

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004849.D
 Acq On : 21 Mar 2019 14:40
 Operator : JU/SJ
 Sample : K1842-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-07_030719

Quant Time: Mar 22 02:00:57 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

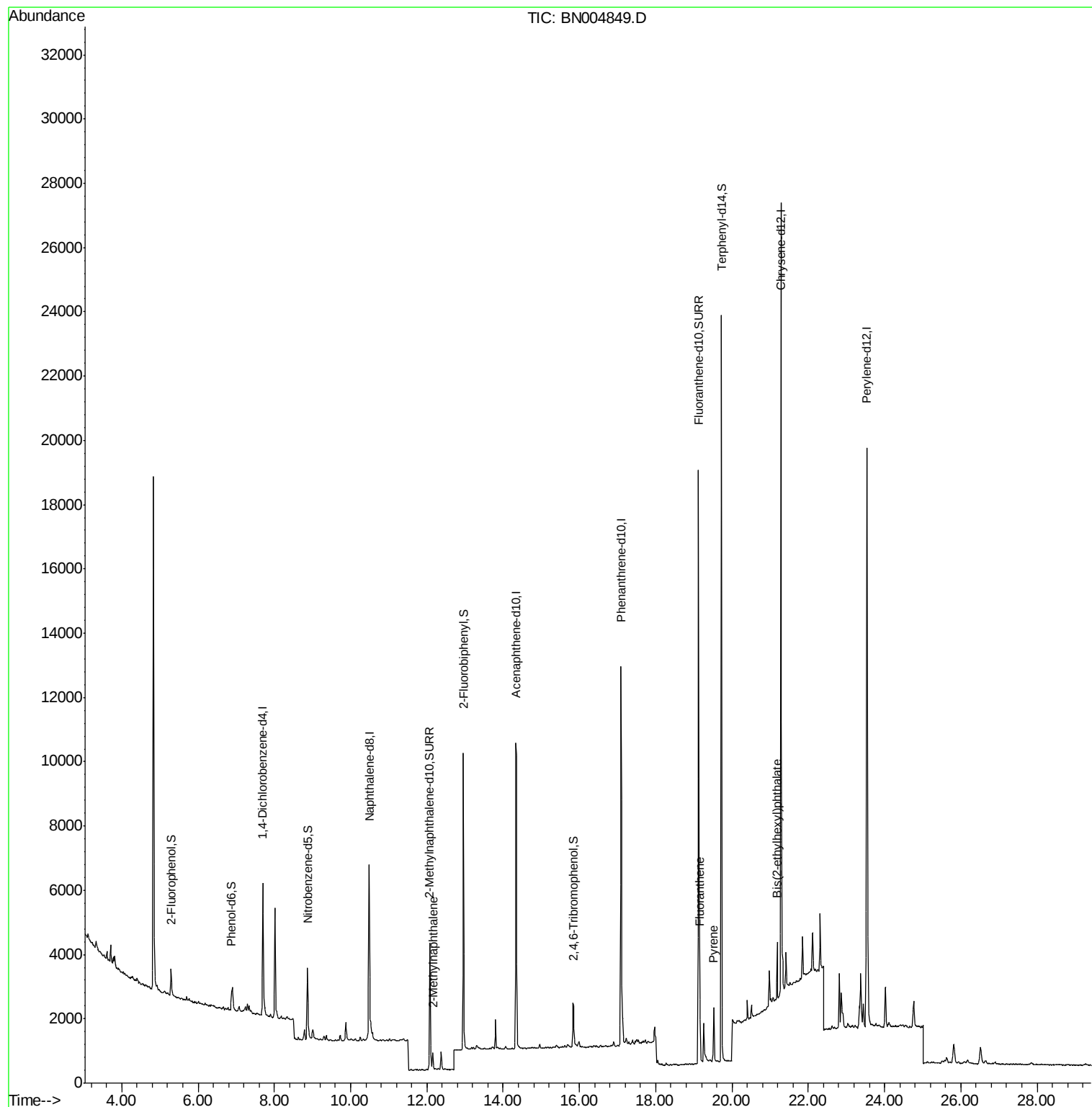
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2084	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	9410	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	6144	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	16242	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21852	0.40	ng	0.00
34) Perylene-d12	23.54	264	24305	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	881	0.16	ng	0.00
5) Phenol-d6	6.88	99	704	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	2042	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5898	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1550	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	9457	0.37	ng	0.00
25) Fluoranthene-d10	19.13	212	21638	0.40	ng	0.00
29) Terphenyl-d14	19.72	244	22995	0.51	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.15	142	396	0.020	ng	# 90
26) Fluoranthene	19.16	202	1840	0.027	ng	# 98
28) Pyrene	19.52	202	1587	0.024	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.18	149	1557	0.054	ng	# 96

