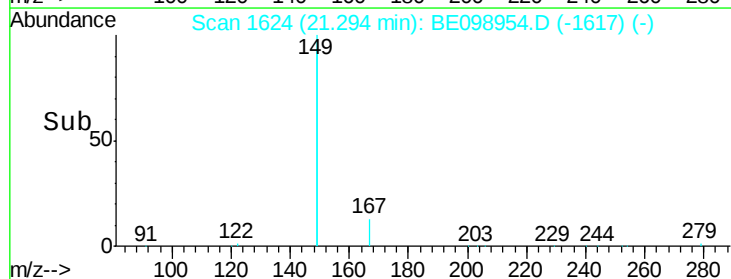
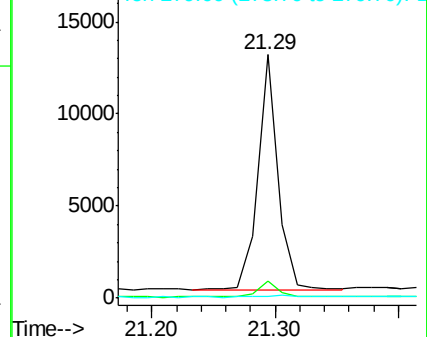
279 1.2 1.0 1.4



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: 0.358 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

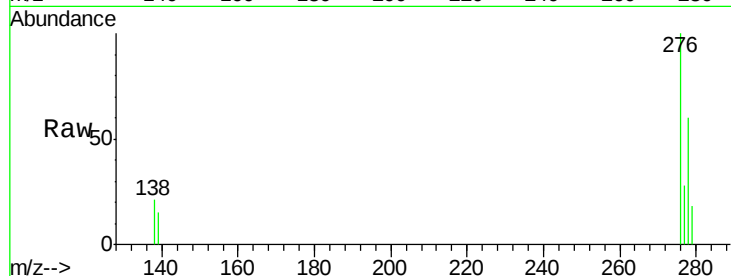
Tgt Ion:276 Resp: 8059

Ion Ratio Lower Upper

276 100

138 17.5 13.8 20.8

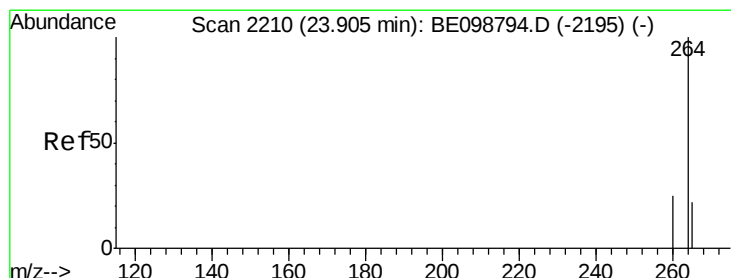
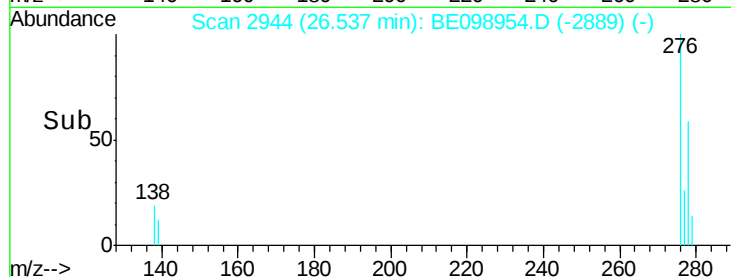
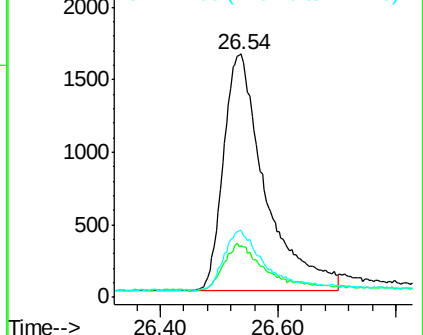
277 25.0 19.5 29.3



