

Data File : BE098488.D
Acq On : 16 Dec 2018 2:23
Operator : SJ/JU
Sample : J6398-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-05_121218

Quant Time: Dec 17 02:01:45 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	778	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3102	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1993	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	5243	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6527	0.40	ng	0.00
34) Perylene-d12	24.00	264	6334	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	328	0.18	ng	0.01
5) Phenol-d6	7.04	99	268	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	955	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2115	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	378	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	3670	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	33275	0.49	ng	-0.01
29) Terphenyl-d14	19.90	244	7105	0.45	ng	-0.01

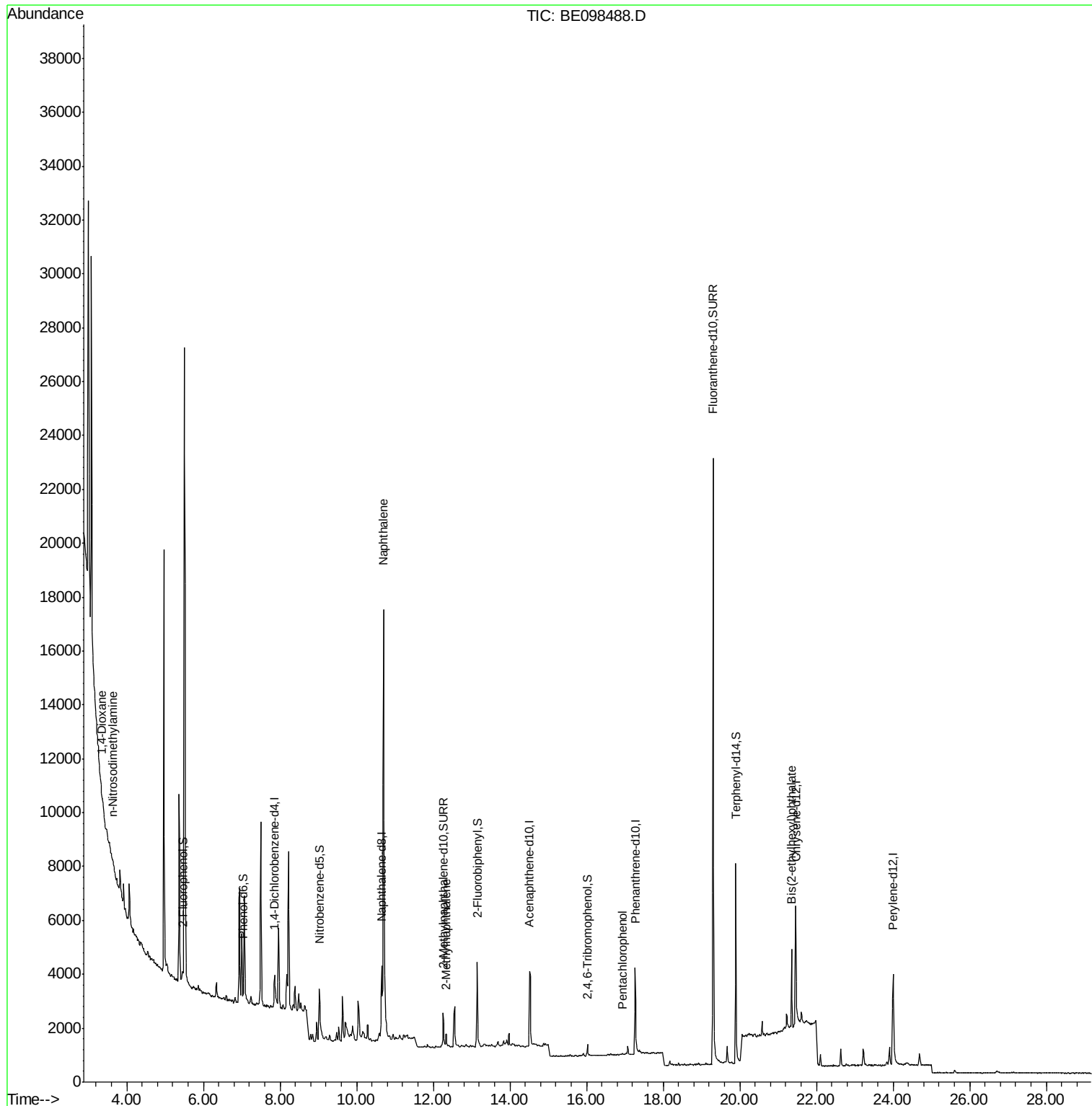
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	42	0.031	ng	# 1
3) n-Nitrosodimethylamine	3.64	42	57	0.047	ng	# 100
9) Naphthalene	10.70	128	28722	0.920	ng	100
12) 2-Methylnaphthalene	12.34	142	440	0.087	ng	# 90
22) Pentachlorophenol	16.94	266	54	0.131	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.35	149	3086	0.082	ng	100

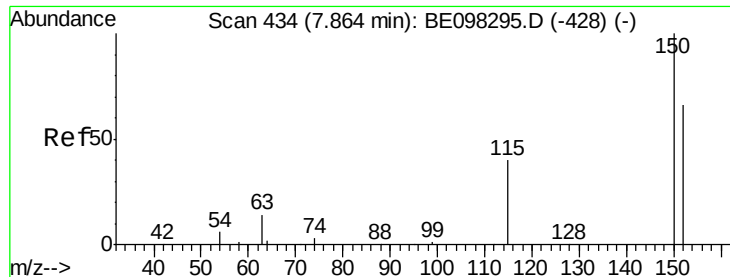
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_E

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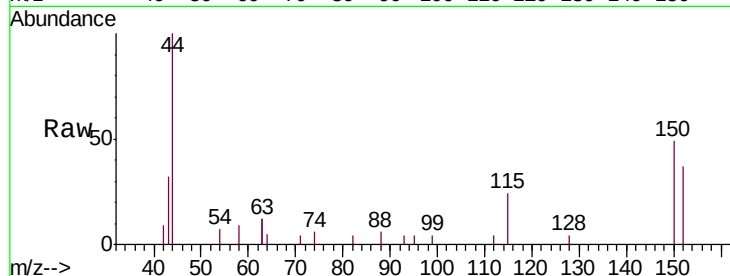
Tgt Ion: 152 Resp: 778

