

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098964.D
 Acq On : 15 Mar 2019 3:52
 Operator : JU/SJ
 Sample : K1900-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301S-20190313

Quant Time: Mar 15 05:34:35 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	7.80	152	686	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3215	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2247	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5682	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6522	0.40	ng	0.00
34) Perylene-d12	23.89	264	6214	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	361	0.18	ng	0.02
5) Phenol-d6	7.05	99	258	0.09	ng	0.06
8) Nitrobenzene-d5	9.02	82	1101	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2286	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	455	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4043	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	33330	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	6873	0.43	ng	0.00

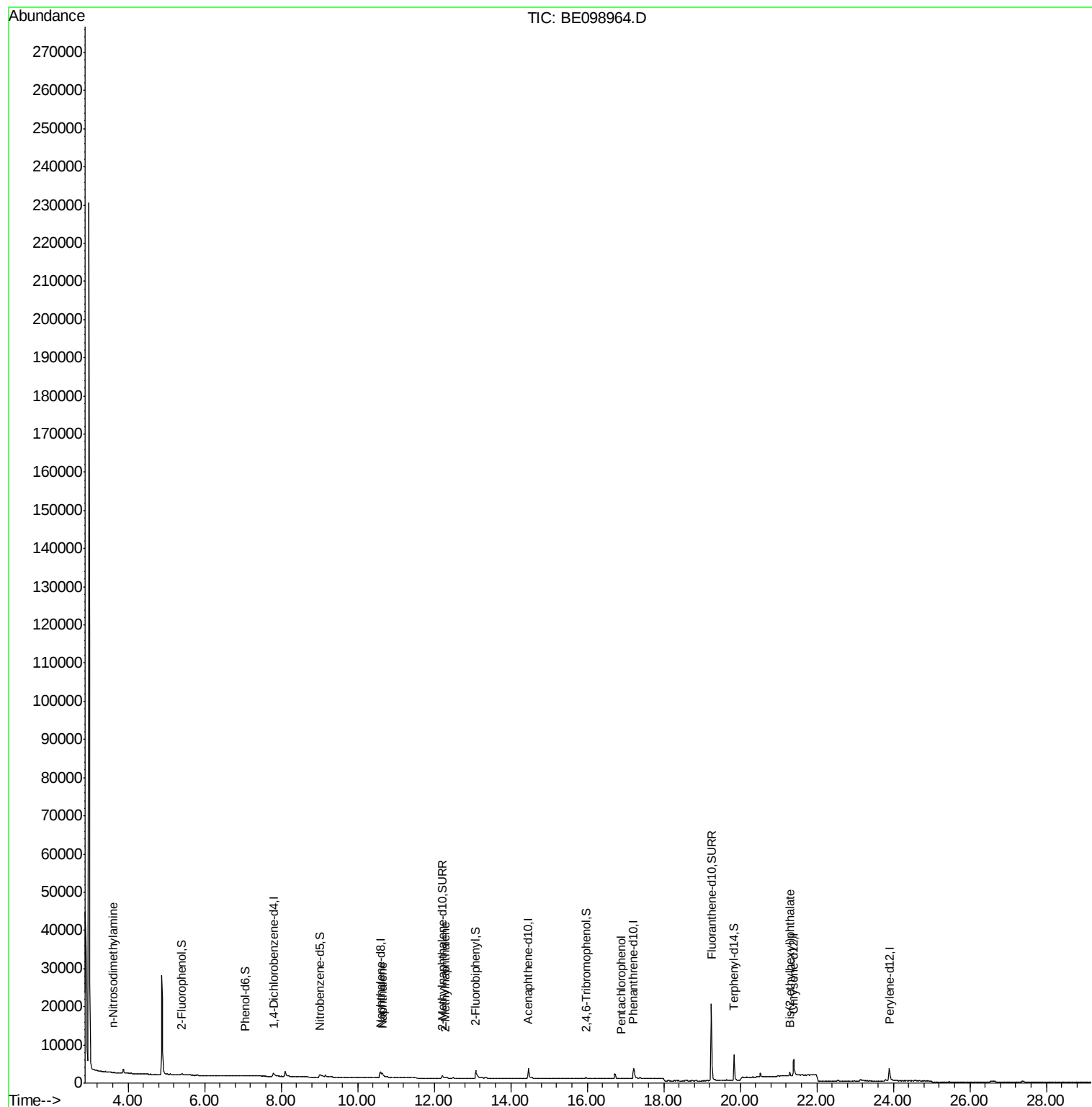
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.60	42	49	0.028	ng	# 14
9) Naphthalene	10.64	128	2683	0.073	ng	# 87
12) 2-Methylnaphthalene	12.30	142	285	0.048	ng	# 86
22) Pentachlorophenol	16.89	266	11	0.273	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.29	149	1167	0.027	ng	# 96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098964.D
Acq On : 15 Mar 2019 3:52
Operator : JU/SJ
Sample : K1900-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190313

Quant Time: Mar 15 05:34:35 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



