

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
 Data File : BE098428.D
 Acq On : 14 Dec 2018 10:20
 Operator : SJ/JU
 Sample : J6343-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29D-20181209

Quant Time: Dec 14 15:18:08 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

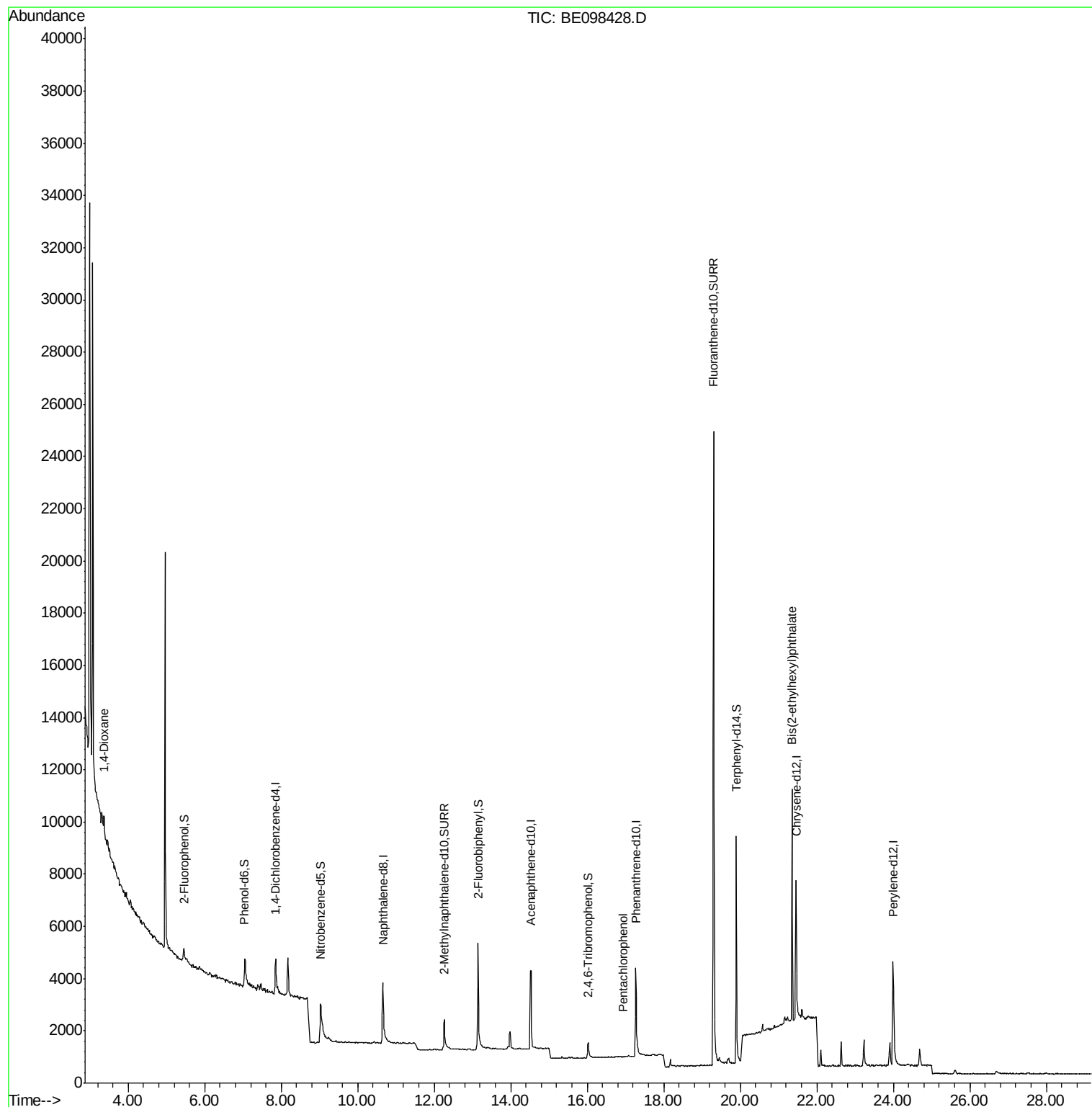
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	873	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3710	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2436	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6414	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7797	0.40	ng	0.00
34) Perylene-d12	23.99	264	7314	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	469	0.23	ng	0.00
5) Phenol-d6	7.04	99	390	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1384	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2439	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	533	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5340	0.52	ng	0.00
25) Fluoranthene-d10	19.30	212	36027	0.44	ng	0.00
29) Terphenyl-d14	19.89	244	8575	0.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	393	0.260	ng	Qvalue # 56
22) Pentachlorophenol	16.94	266	20	0.052	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.35	149	9936	0.220	ng	100

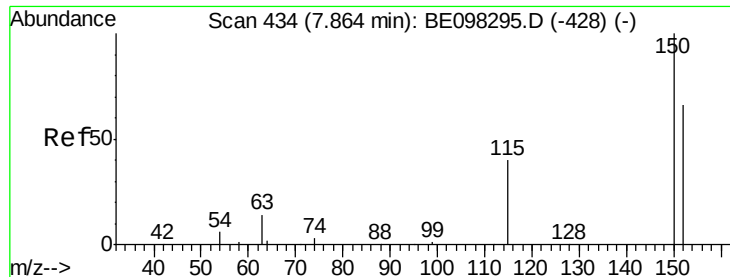
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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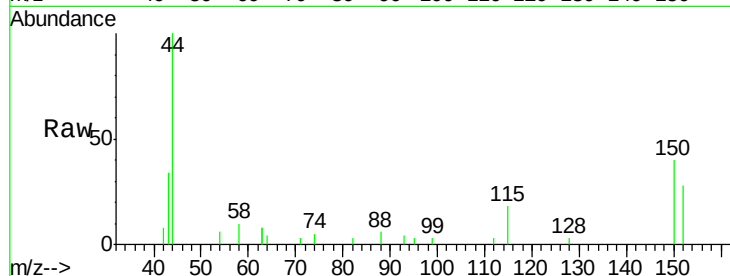