Ion Ratio Lower Upper

152 100

150 134.9 124.2 186.4

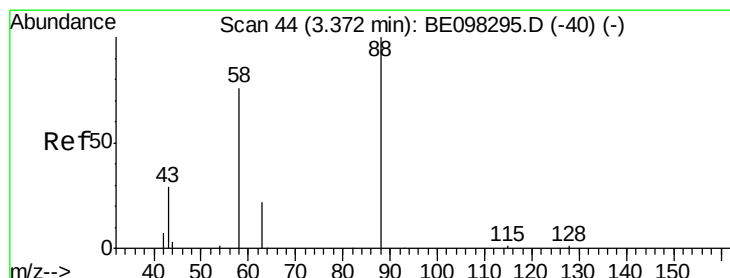
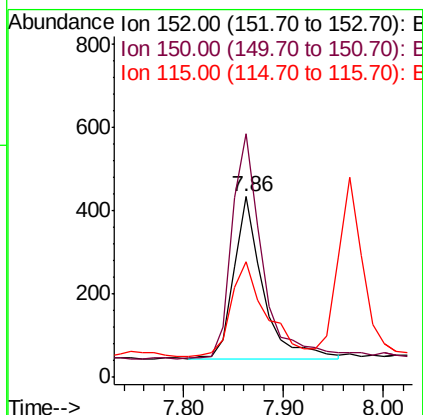
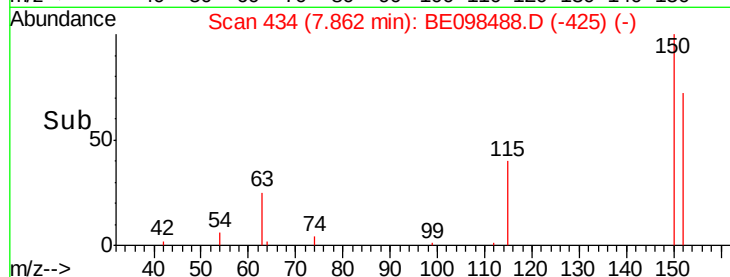
115 64.2 53.9 80.9



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: 0.031 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

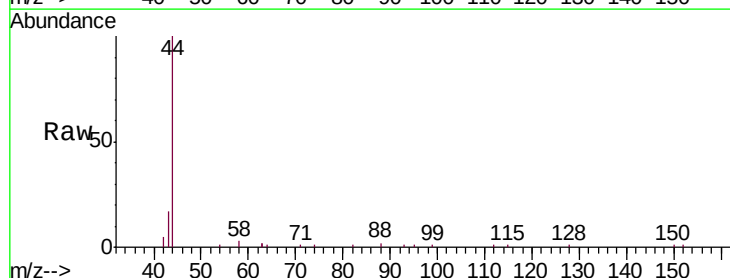
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

58 45.2 75.0 112.6#

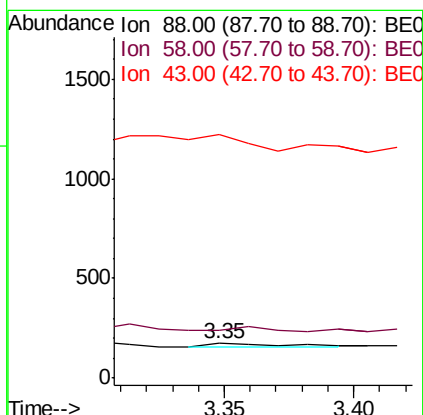
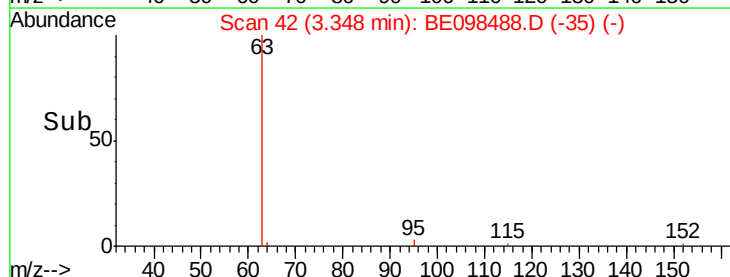
43 528.6 38.3 57.5#

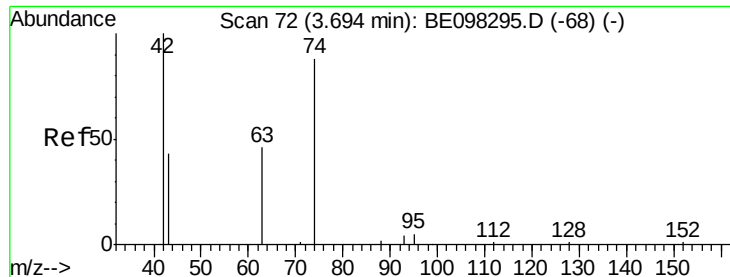


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.06 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

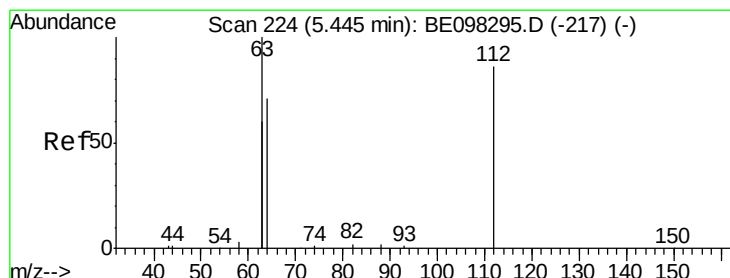
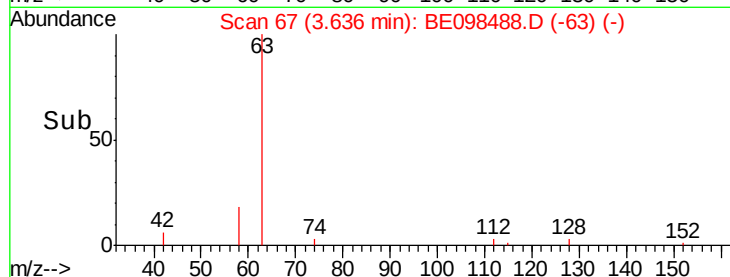
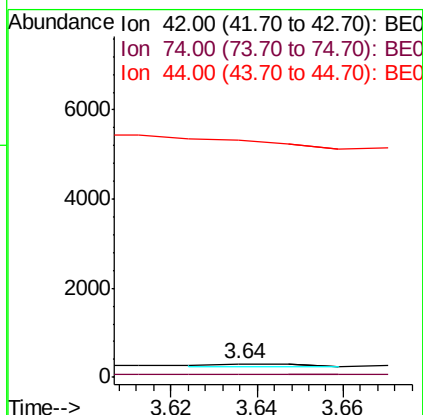
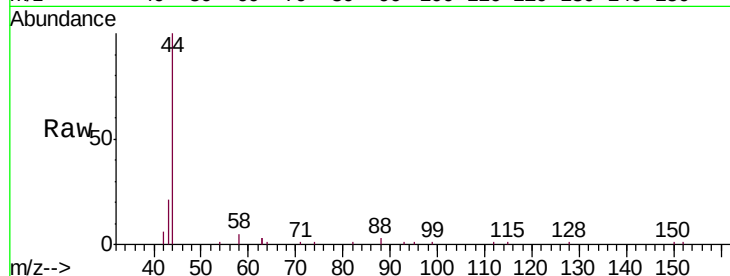
Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
74	21.1	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.180 ng

