

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098461.D
 Acq On : 15 Dec 2018 8:00
 Operator : SJ/JU
 Sample : J6358-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307D-20181211

Quant Time: Dec 16 00:51:47 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

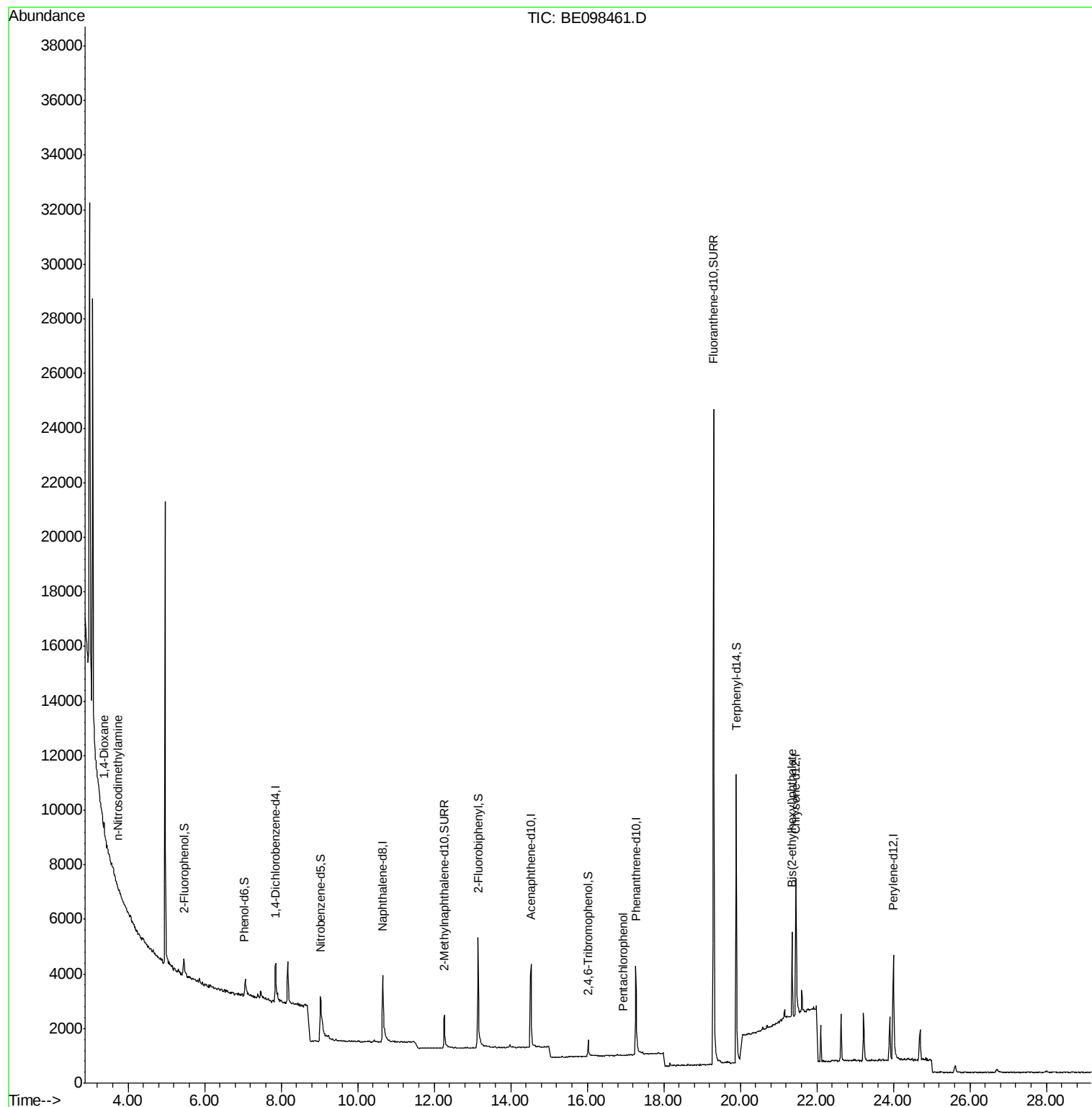
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	887	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3675	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2388	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5834	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7074	0.40	ng	-0.01
34) Perylene-d12	24.00	264	6697	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	491	0.24	ng	0.01
5) Phenol-d6	7.05	99	392	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1295	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2478	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	524	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5421	0.54	ng	0.00
25) Fluoranthene-d10	19.30	212	36333	0.49	ng	0.00
29) Terphenyl-d14	19.89	244	10220	0.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	214	0.140	ng	Qvalue # 48
3) n-Nitrosodimethylamine	3.73	42	31	0.022	ng	# 100
22) Pentachlorophenol	16.93	266	12	0.039	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.35	149	3776	0.092	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: BE098461.D

