

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004840.D
 Acq On : 21 Mar 2019 03:38
 Operator : JU/SJ
 Sample : K1842-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-05_030819

Quant Time: Mar 21 09:21:39 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

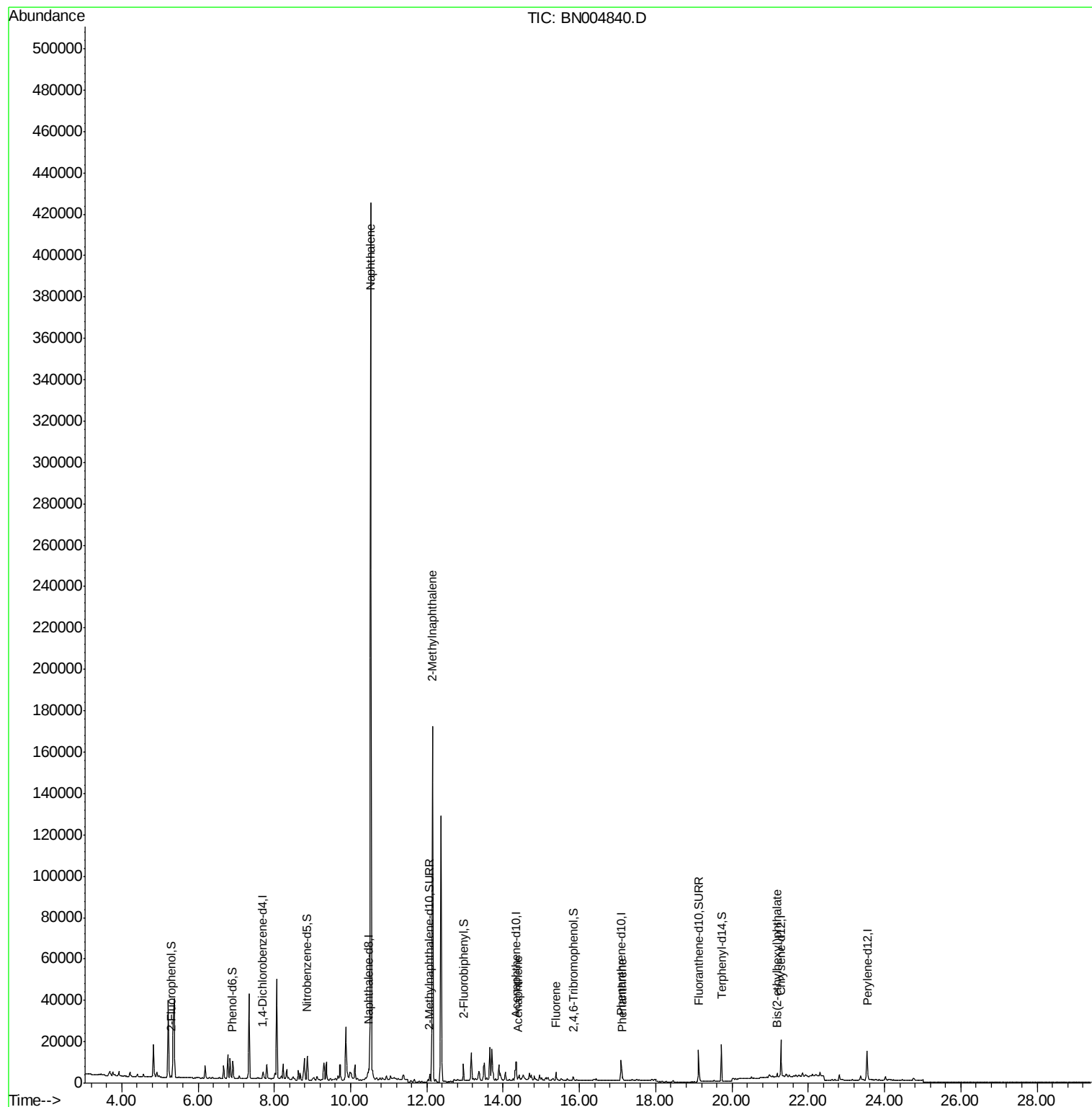
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1613	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7262	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	5177	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12703	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17152	0.40	ng	0.00
34) Perylene-d12	23.54	264	19080	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	771	0.18	ng	0.00
5) Phenol-d6	6.88	99	661	0.12	ng	0.00
8) Nitrobenzene-d5	8.86	82	1864	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5141	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1374	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	8411	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	18595	0.44	ng	0.00
29) Terphenyl-d14	19.72	244	18412	0.52	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.53	128	542769	26.650	ng	98
12) 2-Methylnaphthalene	12.15	142	123141	8.140	ng	98
17) Acenaphthene	14.40	154	761	0.044	ng	# 49
18) Fluorene	15.39	166	2259	0.093	ng	# 93
23) Phenanthrene	17.13	178	1538	0.037	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.18	149	1822	0.081	ng	# 95

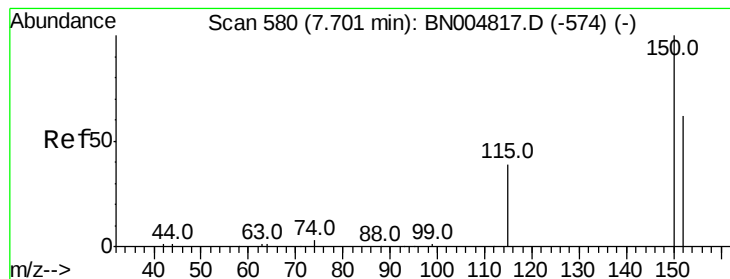
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

