

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098492.D
 Acq On : 16 Dec 2018 4:55
 Operator : SJ/JU
 Sample : J6398-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02_121218

Quant Time: Dec 17 02:12:24 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	811	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3280	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3221	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5695	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	6963	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6764	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	377	0.20	ng	0.00
5) Phenol-d6	7.03	99	285	0.11	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1153	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2395	0.45	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	510	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	3948	0.29	ng	-0.01
25) Fluoranthene-d10	19.30	212	34748	0.48	ng	0.00
29) Terphenyl-d14	19.89	244	7668	0.45	ng	-0.01

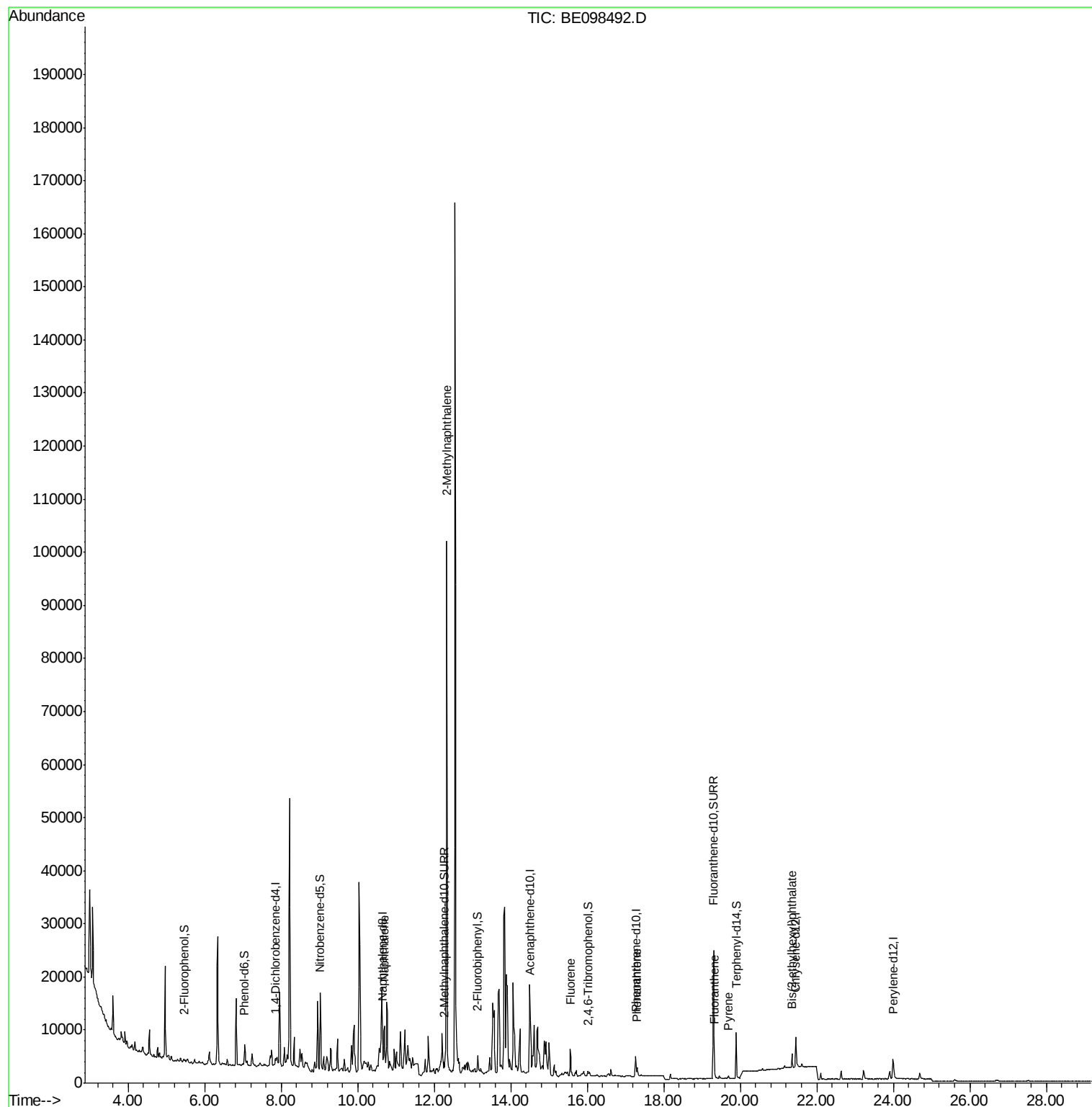
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.71	128	9546	0.289	ng	# 61
12) 2-Methylnaphthalene	12.32	142	64398	12.008	ng	97
18) Fluorene	15.56	166	3732	0.308	ng	# 93
23) Phenanthrene	17.30	178	1763	0.127	ng	# 95
26) Fluoranthene	19.33	202	602	0.033	ng	# 97
28) Pyrene	19.69	202	579	0.027	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.35	149	3122	0.078	ng	# 99

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

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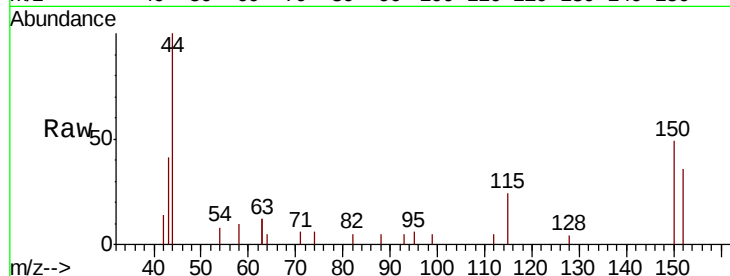


#1

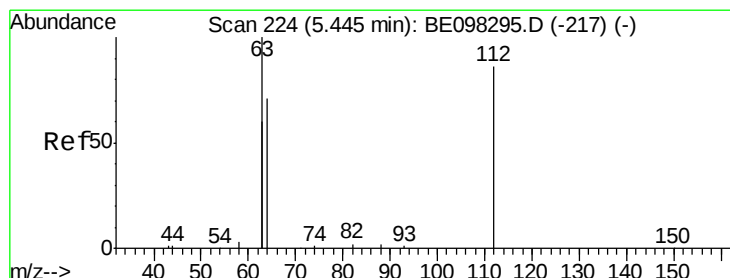
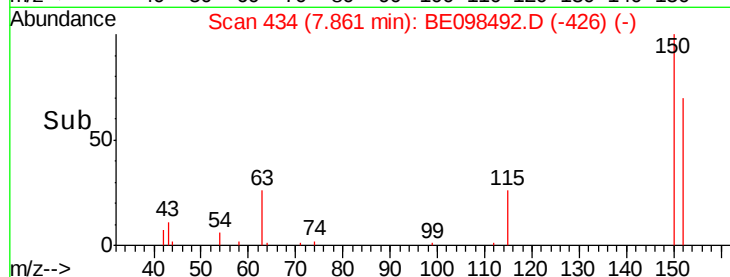
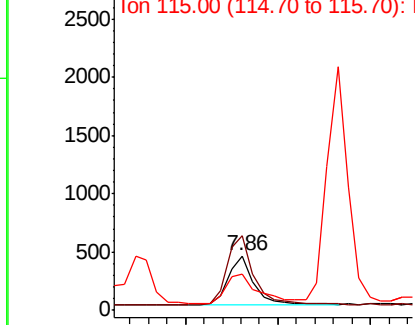
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	124.2	186.4
115	65.4	53.9	80.9