Acq: 15 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20181211

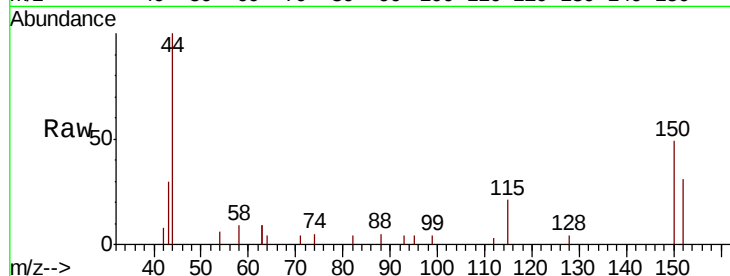
Tgt Ion: 152 Resp: 887

Ion Ratio Lower Upper

152 100

150 155.9 124.2 186.4

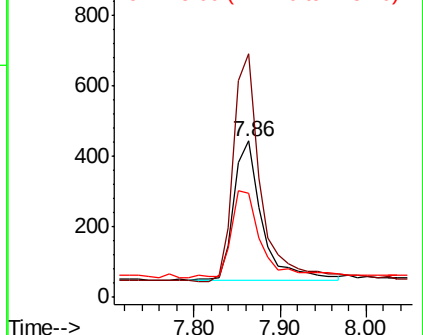
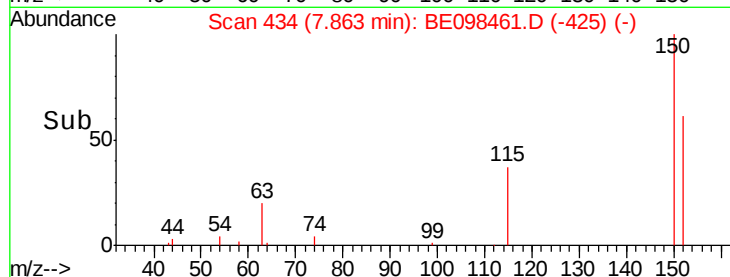
115 66.3 53.9 80.9



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: 0.140 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

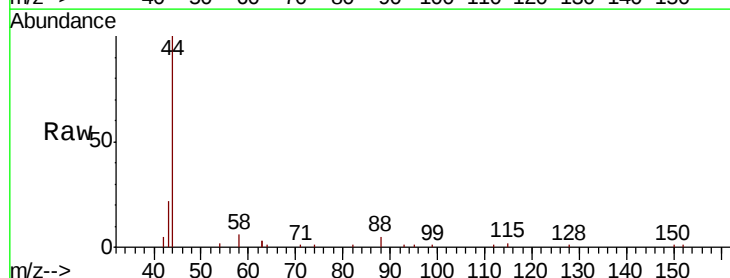
Tgt Ion: 88 Resp: 214

Ion Ratio Lower Upper

88 100

58 52.8 75.0 112.6#

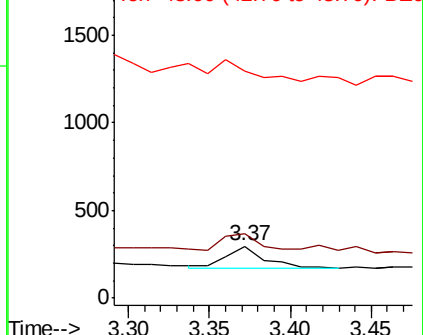
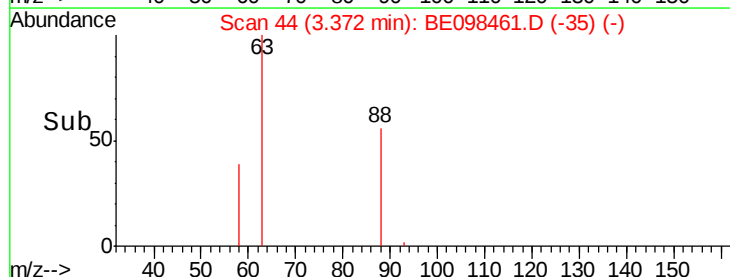
43 0.0 38.3 57.5#



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





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.03 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

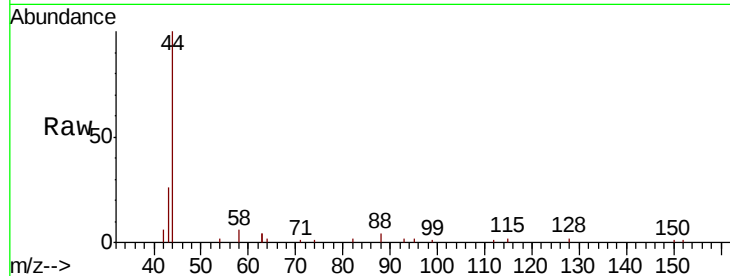
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20181211

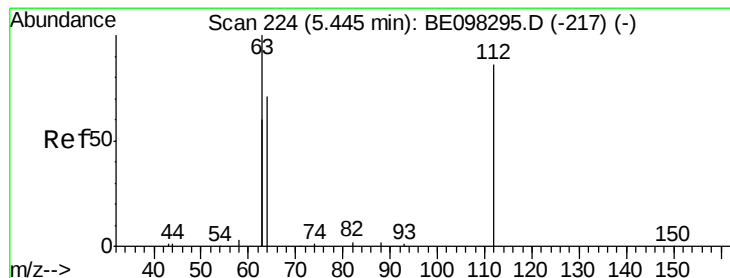
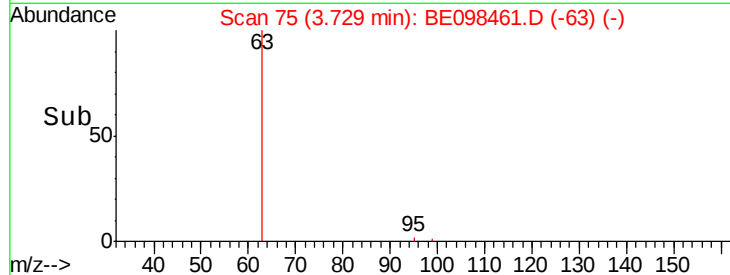
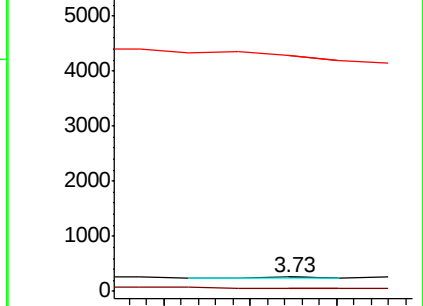
Tgt Ion:	42	Resp:	31
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



