

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 09:14:21 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

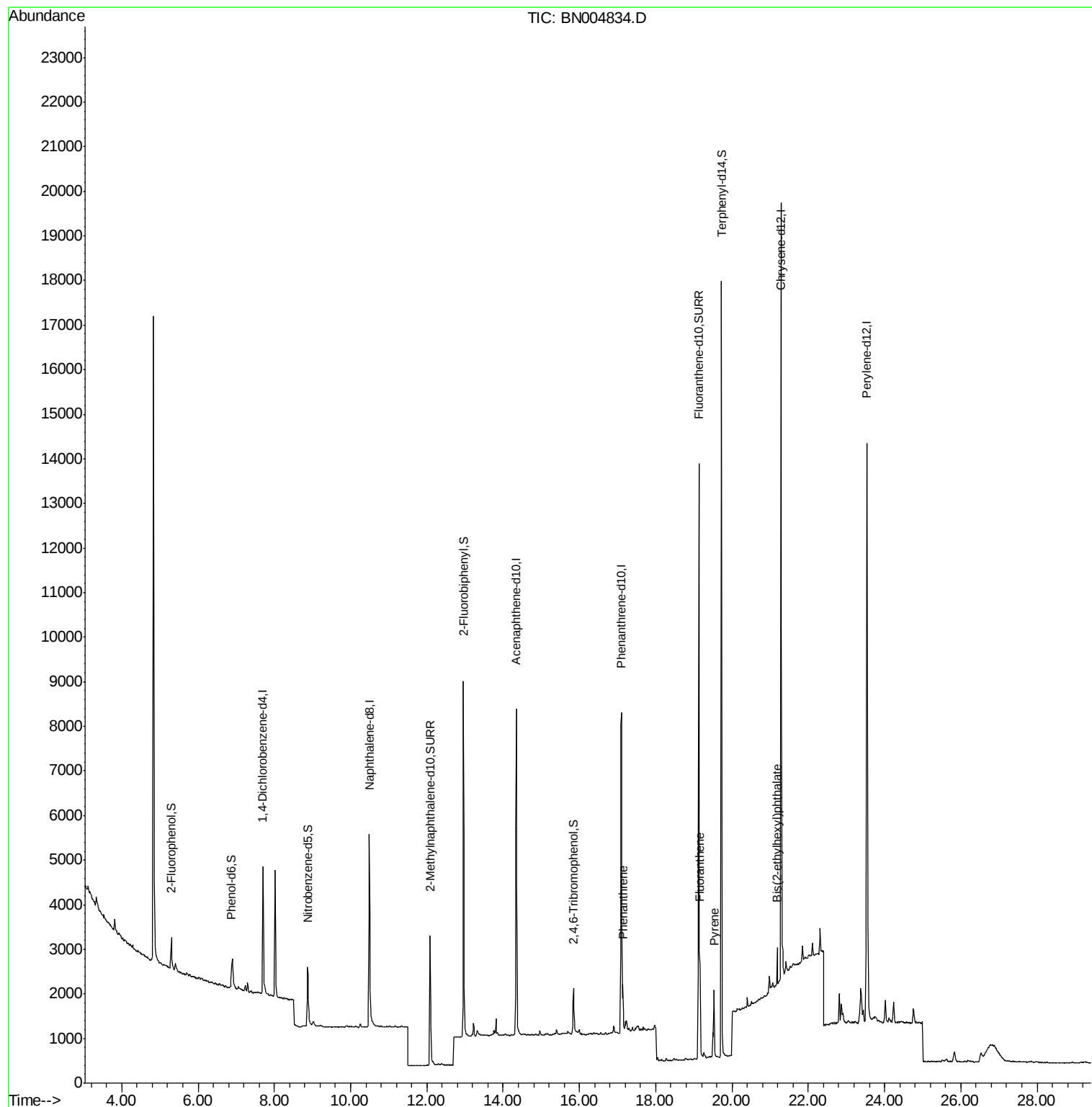
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1547	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6889	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4329	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	11462	0.40	ng	0.01
27) Chrysene-d12	21.29	240	15975	0.40	ng	0.00
34) Perylene-d12	23.54	264	17816	0.40	ng	-0.01
System Monitoring Compounds						
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						
23) Phenanthrene	17.14	178	1142	0.031	ng	Qvalue # 96
26) Fluoranthene	19.16	202	2119	0.045	ng	97
28) Pyrene	19.53	202	1420	0.029	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	812	0.039	ng	# 95

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

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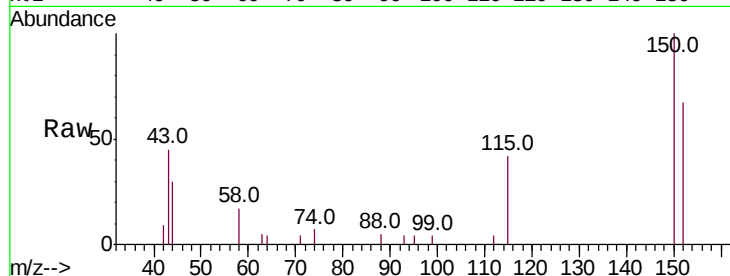