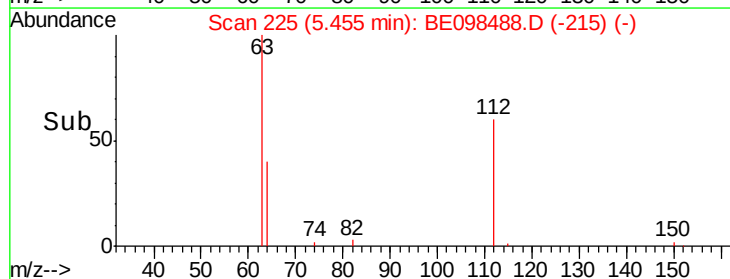
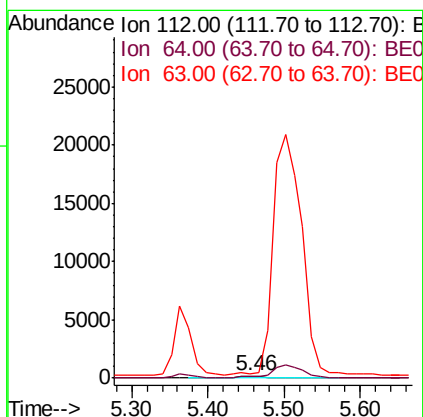
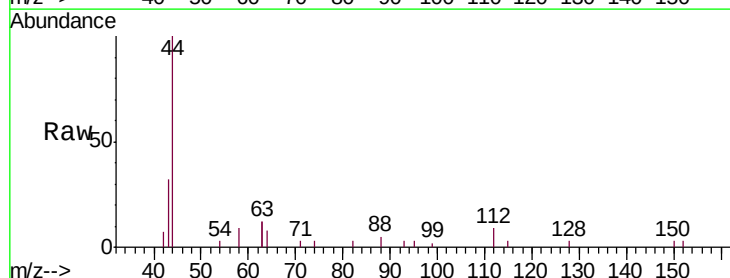
RT: 5.46 min Scan# 225

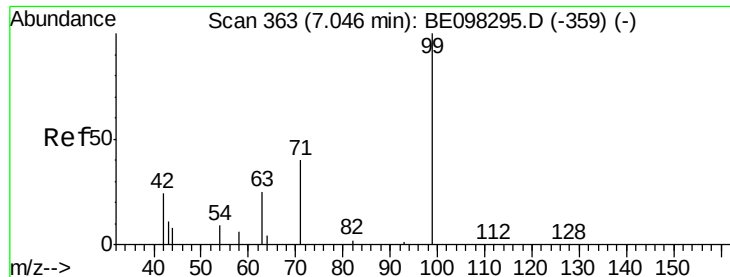
Delta R.T. 0.01 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

Tgt Ion:	112	Resp:	328
Ion	Ratio	Lower	Upper
112	100		
64	0.0	59.8	89.8#
63	0.0	133.7	200.5#





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

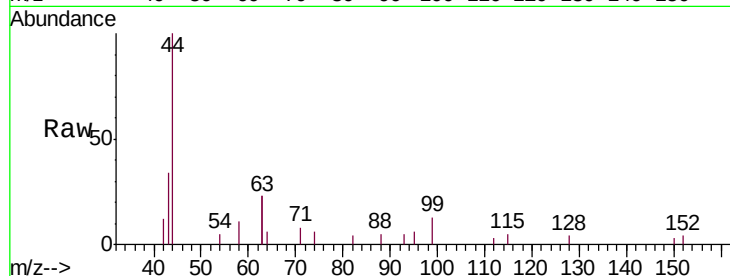
Tgt Ion: 99 Resp: 268

Ion Ratio Lower Upper

99 100

42 76.1 26.3 39.5#

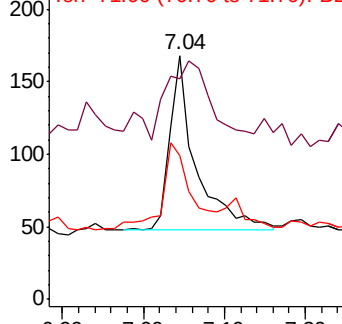
71 0.0 33.6 50.4#



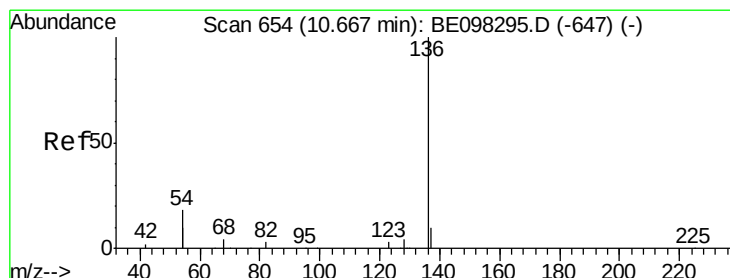
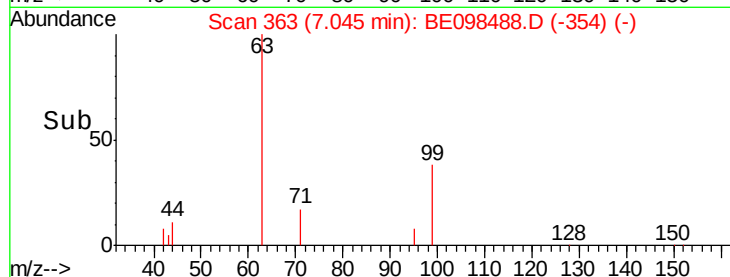
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098488.D

Acq: 16 Dec 2018 2:23

Tgt Ion: 136 Resp: 3102

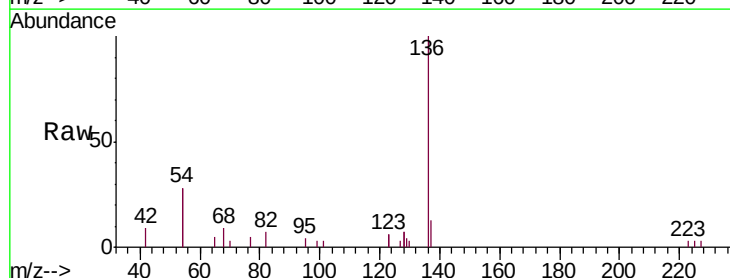
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 56.5 28.4 42.6#

68 9.4 5.4 8.0#

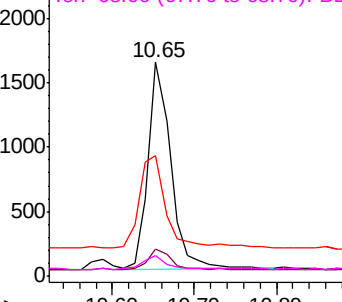


Abundance Ion 136.00 (135.70 to 136.70): E

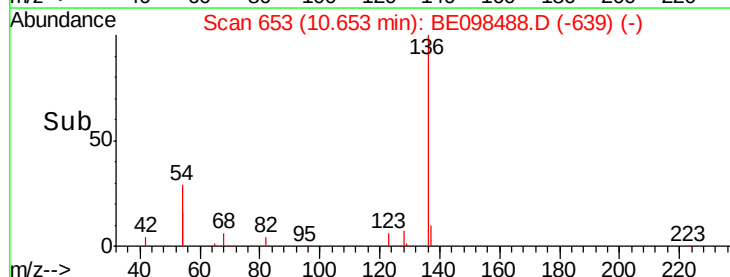
Ion 137.00 (136.70 to 137.70): E

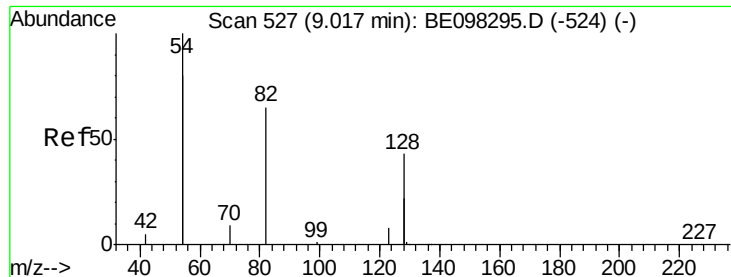
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.338 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