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# 2206

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

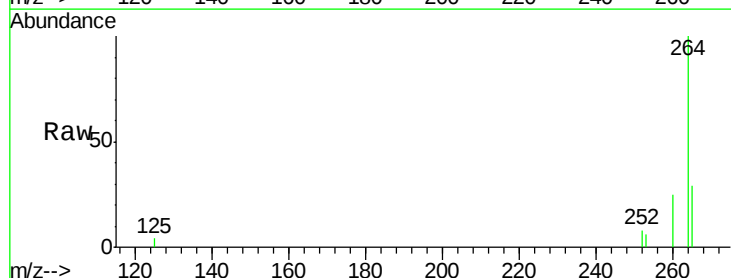
Tgt Ion:264 Resp: 6213

Ion Ratio Lower Upper

264 100

260 24.5 21.2 31.8

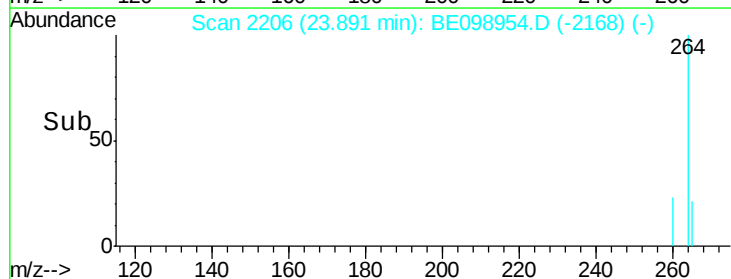
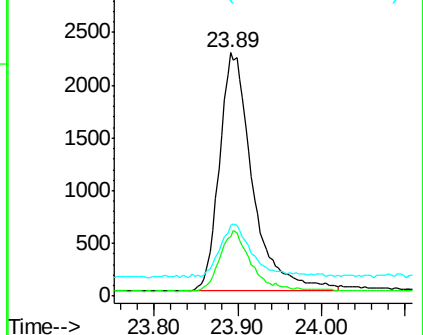
265 28.9 24.6 36.8



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

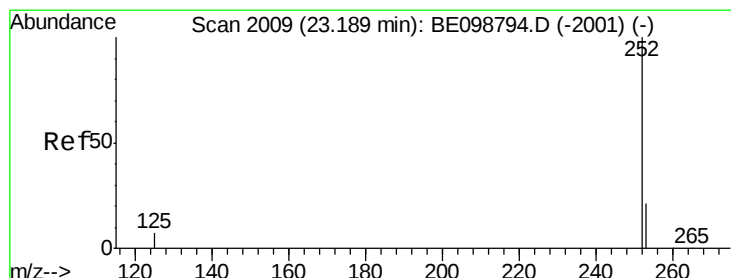
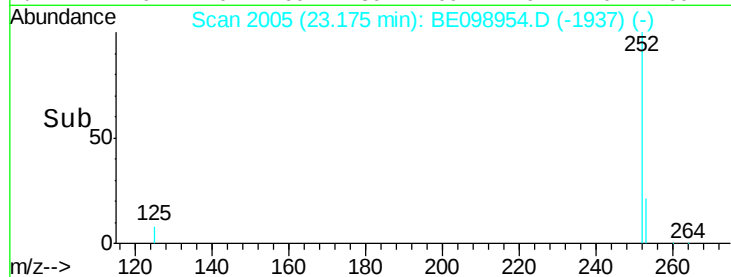
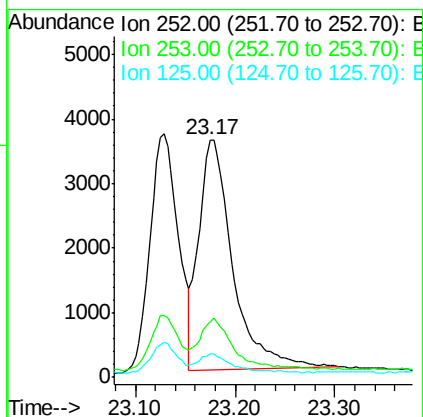
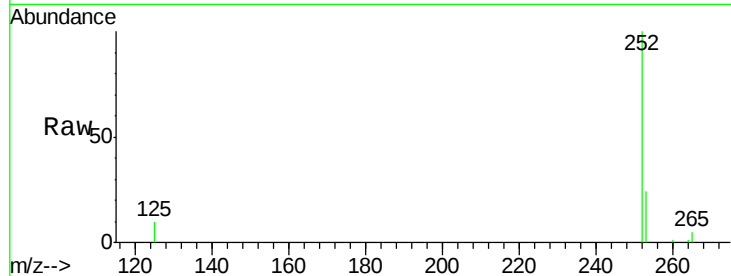