#1

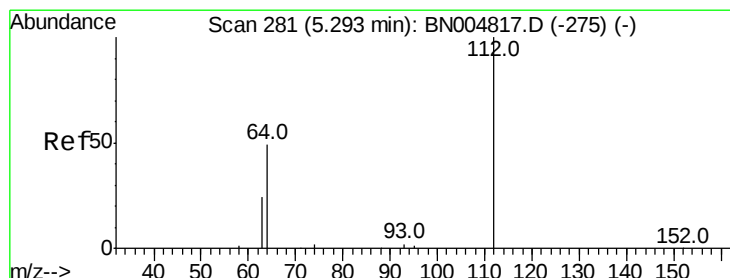
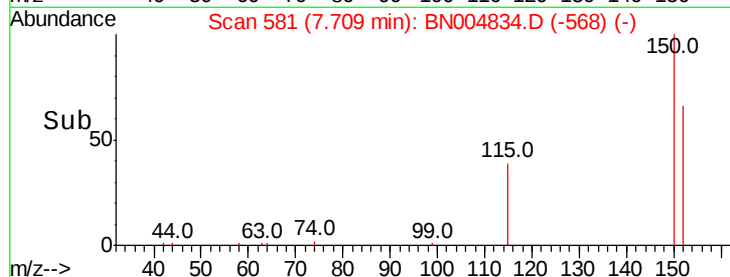
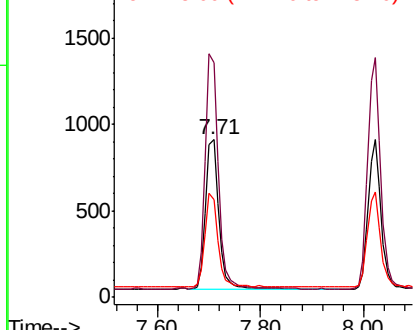
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

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



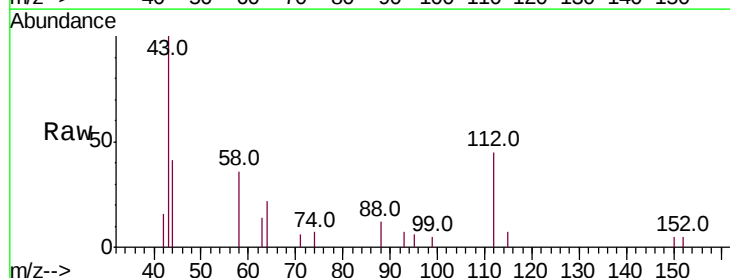
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



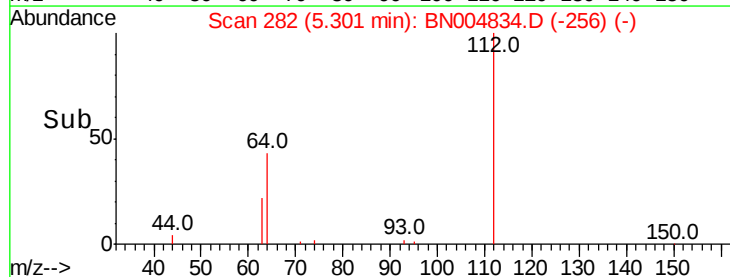
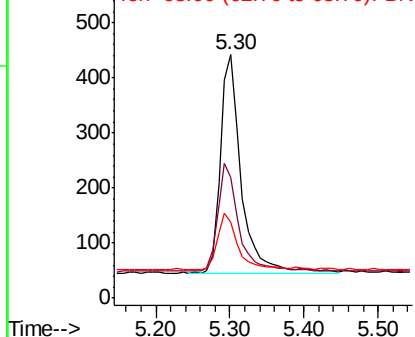
#4

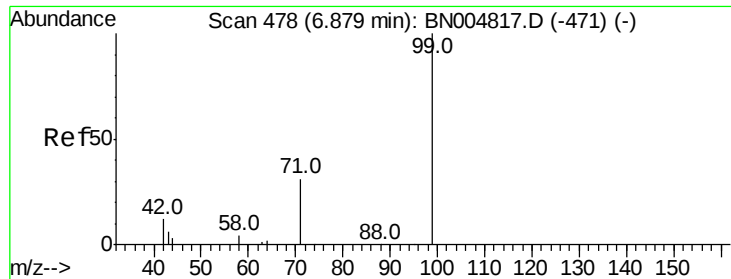
2-Fluorophenol
Concen: 0.183 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

Tgt 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): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

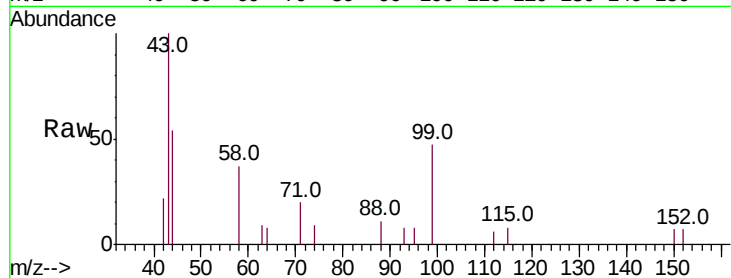
Tot Ion: 99 Resp: 623

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): BN004817.D (-471) (-)

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

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

6.88

400

300

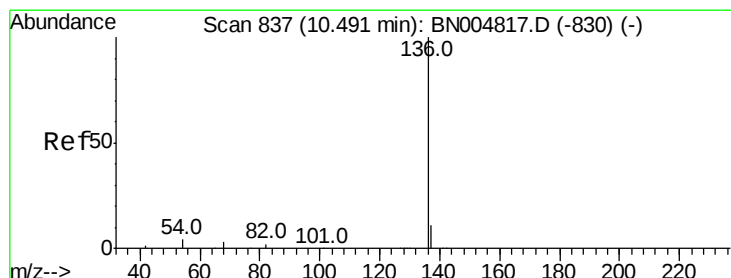
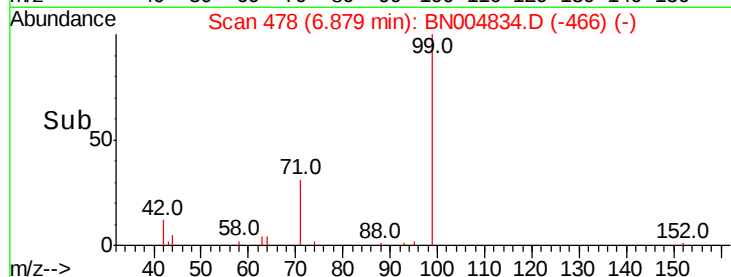
200

