

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004835.D
 Acq On : 21 Mar 2019 00:40
 Operator : JU/SJ
 Sample : K1842-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-02_030819

Quant Time: Mar 21 09:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1572	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7277	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	9302	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	12746	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16730	0.40	ng	0.00
34) Perylene-d12	23.54	264	18501	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	792	0.19	ng	0.00
5) Phenol-d6	6.88	99	605	0.11	ng	0.00
8) Nitrobenzene-d5	8.86	82	1588	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5158	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1725	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	8132	0.21	ng	0.00
25) Fluoranthene-d10	19.13	212	17623	0.41	ng	0.00
29) Terphenyl-d14	19.73	244	16568	0.48	ng	0.00

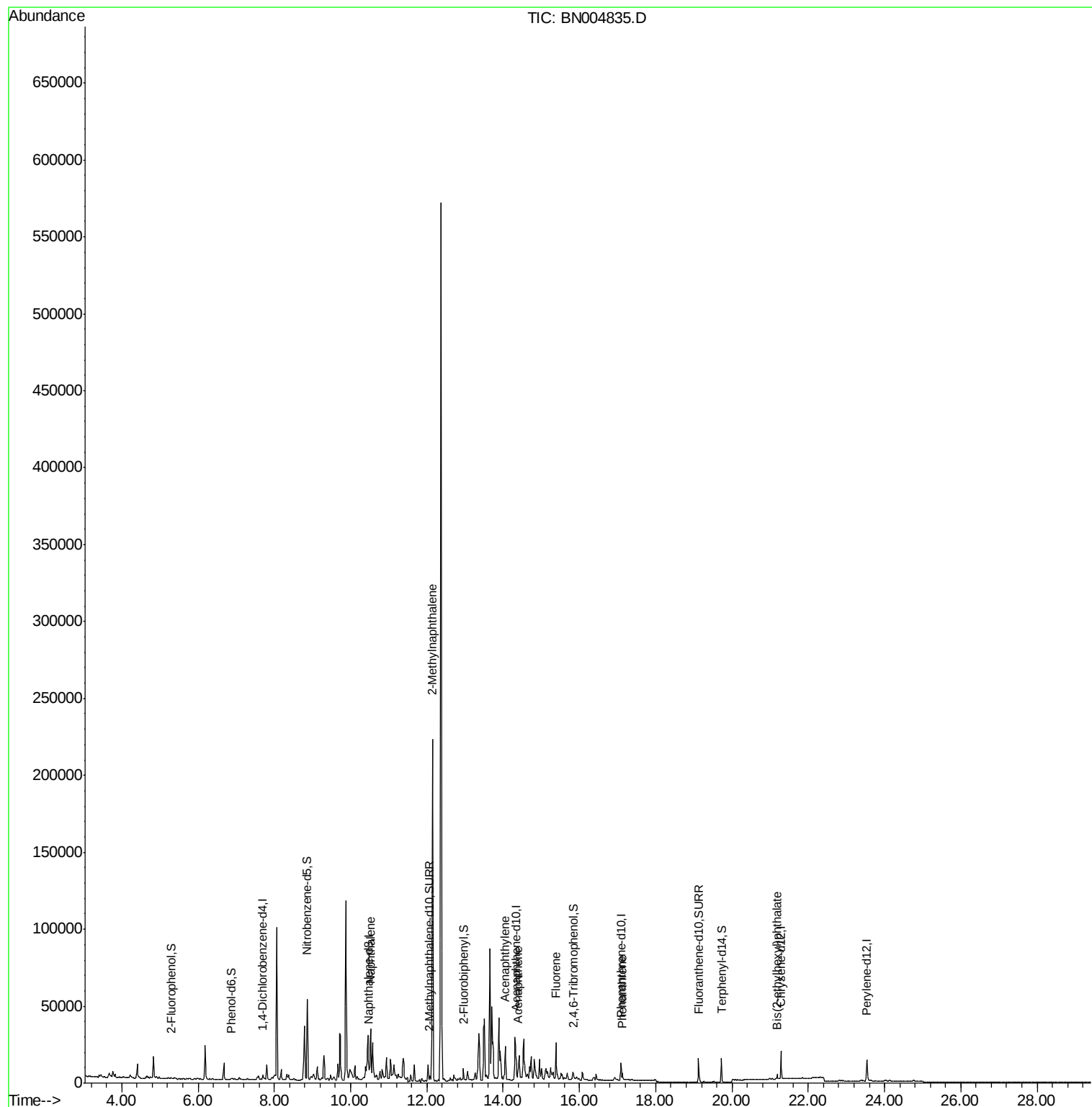
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.53	128	28751	1.409	ng	# 80
12) 2-Methylnaphthalene	12.15	142	156647	10.333	ng	99
16) Acenaphthylene	14.05	152	3119	0.065	ng	# 1
17) Acenaphthene	14.40	154	3906	0.124	ng	# 46
18) Fluorene	15.39	166	13655	0.312	ng	# 93
23) Phenanthrene	17.13	178	4229	0.103	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	2478	0.113	ng	# 99

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

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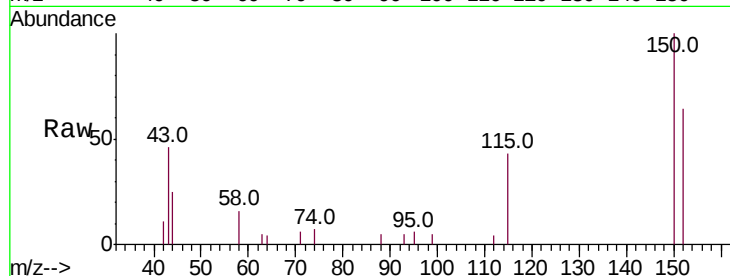


#1

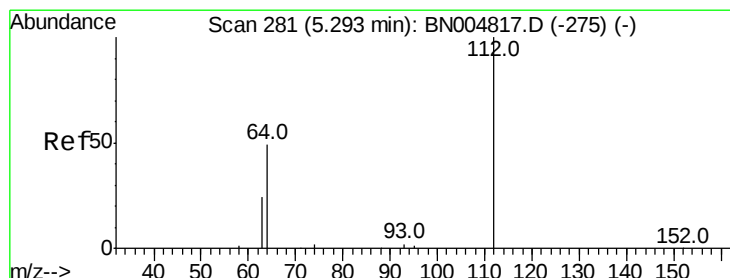
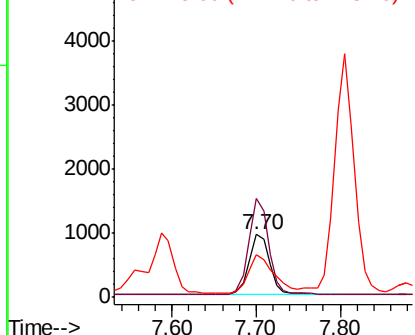
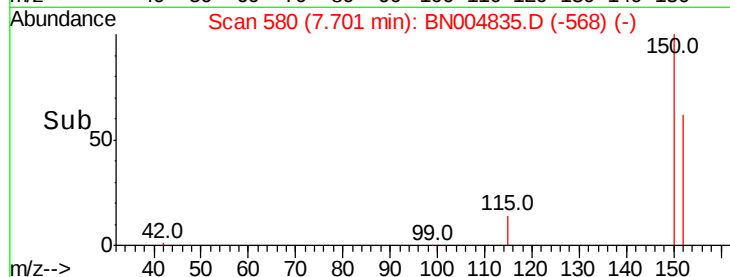
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tot Ion:152 Resp: 1572
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.4
115 67.1 52.6 79.0