#1

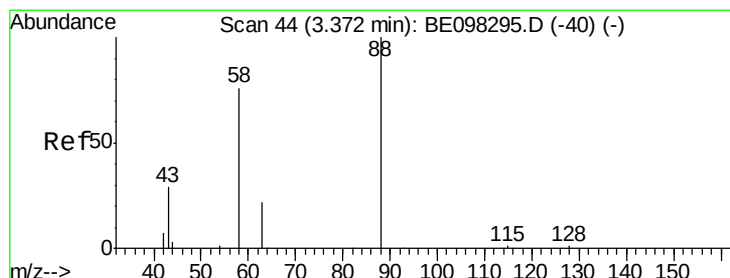
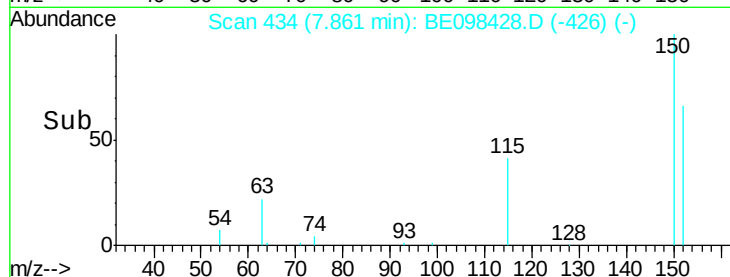
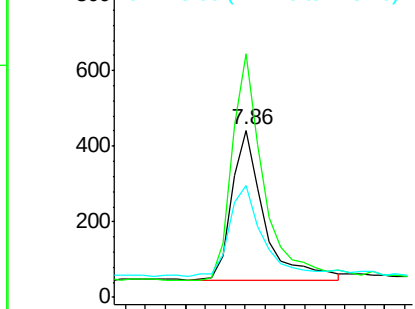
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

Tgt Ion:152 Resp: 873
Ion Ratio Lower Upper
152 100
150 145.7 124.2 186.4
115 66.7 53.9 80.9



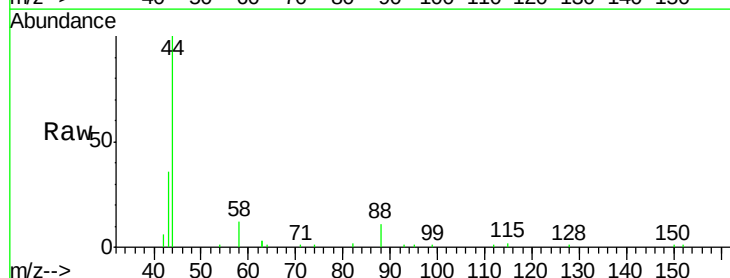
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



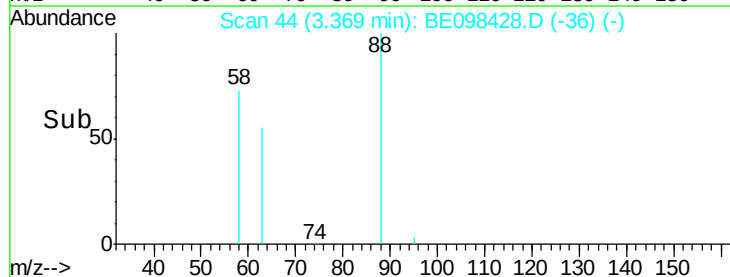
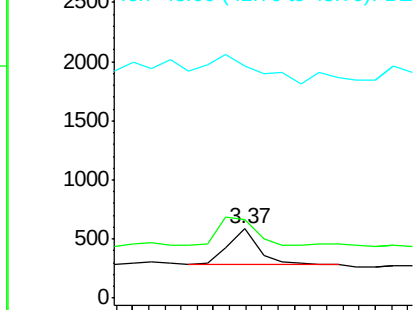
#2

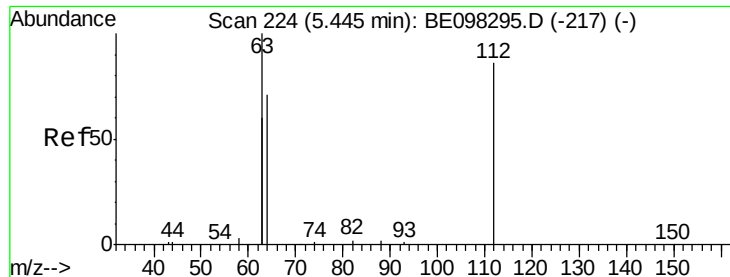
1,4-Dioxane
Concen: 0.260 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
58 95.2 75.0 112.6
43 132.8 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





#4

2-Fluorophenol

Concen: 0.230 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20181209

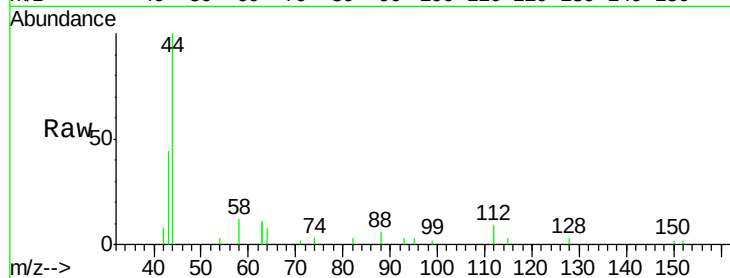
Tgt Ion: 112 Resp: 469

Ion Ratio Lower Upper

112 100

64 77.6 59.8 89.8

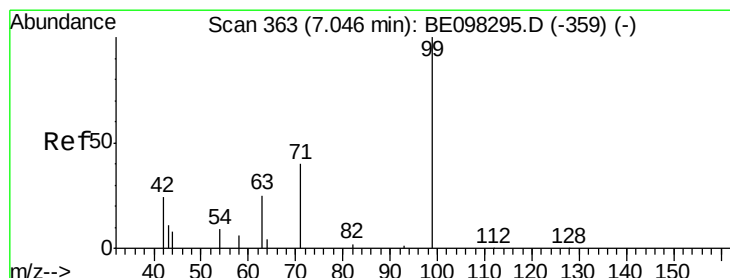
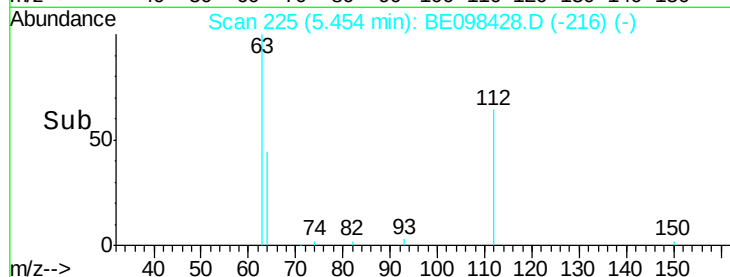
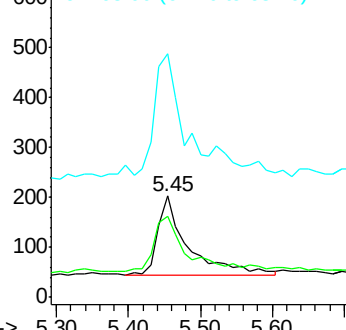
63 143.7 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.135 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

