

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 08:50:46 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

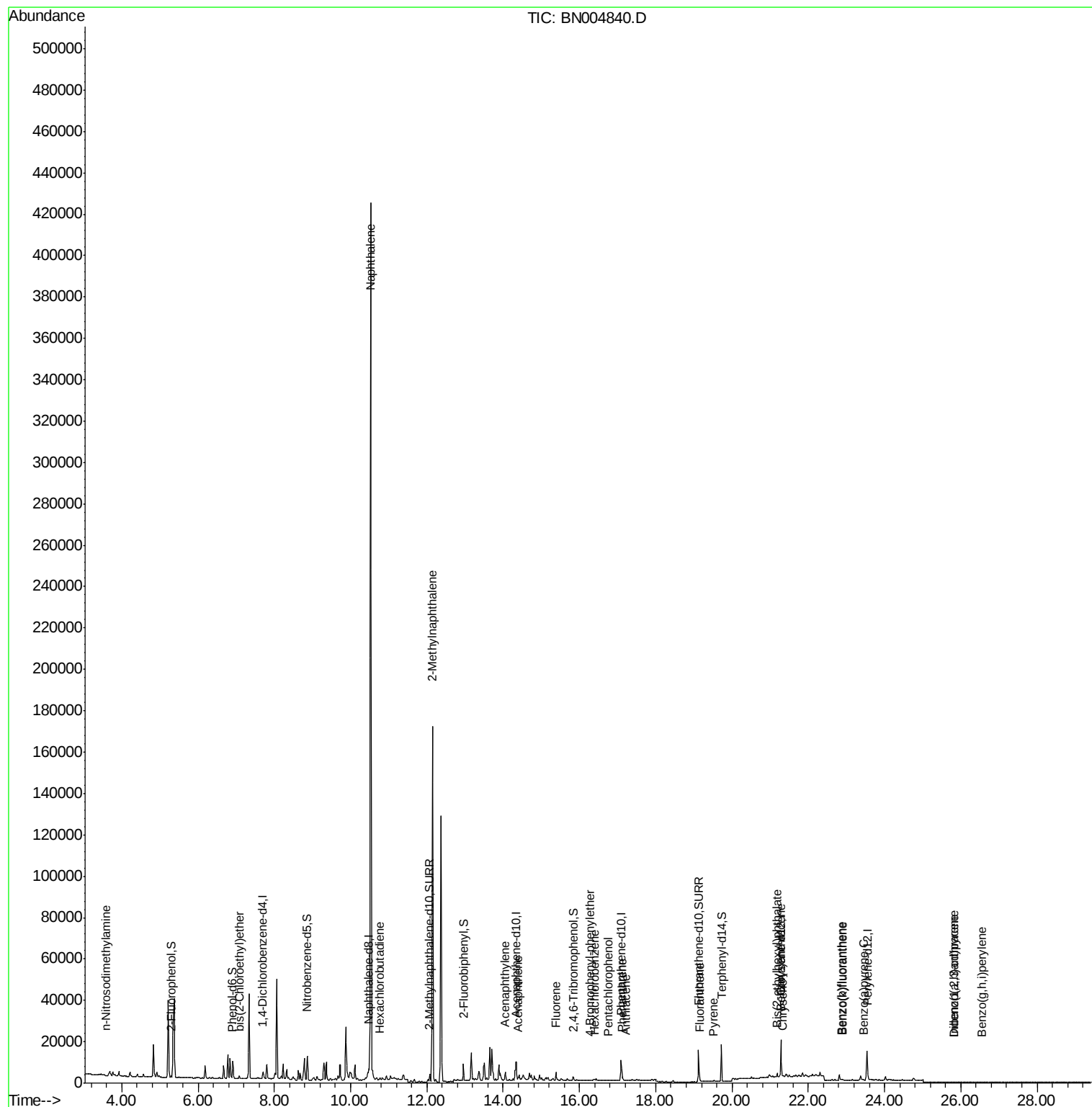
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	30	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	106	0.022	ng	# 1
9) Naphthalene	10.53	128	542769	26.650	ng	98
10) Hexachlorobutadiene	10.77	225	2	0.001	ng	# 17
12) 2-Methylnaphthalene	12.15	142	123141	8.140	ng	98
16) Acenaphthylene	14.05	152	571	0.021	ng	# 1
17) Acenaphthene	14.40	154	761	0.044	ng	# 49
18) Fluorene	15.39	166	2259	0.093	ng	# 93
20) 4-Bromophenyl-phenylether	16.28	248	15	0.002	ng	# 45
21) Hexachlorobenzene	16.39	284	22	0.002	ng	# 63
22) Pentachlorophenol	16.76	266	16	0.009	ng	# 66
23) Phenanthrene	17.13	178	1538	0.037	ng	# 91
24) Anthracene	17.23	178	123	0.003	ng	# 70
26) Fluoranthene	19.16	202	655	0.012	ng	# 91
28) Pyrene	19.53	202	437	0.008	ng	# 69
30) Benzo(a)anthracene	21.28	228	235	0.004	ng	# 22
31) Chrysene	21.32	228	249	0.004	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.18	149	1822	0.081	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.84	276	229	0.003	ng	# 75
35) Benzo(b)fluoranthene	22.87	252	371	0.005	ng	# 1
36) Benzo(k)fluoranthene	22.91	252	151	0.002	ng	# 1
37) Benzo(a)pyrene	23.44	252	200	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.84	278	57	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.54	276	245	0.003	ng	# 1

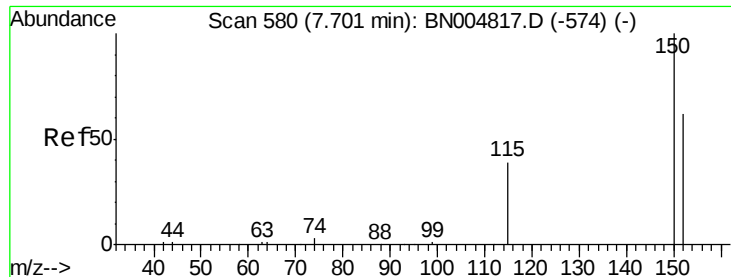
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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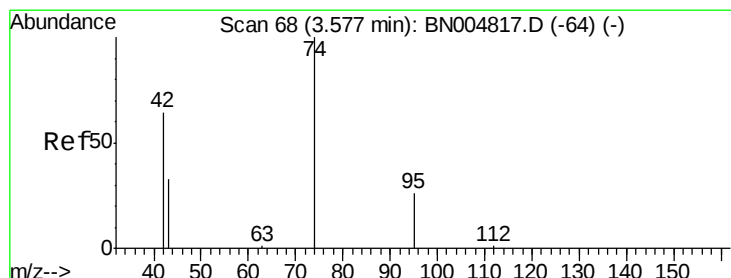
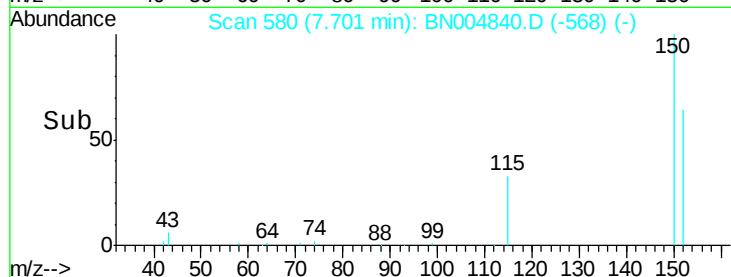
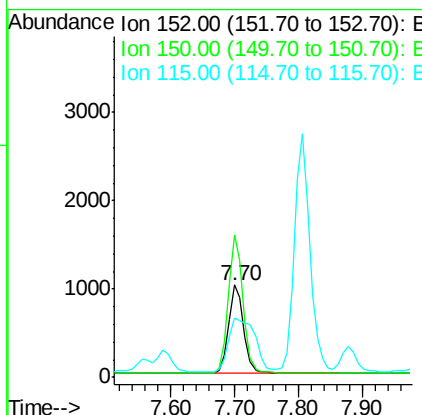
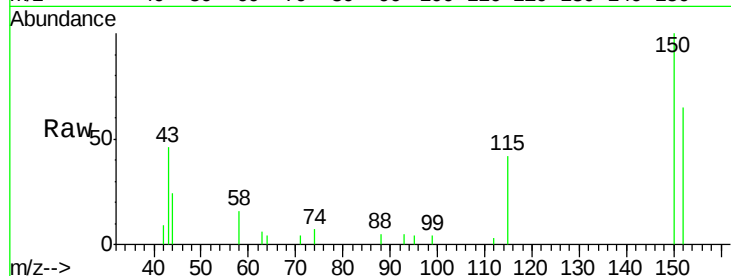


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Instrument :
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ClientSampleId :
PR-MW-05_030819

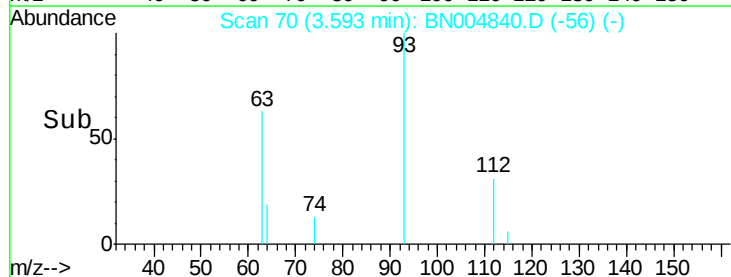
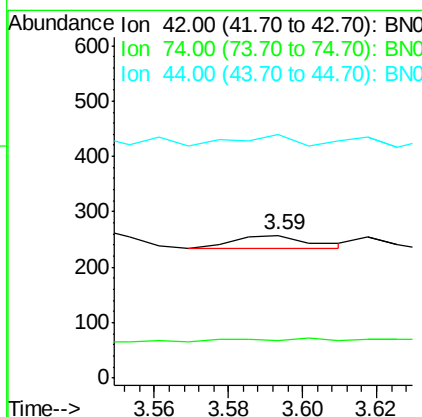
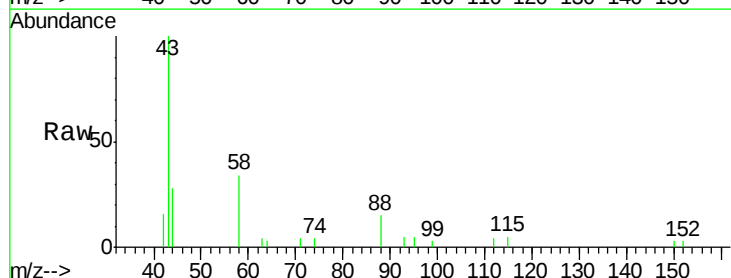
Tot Ion:152 Resp: 1613
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 64.9 52.6 79.0

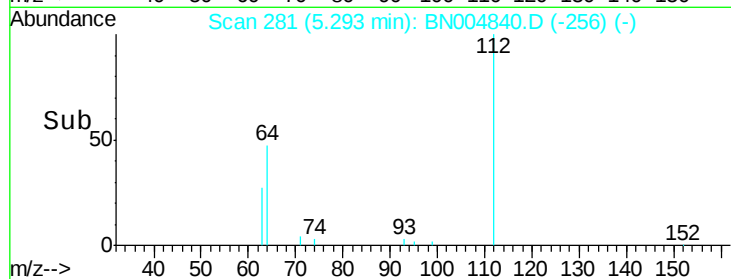
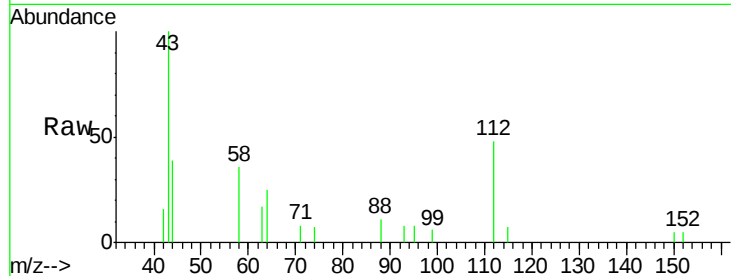
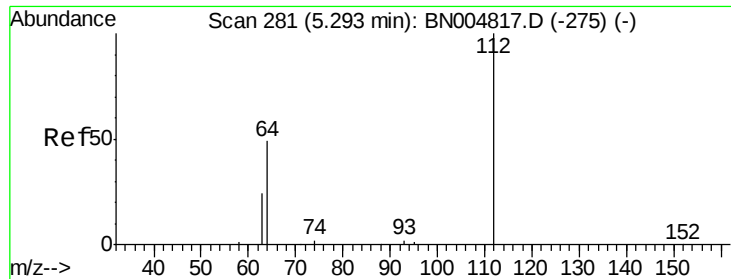


#3

n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.59 min Scan# 70
Delta R.T. 0.02 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 23.3 128.4 192.6#
44 73.3 6.1 9.1#