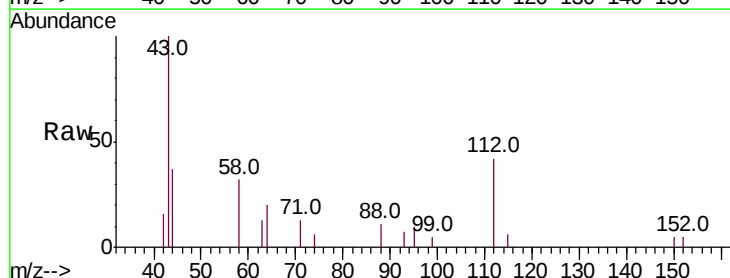
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



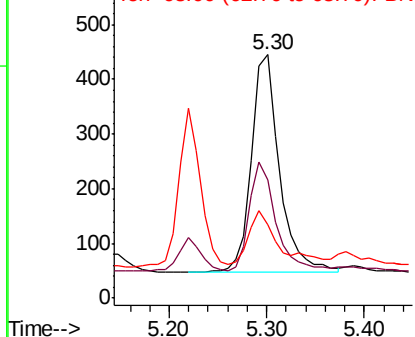
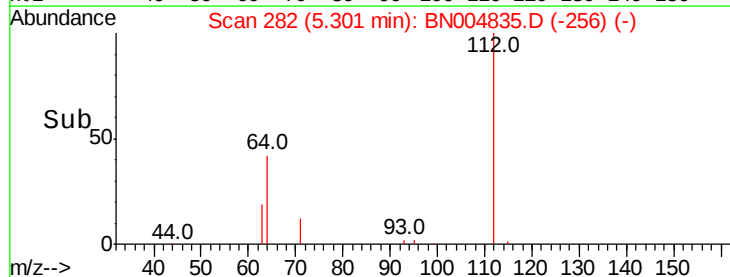
#4

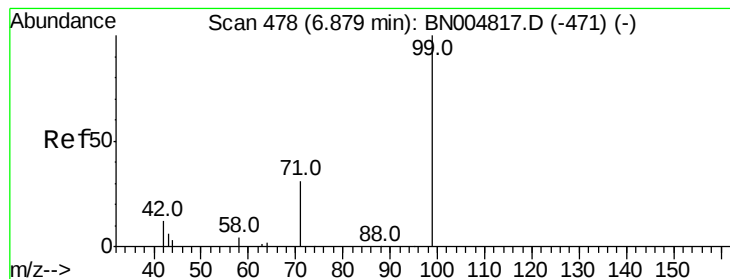
2-Fluorophenol
Concen: 0.185 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:112 Resp: 792
Ion Ratio Lower Upper
112 100
64 46.5 40.0 60.0
63 27.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.114 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

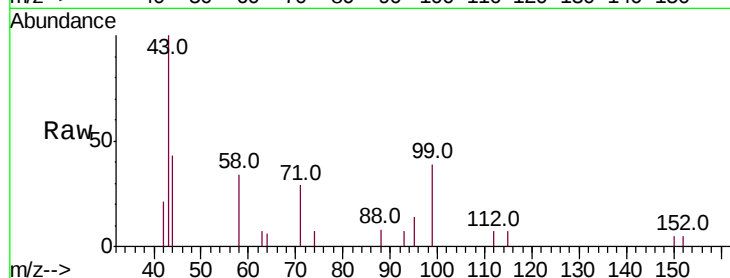
Tot Ion: 99 Resp: 605

Ion Ratio Lower Upper

99 100

42 21.7 12.7 19.1#

71 87.9 26.6 40.0#

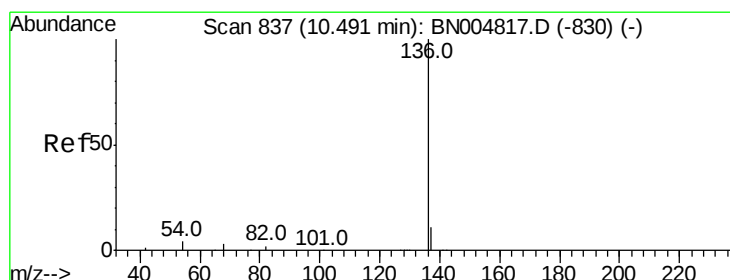
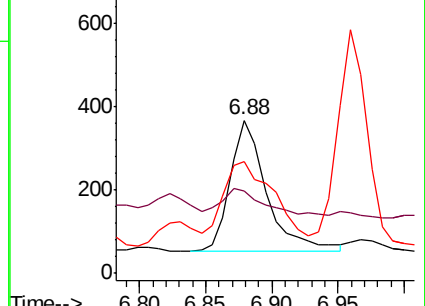
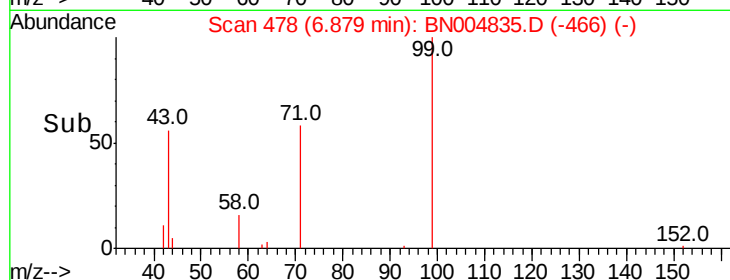


Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Tgt Ion:136 Resp: 7277

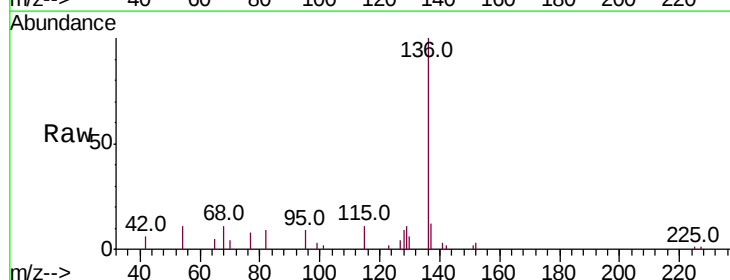
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 10.7 4.2 6.2#

68 10.5 3.9 5.9#



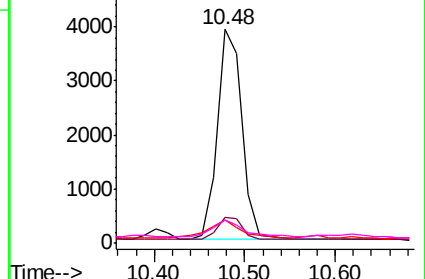
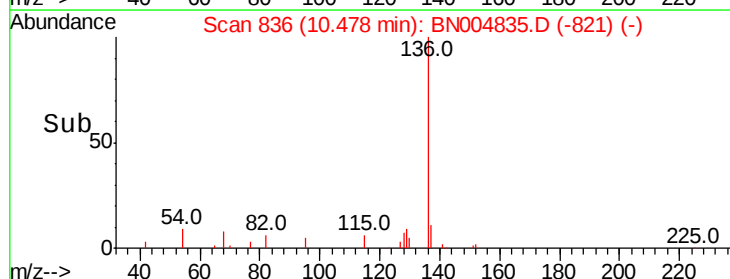
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