100

0

6.80 6.90 7.00 7.10

Time-->



#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

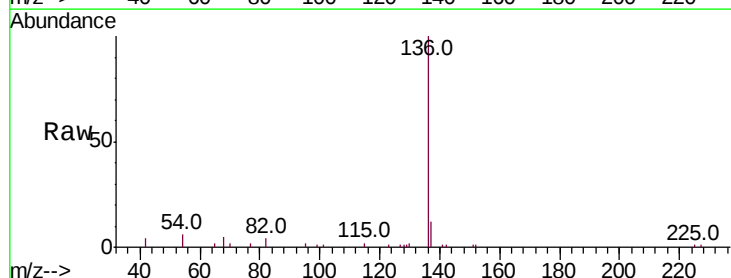
Ion Ratio Lower Upper

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) (-)

10.49

5000

4000

3000

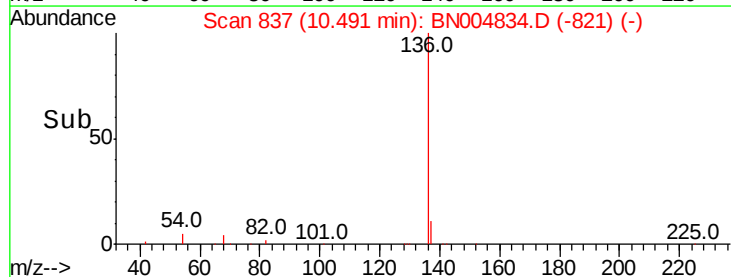
2000

1000

0

10.40 10.60

Time-->

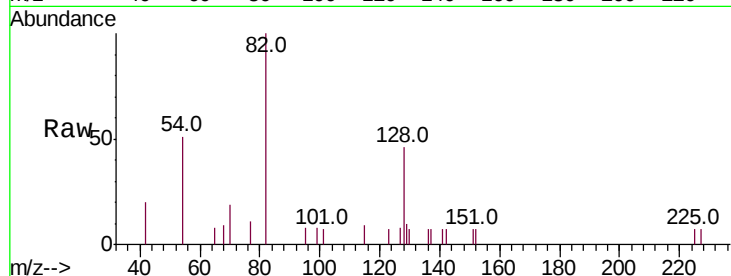




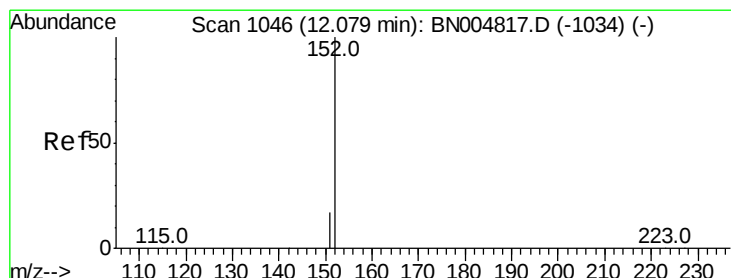
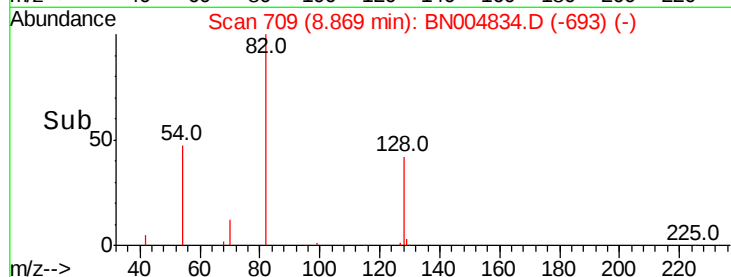
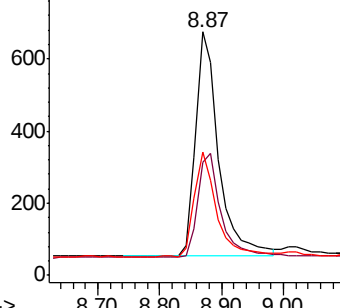
#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 8.87 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

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

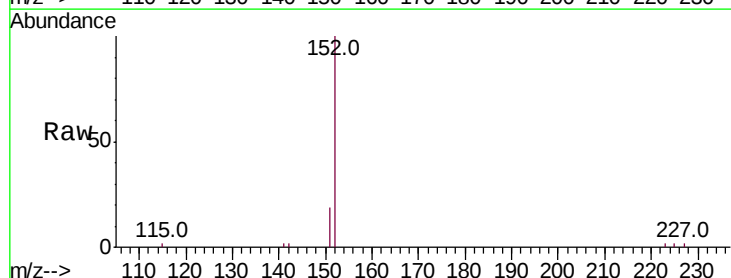


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

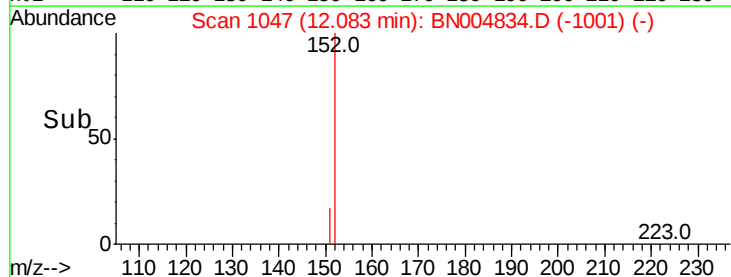
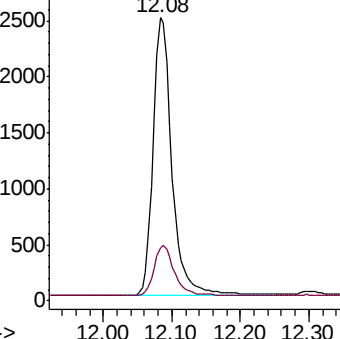


#11
 2-Methylnaphthalene-d10
 Concen: 0.397 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004834.D
 Acq: 21 Mar 2019 00:04

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



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#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