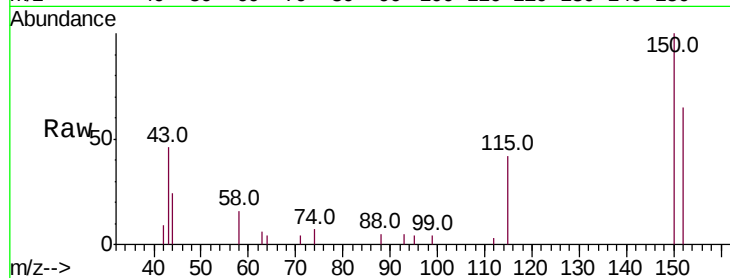
Tot Ion:152 Resp: 1613

Ion Ratio Lower Upper

152 100

150 154.5 126.2 189.4

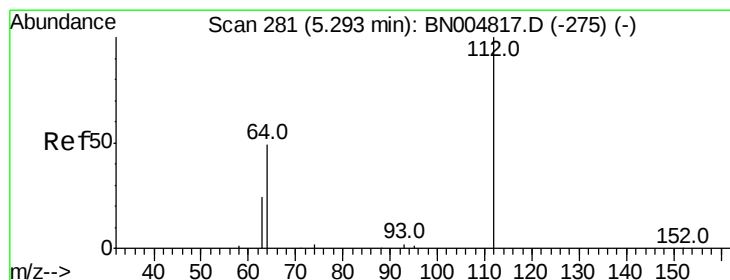
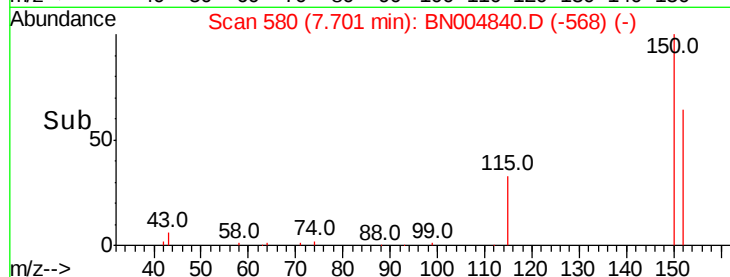
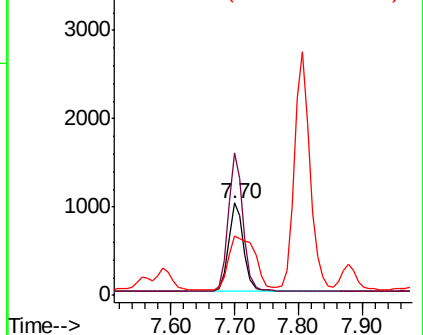
115 64.9 52.6 79.0



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: 0.176 ng

RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

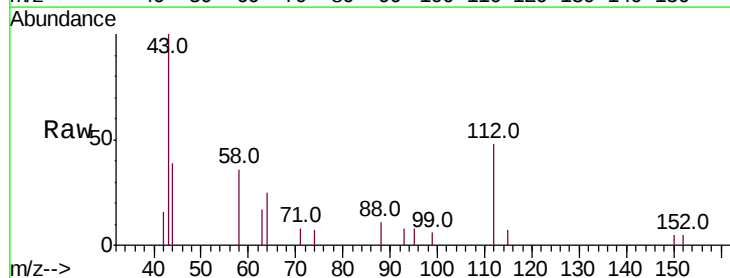
Tgt Ion:112 Resp: 771

Ion Ratio Lower Upper

112 100

64 0.0 40.0 60.0#

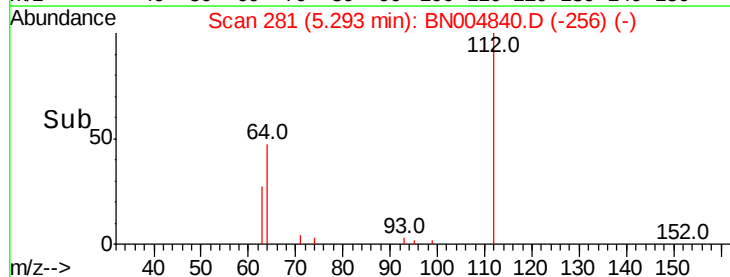
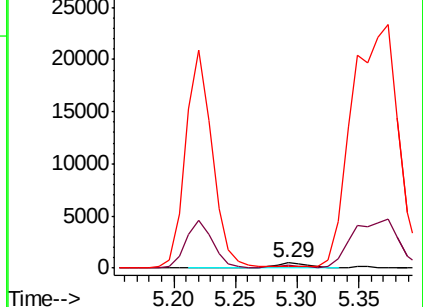
63 0.0 20.2 30.2#



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: 0.121 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

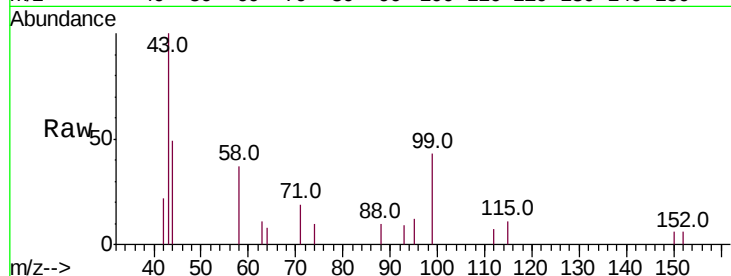
Tot Ion: 99 Resp: 661

Ion Ratio Lower Upper

99 100

42 9.1 12.7 19.1#

71 34.0 26.6 40.0



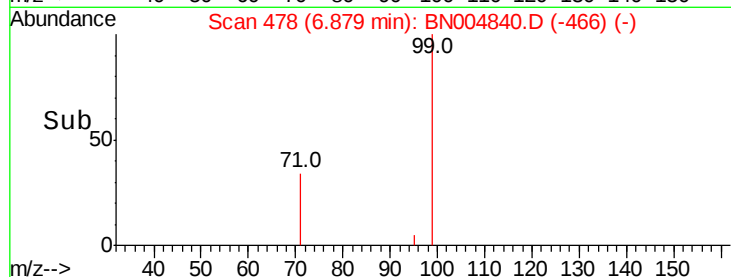
Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

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

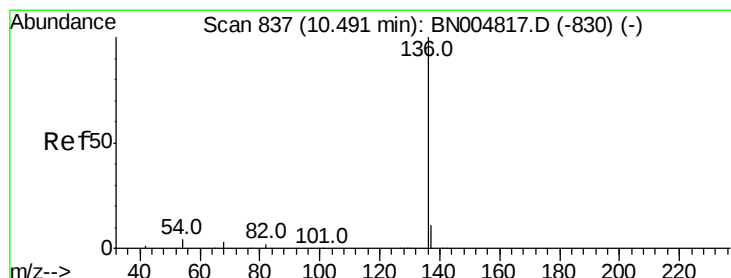
Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

6.88

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Tgt Ion: 136 Resp: 7262

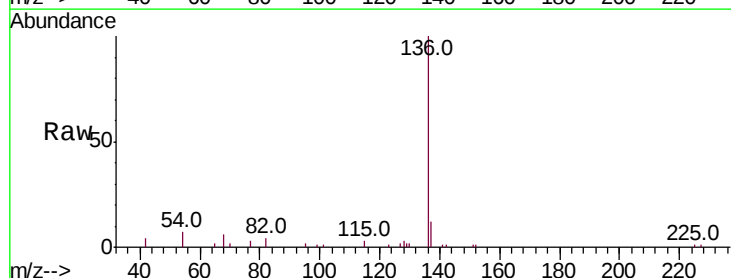
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 7.2 4.2 6.2#

68 6.4 3.9 5.9#



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

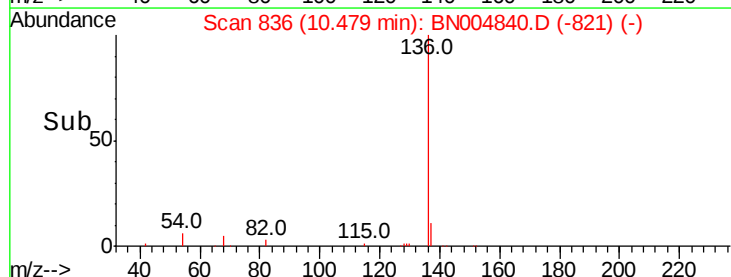
Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

