

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 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 02:07:52 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

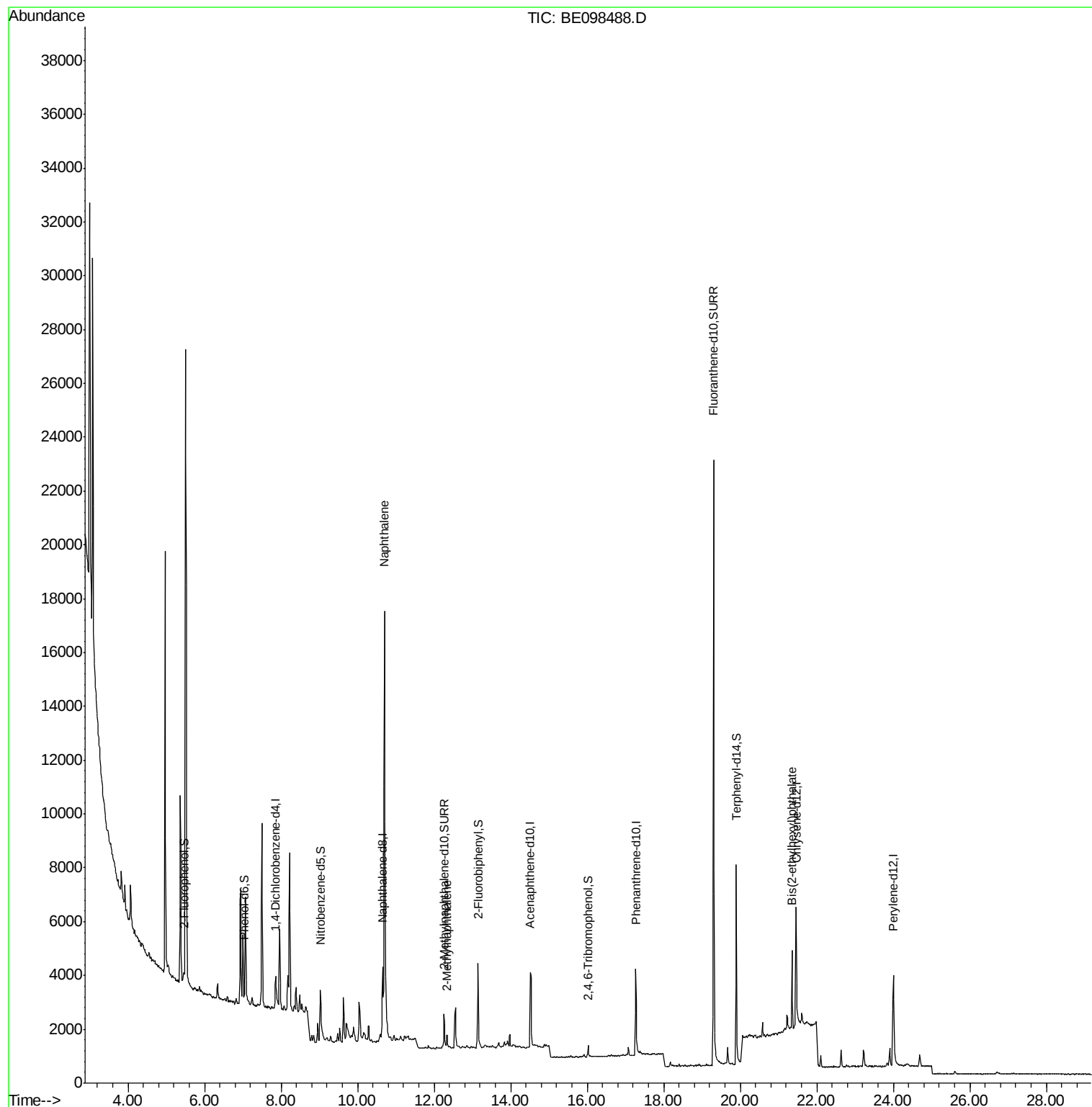
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	778	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3102	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1993	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	5243	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6527	0.40	ng	0.00
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
9) Naphthalene	10.70	128	28722	0.920	ng	100
12) 2-Methylnaphthalene	12.34	142	440	0.087	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.35	149	3086	0.082	ng	100

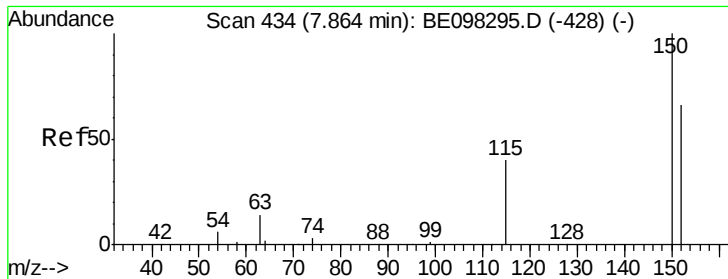
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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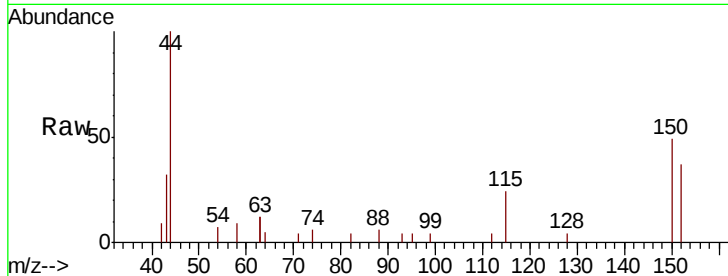