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: 0.237 ng

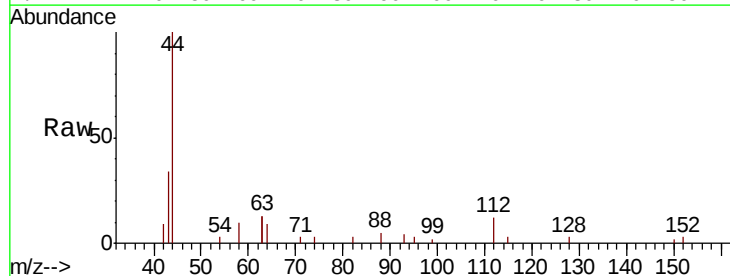
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

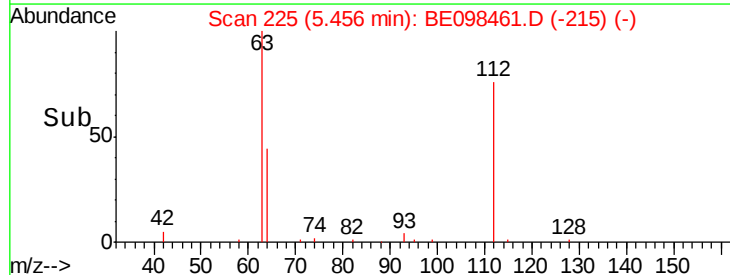
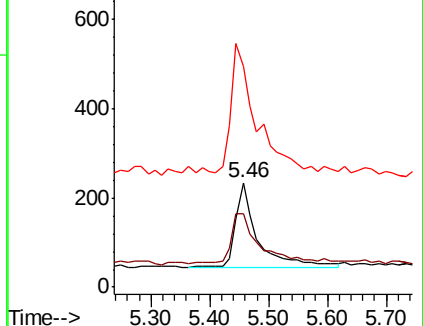
Tgt Ion:	112	Resp:	491
Ion	Ratio	Lower	Upper
112	100		
64	79.0	59.8	89.8
63	172.9	133.7	200.5



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: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20181211

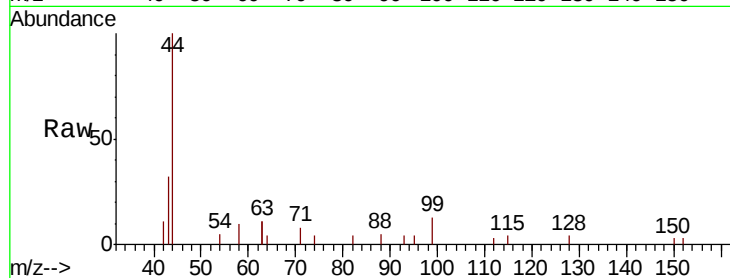
Tgt Ion: 99 Resp: 392

Ion Ratio Lower Upper

99 100

42 35.2 26.3 39.5

71 43.1 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

250

200

150

100

50

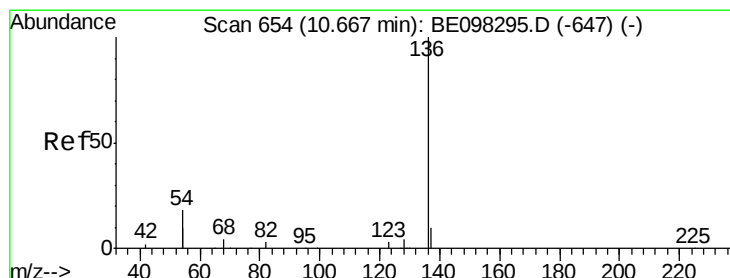
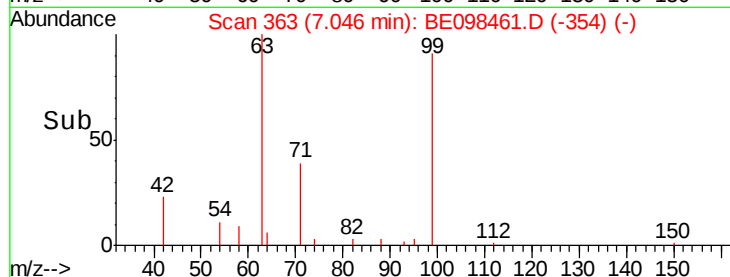
0

7.05

7.10

7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

Tgt Ion: 136 Resp: 3675

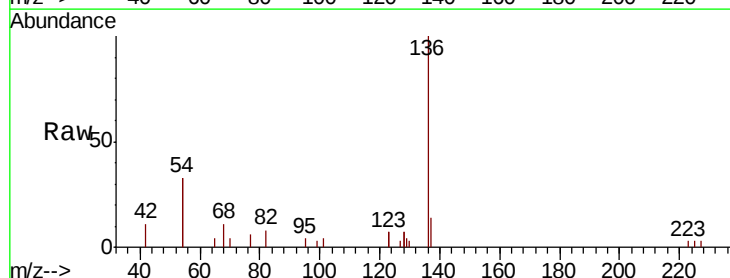
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 65.9 28.4 42.6#