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

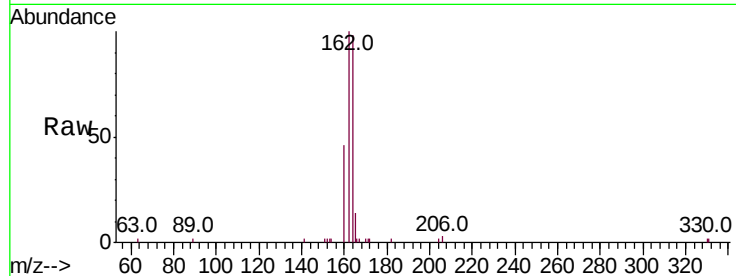
Tot Ion:164 Resp: 4329

Ion Ratio Lower Upper

164 100

162 102.6 81.9 122.9

160 46.9 36.6 54.8

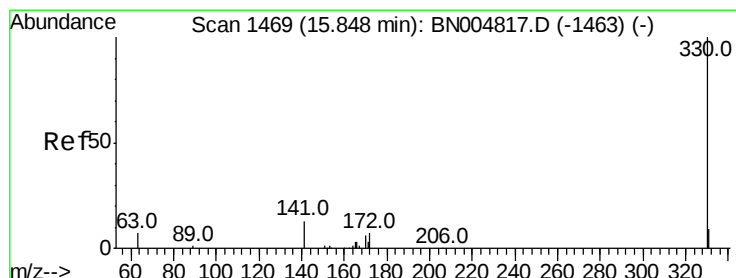
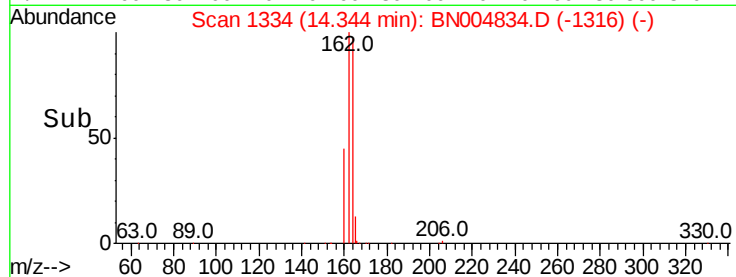
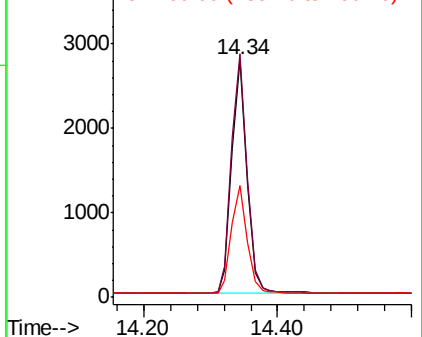


Abundance

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: 0.368 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

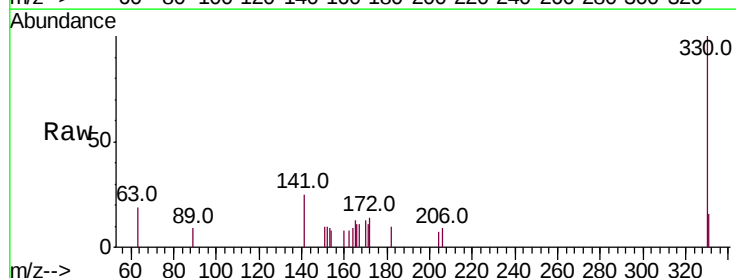
Tgt Ion:330 Resp: 1099

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 25.9 20.9 31.3

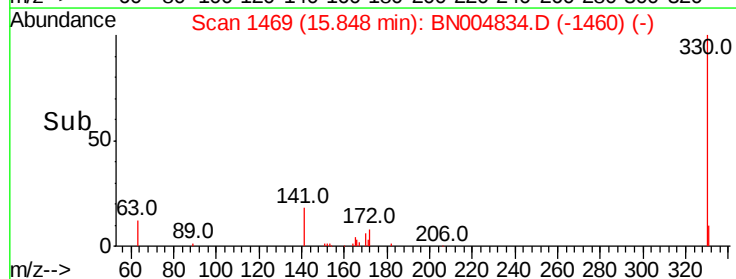
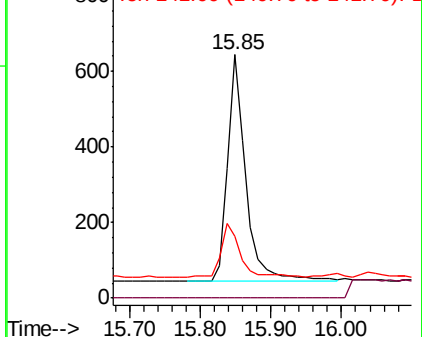


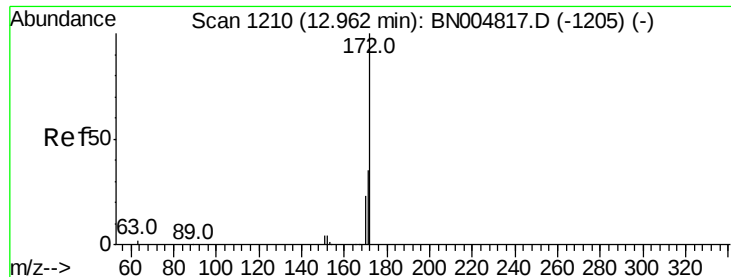
Abundance

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

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

Instrument :

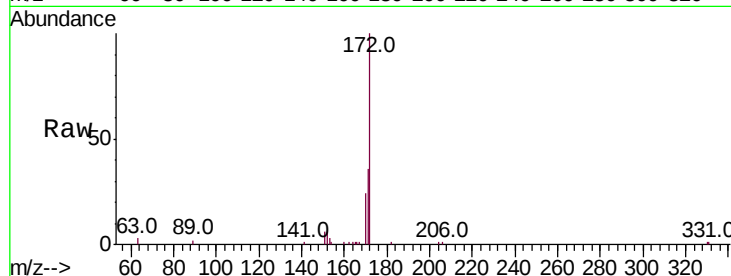
BNA_N

ClientSampleId :