#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

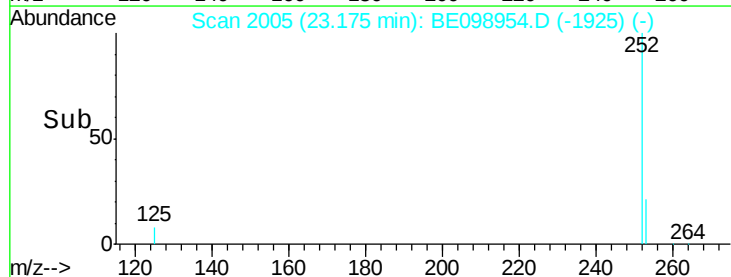
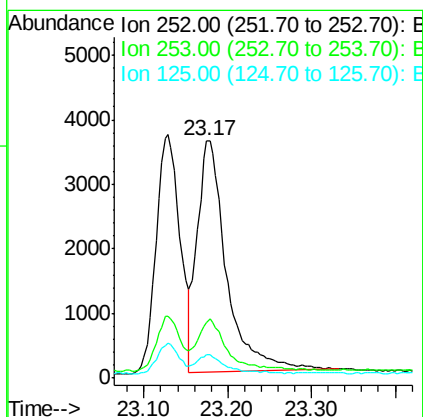
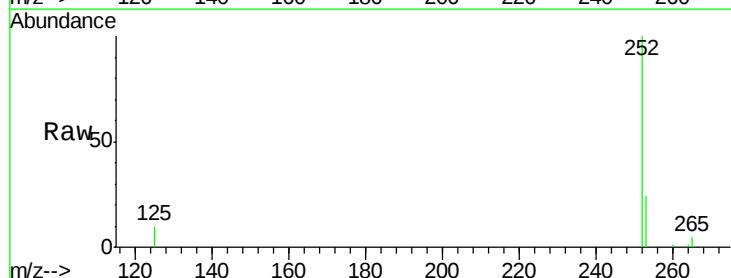
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tgt Ion:252 Resp: 8447
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 9.8 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098954.D
Acq: 14 Mar 2019 21:45

Tgt Ion:252 Resp: 8690
Ion Ratio Lower Upper
252 100
253 23.5 19.3 28.9
125 9.8 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS

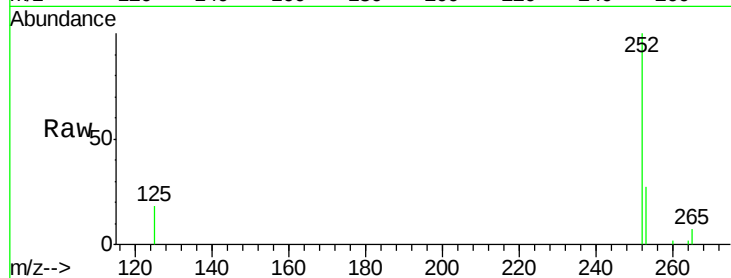
Tgt Ion:252 Resp: 7414

Ion Ratio Lower Upper

252 100

253 27.0 19.9 29.9

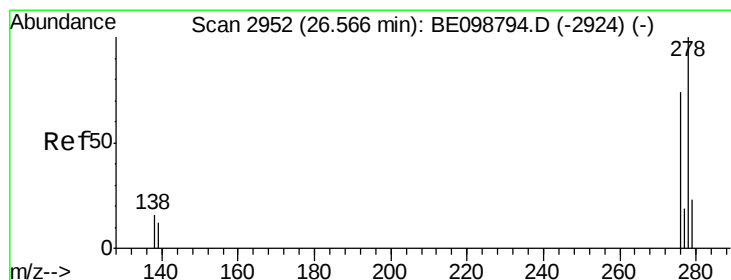
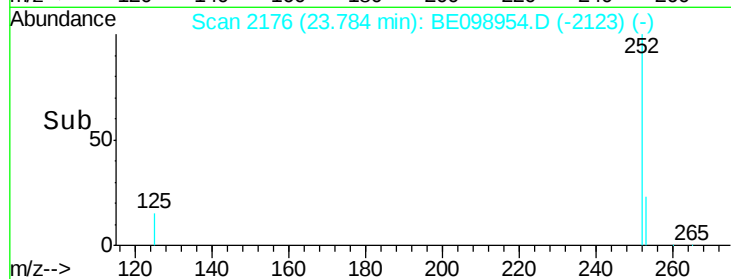
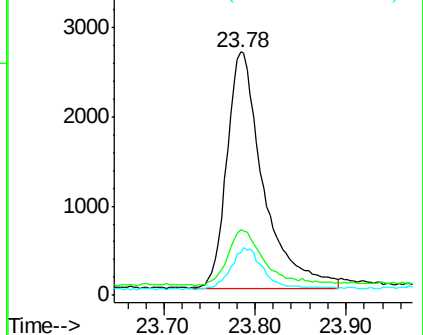
125 17.5 9.0 13.4#