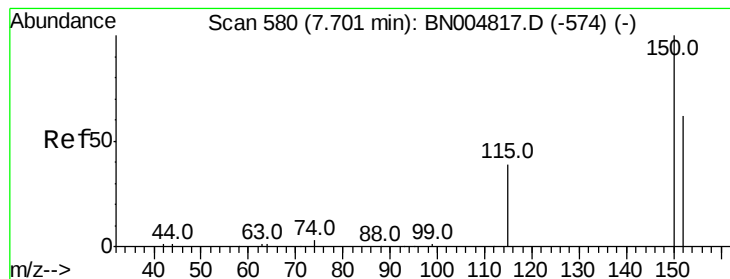
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN004849.D

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Instrument :

BNA_N

ClientSampleId :

C-MW-07_030719

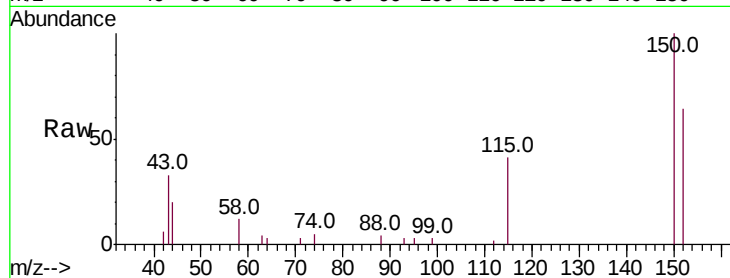
Tot Ion:152 Resp: 2084

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.4

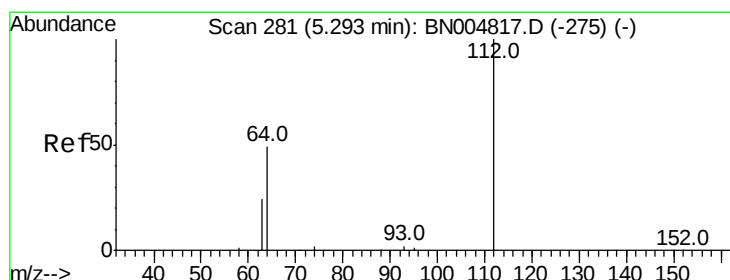
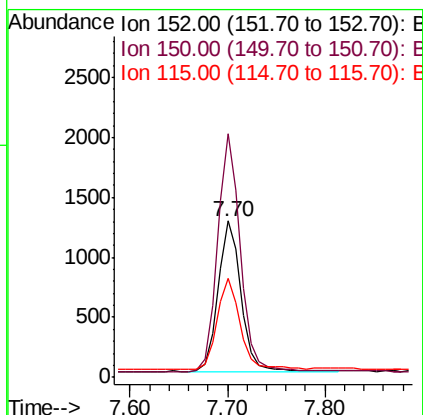
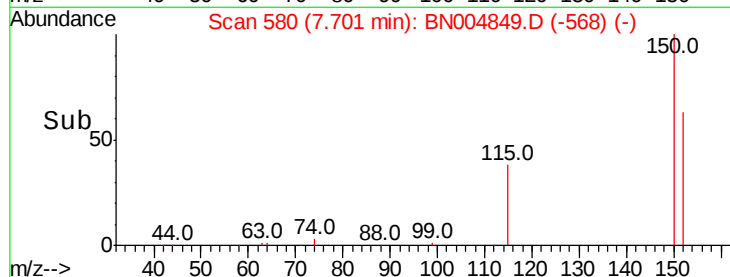
115 63.4 52.6 79.0