C-MW-05_030719

Tot Ion:172 Resp: 7590

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.8	18.7	28.1

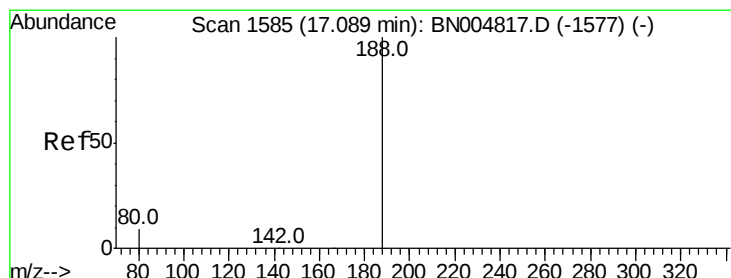
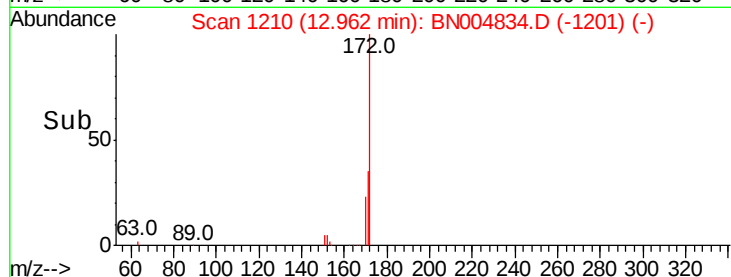
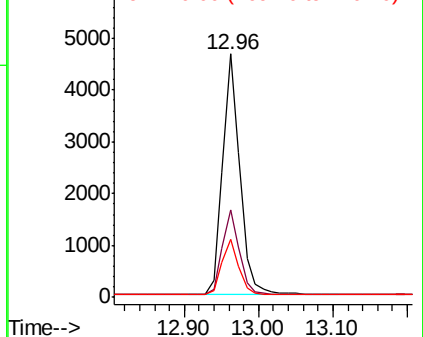


Abundance

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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

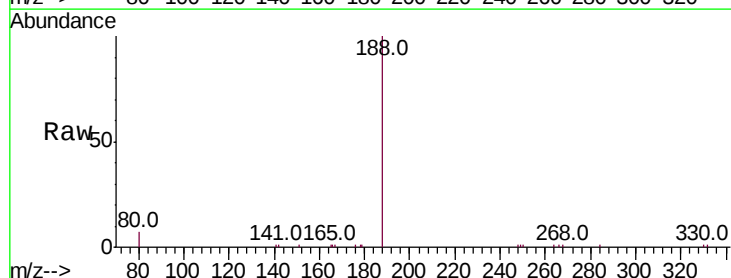
Delta R.T. 0.01 min

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

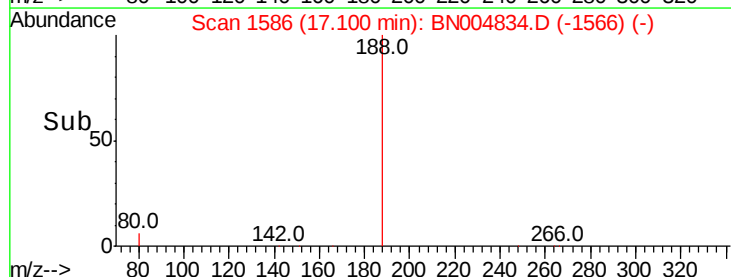
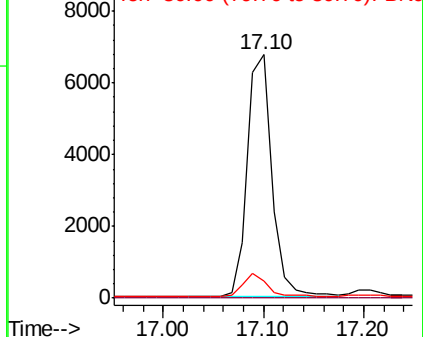


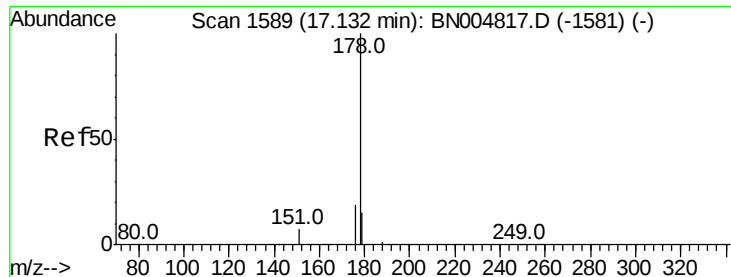
Abundance

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





#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

Instrument :

BNA_N

ClientSampleId :