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

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

10.48

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

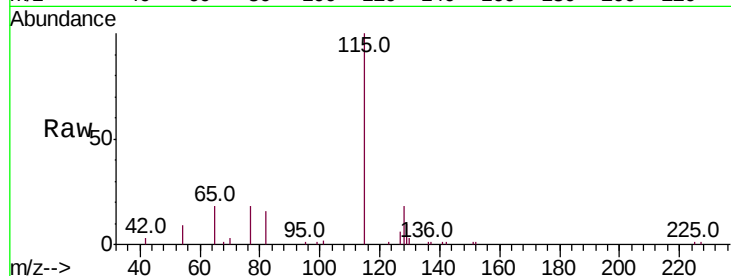
Tot Ion: 82 Resp: 1864

Ion Ratio Lower Upper

82 100

128 110.2 43.0 64.6#

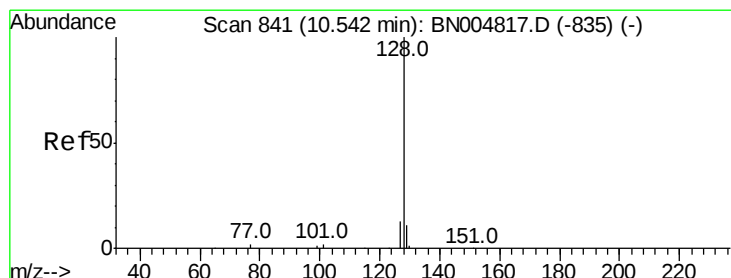
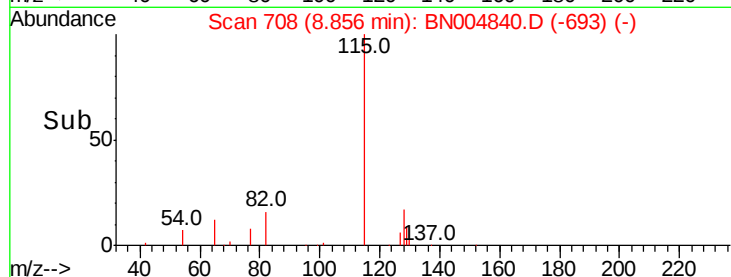
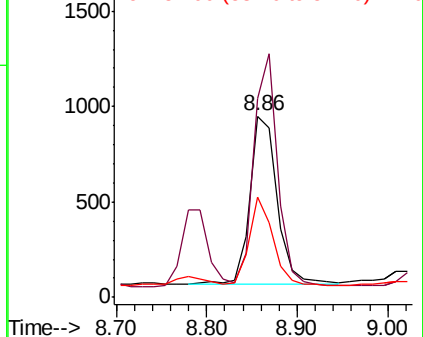
54 55.2 35.3 52.9#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 26.650 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

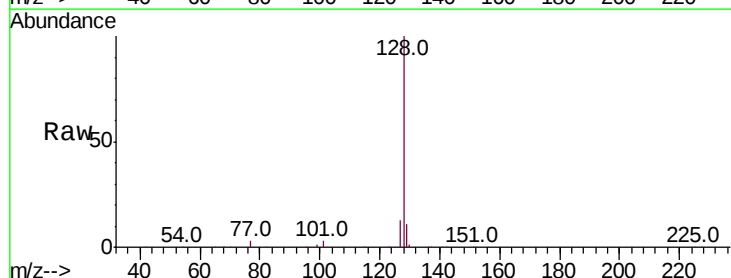
Tgt Ion: 128 Resp: 542769

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

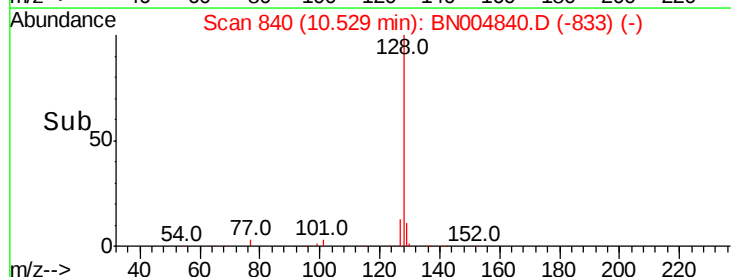
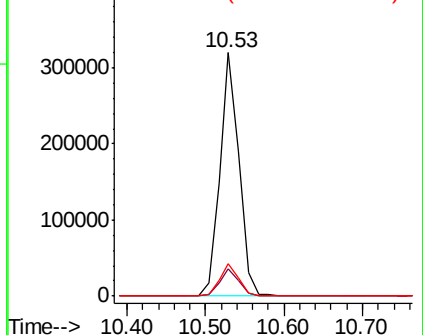
127 13.4 11.3 16.9

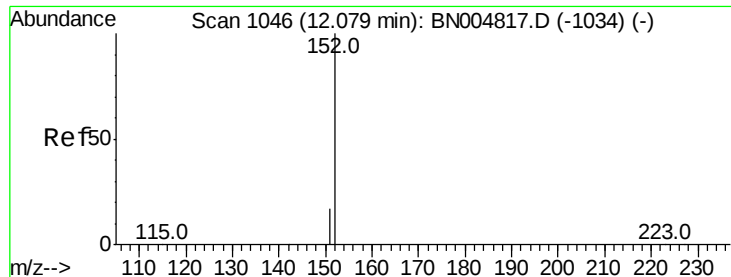


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

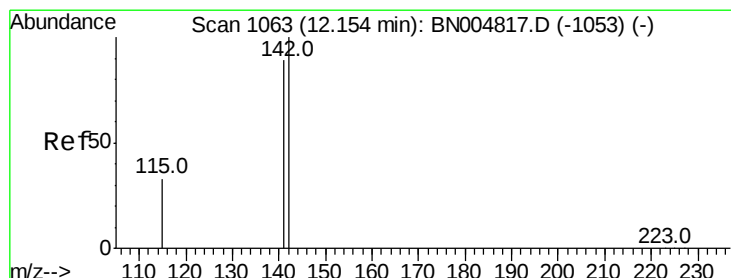
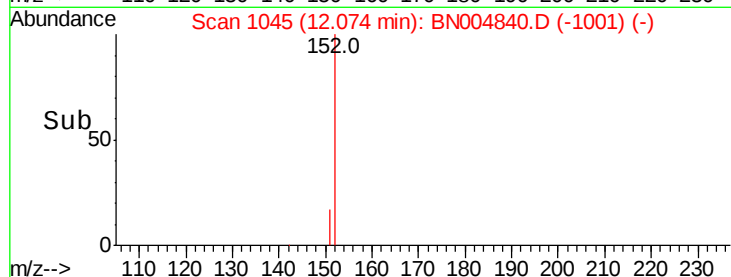
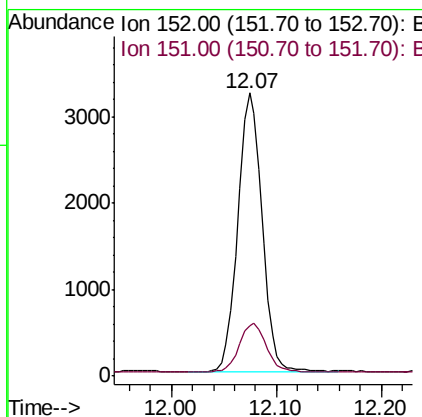
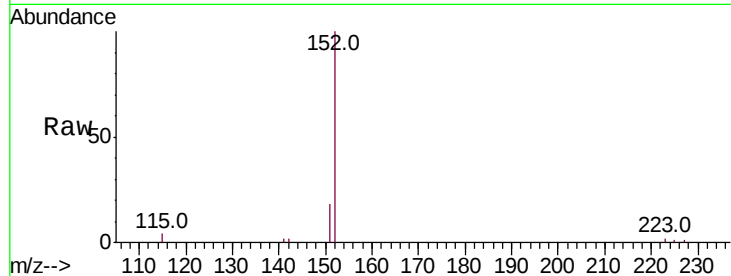