68 10.9 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

2000

1500

1000

500

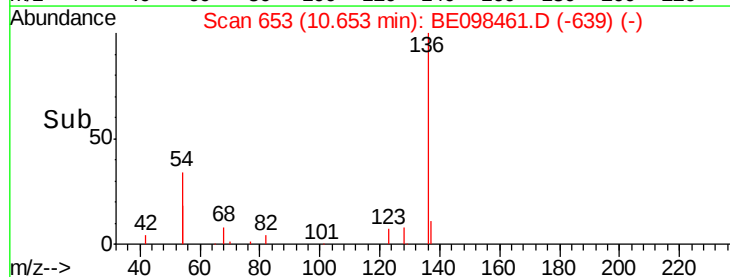
0

10.65

10.70

10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20181211

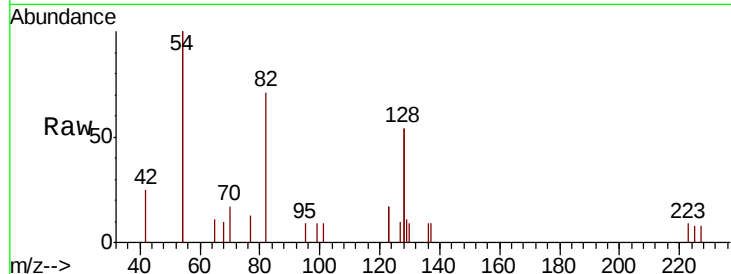
Tgt Ion: 82 Resp: 1295

Ion Ratio Lower Upper

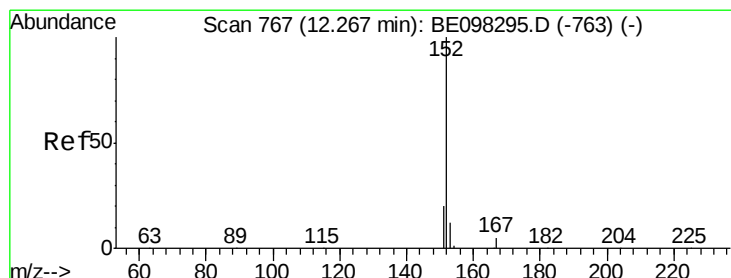
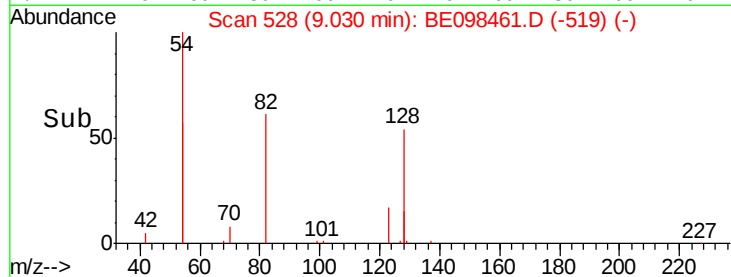
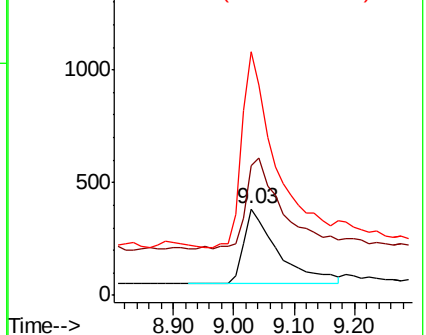
82 100

128 150.5 102.4 153.6

54 281.3 221.8 332.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098461.D

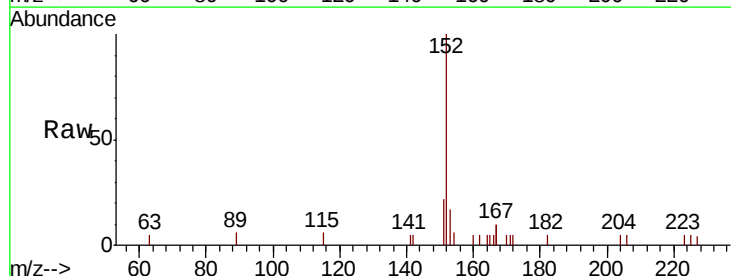
Acq: 15 Dec 2018 8:00

Tgt Ion: 152 Resp: 2478

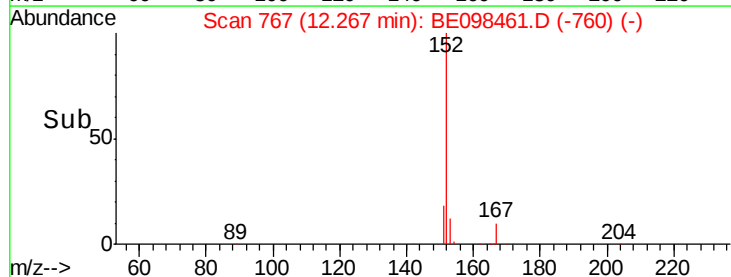
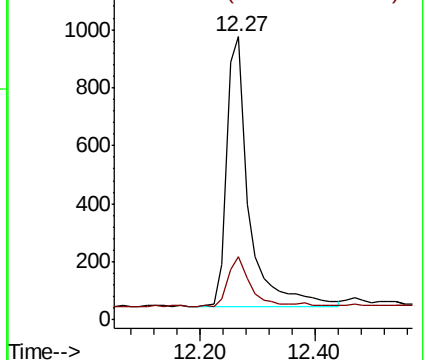
Ion Ratio Lower Upper