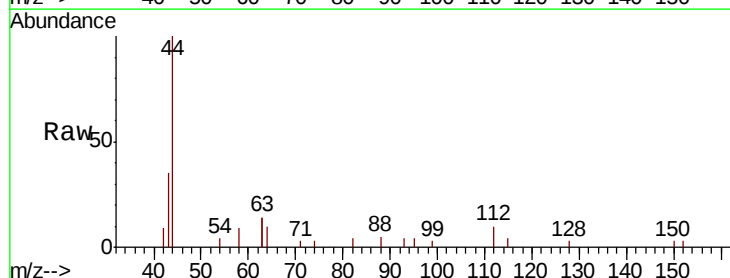
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



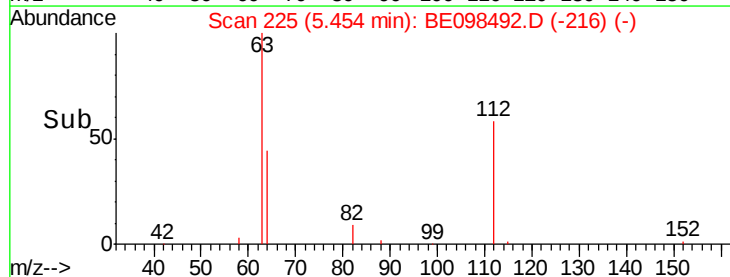
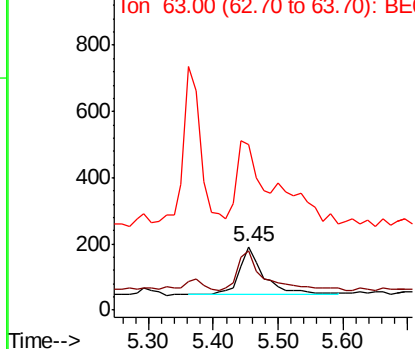
#4

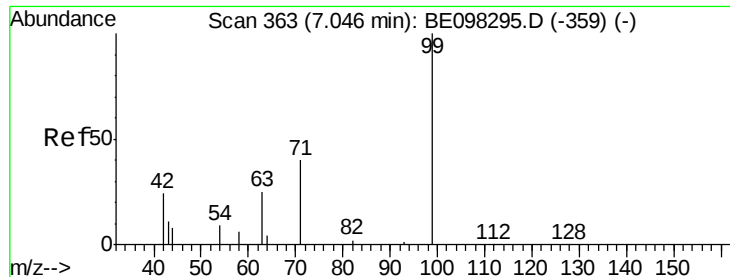
2-Fluorophenol
Concen: 0.199 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.9	59.8	89.8
63	145.1	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: 0.106 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

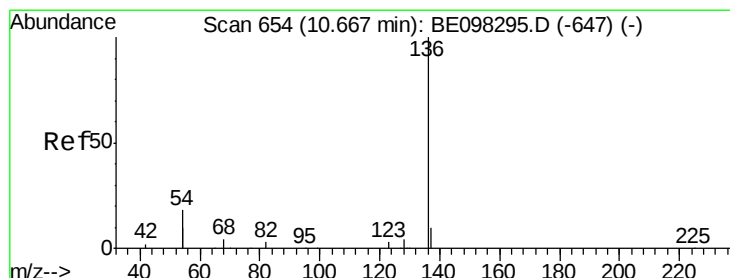
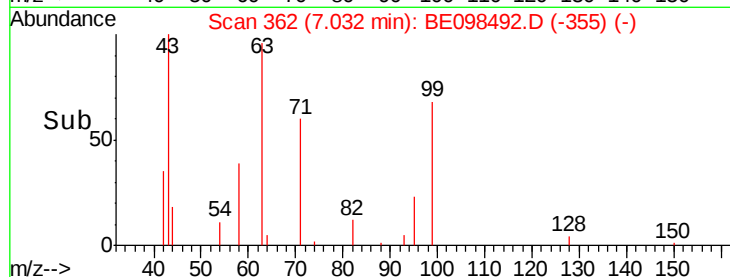
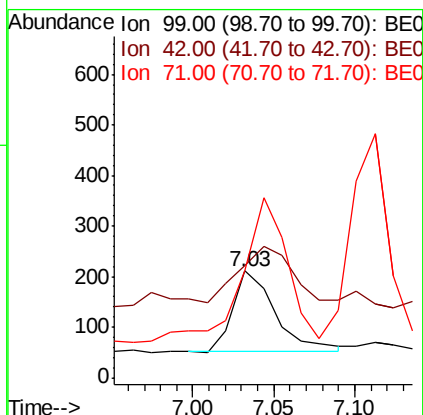
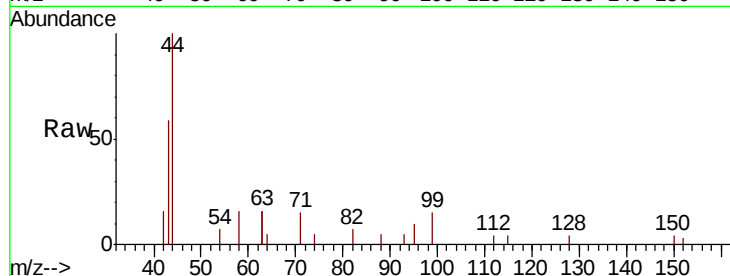
Tot Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 92.6 26.3 39.5#

71 196.5 33.6 50.4#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Tgt Ion: 136 Resp: 3280

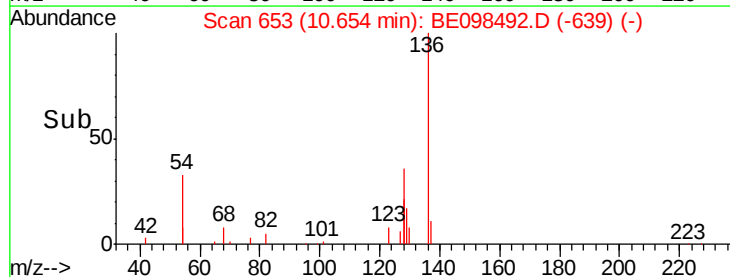
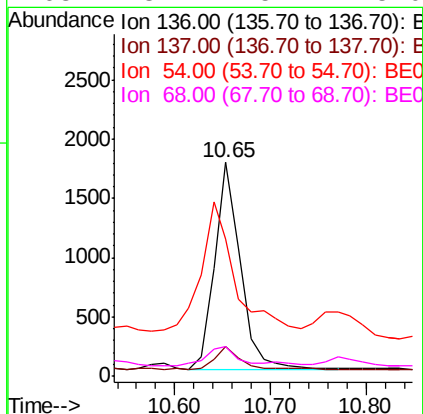
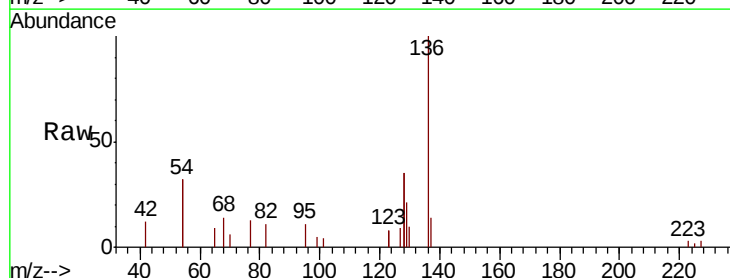
Ion Ratio Lower Upper