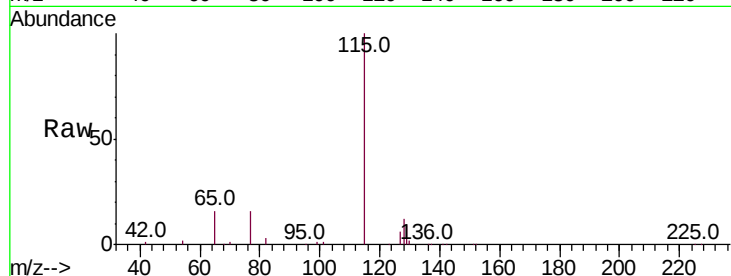
Tot Ion: 82 Resp: 1588

Ion Ratio Lower Upper

82 100

128 419.9 43.0 64.6#

54 64.9 35.3 52.9#

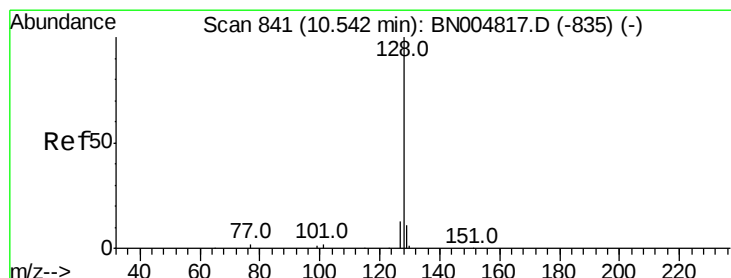
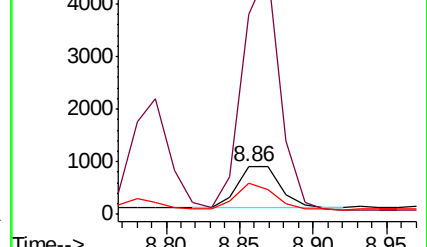
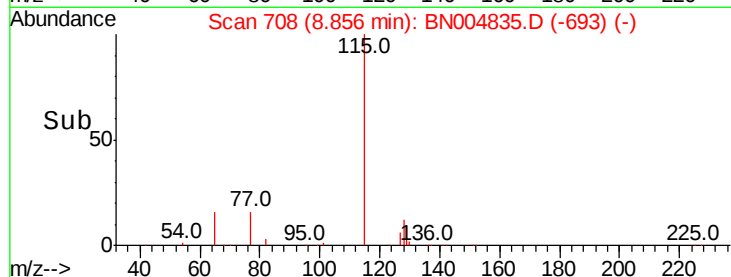


Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

Time-->



#9

Naphthalene

Concen: 1.409 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

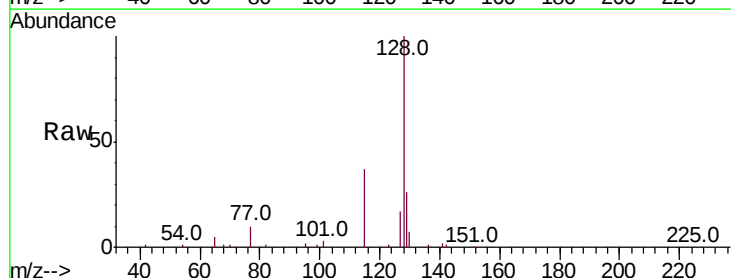
Tgt Ion: 128 Resp: 28751

Ion Ratio Lower Upper

128 100

129 25.8 9.9 14.9#

127 17.5 11.3 16.9#

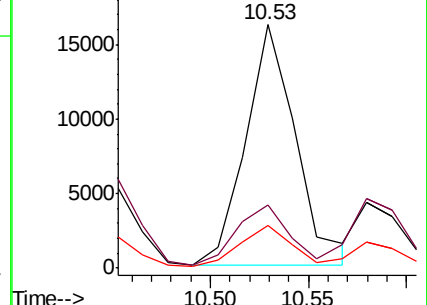
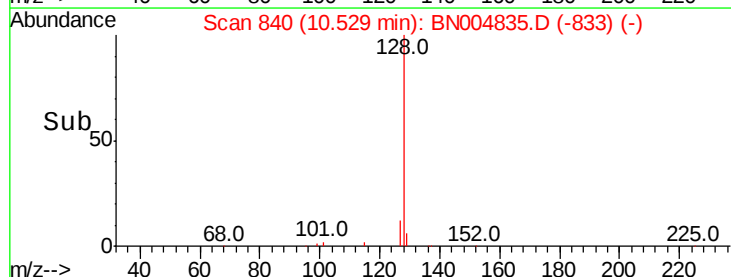


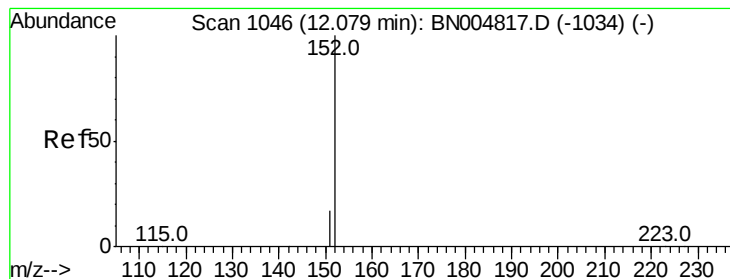
Abundance Ion 128.00 (127.70 to 128.70): BN004817.D (-835) (-)

Ion 129.00 (128.70 to 129.70): BN004817.D (-835) (-)

Ion 127.00 (126.70 to 127.70): BN004817.D (-835) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.07 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

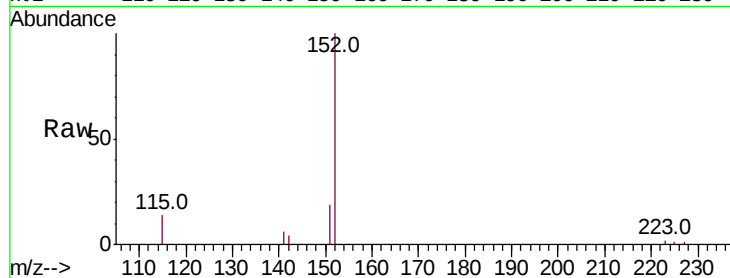
PR-MW-02_030819

Tot Ion:152 Resp: 5158

Ion Ratio Lower Upper

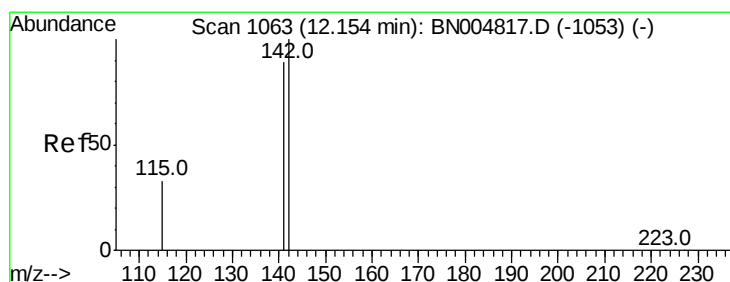
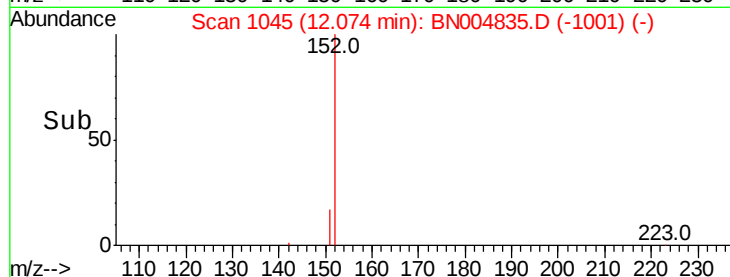
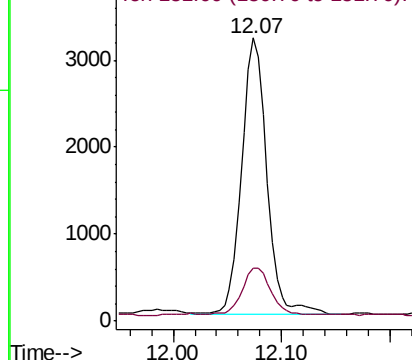
152 100

