

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004834.D
 Acq On : 21 Mar 2019 00:04
 Operator : JU/SJ
 Sample : K1842-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-05_030719

Quant Time: Mar 21 08:49:21 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	7.71	152	1547	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6889	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4329	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	11462	0.40	ng	0.01
27) Chrysene-d12	21.29	240	15975	0.40	ng	0.00
34) Perylene-d12	23.54	264	17816	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	770	0.18	ng	0.00
5) Phenol-d6	6.88	99	623	0.12	ng	0.00
8) Nitrobenzene-d5	8.87	82	1587	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4776	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1099	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7590	0.42	ng	0.00
25) Fluoranthene-d10	19.13	212	16726	0.44	ng	0.00
29) Terphenyl-d14	19.72	244	18242	0.56	ng	0.00

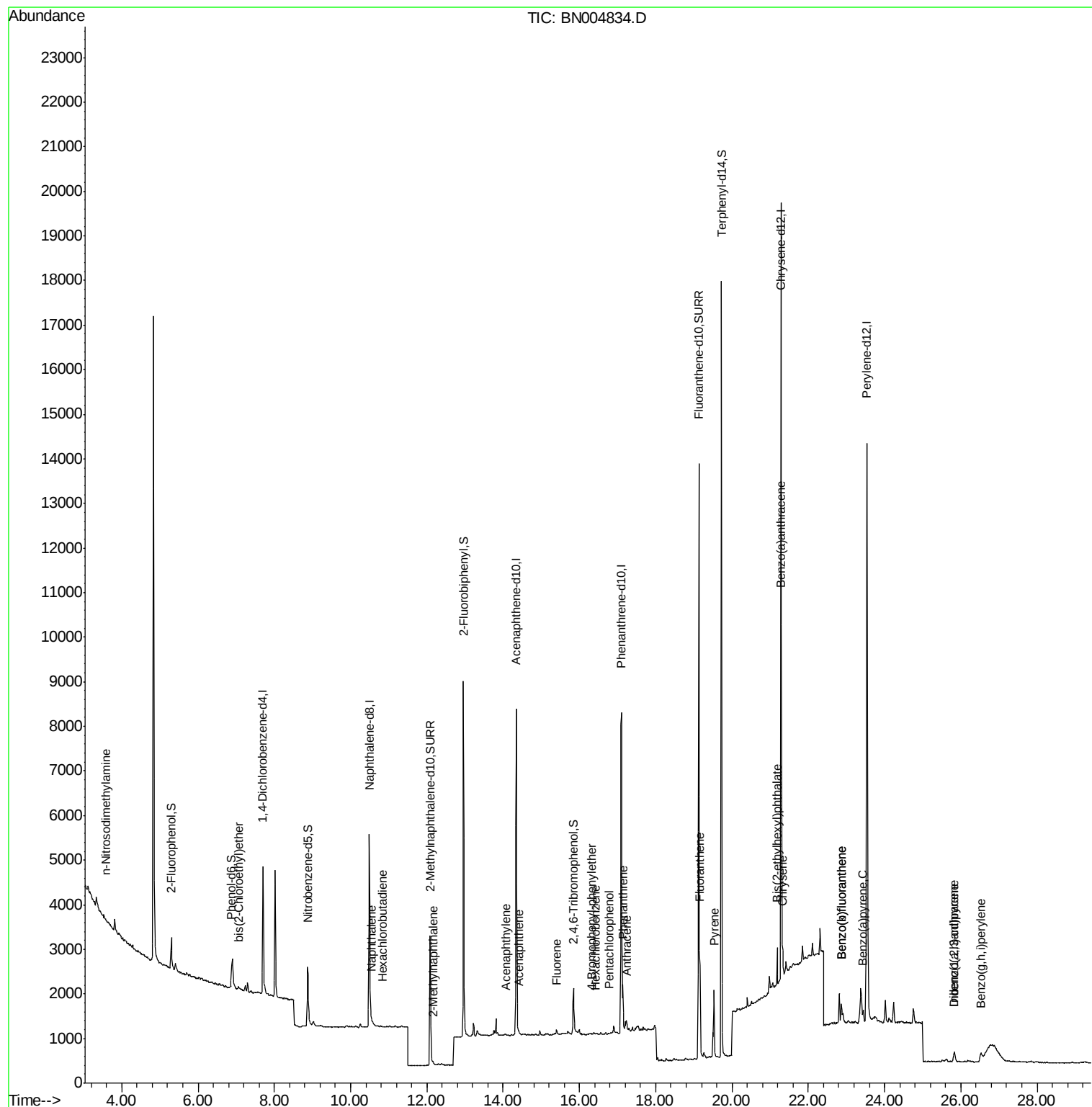
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.58	42	37	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.06	93	84	0.018	ng	# 40
9) Naphthalene	10.54	128	81	0.004	ng	# 1
10) Hexachlorobutadiene	10.83	225	1	0.000	ng	# 56
12) 2-Methylnaphthalene	12.16	142	30	0.002	ng	# 59
16) Acenaphthylene	14.07	152	31	0.001	ng	# 72
17) Acenaphthene	14.41	154	37	0.003	ng	# 84
18) Fluorene	15.40	166	76	0.004	ng	# 91
20) 4-Bromophenyl-phenylether	16.32	248	1	0.000	ng	# 64
21) Hexachlorobenzene	16.41	284	6	0.001	ng	# 47
22) Pentachlorophenol	16.78	266	8	0.005	ng	# 69
23) Phenanthrene	17.14	178	1142	0.031	ng	# 96
24) Anthracene	17.24	178	264	0.008	ng	# 88
26) Fluoranthene	19.16	202	2119	0.045	ng	97
28) Pyrene	19.53	202	1420	0.029	ng	97
30) Benzo(a)anthracene	21.28	228	394	0.008	ng	# 58
31) Chrysene	21.33	228	535	0.010	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.18	149	812	0.039	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.83	276	381	0.005	ng	# 86
35) Benzo(b)fluoranthene	22.87	252	633	0.010	ng	# 1
36) Benzo(k)fluoranthene	22.87	252	633	0.010	ng	# 1
37) Benzo(a)pyrene	23.45	252	360	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	25.83	278	144	0.002	ng	# 1
39) Benzo(g,h,i)perylene	26.52	276	413	0.006	ng	# 30

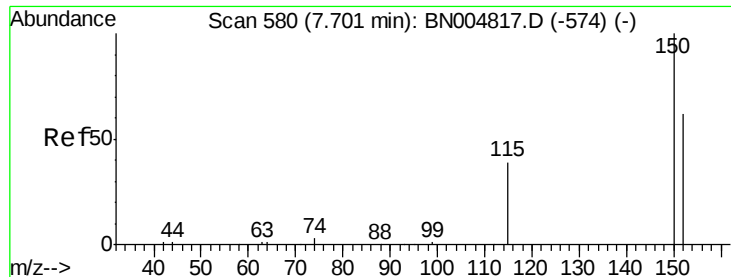
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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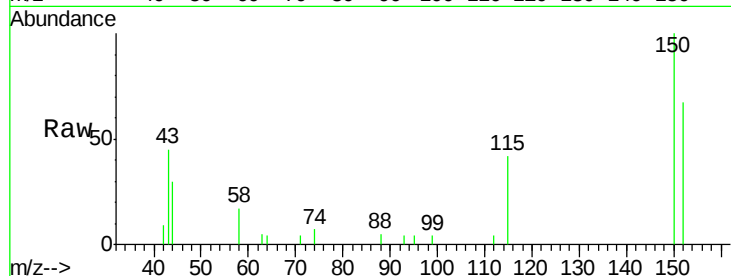


#1

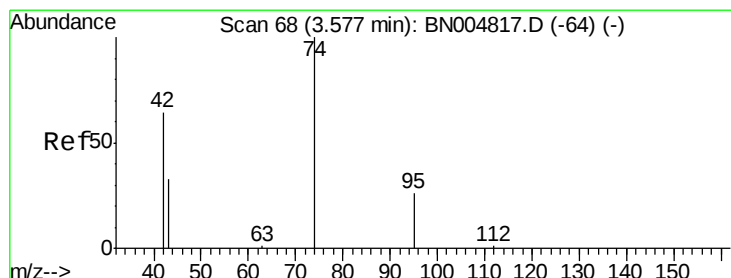
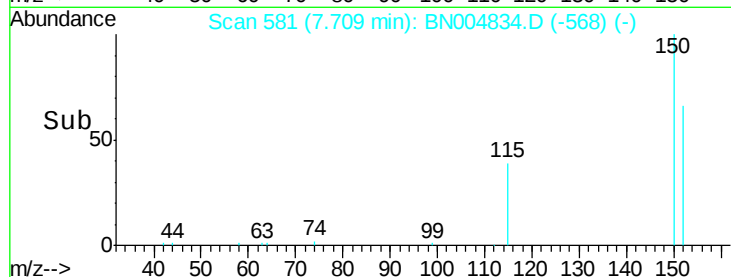
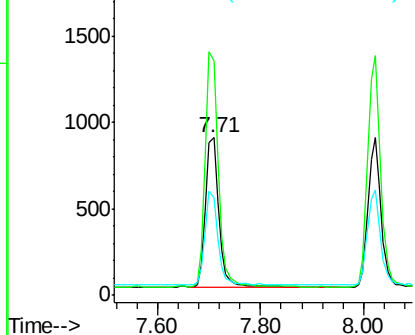
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

Tot Ion:152 Resp: 1547
Ion Ratio Lower Upper
152 100
150 149.0 126.2 189.4
115 62.3 52.6 79.0



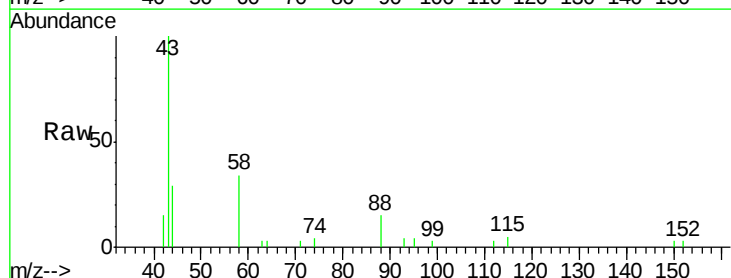
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



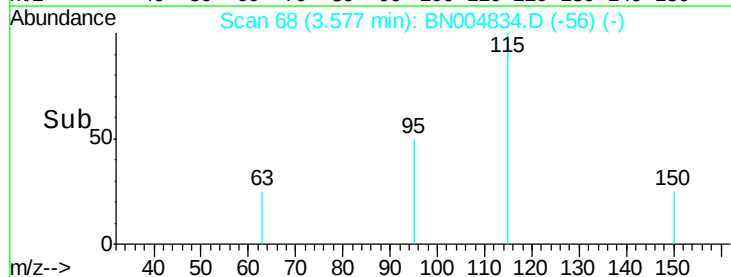
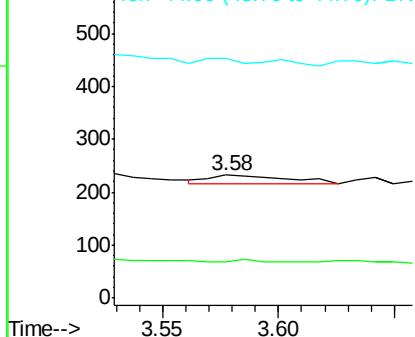
#3

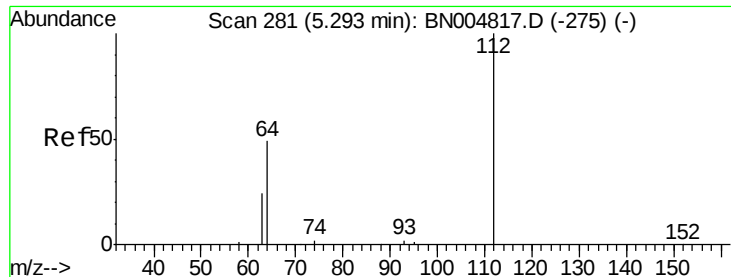
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.58 min Scan# 68
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion: 42 Resp: 37
Ion Ratio Lower Upper
42 100
74 5.4 128.4 192.6#
44 27.0 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: 0.183 ng