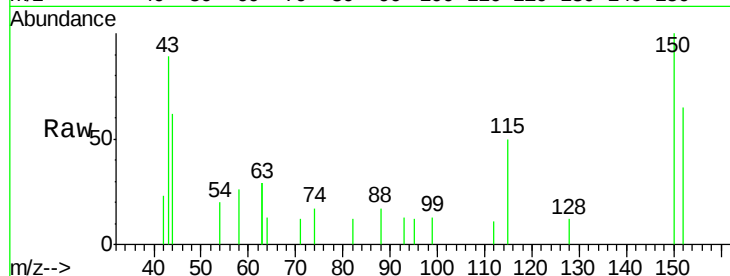


#1

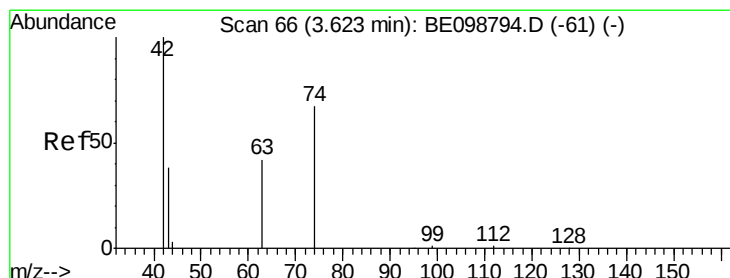
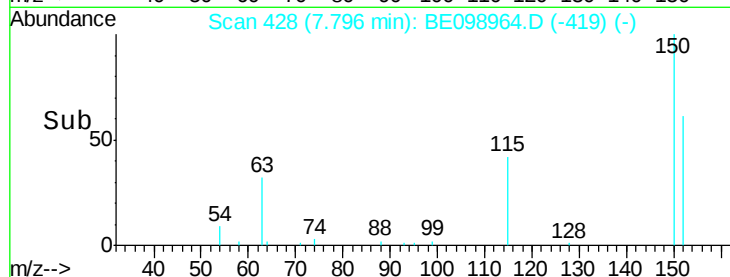
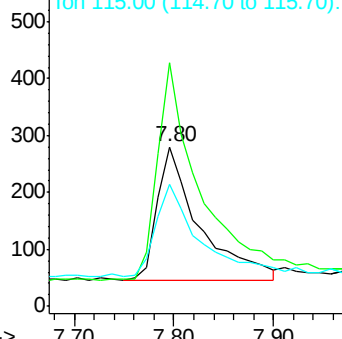
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098964.D
 Acq: 15 Mar 2019 3:52

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301S-20190313

Tgt Ion: 152 Resp: 686
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.5 183.7
 115 76.4 57.4 86.2



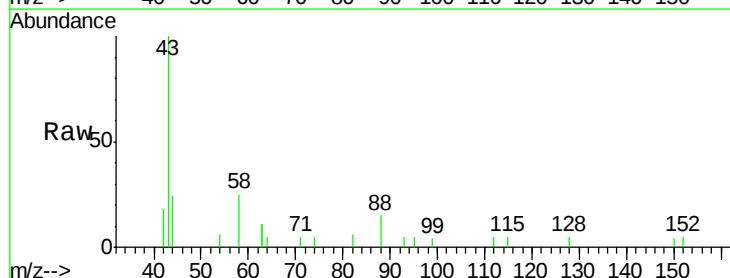
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



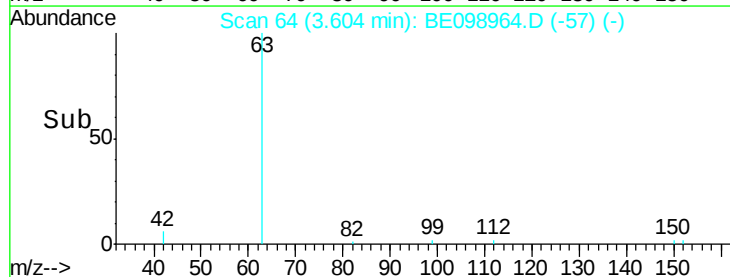
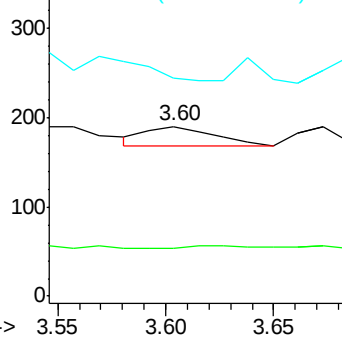
#3

n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.02 min
 Lab File: BE098964.D
 Acq: 15 Mar 2019 3:52

Tgt Ion: 42 Resp: 49
 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: 0.176 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

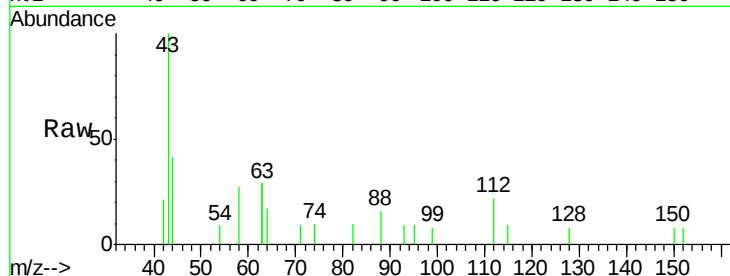
Tgt Ion: 112 Resp: 361

Ion Ratio Lower Upper

112 100

64 81.7 57.9 86.9

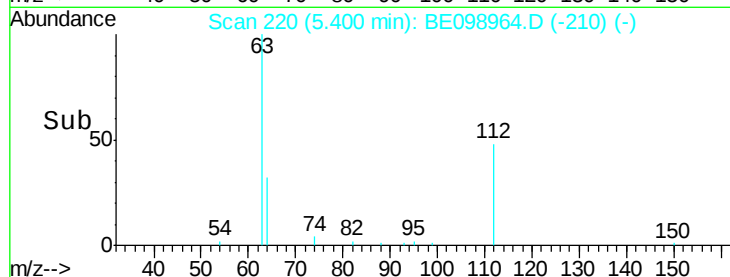
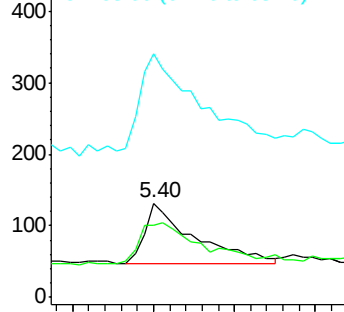
63 204.4 158.3 237.5



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: 0.089 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

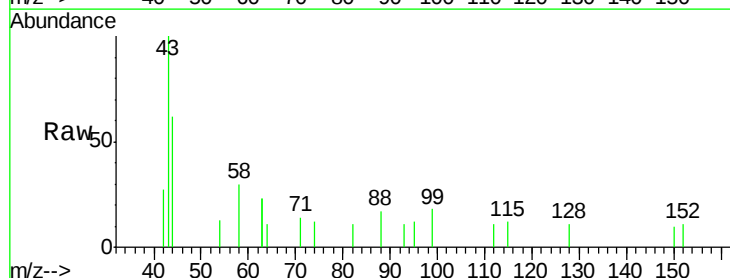
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 39.1 24.2 36.2#

