

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098444.D
 Acq On : 14 Dec 2018 20:16
 Operator : SJ/JU
 Sample : J6343-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Quant Time: Dec 14 23:32:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

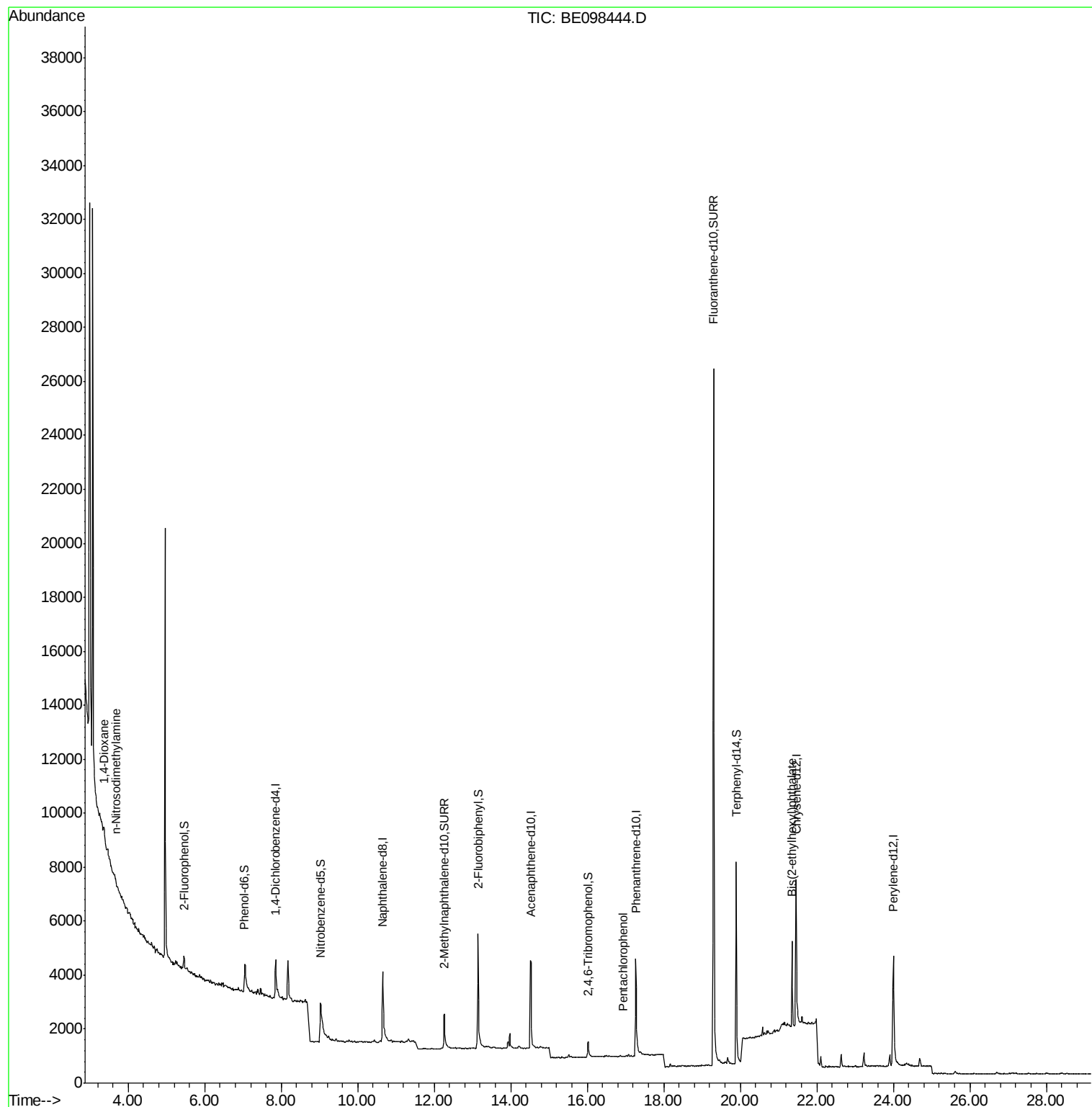
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3897	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2558	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6388	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7965	0.40	ng	0.00
34) Perylene-d12	24.00	264	7213	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	500	0.24	ng	0.00
5) Phenol-d6	7.04	99	400	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1398	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2717	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	508	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5532	0.51	ng	0.00
25) Fluoranthene-d10	19.30	212	39307	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	7613	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	262	0.168	ng	Qvalue # 67
3) n-Nitrosodimethylamine	3.68	42	54	0.038	ng	# 100
22) Pentachlorophenol	16.94	266	8	0.030	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	3593	0.078	ng	# 99

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

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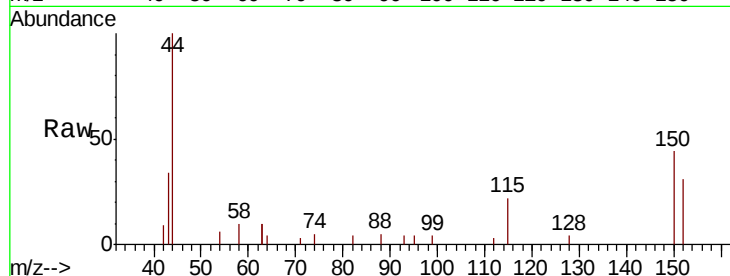


#1

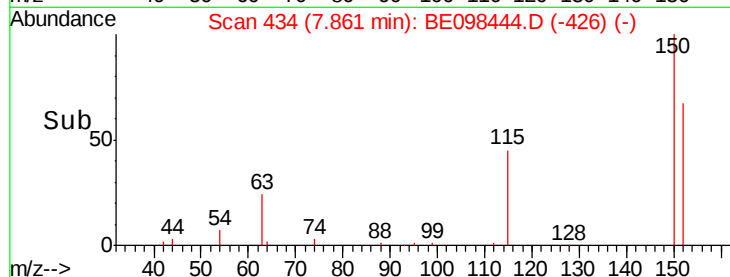
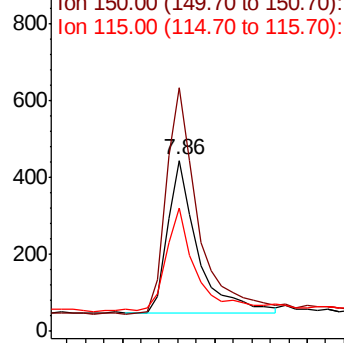
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW310S-20181209

