

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 08:49:34 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

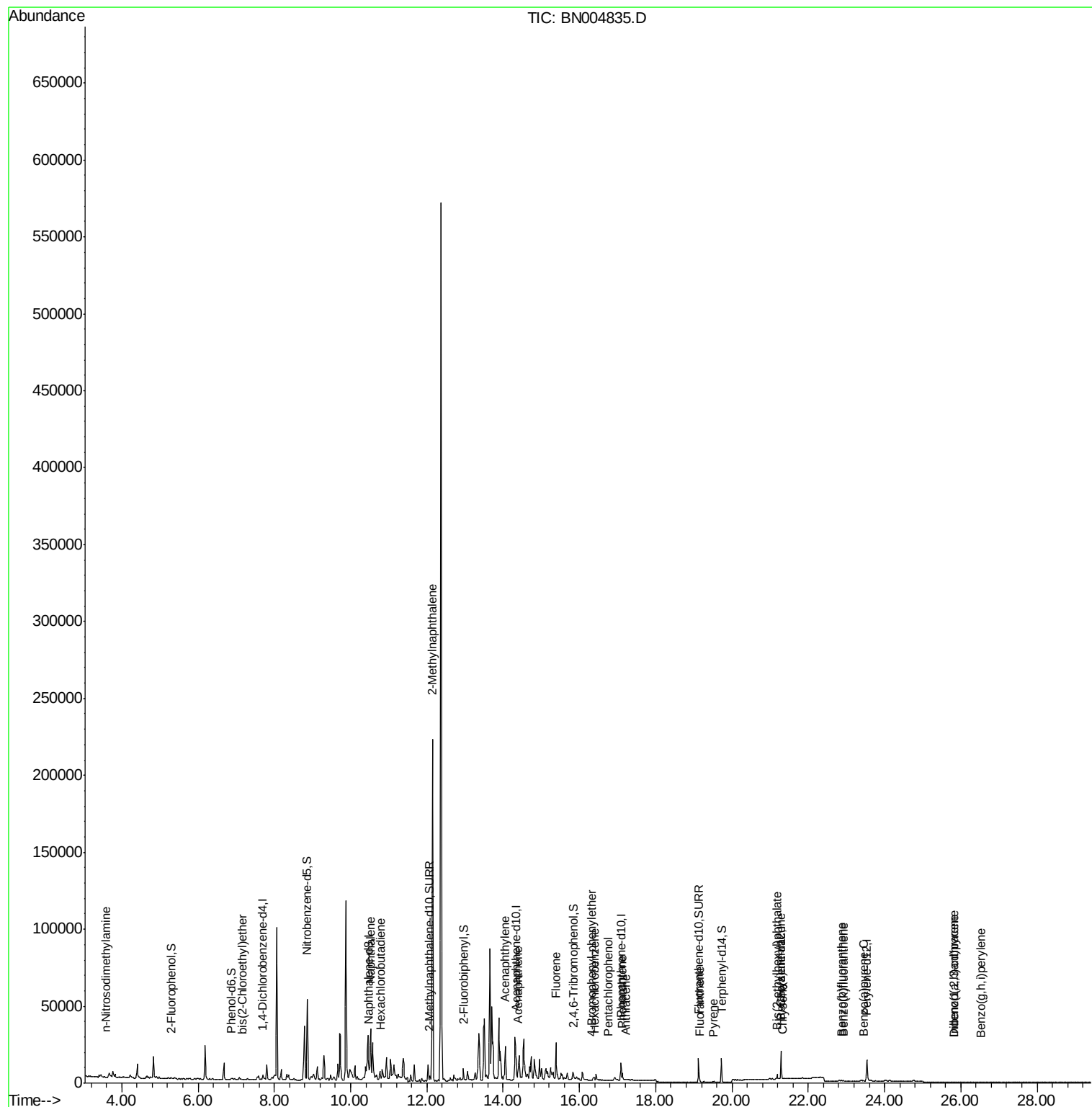
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	172	0.163	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	49	0.010	ng	# 1
9) Naphthalene	10.53	128	28751	1.409	ng	# 80
10) Hexachlorobutadiene	10.78	225	6	0.002	ng	# 60
12) 2-Methylnaphthalene	12.15	142	156647	10.333	ng	# 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
20) 4-Bromophenyl-phenylether	16.31	248	5	0.001	ng	# 1
21) Hexachlorobenzene	16.39	284	8	0.001	ng	# 47
22) Pentachlorophenol	16.75	266	59	0.032	ng	# 78
23) Phenanthrene	17.13	178	4229	0.103	ng	# 97
24) Anthracene	17.23	178	258	0.007	ng	# 79
26) Fluoranthene	19.16	202	311	0.006	ng	# 97
28) Pyrene	19.52	202	252	0.005	ng	# 82
30) Benzo(a)anthracene	21.28	228	134	0.002	ng	# 1
31) Chrysene	21.32	228	69	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.18	149	2478	0.113	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.83	276	100	0.001	ng	# 76
35) Benzo(b)fluoranthene	22.86	252	91	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.91	252	76	0.001	ng	# 1
37) Benzo(a)pyrene	23.44	252	61	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.83	278	43	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.53	276	115	0.002	ng	# 1

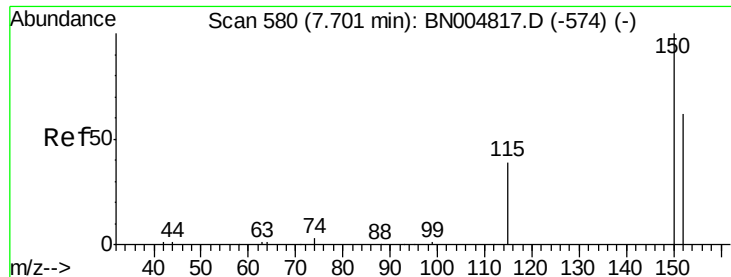
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

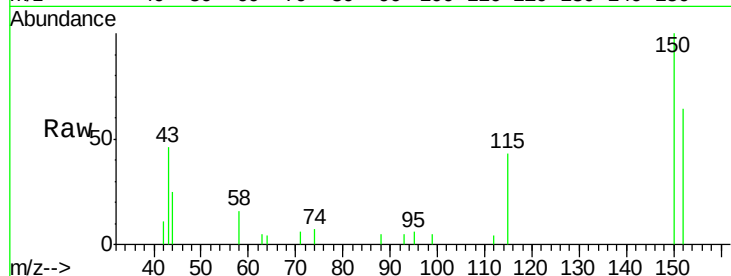
Tot Ion:152 Resp: 1572

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.4

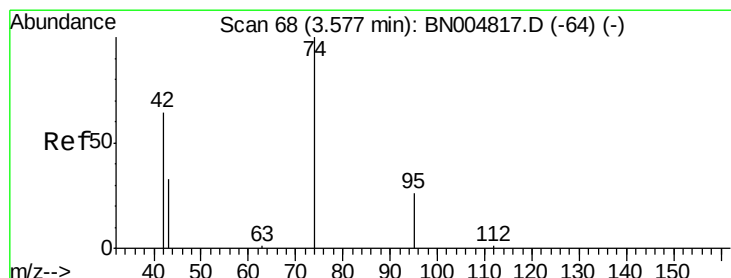
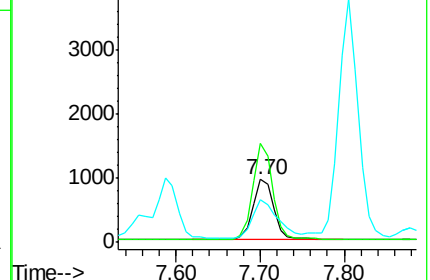
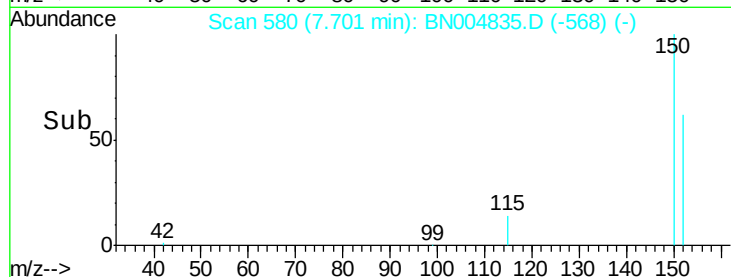
115 67.1 52.6 79.0



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



#3

n-Nitrosodimethylamine

Concen: 0.163 ng

RT: 3.59 min Scan# 70

Delta R.T. 0.02 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

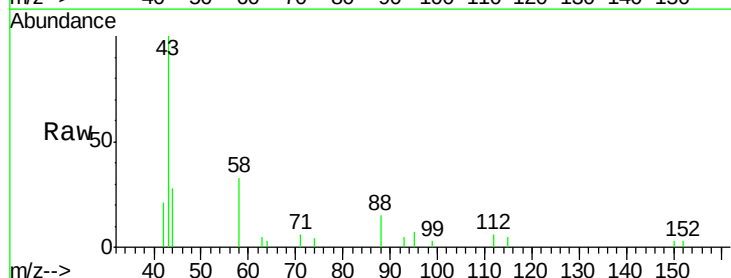
Tgt Ion: 42 Resp: 172

Ion Ratio Lower Upper

42 100

74 0.0 128.4 192.6#

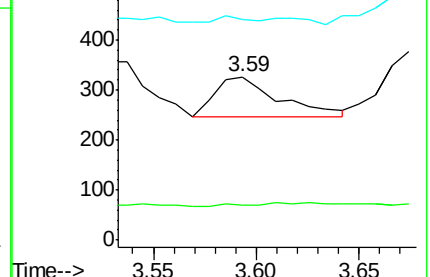
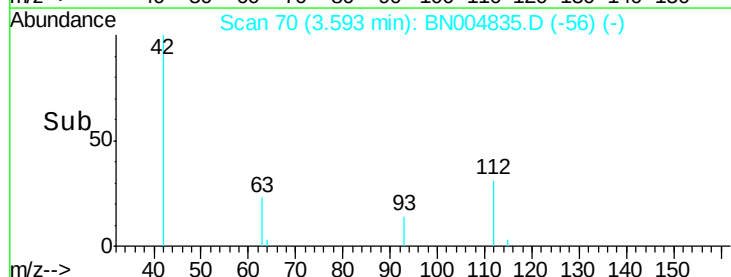
44 8.1 6.1 9.1

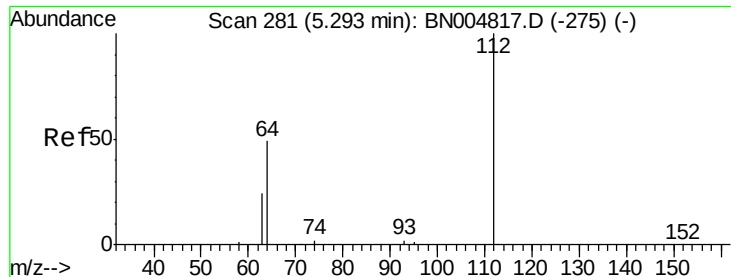


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

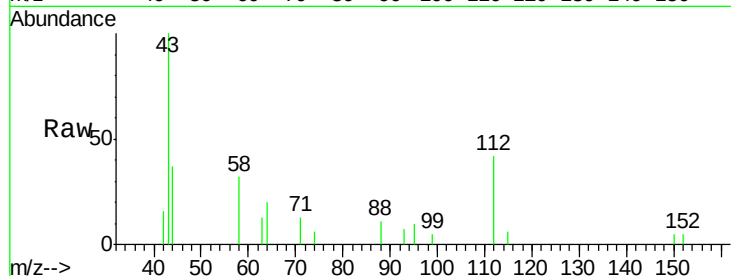
Tot Ion:112 Resp: 792

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

Time-->

5.20 5.30 5.40

5.30

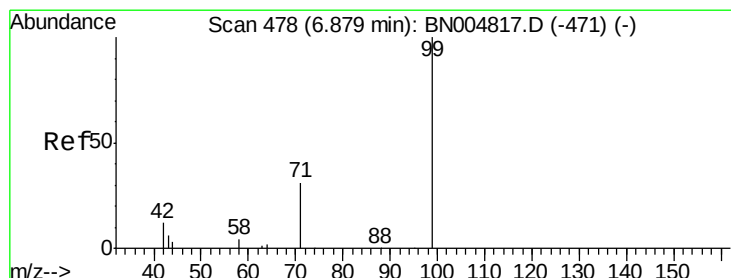
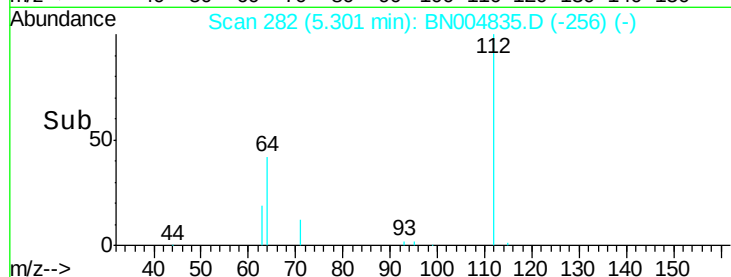
400