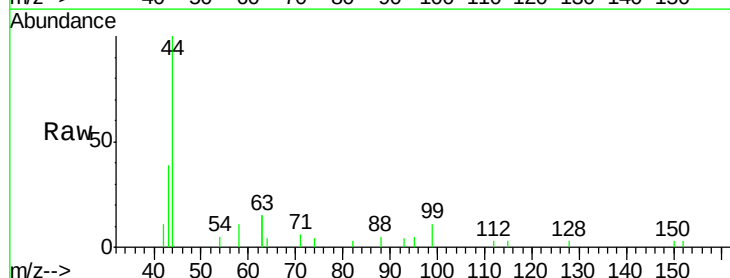
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 57.7 26.3 39.5#

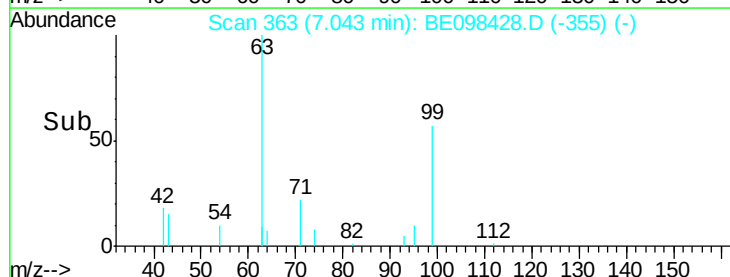
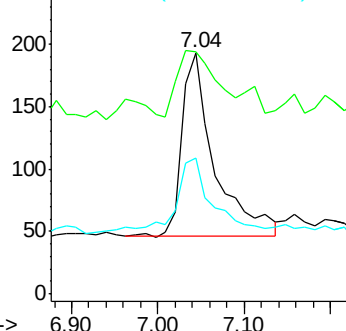
71 36.9 33.6 50.4

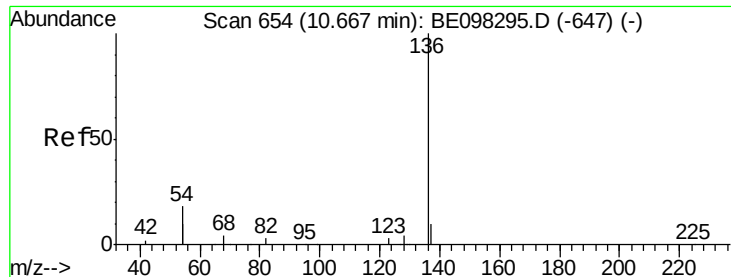


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20181209

Tgt Ion: 136 Resp: 3710

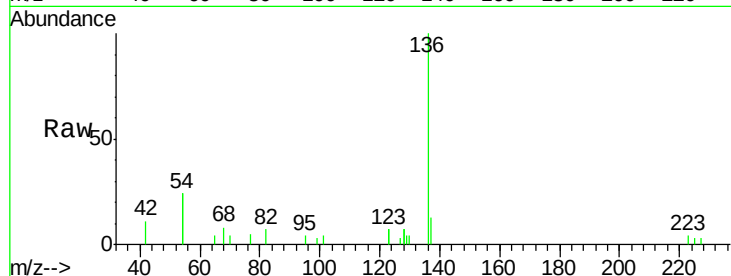
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 47.0 28.4 42.6#

68 8.1 5.4 8.0#

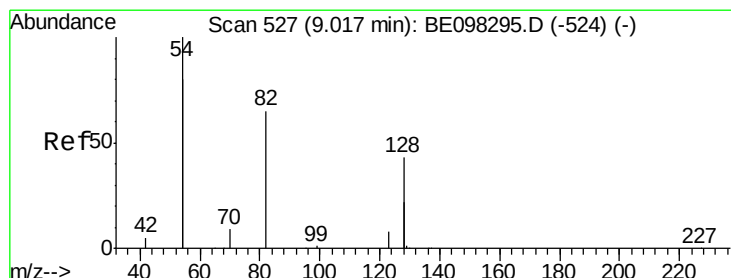
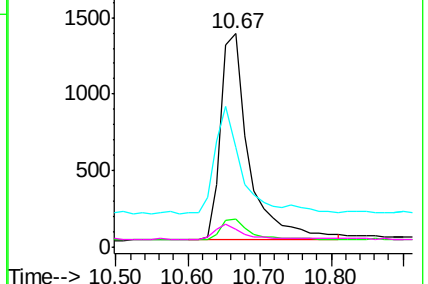
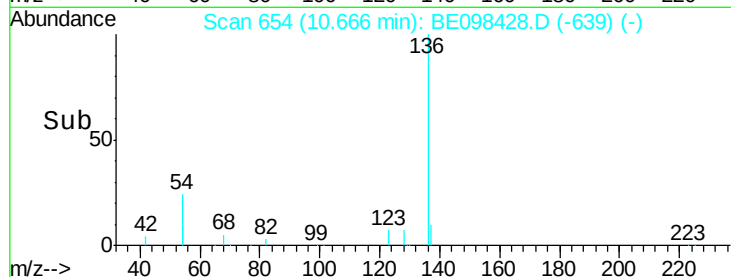