Tgt Ion: 152 Resp: 904
Ion Ratio Lower Upper
152 100
150 142.2 124.2 186.4
115 71.7 53.9 80.9



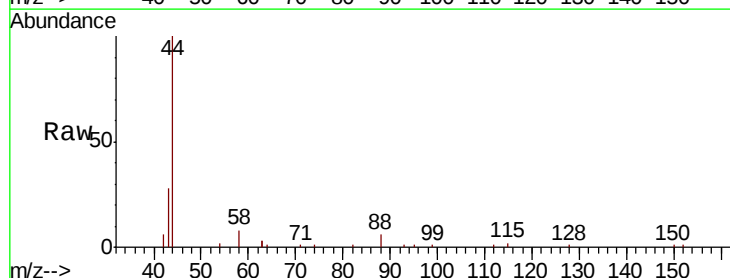
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



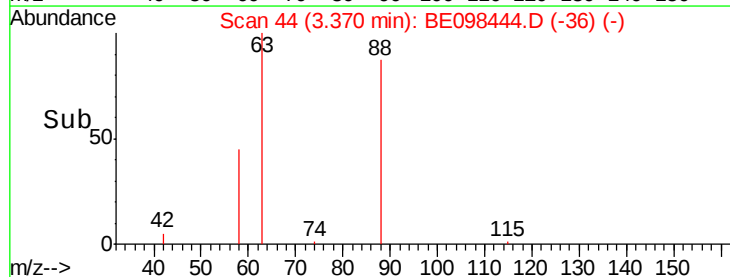
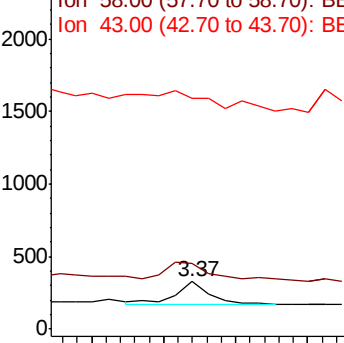
#2

1,4-Dioxane
Concen: 0.168 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
58 80.9 75.0 112.6
43 0.0 38.3 57.5#



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



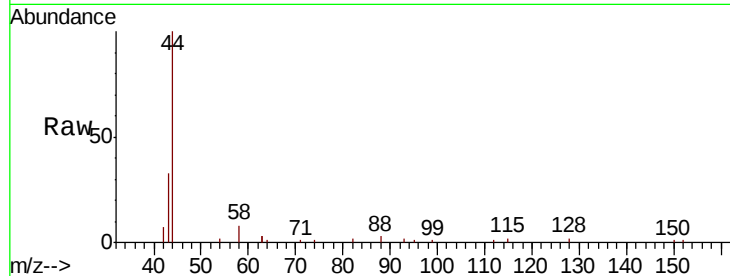


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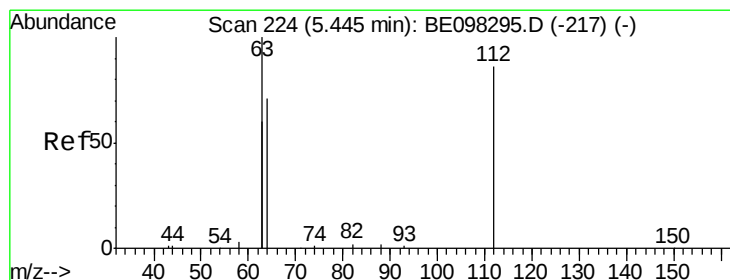
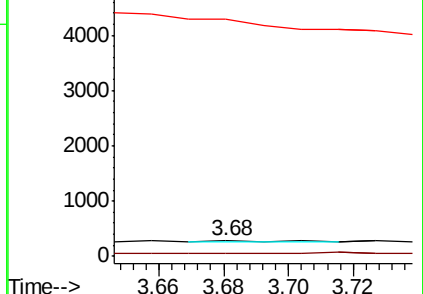
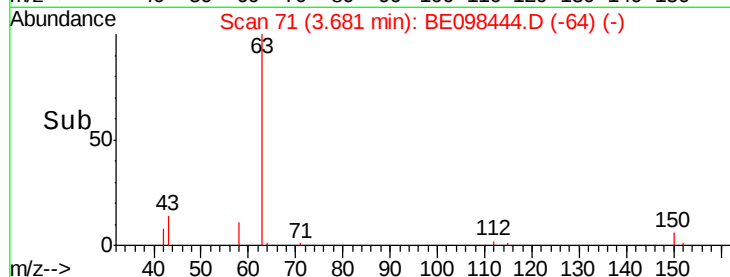
n-Nitrosodimethylamine
 Concen: 0.038 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Instrument :
 BNA_G
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 BPS1-TT-MW310S-20181209

Tgt Ion:	42	Resp:	54
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



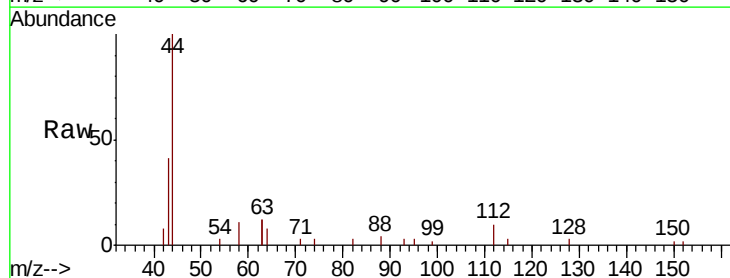
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