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BN004840.D
 Acq: 21 Mar 2019 03:38

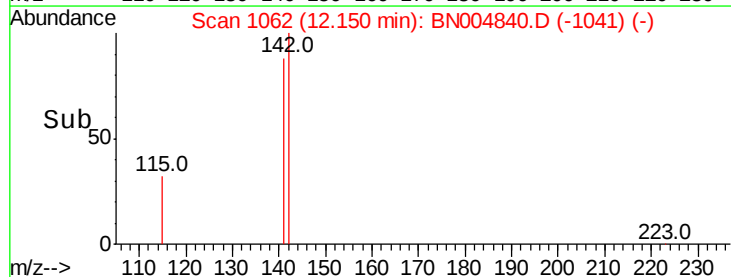
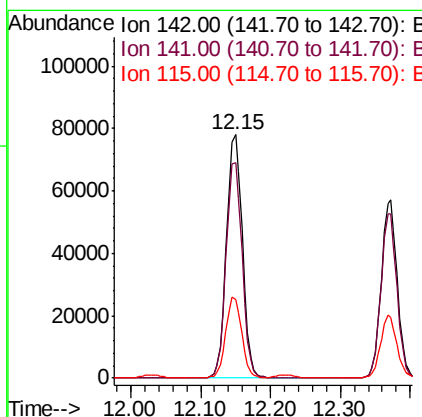
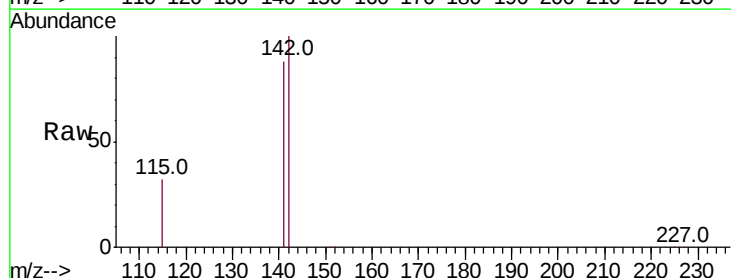
Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-05_030819

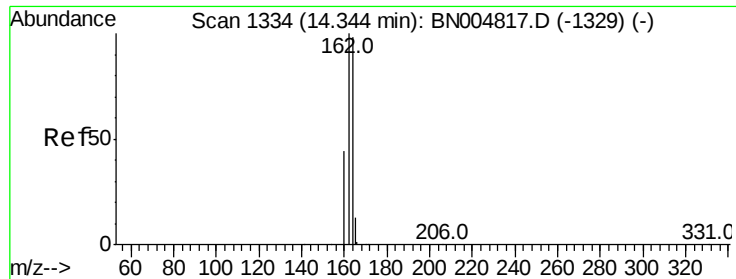
Tot Ion:152 Resp: 5141
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 8.140 ng
 RT: 12.15 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN004840.D
 Acq: 21 Mar 2019 03:38

Tgt Ion:142 Resp: 123141
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2
 115 32.5 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

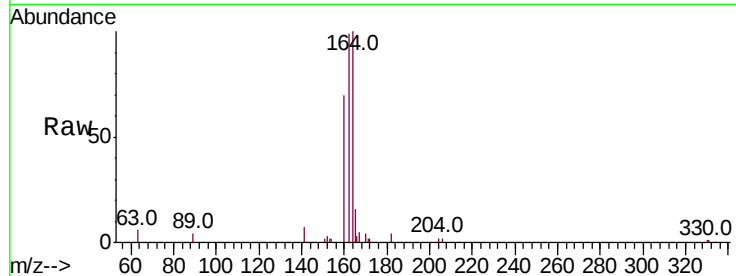
Tot Ion:164 Resp: 5177

Ion Ratio Lower Upper

164 100

162 99.1 81.9 122.9

160 69.8 36.6 54.8#

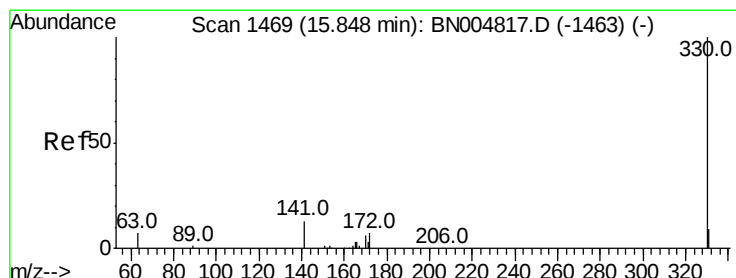
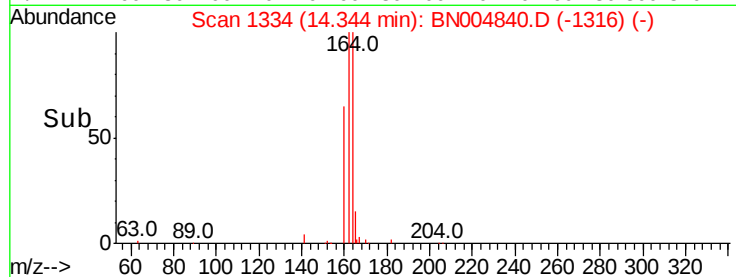
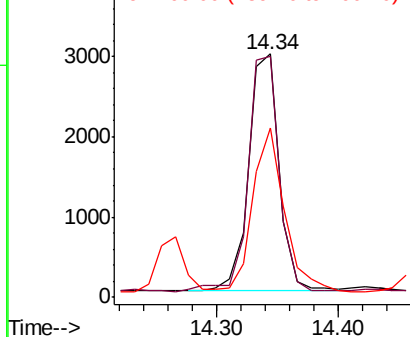


Abundance

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: 0.384 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