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

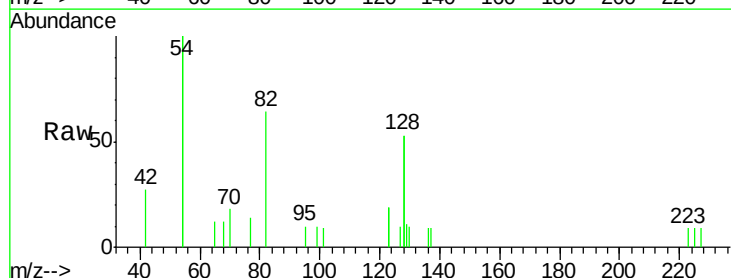
Tgt Ion: 82 Resp: 1384

Ion Ratio Lower Upper

82 100

128 164.0 102.4 153.6#

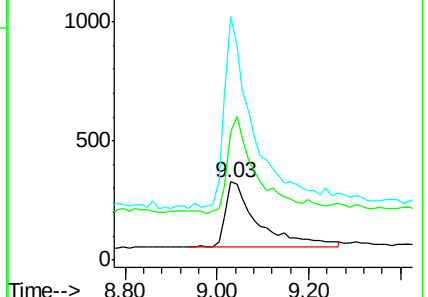
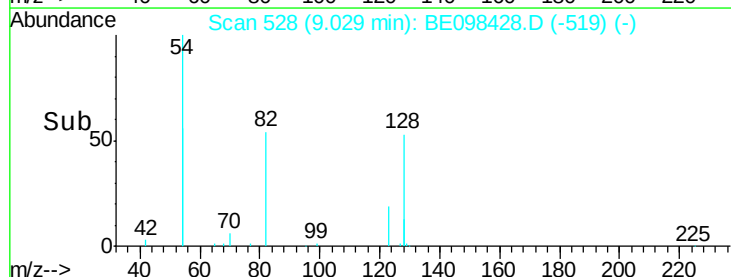
54 311.6 221.8 332.8

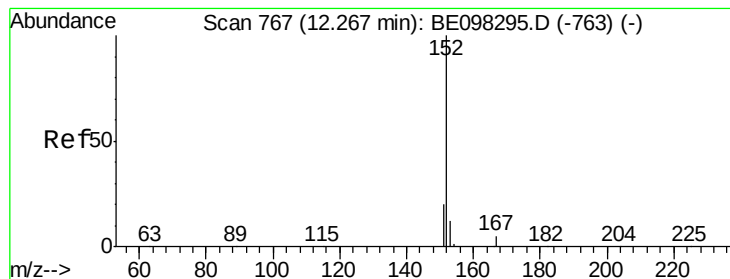


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

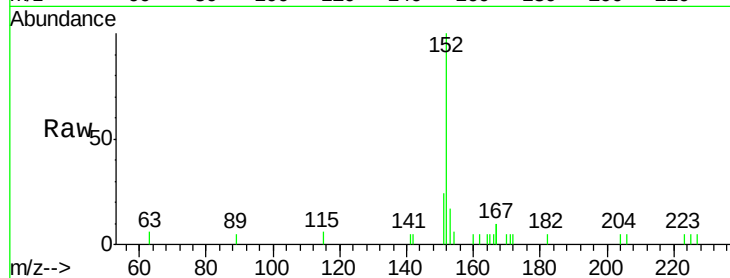
BP-HN-MW29D-20181209

Tgt Ion:152 Resp: 2439

Ion Ratio Lower Upper

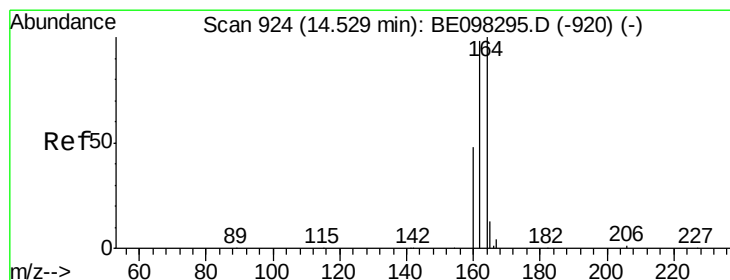
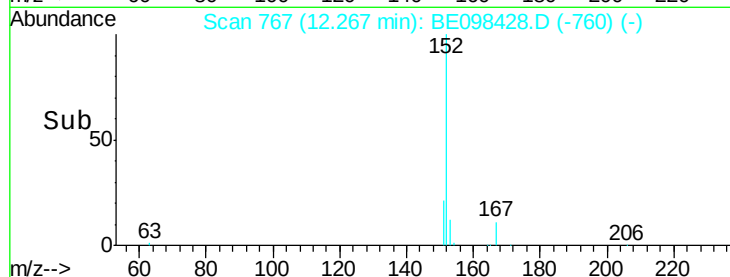
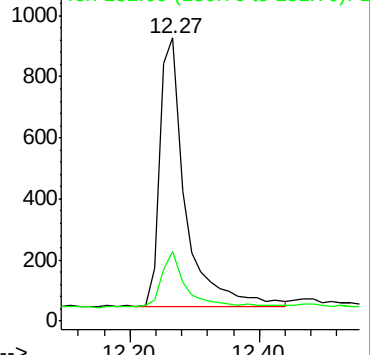
152 100

151 19.4 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: BE098428.D

Acq: 14 Dec 2018 10:20

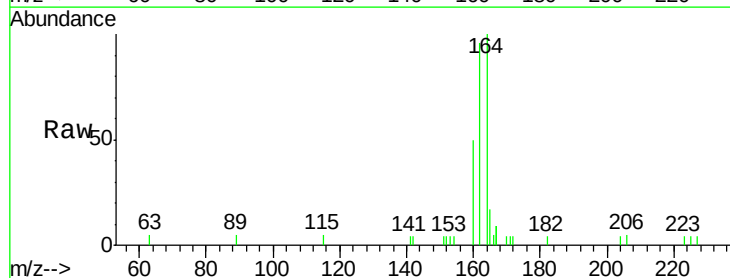
Tgt Ion:164 Resp: 2436

Ion Ratio Lower Upper

164 100

162 96.0 77.6 116.4

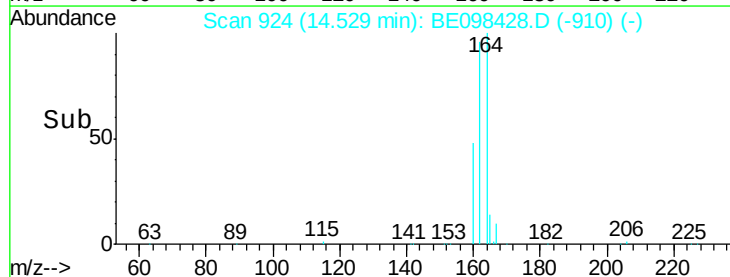
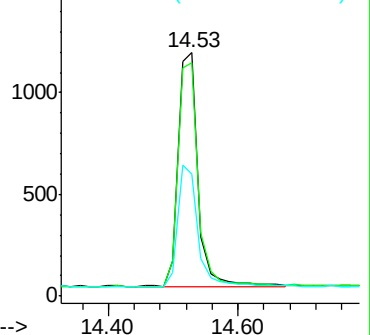
160 49.9 36.0 54.0