RT: 5.30 min Scan# 282

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

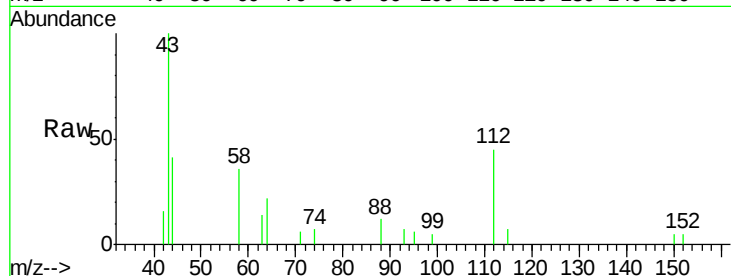
Tot Ion:112 Resp: 770

Ion Ratio Lower Upper

112 100

64 49.0 40.0 60.0

63 25.8 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.30

400

300

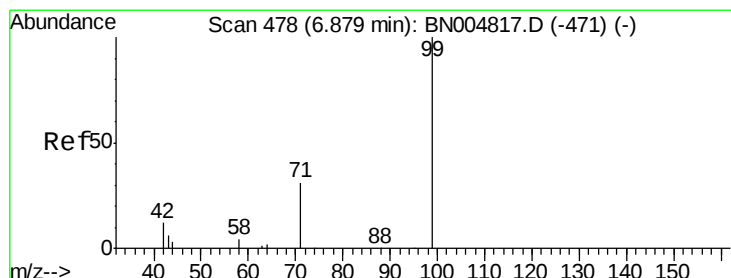
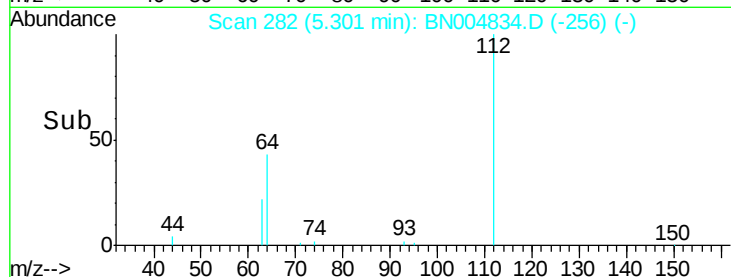
200

100

0

5.20 5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.119 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

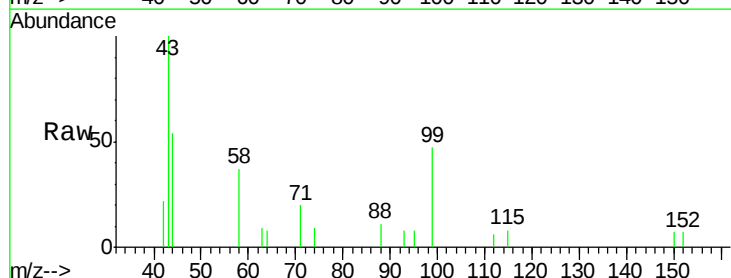
Tgt Ion: 99 Resp: 623

Ion Ratio Lower Upper

99 100

42 22.3 12.7 19.1#

71 34.8 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

6.88

400

300

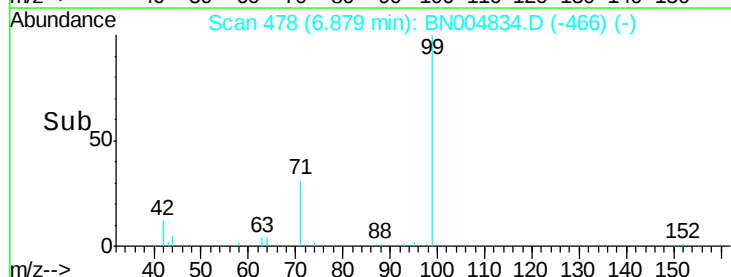
200

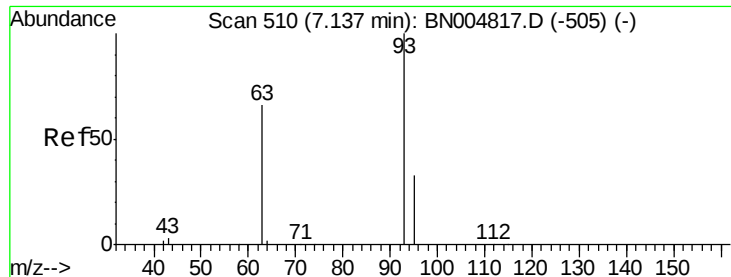
100

0

6.80 6.90 7.00 7.10

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.018 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.08 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

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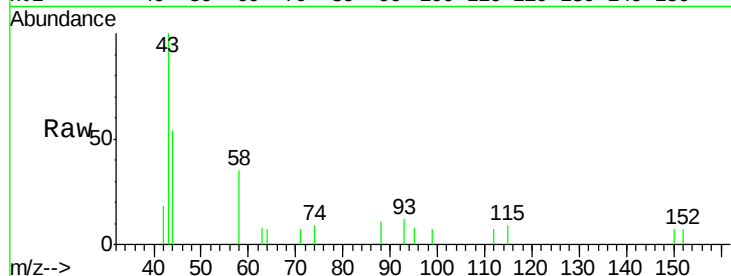
Tot Ion: 93 Resp: 84

Ion Ratio Lower Upper

93 100

63 0.0 52.6 78.8#

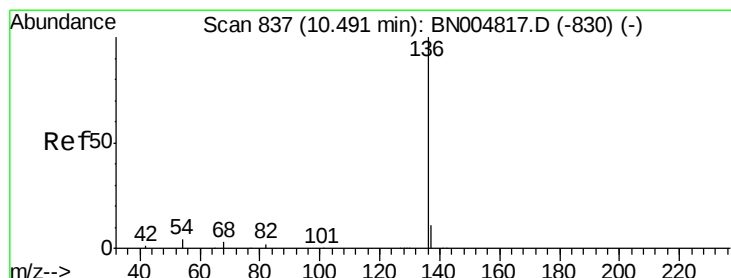
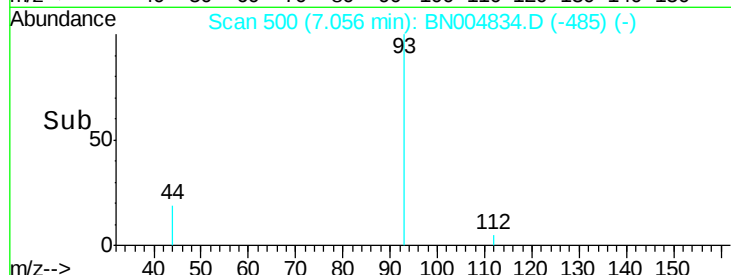
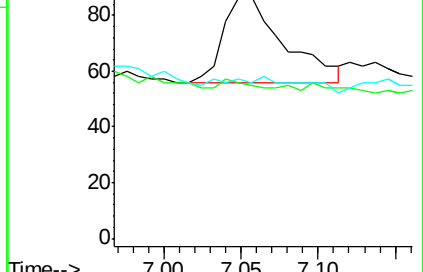
95 25.0 25.9 38.9#



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Tgt Ion: 136 Resp: 6889

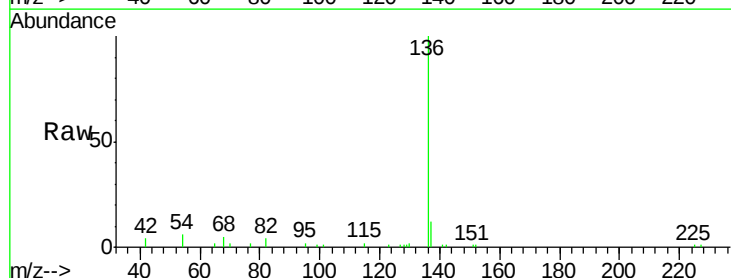
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 6.3 4.2 6.2#

68 5.4 3.9 5.9

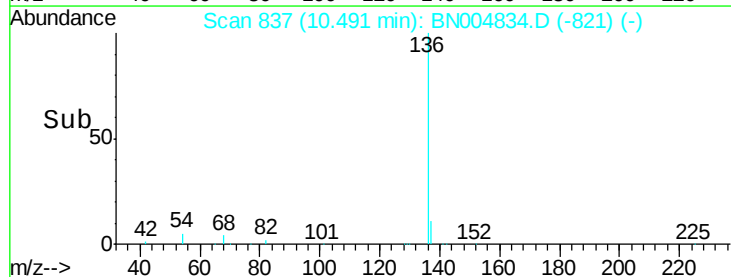
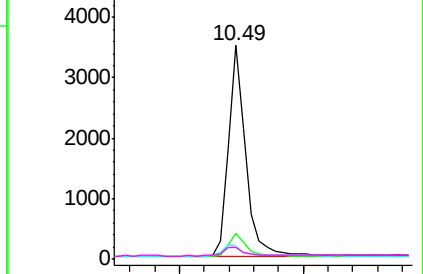


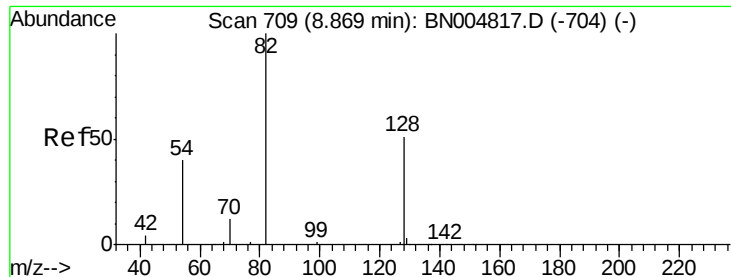
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

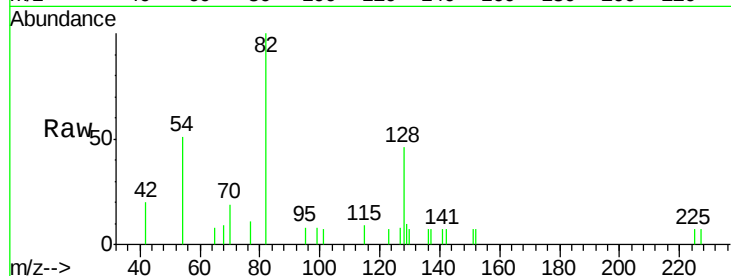
Tot Ion: 82 Resp: 1587

Ion Ratio Lower Upper

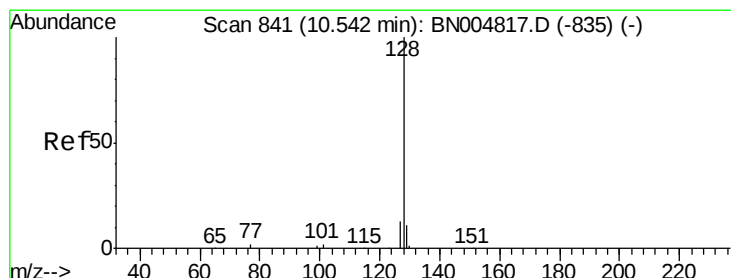
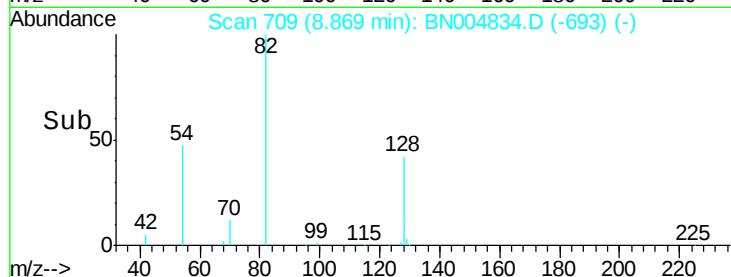
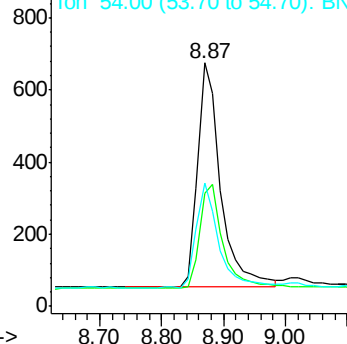
82 100

128 46.4 43.0 64.6

54 50.8 35.3 52.9



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



#9

Naphthalene

Concen: 0.004 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

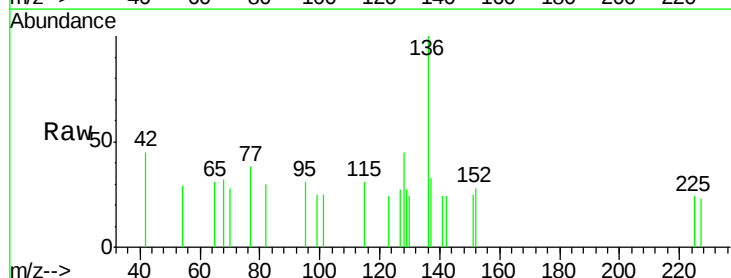
Tgt Ion: 128 Resp: 81

Ion Ratio Lower Upper

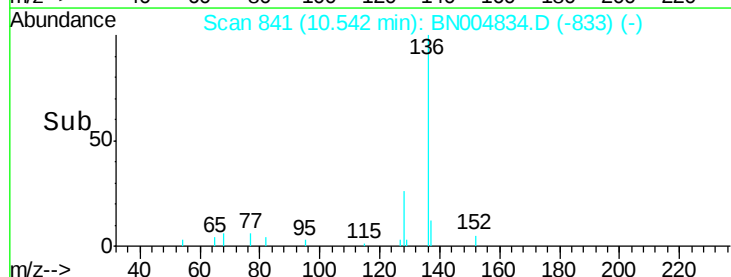
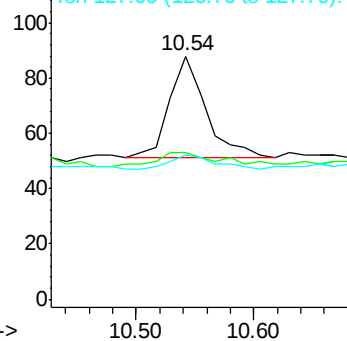
128 100