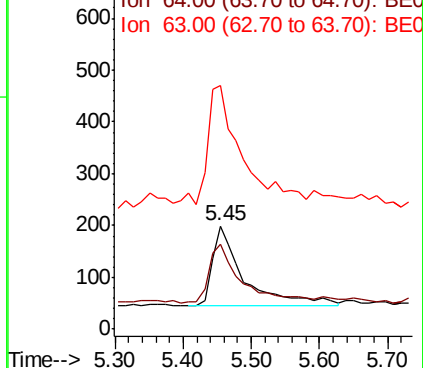
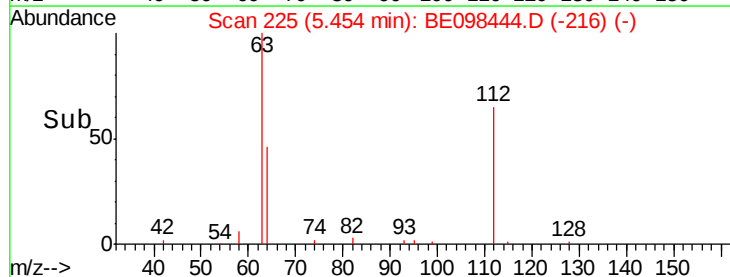
#4

2-Fluorophenol
 Concen: 0.236 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Tgt Ion:	112	Resp:	500
Ion	Ratio	Lower	Upper
112	100		
64	74.6	59.8	89.8
63	153.4	133.7	200.5



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: 0.133 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098444.D

Acq: 14 Dec 2018 20:16

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW310S-20181209

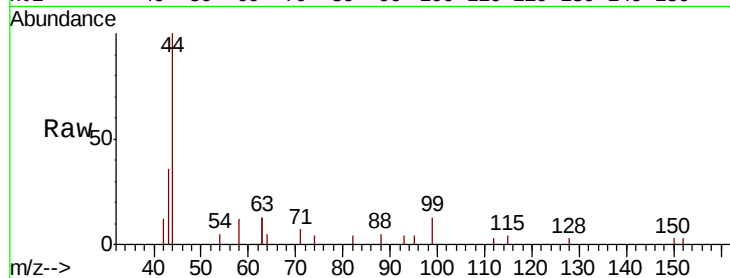
Tgt Ion: 99 Resp: 400

Ion Ratio Lower Upper

99 100

42 58.0 26.3 39.5#

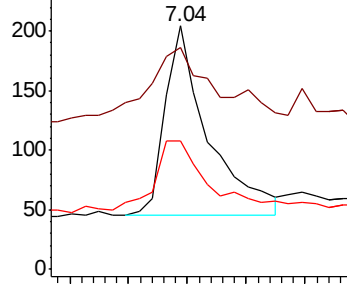
71 44.0 33.6 50.4



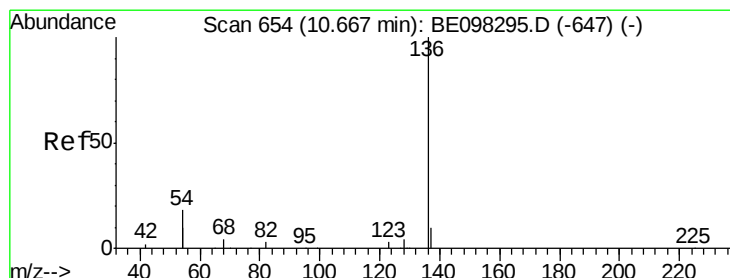
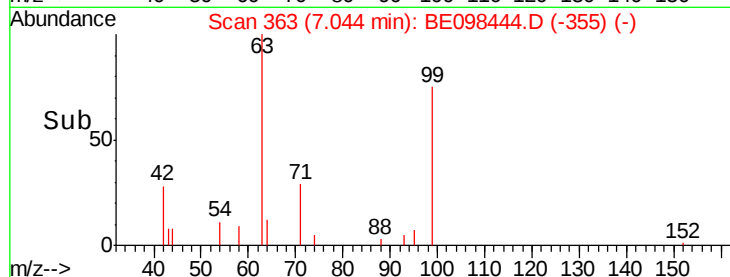
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098444.D

Acq: 14 Dec 2018 20:16

Tgt Ion: 136 Resp: 3897

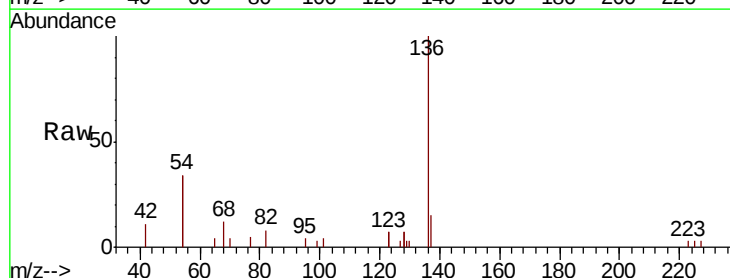
Ion Ratio Lower Upper

136 100

137 14.6 9.2 13.8#

54 68.1 28.4 42.6#

68 12.1 5.4 8.0#

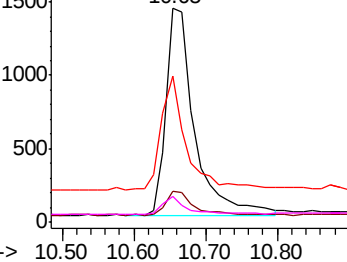


Abundance Ion 136.00 (135.70 to 136.70): E

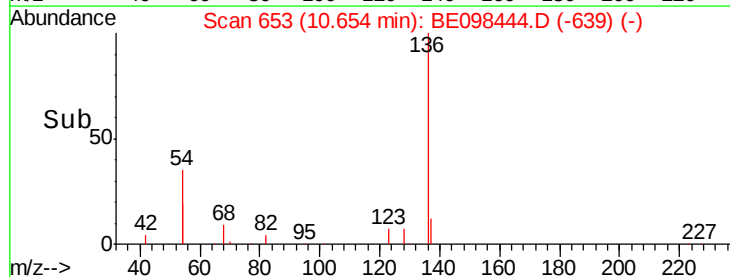
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