C-MW-05_030719

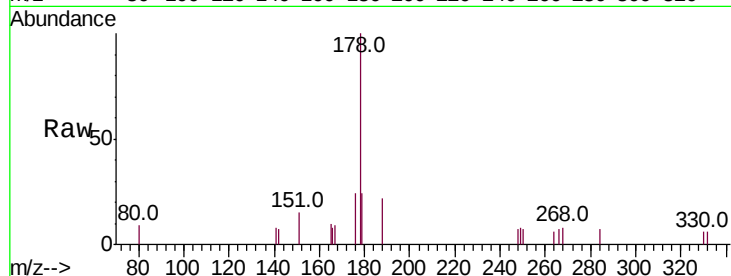
Tot Ion:178 Resp: 1142

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

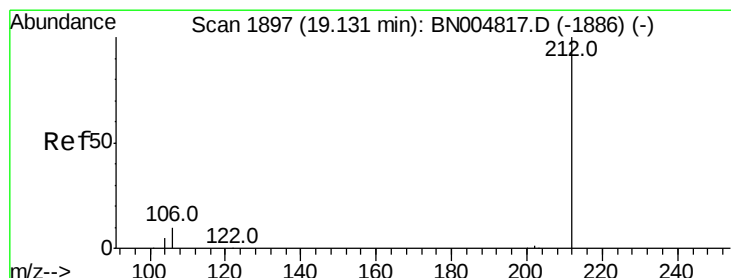
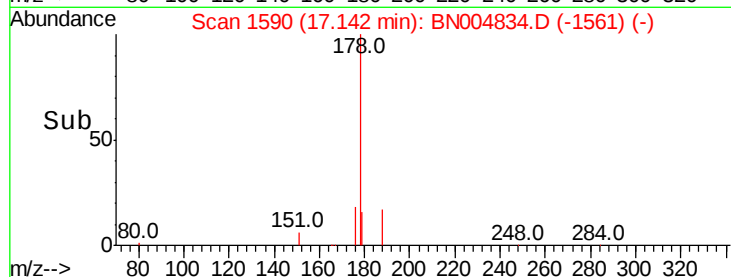
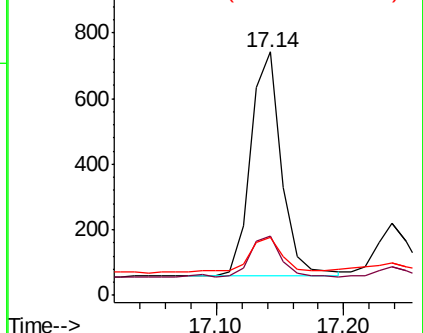
179 18.1 12.1 18.1#



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



#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

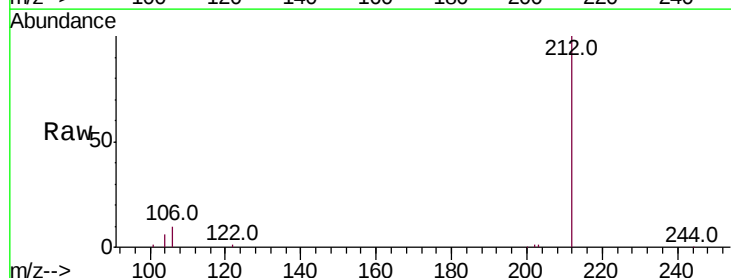
Tgt Ion:212 Resp: 16726

Ion Ratio Lower Upper

212 100

106 10.5 8.6 13.0

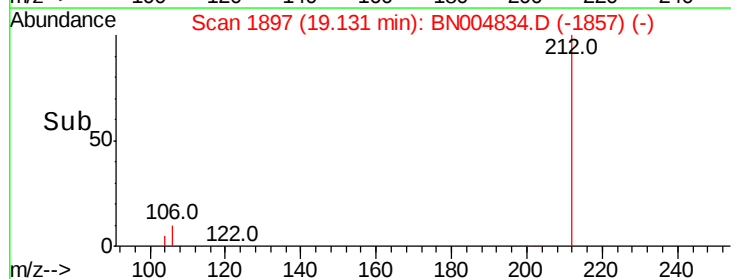
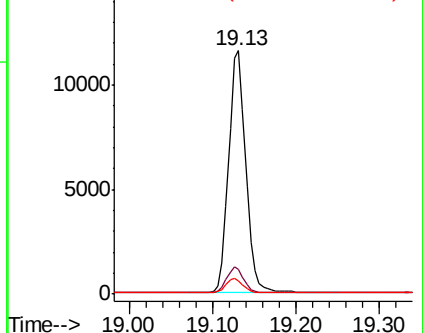
104 5.9 4.7 7.1

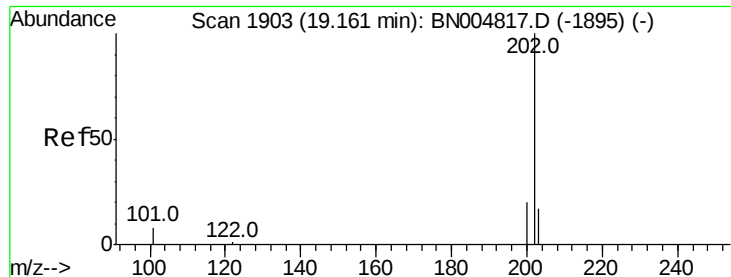


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

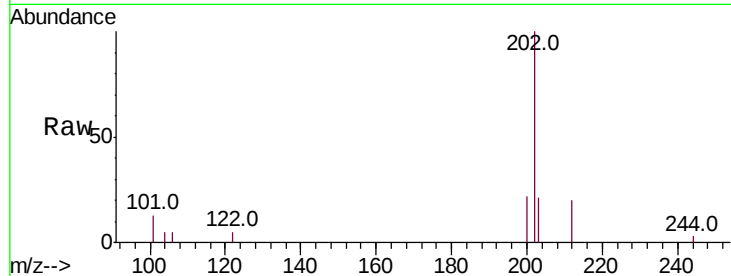




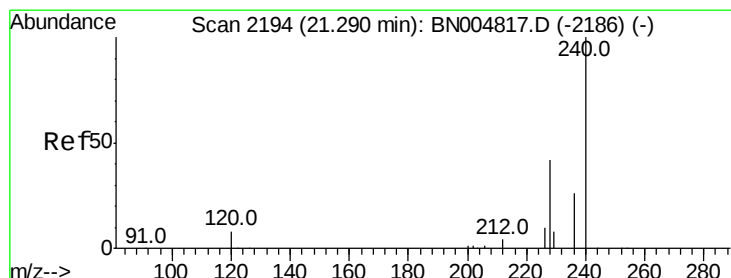
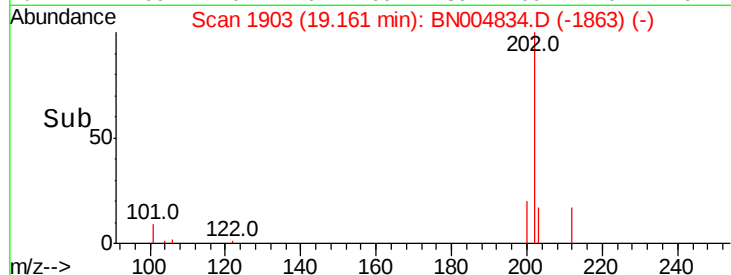
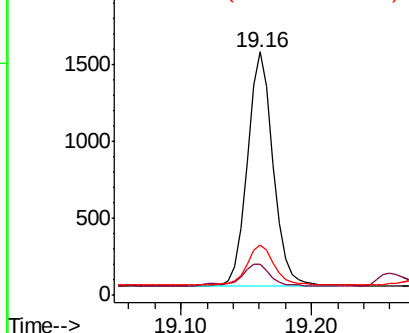
#26
Fluoranthene
Concen: 0.045 ng
RT: 19.16 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