Instrument :

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ClientSampleId :

PR-MW-05_121218

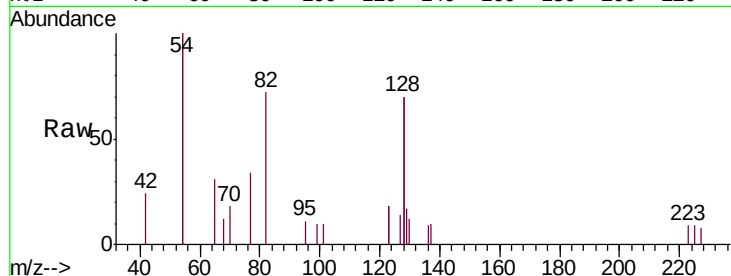
Tgt Ion: 82 Resp: 955

Ion Ratio Lower Upper

82 100

128 194.0 102.4 153.6#

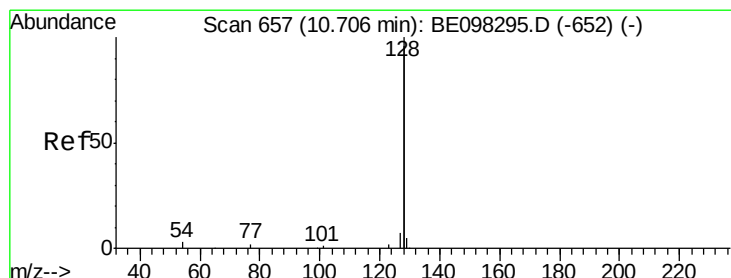
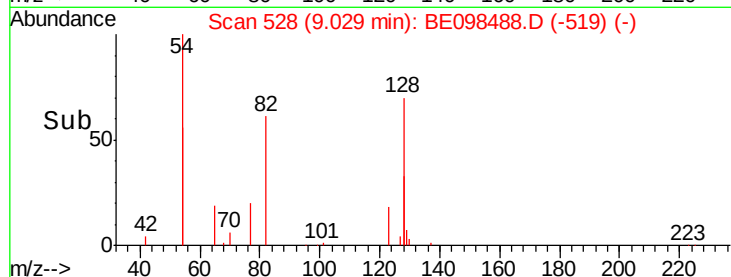
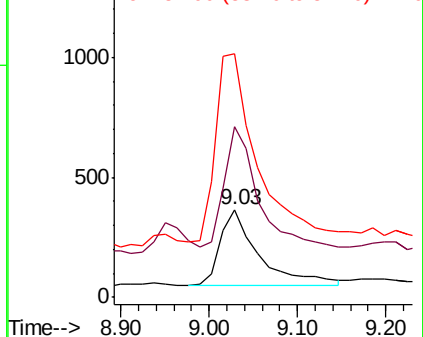
54 277.0 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.920 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

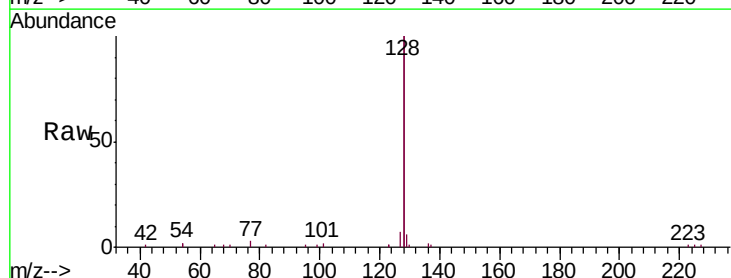
Tgt Ion: 128 Resp: 28722

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

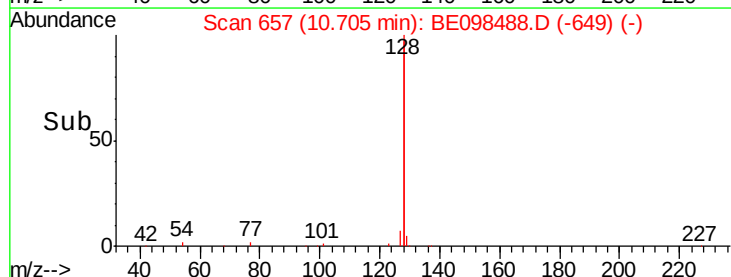
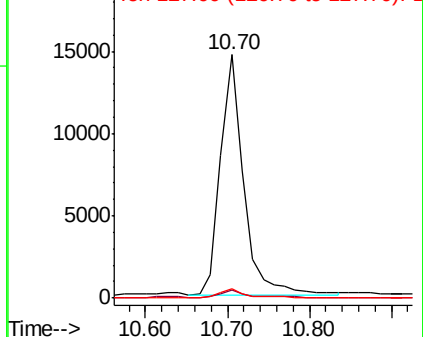
127 3.6 2.7 4.1

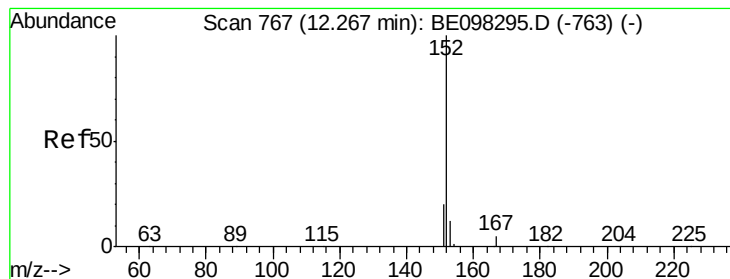


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

Instrument :

BNA_E

ClientSampleId :