151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 10.333 ng

RT: 12.15 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

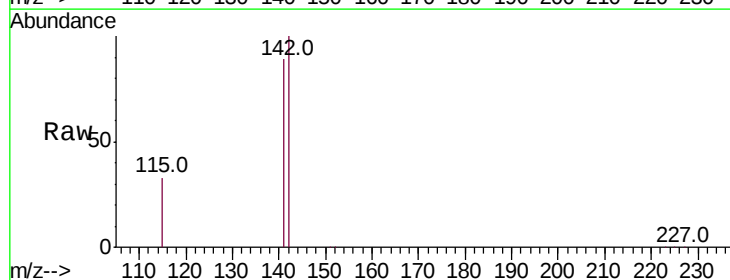
Tgt Ion:142 Resp: 156647

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

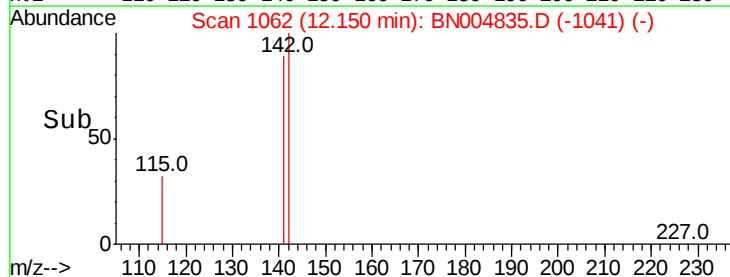
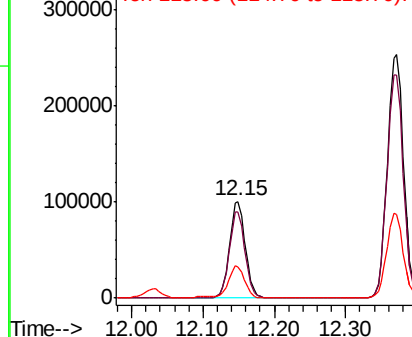
115 32.8 27.5 41.3

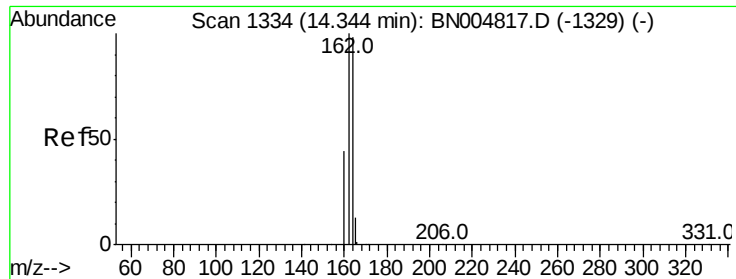


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

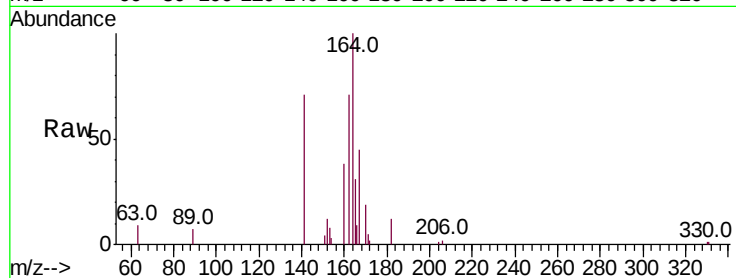
Tot Ion:164 Resp: 9302

Ion Ratio Lower Upper

164 100

162 71.1 81.9 122.9#

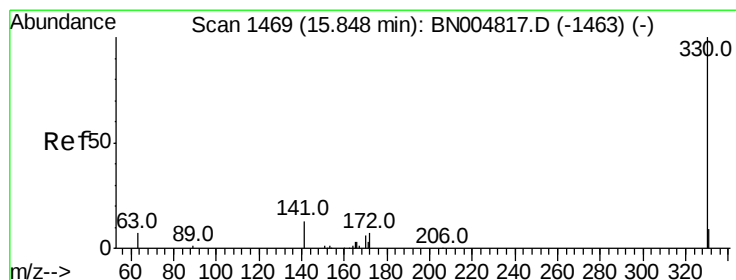
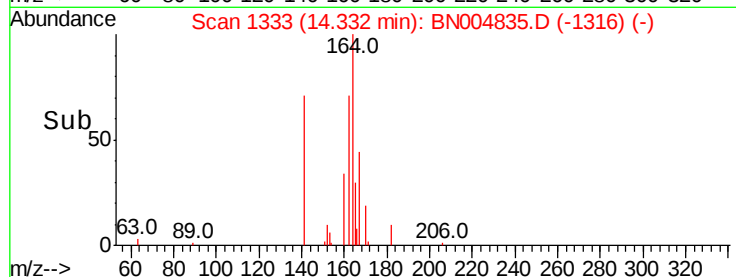
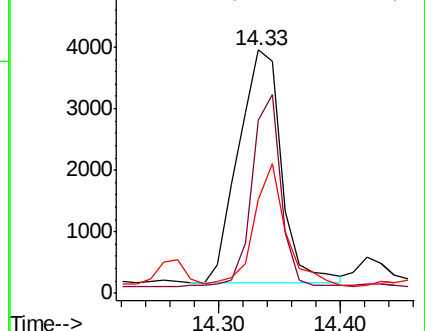
160 38.5 36.6 54.8



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: 0.269 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

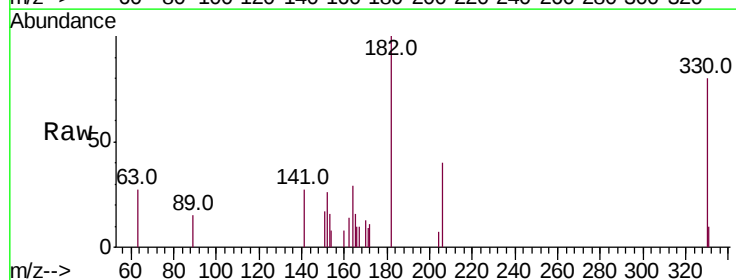
Tgt Ion:330 Resp: 1725

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

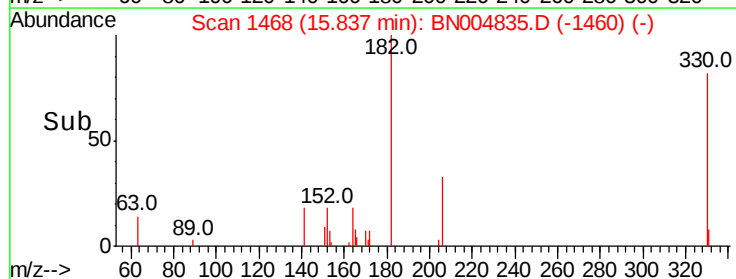
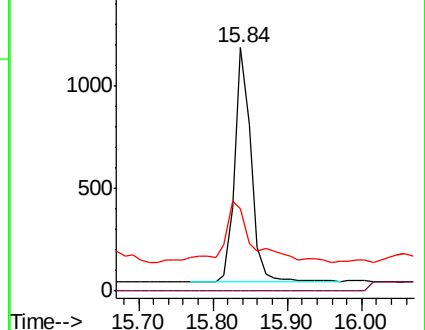
141 45.4 20.9 31.3#