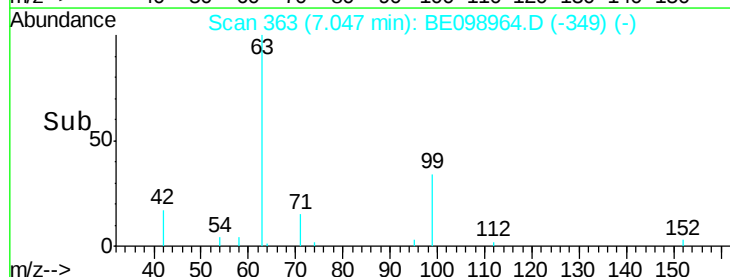
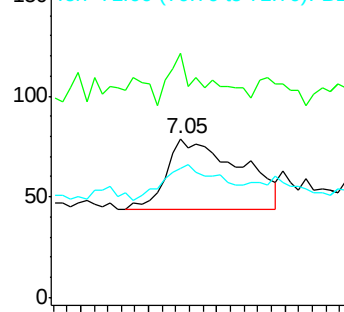
71 38.0 35.7 53.5



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

Tgt Ion: 136 Resp: 3215

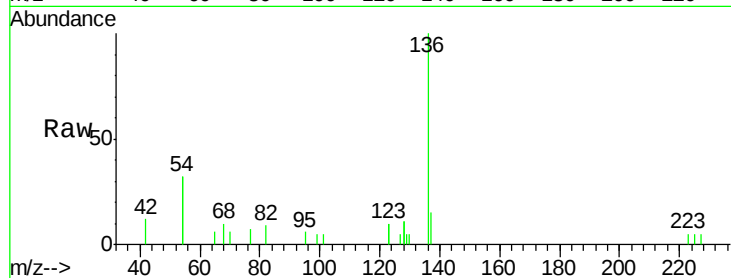
Ion Ratio Lower Upper

136 100

137 15.3 11.4 17.0

54 65.0 39.3 58.9#

68 10.1 6.7 10.1

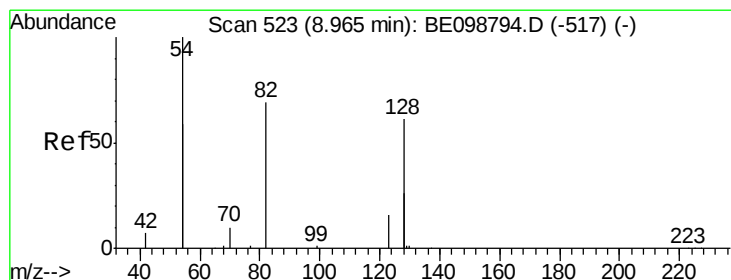
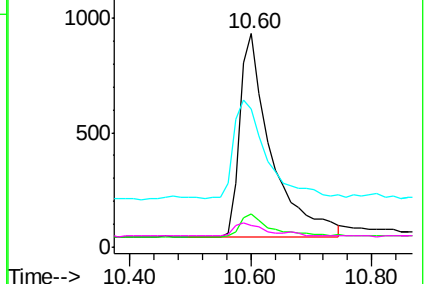
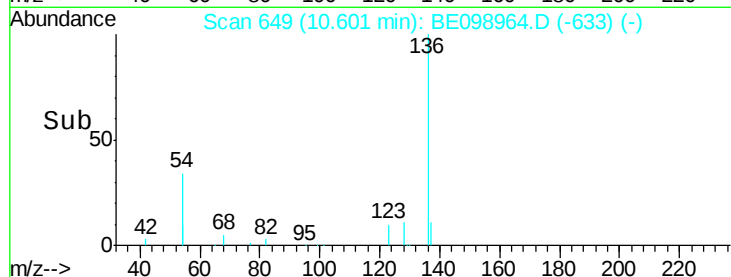


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

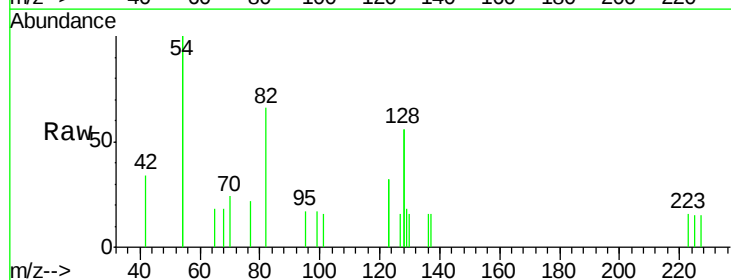
Tgt Ion: 82 Resp: 1101

Ion Ratio Lower Upper

82 100

128 171.0 123.8 185.8

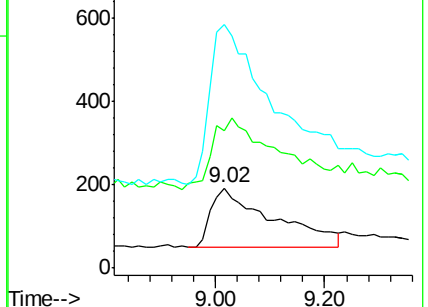
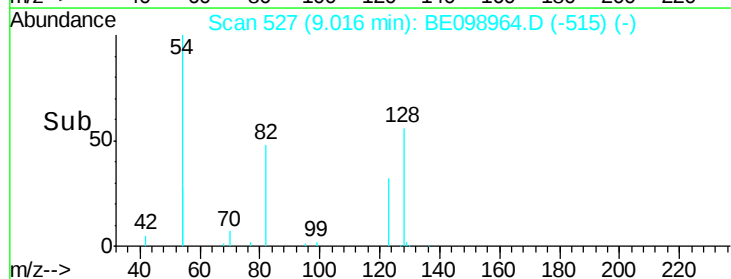
54 303.6 203.4 305.2

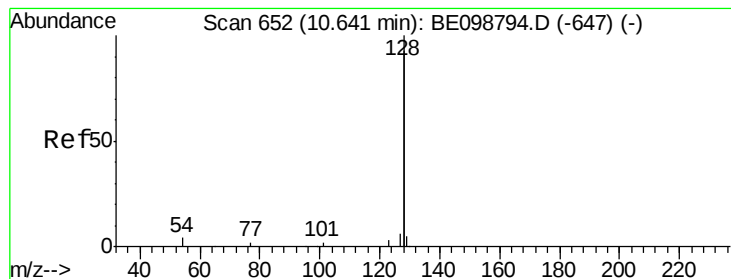


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.073 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