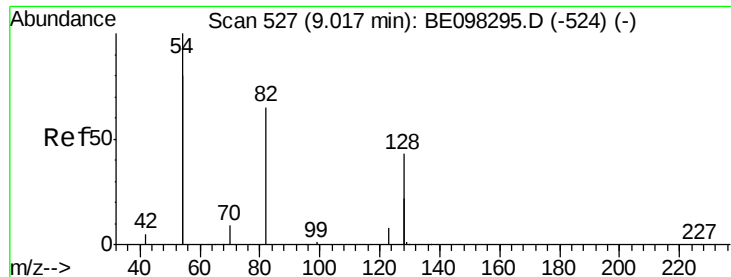
136 100

137 13.7 9.2 13.8

54 64.3 28.4 42.6#

68 13.7 5.4 8.0#





#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

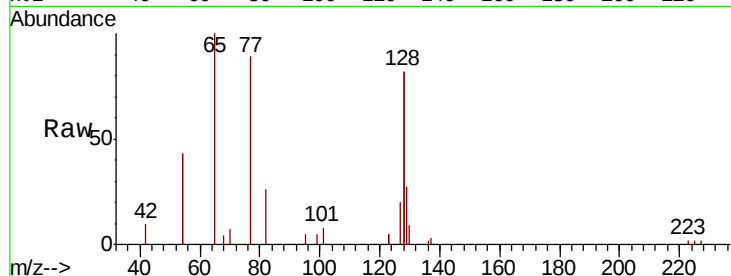
Tot Ion: 82 Resp: 1153

Ion Ratio Lower Upper

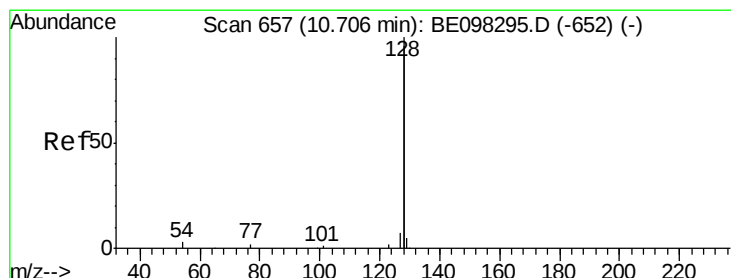
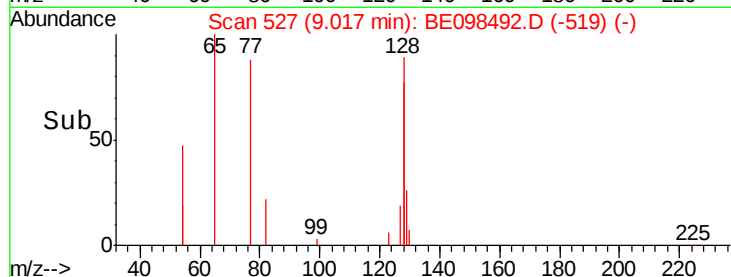
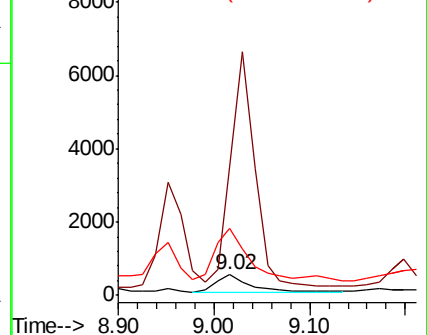
82 100

128 626.8 102.4 153.6#

54 328.9 221.8 332.8



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: 0.289 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

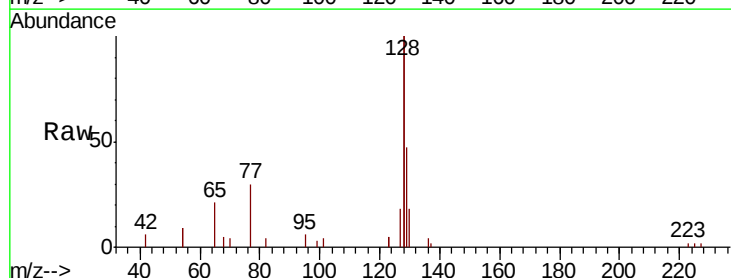
Tgt Ion:128 Resp: 9546

Ion Ratio Lower Upper

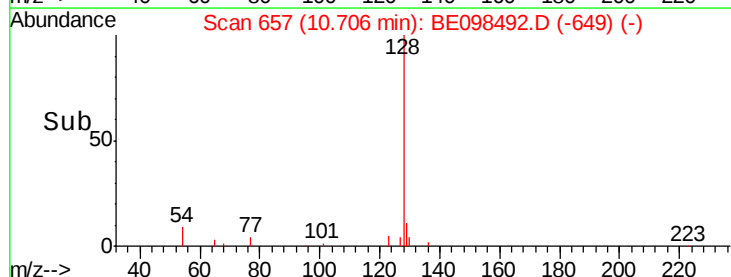
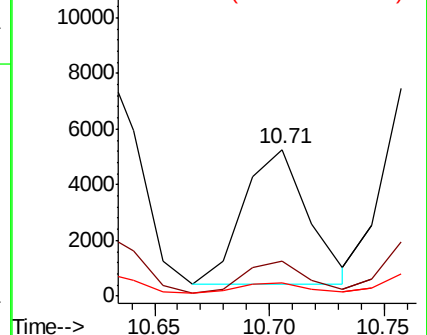
128 100

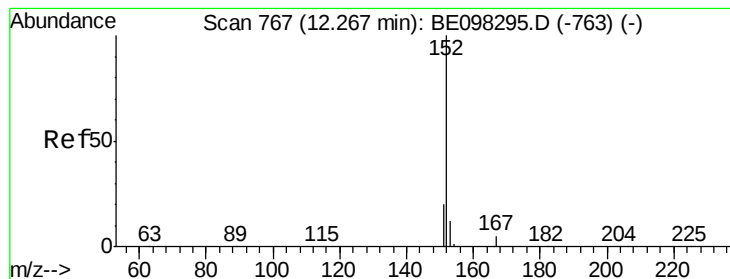
129 23.6 2.5 3.7#

127 9.1 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: 0.449 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