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

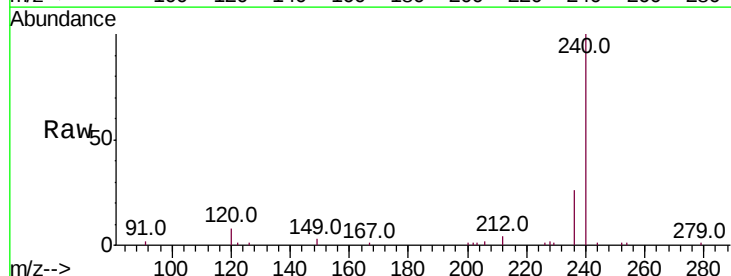


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

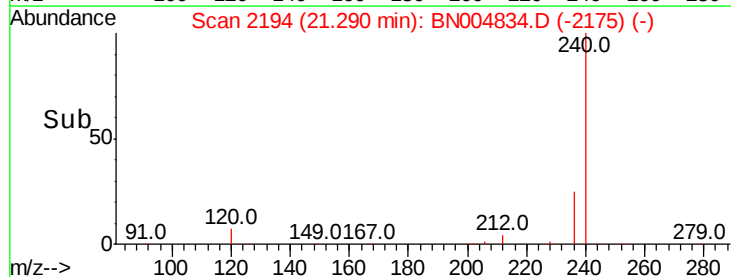
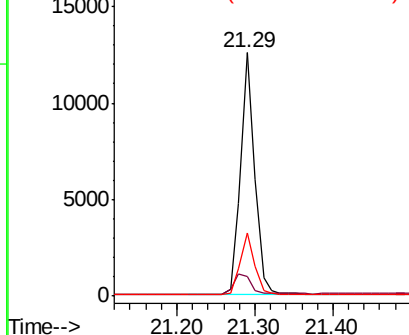


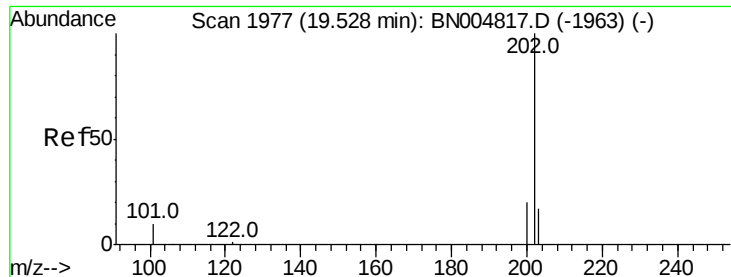
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004834.D
Acq: 21 Mar 2019 00:04

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

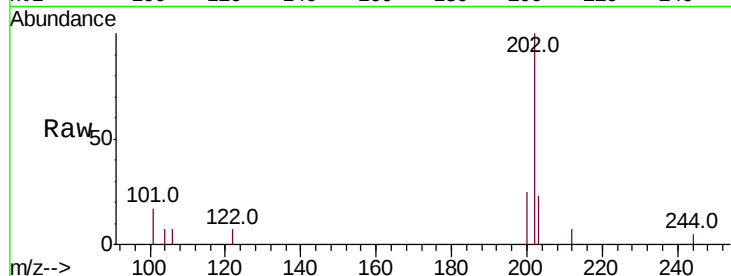
Tot Ion:202 Resp: 1420

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

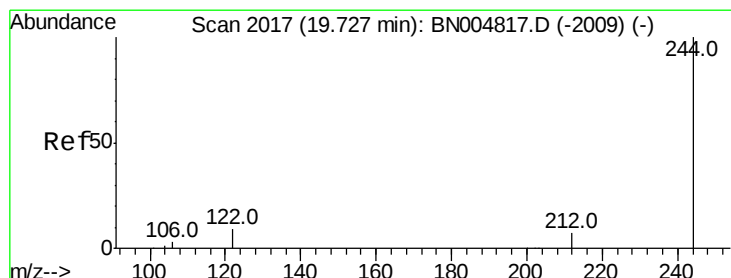
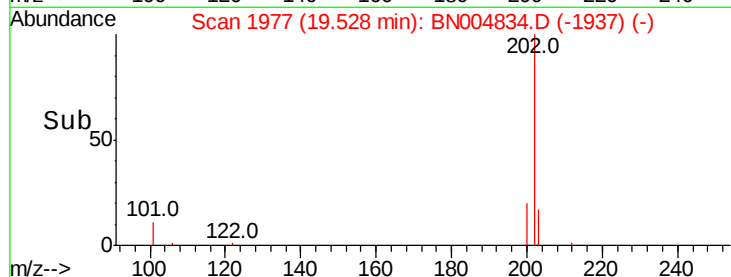
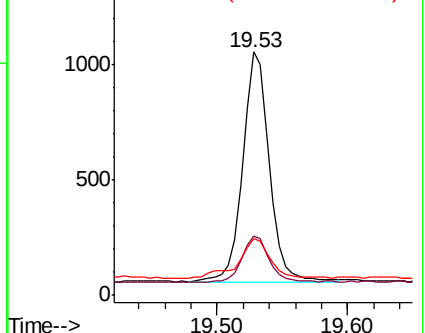
203 20.1 14.0 21.0