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: 0.156 ng

RT: 5.29 min Scan# 281

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

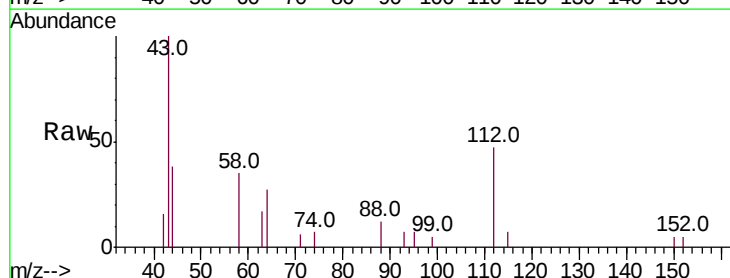
Tgt Ion:112 Resp: 881

Ion Ratio Lower Upper

112 100

64 51.6 40.0 60.0

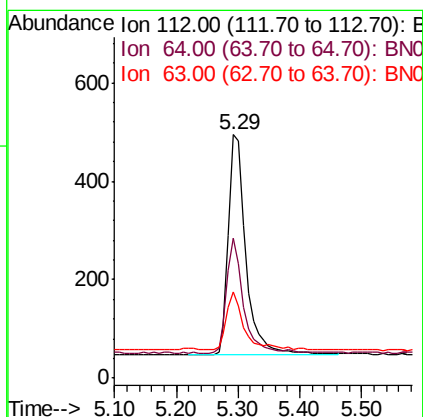
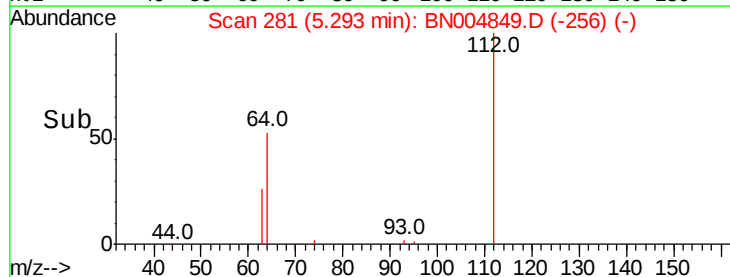
63 26.8 20.2 30.2



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: 0.100 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

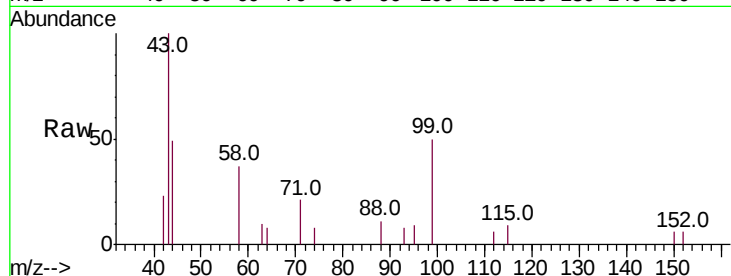
BNA_N

ClientSampleId :