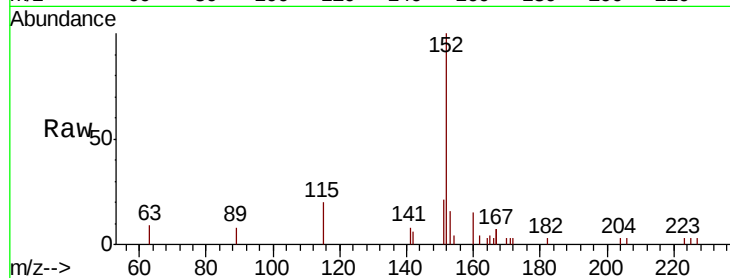
PR-MW-02_121218

Tot Ion:152 Resp: 2395

Ion Ratio Lower Upper

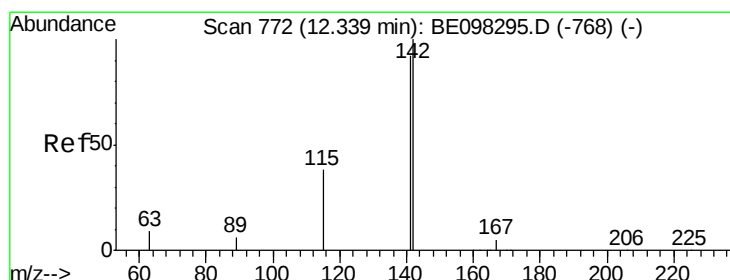
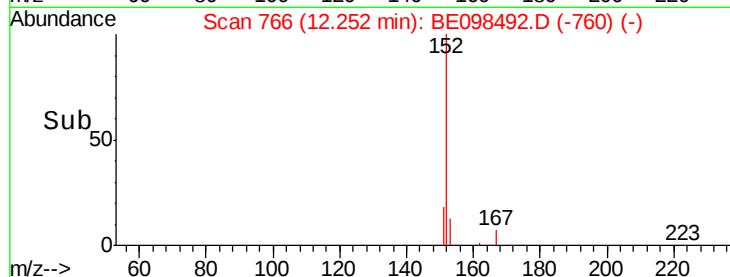
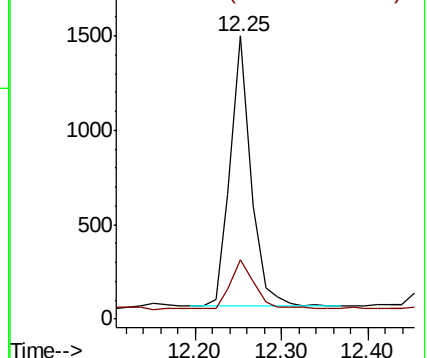
152 100

151 20.8 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: 12.008 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

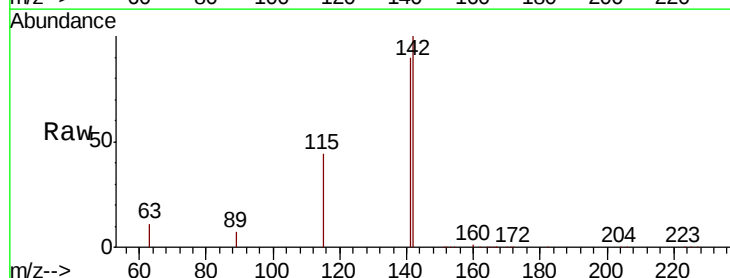
Tgt Ion:142 Resp: 64398

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.6

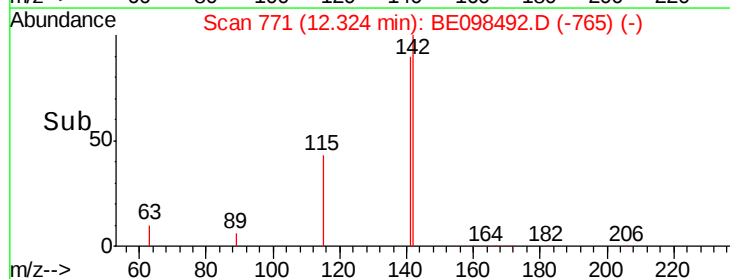
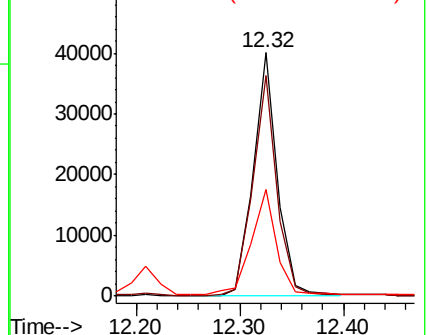
115 43.6 32.2 48.2

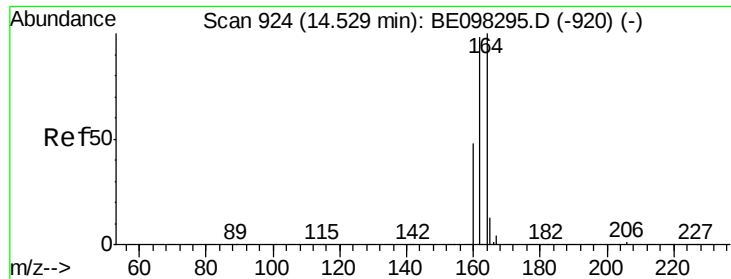


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

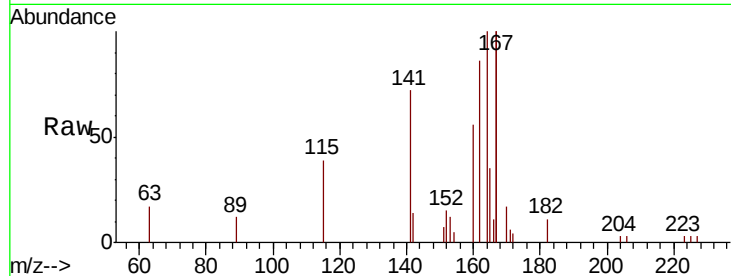
Tot Ion:164 Resp: 3221

Ion Ratio Lower Upper

164 100

162 86.1 77.6 116.4

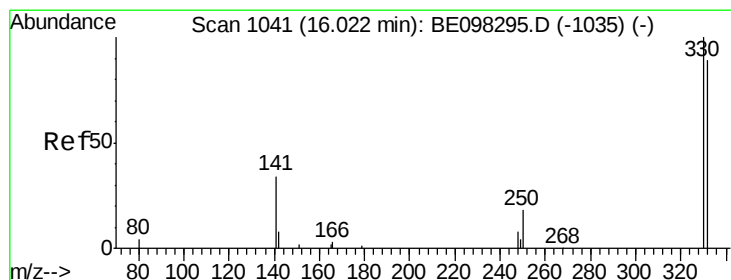
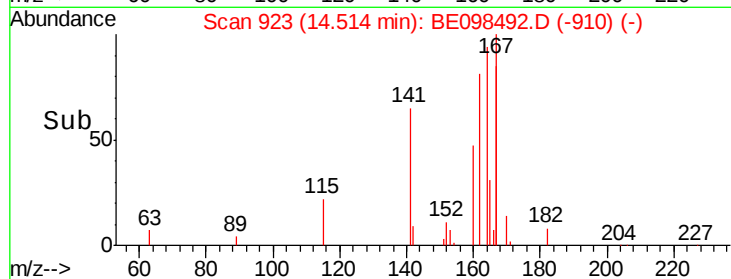
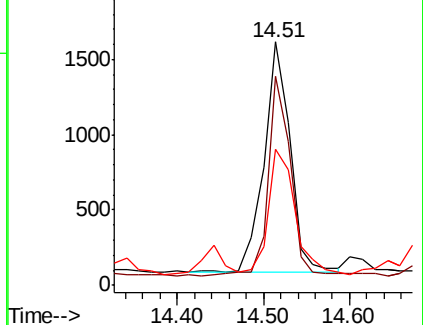
160 55.9 36.0 54.0#



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: 0.431 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