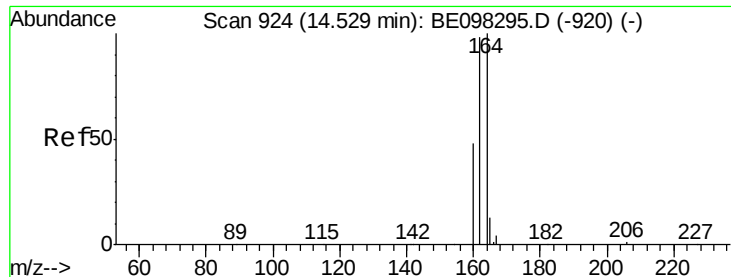
152 100

151 18.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

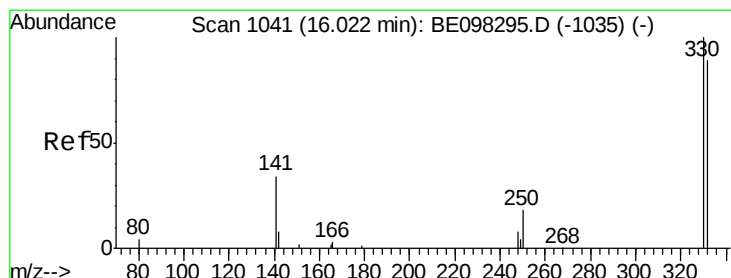
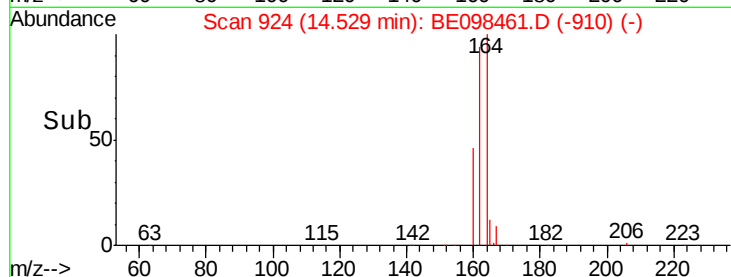
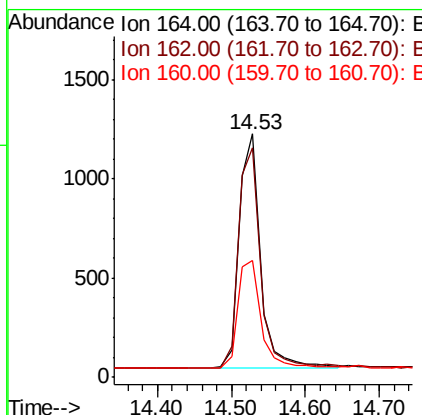
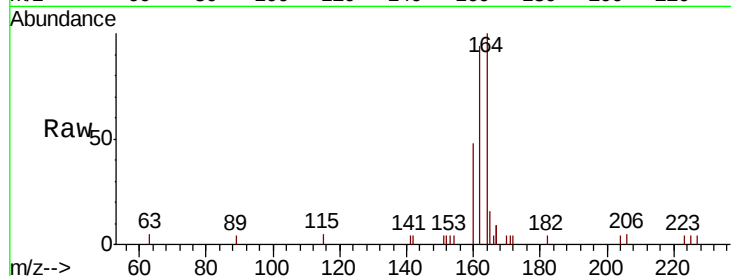




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

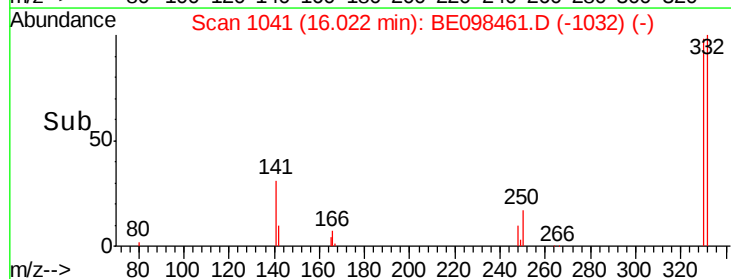
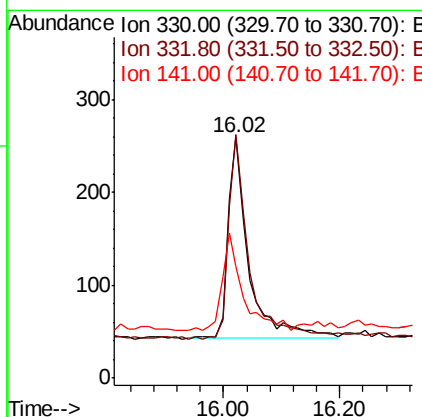
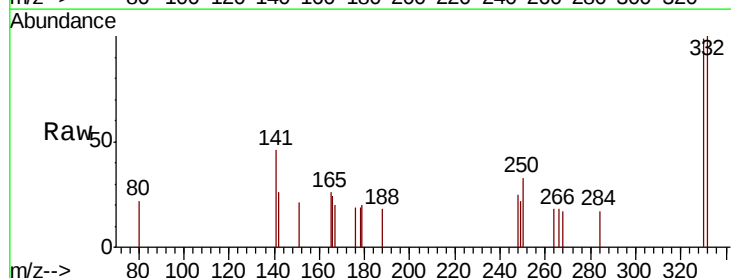
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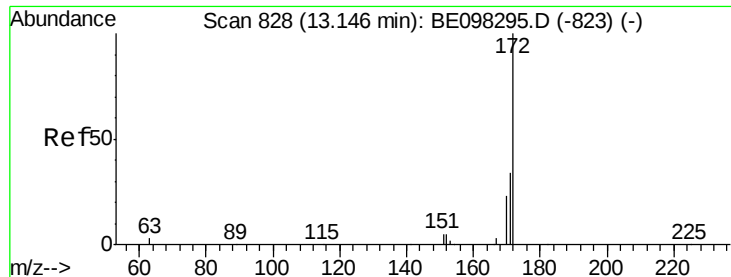
Tgt Ion:164 Resp: 2388
Ion Ratio Lower Upper
164 100
162 94.1 77.6 116.4
160 47.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.598 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

Tgt Ion:330 Resp: 524
Ion Ratio Lower Upper
330 100
332 101.1 76.2 114.4
141 48.9 39.0 58.4