#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

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

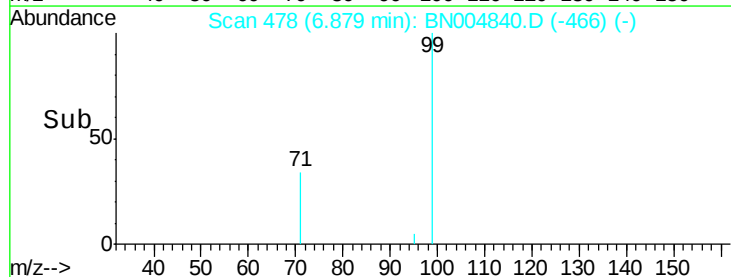
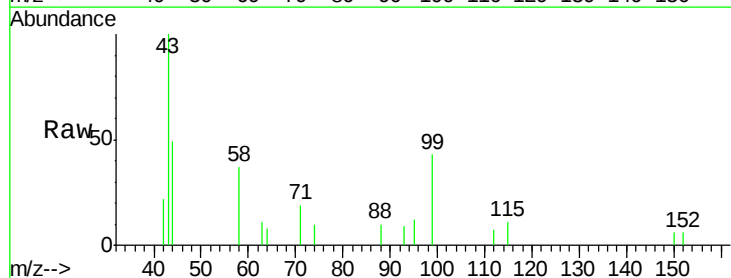
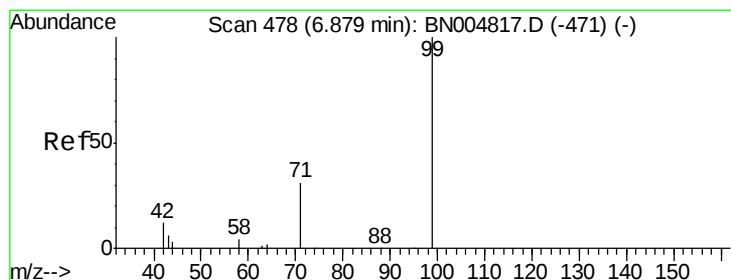
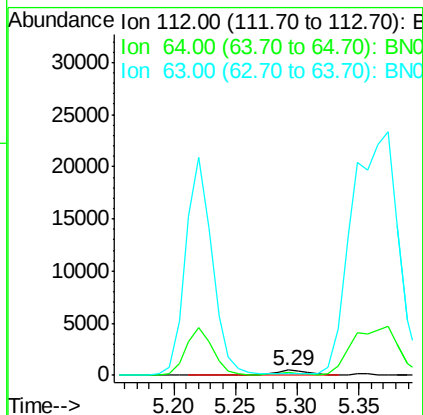
Tot Ion:112 Resp: 771

Ion Ratio Lower Upper

112 100

64 0.0 40.0 60.0#

63 0.0 20.2 30.2#



#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

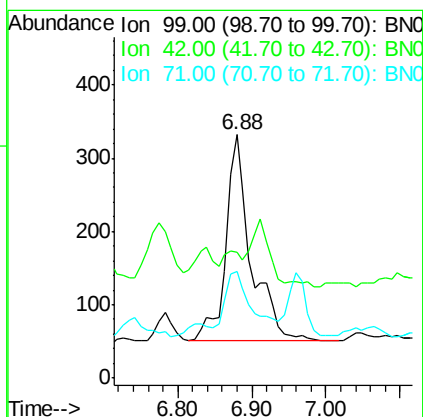
Tgt Ion: 99 Resp: 661

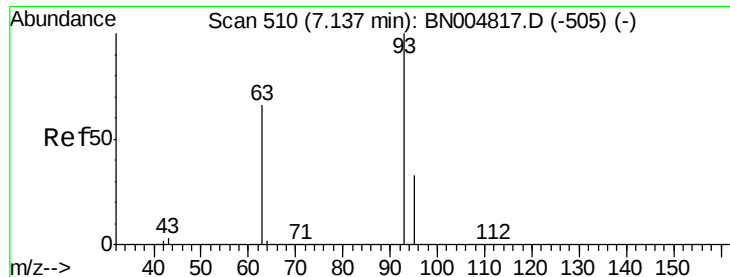
Ion Ratio Lower Upper

99 100

42 9.1 12.7 19.1#

71 34.0 26.6 40.0





#6

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.08 min Scan# 503

Delta R.T. -0.06 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

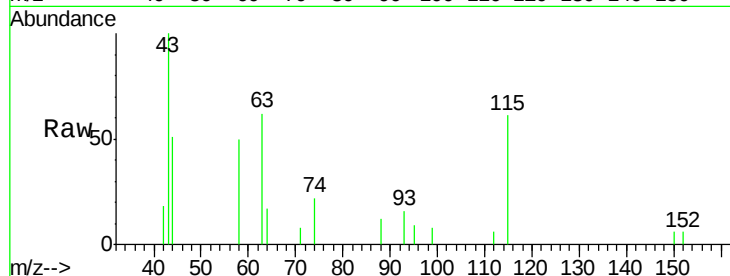
Tot Ion: 93 Resp: 106

Ion Ratio Lower Upper

93 100

63 617.0 52.6 78.8#

95 28.3 25.9 38.9

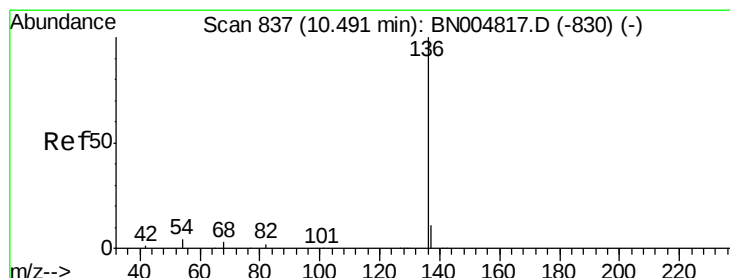
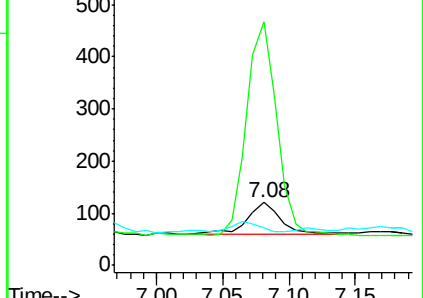
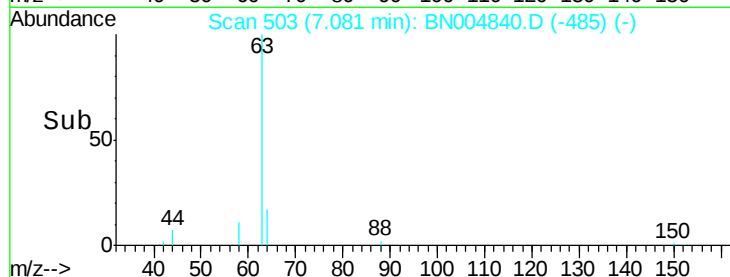


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)

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

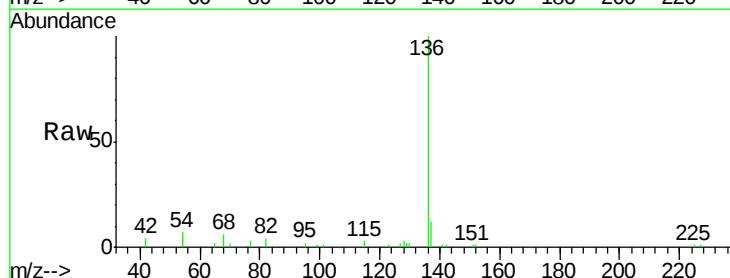
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 7.2 4.2 6.2#

68 6.4 3.9 5.9#



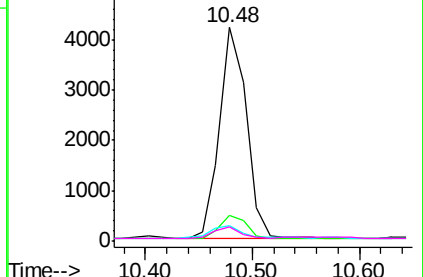
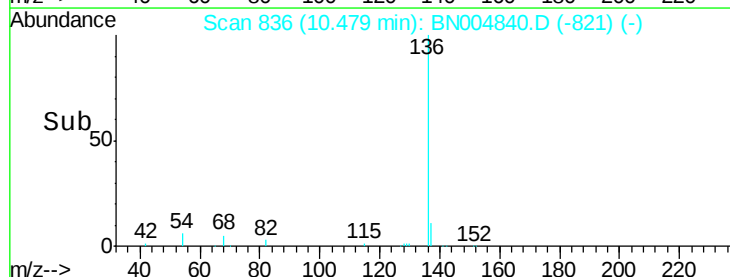
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

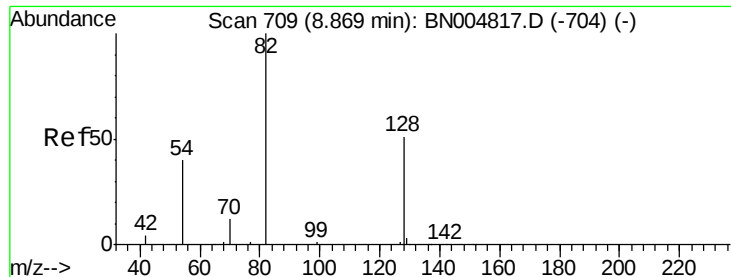
Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

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

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

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

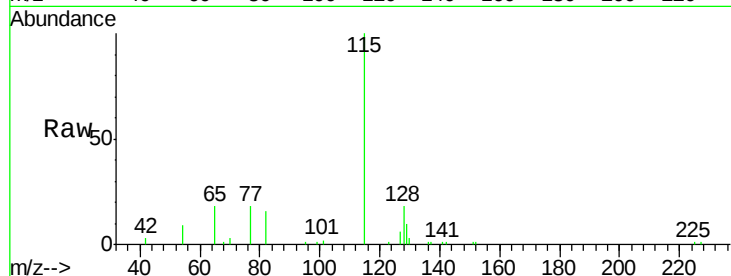
Tot Ion: 82 Resp: 1864

Ion Ratio Lower Upper

82 100

128 110.2 43.0 64.6#

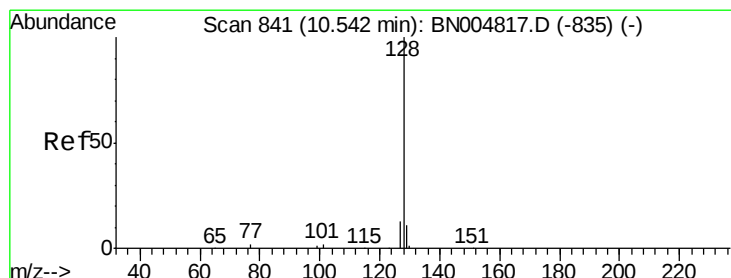
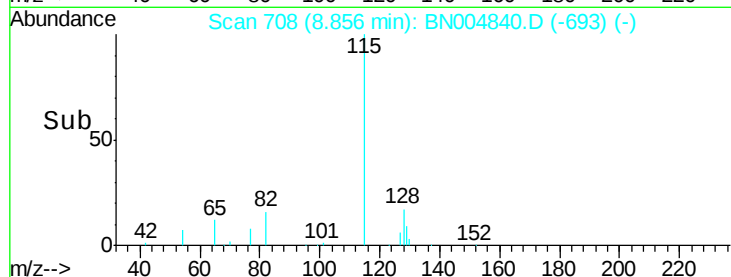
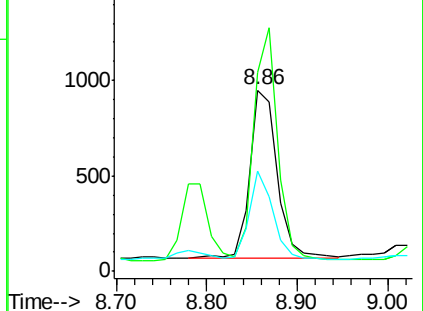
54 55.2 35.3 52.9#



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

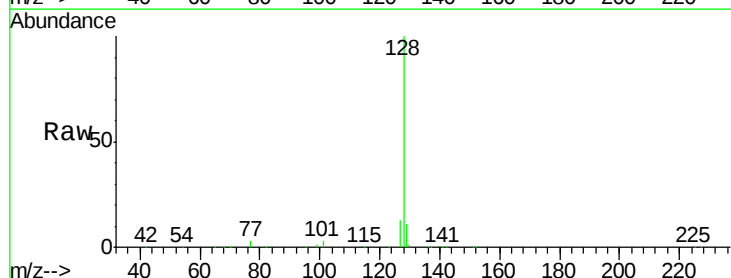
Tgt Ion: 128 Resp: 542769

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

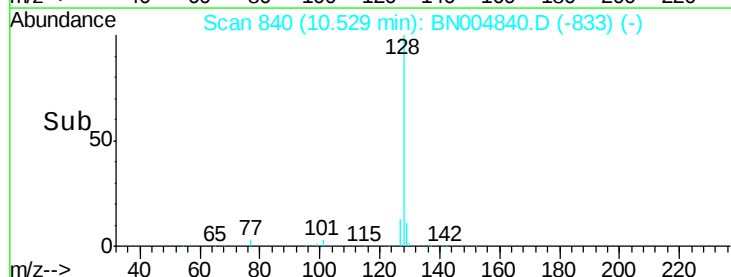
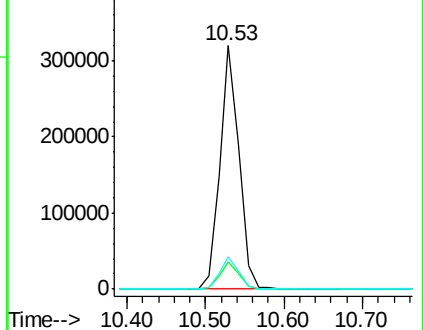
127 13.4 11.3 16.9