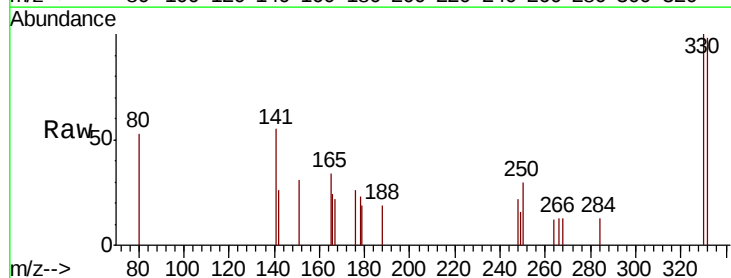
Tgt Ion:330 Resp: 510

Ion Ratio Lower Upper

330 100

332 101.0 76.2 114.4

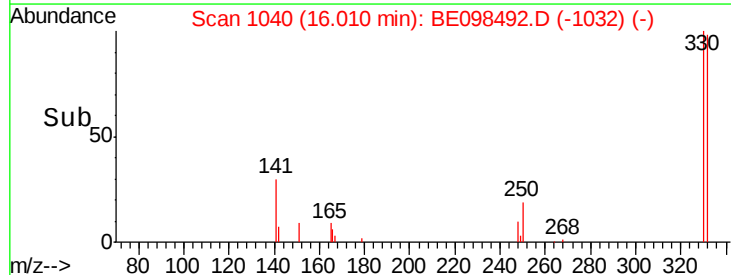
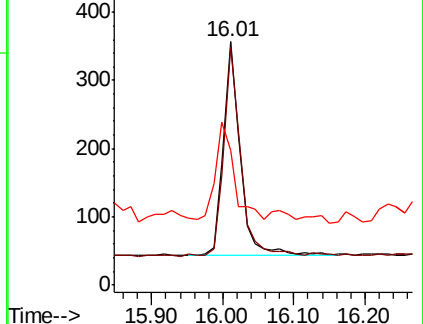
141 49.0 39.0 58.4

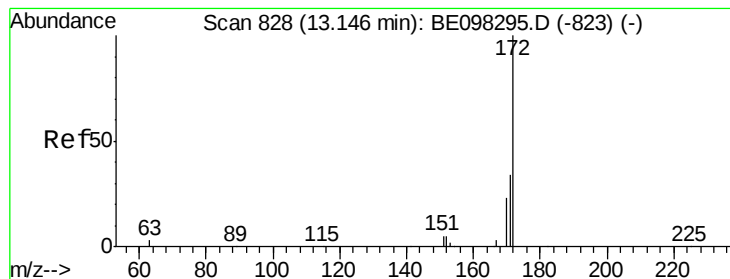


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

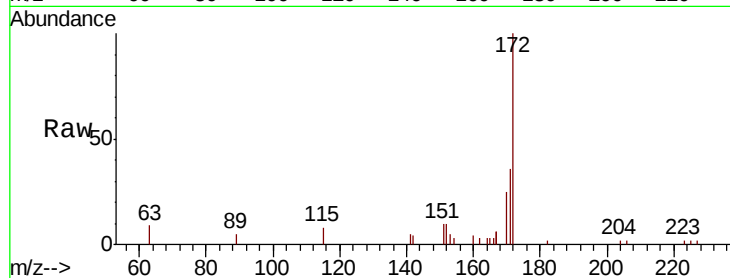




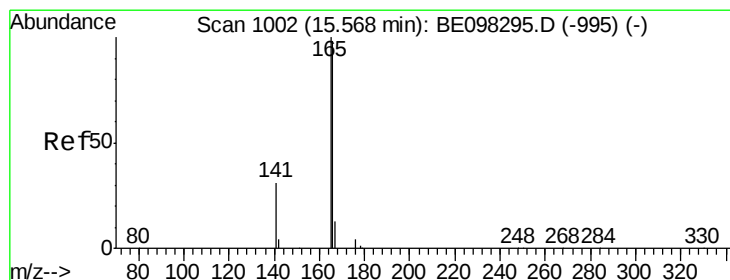
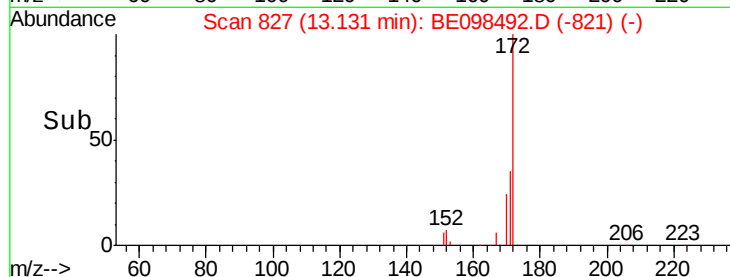
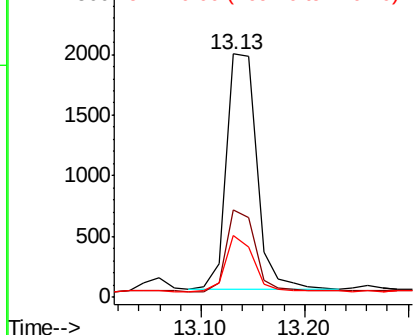
#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tot Ion:172 Resp: 3948
Ion Ratio Lower Upper
172 100
171 36.0 27.5 41.3
170 25.3 19.6 29.4

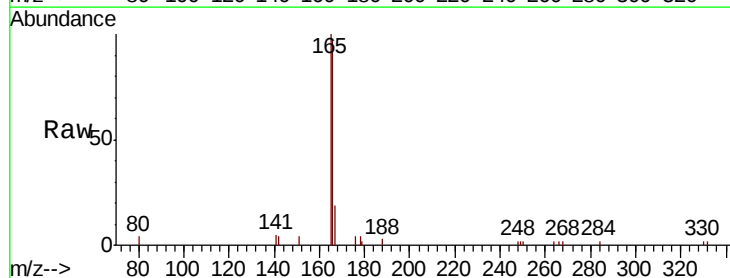


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

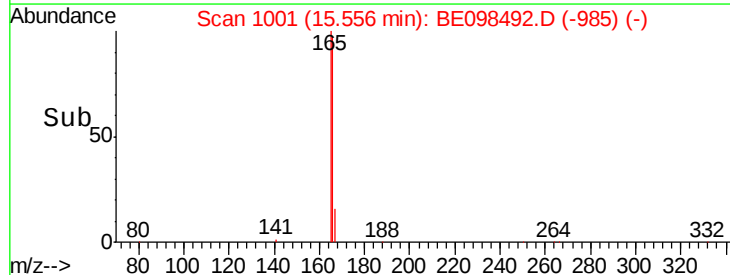
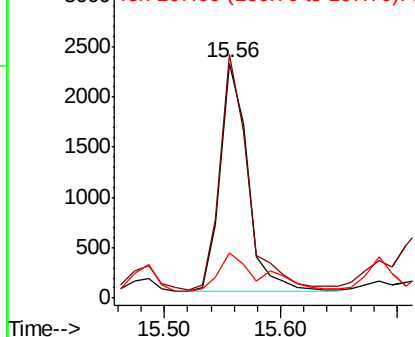


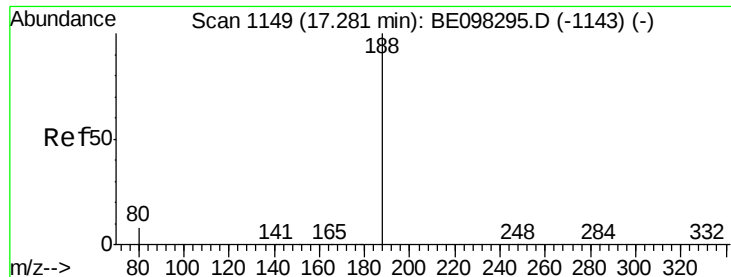
#18
Fluorene
Concen: 0.308 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:166 Resp: 3732
Ion Ratio Lower Upper
166 100
165 103.2 79.3 118.9
167 26.2 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