C-MW-07_030719

Tot Ion: 99 Resp: 704

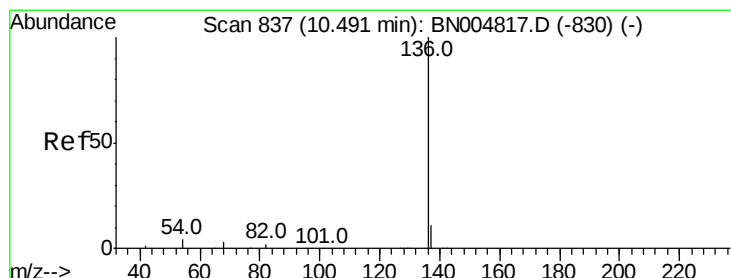
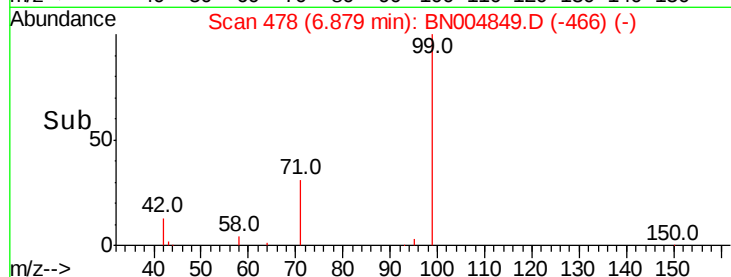
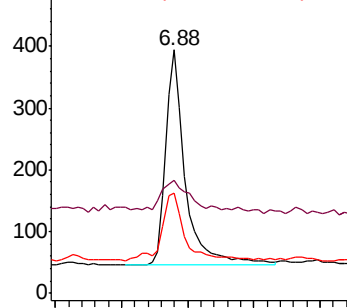
Ion	Ratio	Lower	Upper
99	100		
42	18.6	12.7	19.1
71	38.5	26.6	40.0



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

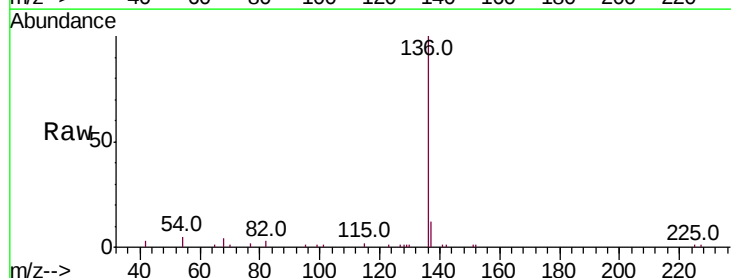
Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Tgt Ion: 136 Resp: 9410

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	4.6	4.2	6.2
68	4.3	3.9	5.9

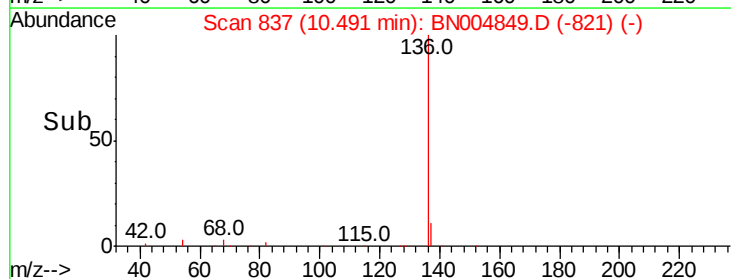
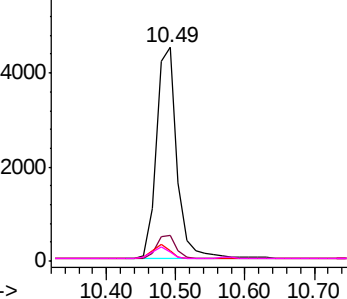


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

ClientSampleId :