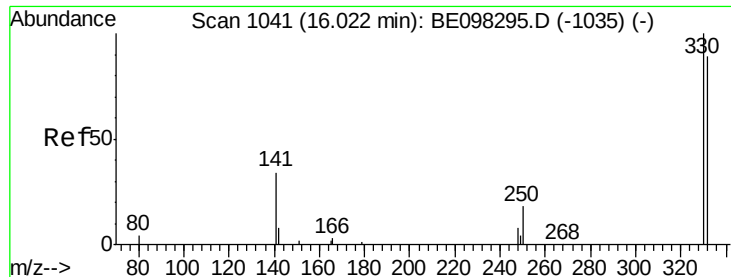


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

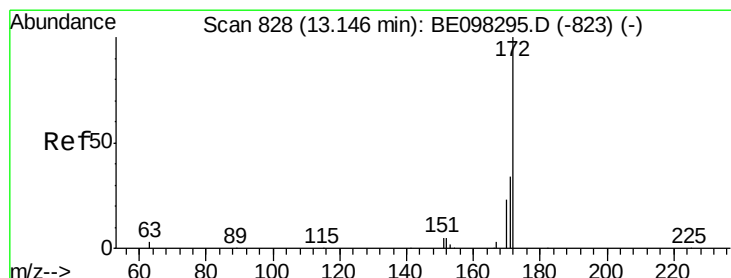
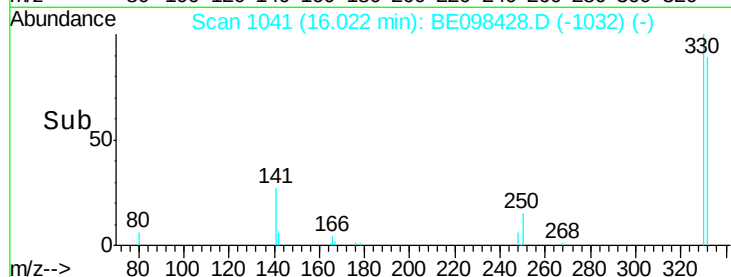
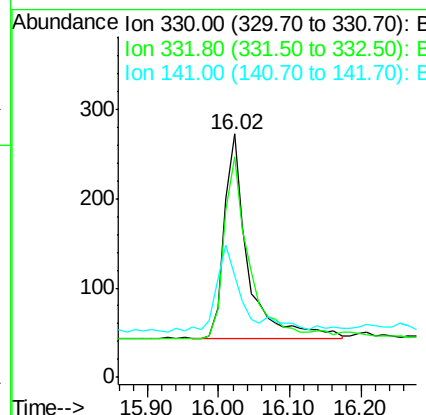
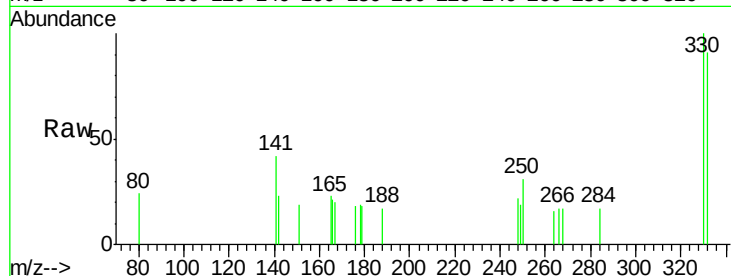




#14
 2,4,6-Tribromophenol
 Concen: 0.596 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098428.D
 Acq: 14 Dec 2018 10:20

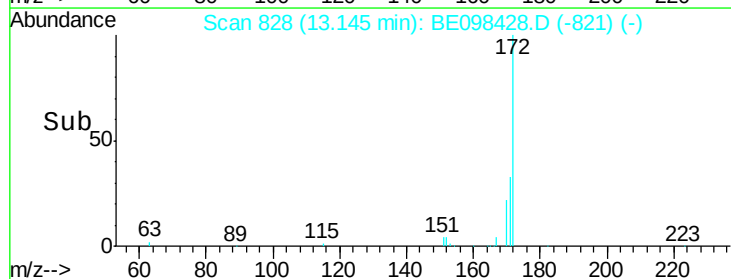
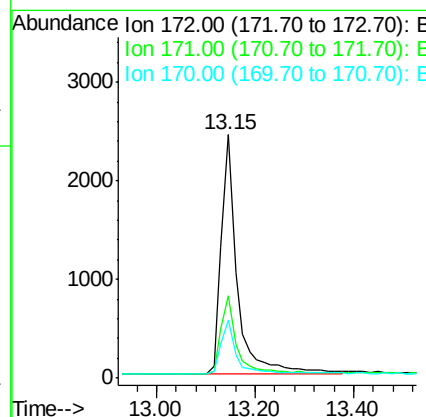
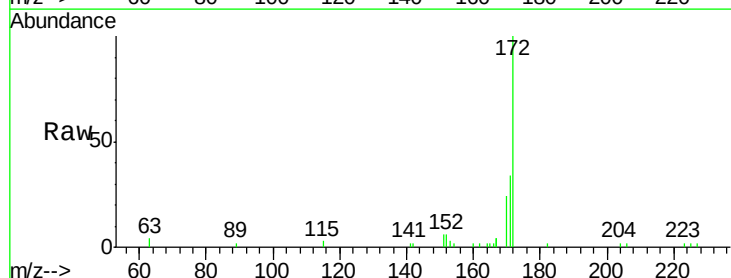
Instrument :
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 BP-HN-MW29D-20181209