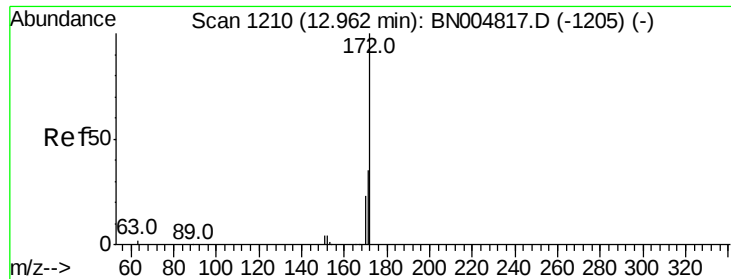


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

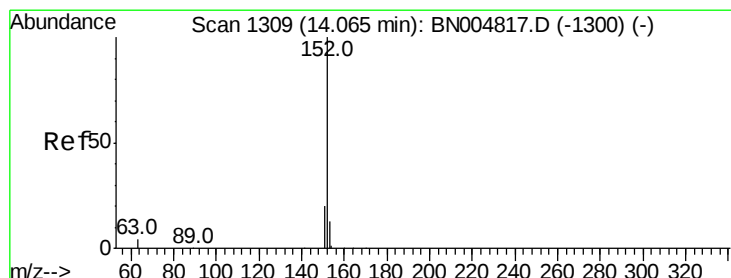
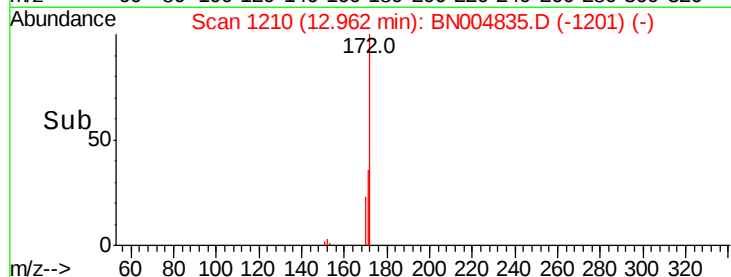
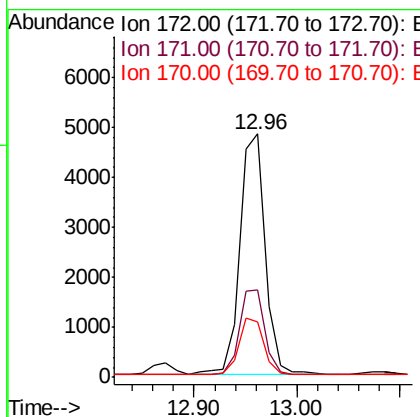
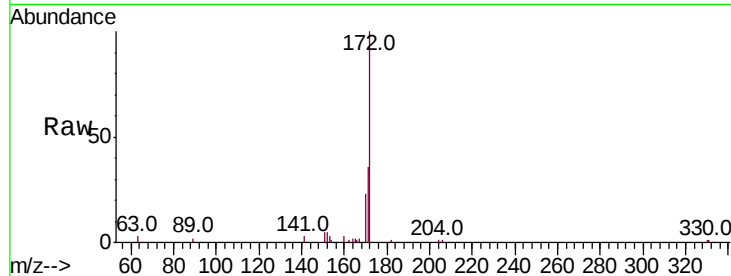




#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

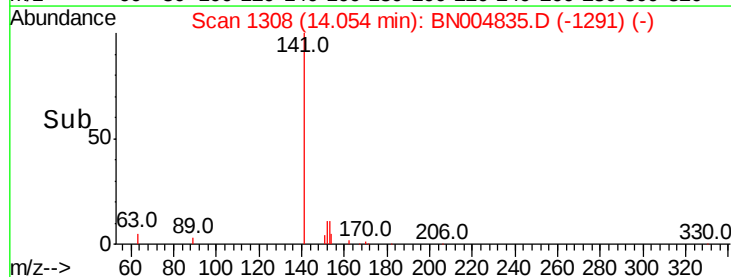
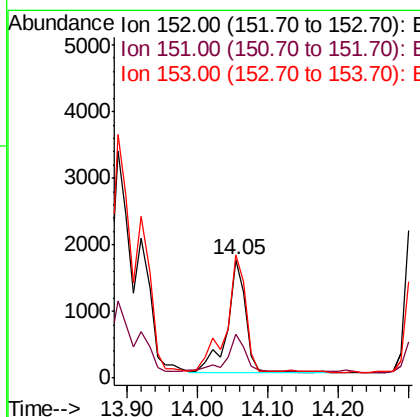
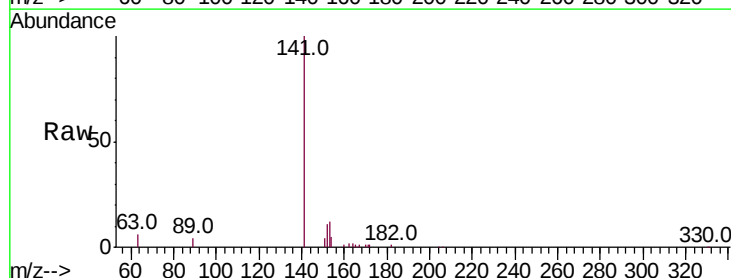
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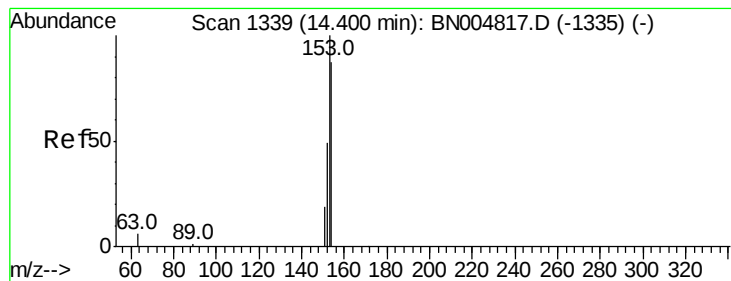
Tot Ion:172 Resp: 8132
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 22.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.065 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:152 Resp: 3119
Ion Ratio Lower Upper
152 100
151 33.5 16.1 24.1#
153 108.7 10.5 15.7#