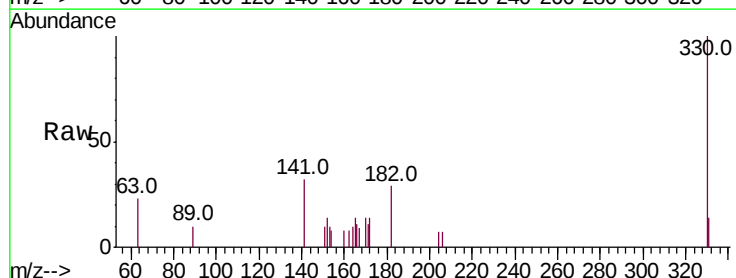
Tgt Ion:330 Resp: 1374

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 25.9 20.9 31.3

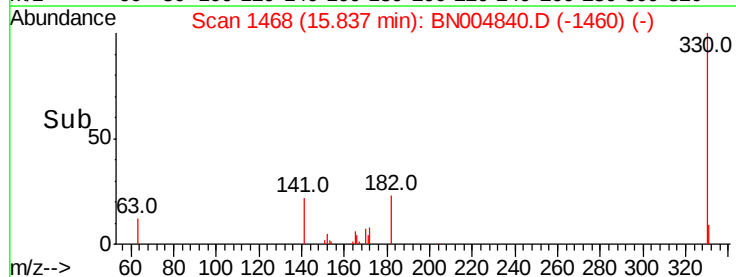
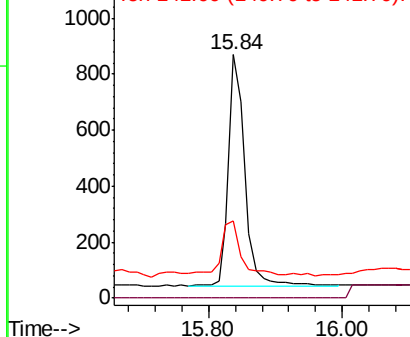


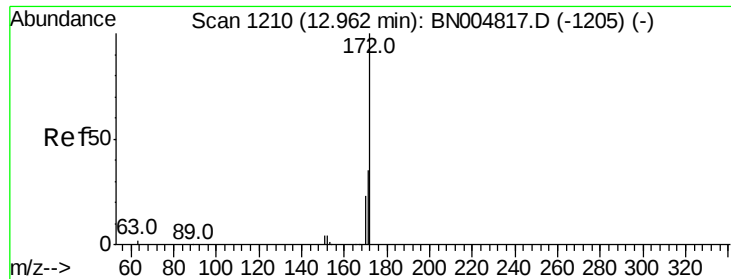
Abundance

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

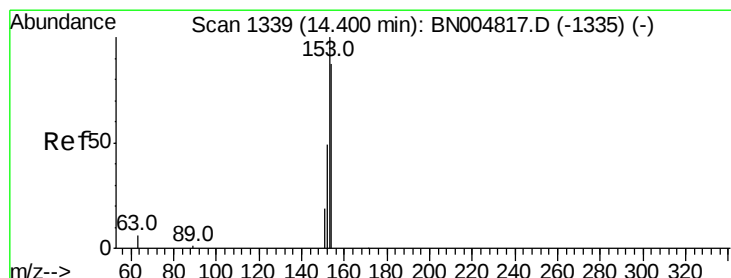
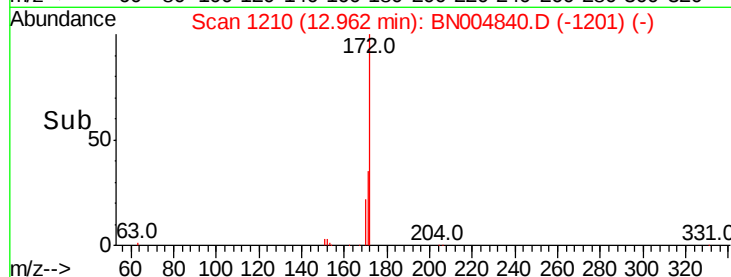
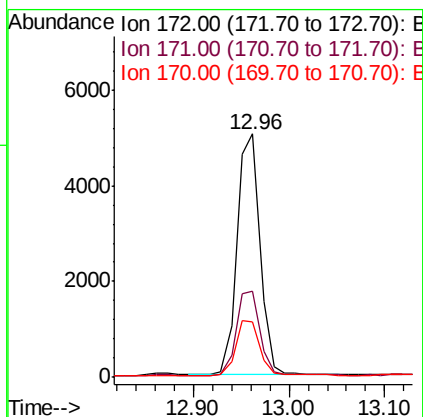
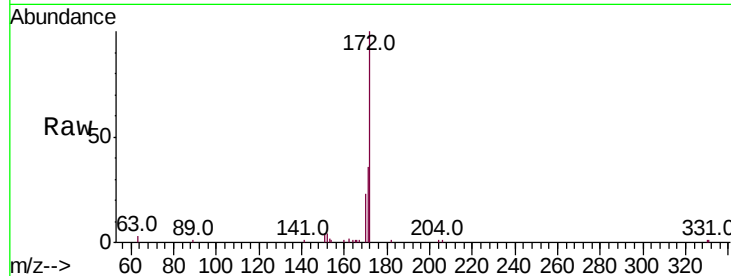




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

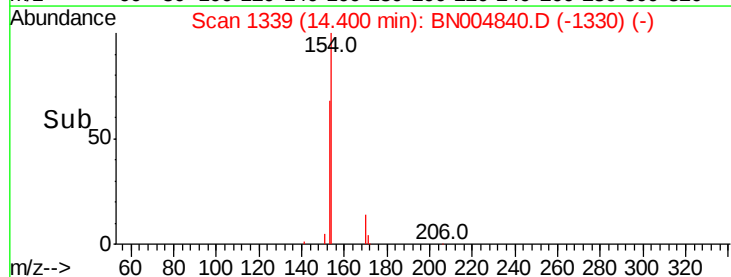
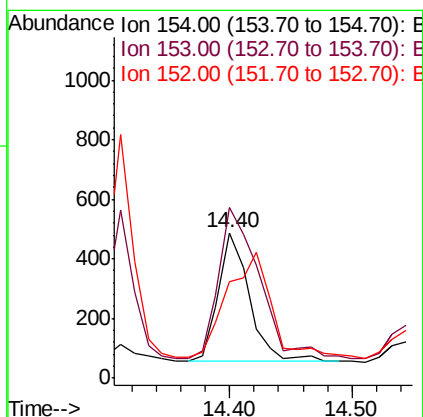
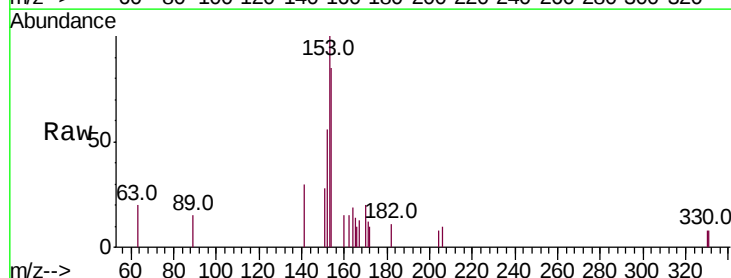
Instrument :
BNA_N
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PR-MW-05_030819