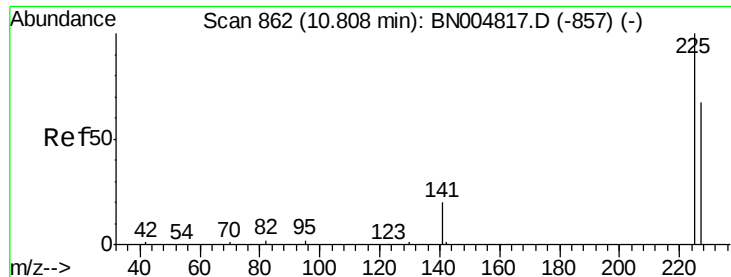
129 60.2 9.9 14.9#

127 59.1 11.3 16.9#



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

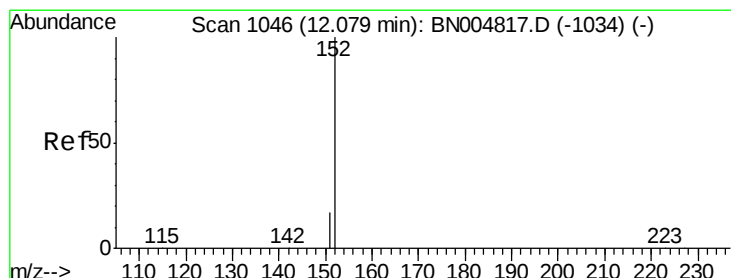
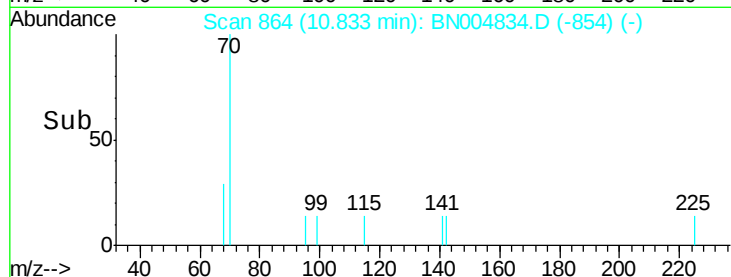
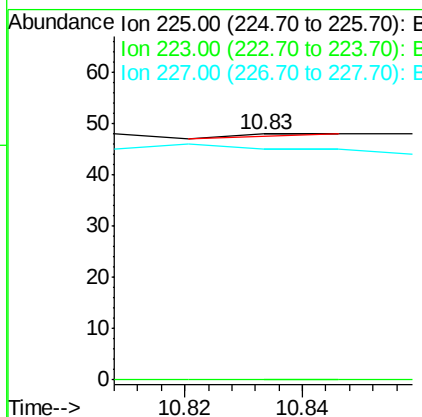
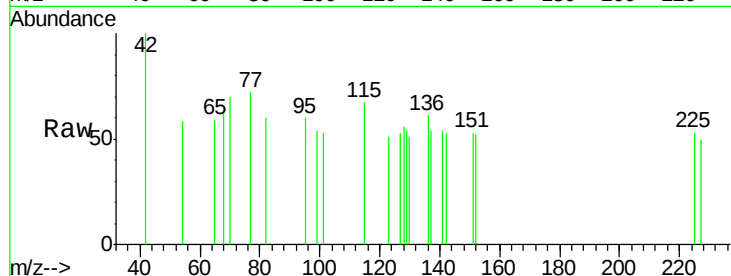




#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.83 min Scan# 864
Delta R.T. 0.03 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

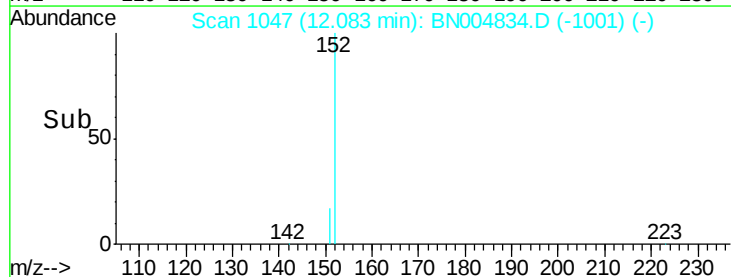
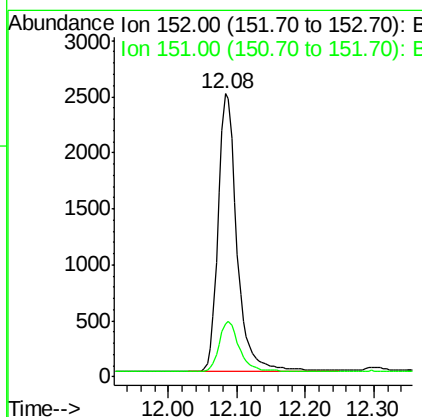
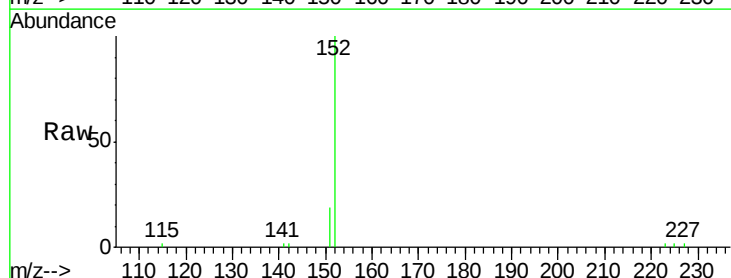
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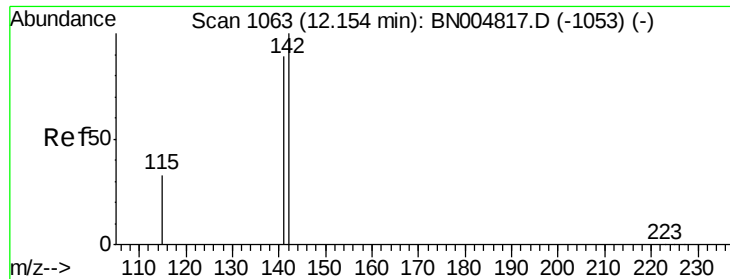
Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 100.0 52.2 78.4#



#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion:152 Resp: 4776
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3

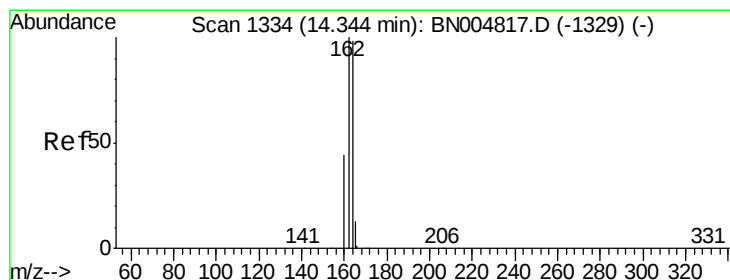
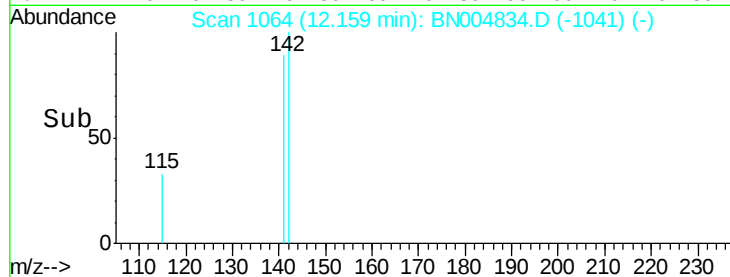
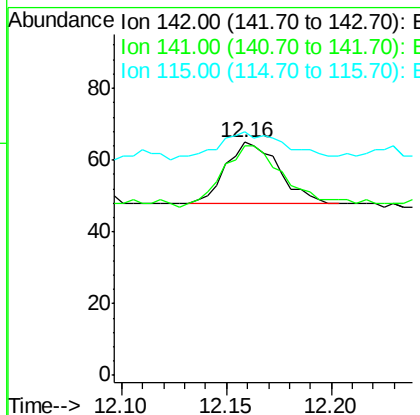
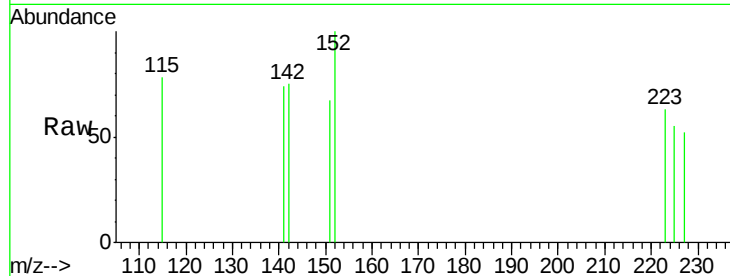




#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.16 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

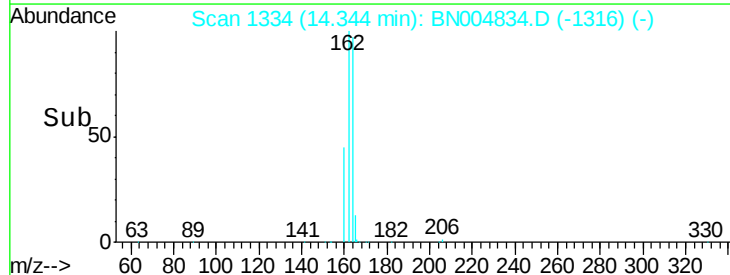
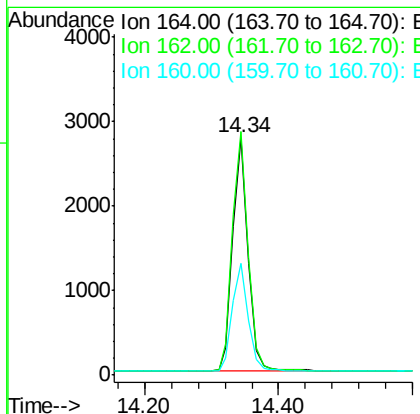
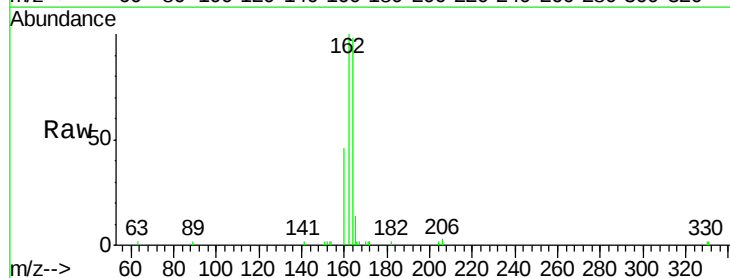
Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

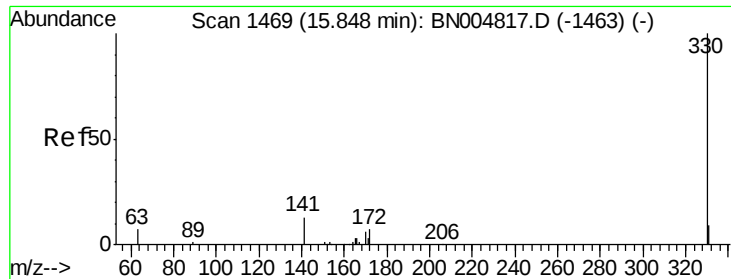
Tot Ion:142 Resp: 30
Ion Ratio Lower Upper
142 100
141 98.5 71.4 107.2
115 104.6 27.5 41.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion:164 Resp: 4329
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 46.9 36.6 54.8

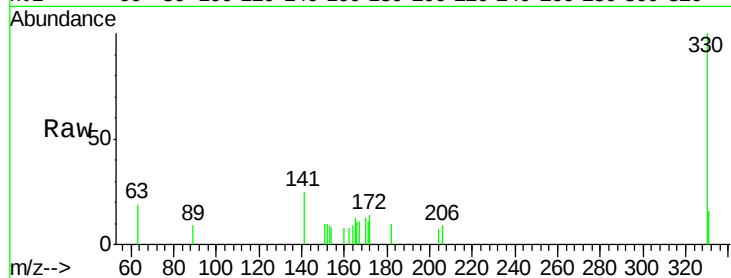




#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

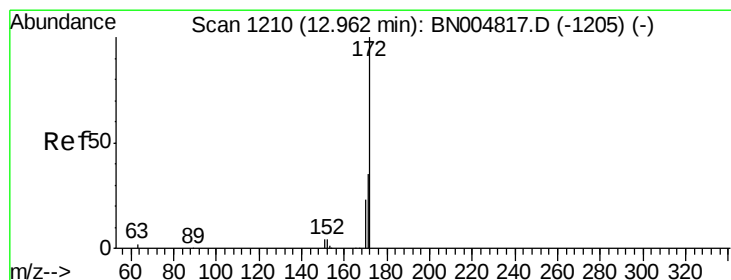
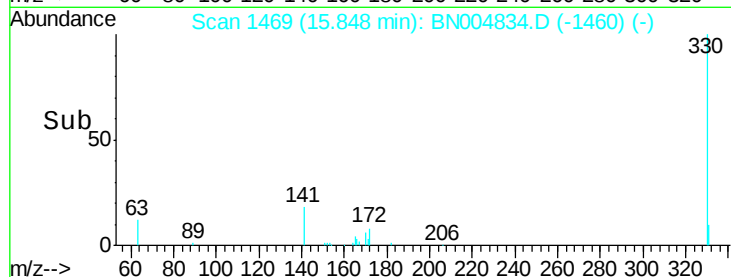
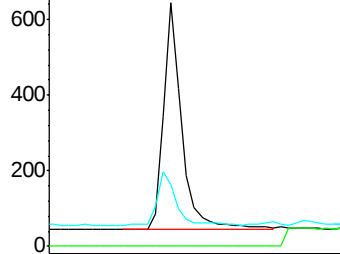
Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