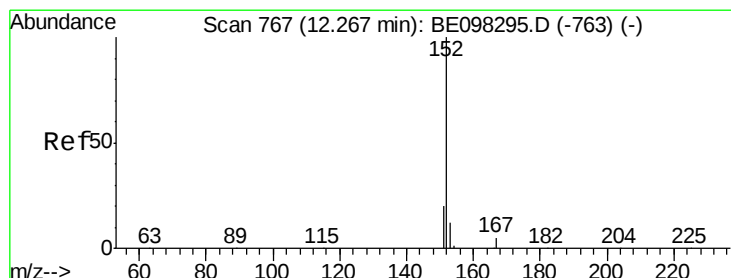
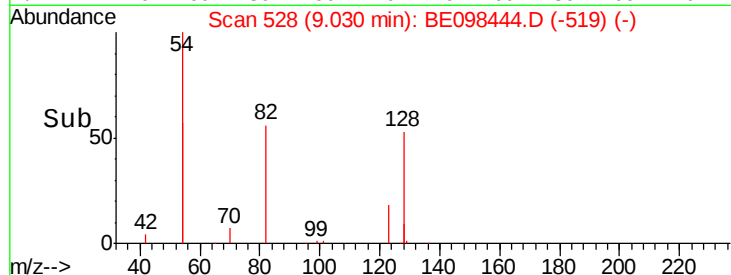
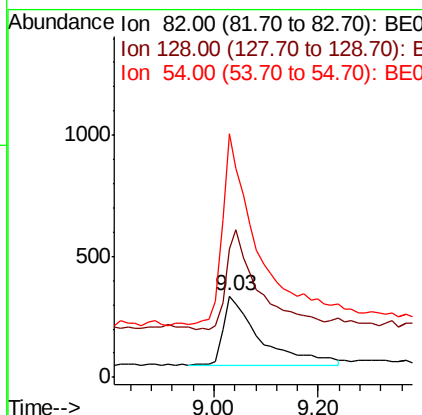
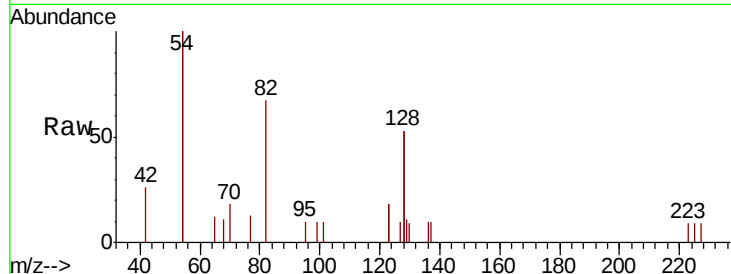




#8
 Nitrobenzene-d5
 Concen: 0.394 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

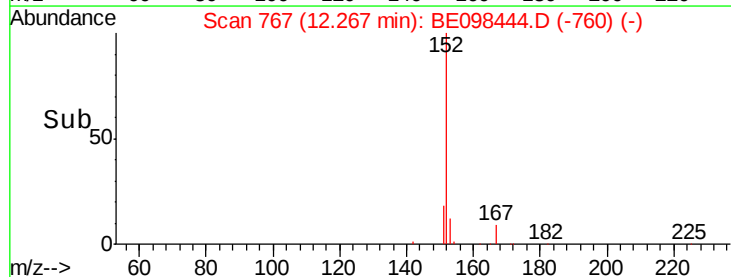
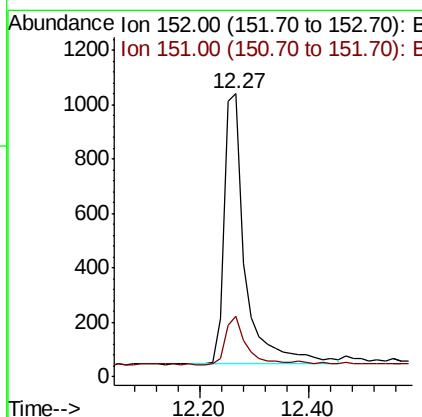
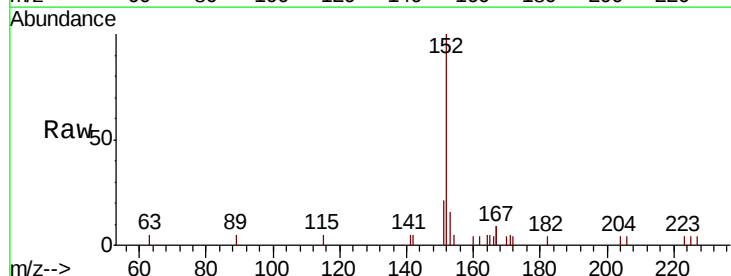
Instrument :
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 BPS1-TT-MW310S-20181209

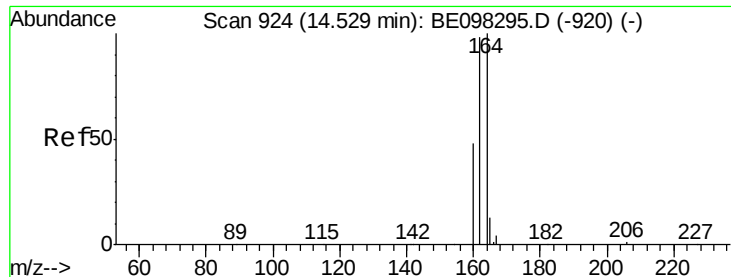
Tgt Ion: 82 Resp: 1398
 Ion Ratio Lower Upper
 82 100
 128 157.7 102.4 153.6#
 54 299.4 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Tgt Ion: 152 Resp: 2717
 Ion Ratio Lower Upper
 152 100
 151 18.2 16.2 24.4