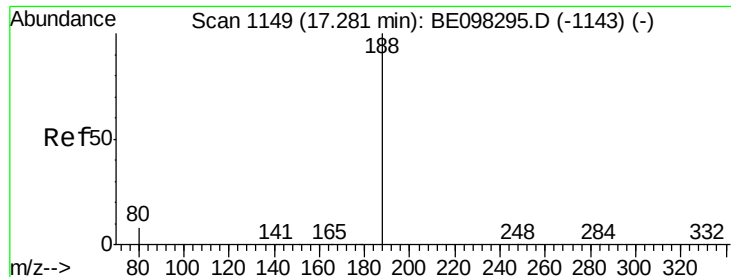
Tgt Ion: 330 Resp: 533
 Ion Ratio Lower Upper
 330 100
 332 91.6 76.2 114.4
 141 37.7 39.0 58.4#



#15
 2-Fluorobiphenyl
 Concen: 0.520 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098428.D
 Acq: 14 Dec 2018 10:20

Tgt Ion: 172 Resp: 5340
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 23.8 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20181209

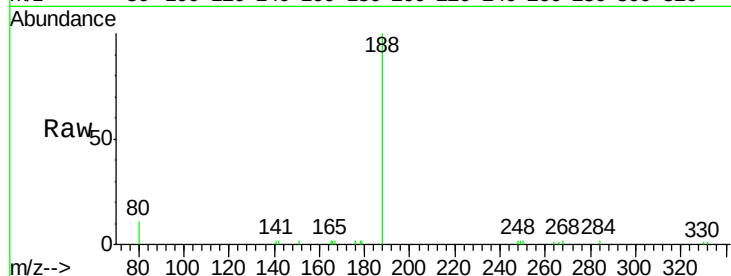
Tgt Ion:188 Resp: 6414

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

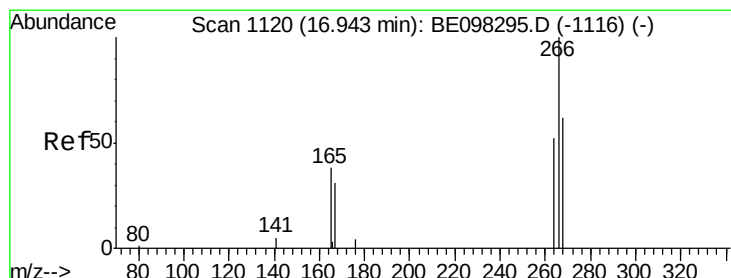
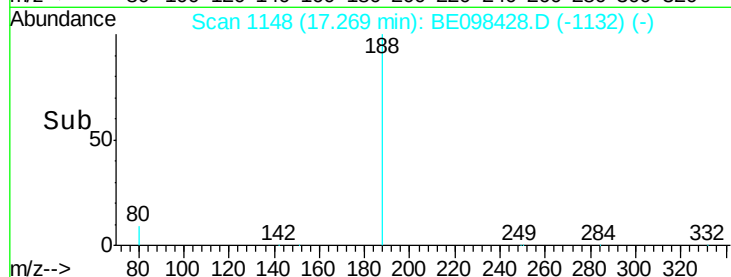
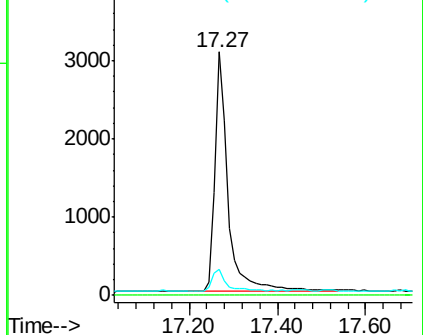
80 11.0 7.2 10.8#



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: 0.052 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

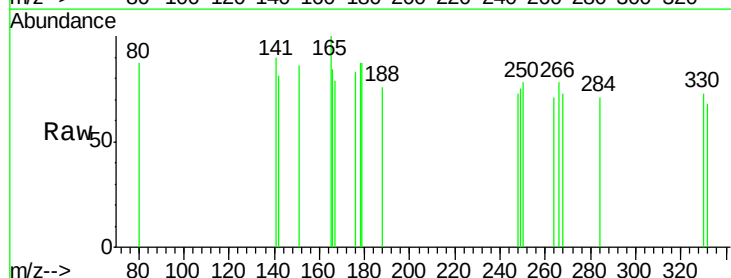
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 91.8 59.0 88.4#

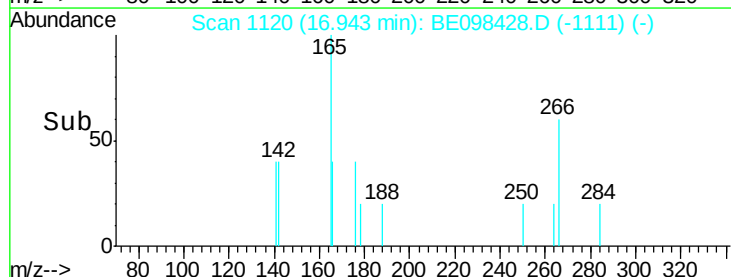
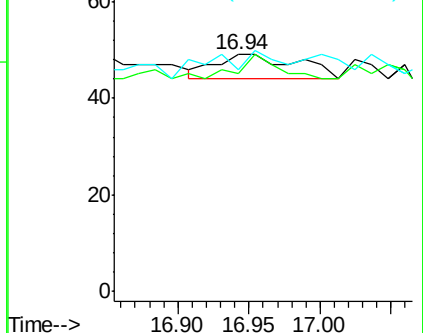
268 93.9 55.1 82.7#