#1

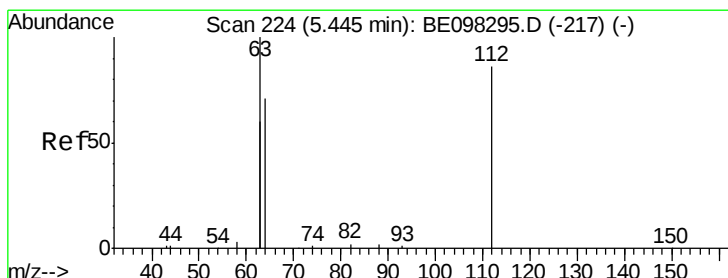
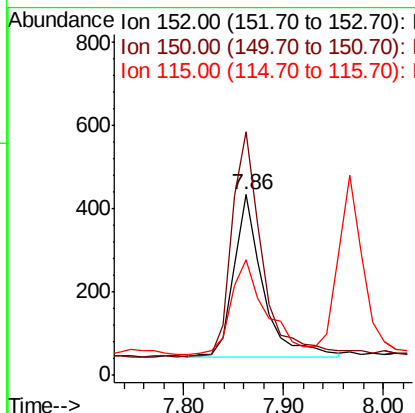
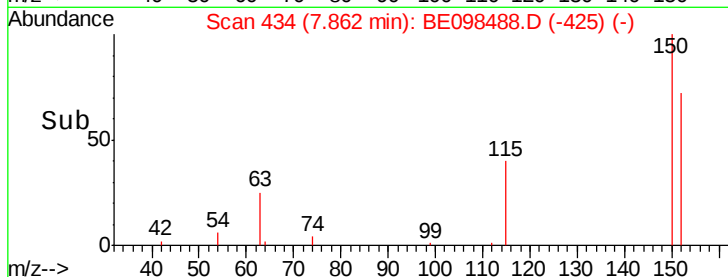
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05_121218

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.9	124.2	186.4
115	64.2	53.9	80.9



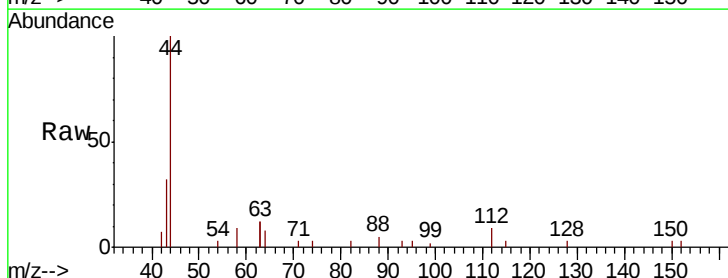
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



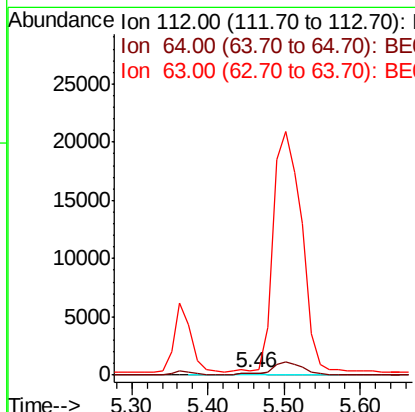
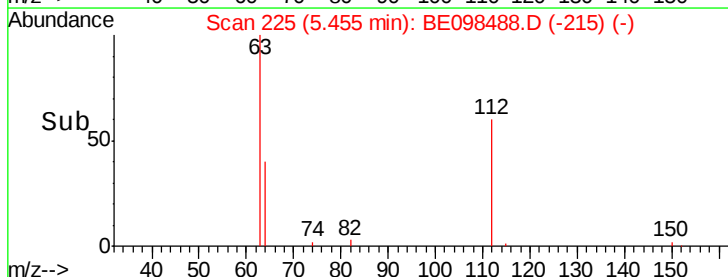
#4

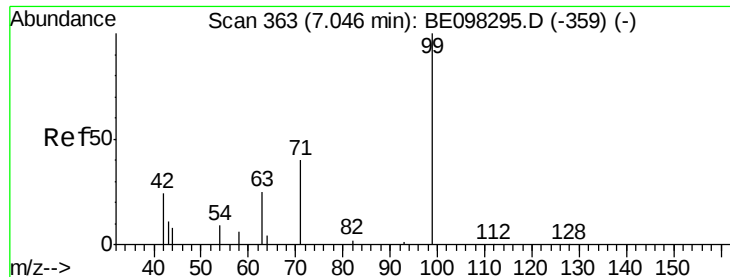
2-Fluorophenol
 Concen: 0.180 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098488.D
 Acq: 16 Dec 2018 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	59.8	89.8#
63	0.0	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: 0.104 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

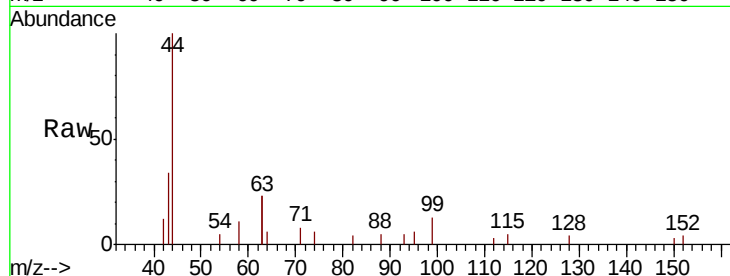
Tot Ion: 99 Resp: 268

Ion Ratio Lower Upper

99 100

42 76.1 26.3 39.5#

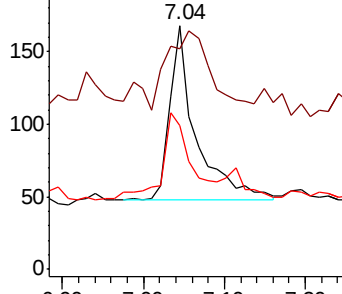
71 0.0 33.6 50.4#



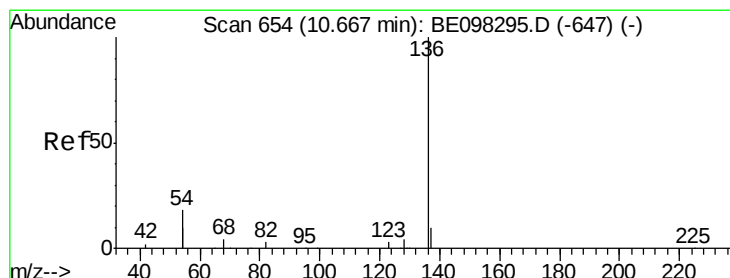
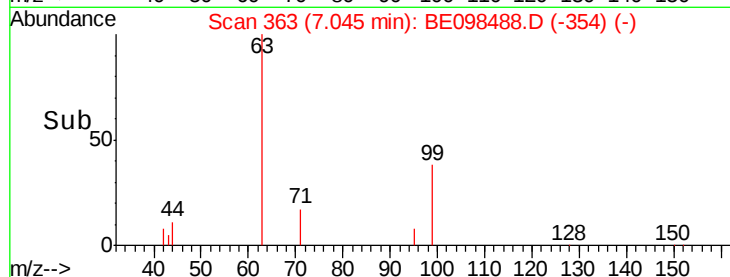
Abundance Ion 99.00 (98.70 to 99.70): BE0