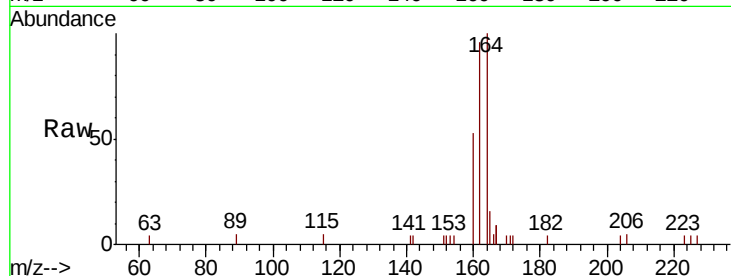




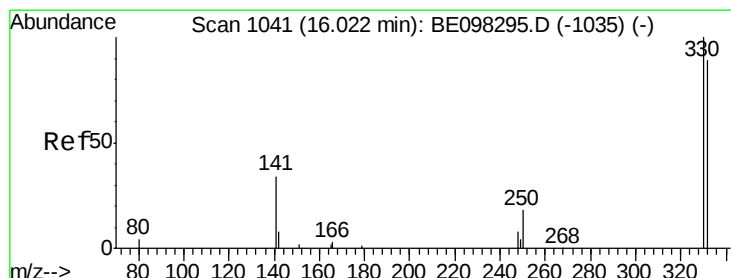
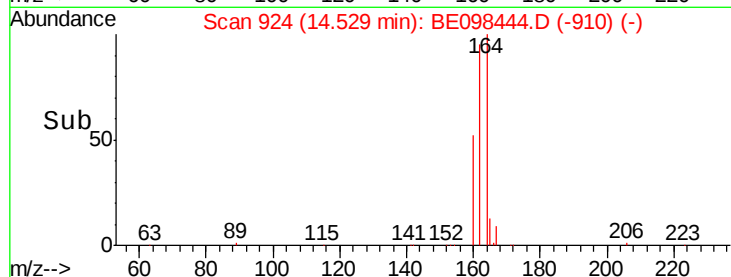
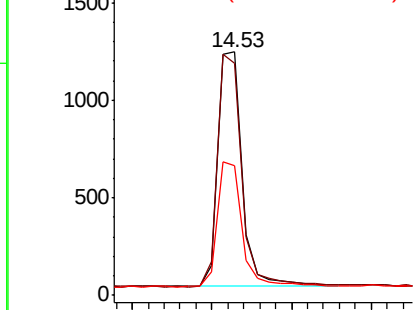
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Tgt Ion:164 Resp: 2558
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.6 116.4
 160 53.3 36.0 54.0

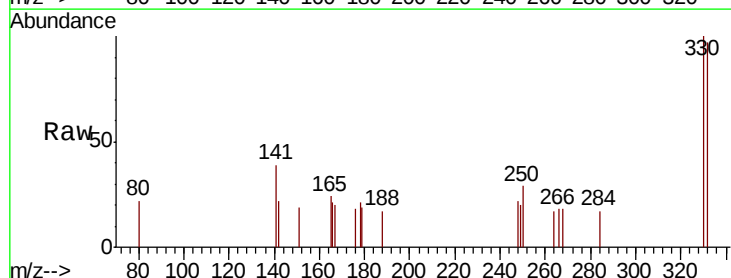


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

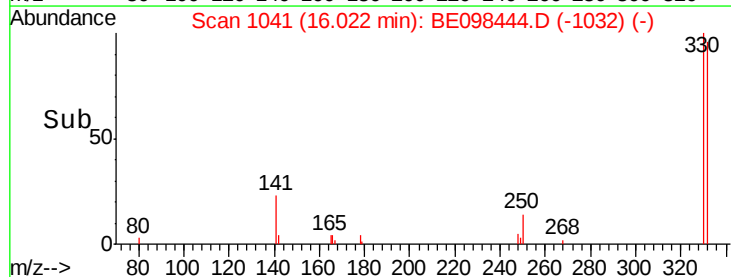
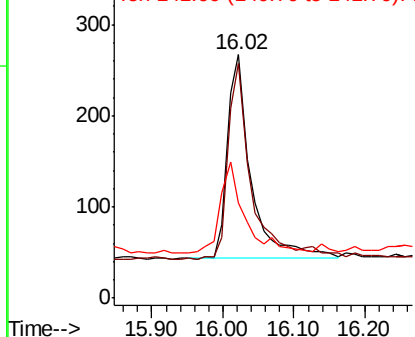


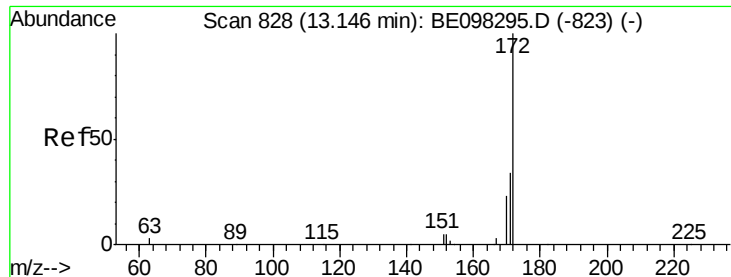
#14
 2,4,6-Tribromophenol
 Concen: 0.541 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Tgt Ion:330 Resp: 508
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.2 114.4
 141 47.8 39.0 58.4