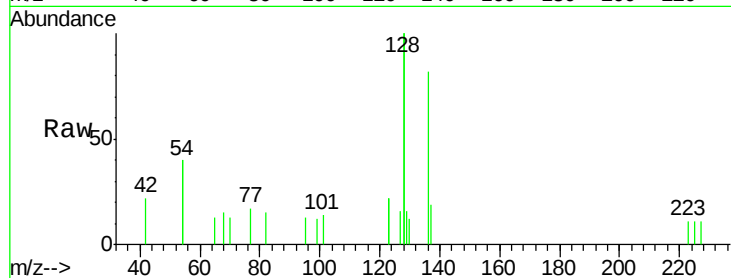
Tgt Ion:128 Resp: 2683

Ion Ratio Lower Upper

128 100

129 8.0 2.6 4.0#

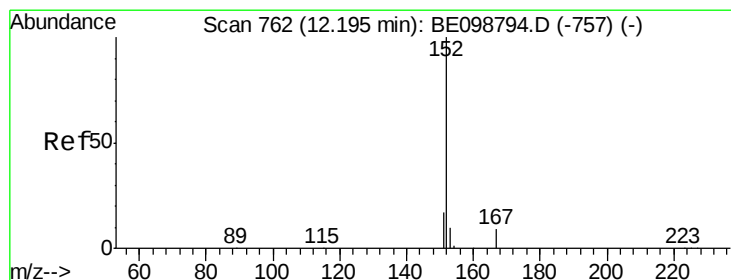
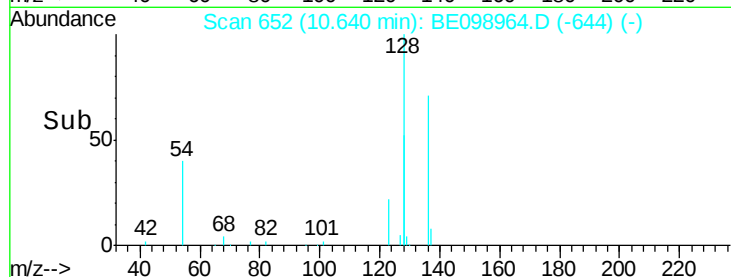
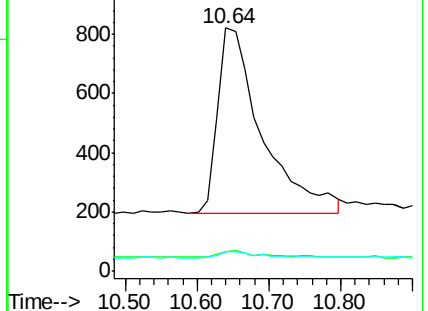
127 8.0 3.1 4.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098964.D

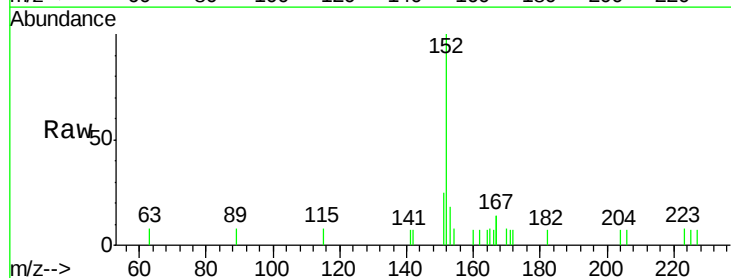
Acq: 15 Mar 2019 3:52

Tgt Ion:152 Resp: 2286

Ion Ratio Lower Upper

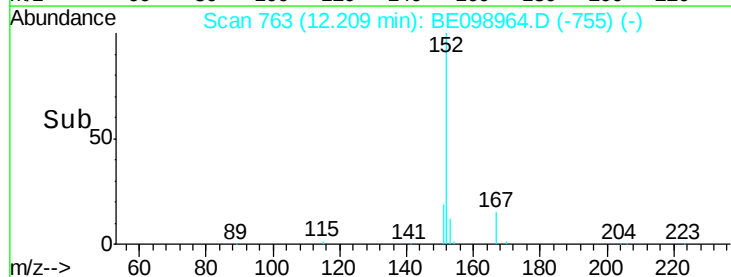
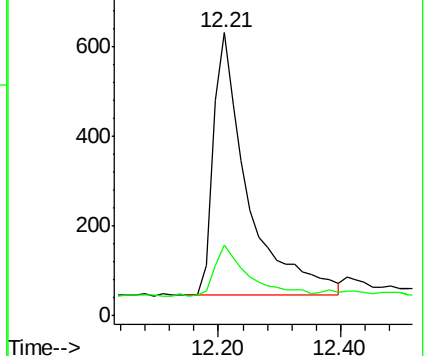
152 100

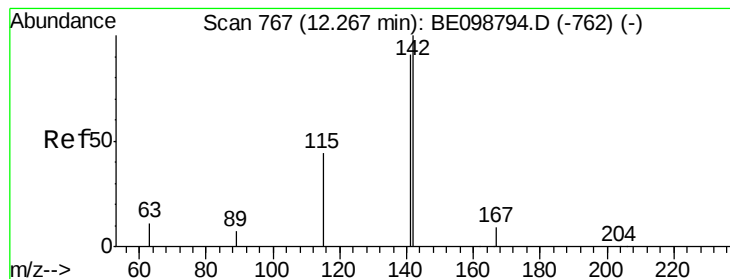
151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.03 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