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

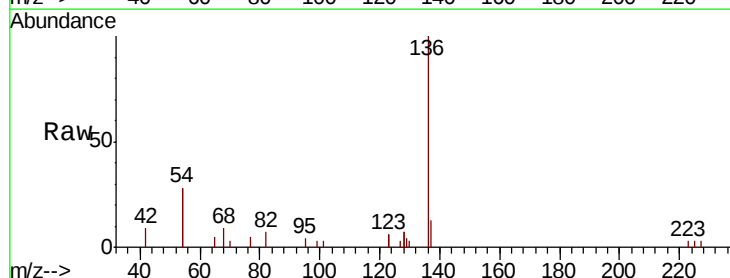
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 56.5 28.4 42.6#

68 9.4 5.4 8.0#

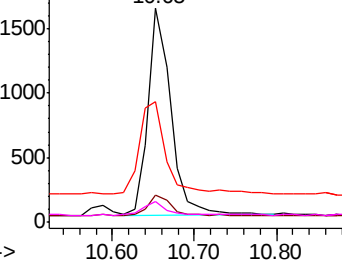


Abundance Ion 136.00 (135.70 to 136.70): E

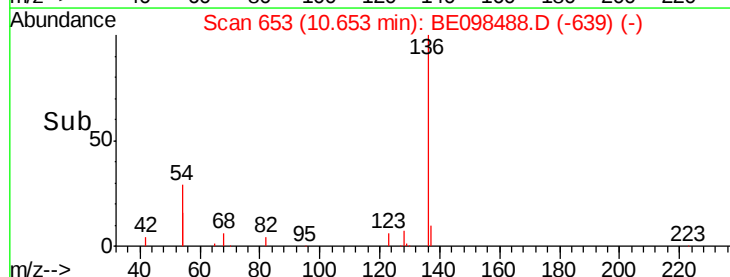
Ion 137.00 (136.70 to 137.70): E

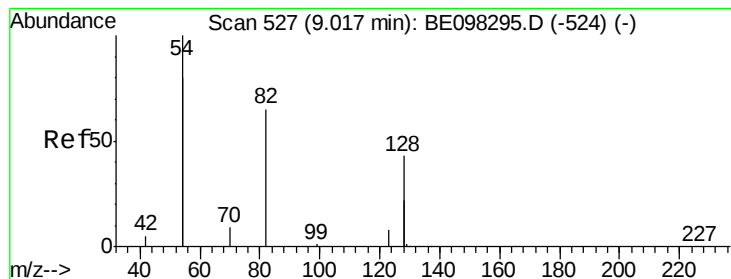
Ion 54.00 (53.70 to 54.70): BE0

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 :

BNA_E

ClientSampleId :

PR-MW-05_121218

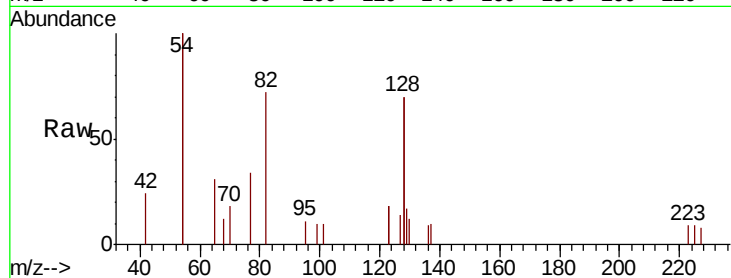
Tot Ion: 82 Resp: 955

Ion Ratio Lower Upper

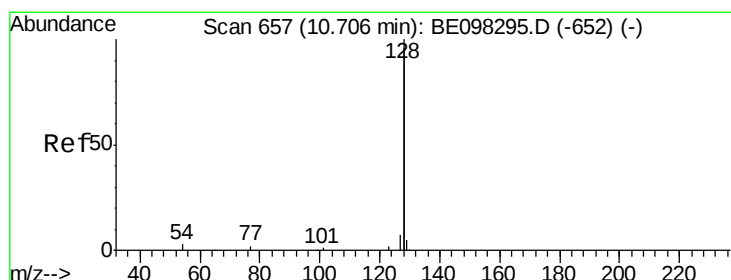
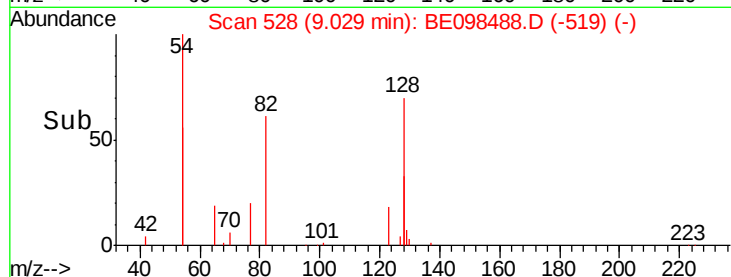
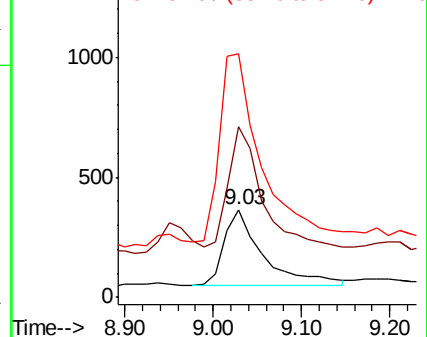
82 100

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): E
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