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: 0.328 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098954.D

Acq: 14 Mar 2019 21:45

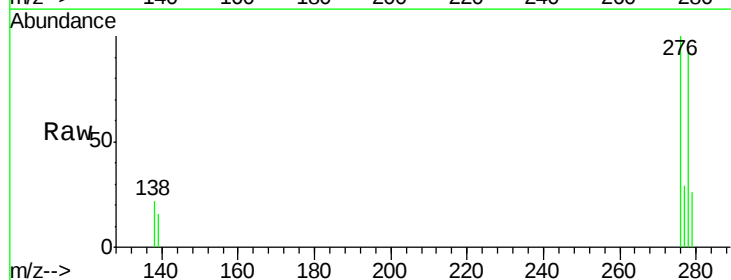
Tgt Ion:278 Resp: 6081

Ion Ratio Lower Upper

278 100

139 16.9 11.8 17.6

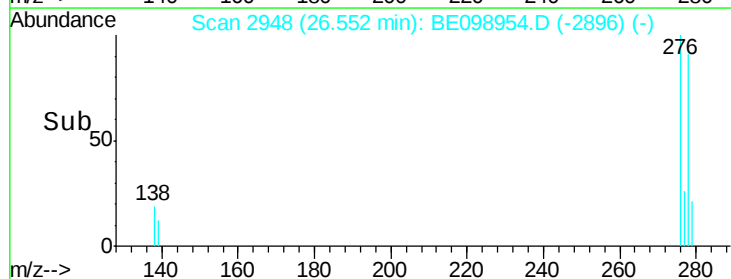
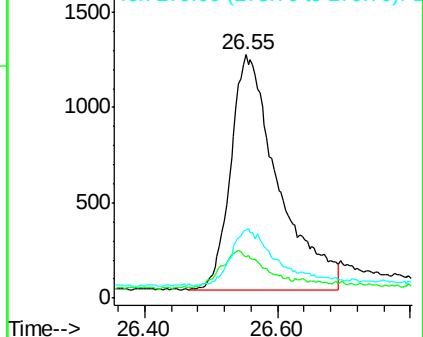
279 27.9 21.1 31.7

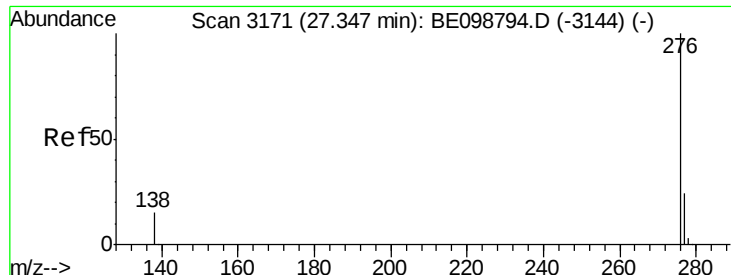


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.363 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098954.D

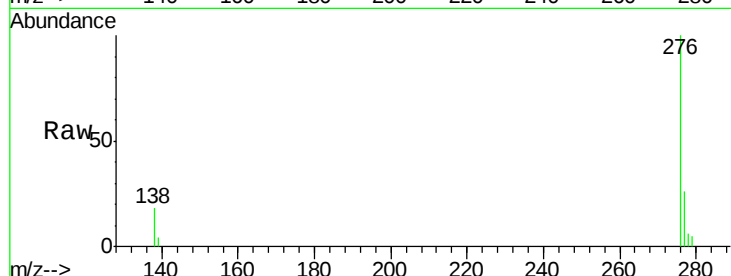
Acq: 14 Mar 2019 21:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312MS



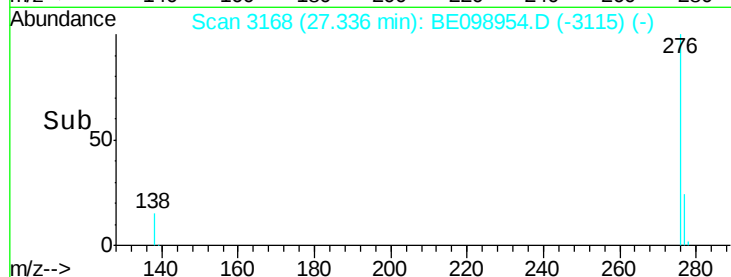
Tgt Ion: 276 Resp: 7033

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 18.3 13.6 20.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