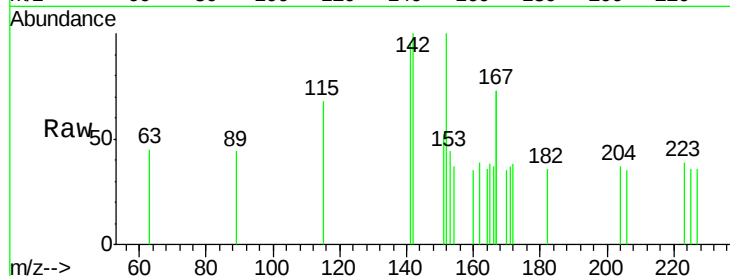
Tgt Ion:142 Resp: 285

Ion Ratio Lower Upper

142 100

141 95.2 72.6 108.8

115 67.7 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

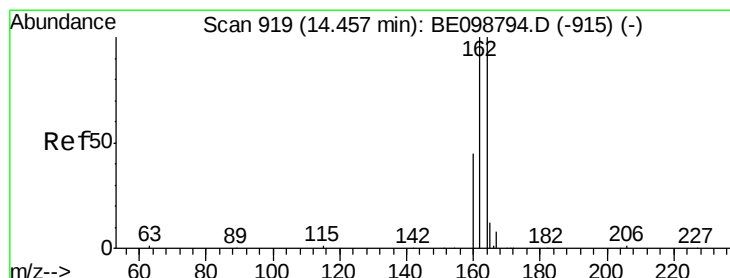
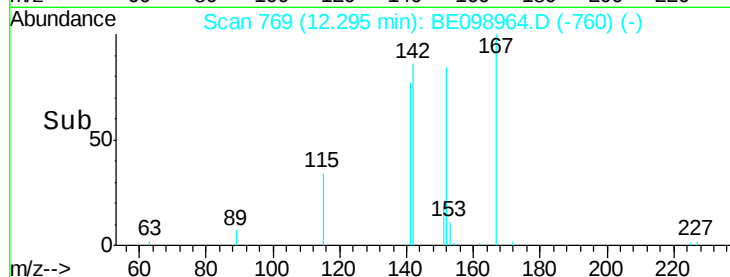
12.30

100

50

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

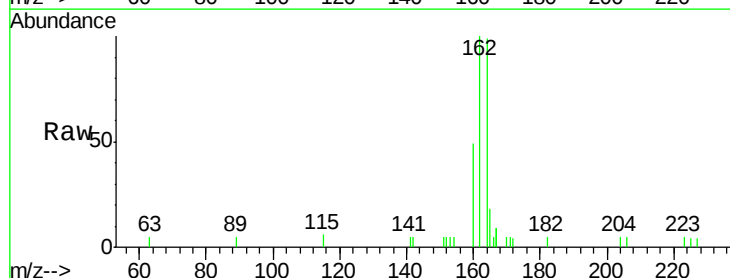
Tgt Ion:164 Resp: 2247

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

160 49.2 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

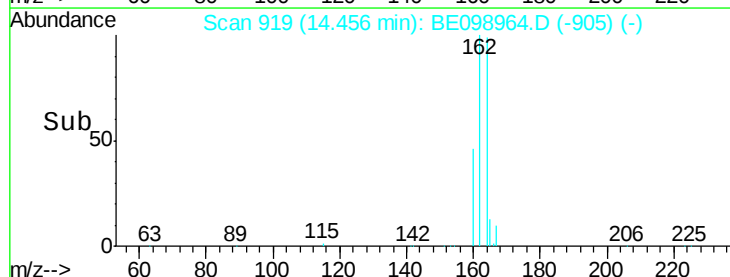
14.46

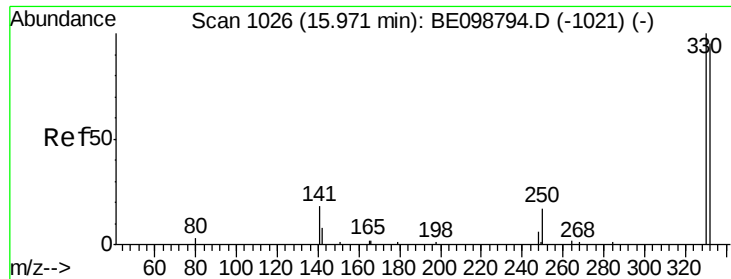
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.401 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

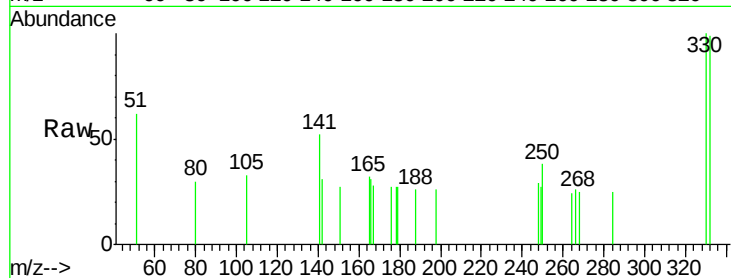
Tgt Ion:330 Resp: 455

Ion Ratio Lower Upper

330 100

332 86.6 77.6 116.4

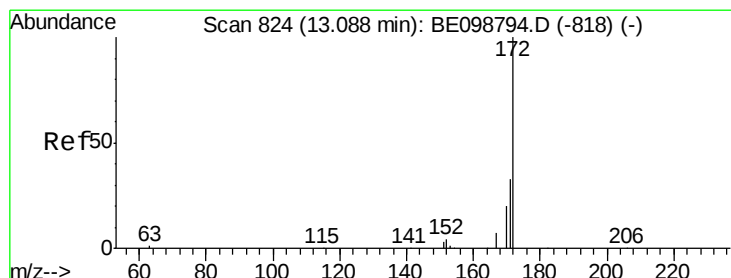
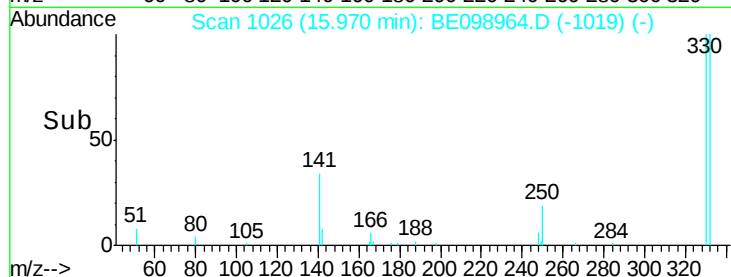
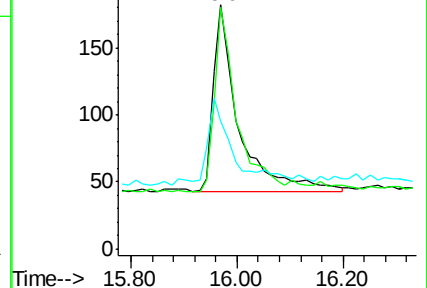
141 42.0 31.0 46.4



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: 0.435 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