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

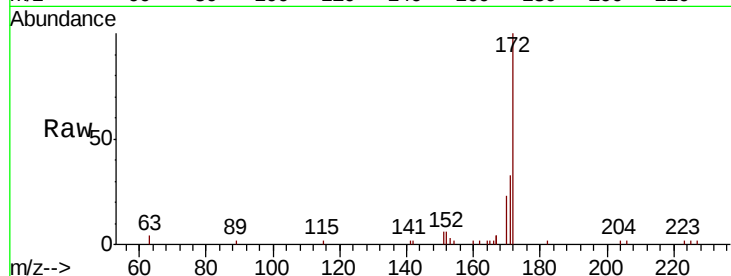




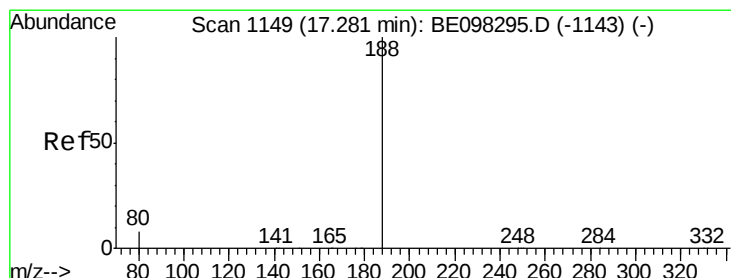
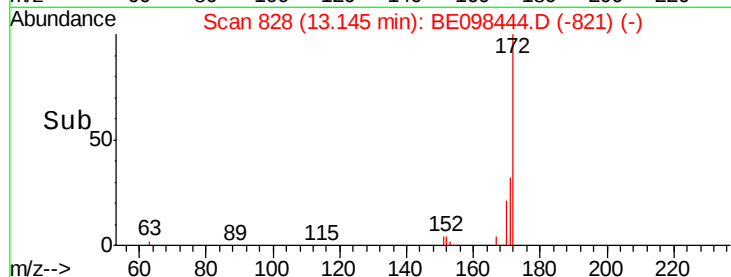
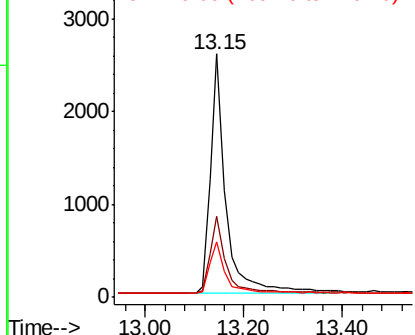
#15
2-Fluorobiphenyl
Concen: 0.513 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW310S-20181209

Tgt Ion:172 Resp: 5532
Ion Ratio Lower Upper
172 100
171 33.2 27.5 41.3
170 22.7 19.6 29.4

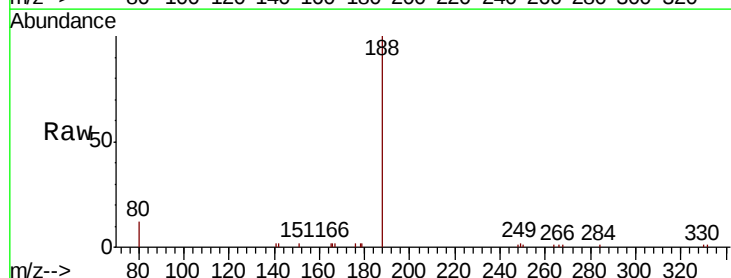


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

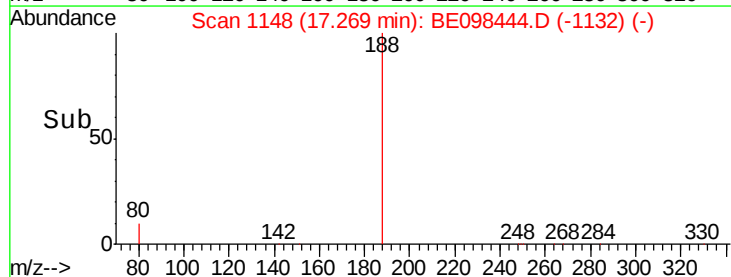
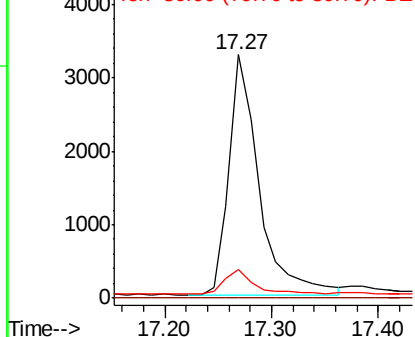


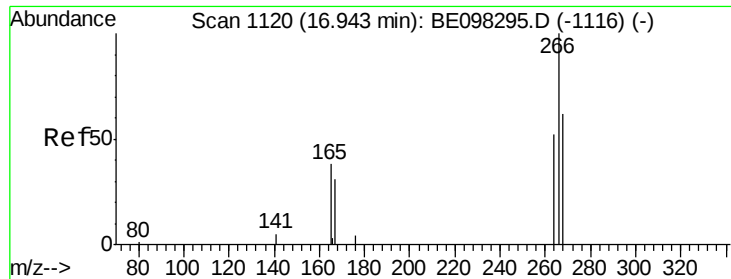
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

Tgt Ion:188 Resp: 6388
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.2 10.8#



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

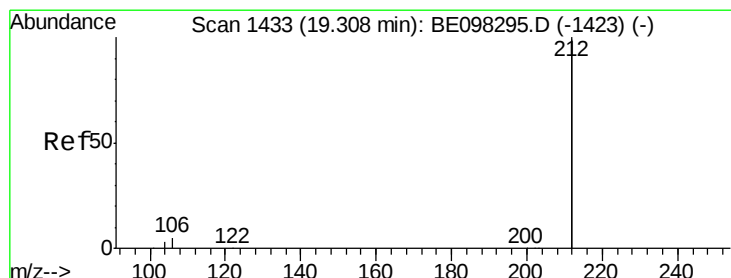
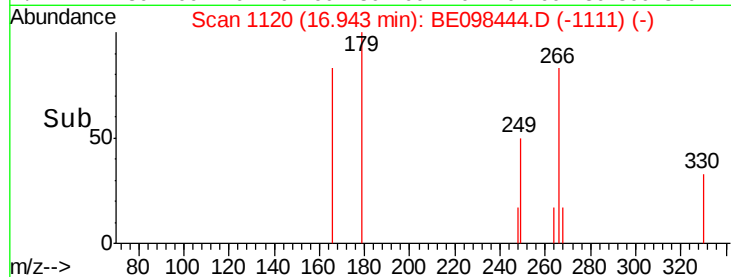
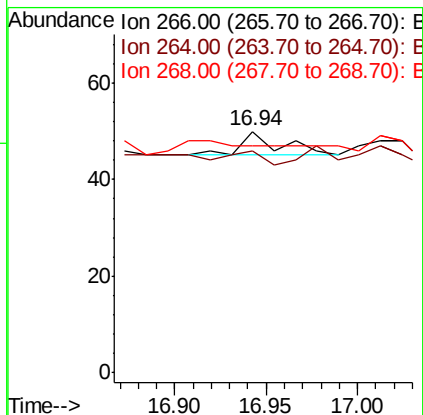
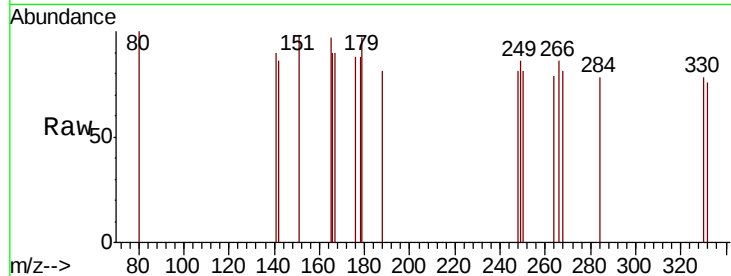