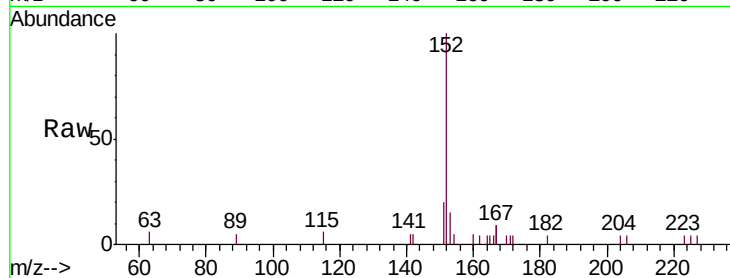
PR-MW-05_121218

Tgt Ion:152 Resp: 2115

Ion Ratio Lower Upper

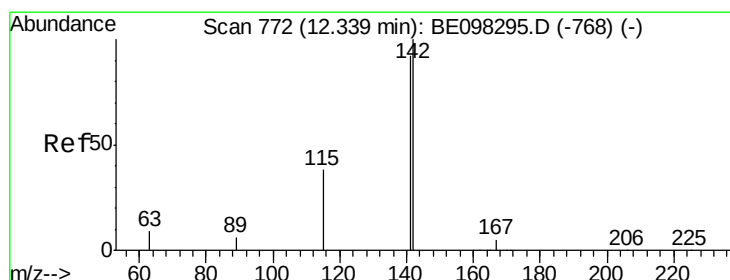
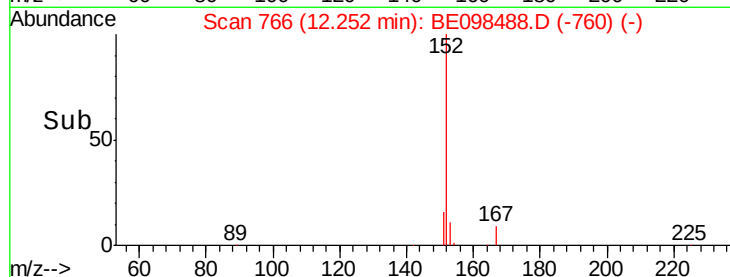
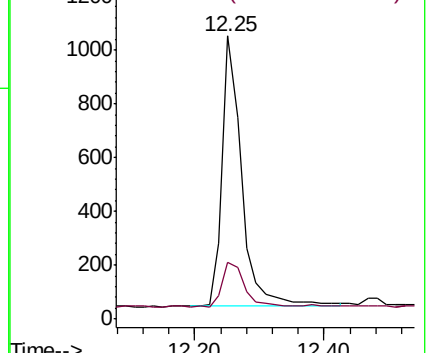
152 100

151 18.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.087 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

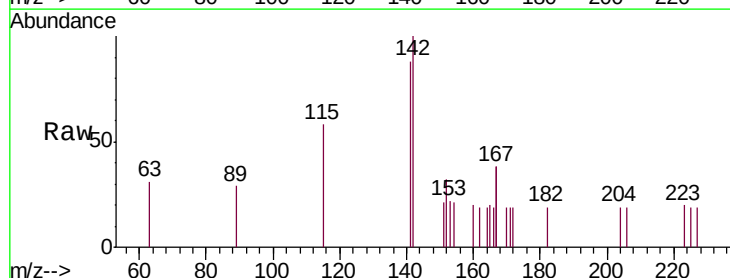
Tgt Ion:142 Resp: 440

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

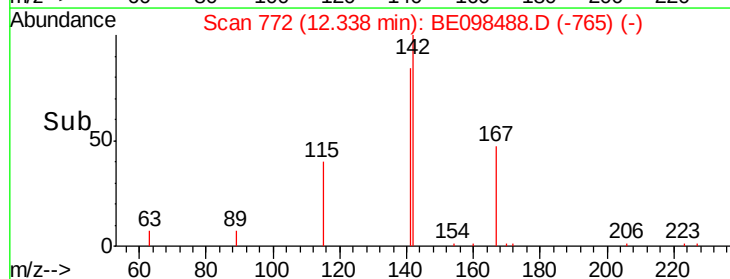
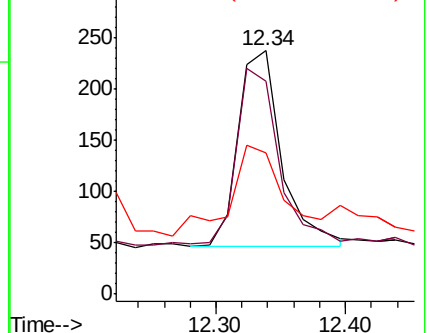
115 58.2 32.2 48.2#

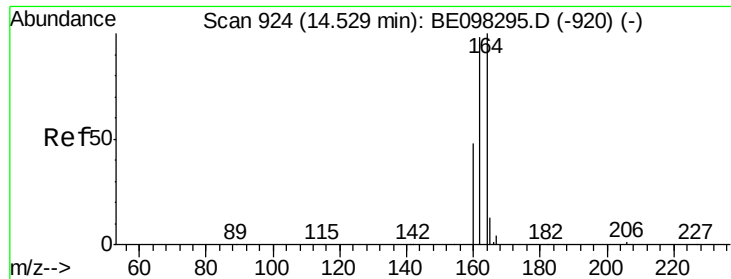


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

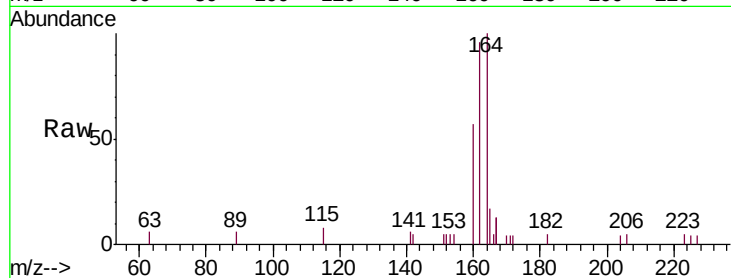




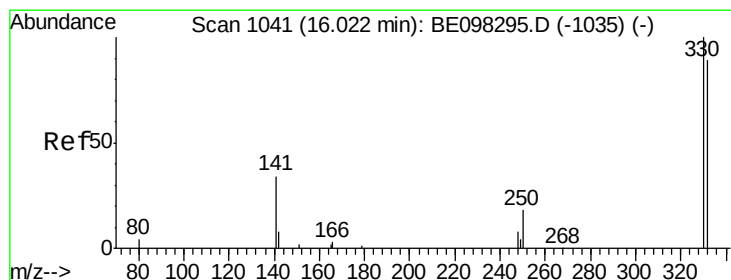
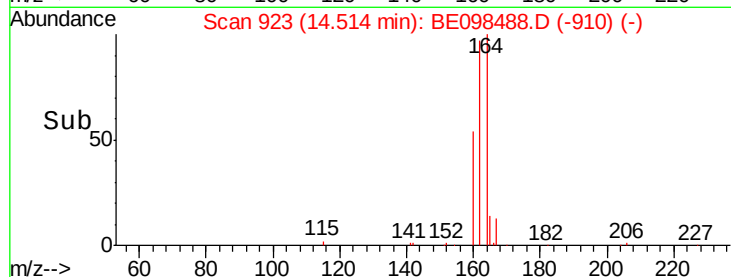
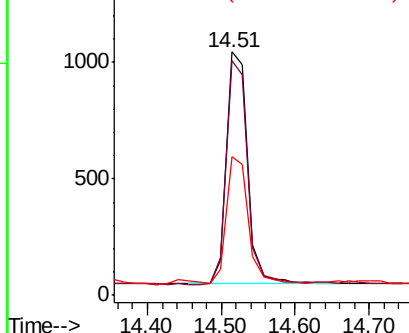
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Instrument :
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 PR-MW-05_121218

Tgt Ion:164 Resp: 1993
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.6 116.4
 160 57.1 36.0 54.0#