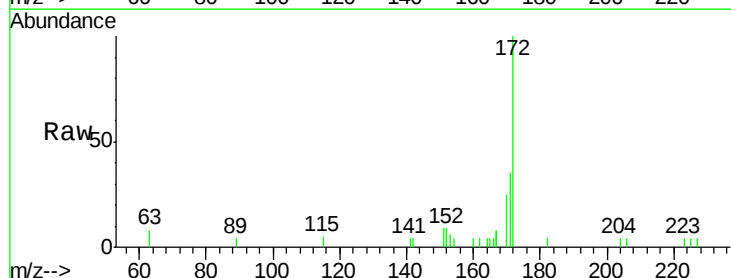
Tgt Ion:172 Resp: 4043

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

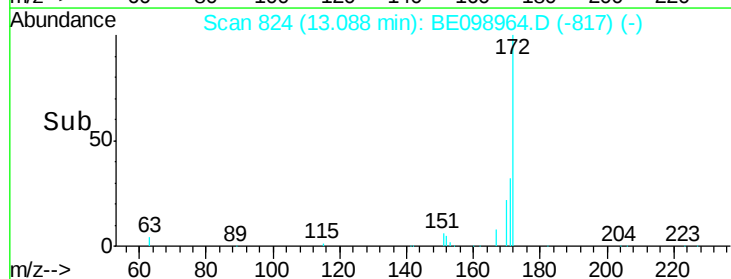
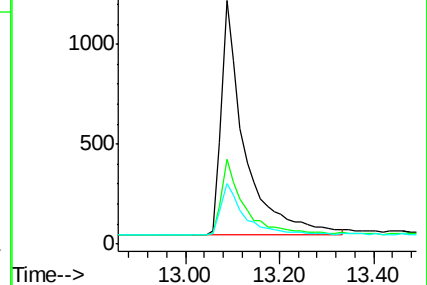
170 24.7 17.7 26.5

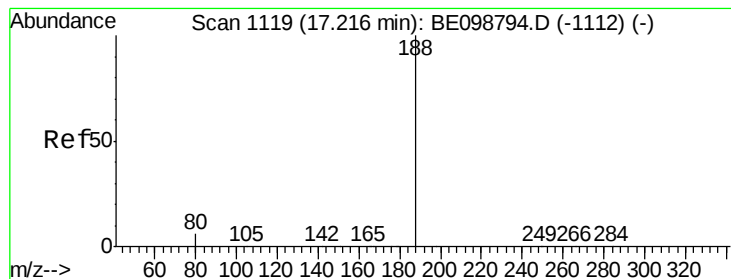


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

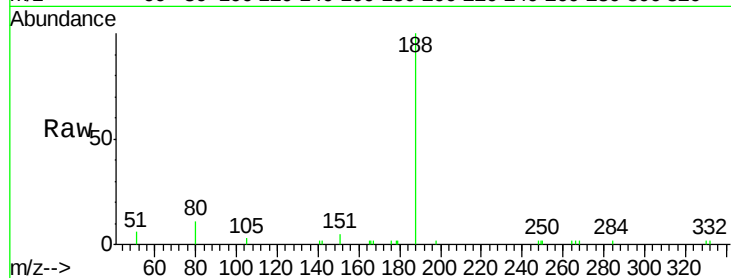
Tgt Ion:188 Resp: 5682

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

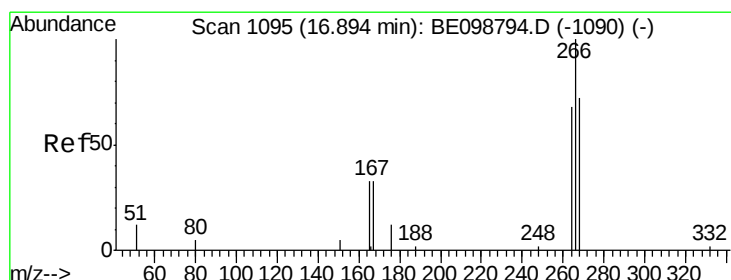
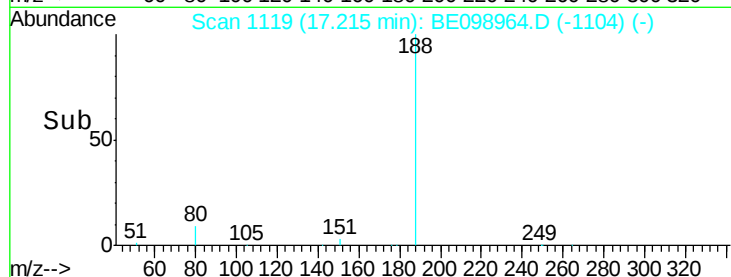
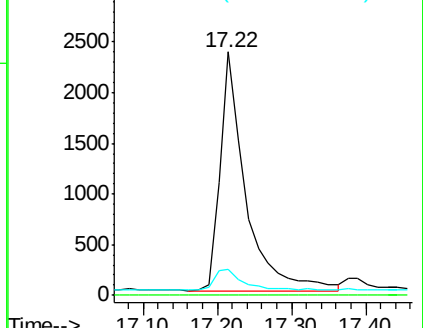
80 10.8 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.273 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

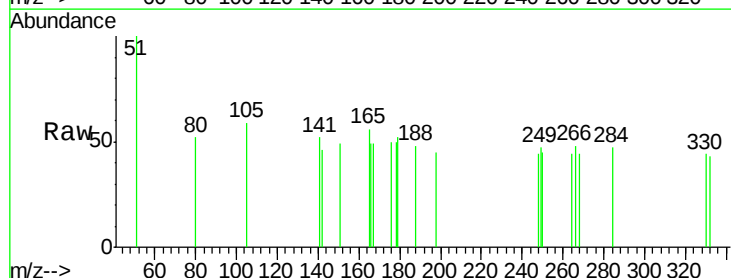
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

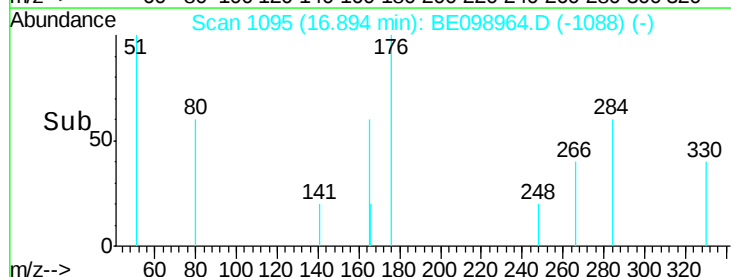
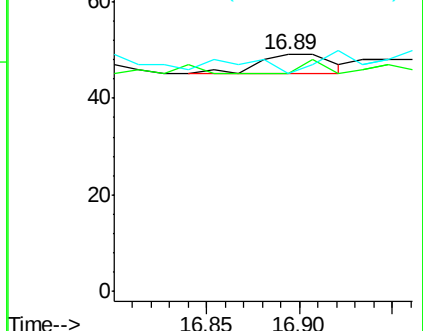
268 91.8 69.8 104.8