#22
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

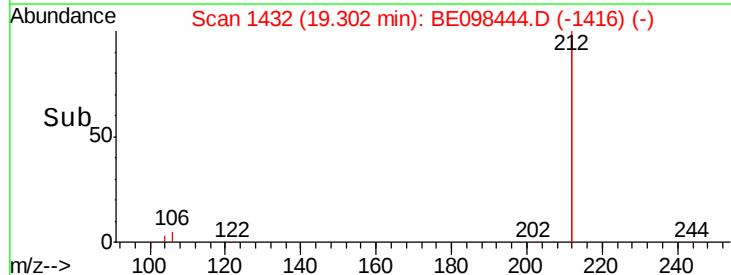
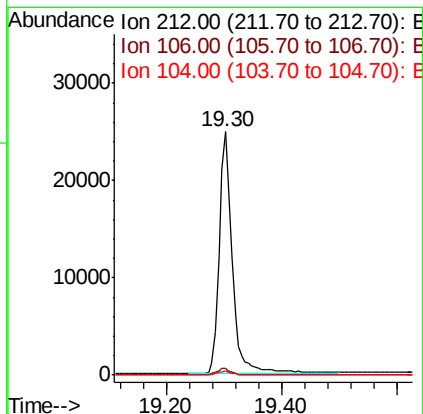
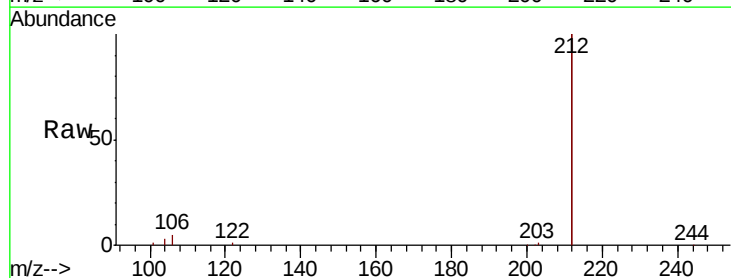
Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW310S-20181209

Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 92.0 59.0 88.4#
 268 94.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.480 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098444.D
 Acq: 14 Dec 2018 20:16

Tgt Ion: 212 Resp: 39307
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.5 1.3 1.9

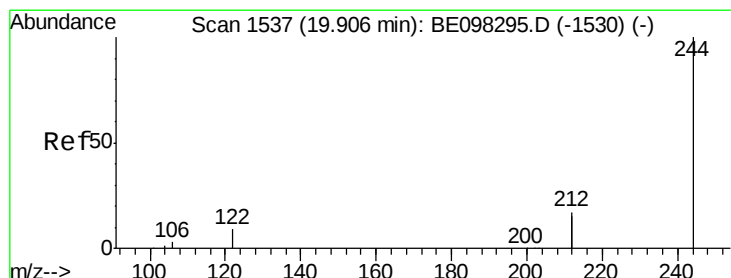
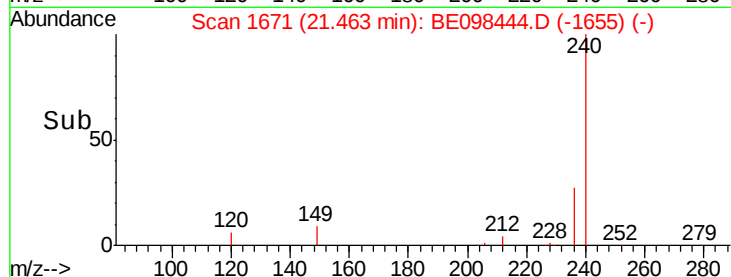
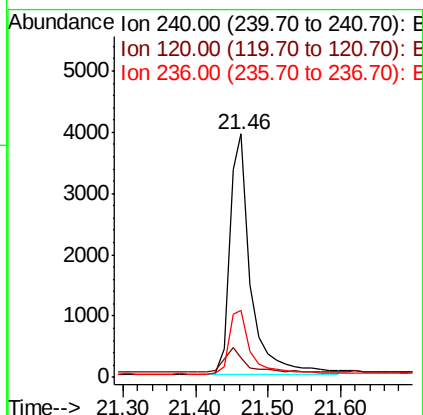
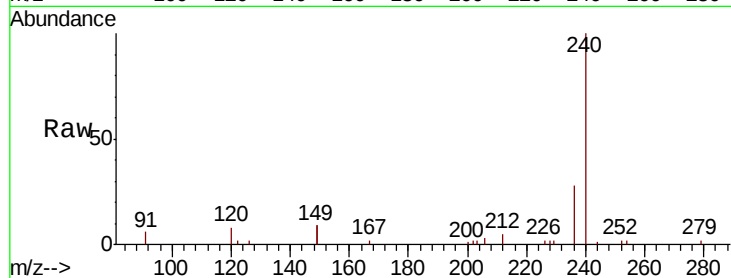