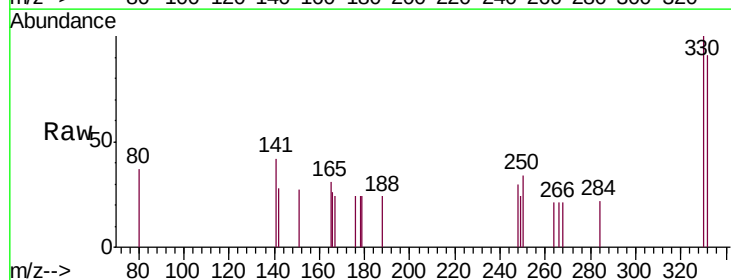


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

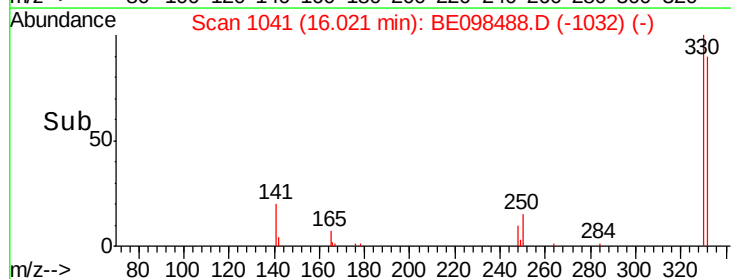
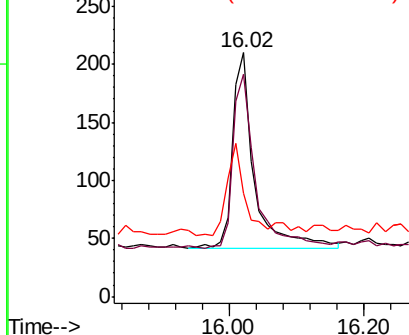


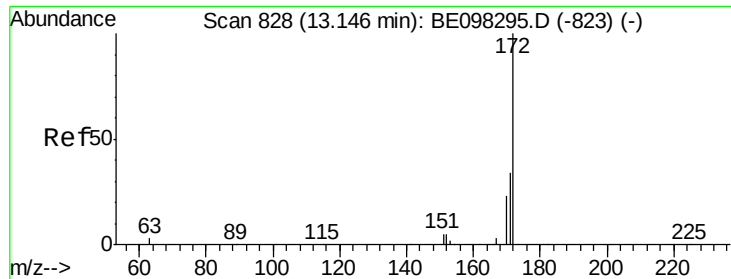
#14
 2,4,6-Tribromophenol
 Concen: 0.517 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Tgt Ion:330 Resp: 378
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.2 114.4
 141 38.4 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

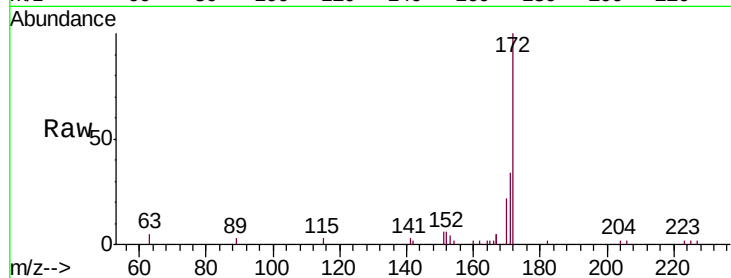




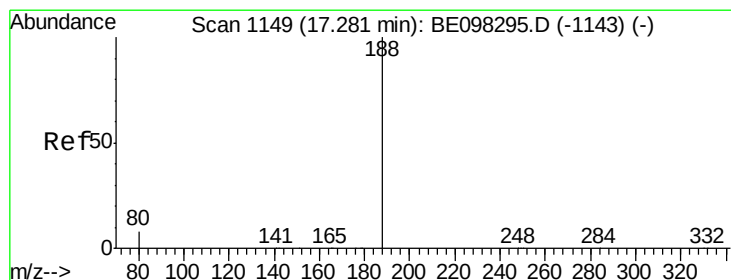
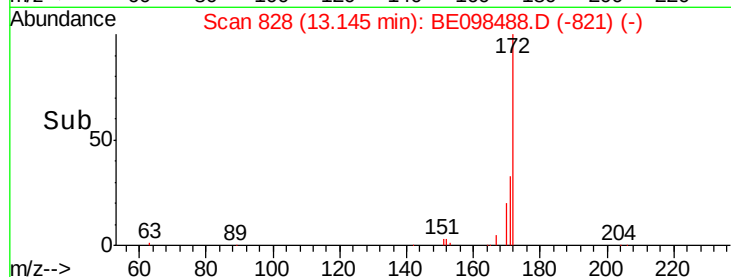
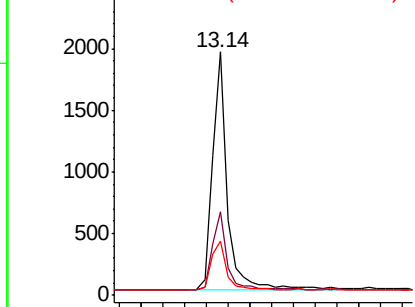
#15
 2-Fluorobiphenyl
 Concen: 0.437 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05_121218

Tgt Ion:172 Resp: 3670
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 22.0 19.6 29.4

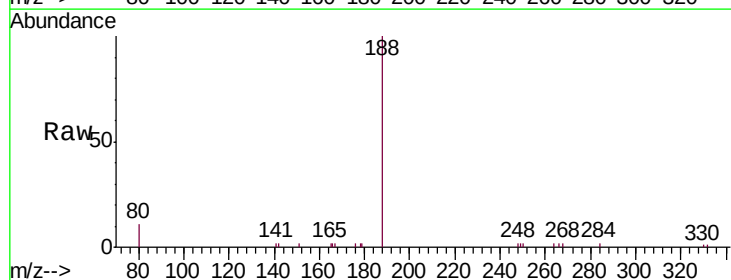


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

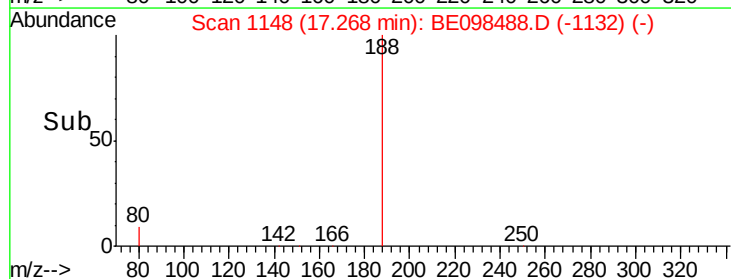
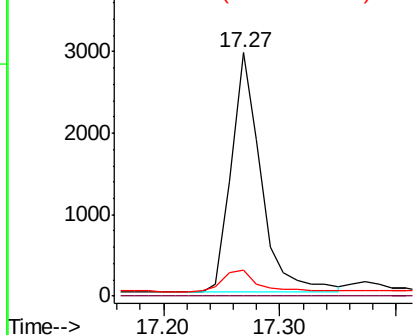


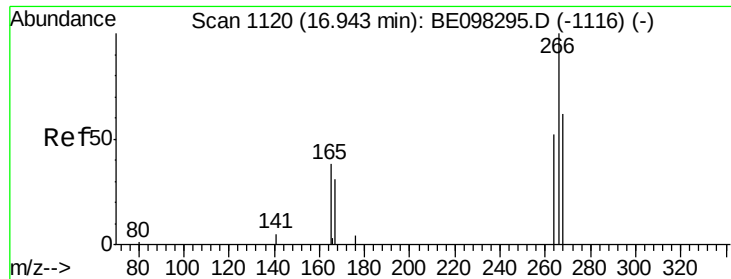
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Tgt Ion:188 Resp: 5243
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.5 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