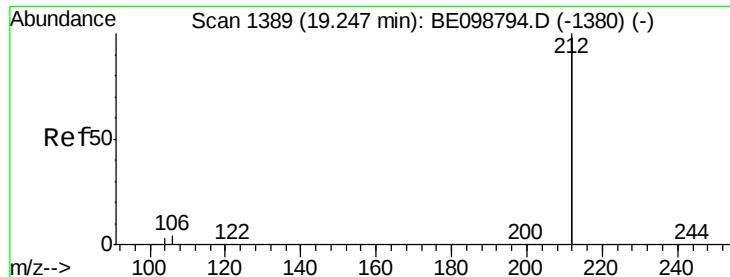


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

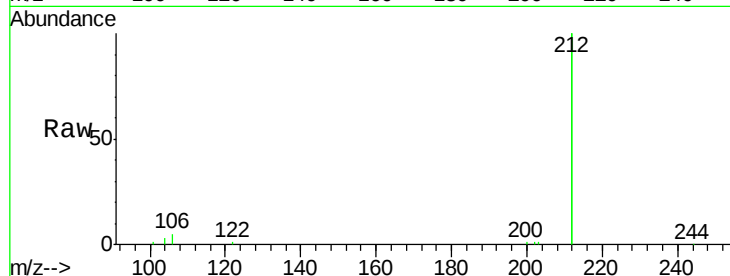
Tgt Ion:212 Resp: 33330

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

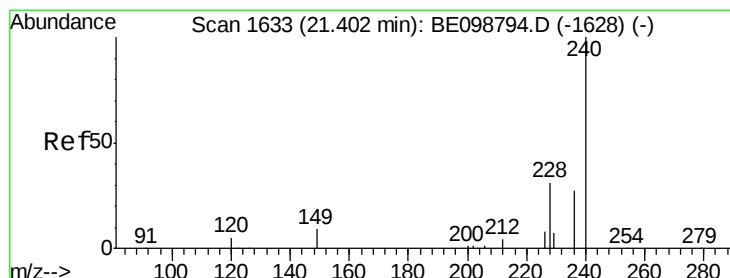
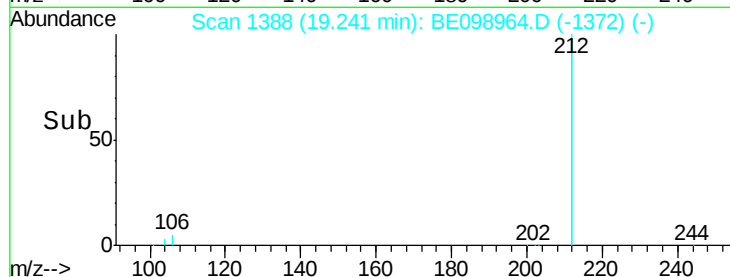
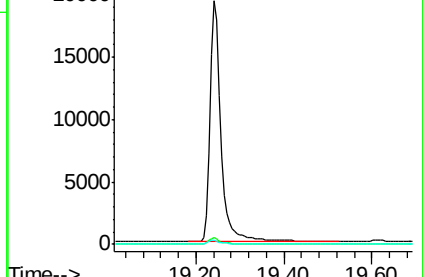
104 1.3 1.0 1.6



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

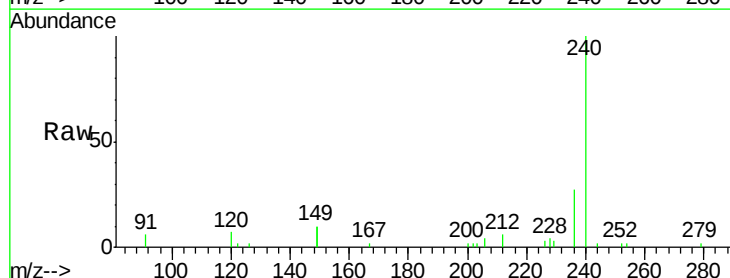
Tgt Ion:240 Resp: 6522

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

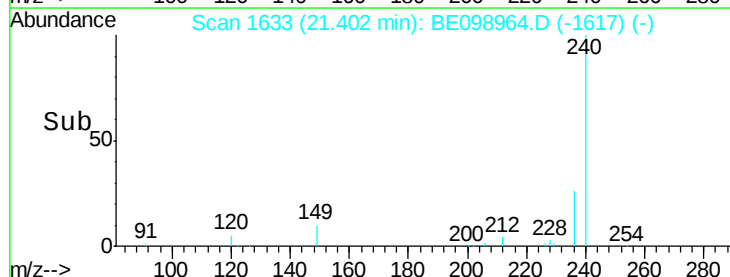
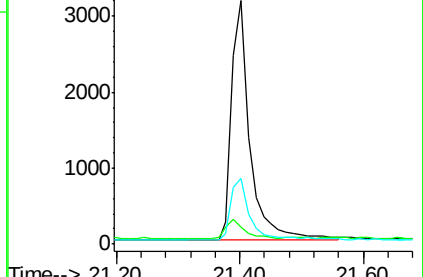
236 26.8 22.7 34.1