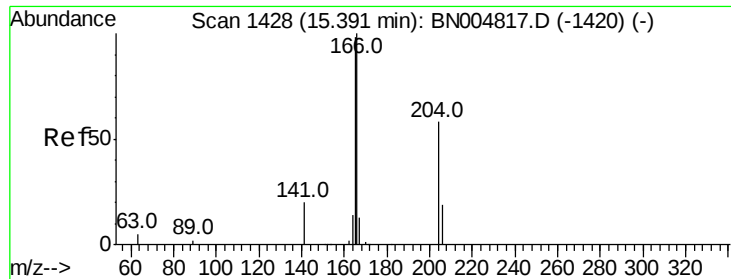
Tot Ion:172 Resp: 8411
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 22.5 18.7 28.1



#17
Acenaphthene
Concen: 0.044 ng
RT: 14.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Tgt Ion:154 Resp: 761
Ion Ratio Lower Upper
154 100
153 155.7 91.4 137.2#
152 0.0 44.2 66.2#





#18

Fluorene

Concen: 0.093 ng

RT: 15.39 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

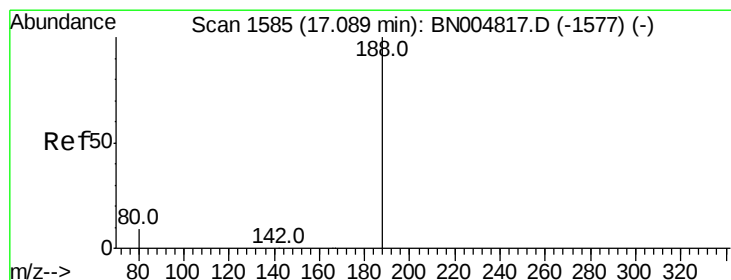
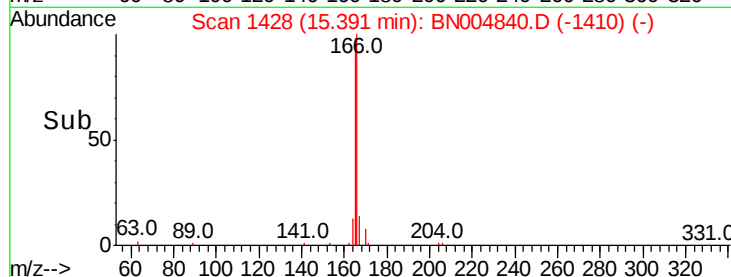
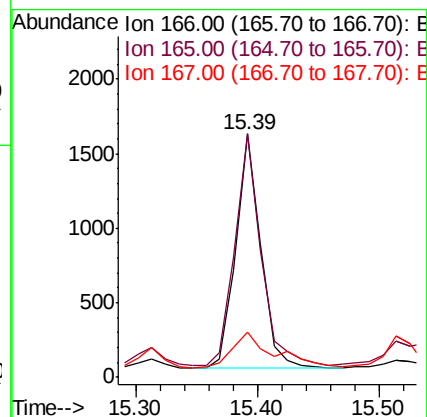
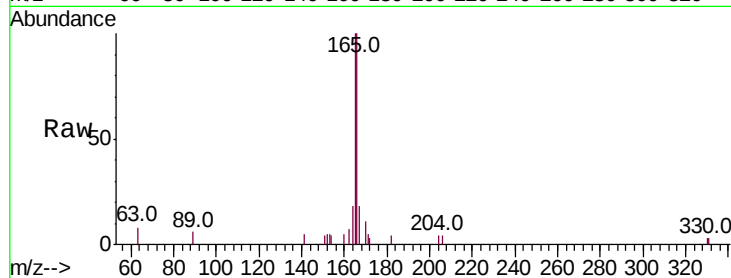
Tot Ion:166 Resp: 2259

Ion Ratio Lower Upper

166 100

165 102.2 78.2 117.4

167 24.0 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: BN004840.D

Acq: 21 Mar 2019 03:38

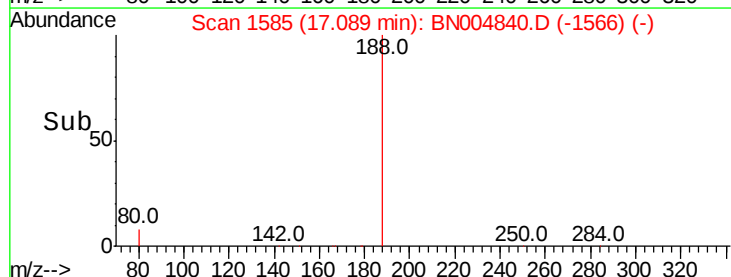
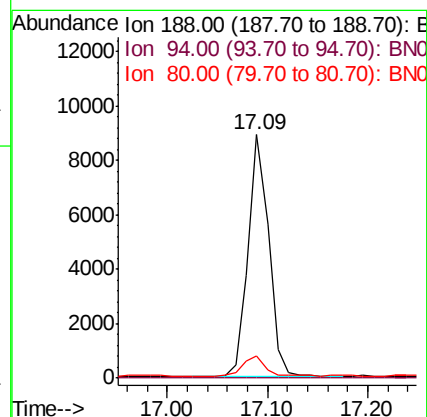
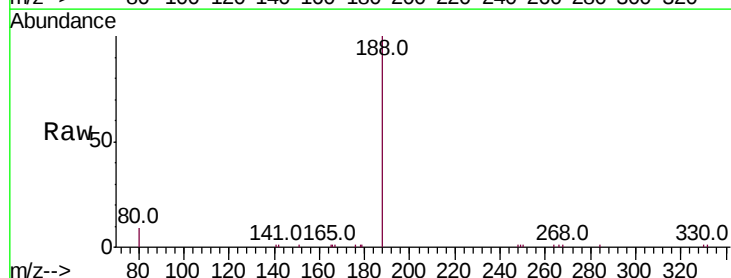
Tgt Ion:188 Resp: 12703

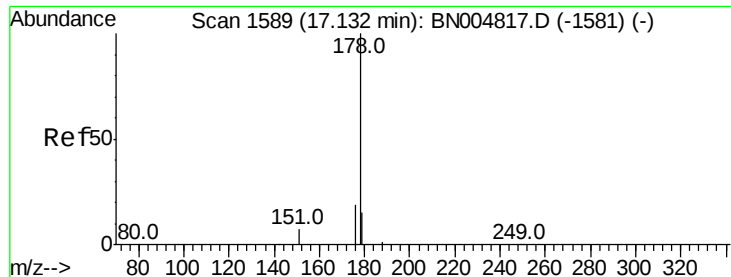
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 7.4 11.2