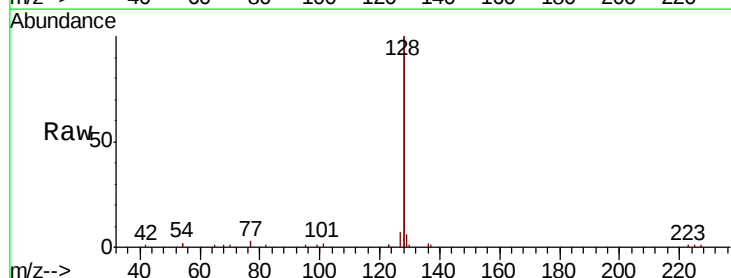
Tgt Ion: 128 Resp: 28722

Ion Ratio Lower Upper

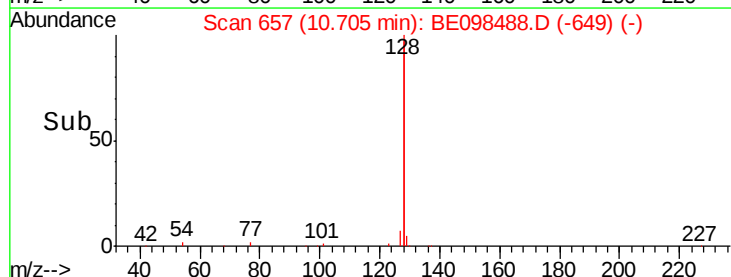
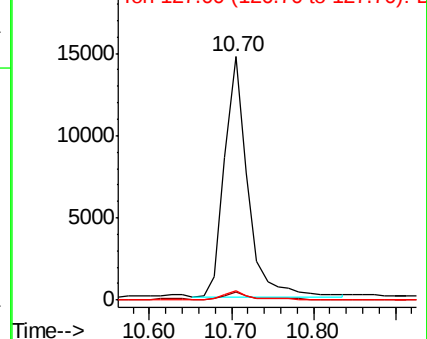
128 100

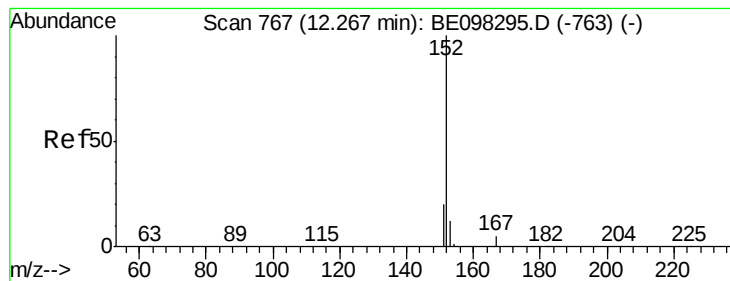
129 3.1 2.5 3.7

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 :

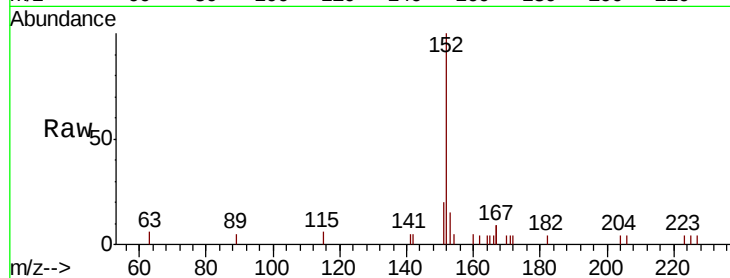
PR-MW-05_121218

Tot Ion:152 Resp: 2115

Ion Ratio Lower Upper

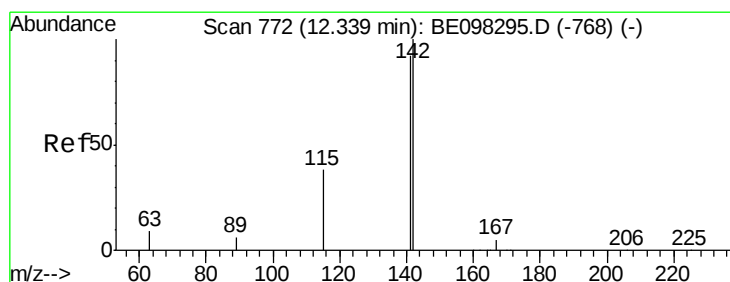
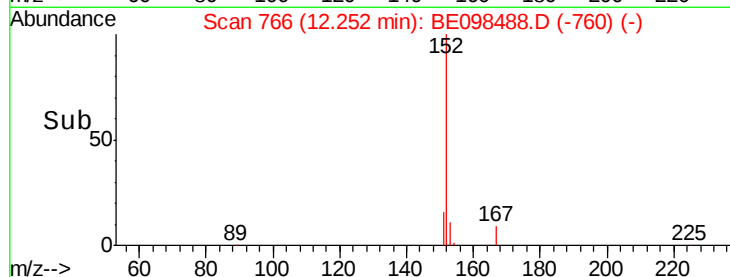
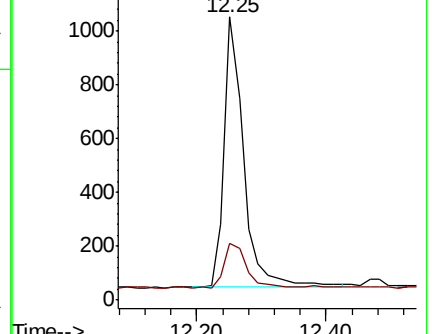
152 100