#17

Acenaphthene

Concen: 0.124 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

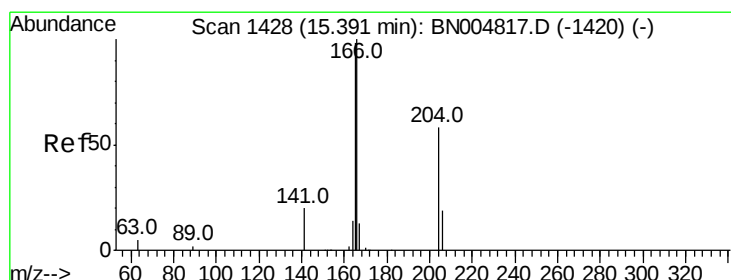
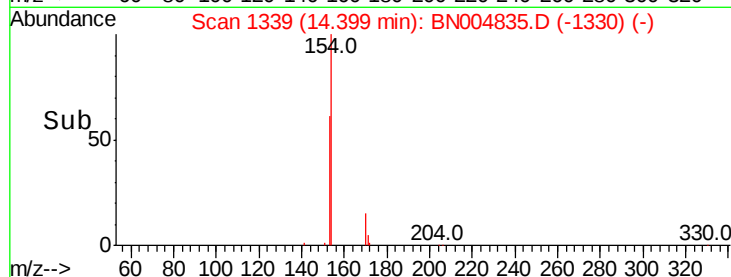
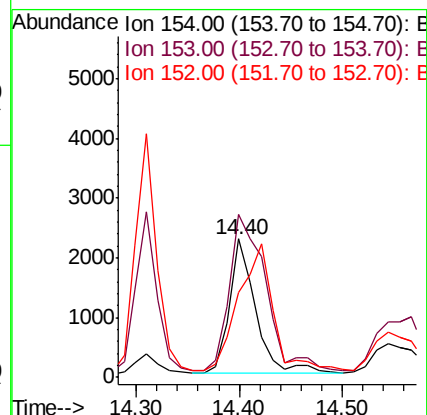
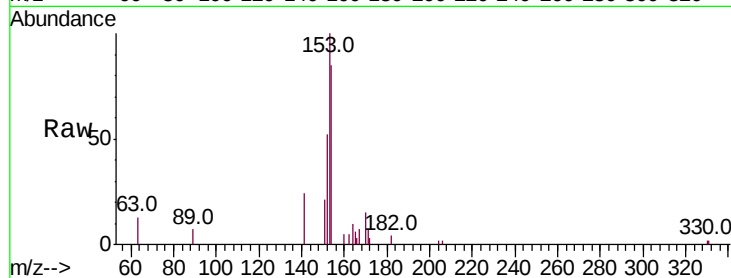
Tot Ion:154 Resp: 3906

Ion Ratio Lower Upper

154 100

153 161.8 91.4 137.2#

152 0.0 44.2 66.2#



#18

Fluorene

Concen: 0.312 ng

RT: 15.39 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

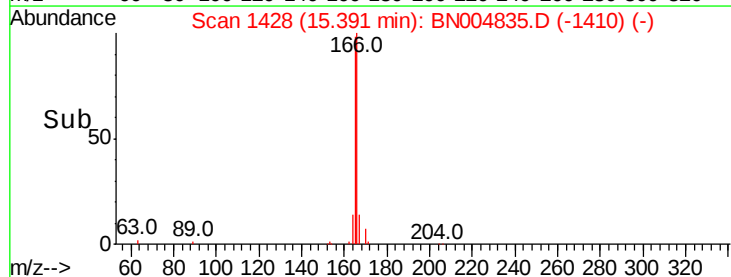
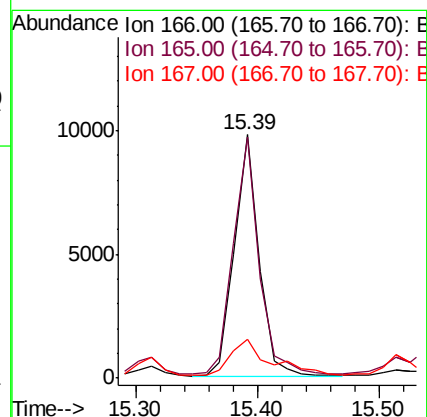
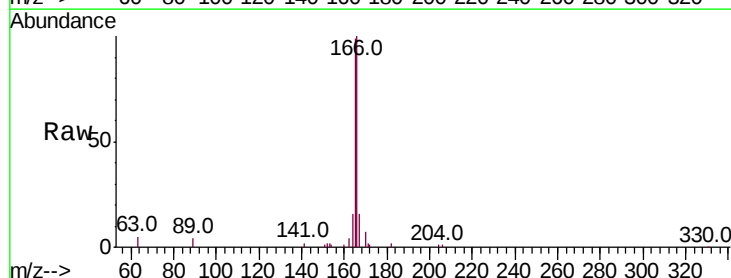
Tgt Ion:166 Resp: 13655

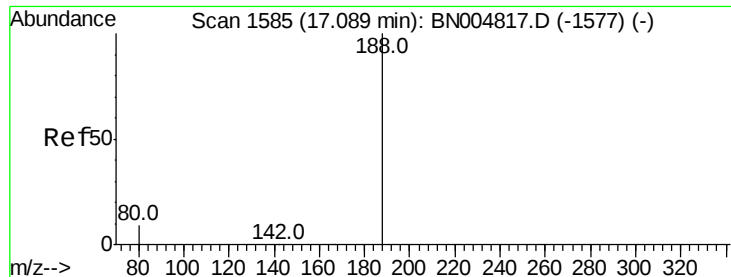
Ion Ratio Lower Upper

166 100

165 102.3 78.2 117.4

167 23.9 11.0 16.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

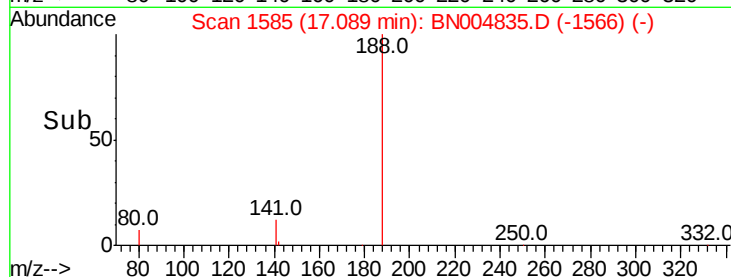
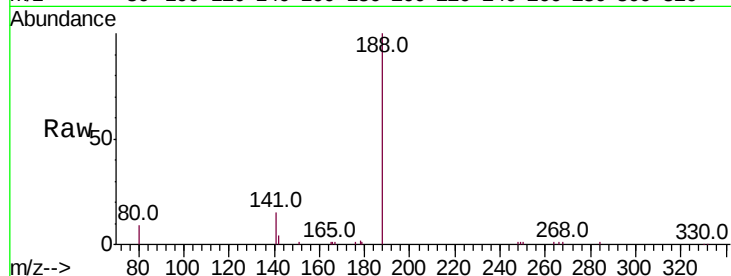
Tot Ion:188 Resp: 12746

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

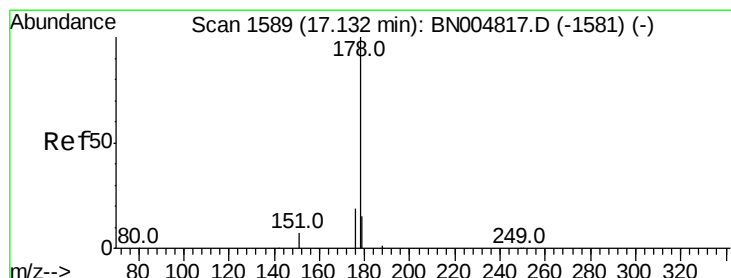
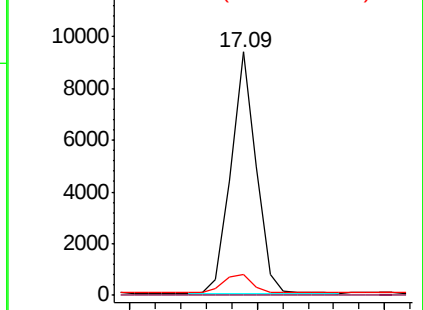
80 8.5 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#23