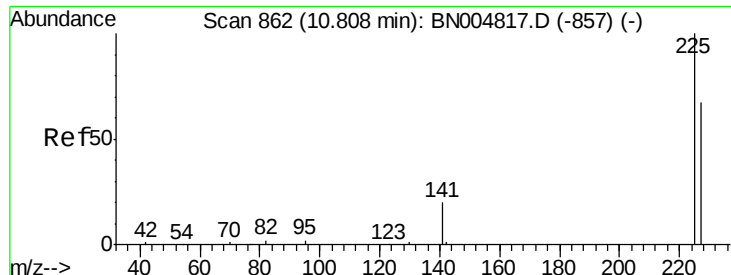


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC

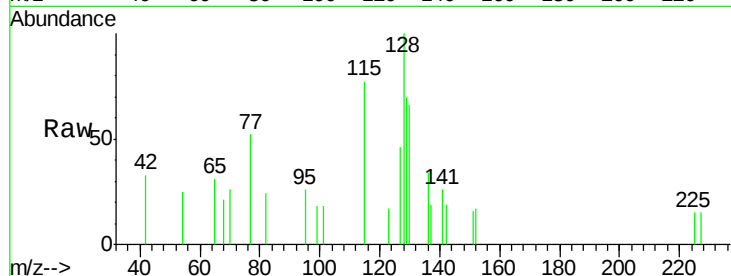




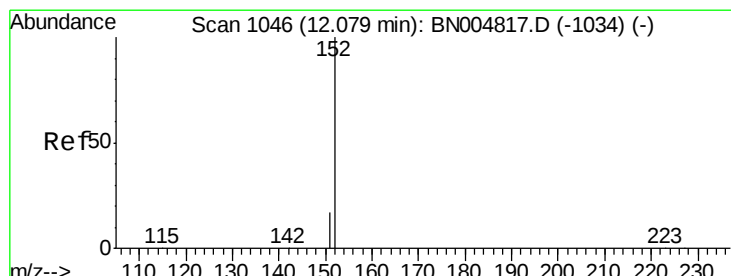
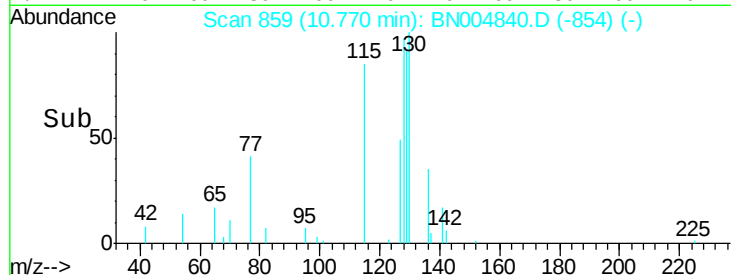
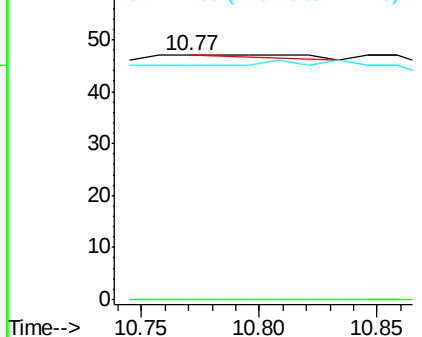
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 859
Delta R.T. -0.04 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

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Tot Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 52.2 78.4#

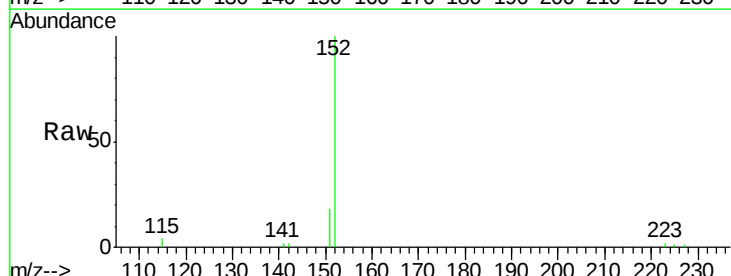


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

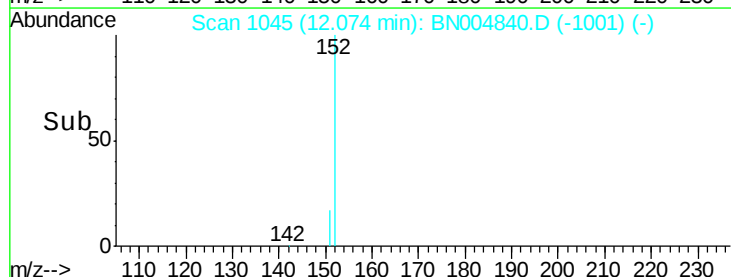
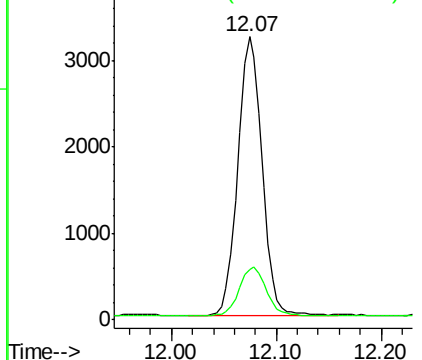


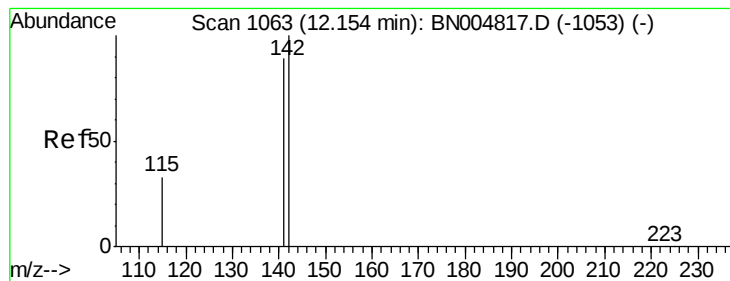
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Tgt Ion:152 Resp: 5141
Ion Ratio Lower Upper
152 100
151 19.5 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: 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

Instrument :

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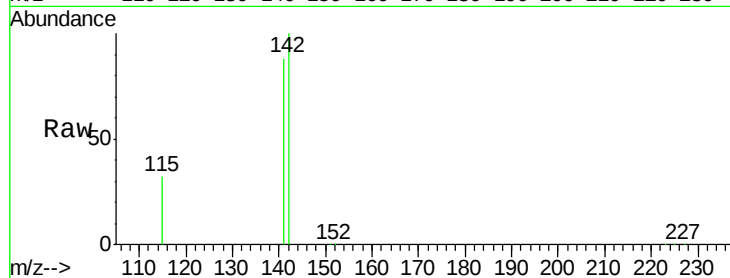
Tot Ion:142 Resp: 123141

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

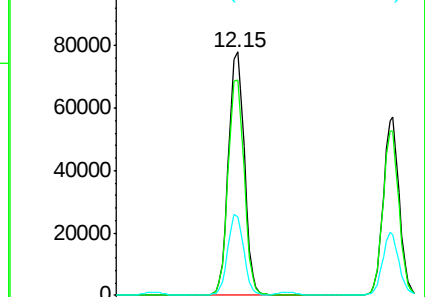
115 32.5 27.5 41.3



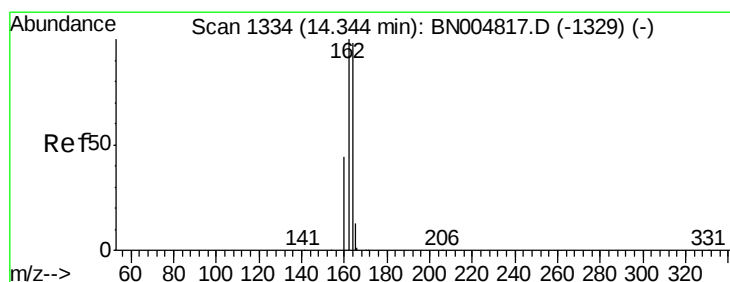
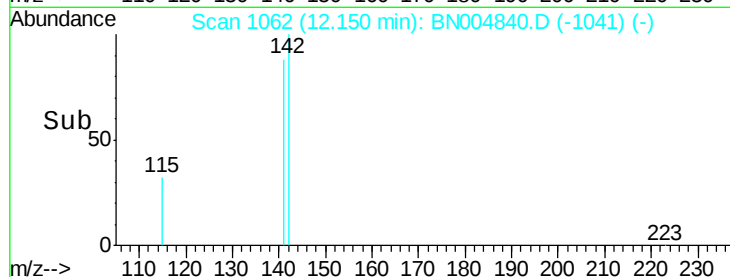
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#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

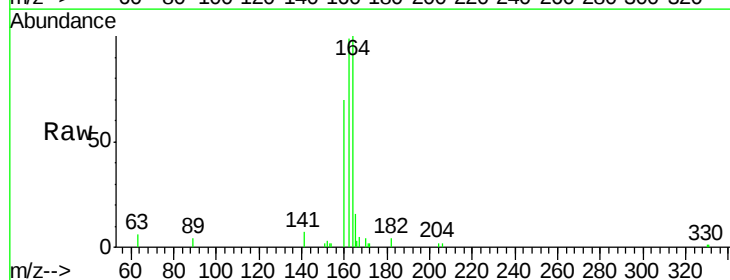
Tgt Ion:164 Resp: 5177

Ion Ratio Lower Upper

164 100

162 99.1 81.9 122.9

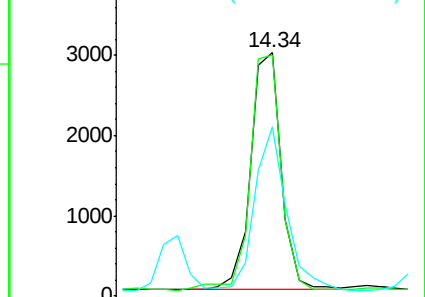
160 69.8 36.6 54.8#



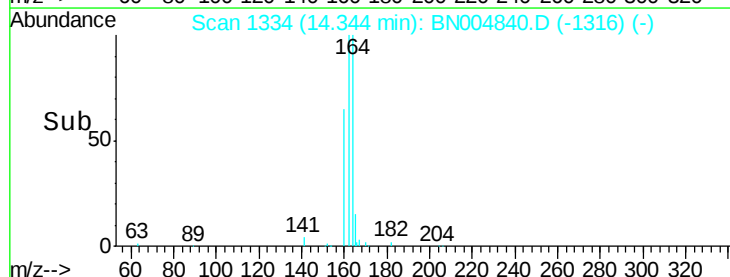
Abundance Ion 164.00 (163.70 to 164.70): E

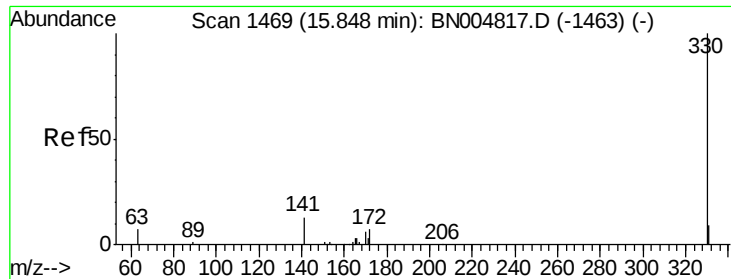
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

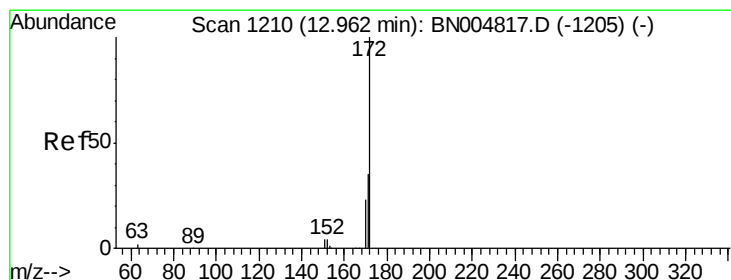
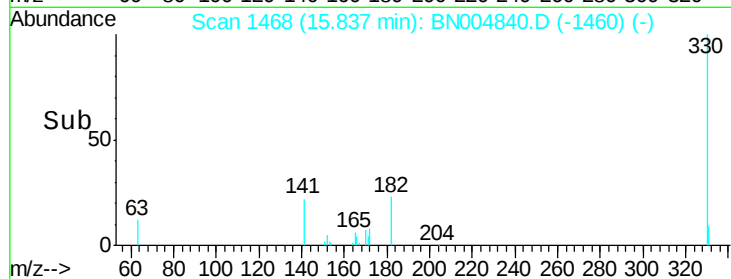
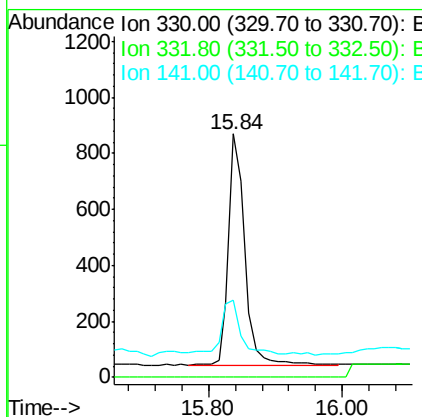
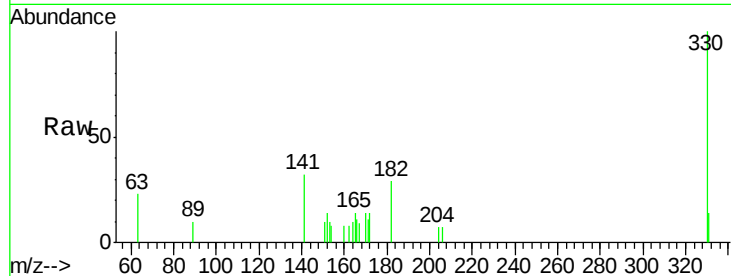