C-MW-07_030719

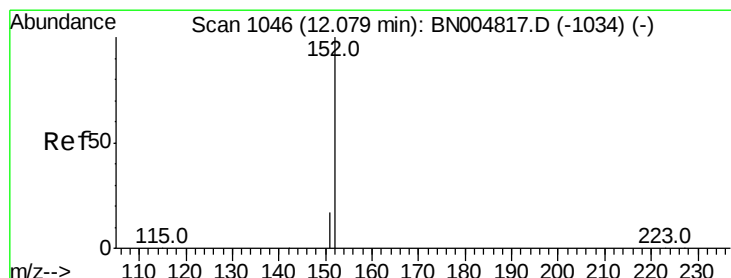
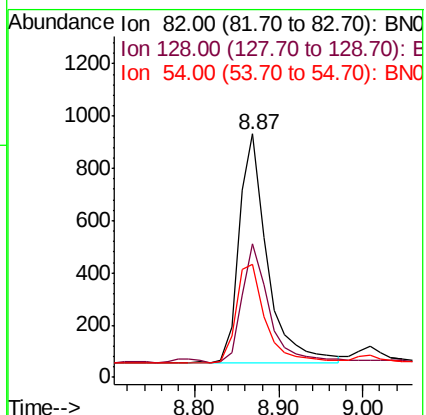
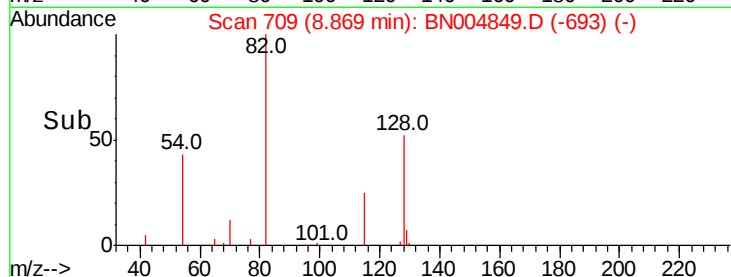
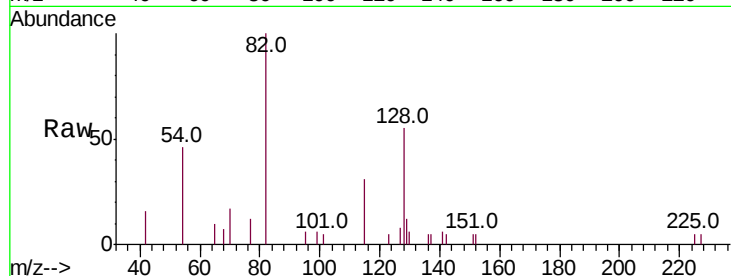
Tot Ion: 82 Resp: 2042

Ion Ratio Lower Upper

82 100

128 54.8 43.0 64.6

54 46.5 35.3 52.9



#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004849.D

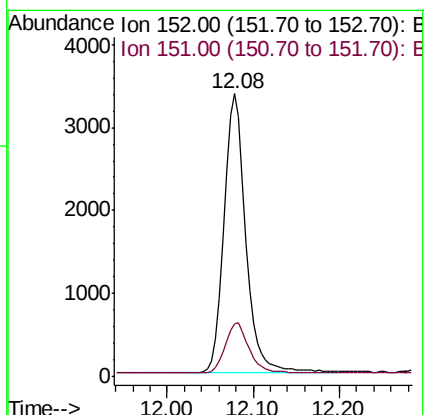
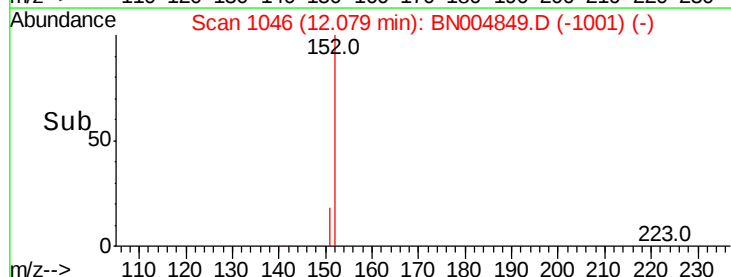
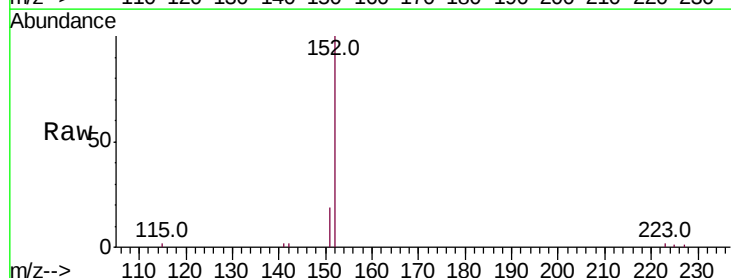
Acq: 21 Mar 2019 14:40