#23

Phenanthrene

Concen: 0.037 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

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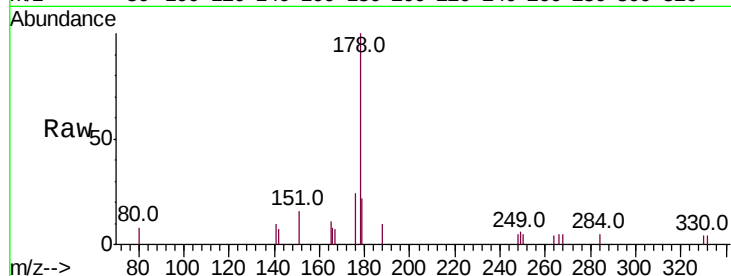
Tot Ion:178 Resp: 1538

Ion Ratio Lower Upper

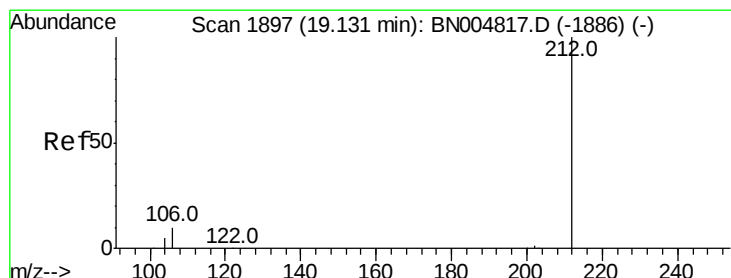
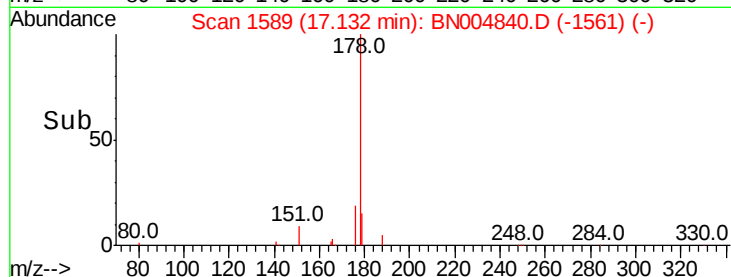
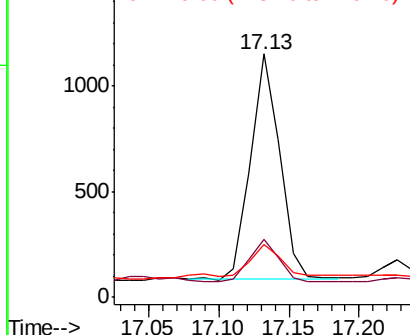
178 100

176 20.0 14.9 22.3

179 21.9 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: 0.437 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

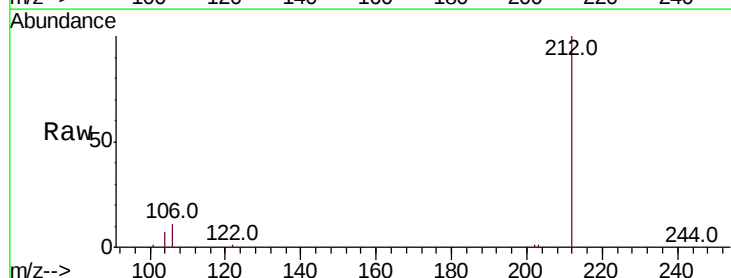
Tgt Ion:212 Resp: 18595

Ion Ratio Lower Upper

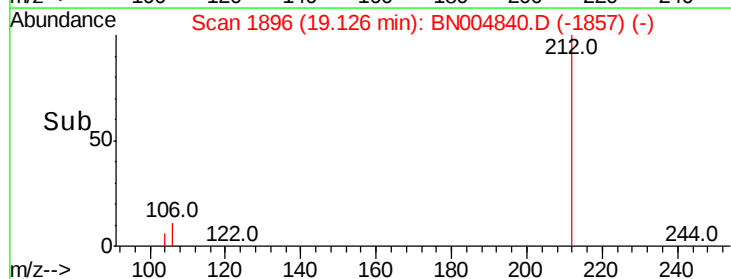
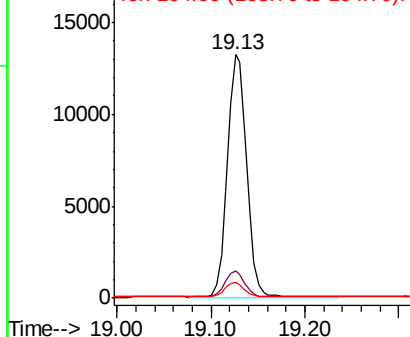
212 100

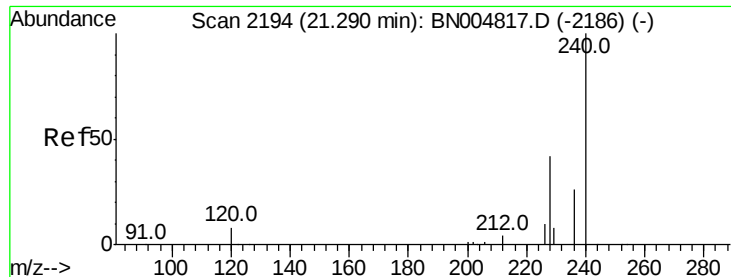
106 10.6 8.6 13.0

104 6.0 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: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

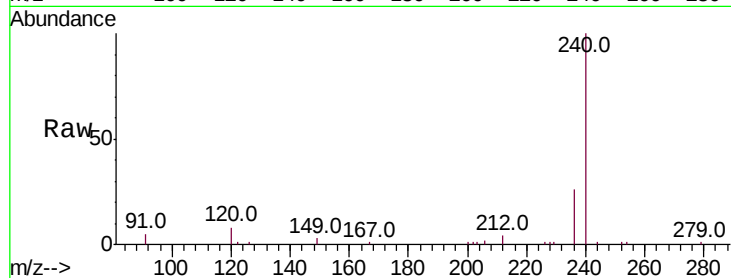
Tot Ion:240 Resp: 17152

Ion Ratio Lower Upper

240 100

120 8.0 7.2 10.8

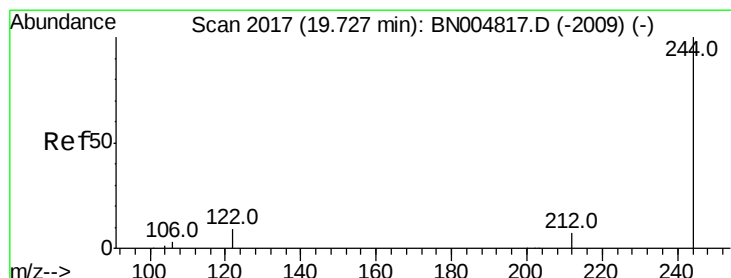
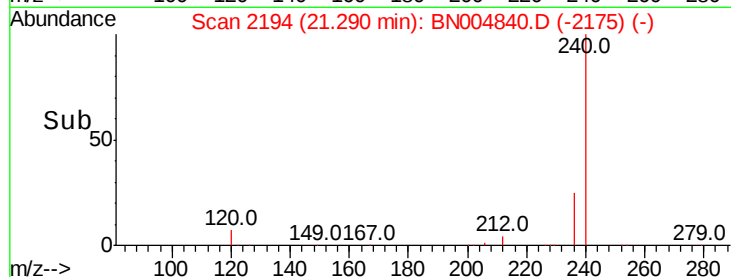
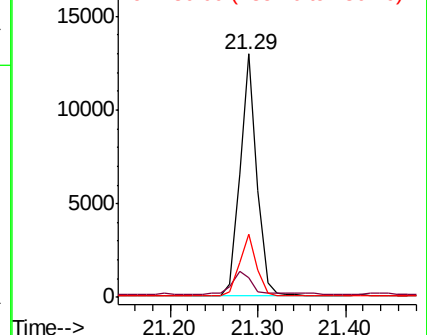
236 25.9 20.9 31.3