300

200

100

0



#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

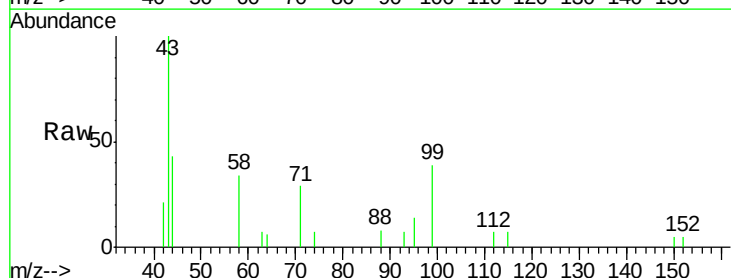
Tgt Ion: 99 Resp: 605

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): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

Time-->

6.80 6.85 6.90 6.95

6.88

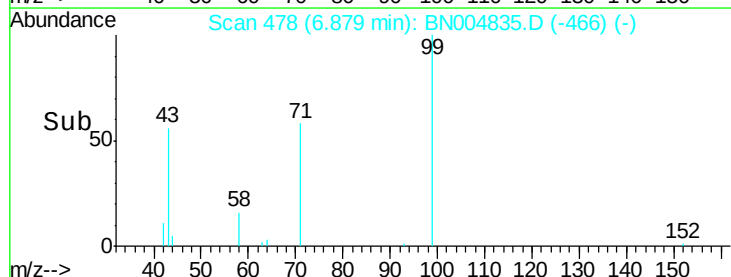
400

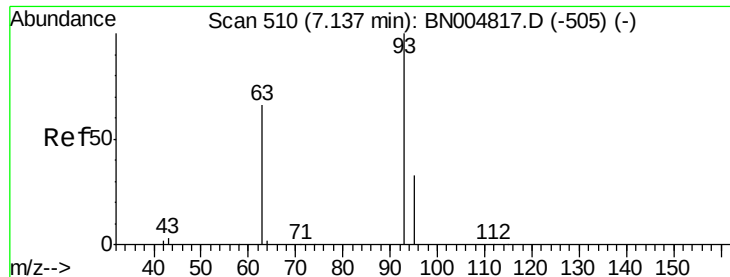
300

200

100

0





#6

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 7.18 min Scan# 515

Delta R.T. 0.04 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

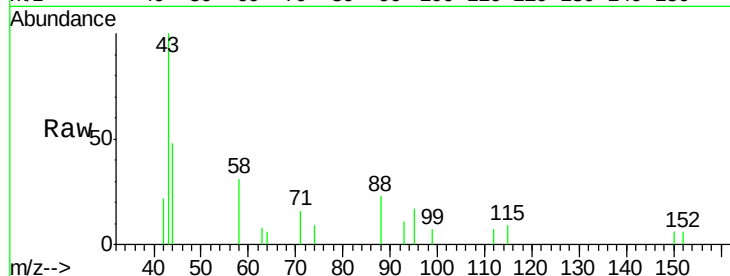
Tot Ion: 93 Resp: 49

Ion Ratio Lower Upper

93 100

63 0.0 52.6 78.8#

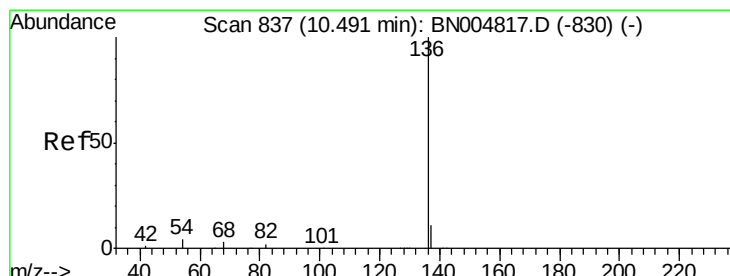
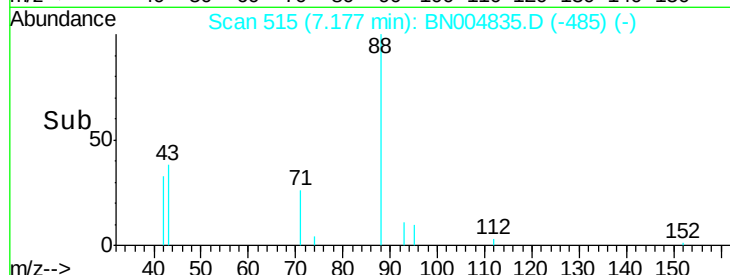
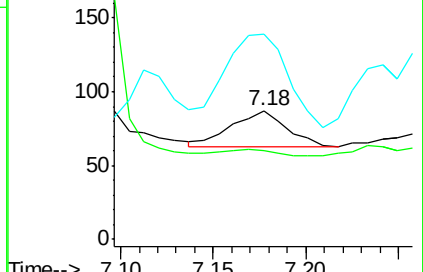
95 306.1 25.9 38.9#



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#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

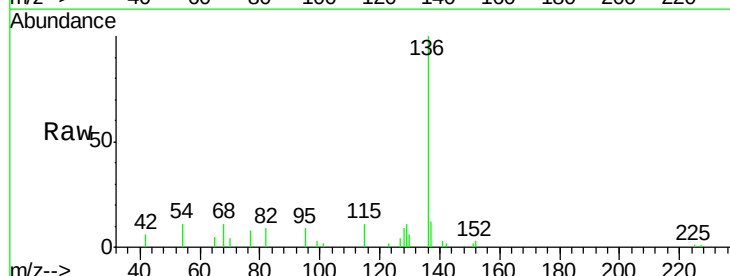
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 10.7 4.2 6.2#

68 10.5 3.9 5.9#

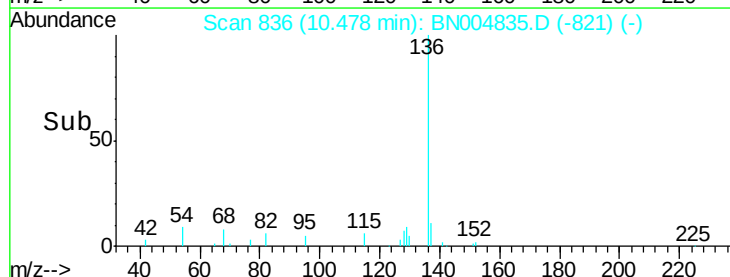
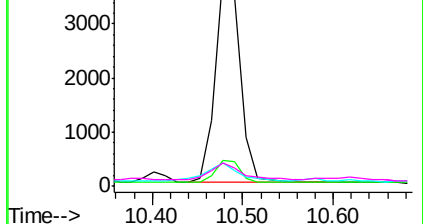


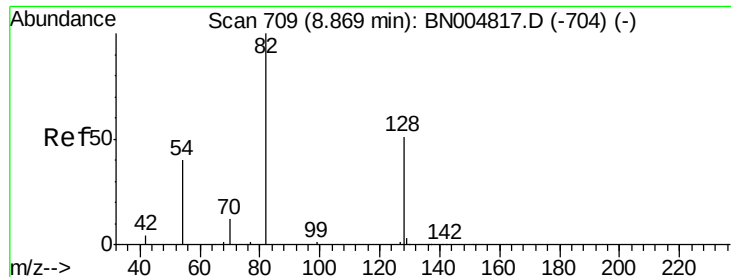
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#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 :

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PR-MW-02_030819

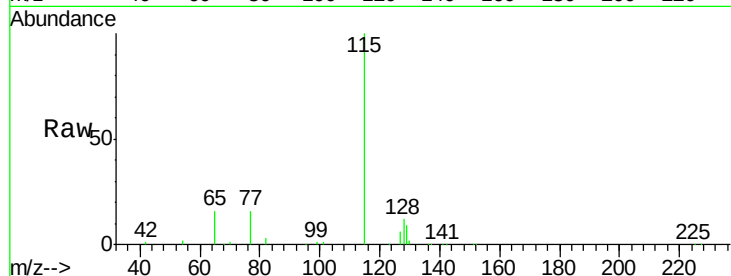
Tot Ion: 82 Resp: 1588

Ion Ratio Lower Upper

82 100

128 419.9 43.0 64.6#

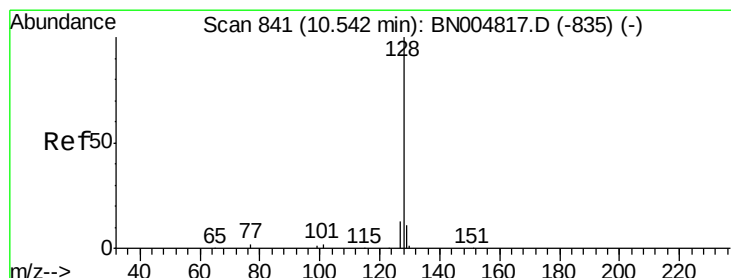
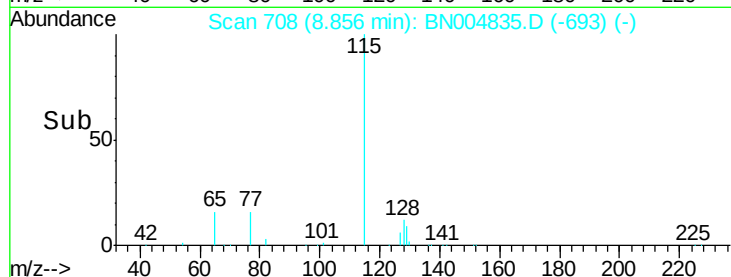
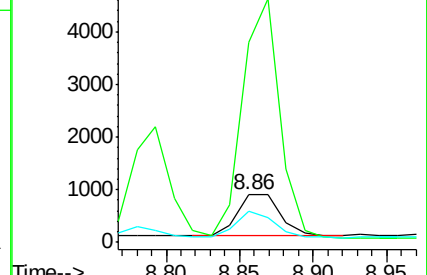
54 64.9 35.3 52.9#



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) (-)



#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

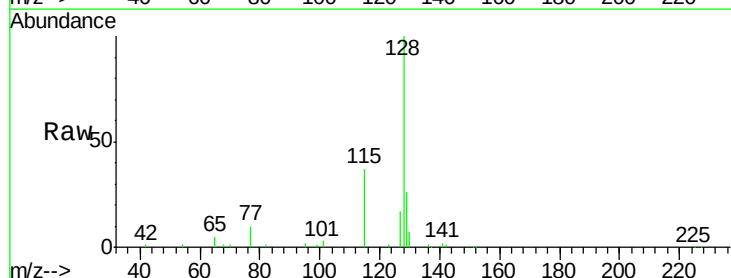
Tgt Ion: 128 Resp: 28751

Ion Ratio Lower Upper

128 100

129 25.8 9.9 14.9#

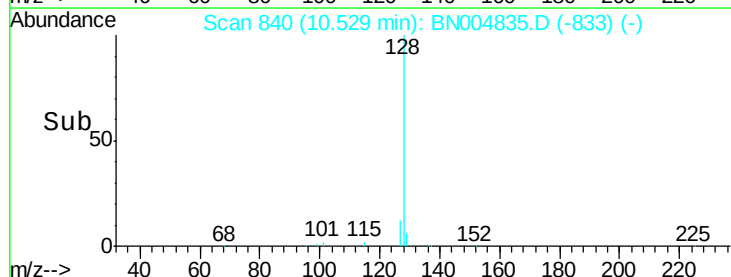
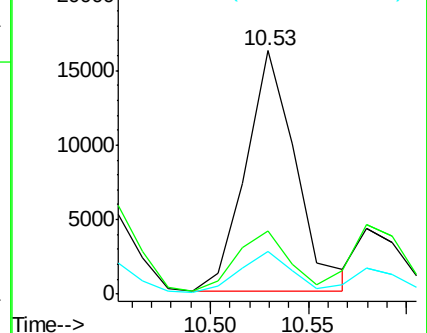
127 17.5 11.3 16.9#

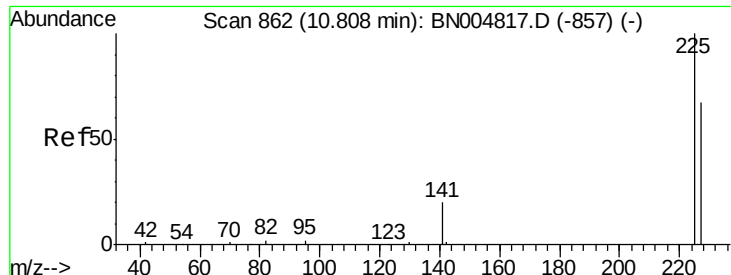


Abundance Ion 128.00 (127.70 to 128.70): BN004817.D (-835) (-)