#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.84 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BN004840.D
 Acq: 21 Mar 2019 03:38

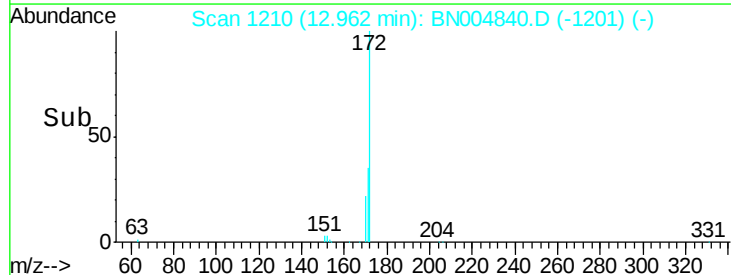
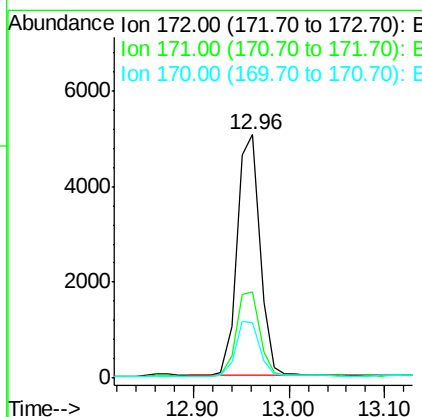
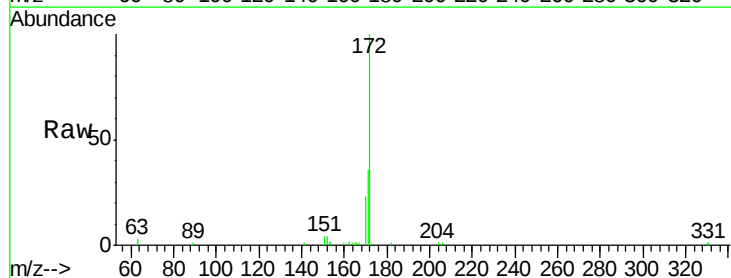
Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-05_030819

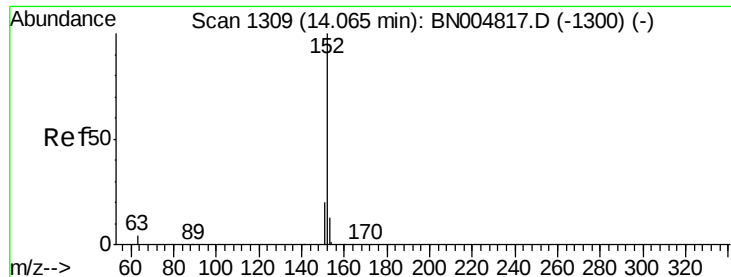
Tot Ion:330 Resp: 1374
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 25.9 20.9 31.3



#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

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





#16

Acenaphthylene

Concen: 0.021 ng

RT: 14.05 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

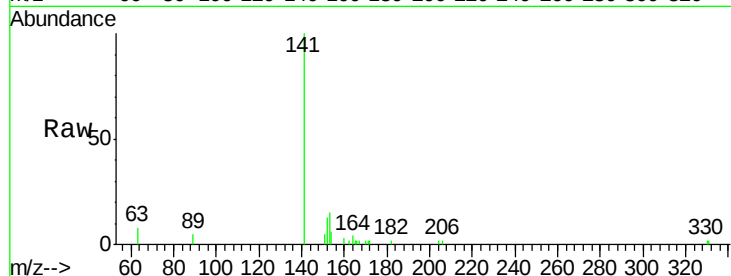
Tot Ion:152 Resp: 571

Ion Ratio Lower Upper

152 100

151 34.9 16.1 24.1#

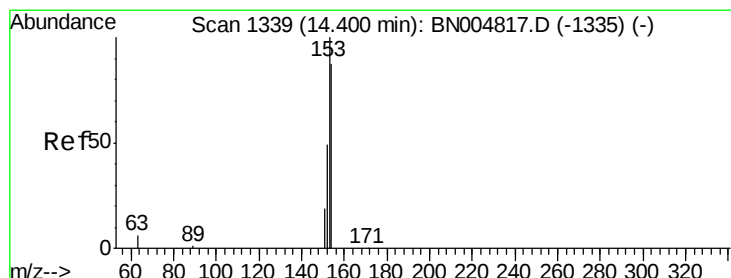
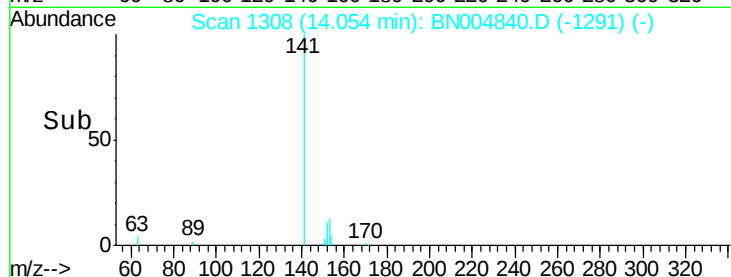
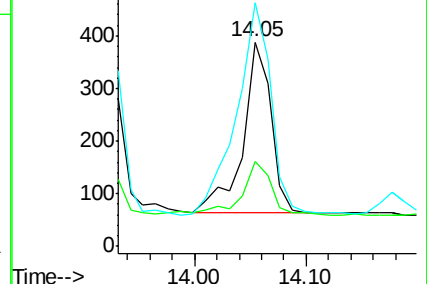
153 152.7 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#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

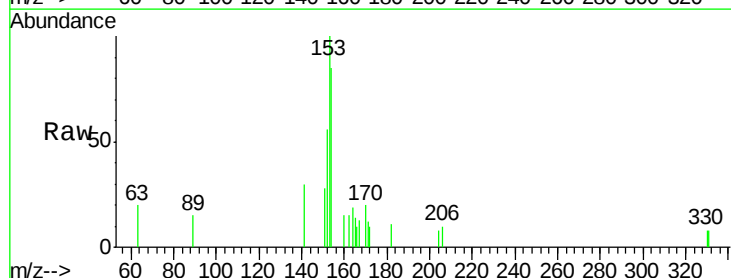
Tgt Ion:154 Resp: 761

Ion Ratio Lower Upper

154 100

153 155.7 91.4 137.2#

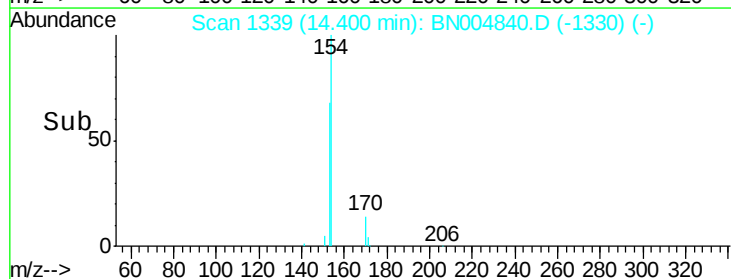
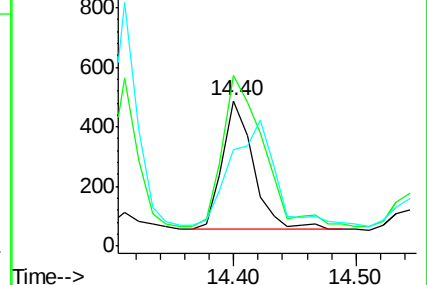
152 0.0 44.2 66.2#

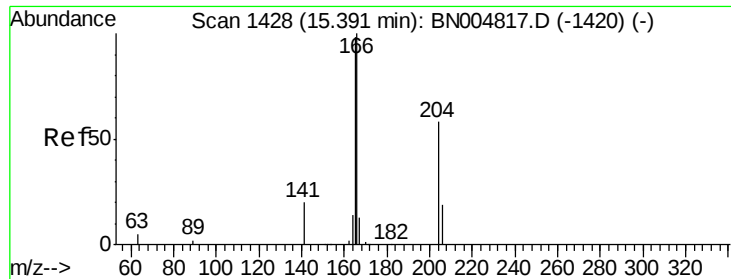


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#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

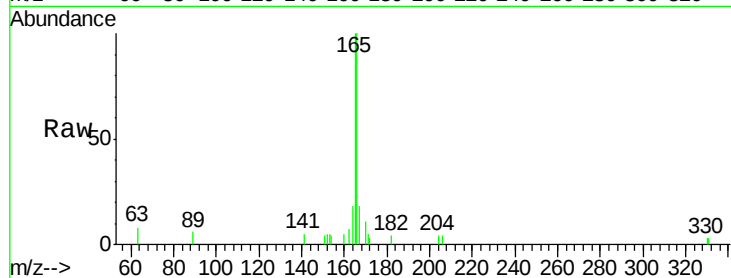
Tot Ion:166 Resp: 2259

Ion Ratio Lower Upper

166 100

165 102.2 78.2 117.4

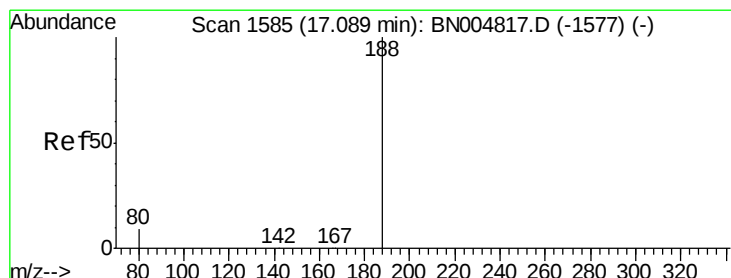
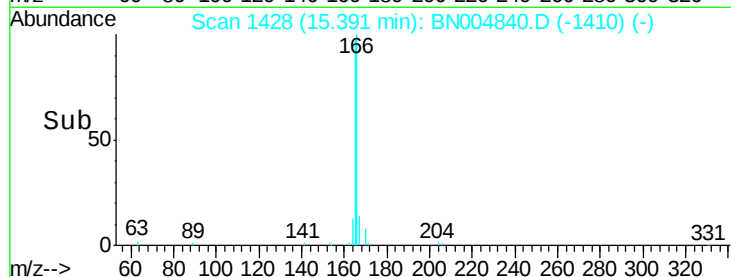
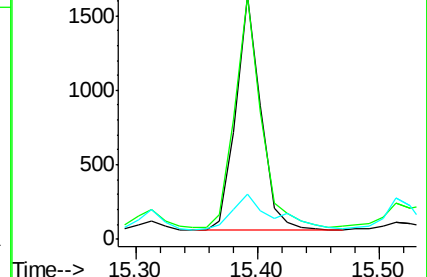
167 24.0 11.0 16.4#



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: BN004840.D

Acq: 21 Mar 2019 03:38

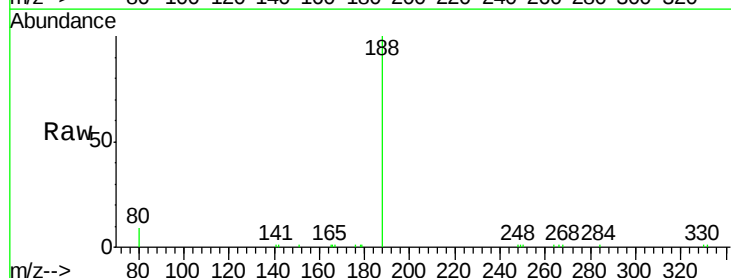
Tgt Ion:188 Resp: 12703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

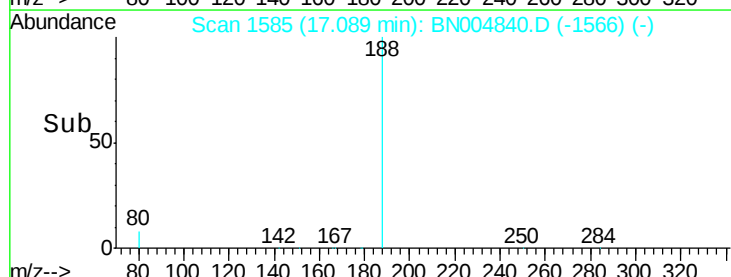
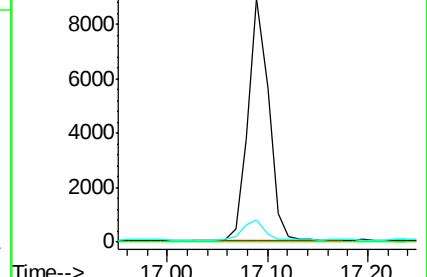
80 8.9 7.4 11.2