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

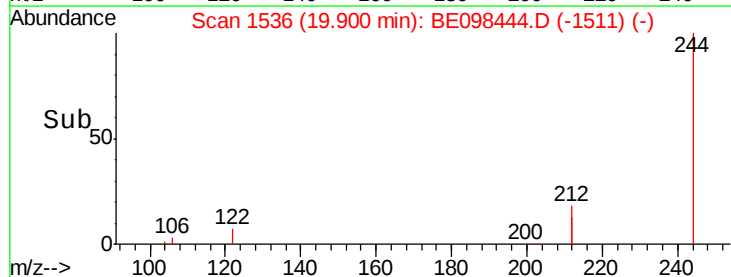
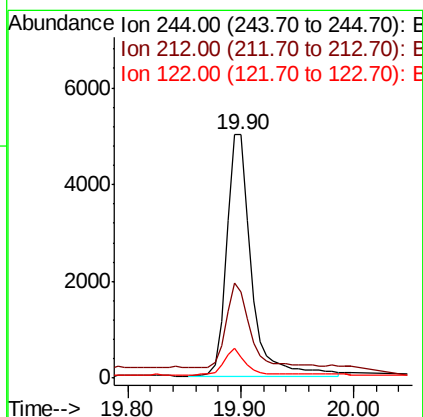
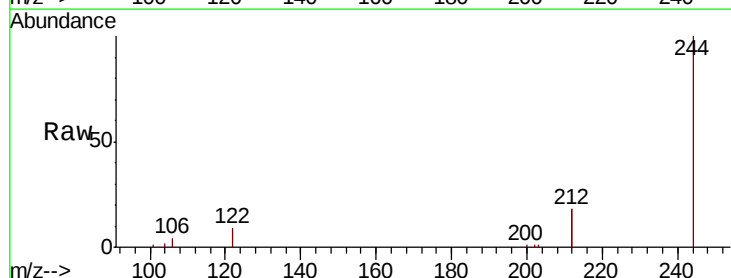
Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW310S-20181209

Tgt Ion:240 Resp: 7965
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 27.7 22.7 34.1



#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098444.D
Acq: 14 Dec 2018 20:16

Tgt Ion:244 Resp: 7613
Ion Ratio Lower Upper
244 100
212 35.2 27.4 41.0
122 8.6 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098444.D

Acq: 14 Dec 2018 20:16

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW310S-20181209

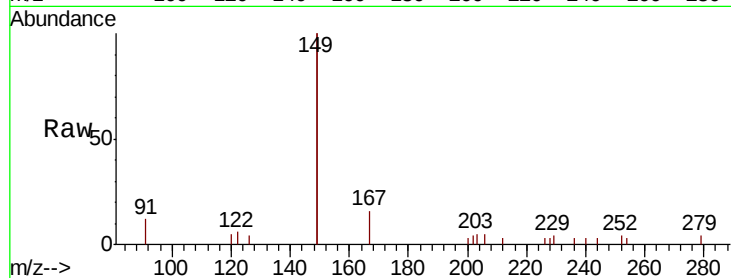
Tgt Ion:149 Resp: 3593

Ion Ratio Lower Upper

149 100

167 7.5 5.7 8.5

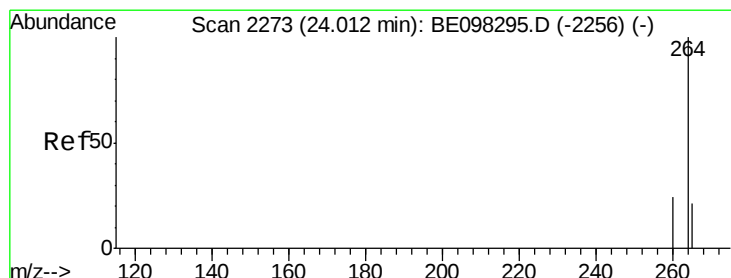
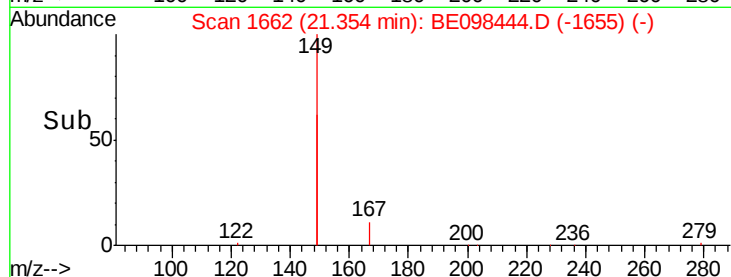
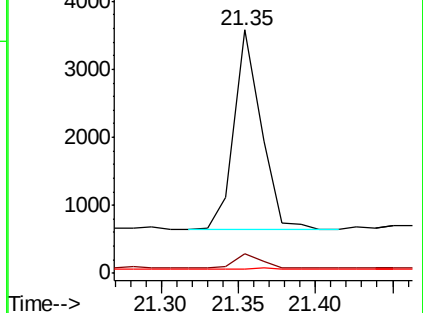
279 1.8 1.0 1.4#



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098444.D

Acq: 14 Dec 2018 20:16

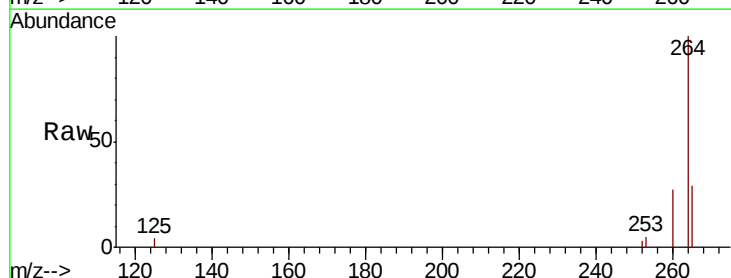
Tgt Ion:264 Resp: 7213

Ion Ratio Lower Upper

264 100

260 27.3 20.2 30.2

265 28.8 25.2 37.8



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