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

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

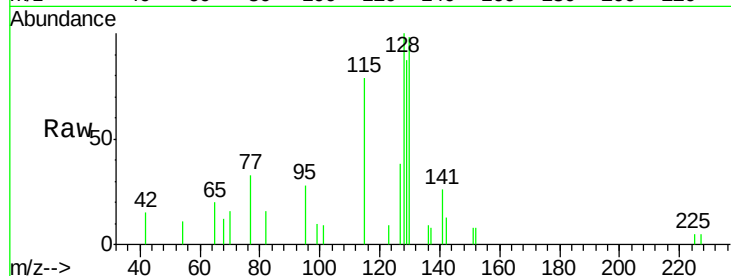




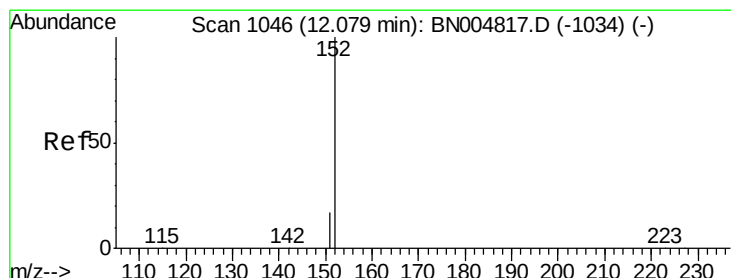
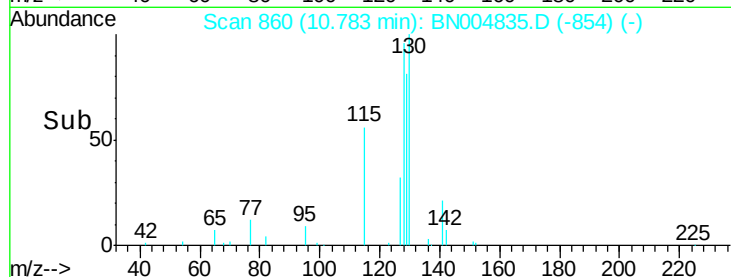
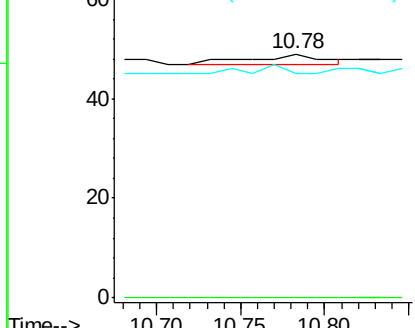
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
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PR-MW-02_030819

Tot Ion:225 Resp: 6
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 33.3 52.2 78.4#

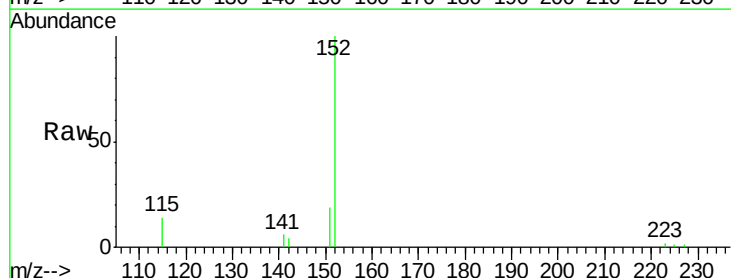


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

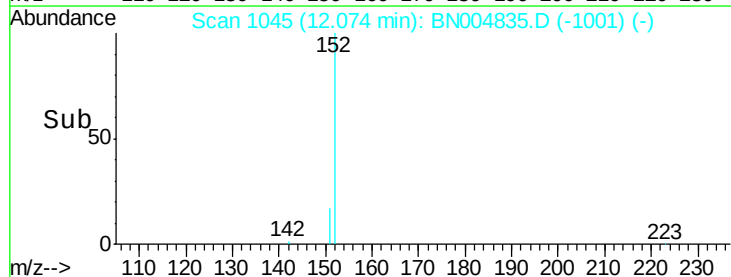
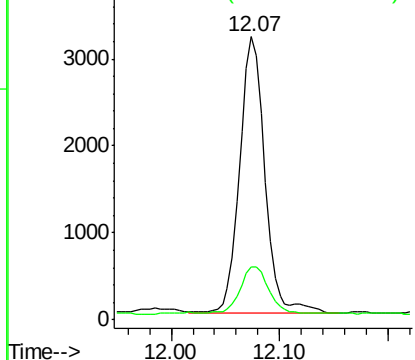


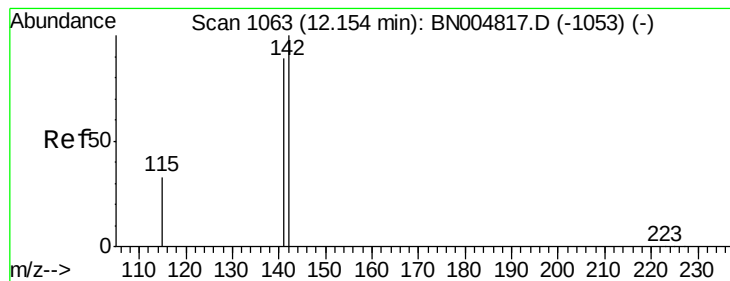
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt 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

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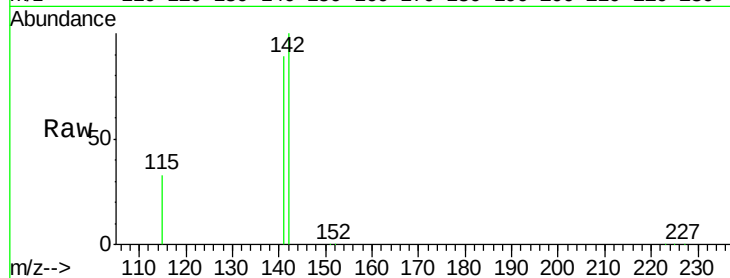
Tot Ion:142 Resp: 156647

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

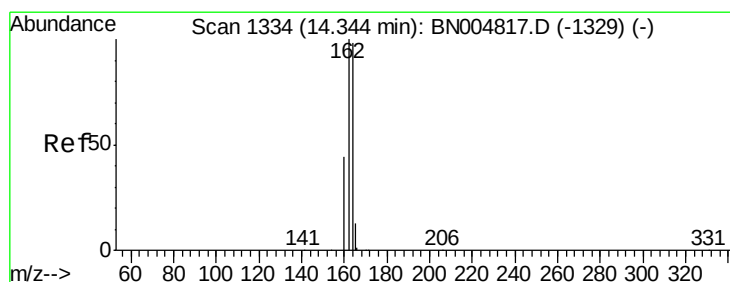
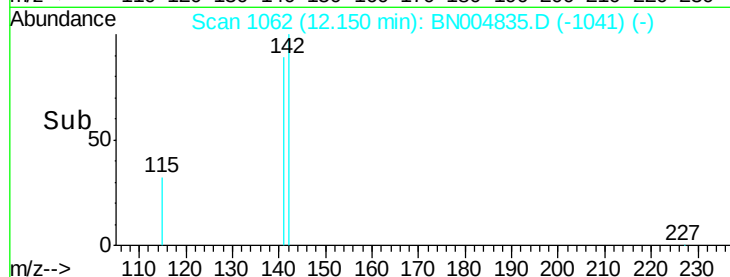
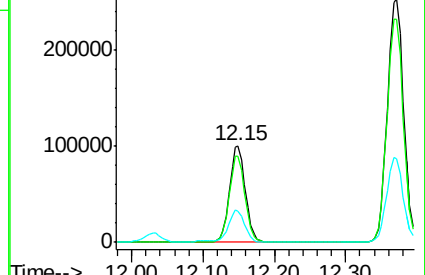
115 32.8 27.5 41.3



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

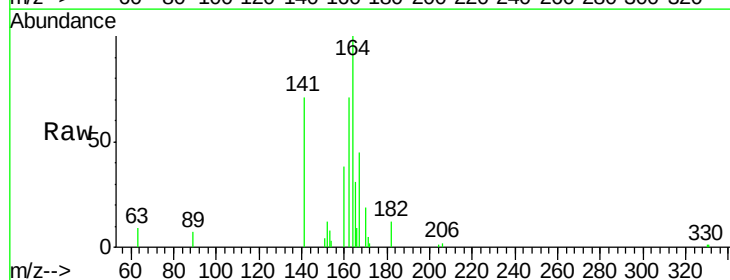
Tgt Ion:164 Resp: 9302

Ion Ratio Lower Upper

164 100

162 71.1 81.9 122.9#

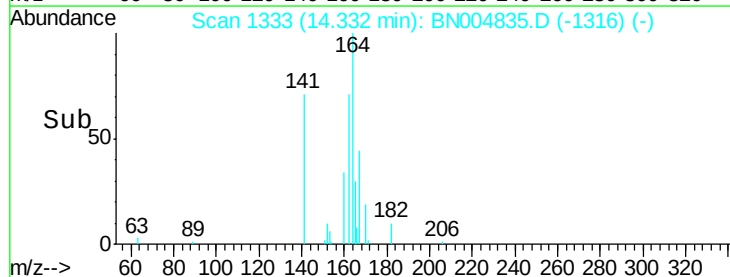
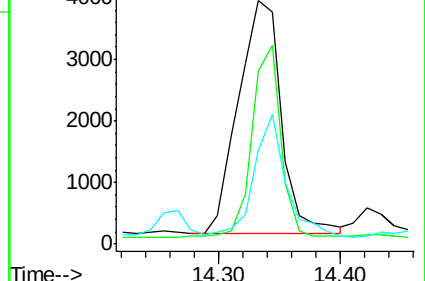
160 38.5 36.6 54.8

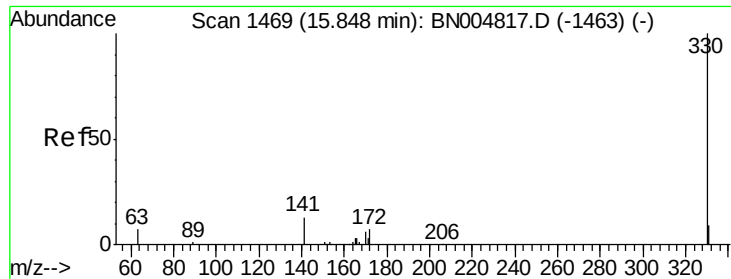


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

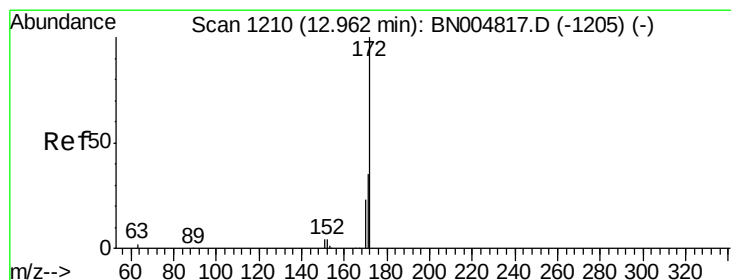
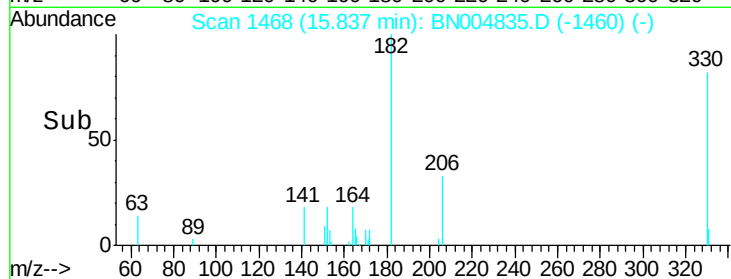
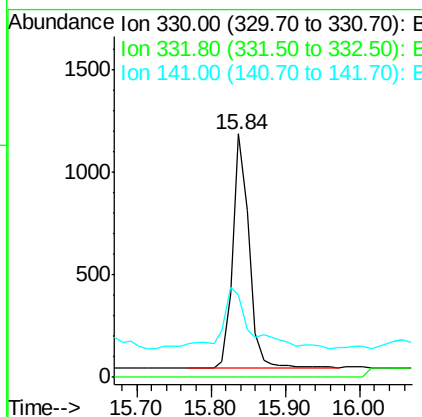
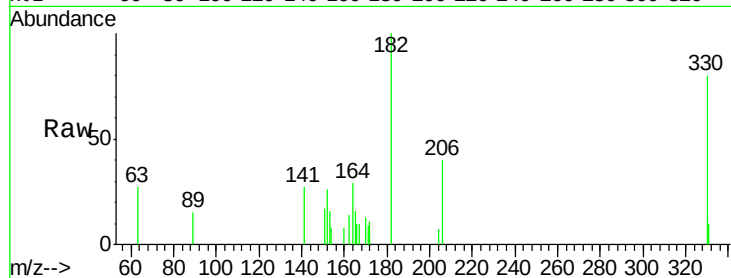