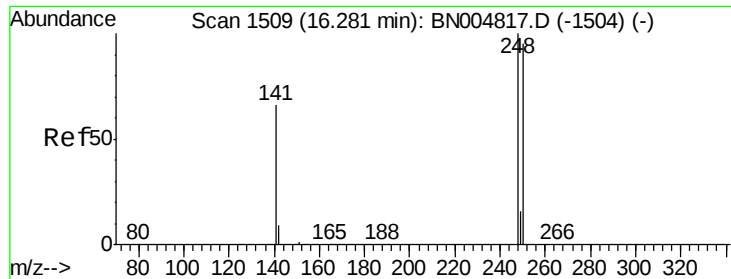


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

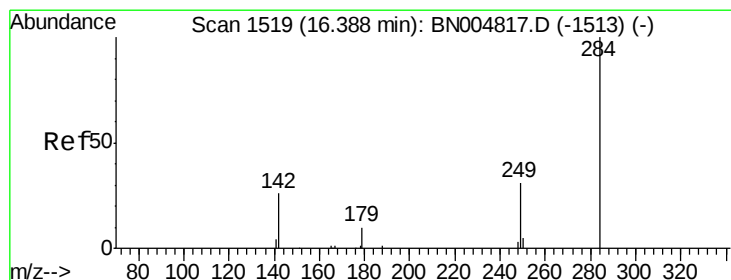
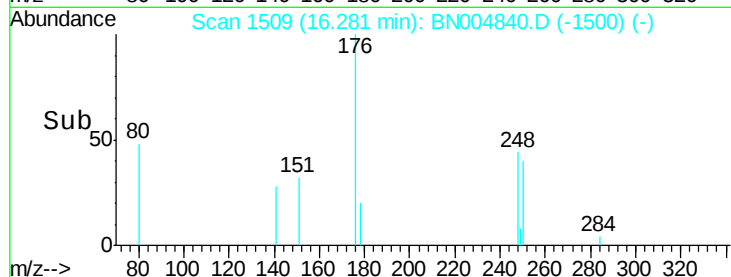
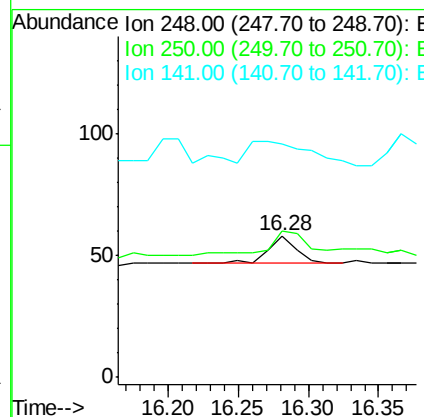
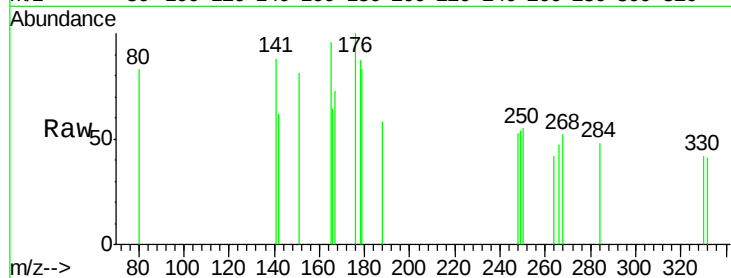




#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.28 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

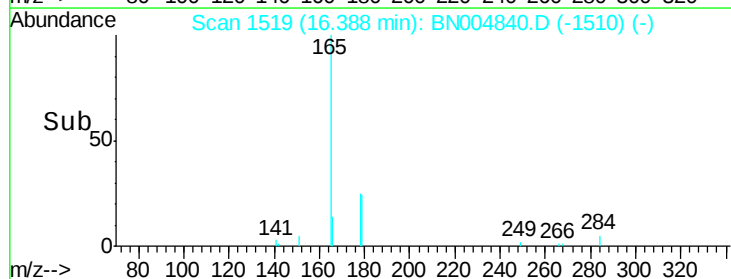
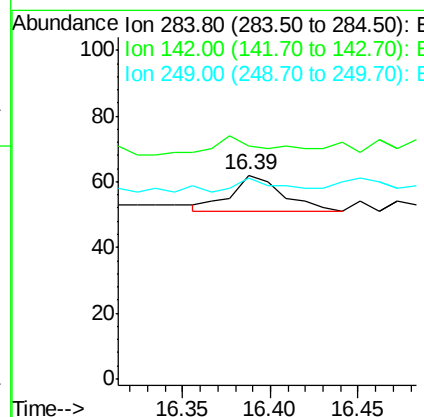
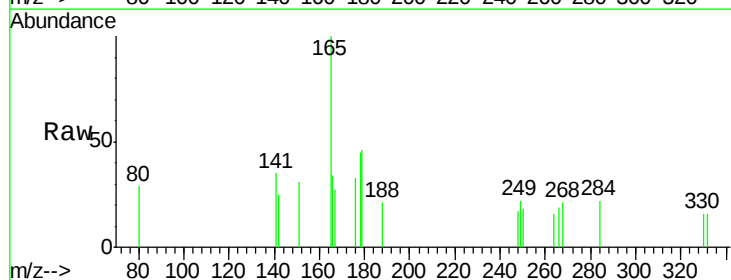
Instrument :
BNA_N
ClientSampleId :
PR-MW-05_030819

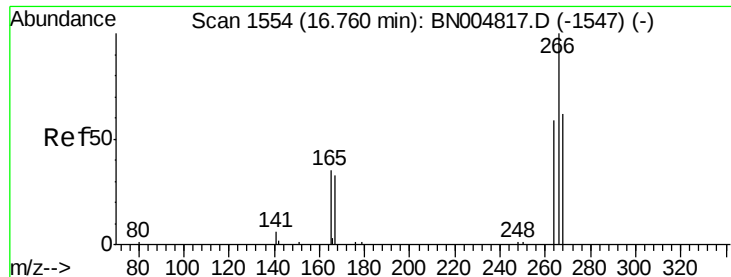
Tot Ion:248 Resp: 15
Ion Ratio Lower Upper
248 100
250 103.4 76.2 114.4
141 165.5 53.9 80.9#



#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.39 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Tgt Ion:284 Resp: 22
Ion Ratio Lower Upper
284 100
142 59.1 22.6 34.0#
249 36.4 22.5 33.7#





#22

Pentachlorophenol

Concen: 0.009 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

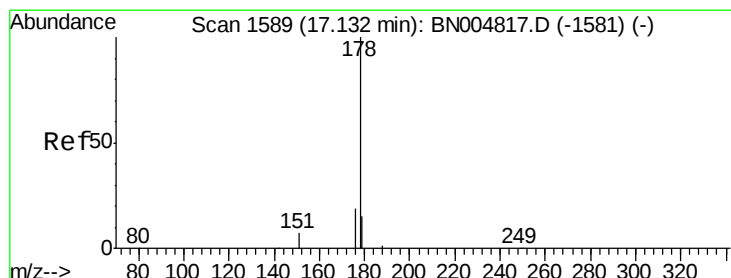
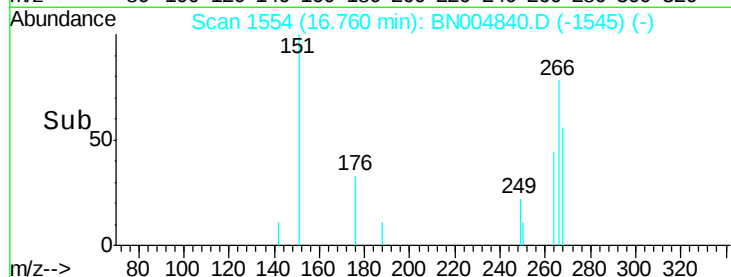
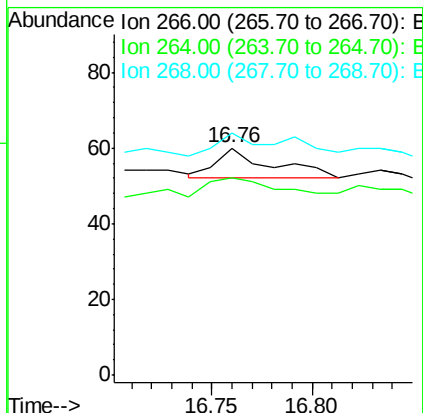
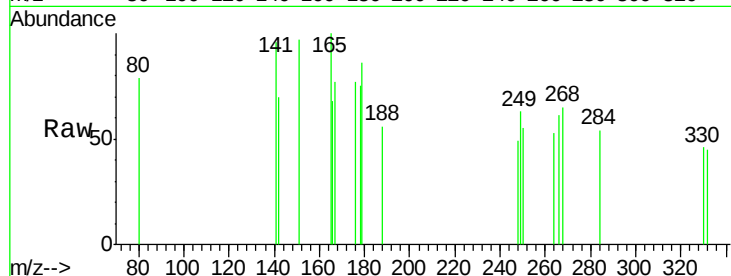
Tot Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 86.7 53.1 79.7#

268 106.7 57.7 86.5#



#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

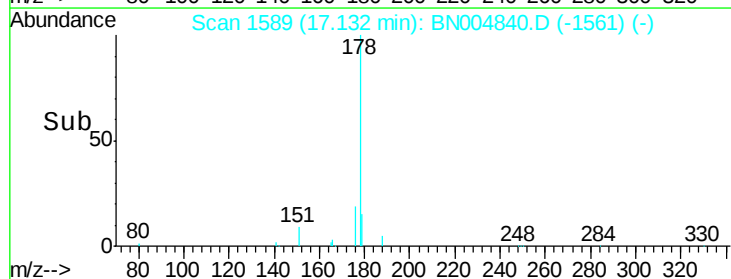
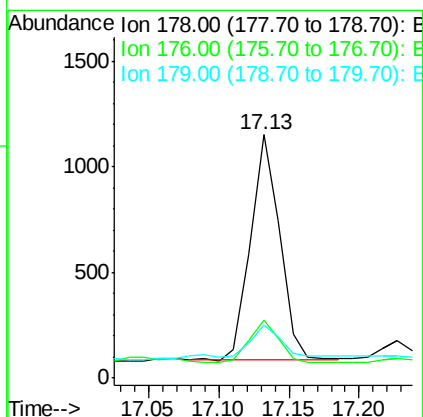
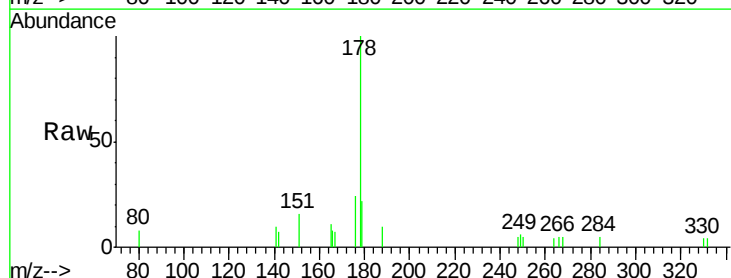
Tgt Ion:178 Resp: 1538

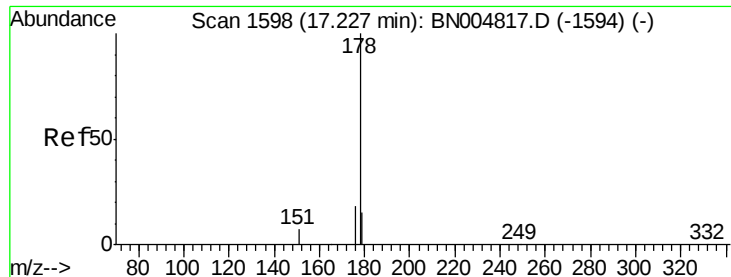
Ion Ratio Lower Upper

178 100

176 20.0 14.9 22.3

179 21.9 12.1 18.1#





#24

Anthracene

Concen: 0.003 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

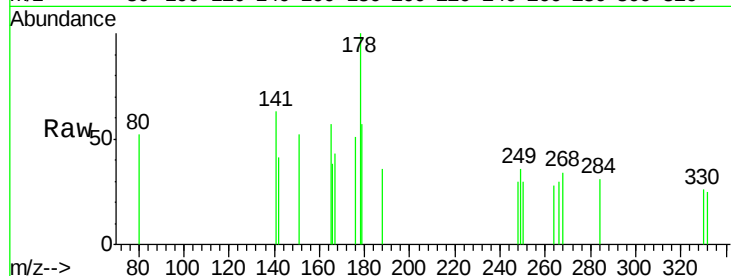
Tot Ion:178 Resp: 123

Ion Ratio Lower Upper

178 100

176 29.3 14.5 21.7#

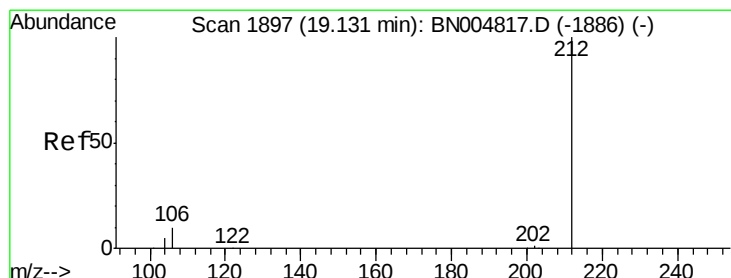
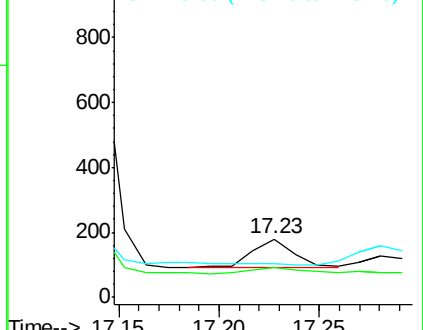
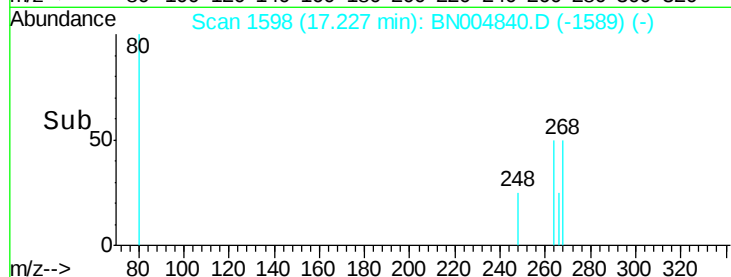
179 0.0 12.2 18.4#