Tot Ion:330 Resp: 1099
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.9 20.9 31.3



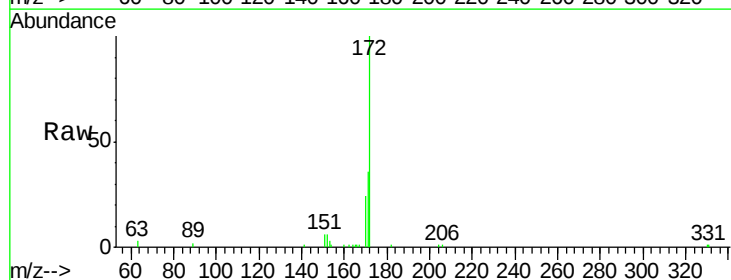
Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

15.85



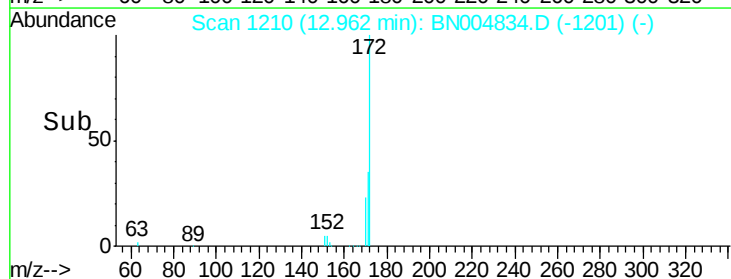
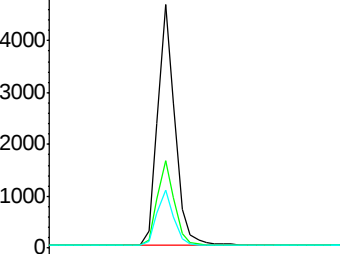
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

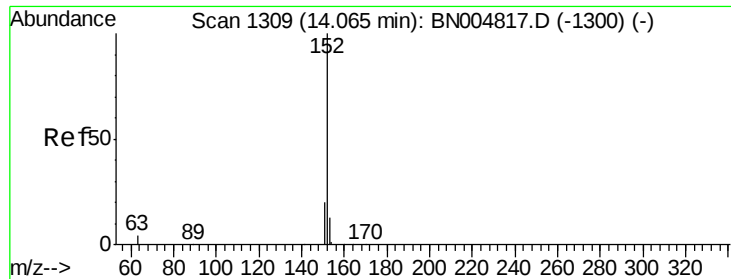
Tgt Ion:172 Resp: 7590
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 18.7 28.1



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

12.96





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

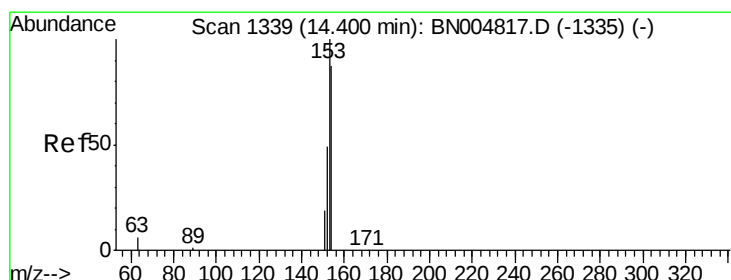
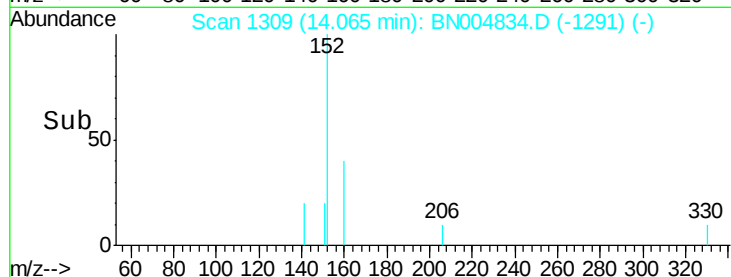
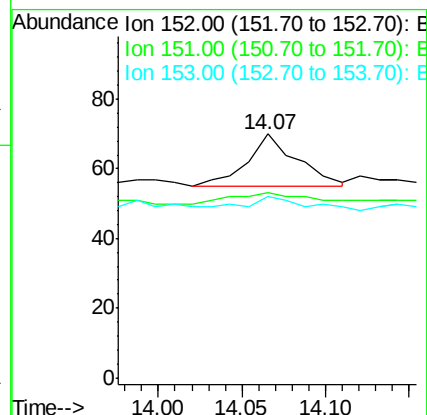
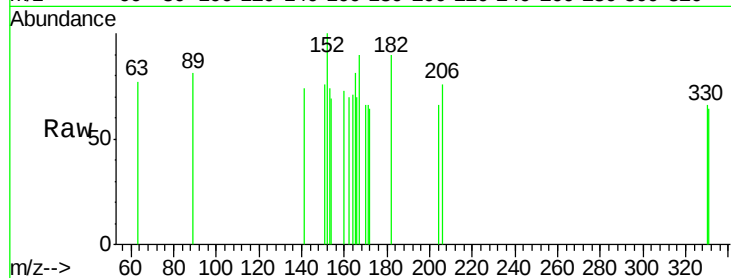
Tot Ion:152 Resp: 31

Ion Ratio Lower Upper

152 100

151 29.0 16.1 24.1#

153 29.0 10.5 15.7#



#17

Acenaphthene

Concen: 0.003 ng

RT: 14.41 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

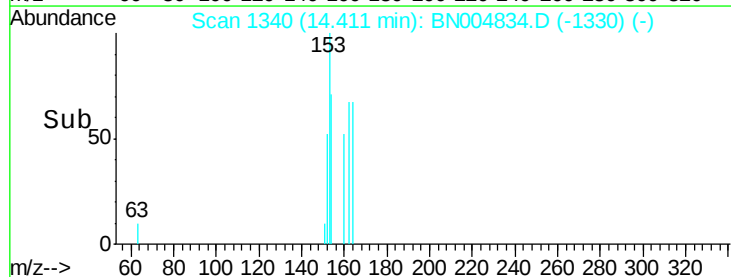
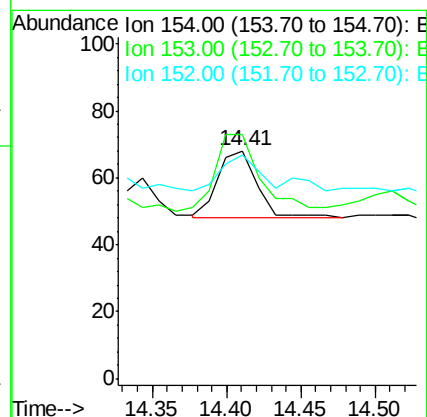
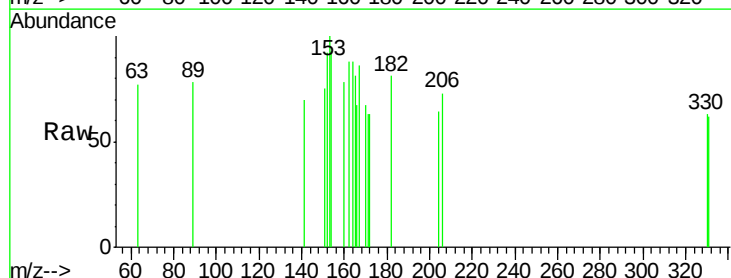
Tgt Ion:154 Resp: 37

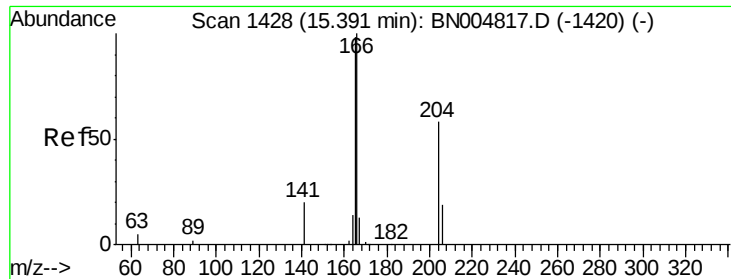
Ion Ratio Lower Upper

154 100

153 132.4 91.4 137.2

152 64.9 44.2 66.2





#18

Fluorene

Concen: 0.004 ng

RT: 15.40 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

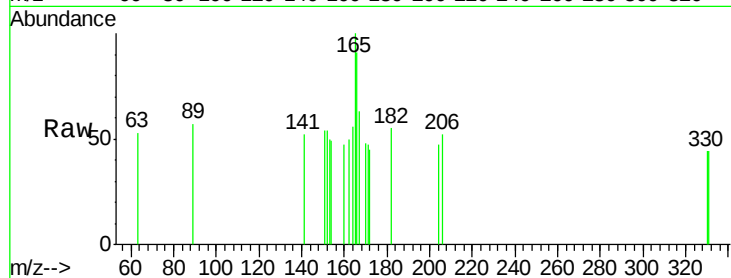
Tot Ion:166 Resp: 76

Ion Ratio Lower Upper

166 100

165 103.9 78.2 117.4

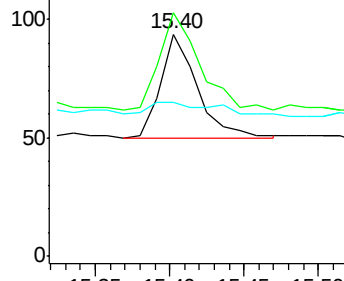
167 26.3 11.0 16.4#



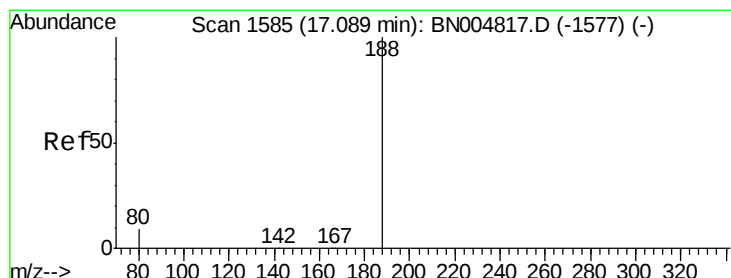
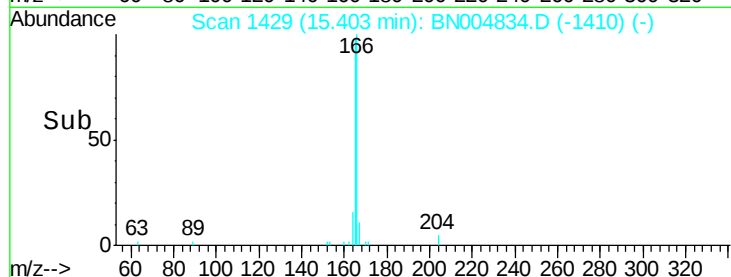
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

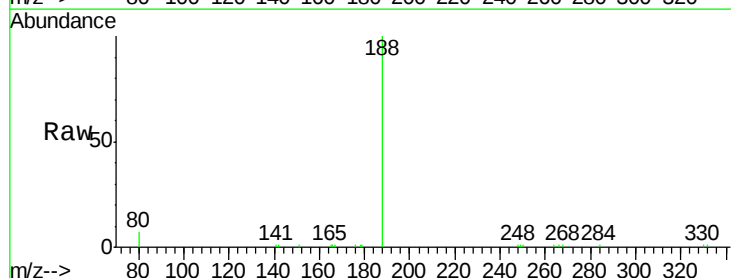
Tgt Ion:188 Resp: 11462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

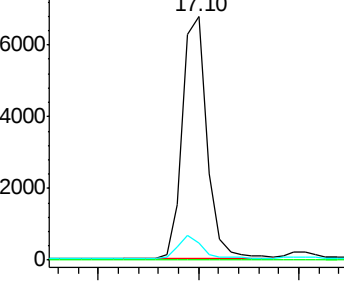
80 6.7 7.4 11.2#



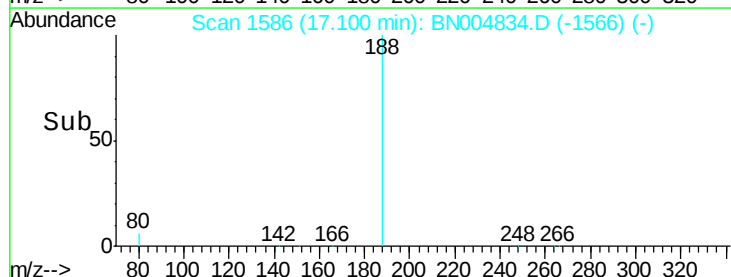
Abundance Ion 188.00 (187.70 to 188.70): E