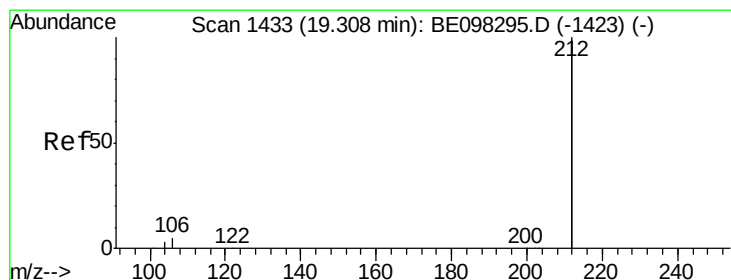
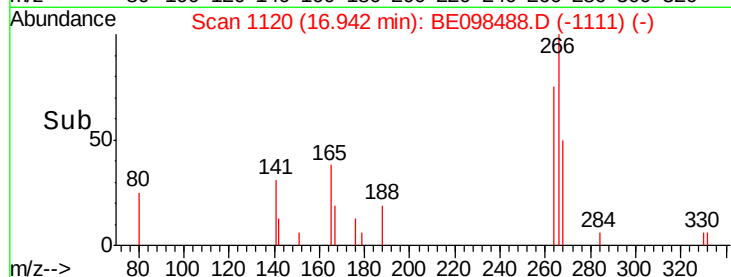
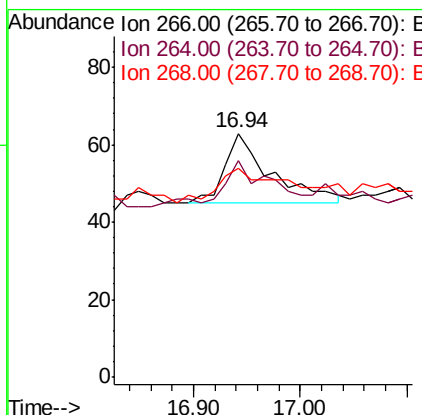
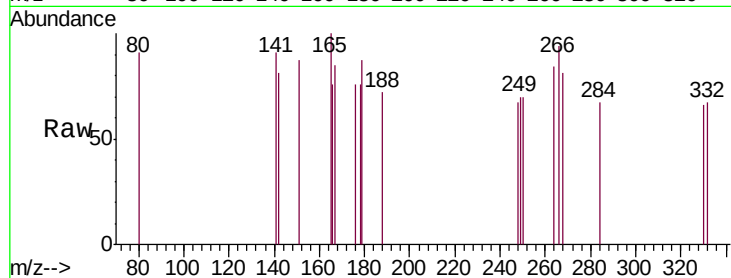




#22
 Pentachlorophenol
 Concen: 0.131 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

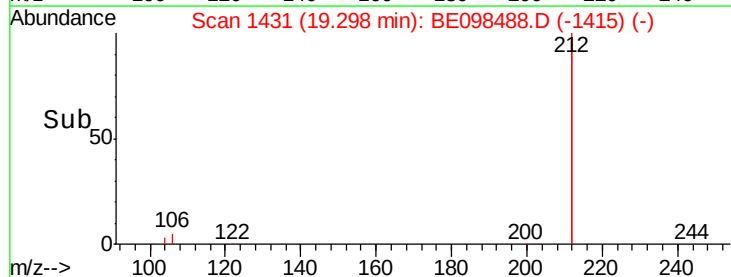
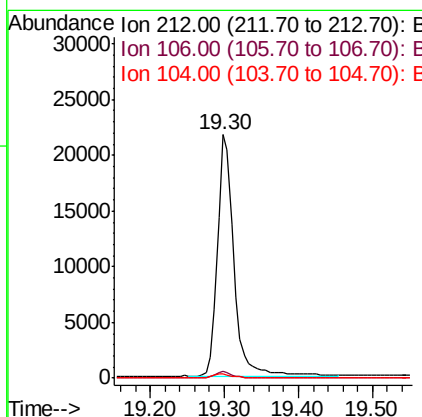
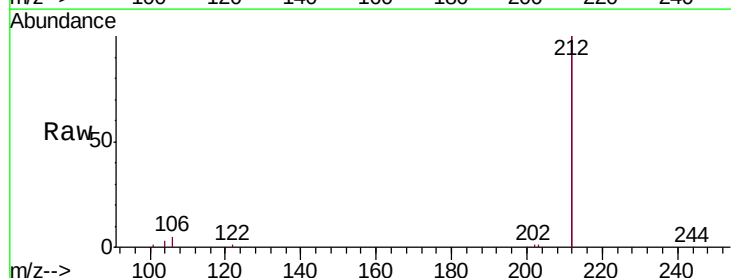
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05_121218

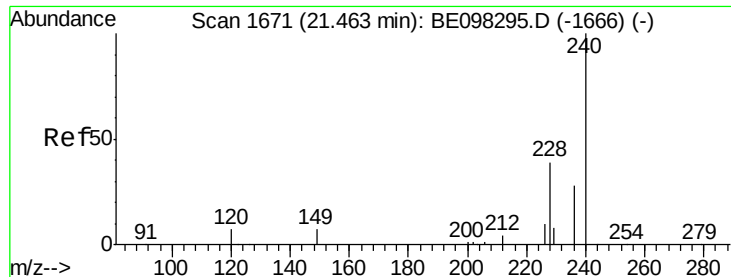
Tgt Ion: 266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 88.9 59.0 88.4#
 268 85.7 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.495 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Tgt Ion: 212 Resp: 33275
 Ion Ratio Lower Upper
 212 100
 106 2.4 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: BE098488.D

Acq: 16 Dec 2018 2:23

Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

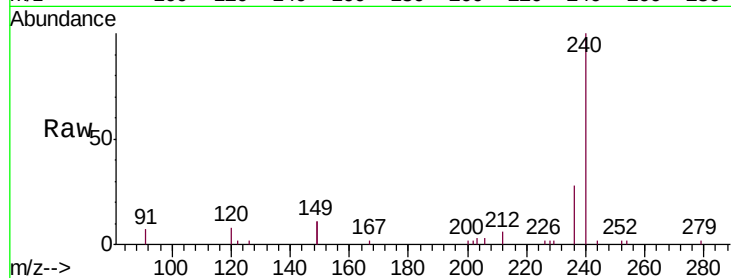
Tgt Ion:240 Resp: 6527

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

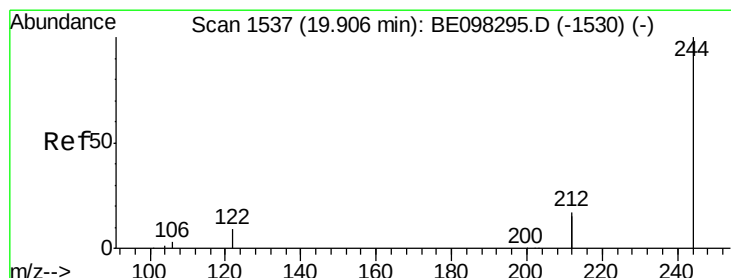
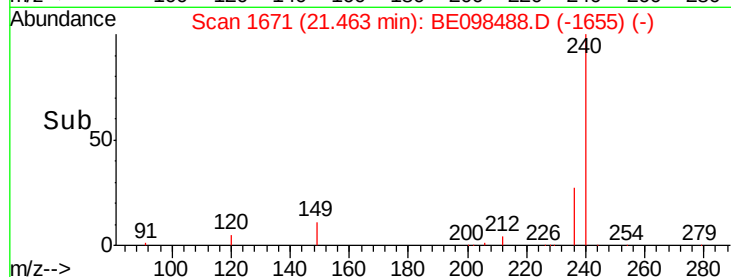
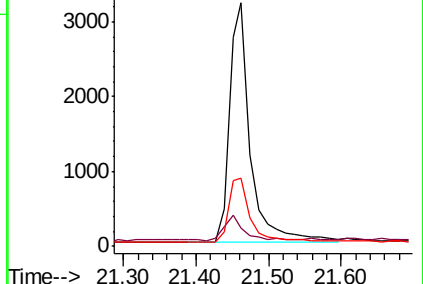
236 28.1 22.7 34.1