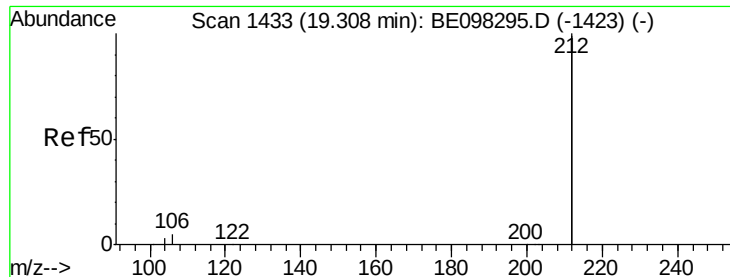


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

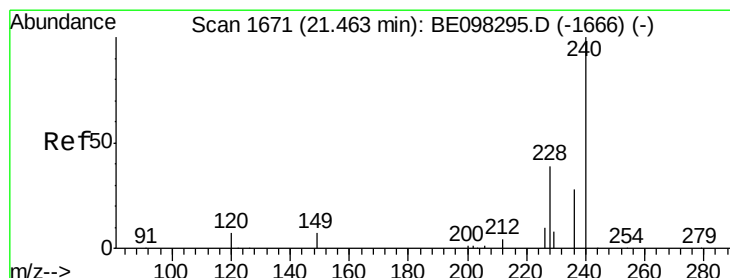
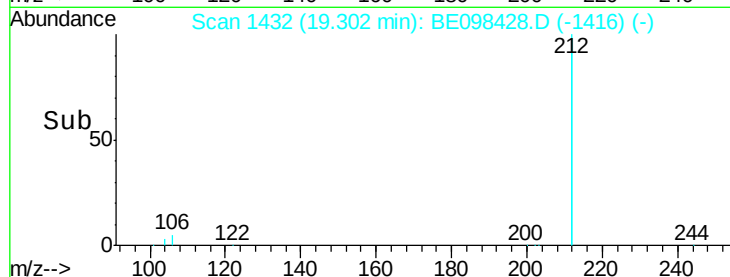
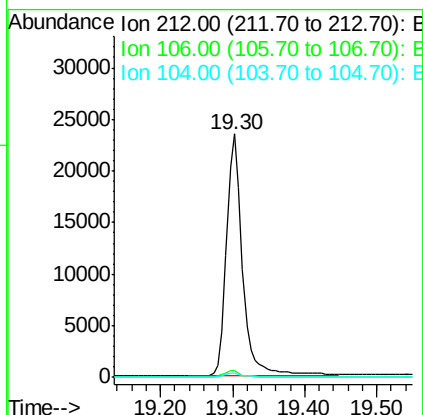
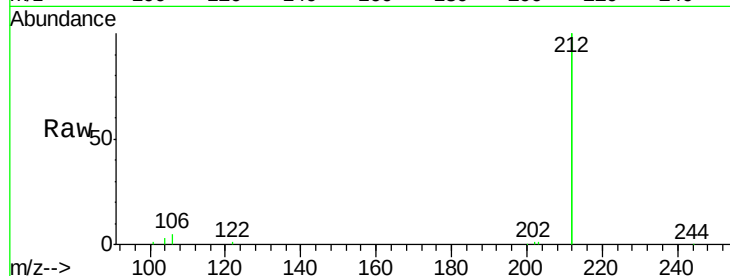




#25
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

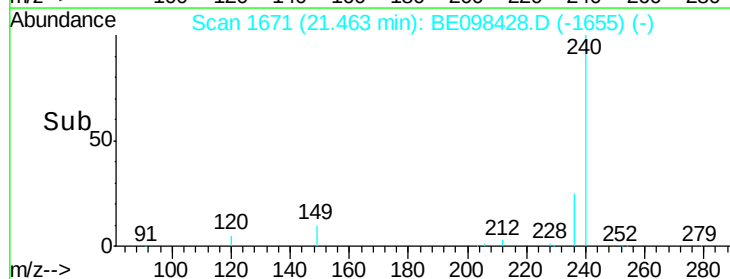
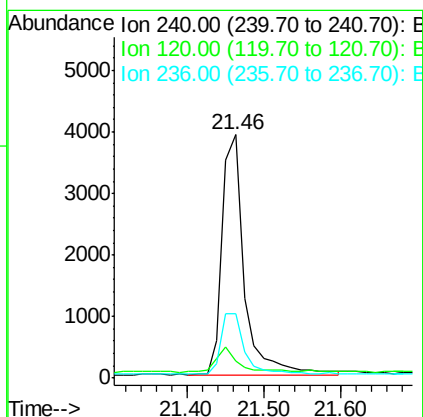
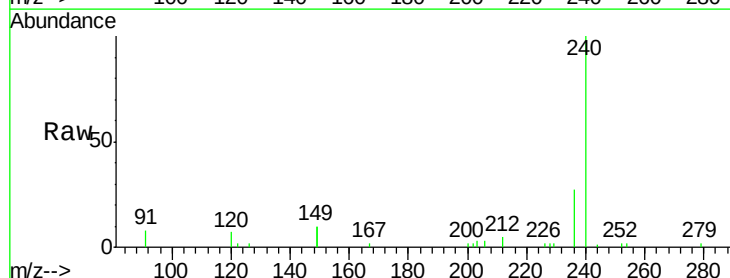
Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20181209

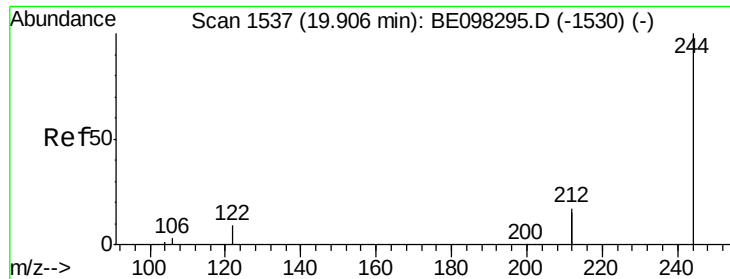
Tgt Ion:212 Resp: 36027
Ion Ratio Lower Upper
212 100
106 2.5 2.2 3.2
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098428.D
Acq: 14 Dec 2018 10:20

Tgt Ion:240 Resp: 7797
Ion Ratio Lower Upper
240 100
120 7.1 9.5 14.3#
236 26.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20181209