Phenanthrene

Concen: 0.103 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

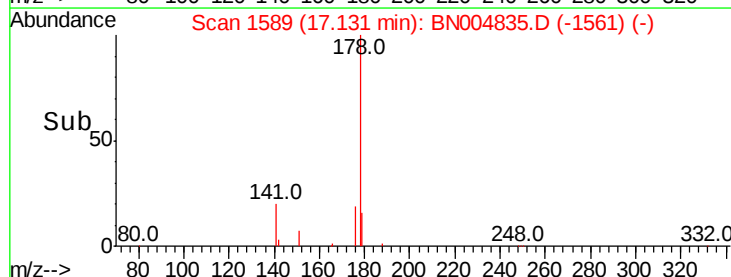
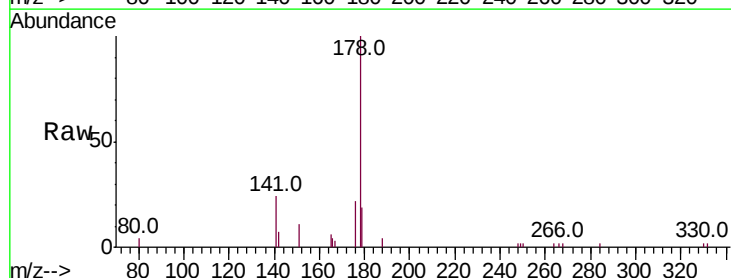
Tgt Ion:178 Resp: 4229

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

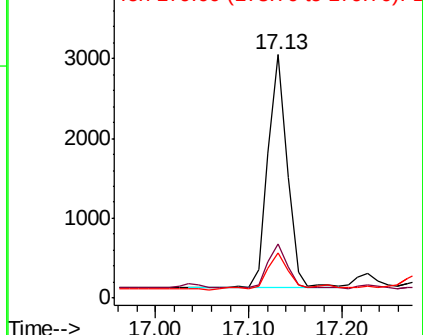
179 17.6 12.1 18.1

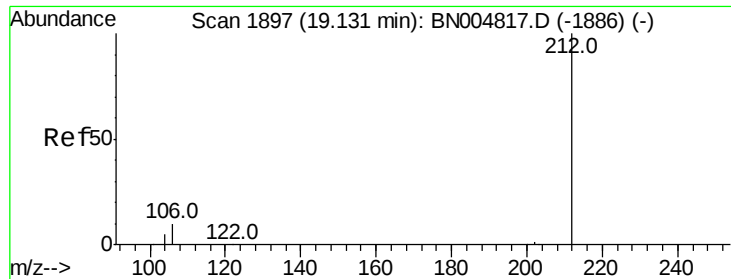


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

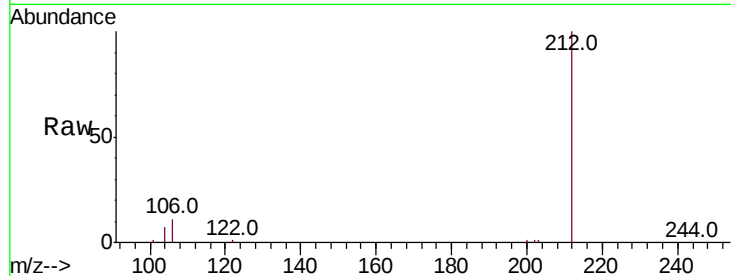
Tot Ion:212 Resp: 17623

Ion Ratio Lower Upper

212 100

106 10.6 8.6 13.0

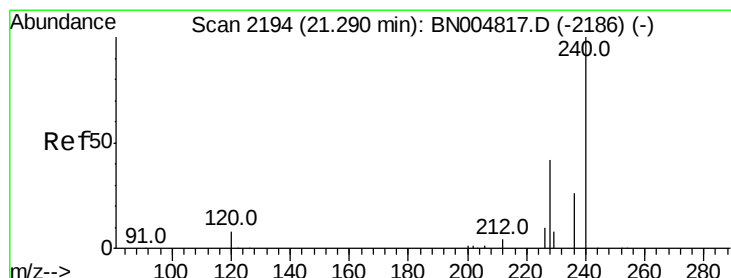
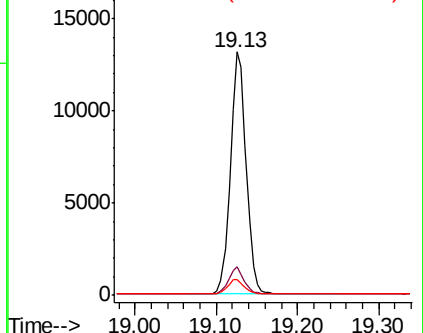
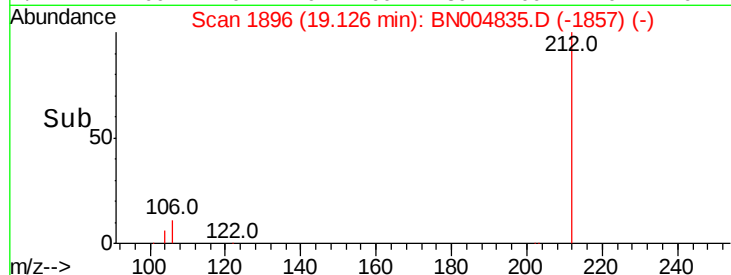
104 5.8 4.7 7.1



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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

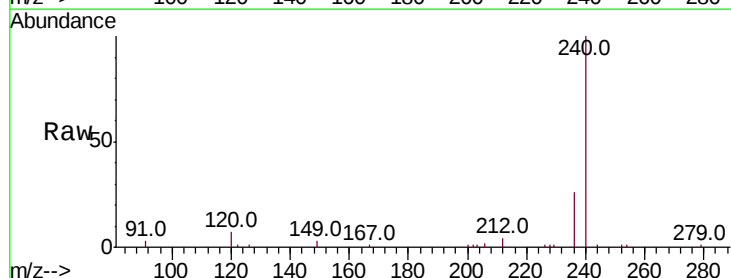
Tgt Ion:240 Resp: 16730

Ion Ratio Lower Upper

240 100

120 7.4 7.2 10.8

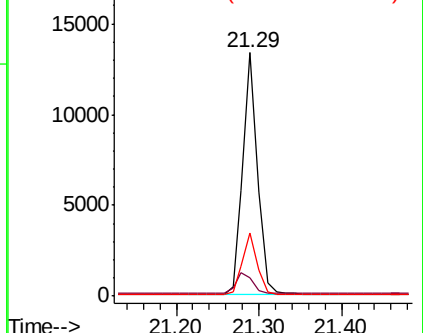
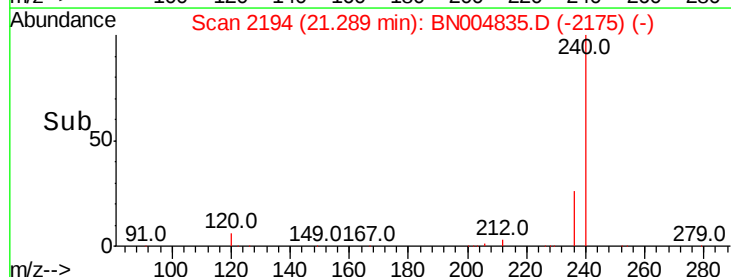
236 25.9 20.9 31.3