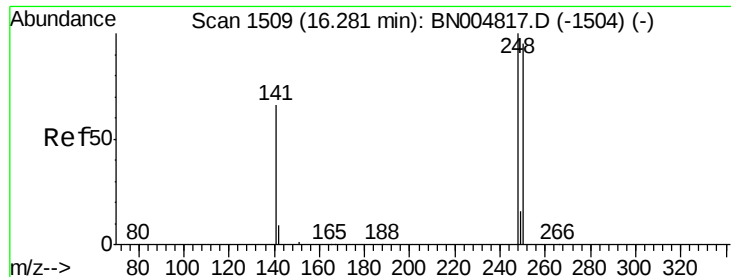
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->

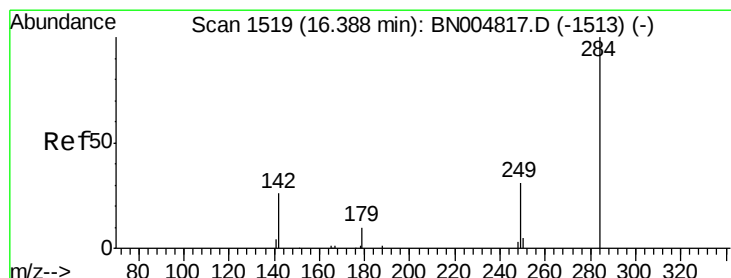
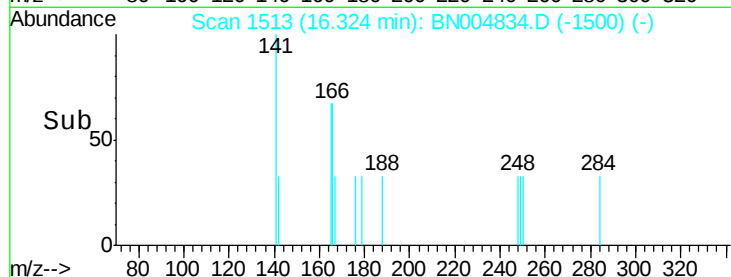
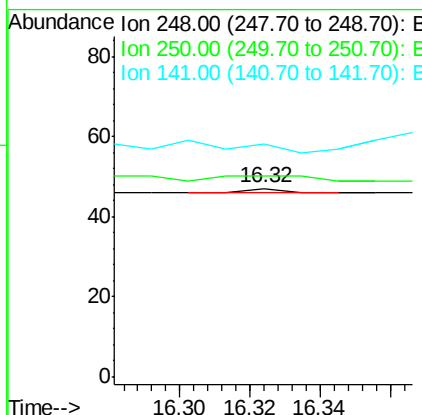
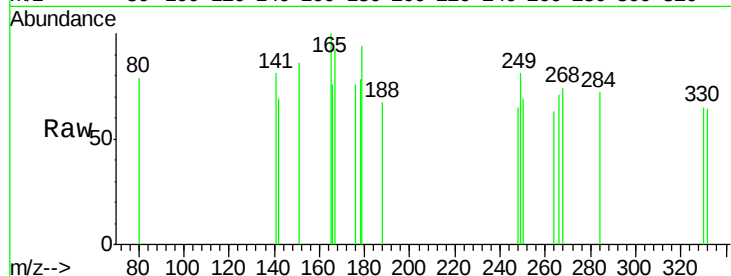




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.32 min Scan# 1513
Delta R.T. 0.04 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

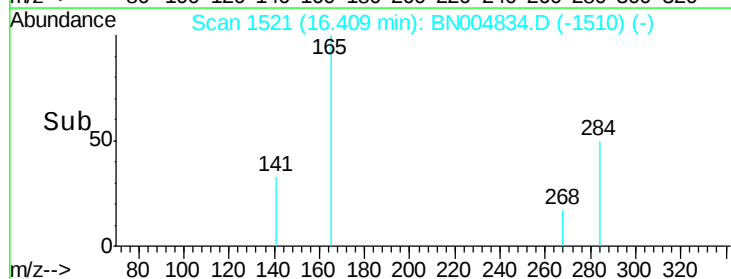
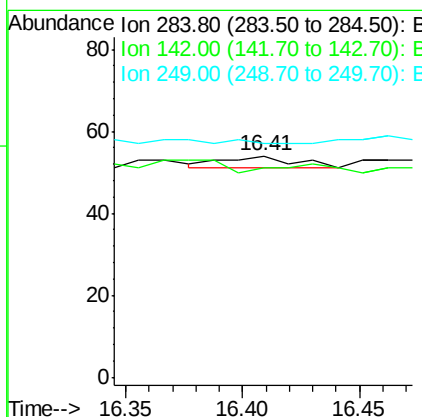
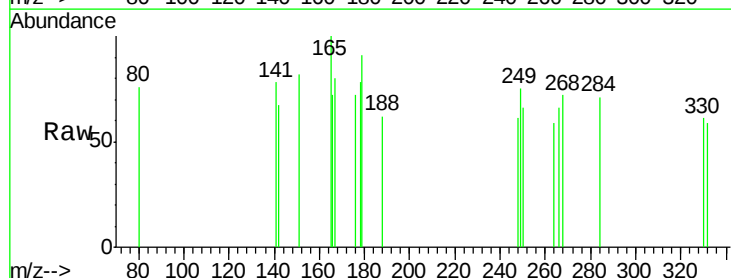
Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

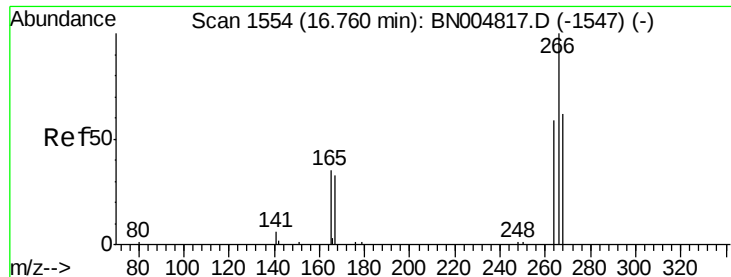
Tot Ion:248 Resp: 1
Ion Ratio Lower Upper
248 100
250 106.4 76.2 114.4
141 123.4 53.9 80.9#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.41 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 22.6 34.0#
249 0.0 22.5 33.7#





#22

Pentachlorophenol

Concen: 0.005 ng

RT: 16.78 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

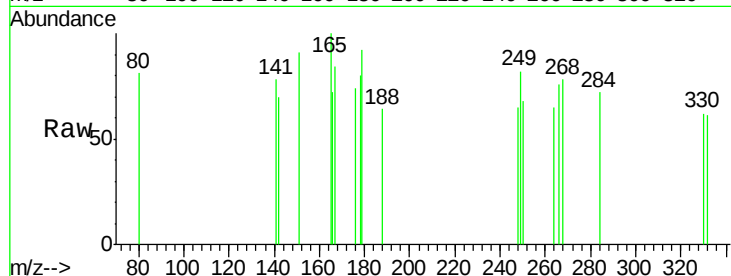
Tot Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 85.7 53.1 79.7#

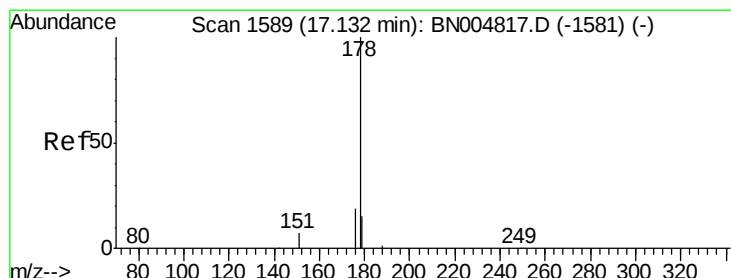
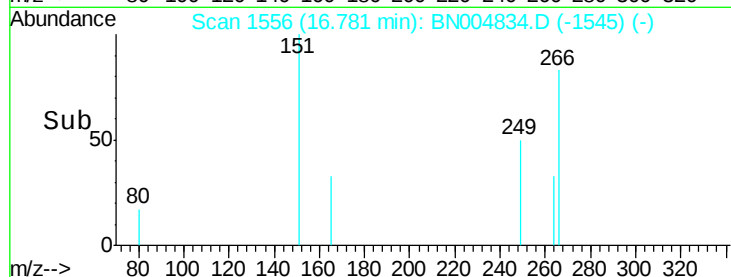
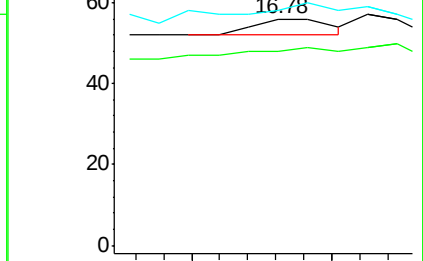
268 103.6 57.7 86.5#



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: 0.031 ng

RT: 17.14 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

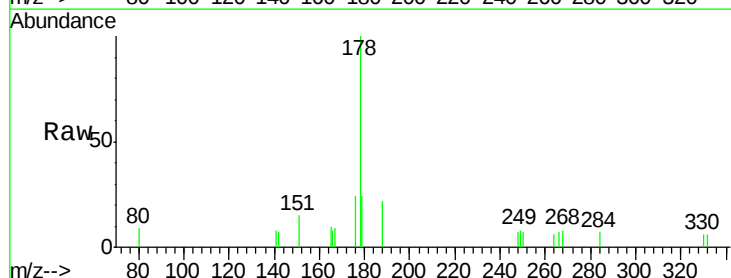
Tgt Ion:178 Resp: 1142

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

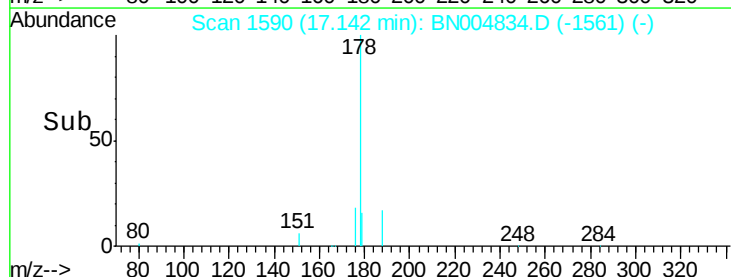
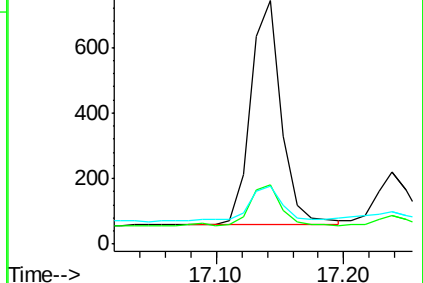
179 18.1 12.1 18.1#

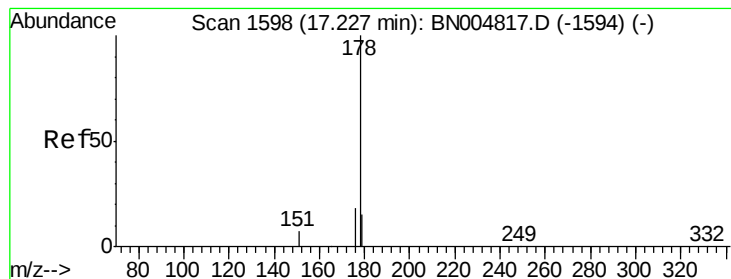


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.008 ng

RT: 17.24 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

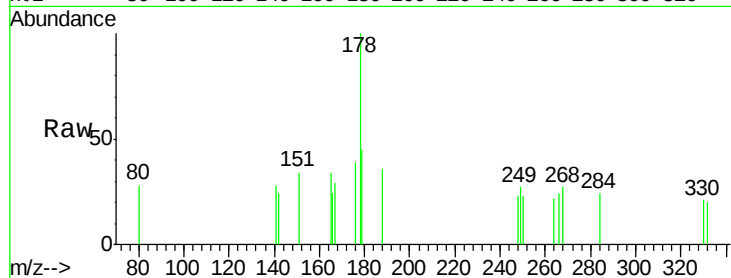
Tot Ion:178 Resp: 264

Ion Ratio Lower Upper

178 100

176 21.6 14.5 21.7

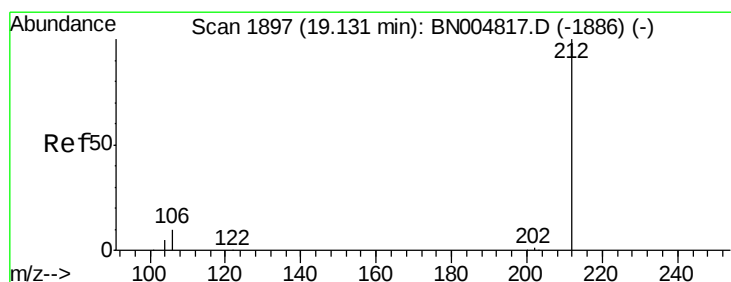
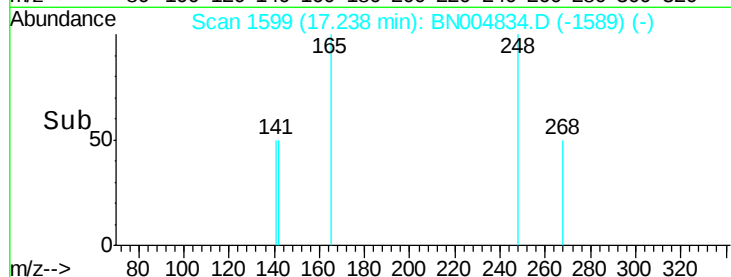
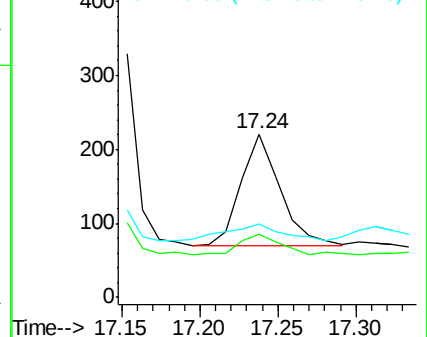
179 22.0 12.2 18.4#