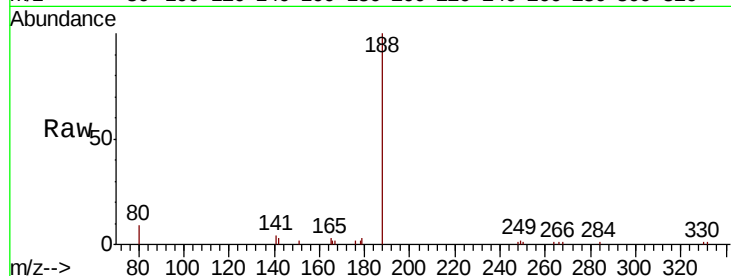
Tot Ion:188 Resp: 5695

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

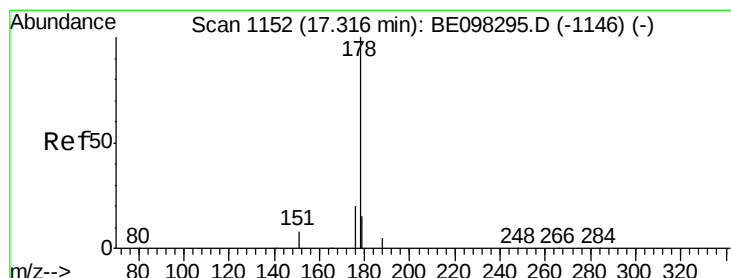
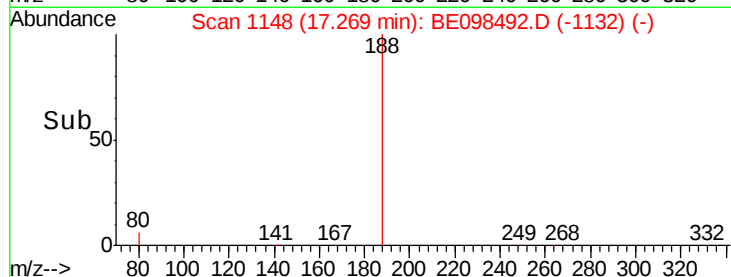
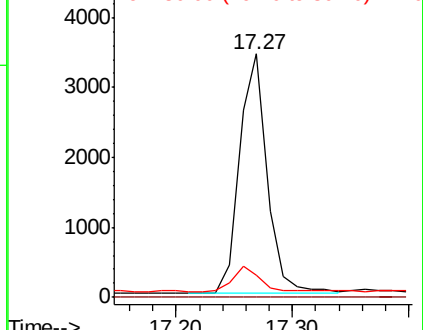
80 8.9 7.2 10.8



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



#23

Phenanthrene

Concen: 0.127 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

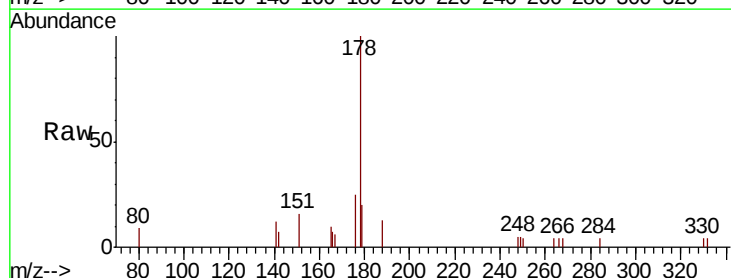
Tgt Ion:178 Resp: 1763

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

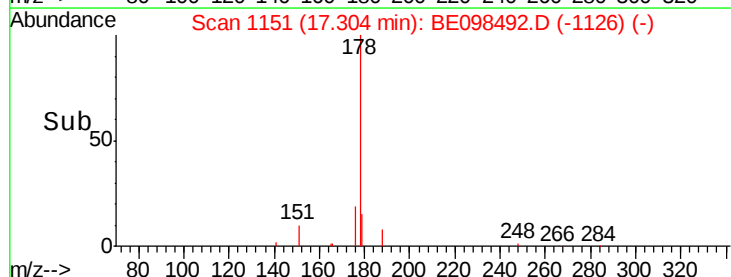
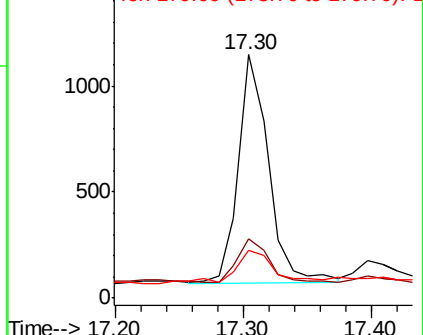
179 19.8 12.3 18.5#

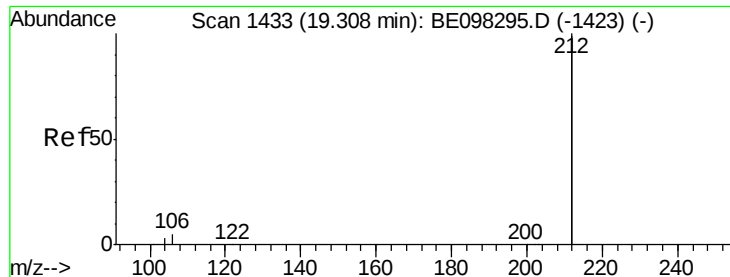


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

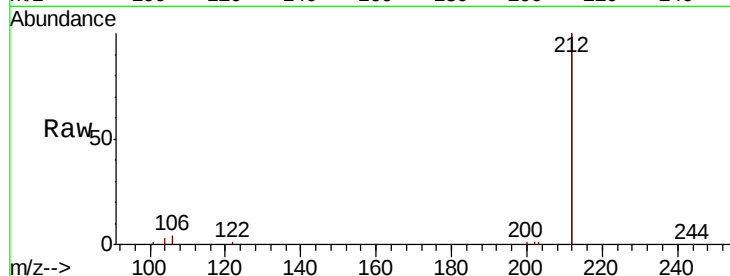
Tot Ion:212 Resp: 34748

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

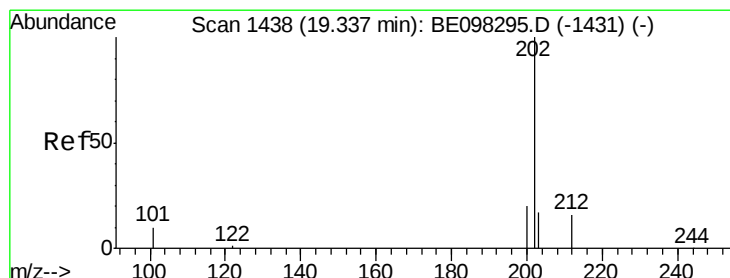
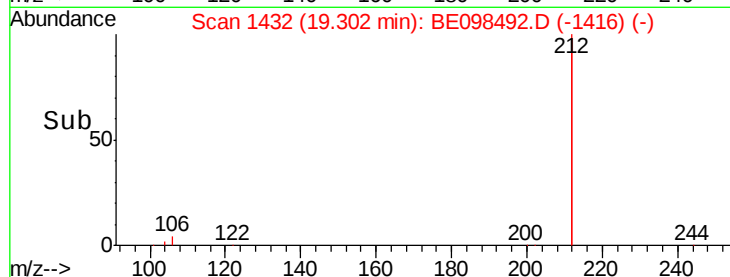
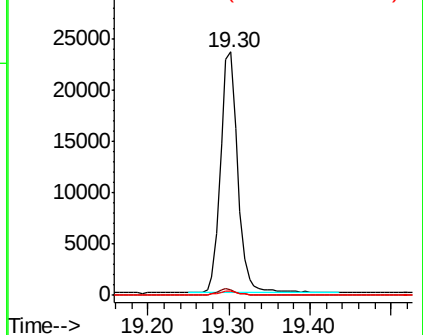
104 1.4 1.3 1.9