#14
 2,4,6-Tribromophenol
 Concen: 0.269 ng
 RT: 15.84 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BN004835.D
 Acq: 21 Mar 2019 00:40

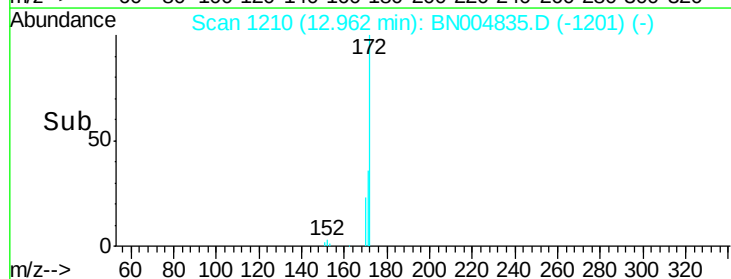
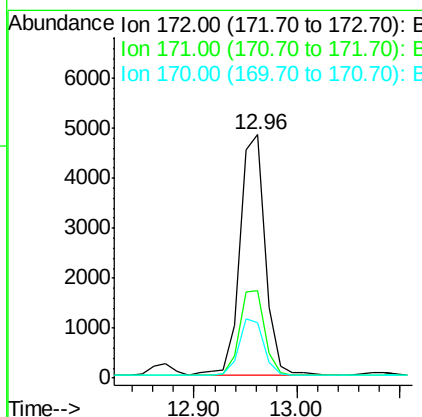
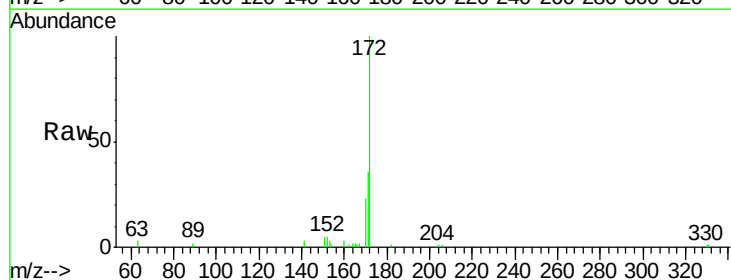
Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-02_030819

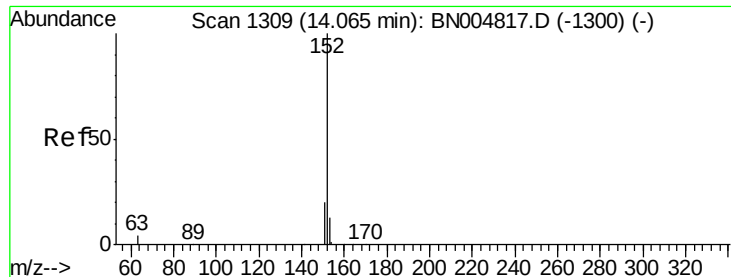
Tot Ion:330 Resp: 1725
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.4 20.9 31.3#



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

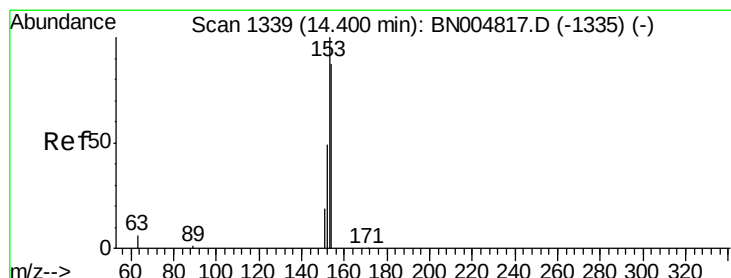
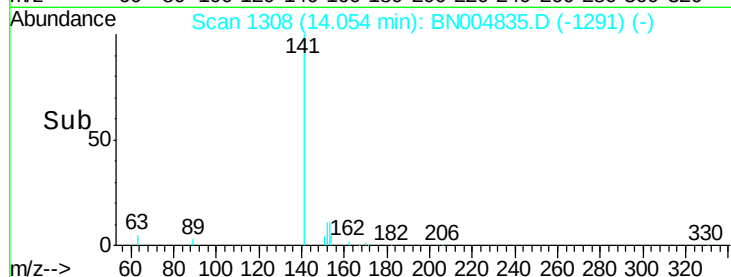
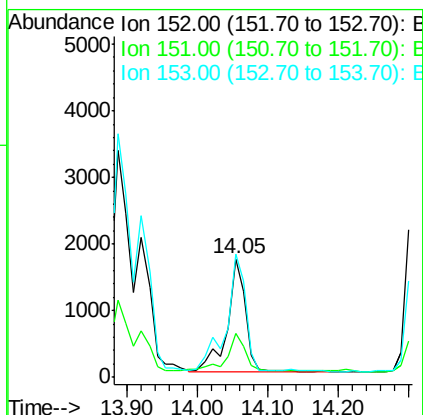
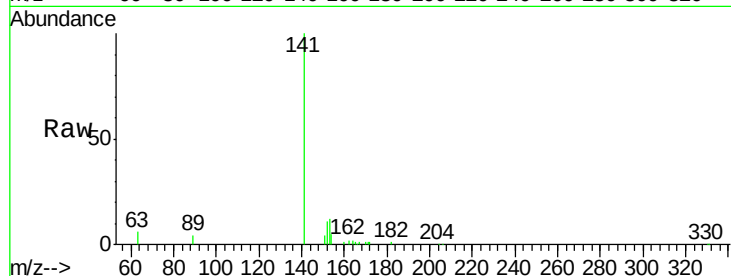
Tot Ion:152 Resp: 3119

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

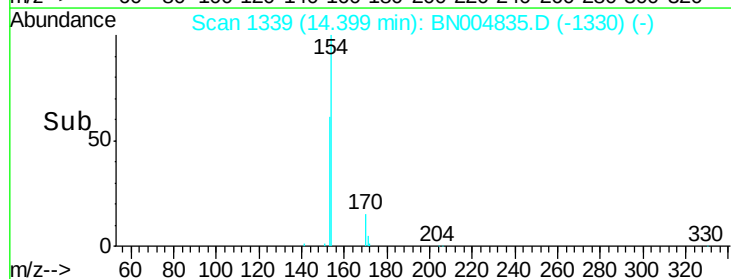
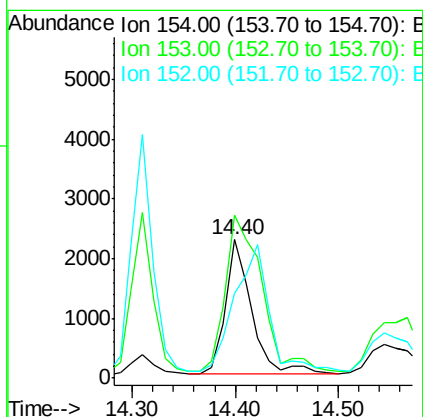
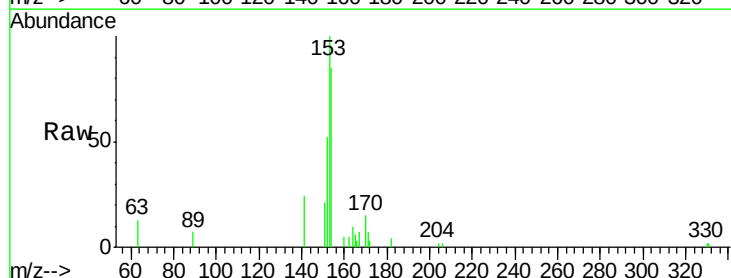
Tgt Ion:154 Resp: 3906

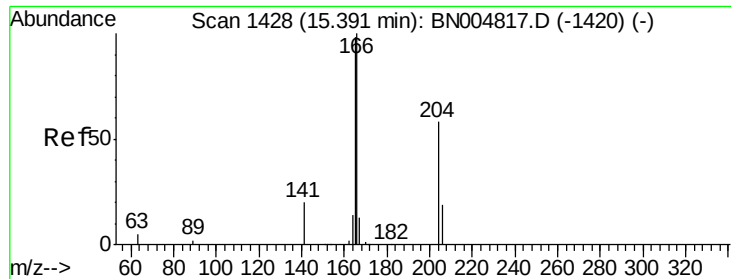
Ion Ratio Lower Upper

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

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

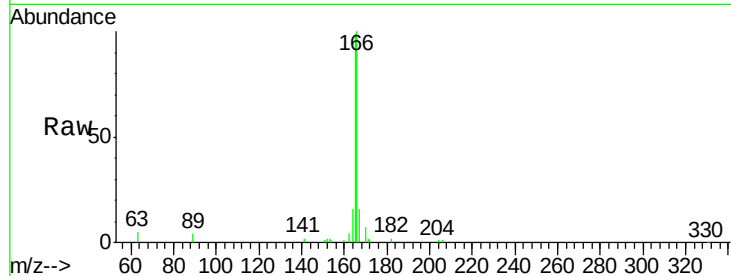
Tot Ion:166 Resp: 13655

Ion Ratio Lower Upper

166 100

165 102.3 78.2 117.4

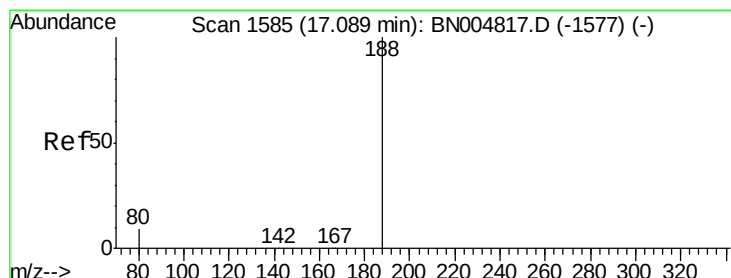
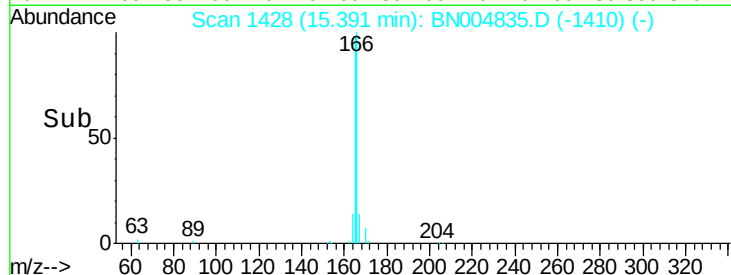
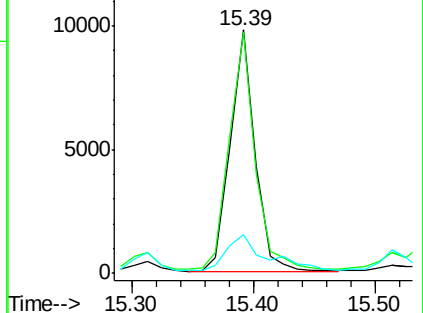
167 23.9 11.0 16.4#



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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

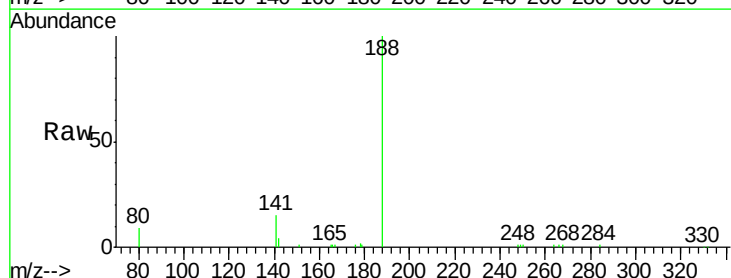
Tgt Ion:188 Resp: 12746

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

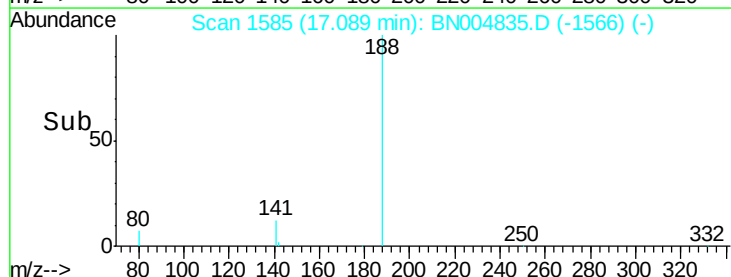
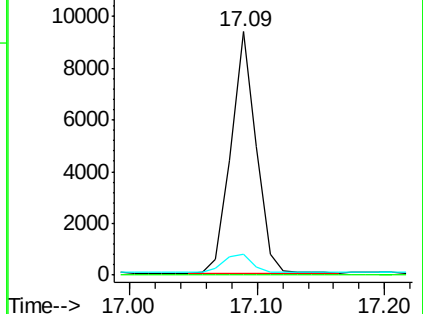
80 8.5 7.4 11.2