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: 0.436 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

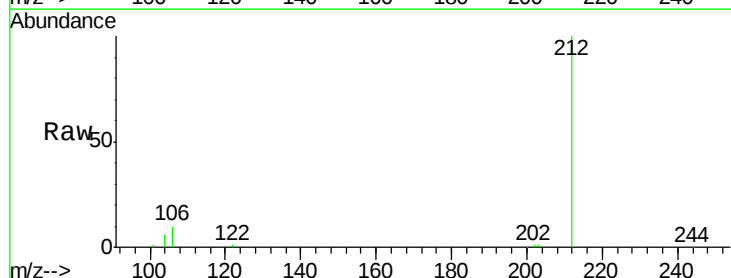
Tgt Ion:212 Resp: 16726

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

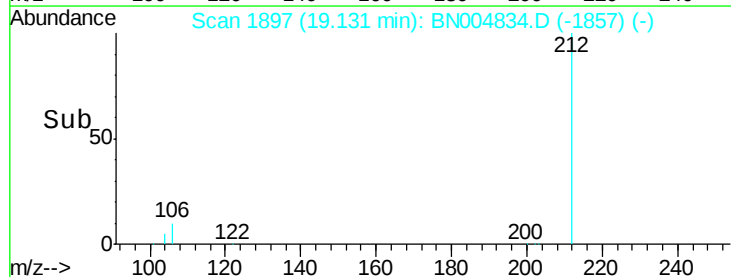
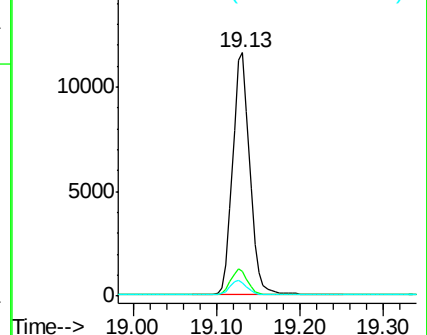
104 5.9 4.7 7.1

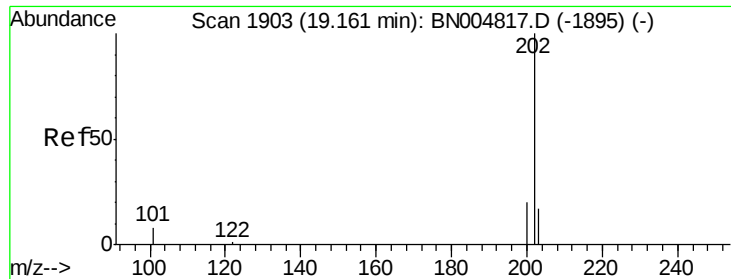


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

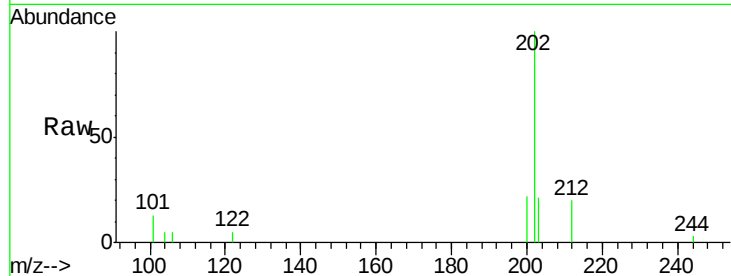




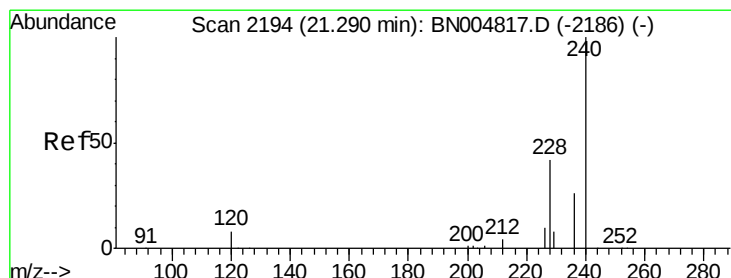
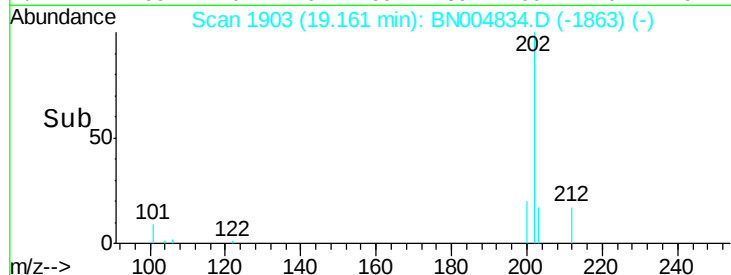
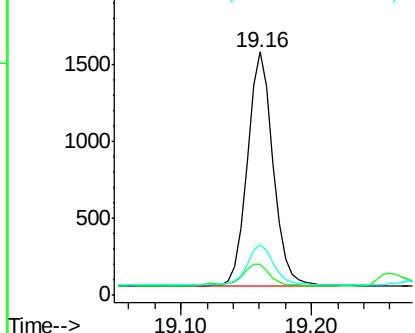
#26
 Fluoranthene
 Concen: 0.045 ng
 RT: 19.16 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-05_030719

Tot Ion:202 Resp: 2119
 Ion Ratio Lower Upper
 202 100
 101 10.6 7.5 11.3
 203 18.3 13.8 20.6

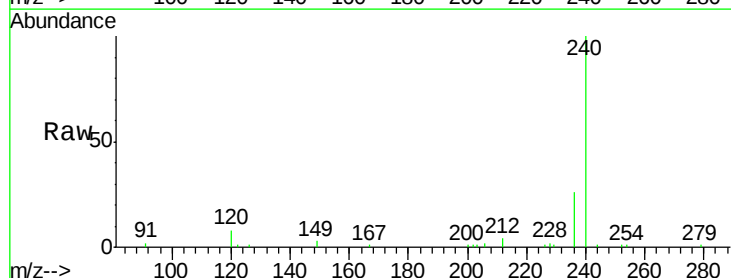


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

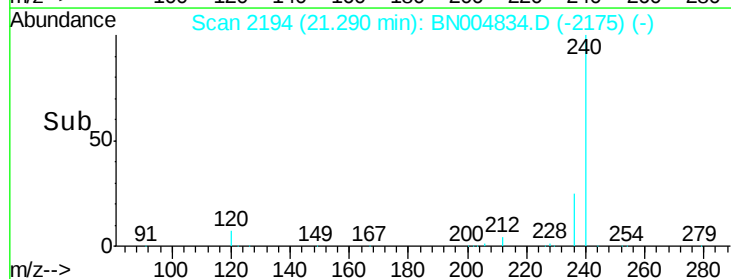
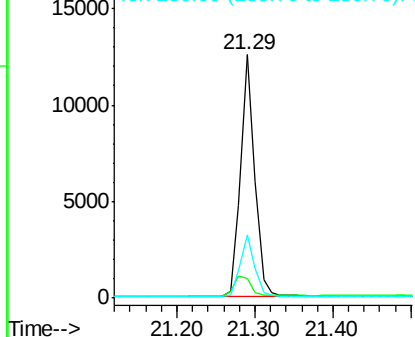


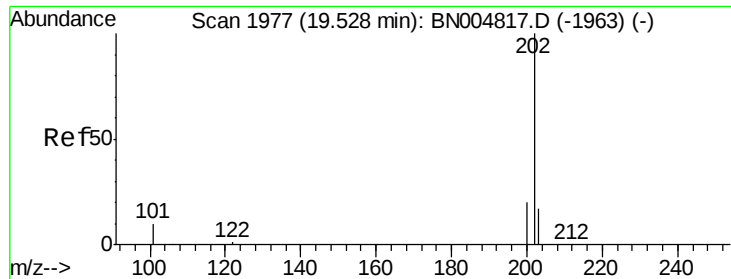
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

Tgt Ion:240 Resp: 15975
 Ion Ratio Lower Upper
 240 100
 120 7.9 7.2 10.8
 236 25.8 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: 0.029 ng

RT: 19.53 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

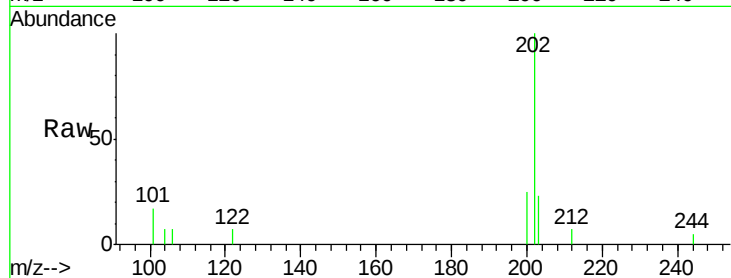
Tot Ion:202 Resp: 1420

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

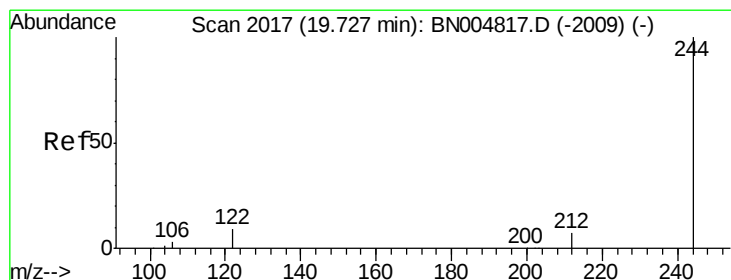
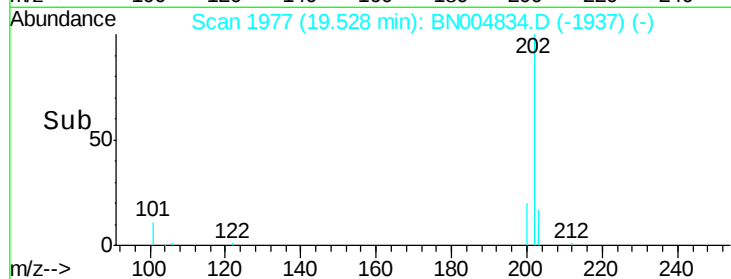
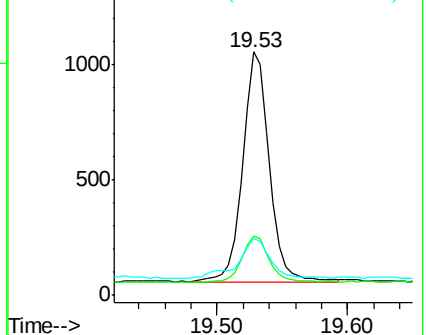
203 20.1 14.0 21.0



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



#29

Terphenyl-d14

Concen: 0.558 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

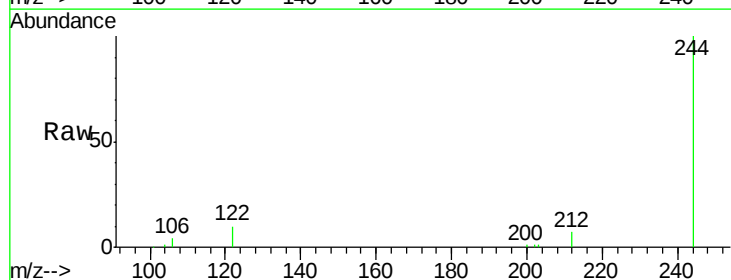
Tgt Ion:244 Resp: 18242

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

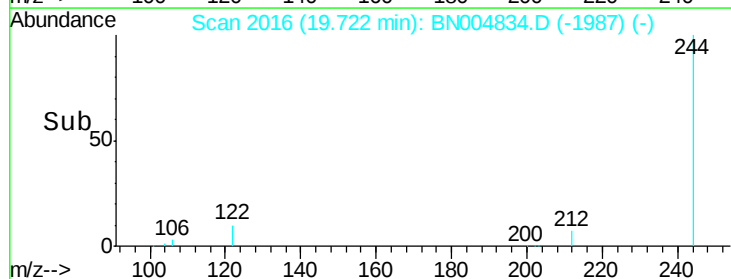
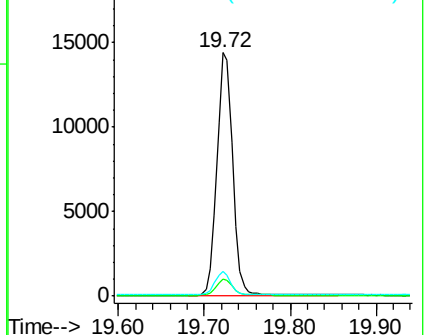
122 10.2 7.9 11.9