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

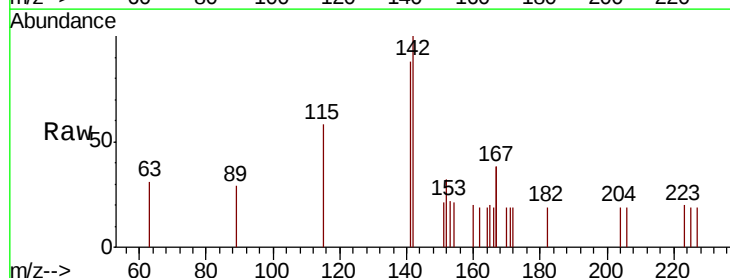
Tgt Ion:142 Resp: 440

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

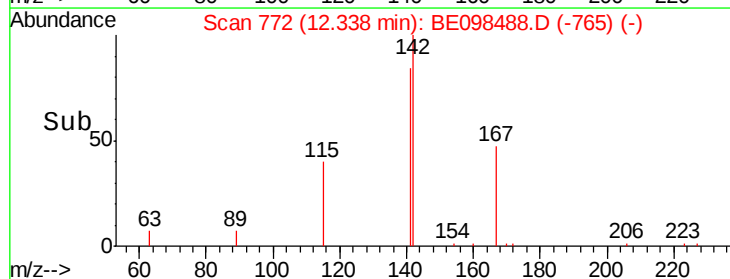
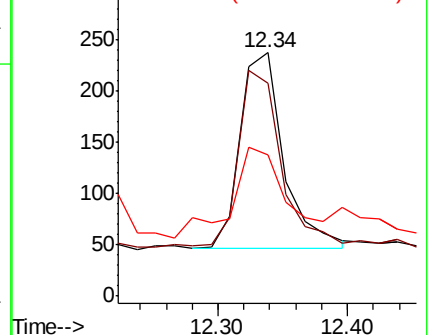
115 58.2 32.2 48.2#

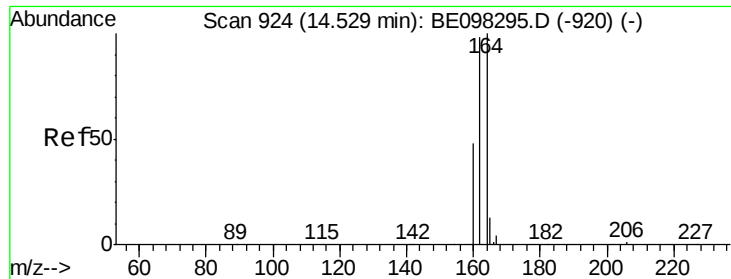


Abundance Ion 142.00 (141.70 to 142.70): E

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 :

BNA_E

ClientSampleId :

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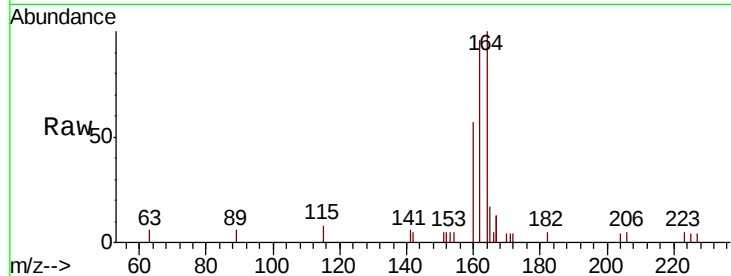
Tot Ion:164 Resp: 1993

Ion Ratio Lower Upper

164 100

162 96.2 77.6 116.4

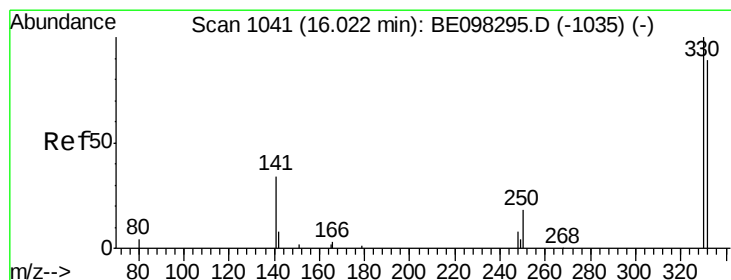
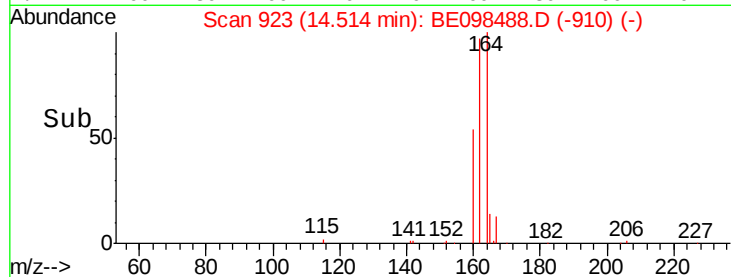
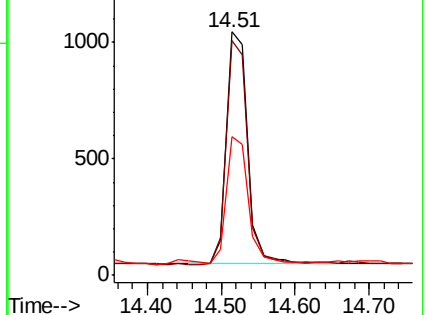
160 57.1 36.0 54.0#



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

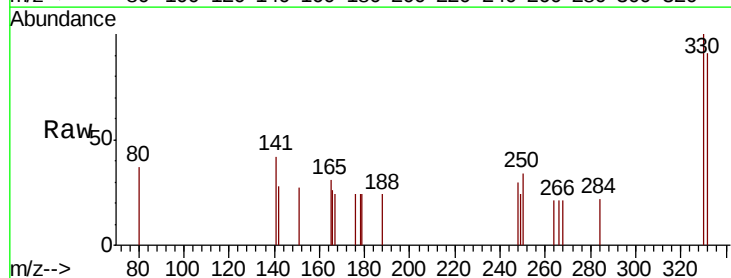
Tgt Ion:330 Resp: 378

Ion Ratio Lower Upper

330 100

332 93.4 76.2 114.4

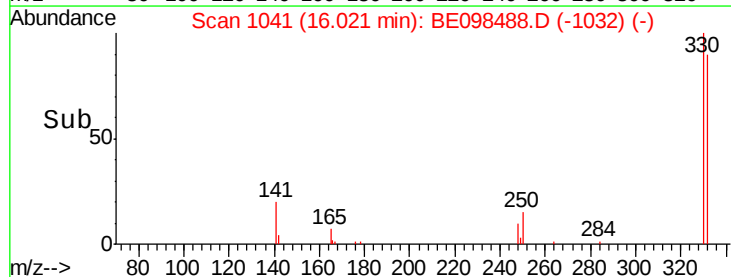
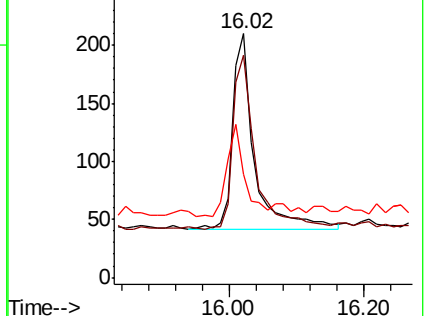
141 38.4 39.0 58.4#