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

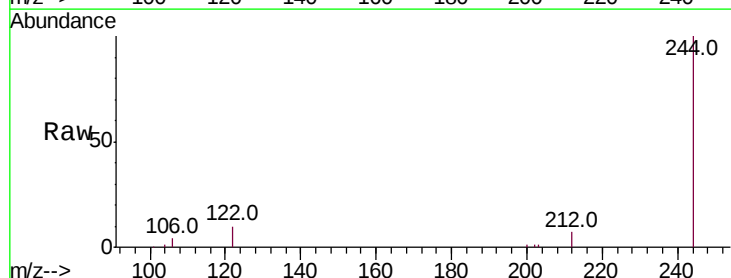
Tgt Ion:244 Resp: 18242

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

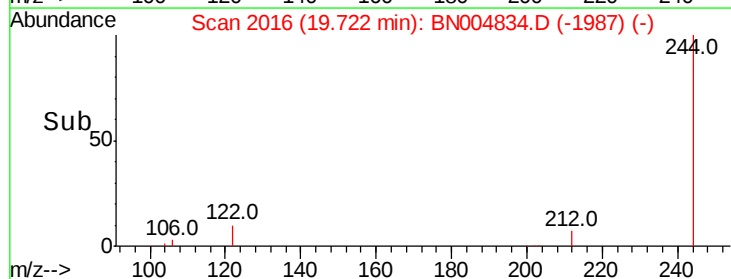
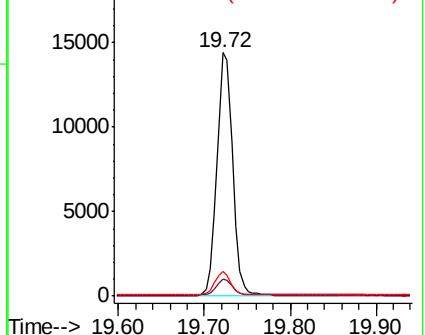
122 10.2 7.9 11.9

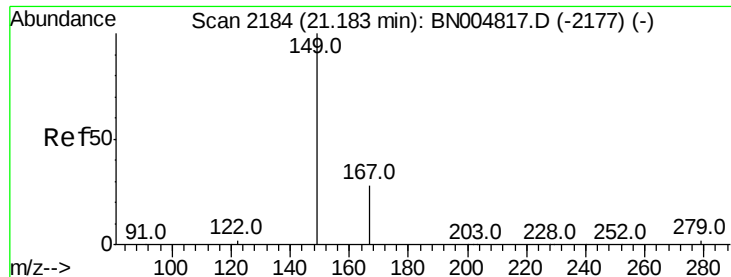


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#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

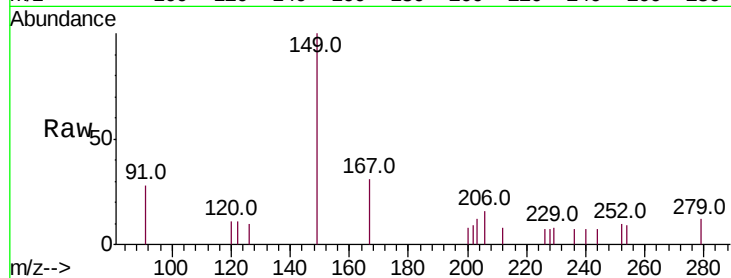
Tot Ion:149 Resp: 812

Ion Ratio Lower Upper

149 100

167 26.4 23.0 34.4

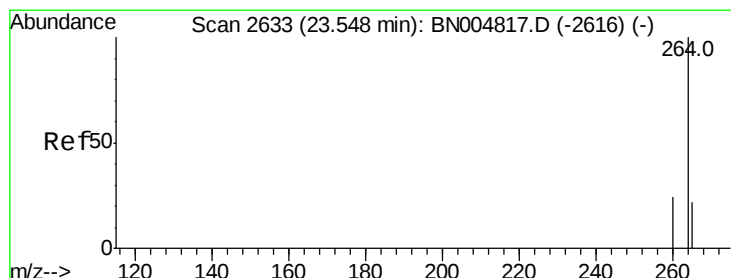
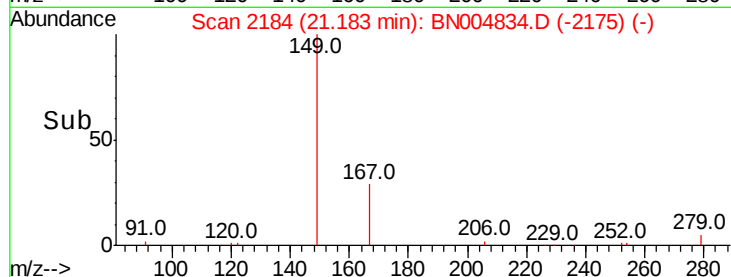
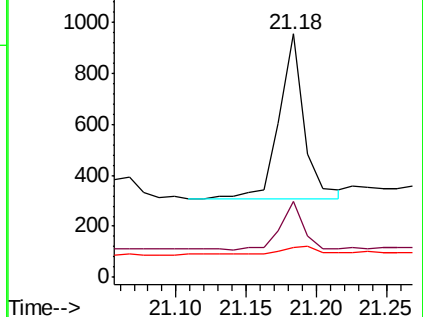
279 7.9 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.54 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BN004834.D

Acq: 21 Mar 2019 00:04

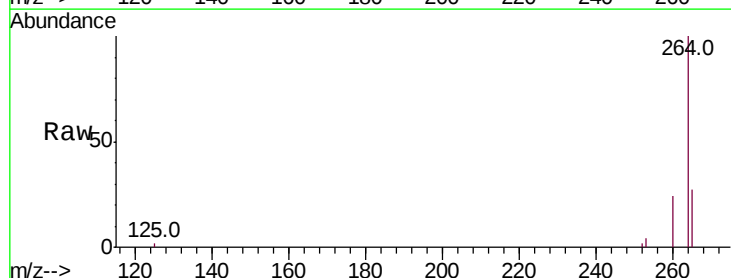
Tgt Ion:264 Resp: 17816

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 27.3 23.1 34.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