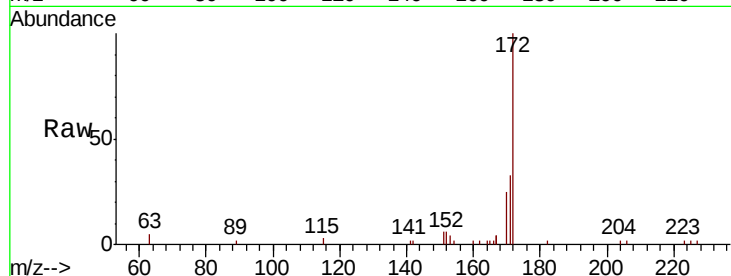




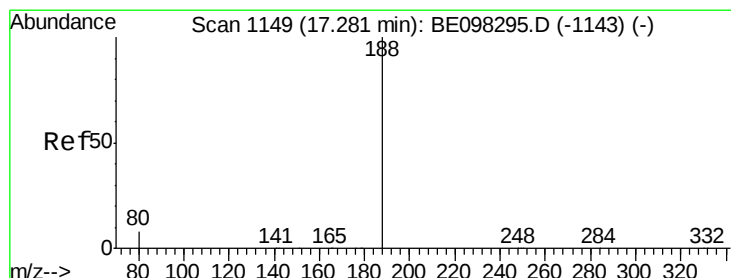
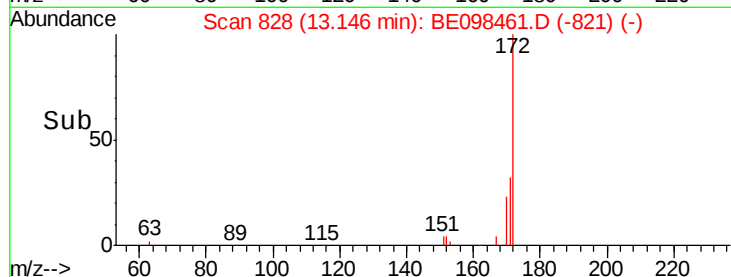
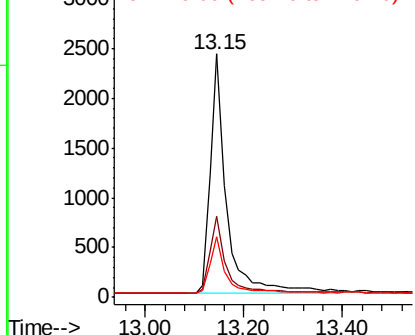
#15
2-Fluorobiphenyl
Concen: 0.538 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307D-20181211

Tgt Ion:172 Resp: 5421
Ion Ratio Lower Upper
172 100
171 33.5 27.5 41.3
170 24.8 19.6 29.4

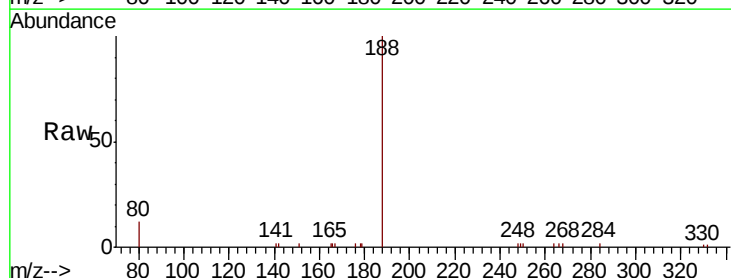


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

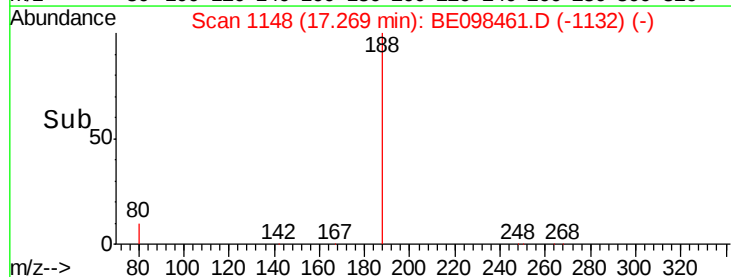
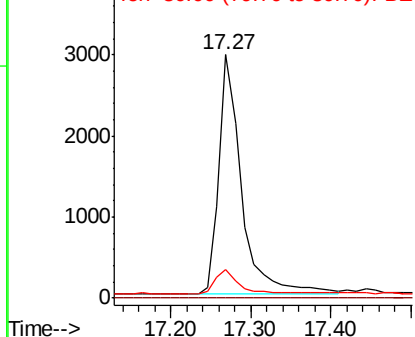


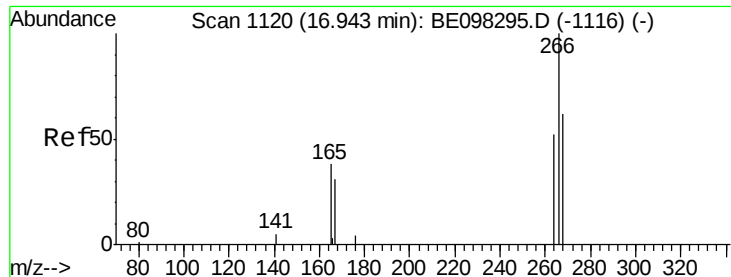
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

Tgt Ion:188 Resp: 5834
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 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: 0.039 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20181211

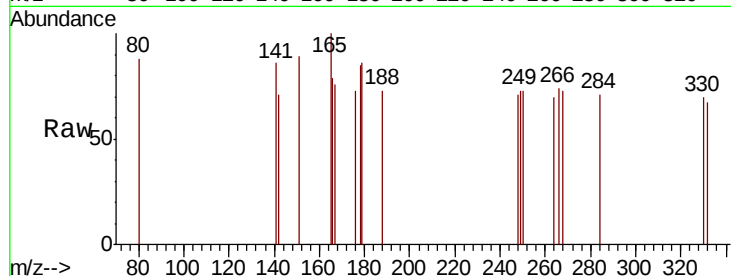
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 93.9 59.0 88.4#