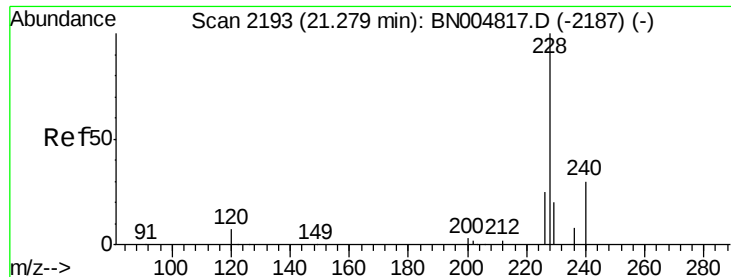


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.008 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

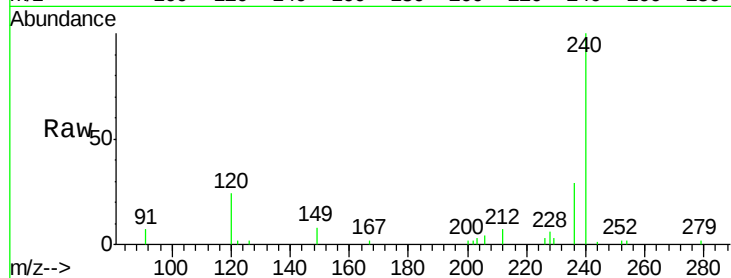
Tot Ion:228 Resp: 394

Ion Ratio Lower Upper

228 100

226 43.4 20.6 31.0#

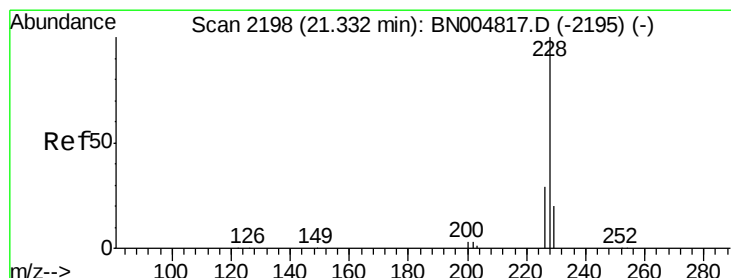
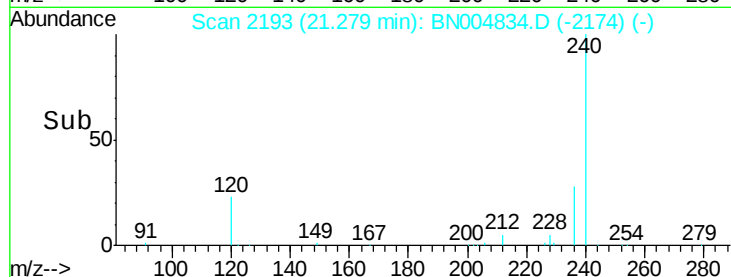
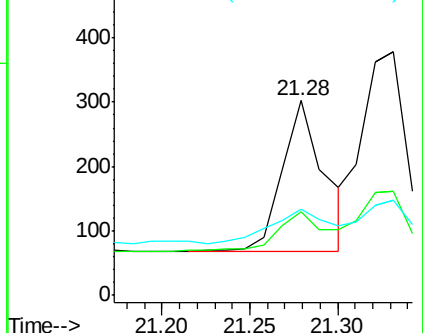
229 44.0 16.2 24.4#



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: 0.010 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

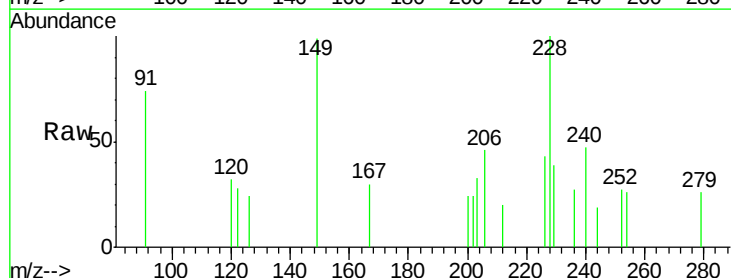
Tgt Ion:228 Resp: 535

Ion Ratio Lower Upper

228 100

226 42.9 23.0 34.6#

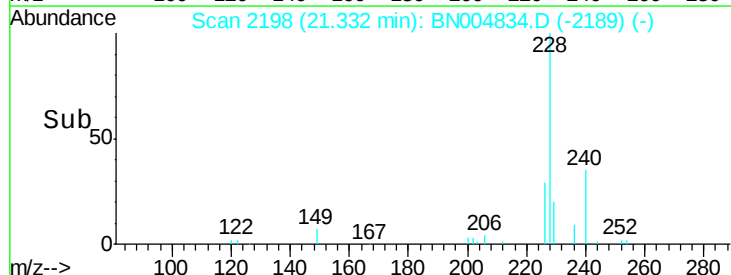
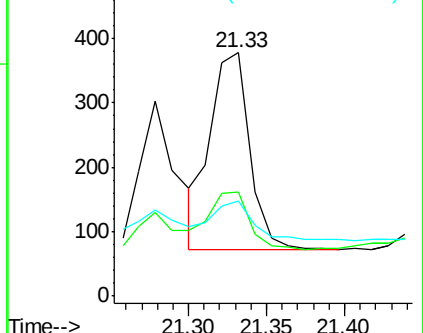
229 39.2 16.2 24.2#

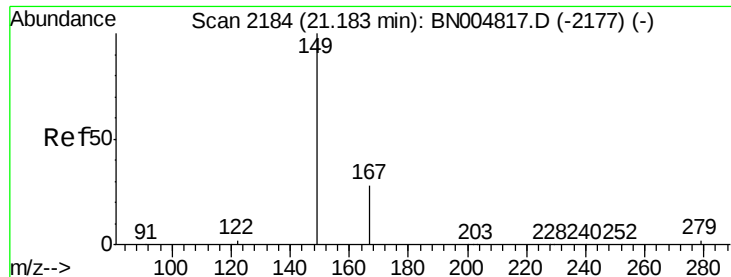


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

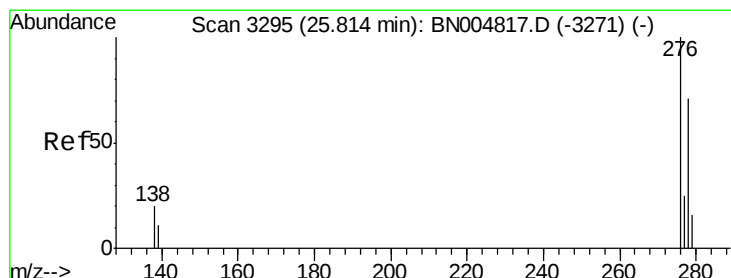
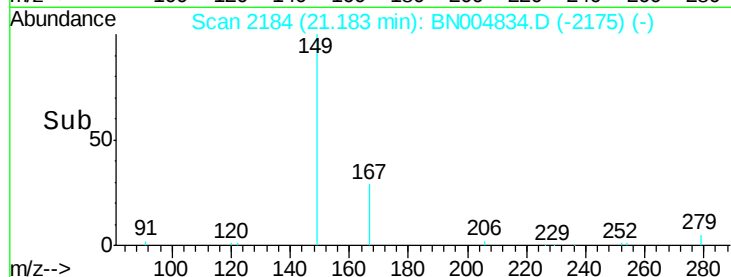
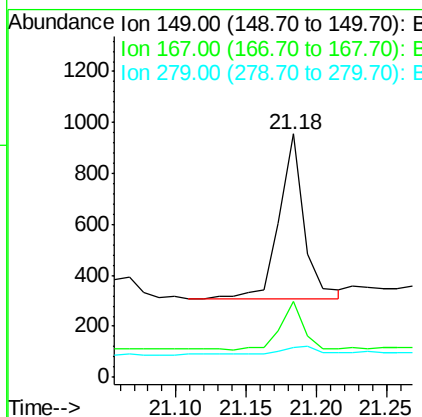
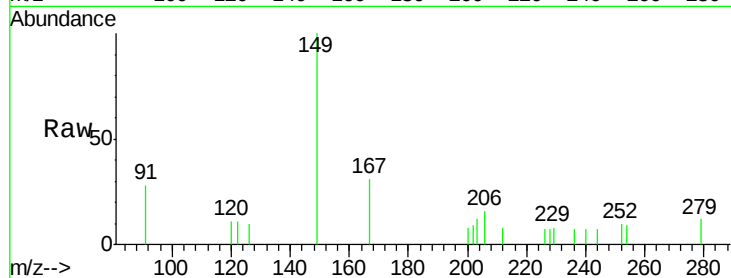




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.18 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

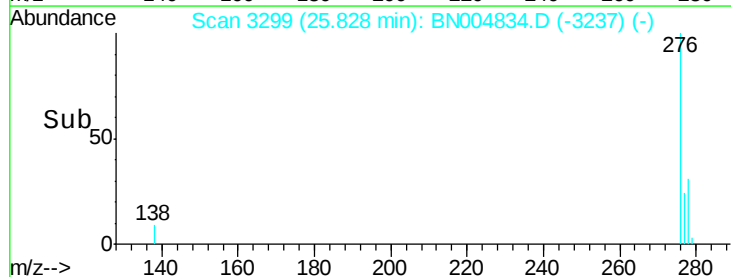
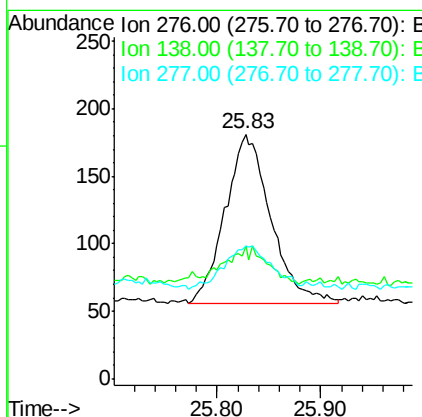
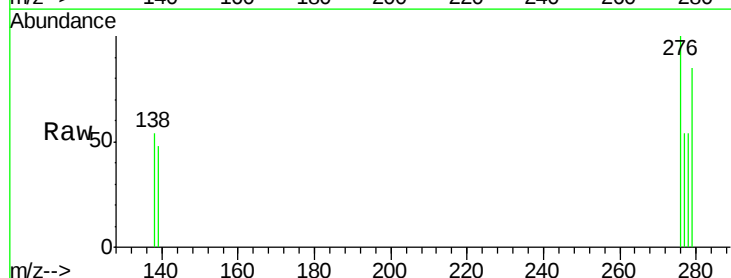
Instrument :
 BNA_N
 ClientSampleId :
 C-MW-05_030719

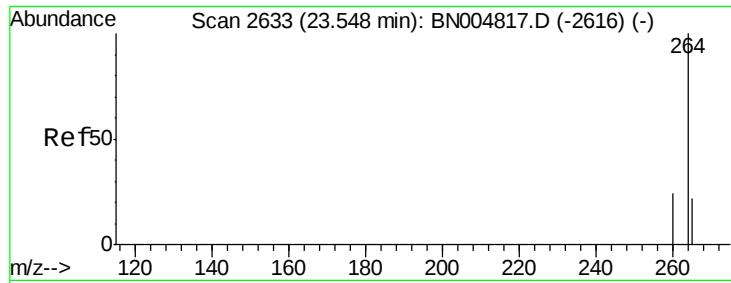
Tot Ion:149 Resp: 812
 Ion Ratio Lower Upper
 149 100
 167 26.4 23.0 34.4
 279 7.9 4.6 6.8#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 25.83 min Scan# 3299
 Delta R.T. 0.01 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

Tgt Ion:276 Resp: 381
 Ion Ratio Lower Upper
 276 100
 138 8.1 16.6 24.8#
 277 27.3 20.3 30.5