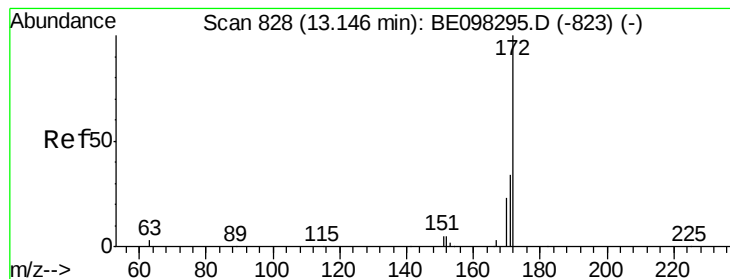


Abundance Ion 330.00 (329.70 to 330.70): E

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 :

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ClientSampleId :

PR-MW-05_121218

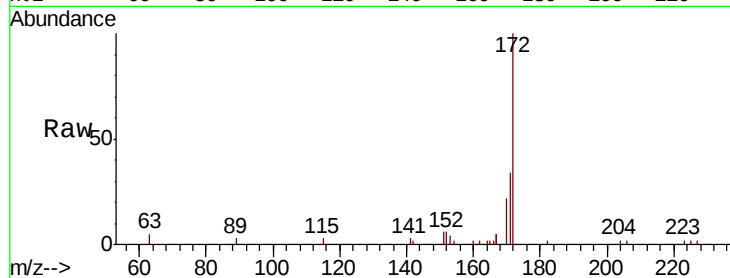
Tot Ion:172 Resp: 3670

Ion Ratio Lower Upper

172 100

171 34.3 27.5 41.3

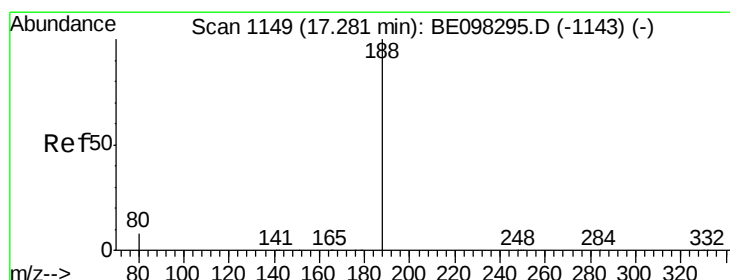
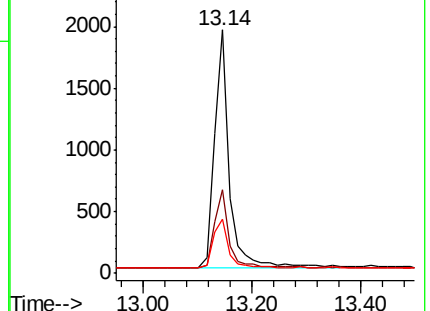
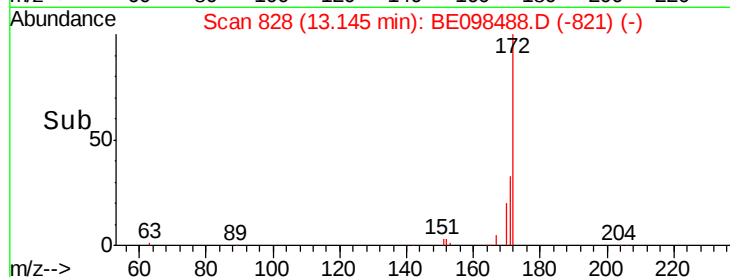
170 22.0 19.6 29.4



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

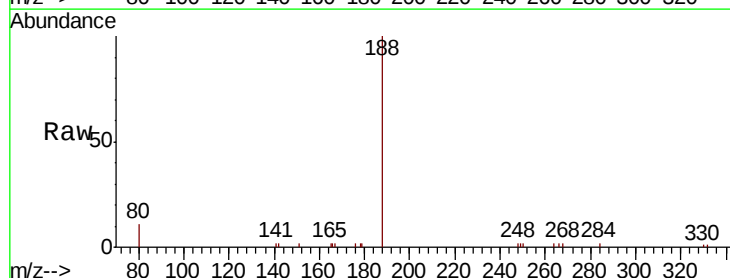
Tgt Ion:188 Resp: 5243

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

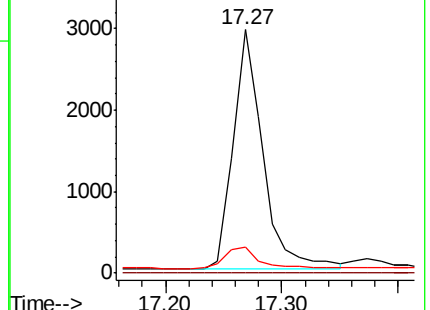
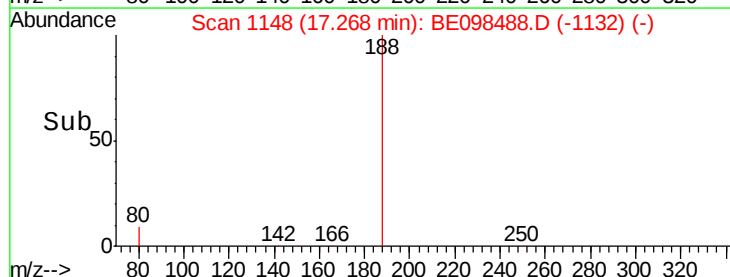
80 10.5 7.2 10.8