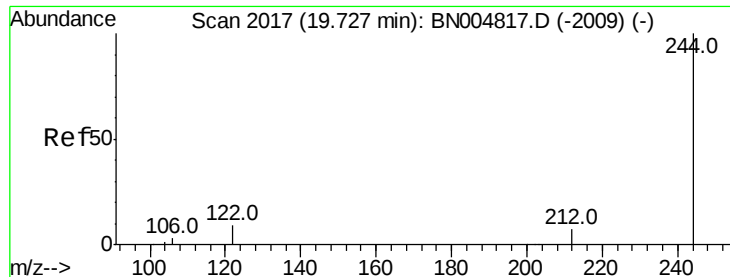


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

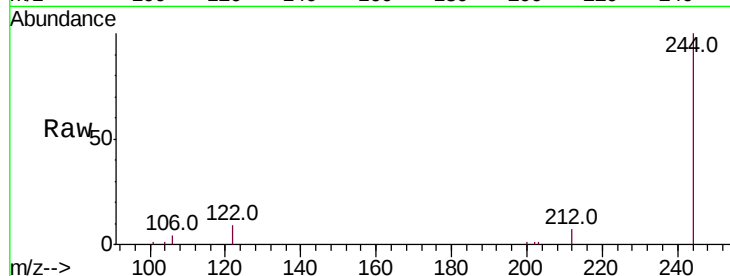
Tot Ion:244 Resp: 16568

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

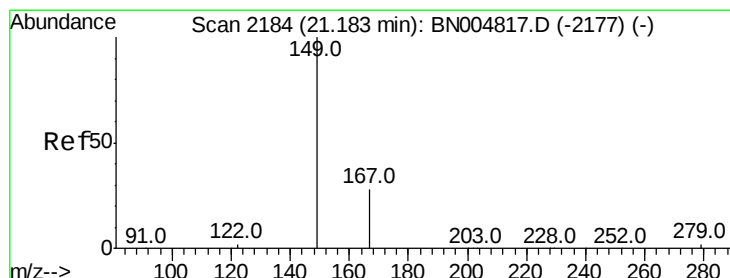
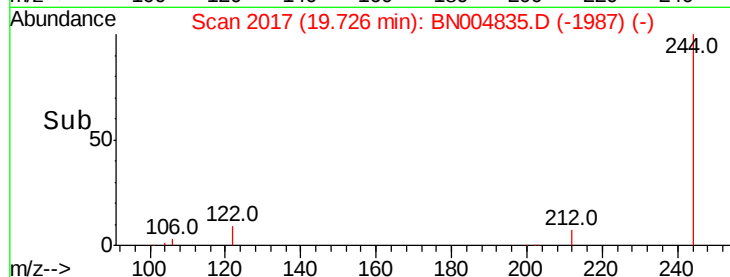
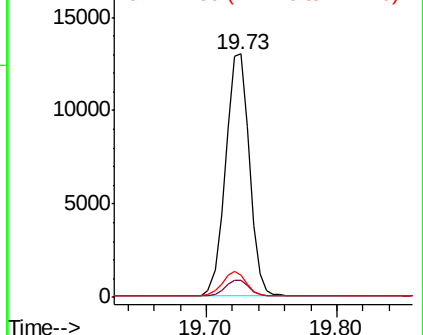
122 9.2 7.9 11.9



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: 0.113 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

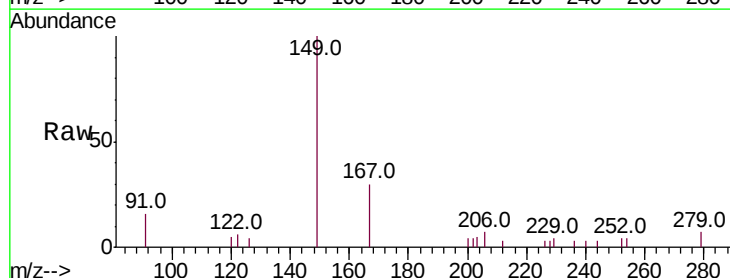
Tgt Ion:149 Resp: 2478

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

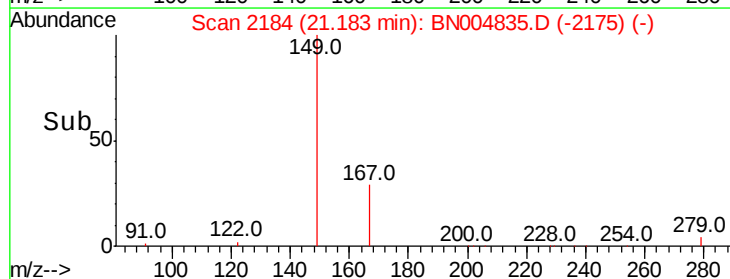
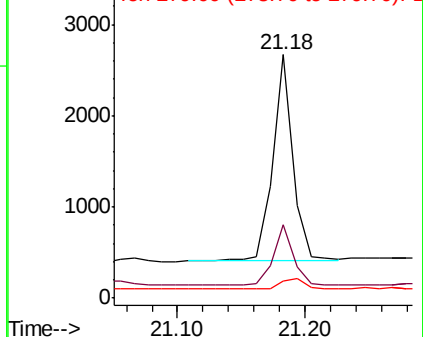
279 7.0 4.6 6.8#

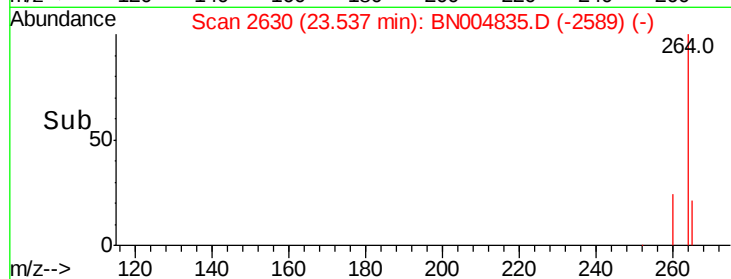
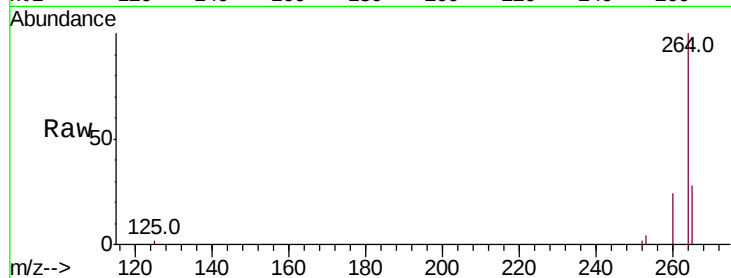
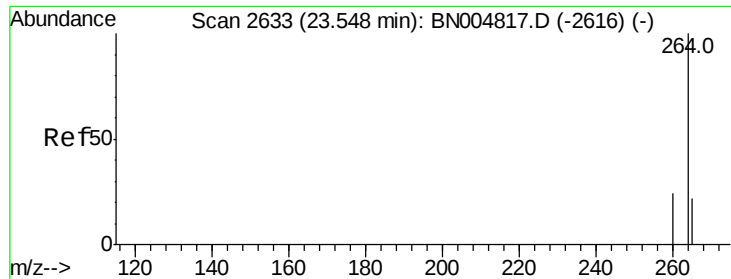


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.54 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

Tot Ion: 264 Resp: 18501

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 27.6 23.1 34.7