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



#26

Fluoranthene

Concen: 0.033 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

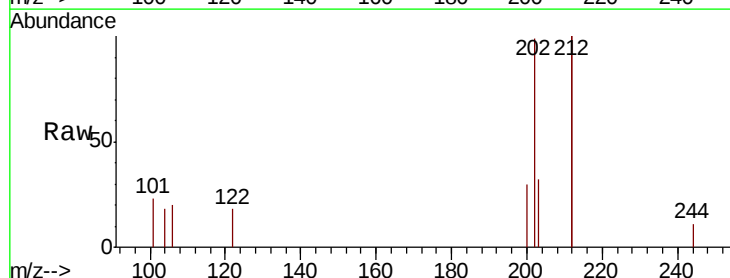
Tgt Ion:202 Resp: 602

Ion Ratio Lower Upper

202 100

101 7.8 8.0 12.0#

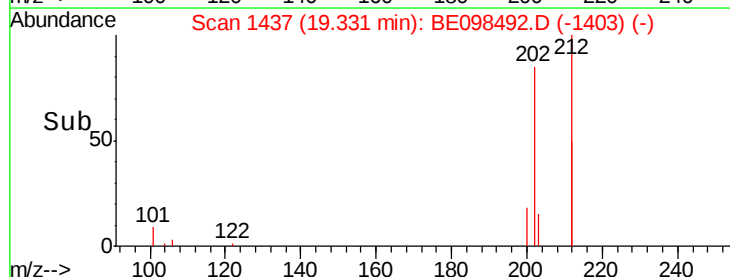
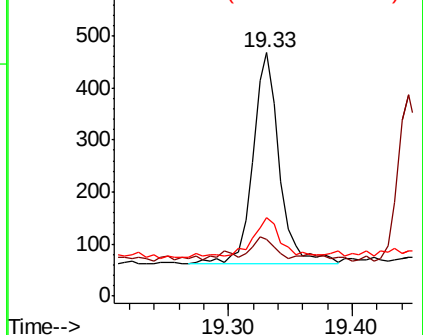
203 16.9 13.8 20.6

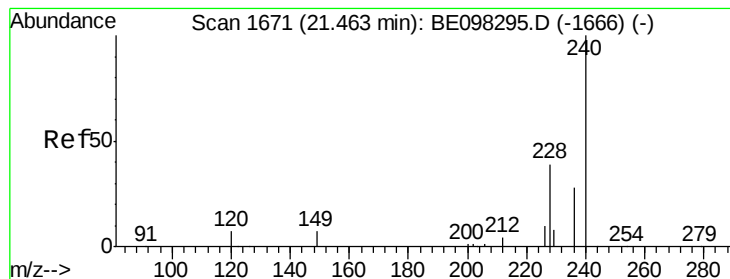


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

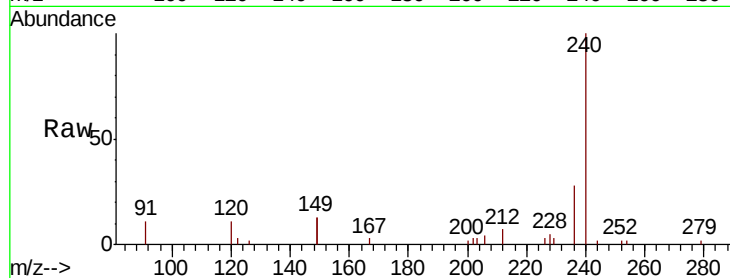
Tot Ion:240 Resp: 6963

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

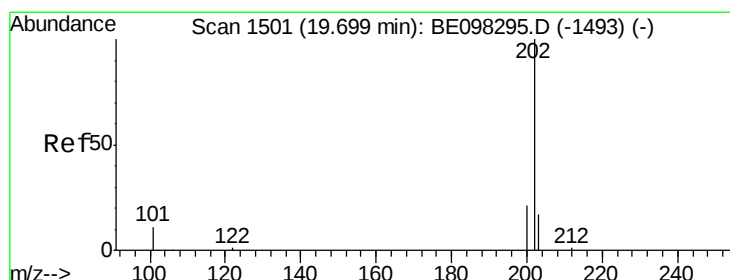
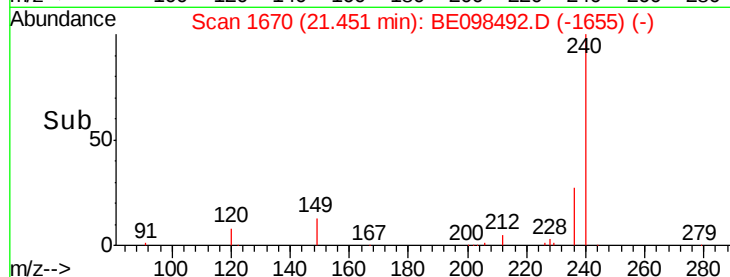
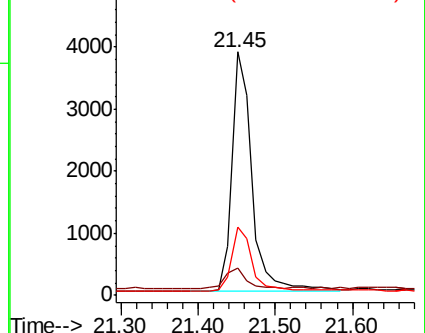
236 28.1 22.7 34.1



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



#28

Pyrene

Concen: 0.027 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

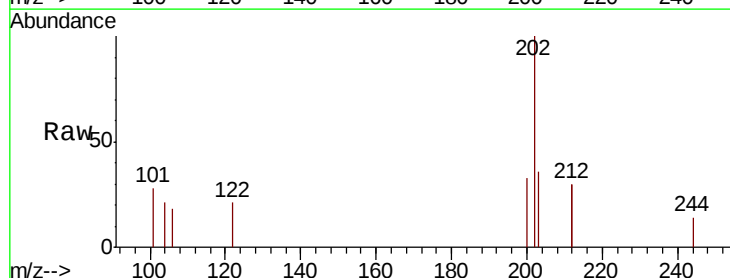
Tgt Ion:202 Resp: 579

Ion Ratio Lower Upper

202 100

200 22.6 16.7 25.1

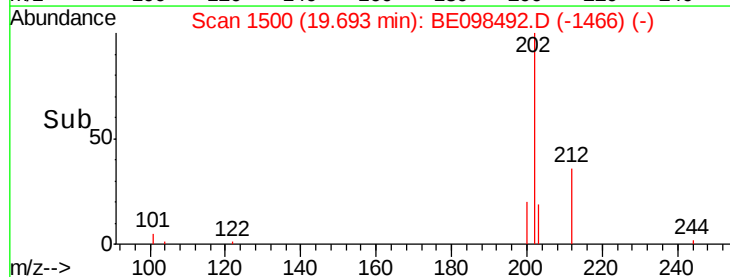
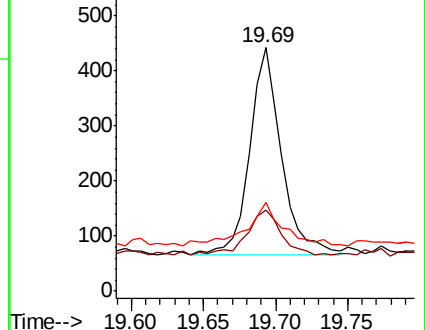
203 25.9 14.1 21.1#