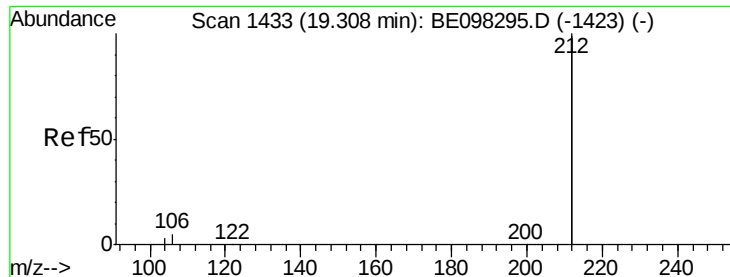


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

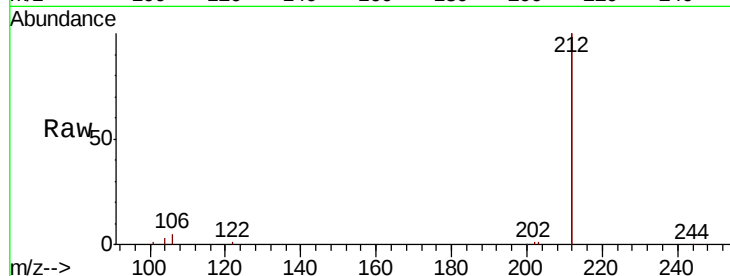
Tot Ion:212 Resp: 33275

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

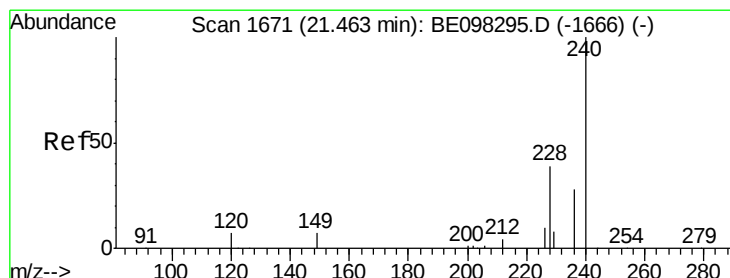
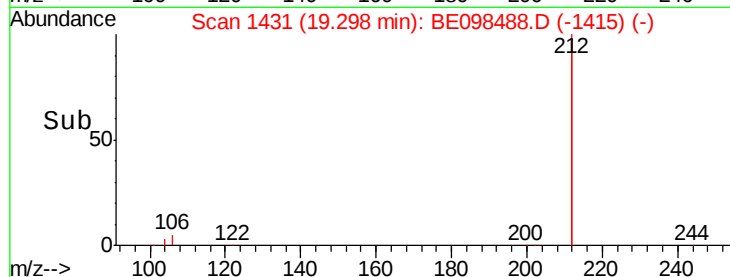
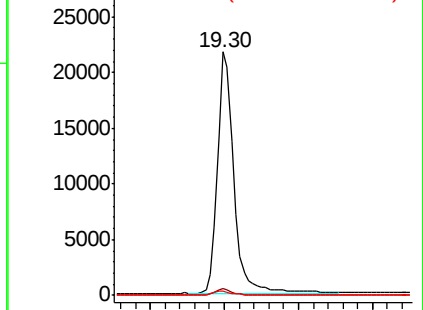
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098488.D

Acq: 16 Dec 2018 2:23

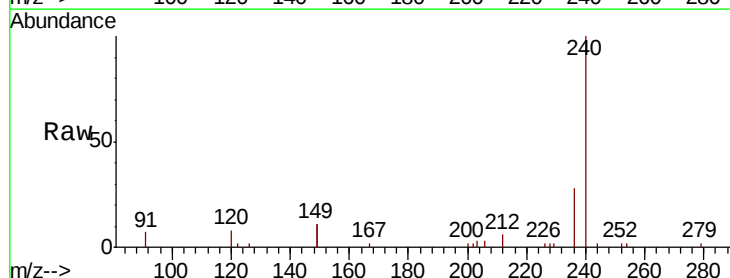
Tgt Ion:240 Resp: 6527

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

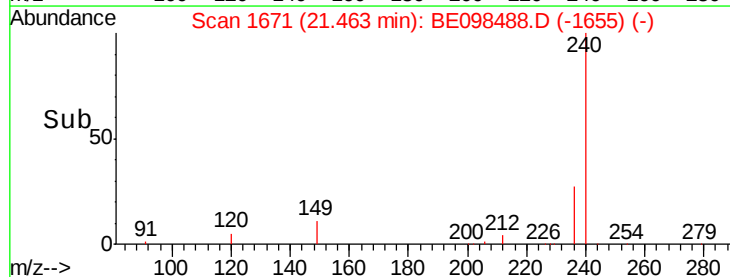
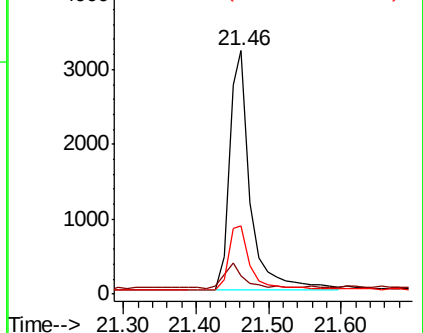
236 28.1 22.7 34.1

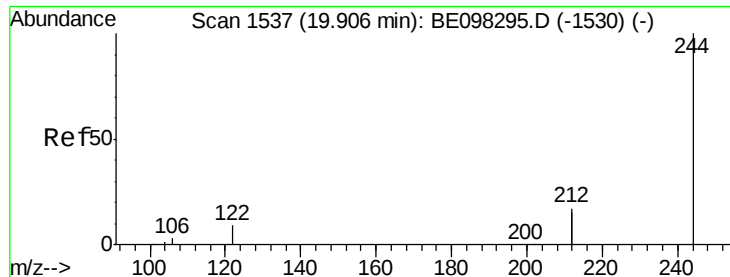


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_E

ClientSampleId :