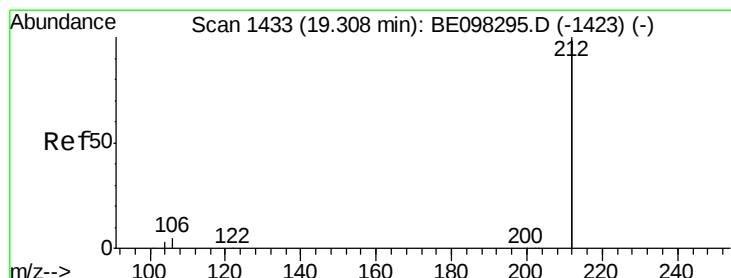
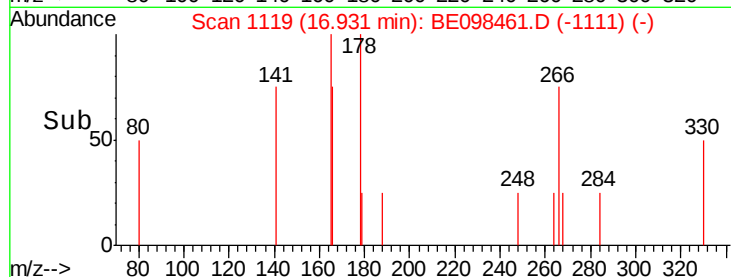
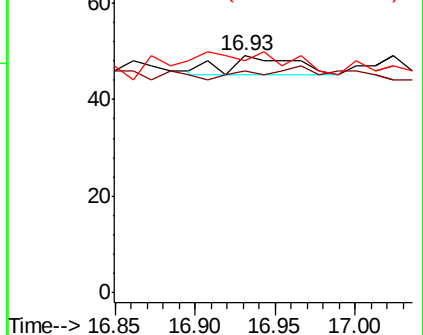
268 98.0 55.1 82.7#



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: 0.485 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098461.D

Acq: 15 Dec 2018 8:00

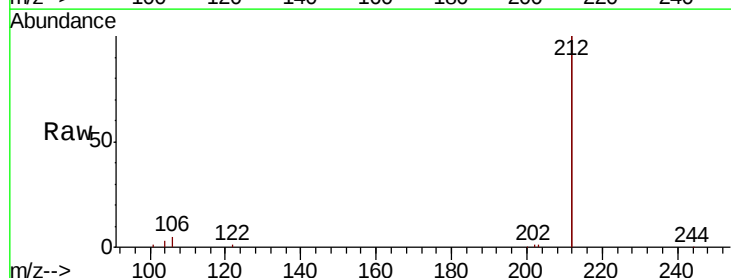
Tgt Ion:212 Resp: 36333

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

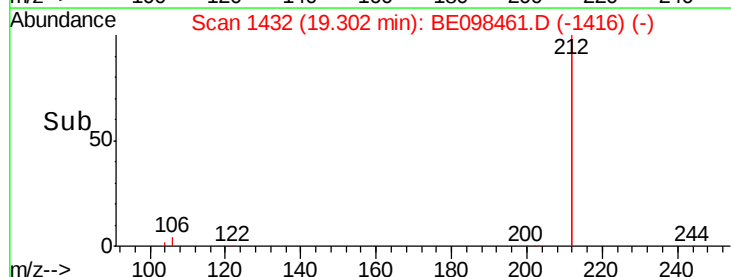
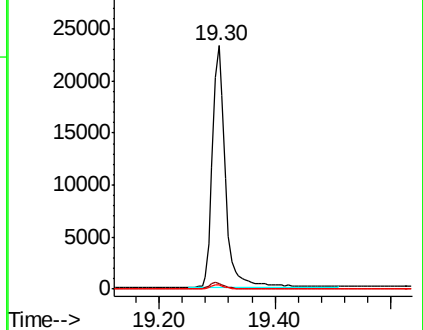
104 1.4 1.3 1.9



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

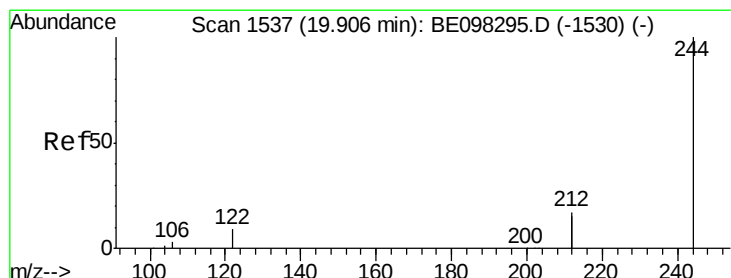
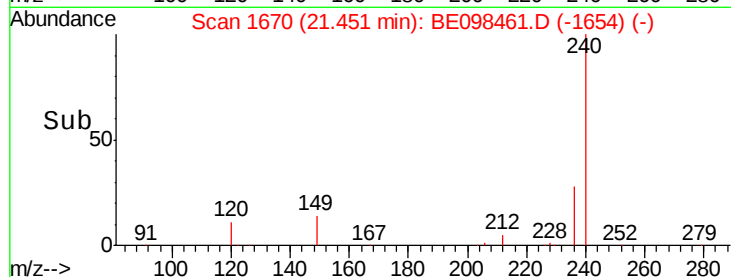
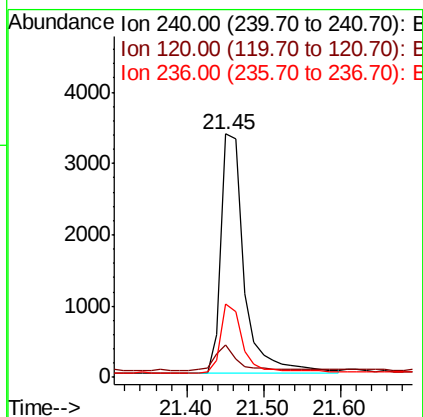
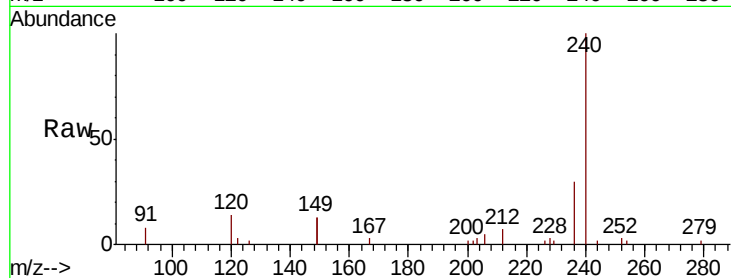