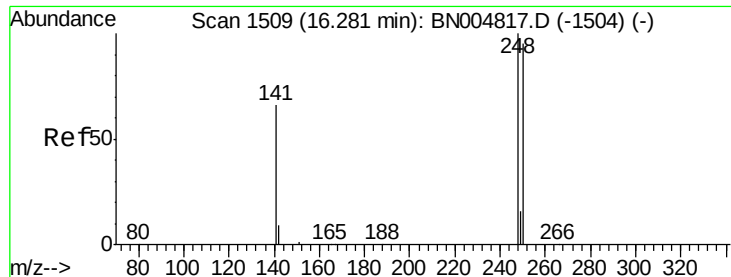


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

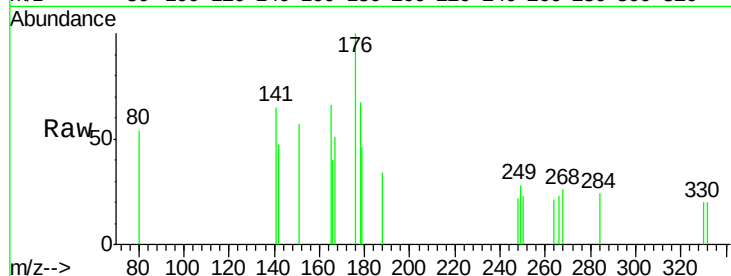




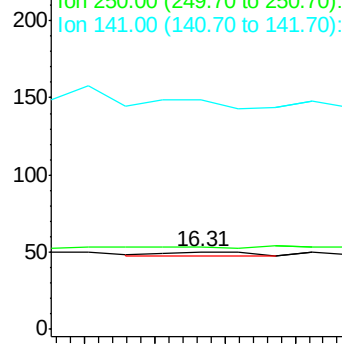
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.03 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

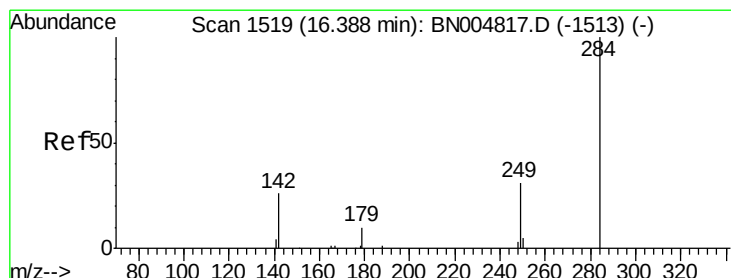
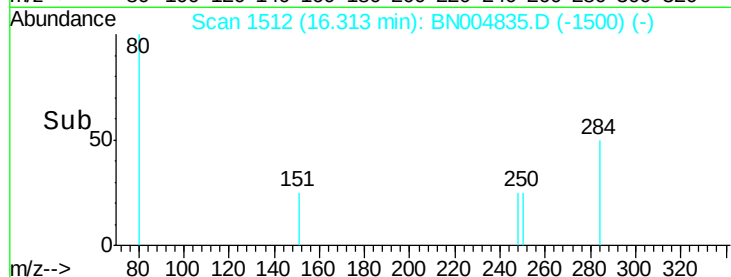
Tot Ion:248 Resp: 5
Ion Ratio Lower Upper
248 100
250 106.0 76.2 114.4
141 298.0 53.9 80.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

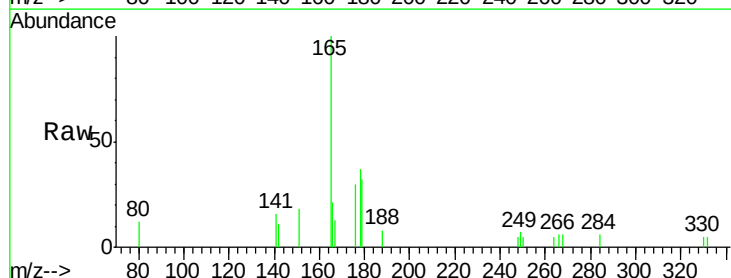


Time-->

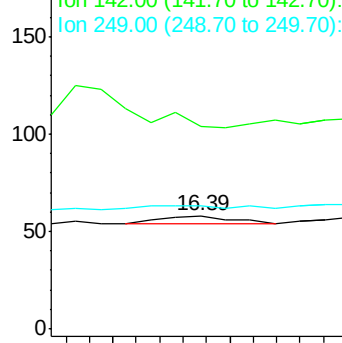


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

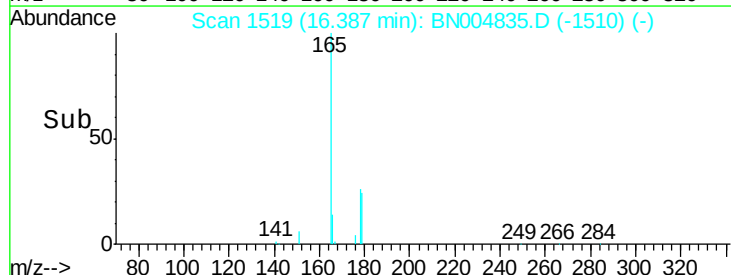
Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 22.6 34.0#
249 0.0 22.5 33.7#

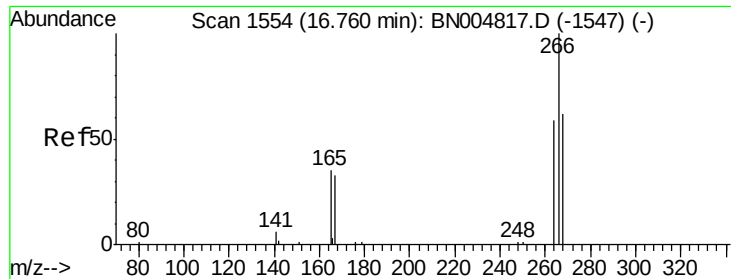


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

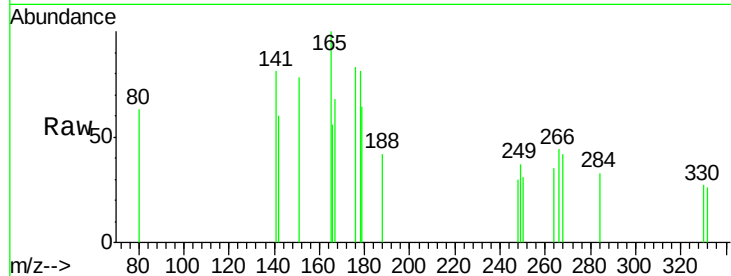
Tot Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 78.9 53.1 79.7

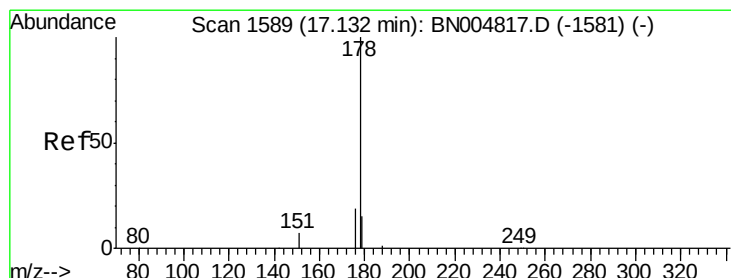
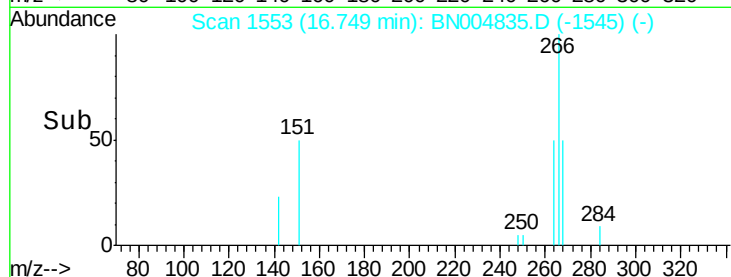
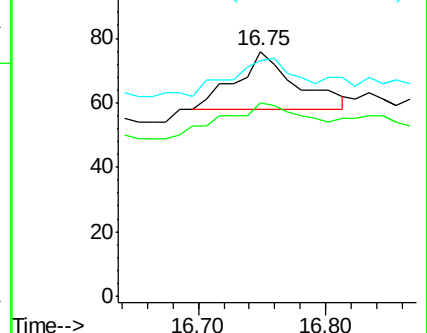
268 96.1 57.7 86.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#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

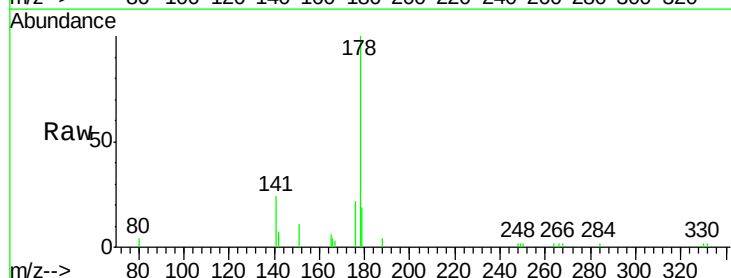
Tgt Ion:178 Resp: 4229

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

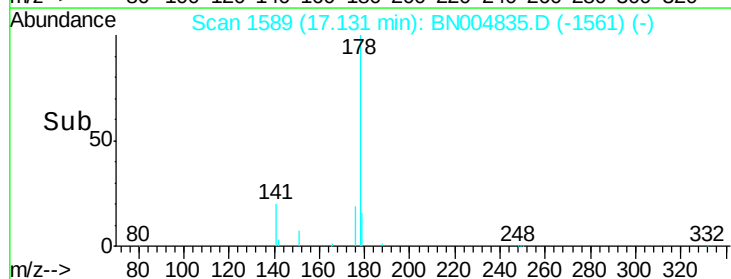
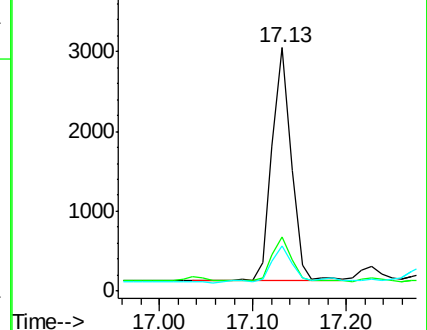
179 17.6 12.1 18.1

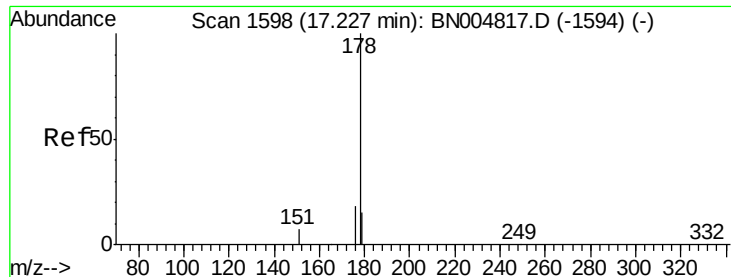


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.007 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

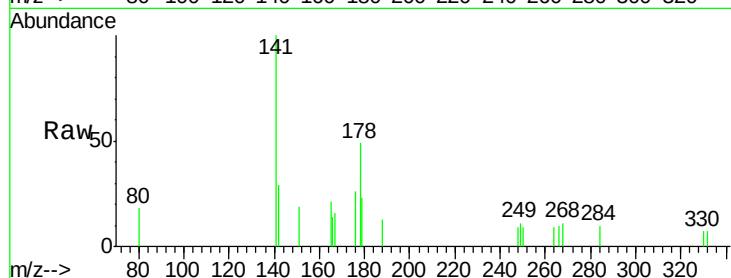
Tot Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 21.3 14.5 21.7