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: 0.437 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

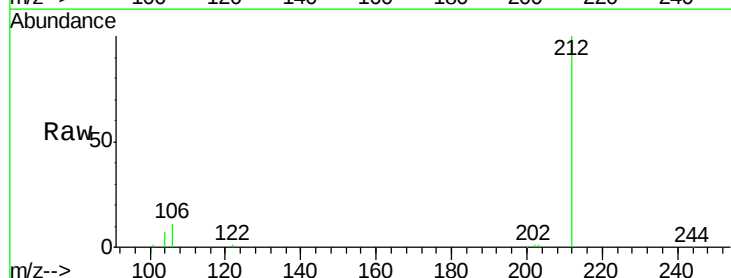
Tgt Ion:212 Resp: 18595

Ion Ratio Lower Upper

212 100

106 10.6 8.6 13.0

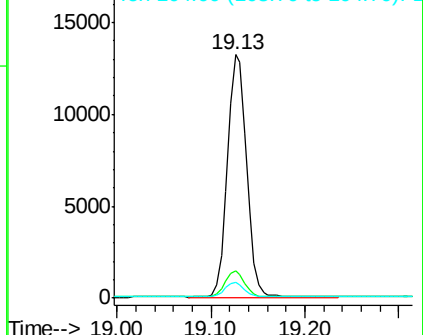
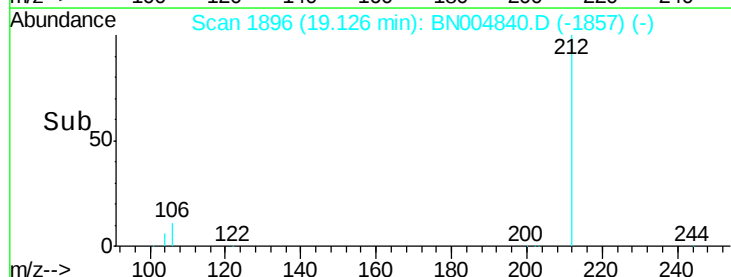
104 6.0 4.7 7.1

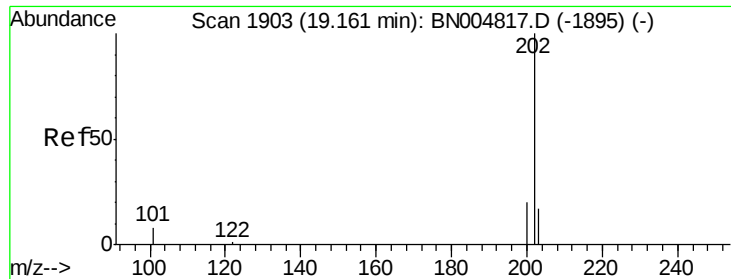


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

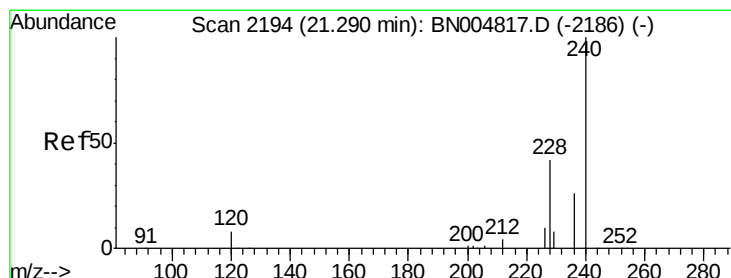
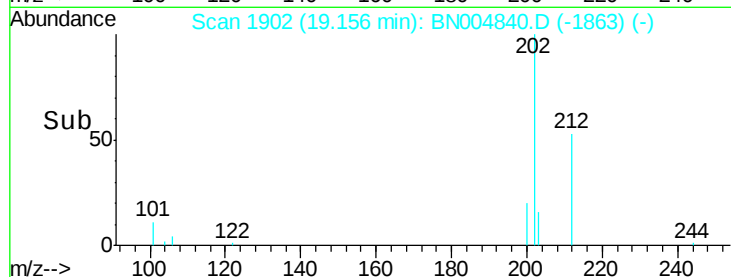
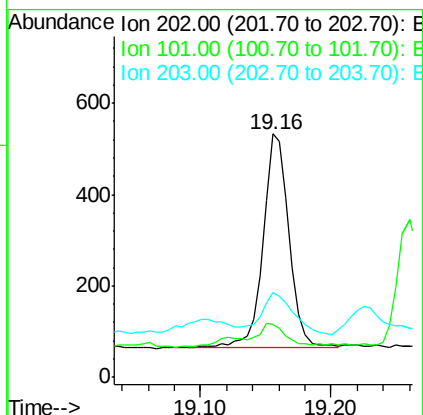
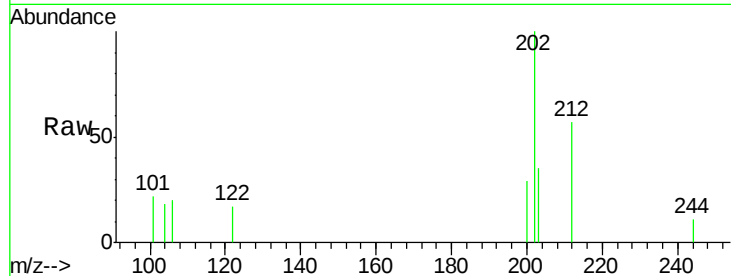




#26
Fluoranthene
Concen: 0.012 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

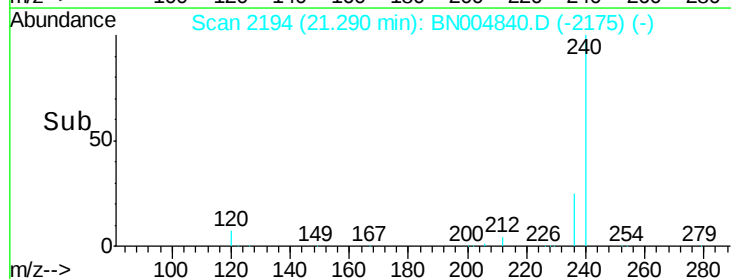
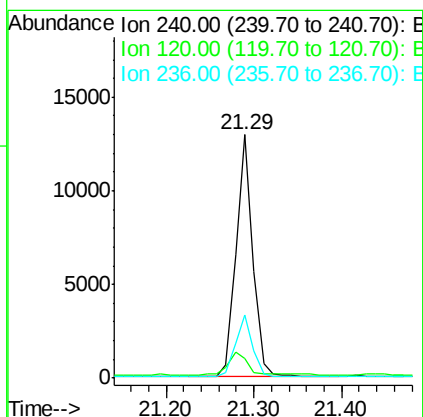
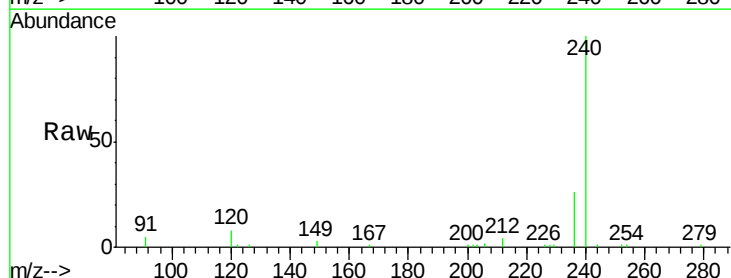
Instrument :
BNA_N
ClientSampleId :
PR-MW-05_030819

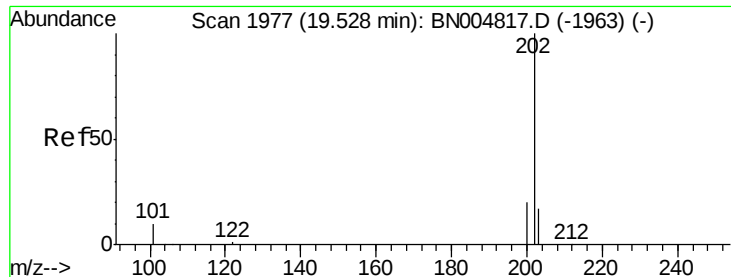
Tot Ion:202 Resp: 655
Ion Ratio Lower Upper
202 100
101 9.3 7.5 11.3
203 23.5 13.8 20.6#



#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

Tgt Ion:240 Resp: 17152
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 25.9 20.9 31.3





#28

Pvrene

Concen: 0.008 ng

RT: 19.53 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

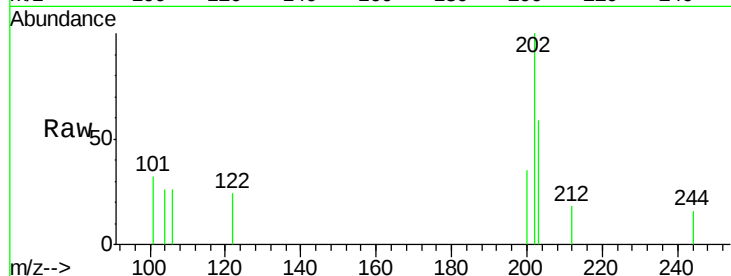
Tot Ion:202 Resp: 437

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

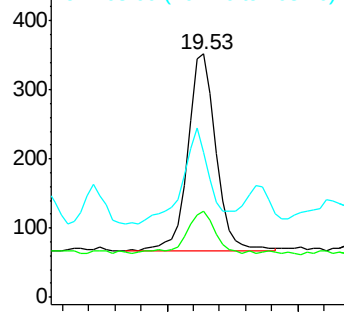
203 46.2 14.0 21.0#



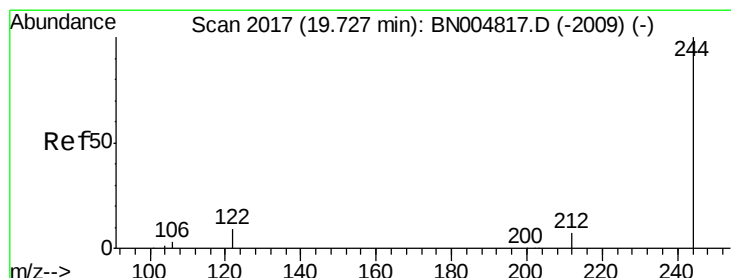
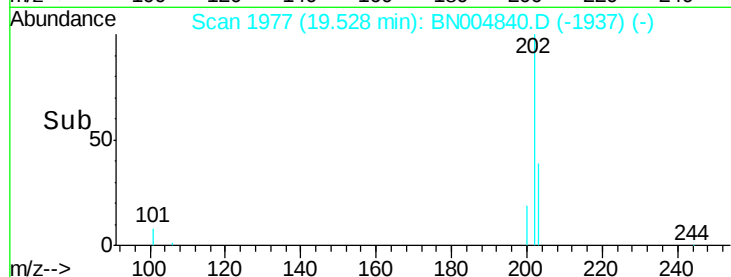
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#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

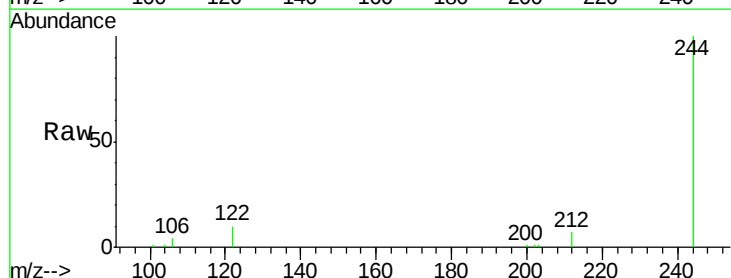
Tgt Ion:244 Resp: 18412

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

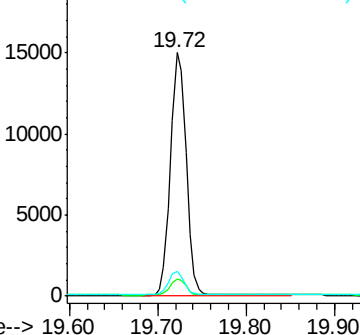
122 10.0 7.9 11.9



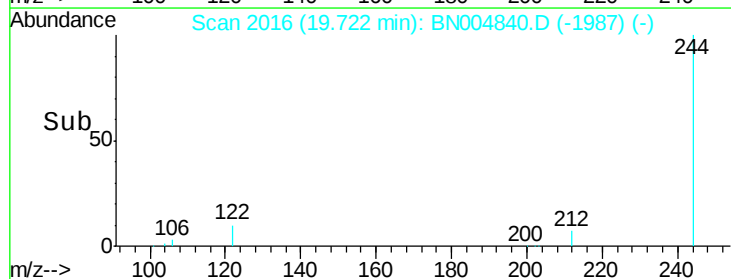
Abundance Ion 244.00 (243.70 to 244.70): E