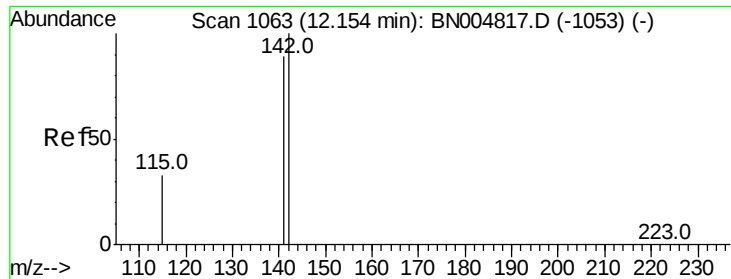
Tgt Ion: 152 Resp: 5898

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

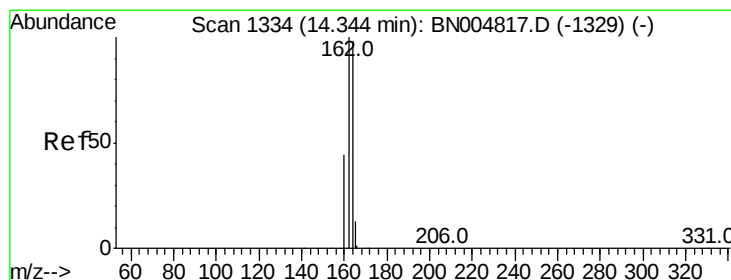
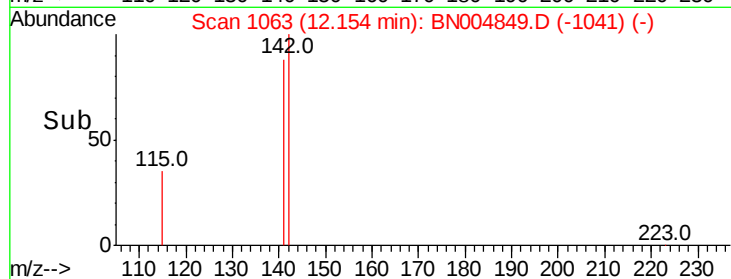
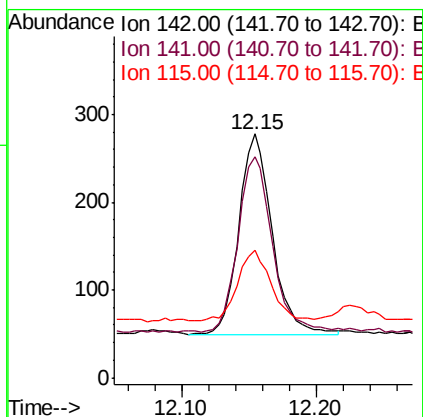
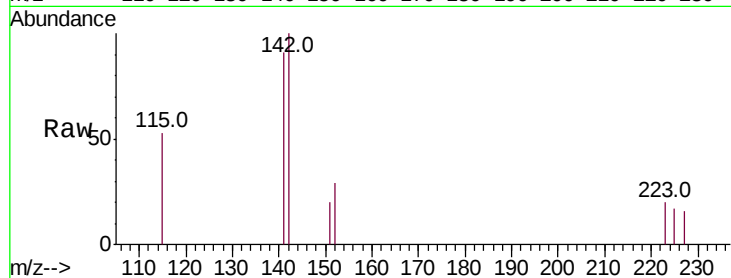




#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.15 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