PR-MW-05_121218

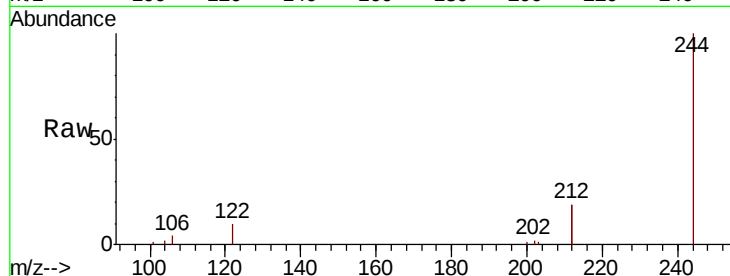
Tot Ion:244 Resp: 7105

Ion Ratio Lower Upper

244 100

212 37.6 27.4 41.0

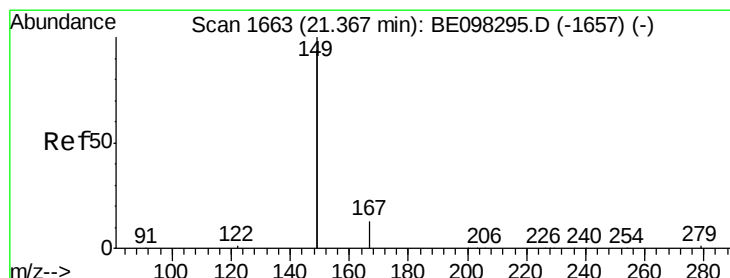
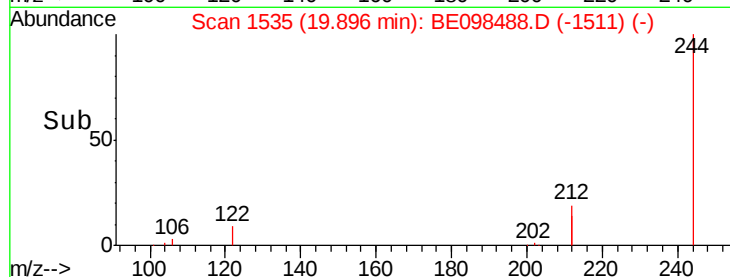
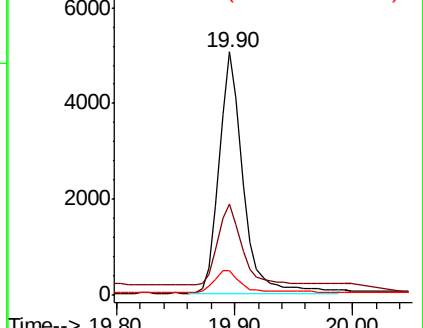
122 10.3 8.3 12.5



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

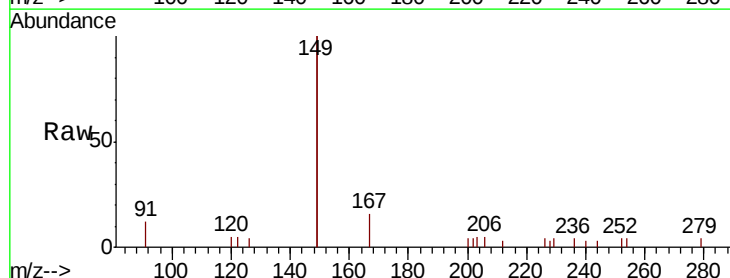
Tgt Ion:149 Resp: 3086

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

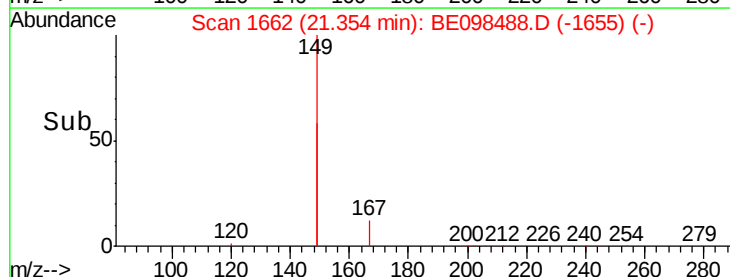
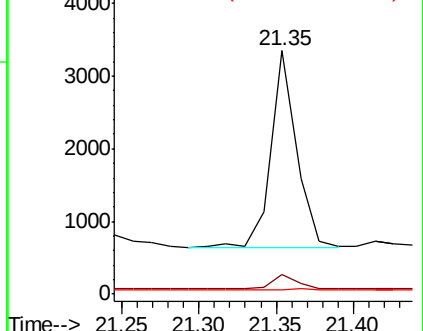
279 1.2 1.0 1.4

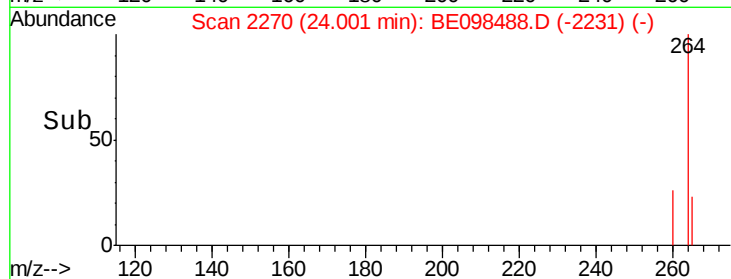
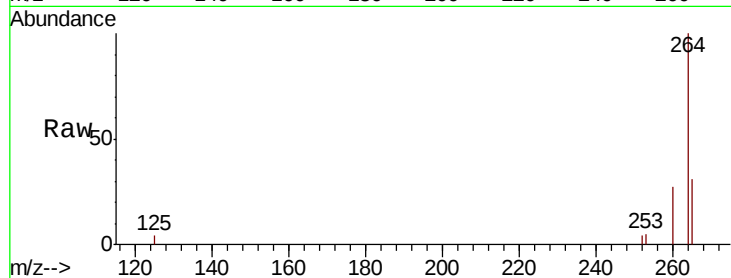


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-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

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05_121218

Tot Ion: 264 Resp: 6334
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.2 30.2
 265 31.5 25.2 37.8