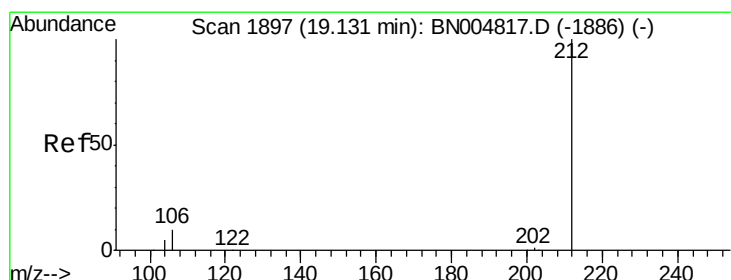
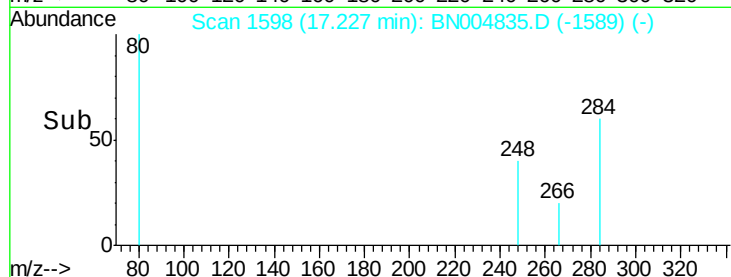
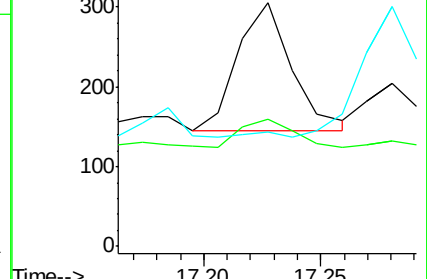
179 0.0 12.2 18.4#



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

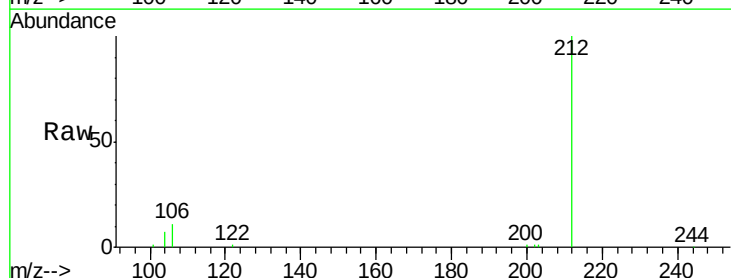
Tgt Ion:212 Resp: 17623

Ion Ratio Lower Upper

212 100

106 10.6 8.6 13.0

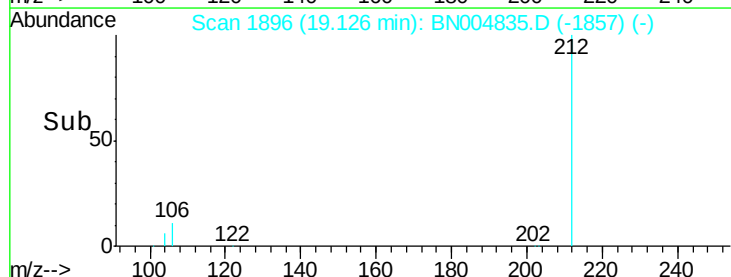
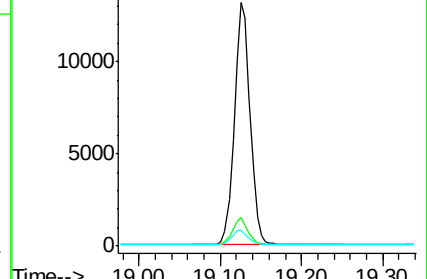
104 5.8 4.7 7.1

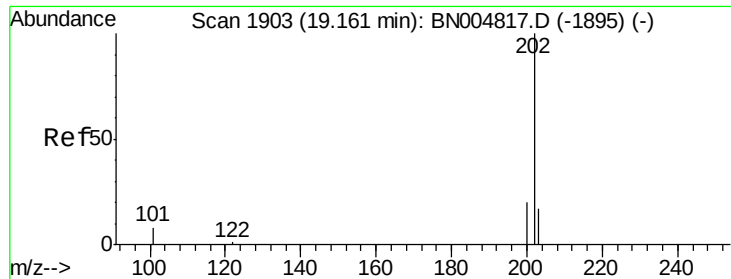


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.006 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

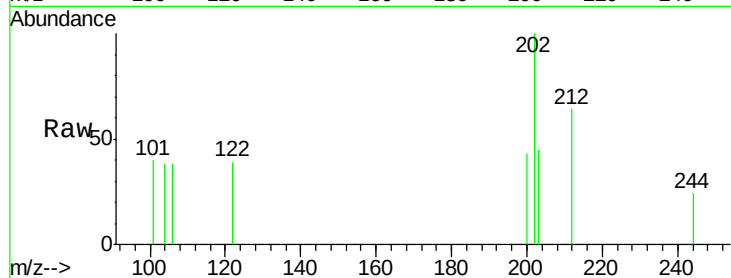
Tot Ion:202 Resp: 311

Ion Ratio Lower Upper

202 100

101 8.0 7.5 11.3

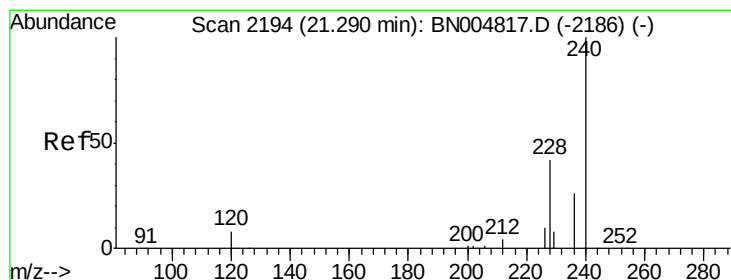
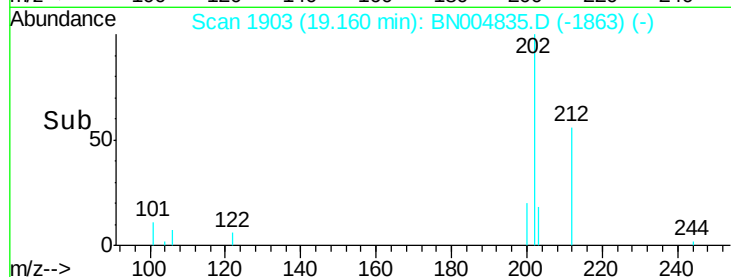
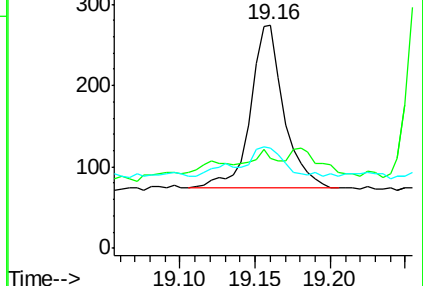
203 16.4 13.8 20.6



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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

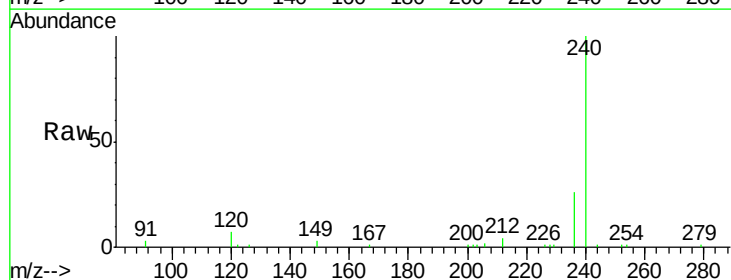
Tgt Ion:240 Resp: 16730

Ion Ratio Lower Upper

240 100

120 7.4 7.2 10.8

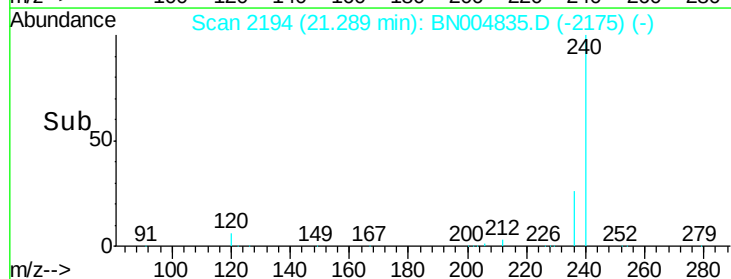
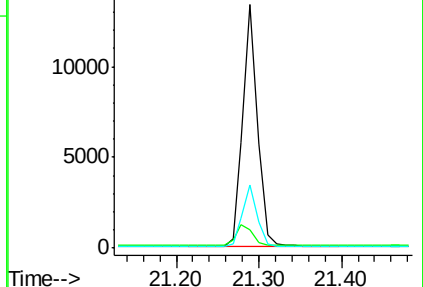
236 25.9 20.9 31.3

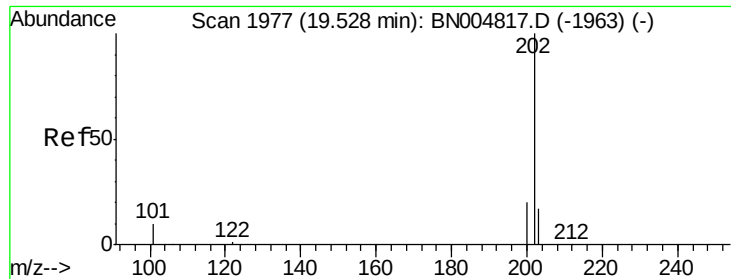


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

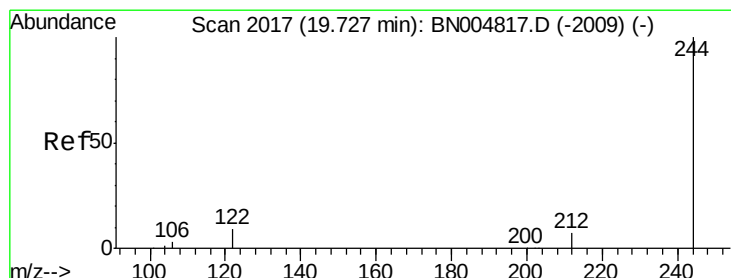
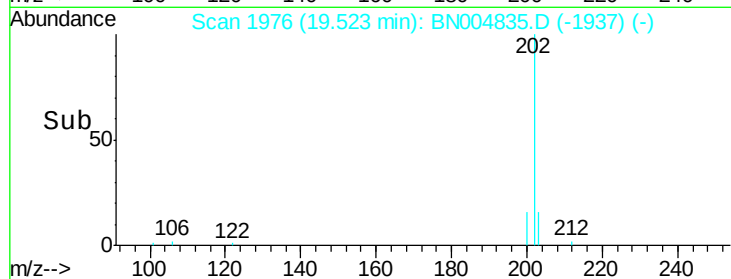
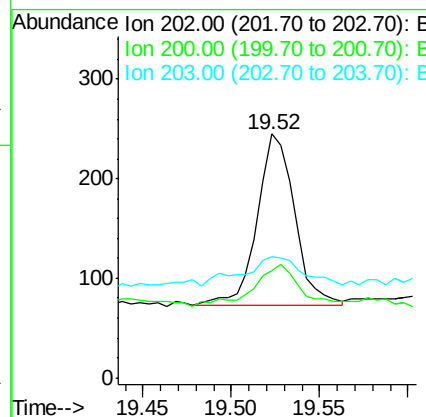
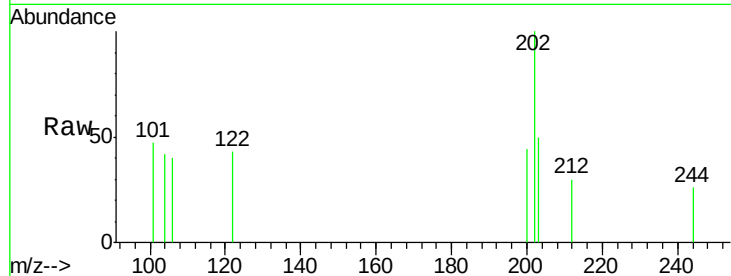




#28
Pvrene
Concen: 0.005 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

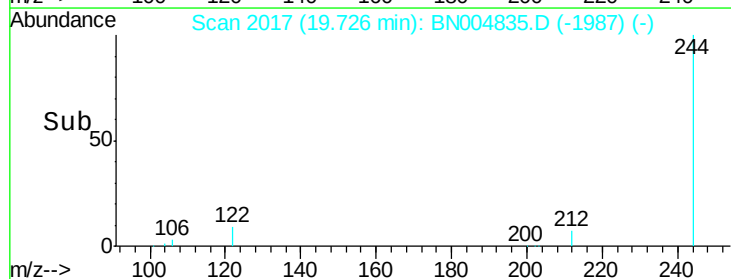
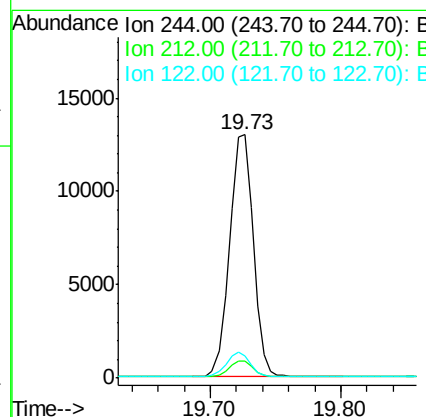
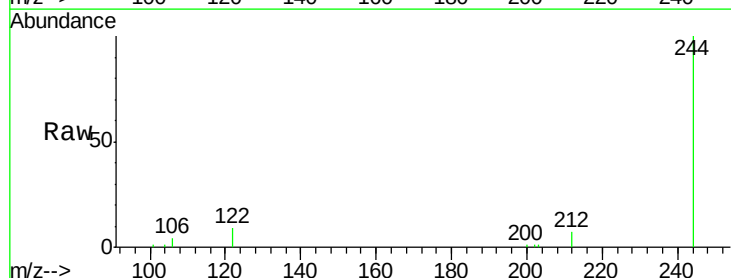
Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