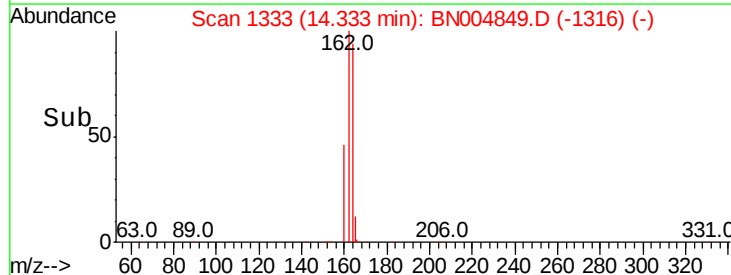
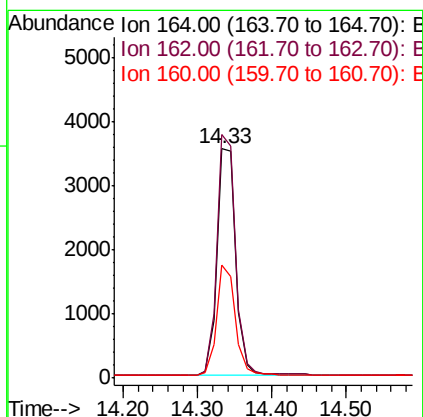
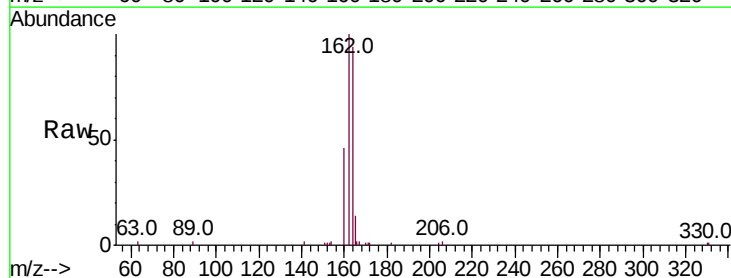
Instrument :
BNA_N
ClientSampleId :
C-MW-07_030719

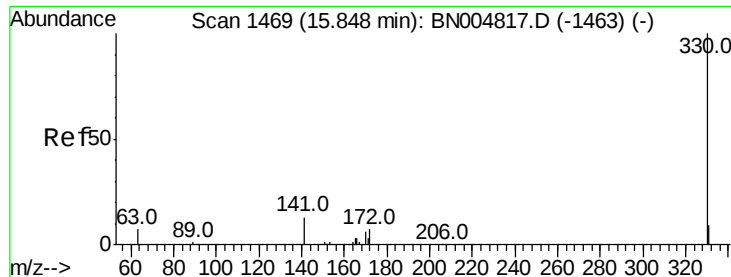
Tot Ion:142 Resp: 396
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2
115 52.5 27.5 41.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Tgt Ion:164 Resp: 6144
Ion Ratio Lower Upper
164 100
162 106.3 81.9 122.9
160 49.2 36.6 54.8