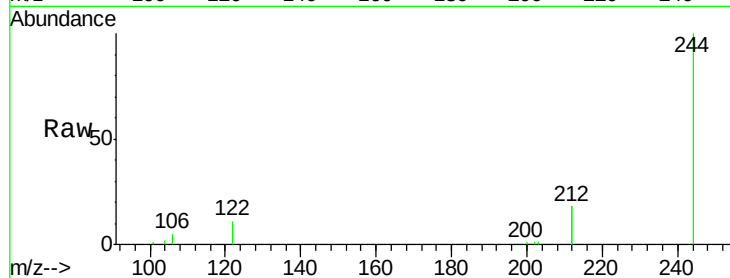
Tgt Ion:244 Resp: 8575

Ion Ratio Lower Upper

244 100

212 36.0 27.4 41.0

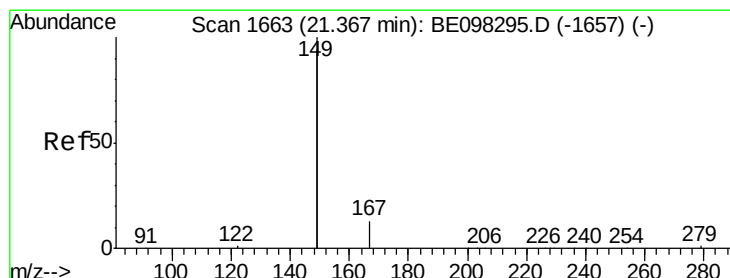
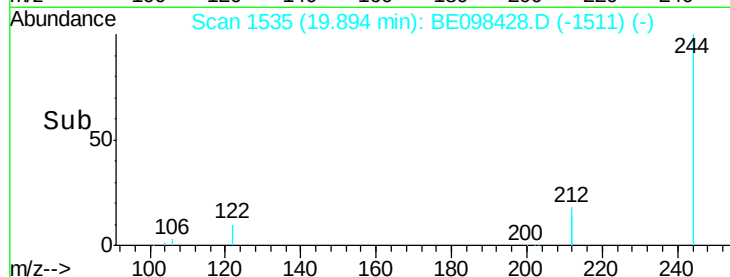
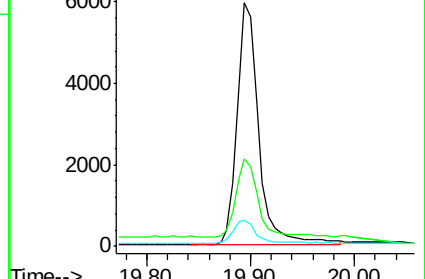
122 10.8 8.3 12.5



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: 0.220 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

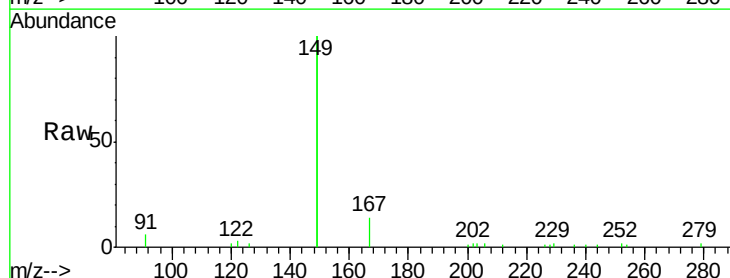
Tgt Ion:149 Resp: 9936

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

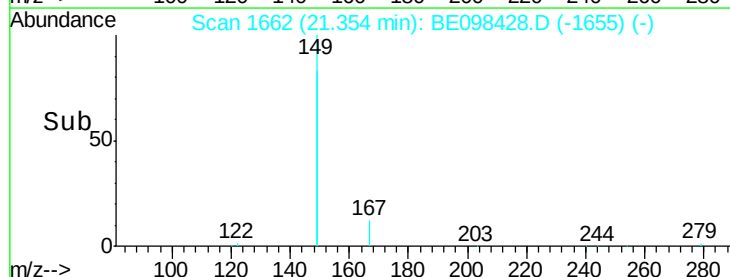
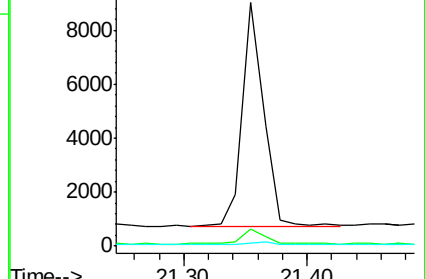
279 1.1 1.0 1.4

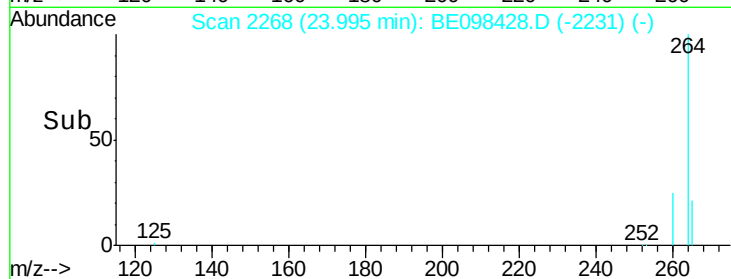
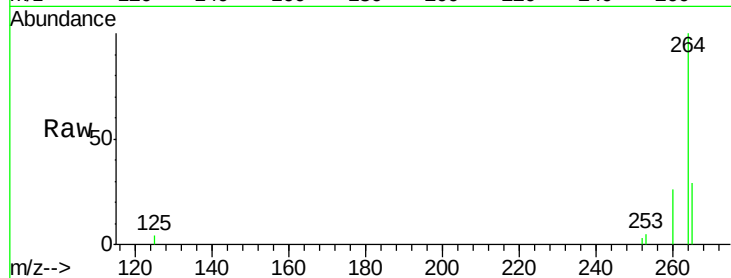
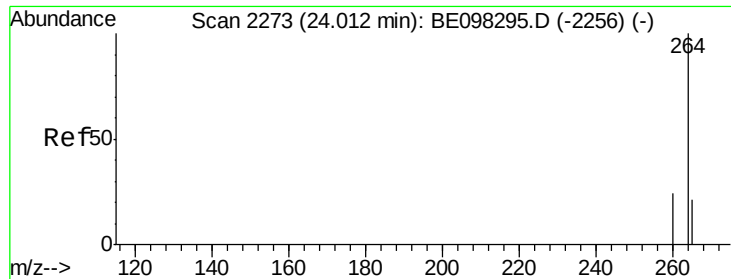


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098428.D

Acq: 14 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20181209

Tgt Ion: 264 Resp: 7314

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 29.3 25.2 37.8