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

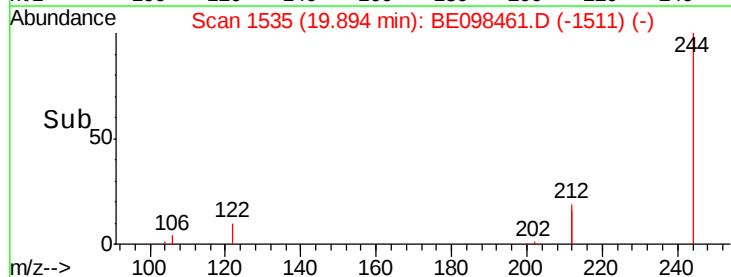
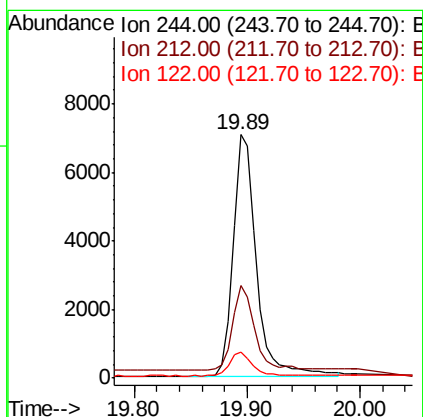
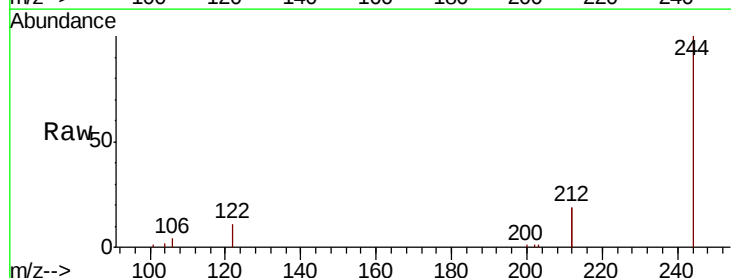
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307D-20181211

Tgt Ion:240 Resp: 7074
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 29.9 22.7 34.1



#29
Terphenyl-d14
Concen: 0.595 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098461.D
Acq: 15 Dec 2018 8:00

Tgt Ion:244 Resp: 10220
Ion Ratio Lower Upper
244 100
212 38.0 27.4 41.0
122 10.6 8.3 12.5

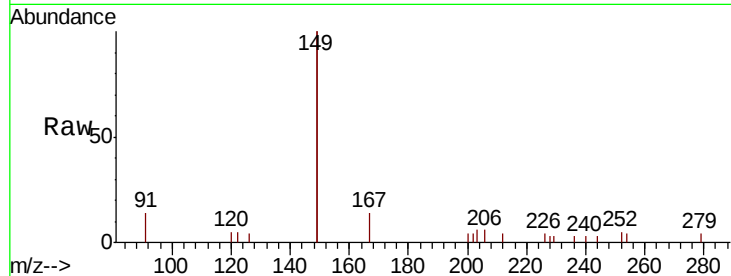




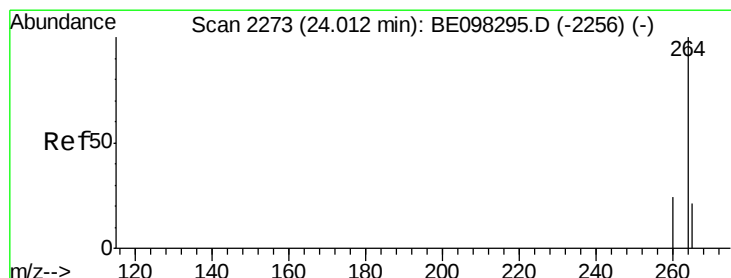
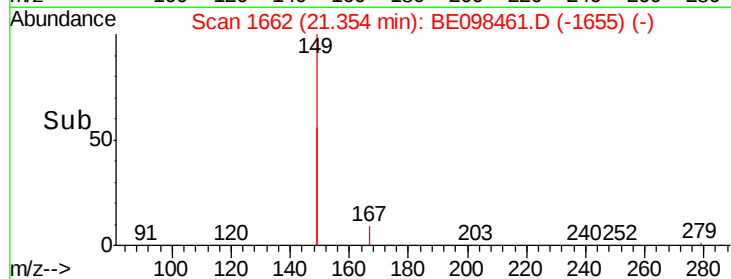
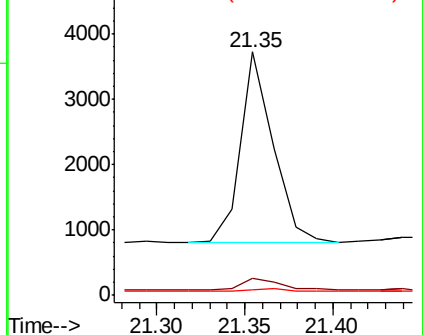
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098461.D
 Acq: 15 Dec 2018 8:00

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307D-20181211

Tgt Ion:149 Resp: 3776
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.7 8.5
 279 1.2 1.0 1.4

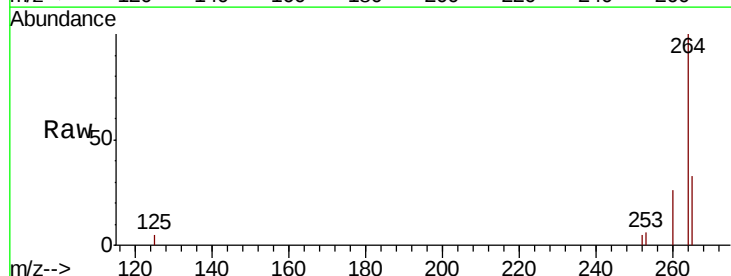


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE098461.D
 Acq: 15 Dec 2018 8:00

Tgt Ion:264 Resp: 6697
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 32.8 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