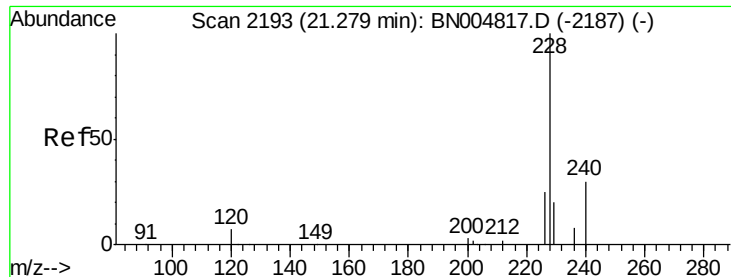
Tot Ion:202 Resp: 252
Ion Ratio Lower Upper
202 100
200 29.4 16.3 24.5#
203 24.6 14.0 21.0#



#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

Tgt Ion:244 Resp: 16568
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.2 7.9 11.9





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

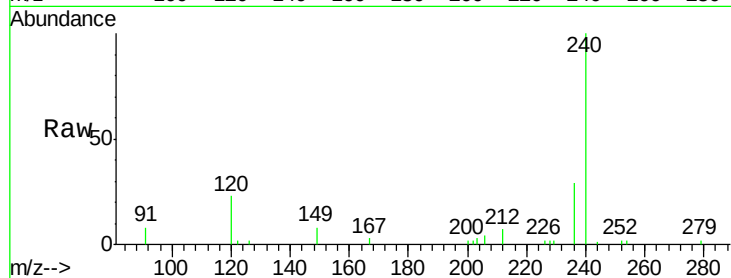
Tot Ion:228 Resp: 134

Ion Ratio Lower Upper

228 100

226 68.1 20.6 31.0#

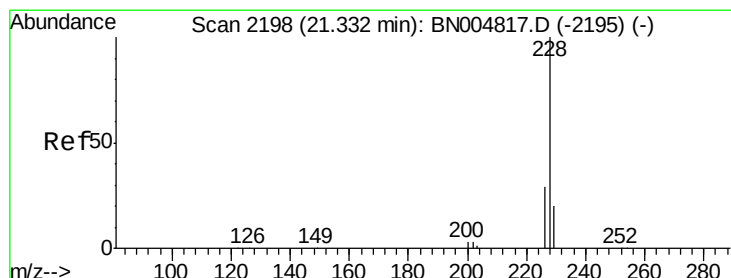
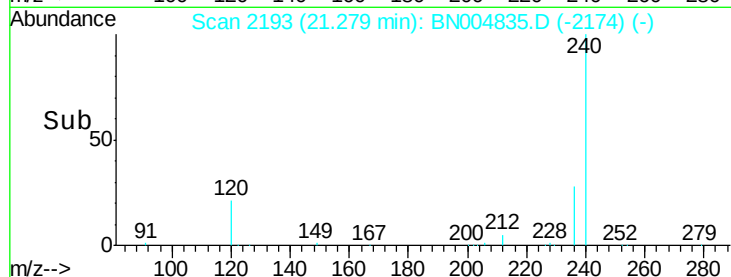
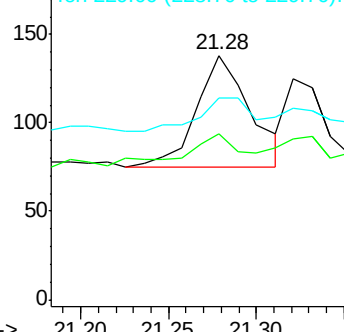
229 82.6 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.001 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

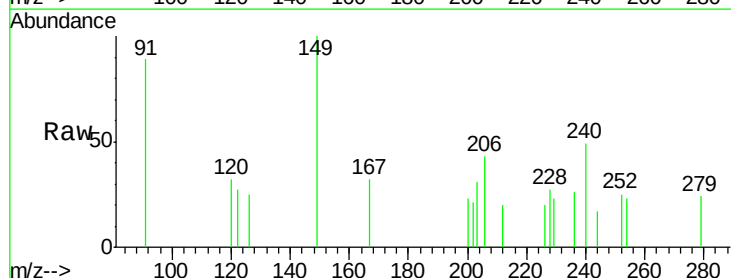
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 72.8 23.0 34.6#

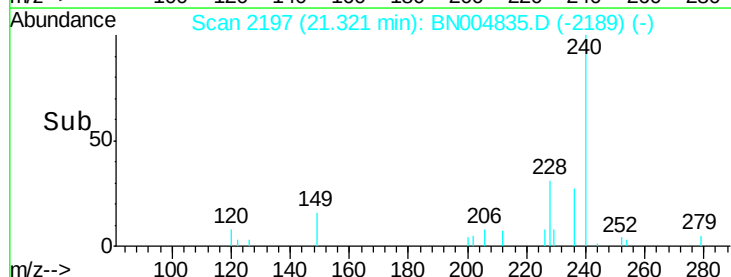
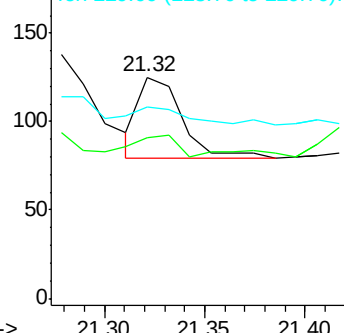
229 86.4 16.2 24.2#

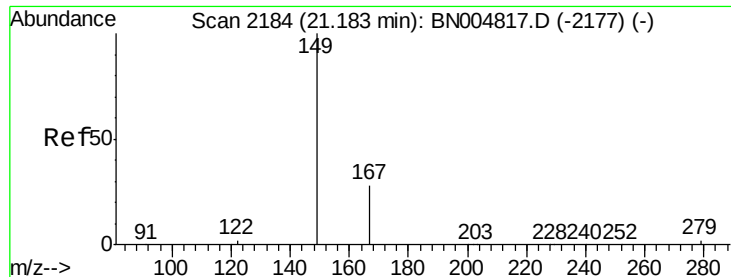


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): 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

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

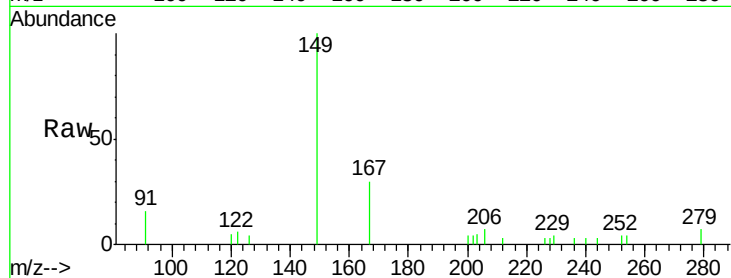
Tot Ion:149 Resp: 2478

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

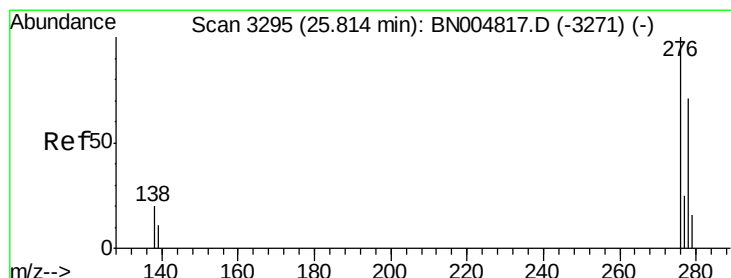
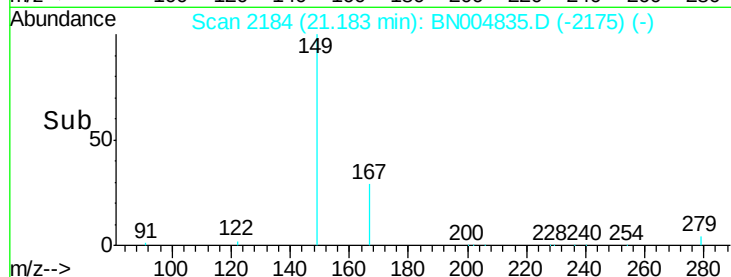
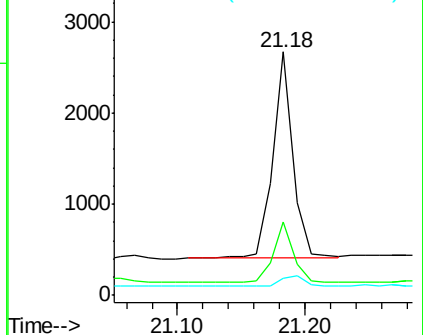
279 7.0 4.6 6.8#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.83 min Scan# 3299

Delta R.T. 0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

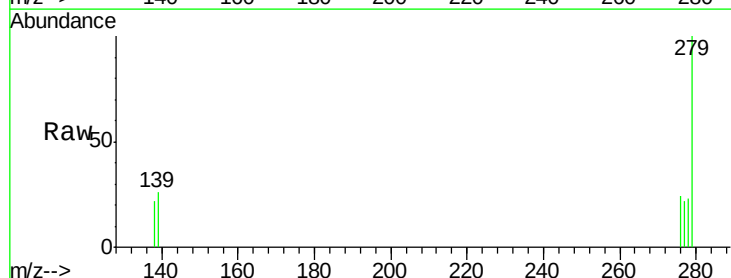
Tgt Ion:276 Resp: 100

Ion Ratio Lower Upper

276 100

138 6.0 16.6 24.8#

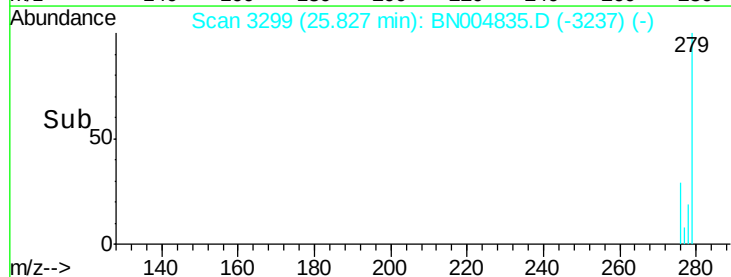
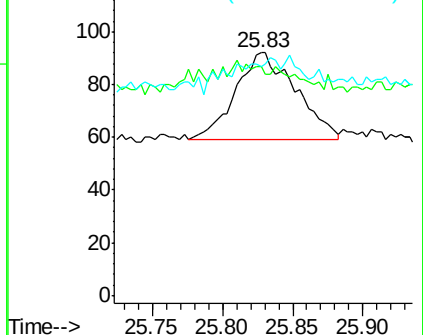
277 16.0 20.3 30.5#