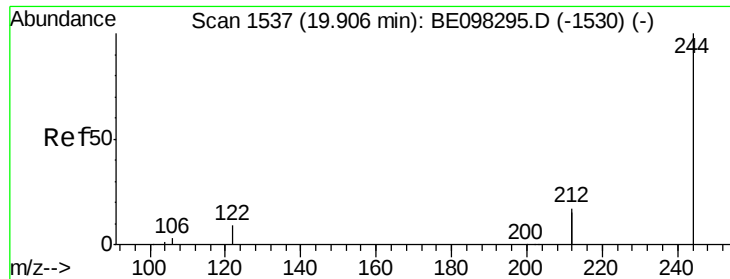


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

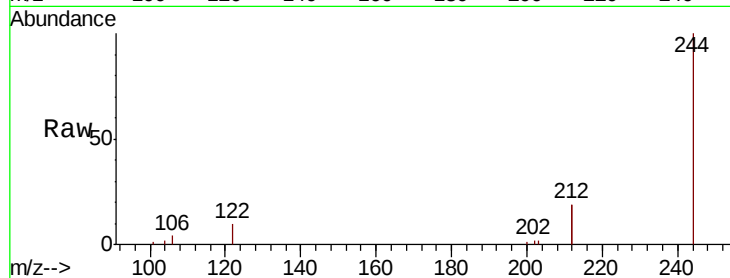
Tot Ion:244 Resp: 7668

Ion Ratio Lower Upper

244 100

212 38.3 27.4 41.0

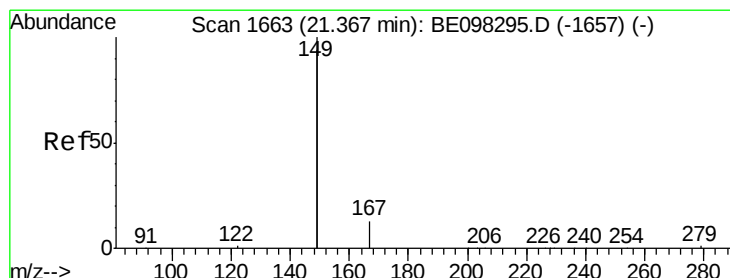
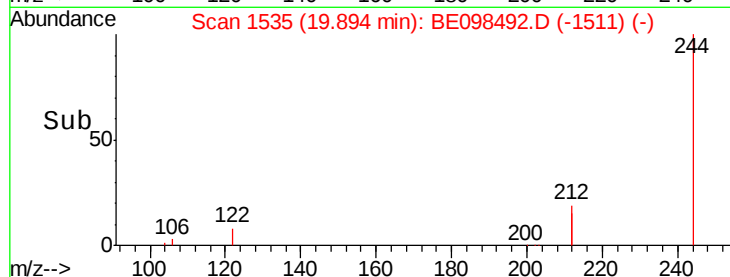
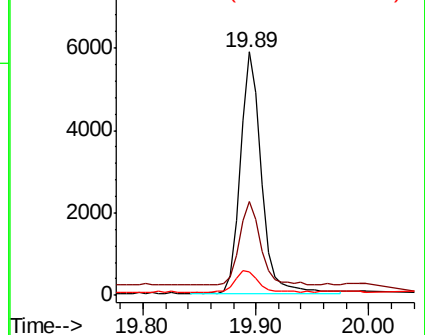
122 9.8 8.3 12.5



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: 0.078 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

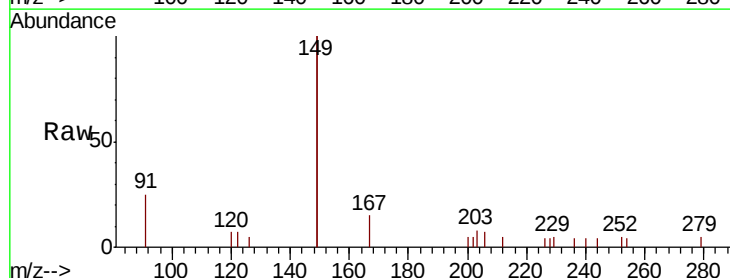
Tgt Ion:149 Resp: 3122

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

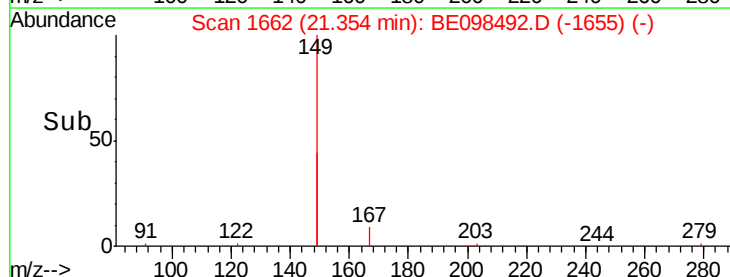
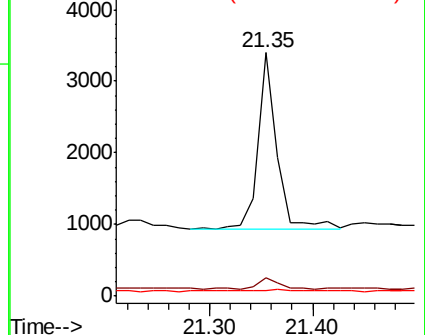
279 1.6 1.0 1.4#

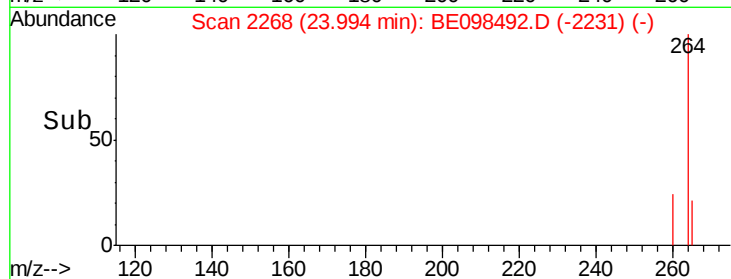
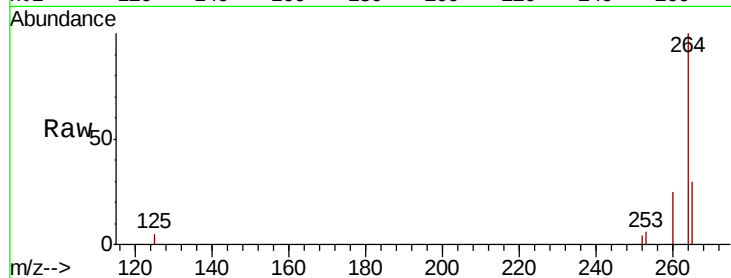
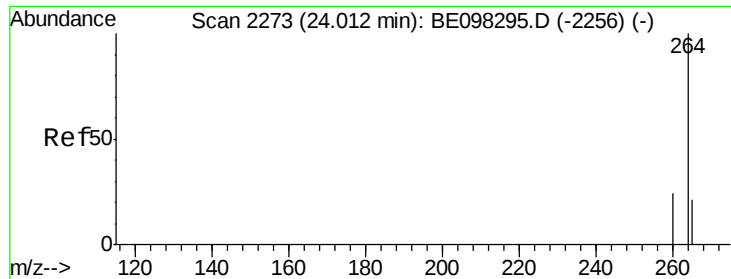


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098492.D

Acq: 16 Dec 2018 4:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-02_121218

Tot Ion:264 Resp: 6764

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 30.5 25.2 37.8