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: 0.525 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

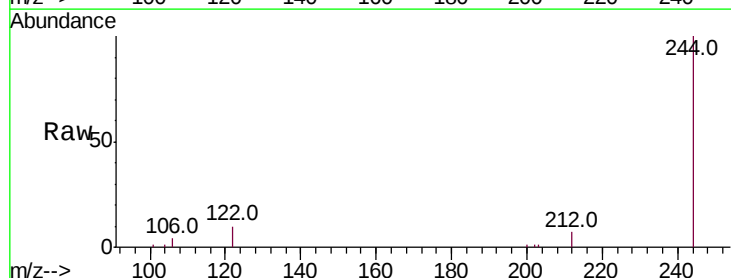
Tgt Ion:244 Resp: 18412

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

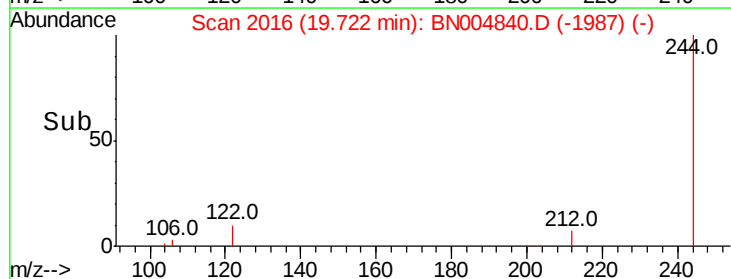
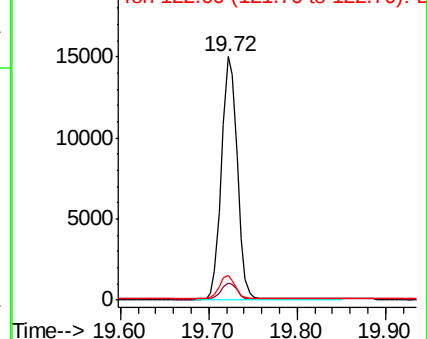
122 10.0 7.9 11.9

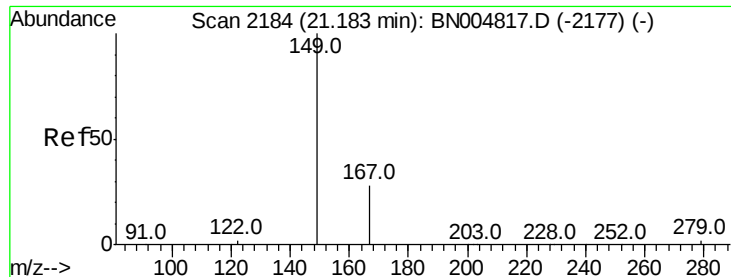


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

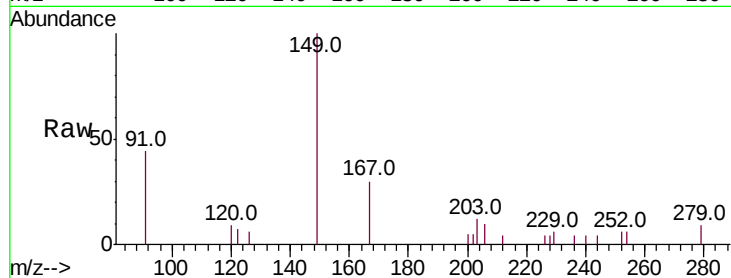
Tot Ion:149 Resp: 1822

Ion Ratio Lower Upper

149 100

167 26.1 23.0 34.4

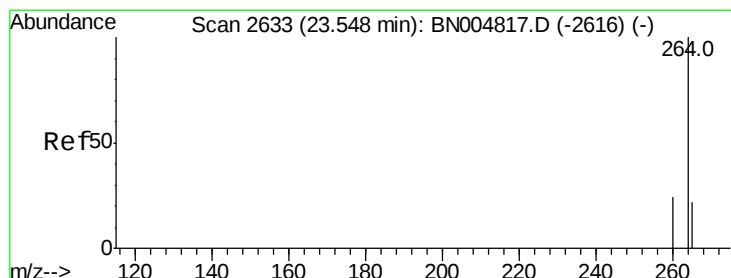
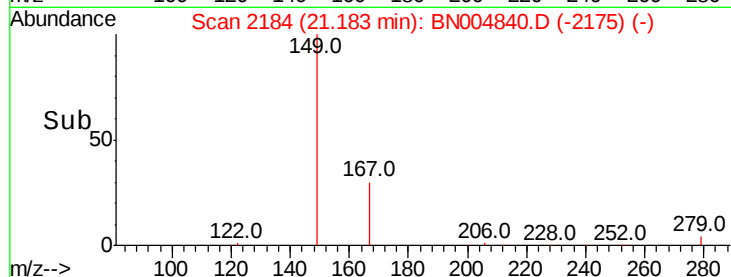
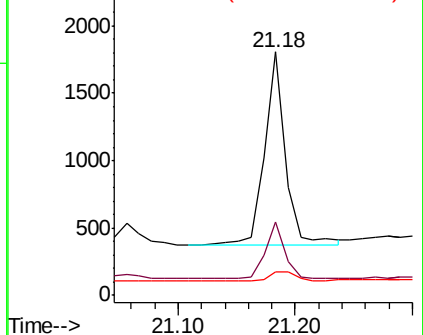
279 7.3 4.6 6.8#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

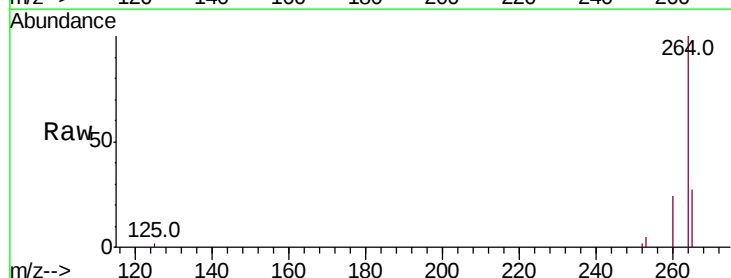
Tgt Ion:264 Resp: 19080

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 27.4 23.1 34.7



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