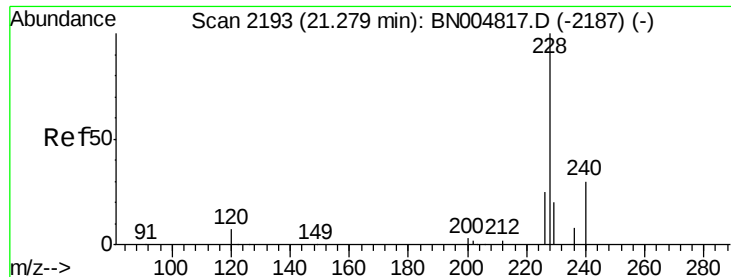
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

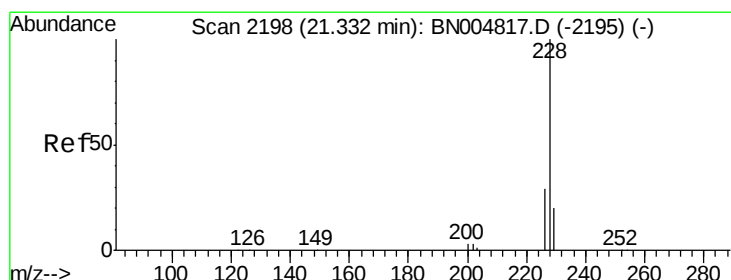
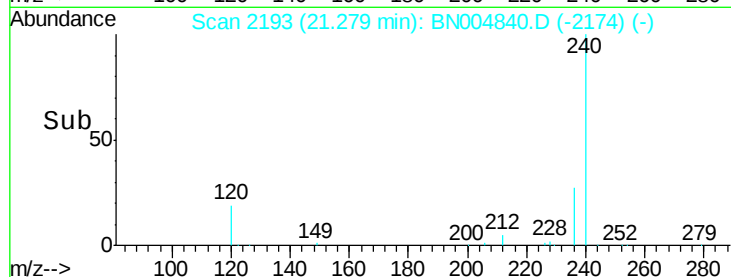
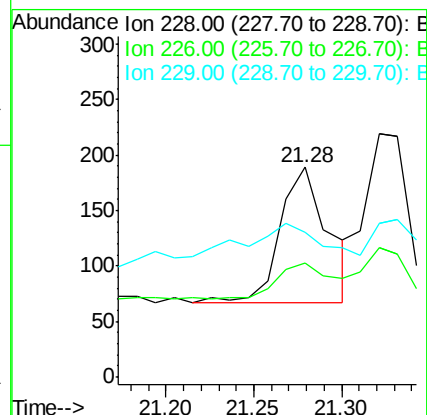
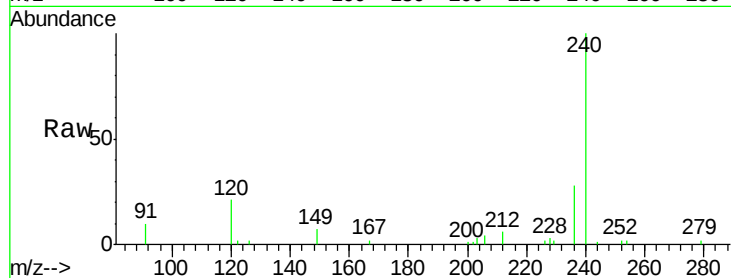
Tot Ion:228 Resp: 235

Ion Ratio Lower Upper

228 100

226 54.5 20.6 31.0#

229 68.8 16.2 24.4#



#31

Chrysene

Concen: 0.004 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

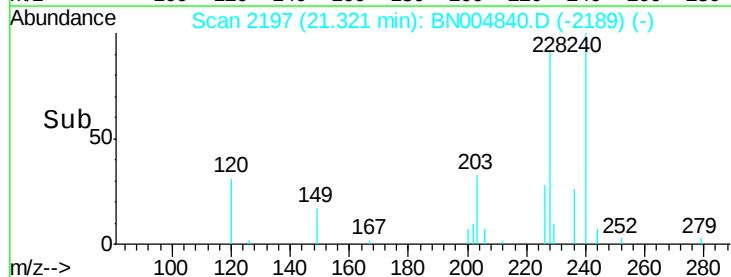
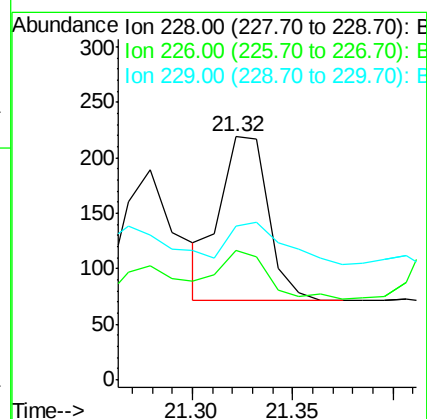
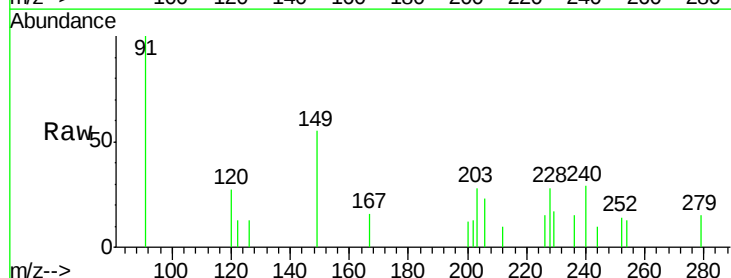
Tgt Ion:228 Resp: 249

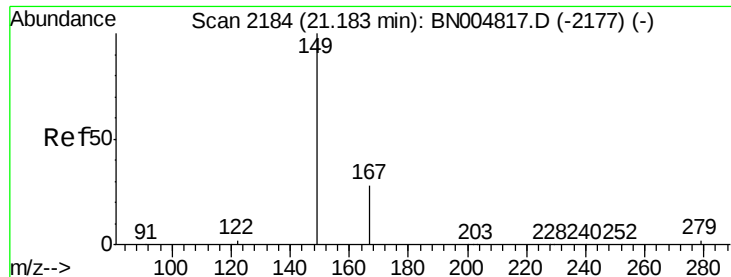
Ion Ratio Lower Upper

228 100

226 53.4 23.0 34.6#

229 63.5 16.2 24.2#

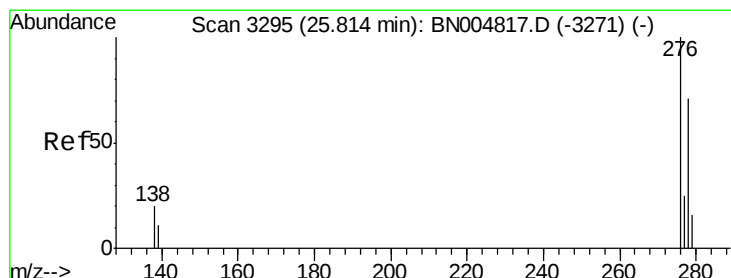
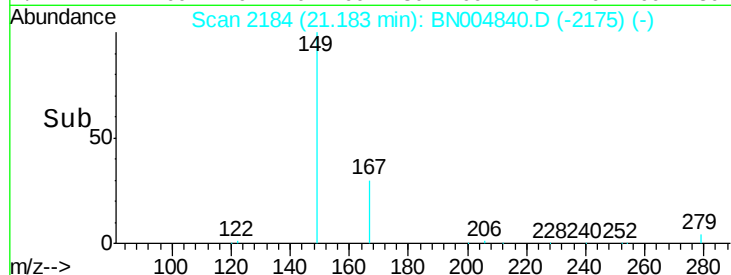
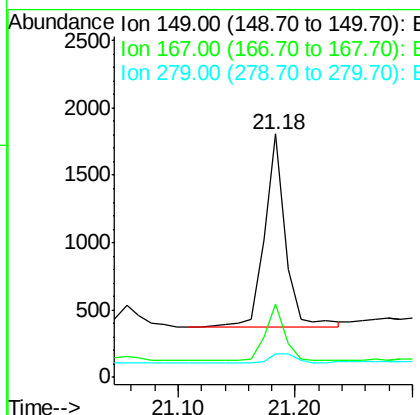
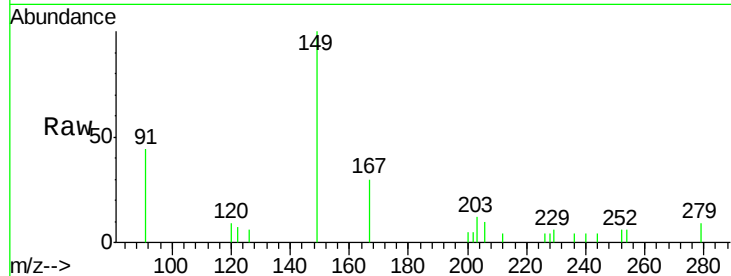




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

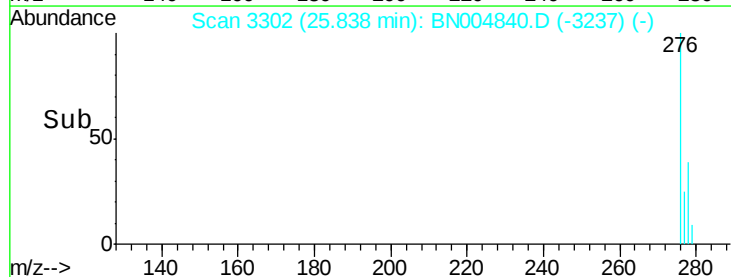
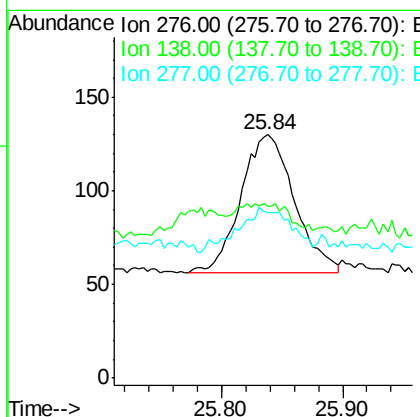
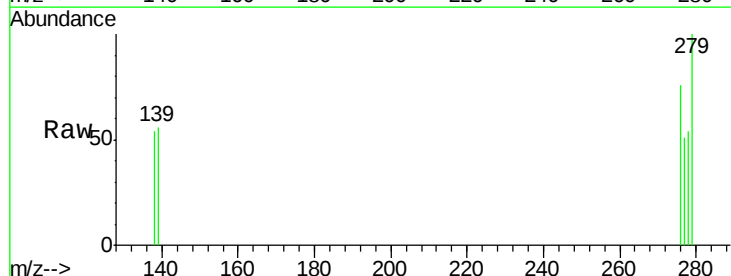
Instrument :
BNA_N
ClientSampleId :
PR-MW-05_030819

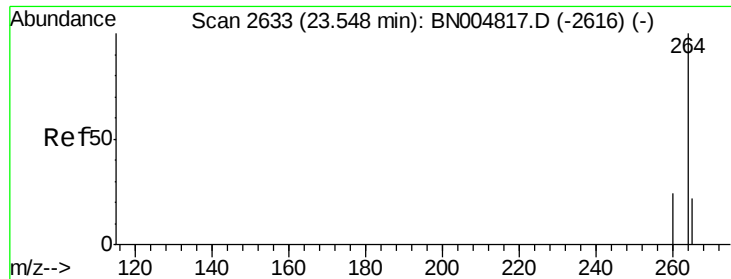
Tot Ion:149 Resp: 1822
Ion Ratio Lower Upper
149 100
167 26.1 23.0 34.4
279 7.3 4.6 6.8#



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 25.84 min Scan# 3302
Delta R.T. 0.02 min
Lab File: BN004840.D
Acq: 21 Mar 2019 03:38

Tgt Ion:276 Resp: 229
Ion Ratio Lower Upper
276 100
138 1.7 16.6 24.8#
277 31.4 20.3 30.5#