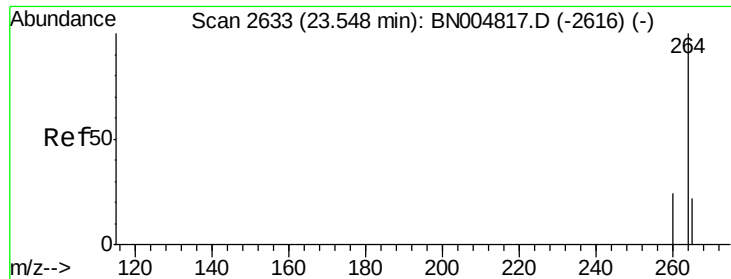


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

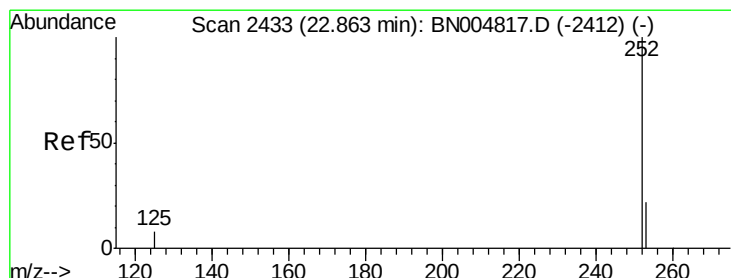
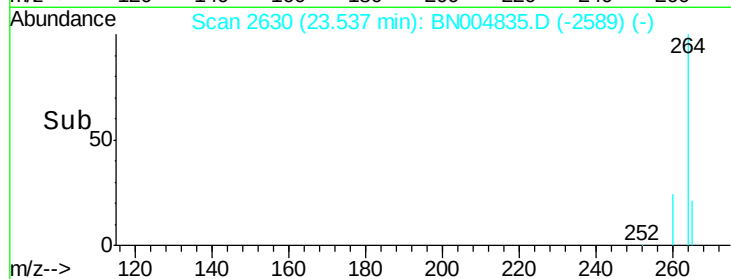
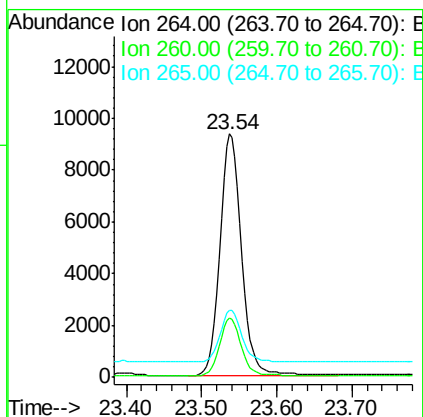
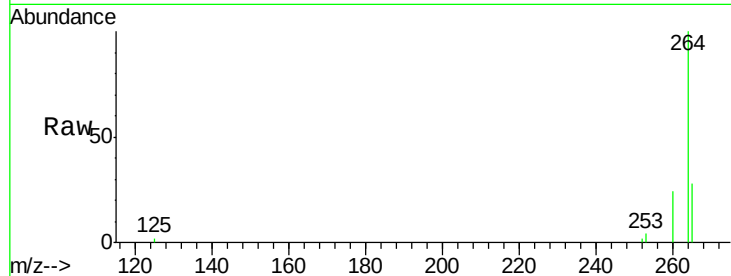




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2630
 Delta R.T. -0.01 min
 Lab File: BN004835.D
 Acq: 21 Mar 2019 00:40

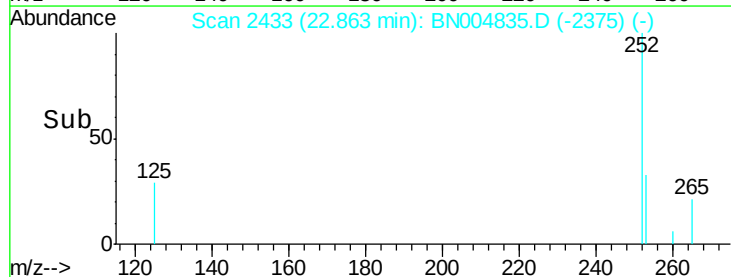
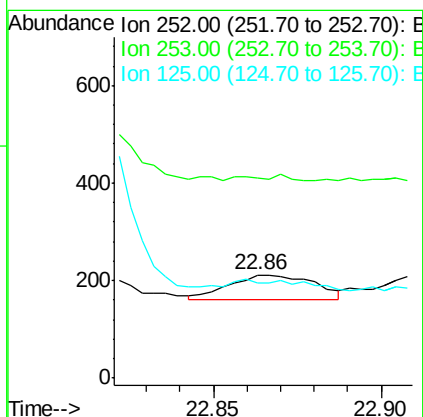
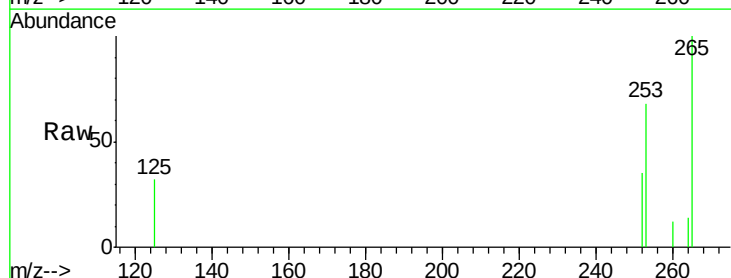
Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-02_030819

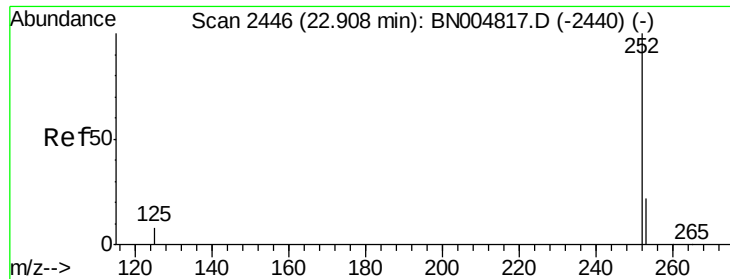
Tot Ion:264 Resp: 18501
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 27.6 23.1 34.7



#35
 Benzo(b)fluoranthene
 Concen: 0.001 ng
 RT: 22.86 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BN004835.D
 Acq: 21 Mar 2019 00:40

Tgt Ion:252 Resp: 91
 Ion Ratio Lower Upper
 252 100
 253 194.3 19.0 28.4#
 125 92.4 7.4 11.2#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 22.91 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

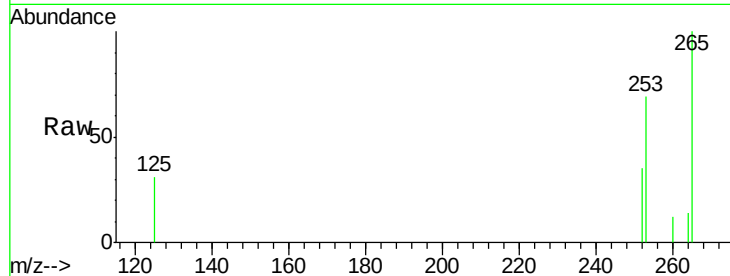
Tot Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 195.7 19.3 28.9#

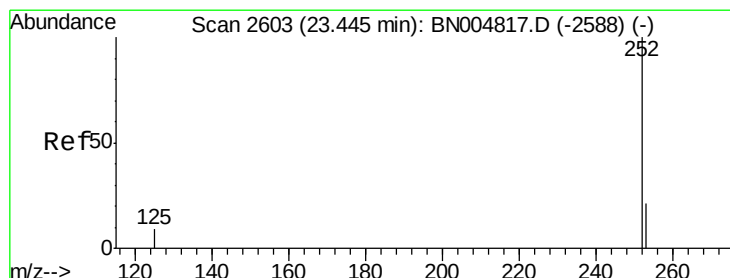
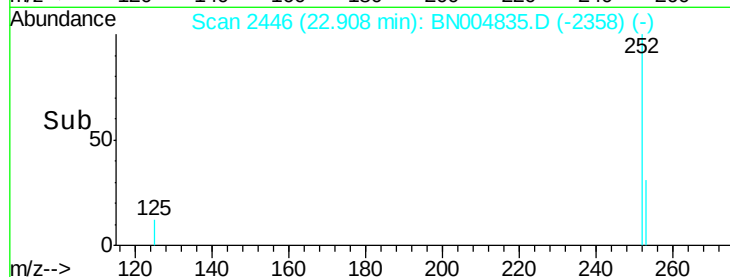
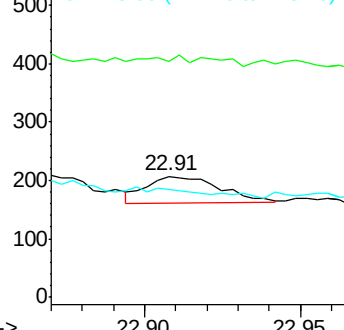
125 88.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

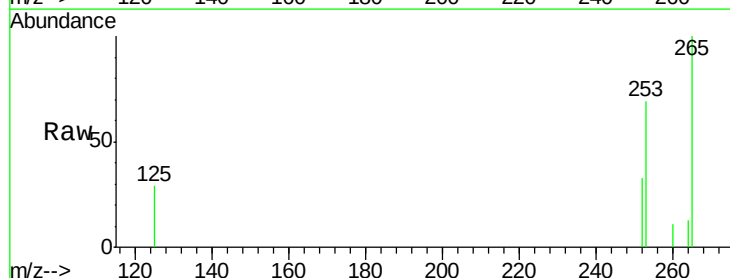
Tgt Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 211.1 19.7 29.5#

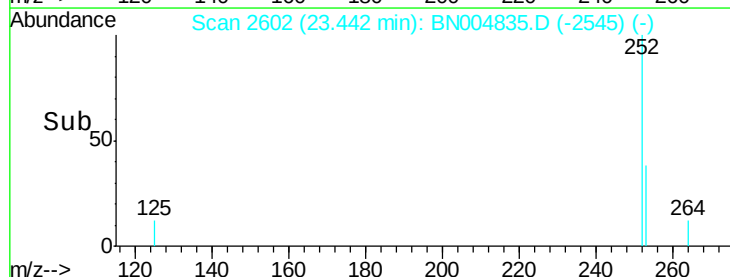
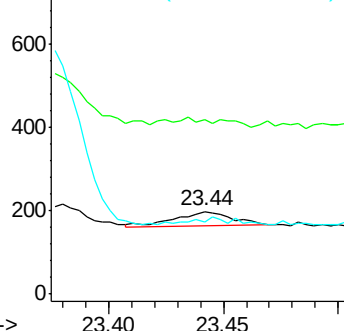
125 87.9 8.3 12.5#

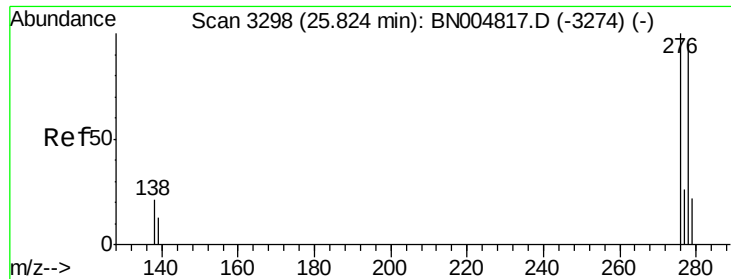


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 25.83 min Scan# 3300

Delta R.T. 0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Instrument :

BNA_N

ClientSampleId :

PR-MW-02_030819

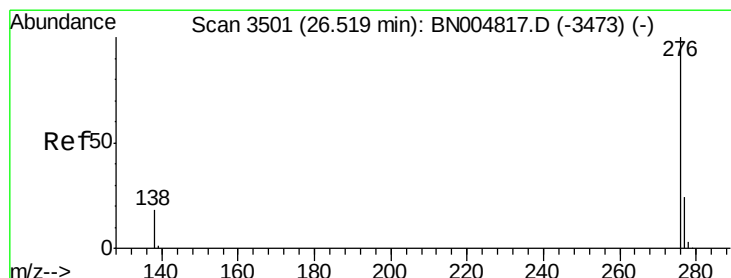
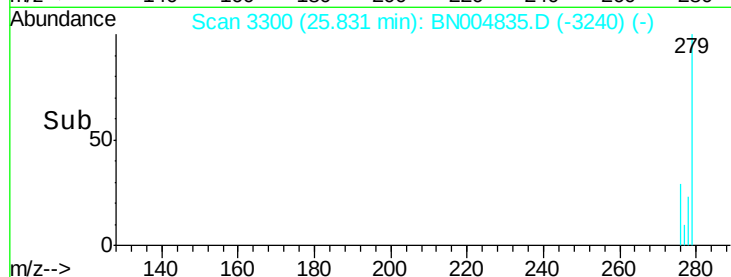
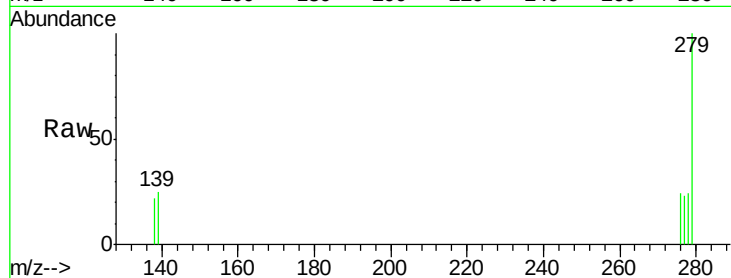
Tot Ion:278 Resp: 43

Ion Ratio Lower Upper

278 100

139 107.7 11.7 17.5#

279 424.2 19.9 29.9#



#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.53 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BN004835.D

Acq: 21 Mar 2019 00:40

Tgt Ion:276 Resp: 115

Ion Ratio Lower Upper

276 100

277 86.5 19.7 29.5#

138 89.9 14.6 22.0#