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: 0.448 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

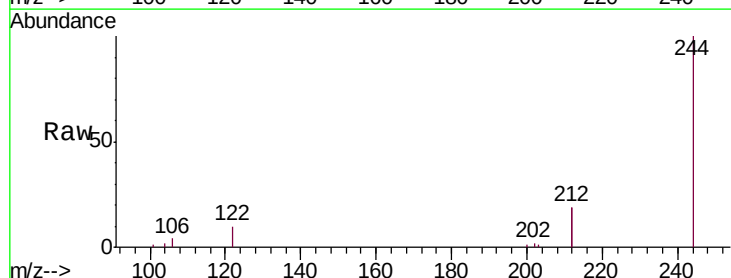
Tgt Ion:244 Resp: 7105

Ion Ratio Lower Upper

244 100

212 37.6 27.4 41.0

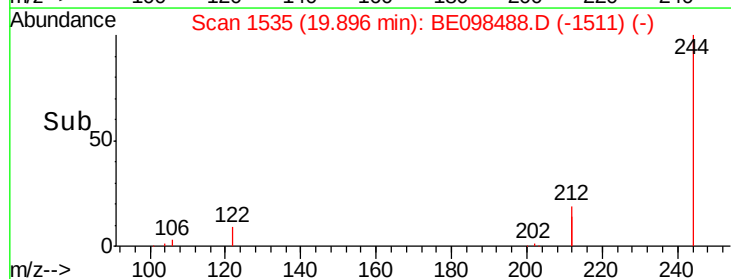
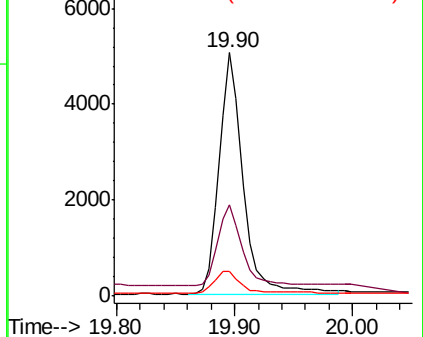
122 10.3 8.3 12.5

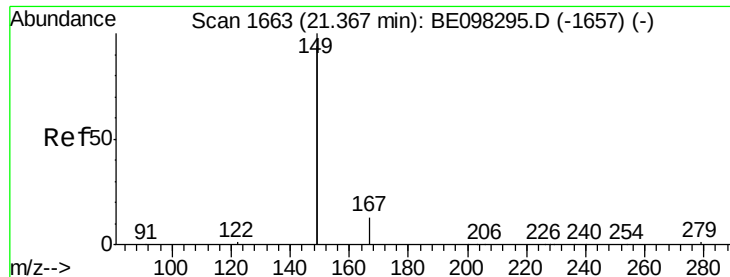


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

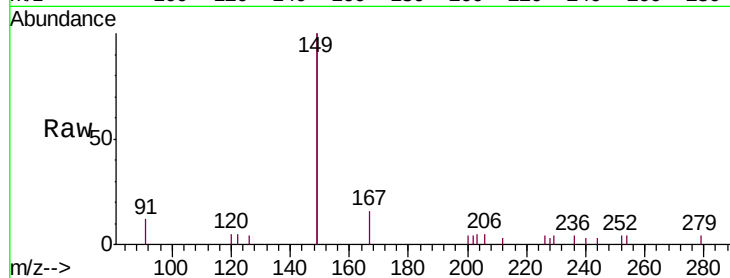
Tgt Ion:149 Resp: 3086

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

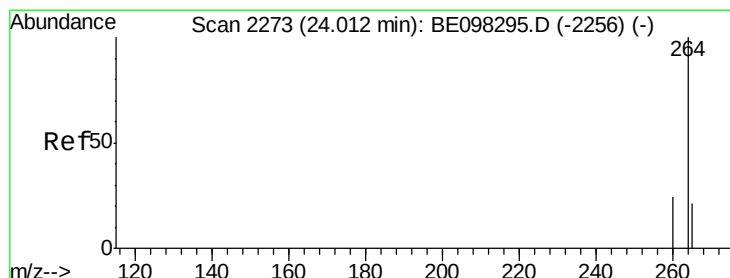
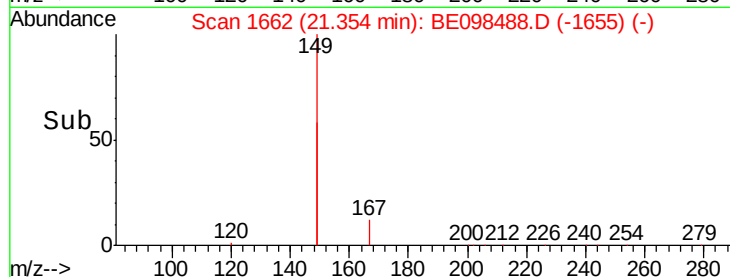
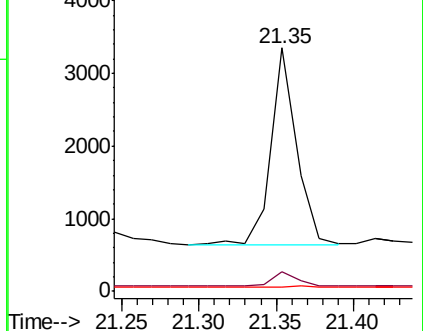
279 1.2 1.0 1.4



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# 2270

Delta R.T. -0.01 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

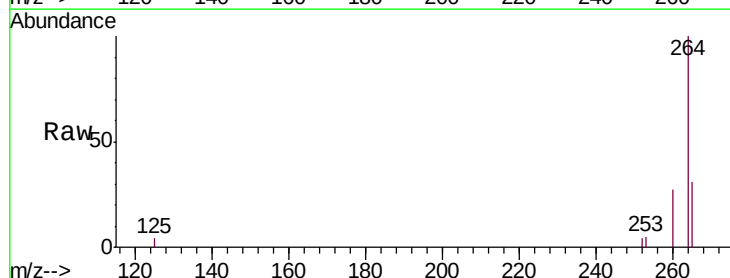
Tgt Ion:264 Resp: 6334

Ion Ratio Lower Upper

264 100

260 27.2 20.2 30.2

265 31.5 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