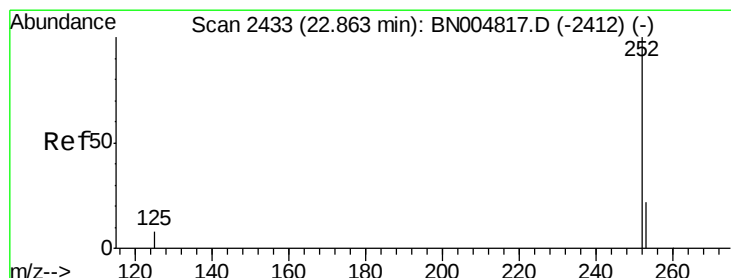
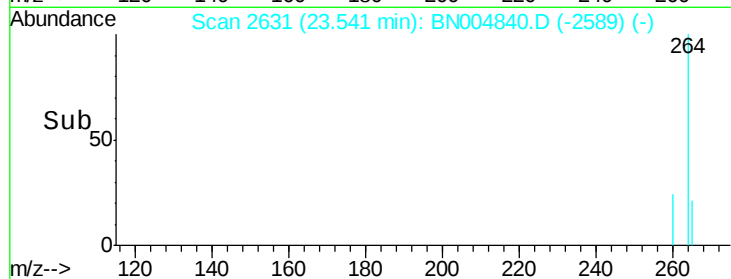
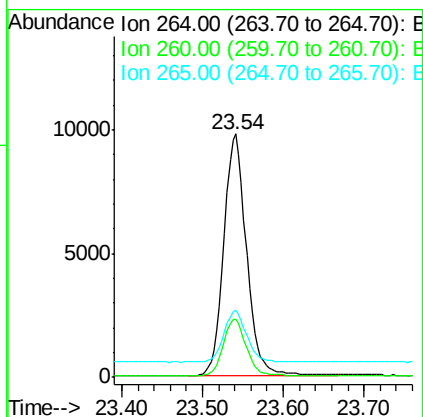
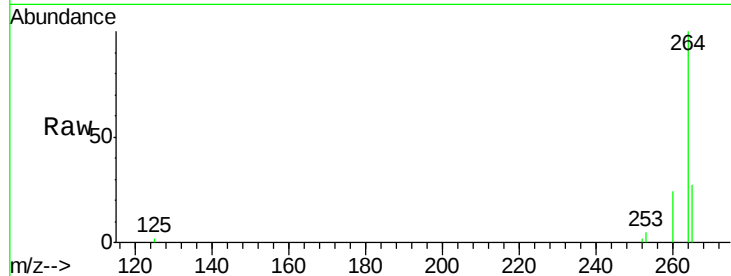




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2631
 Delta R.T. -0.01 min
 Lab File: BN004840.D
 Acq: 21 Mar 2019 03:38

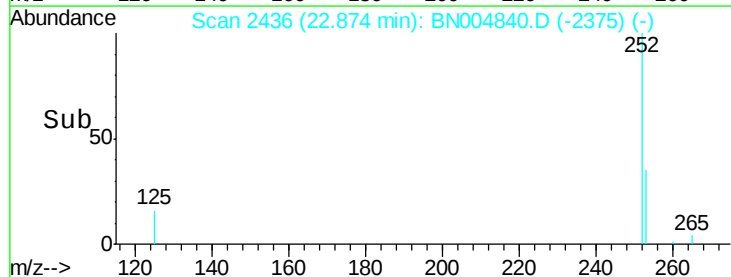
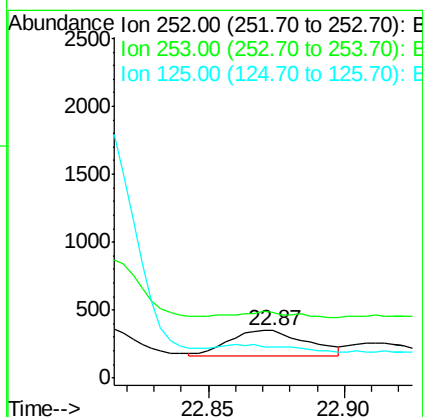
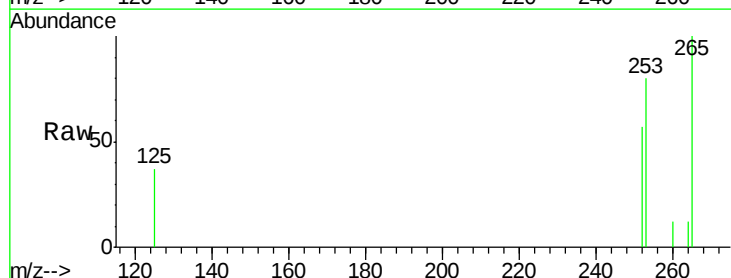
Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-05_030819

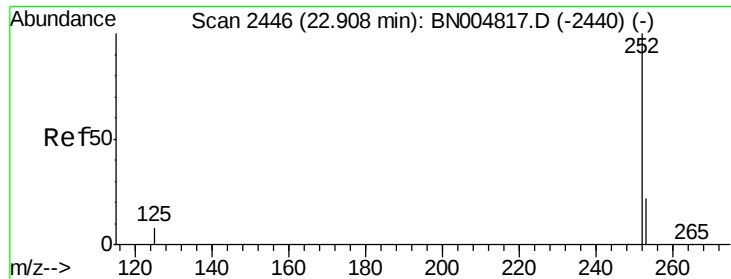
Tot Ion:264 Resp: 19080
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 27.4 23.1 34.7



#35
 Benzo(b)fluoranthene
 Concen: 0.005 ng
 RT: 22.87 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BN004840.D
 Acq: 21 Mar 2019 03:38

Tgt Ion:252 Resp: 371
 Ion Ratio Lower Upper
 252 100
 253 139.8 19.0 28.4#
 125 65.6 7.4 11.2#





#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 22.91 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

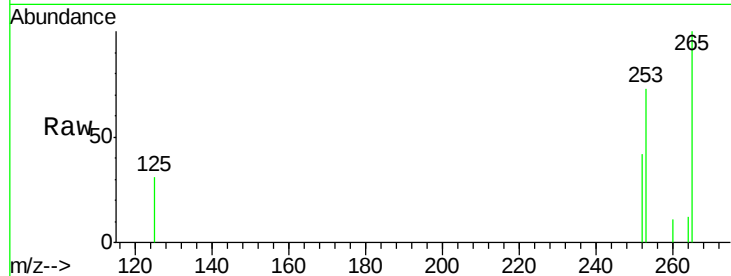
Tot Ion:252 Resp: 151

Ion Ratio Lower Upper

252 100

253 175.1 19.3 28.9#

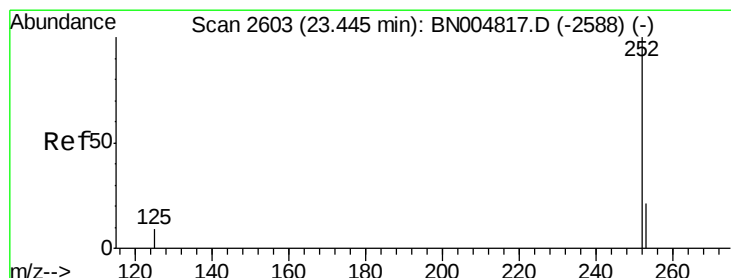
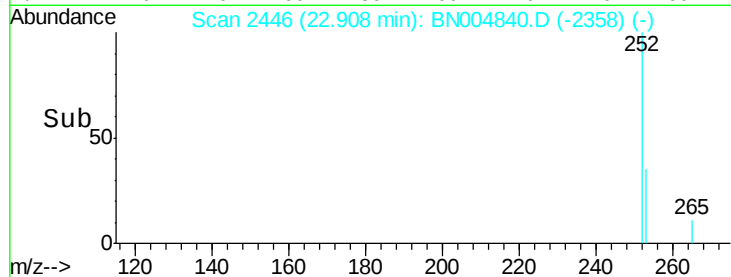
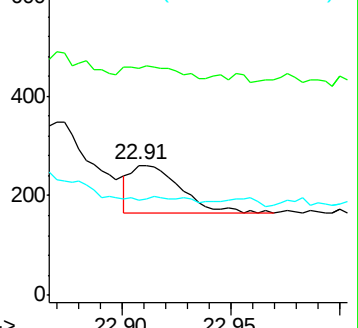
125 73.2 7.4 11.0#



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: 0.003 ng

RT: 23.44 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

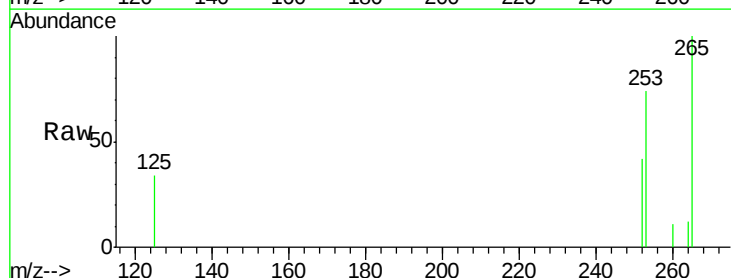
Tgt Ion:252 Resp: 200

Ion Ratio Lower Upper

252 100

253 176.2 19.7 29.5#

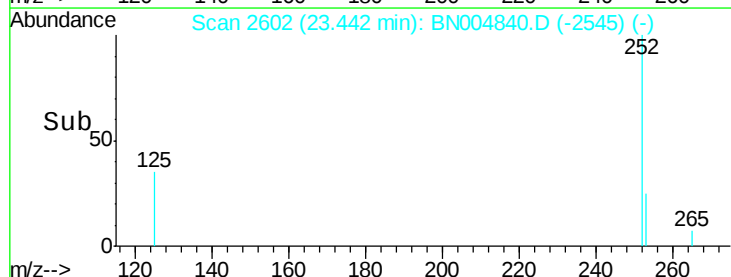
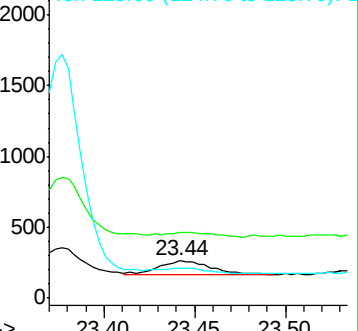
125 81.2 8.3 12.5#

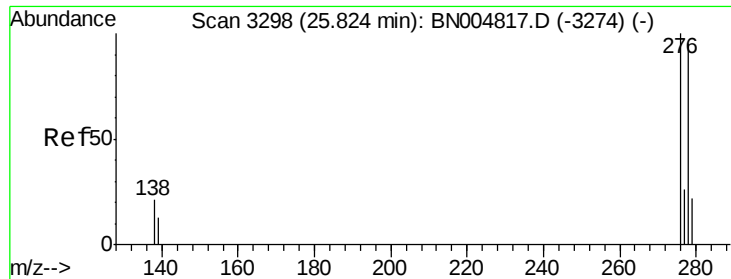


Abundance Ion 252.00 (251.70 to 252.70): E

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: 25.84 min Scan# 3302

Delta R.T. 0.01 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PR-MW-05_030819

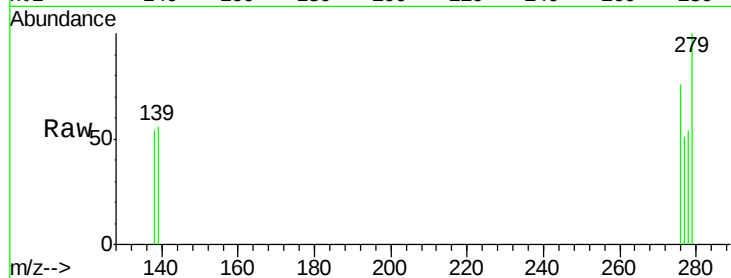
Tot Ion:278 Resp: 57

Ion Ratio Lower Upper

278 100

139 104.3 11.7 17.5#

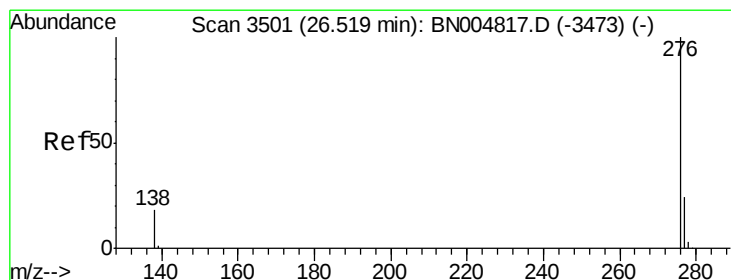
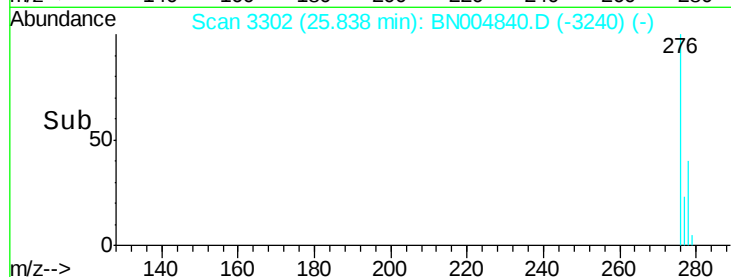
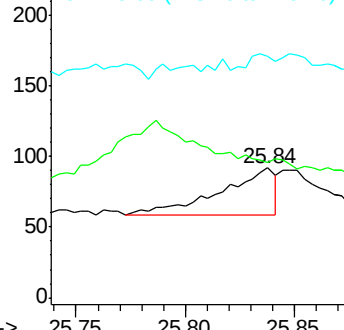
279 185.9 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 26.54 min Scan# 3507

Delta R.T. 0.02 min

Lab File: BN004840.D

Acq: 21 Mar 2019 03:38

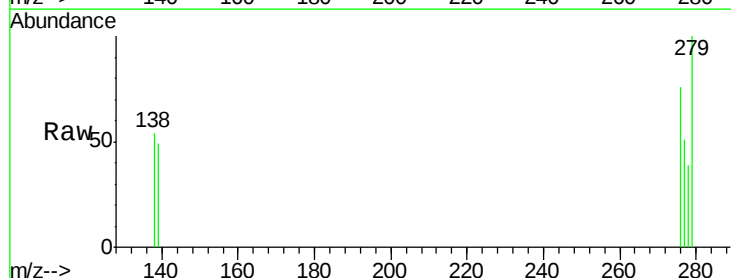
Tgt Ion:276 Resp: 245

Ion Ratio Lower Upper

276 100

277 66.7 19.7 29.5#

138 71.4 14.6 22.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