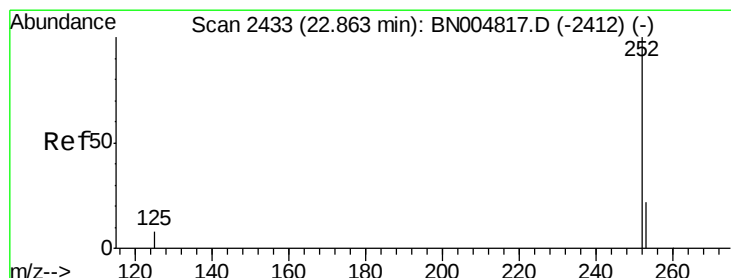
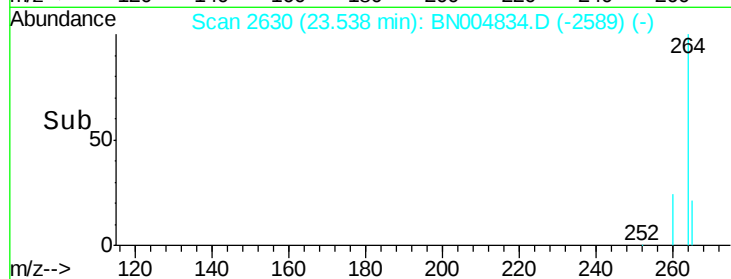
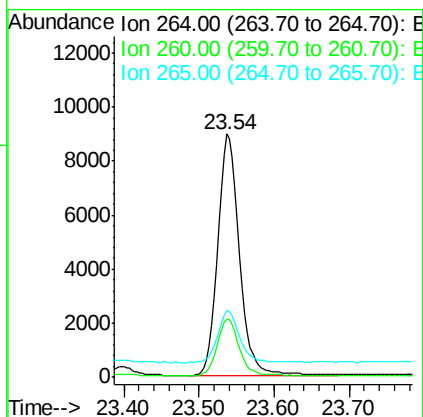
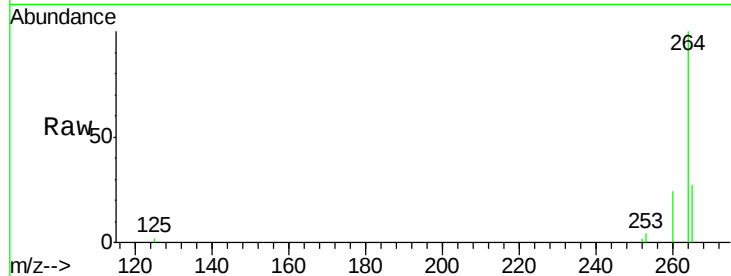




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

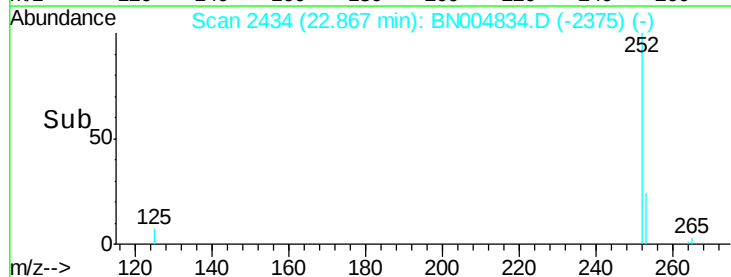
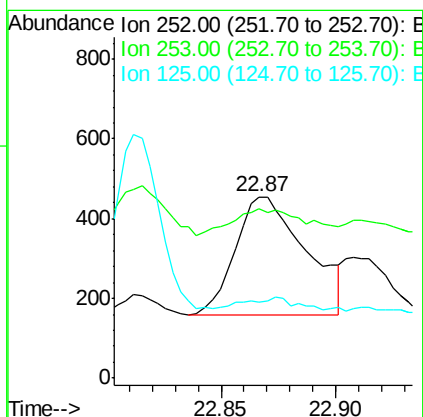
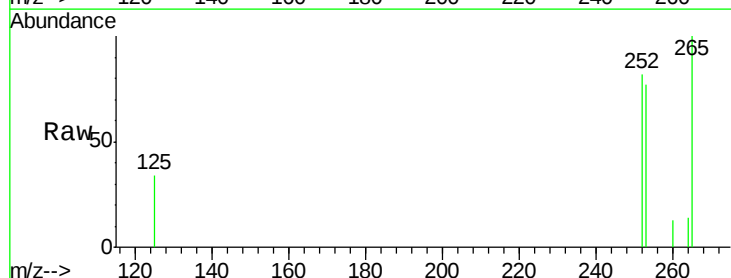
Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

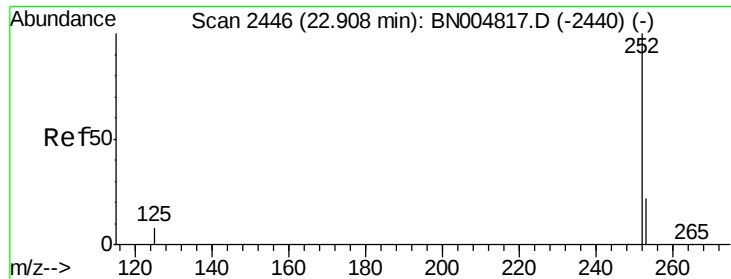
Tot Ion:264 Resp: 17816
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 27.3 23.1 34.7



#35
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion:252 Resp: 633
Ion Ratio Lower Upper
252 100
253 93.8 19.0 28.4#
125 41.9 7.4 11.2#

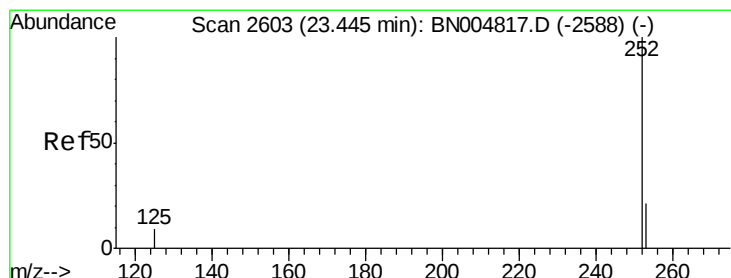
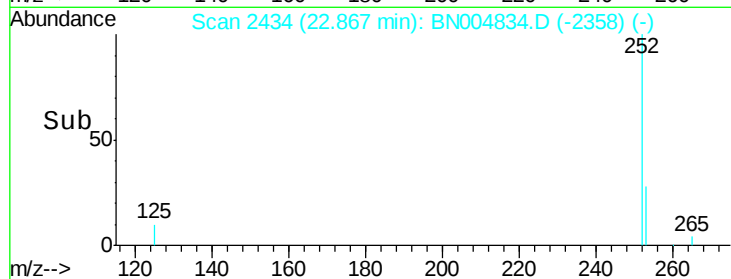
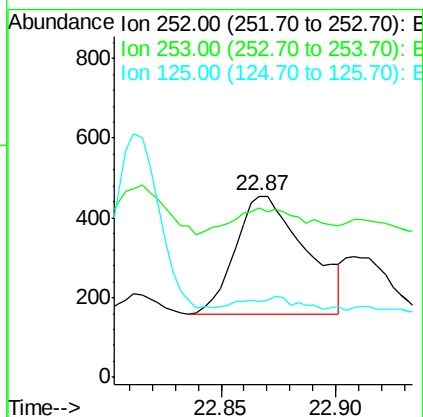
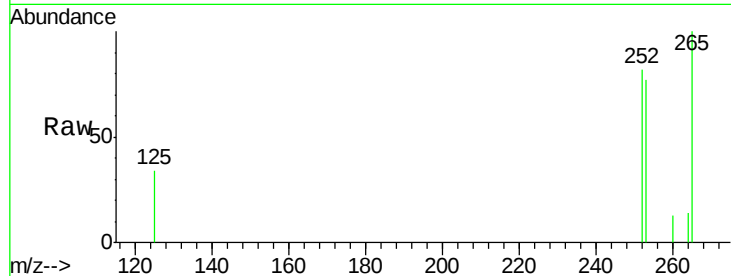




#36
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

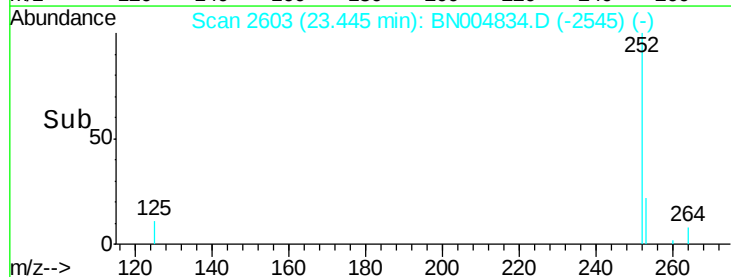
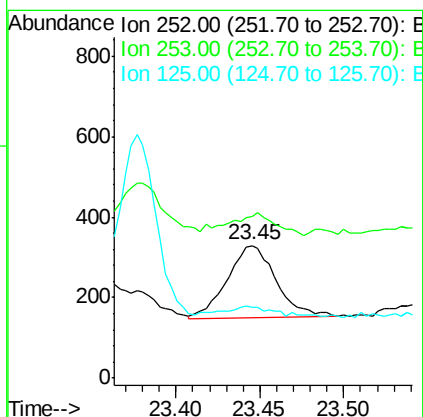
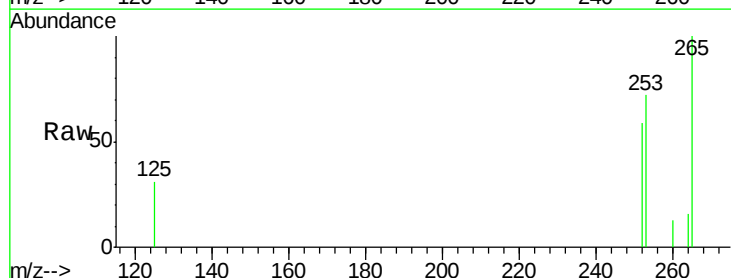
Instrument :
BNA_N
ClientSampleId :
C-MW-05_030719

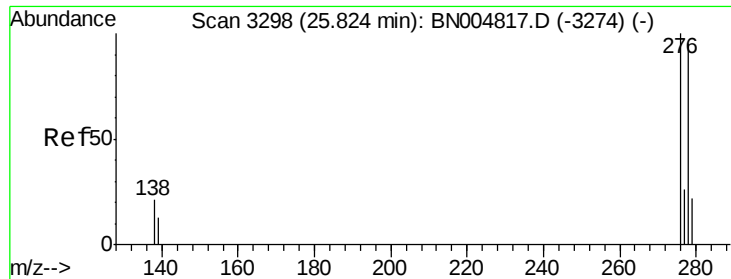
Tot Ion:252 Resp: 633
Ion Ratio Lower Upper
252 100
253 93.8 19.3 28.9#
125 41.9 7.4 11.0#



#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt Ion:252 Resp: 360
Ion Ratio Lower Upper
252 100
253 121.8 19.7 29.5#
125 53.0 8.3 12.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.83 min Scan# 3301

Delta R.T. 0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

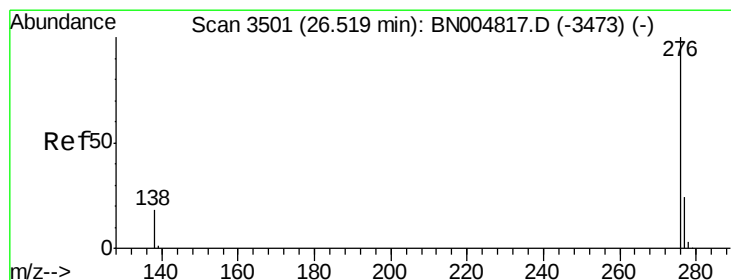
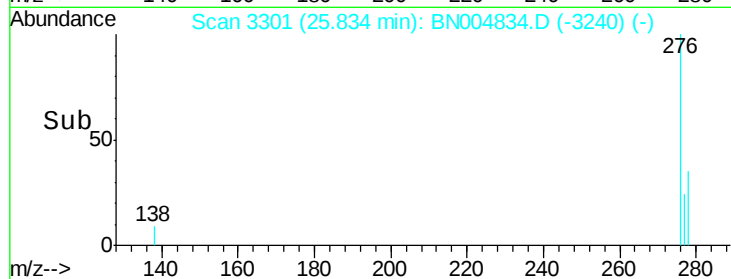
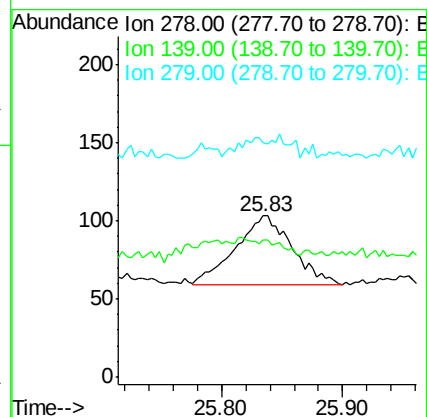
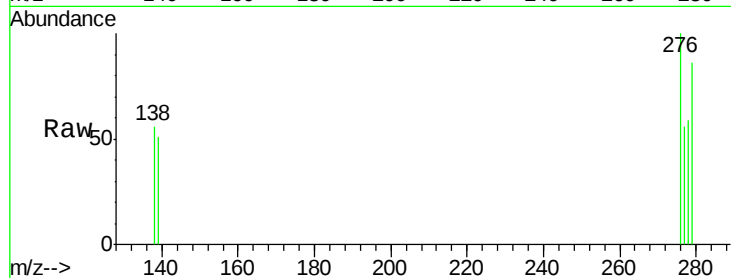
Tot Ion:278 Resp: 144

Ion Ratio Lower Upper

278 100

139 85.4 11.7 17.5#

279 145.6 19.9 29.9#



#39

Benzo(g,h,i)perylene

Concen: 0.006 ng

RT: 26.52 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

Tgt Ion:276 Resp: 413

Ion Ratio Lower Upper

276 100

277 56.5 19.7 29.5#

138 52.9 14.6 22.0#