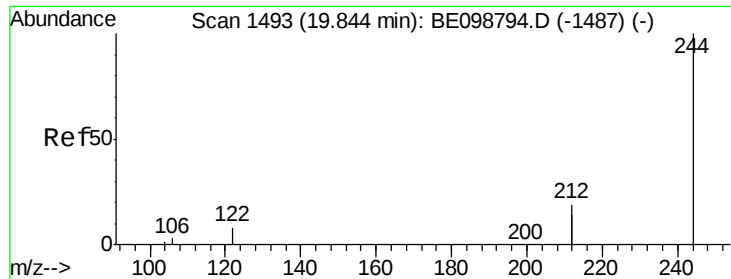


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

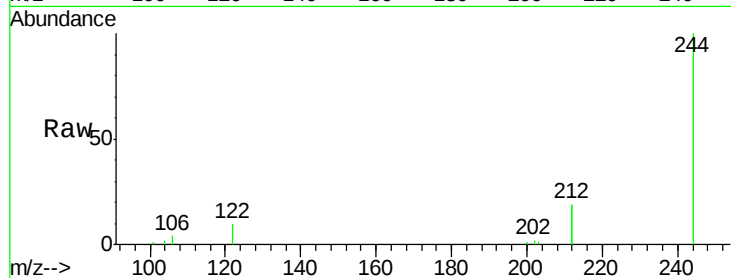
Tgt Ion:244 Resp: 6873

Ion Ratio Lower Upper

244 100

212 39.0 29.4 44.2

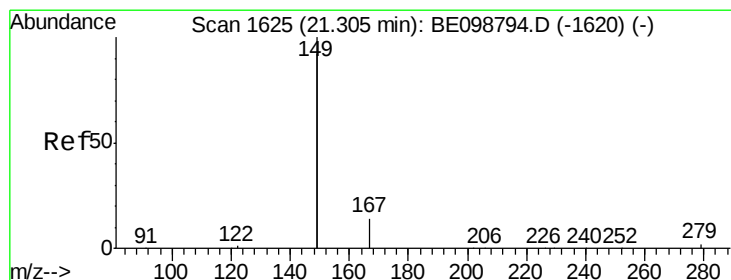
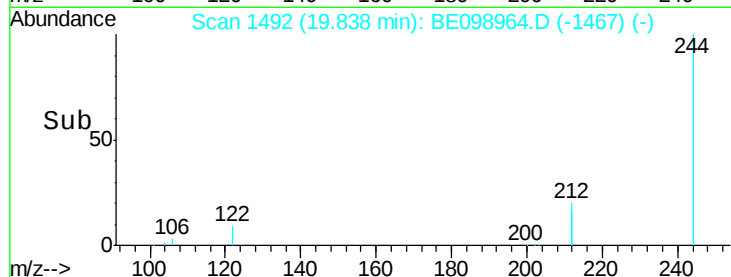
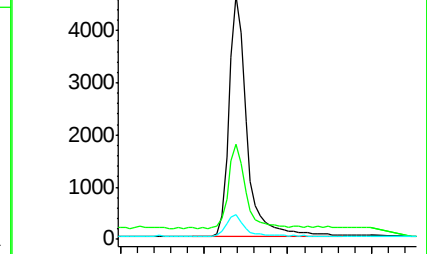
122 10.3 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

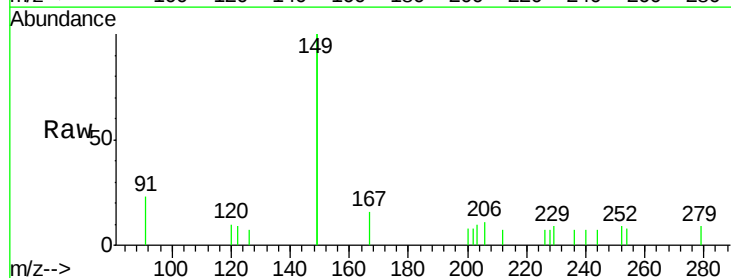
Tgt Ion:149 Resp: 1167

Ion Ratio Lower Upper

149 100

167 5.7 5.4 8.0

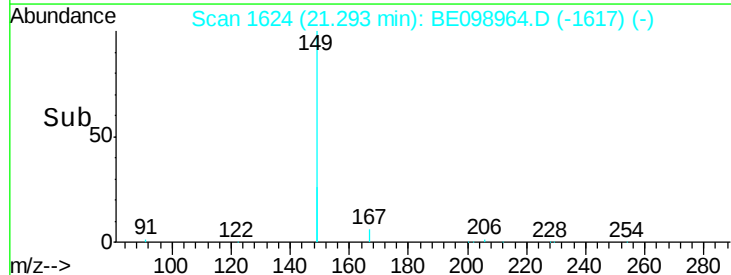
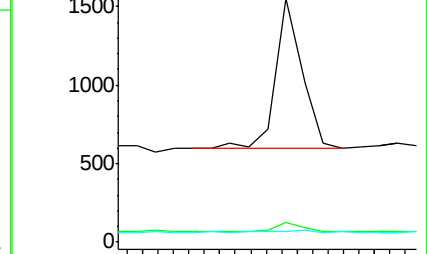
279 4.2 1.0 1.4#

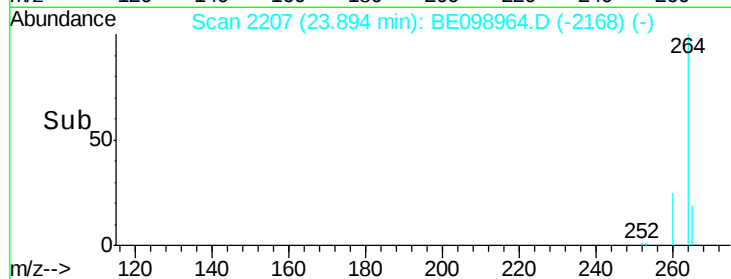
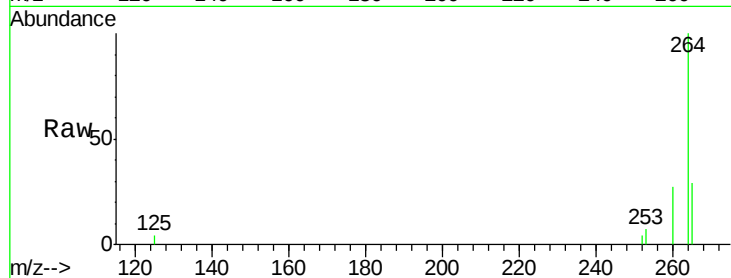
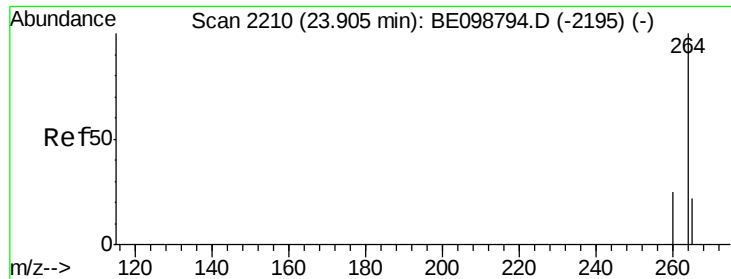


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098964.D

Acq: 15 Mar 2019 3:52

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190313

Tgt Ion: 264 Resp: 6214

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 29.3 24.6 36.8