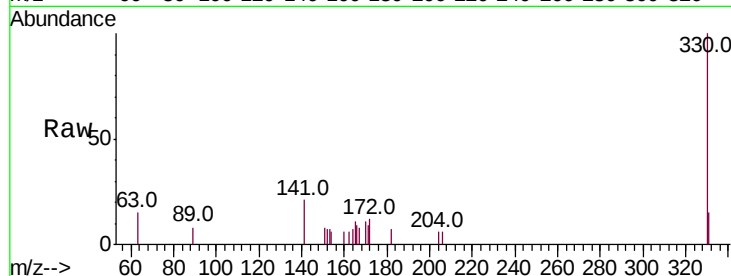




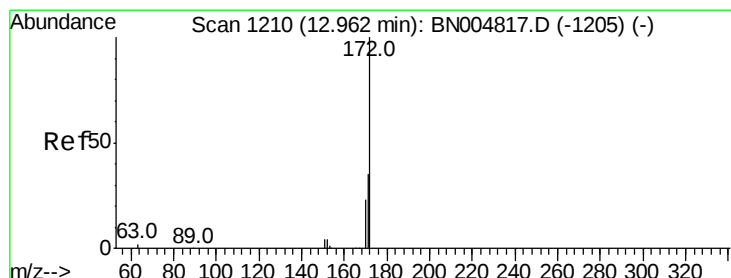
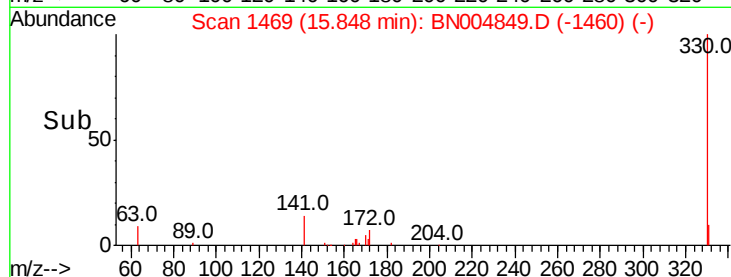
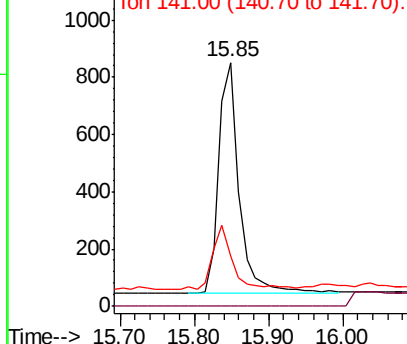
#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.85 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BN004849.D
 Acq: 21 Mar 2019 14:40

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-07_030719

Tot Ion:330 Resp: 1550
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 26.8 20.9 31.3

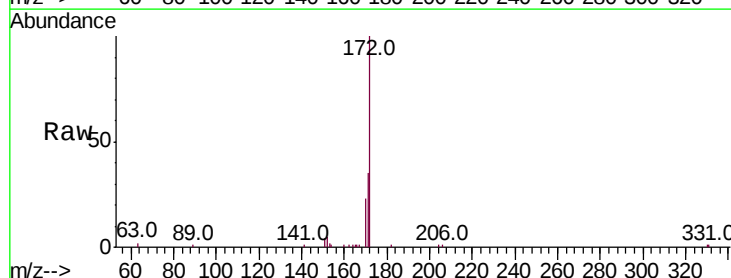


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

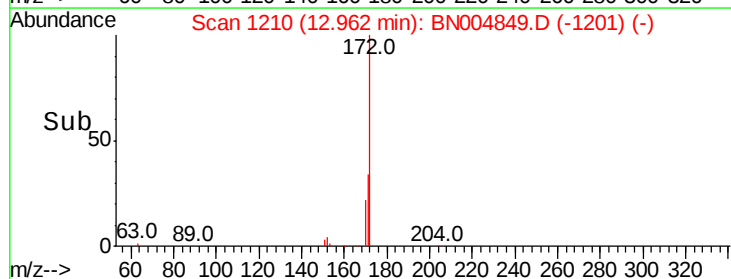
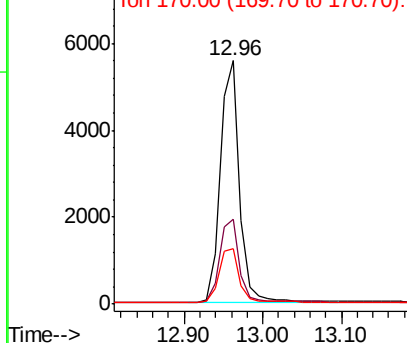


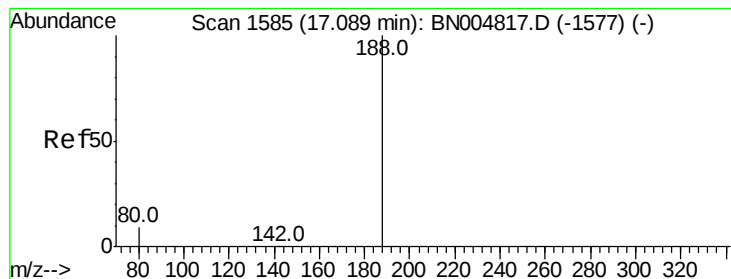
#15
 2-Fluorobiphenyl
 Concen: 0.372 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BN004849.D
 Acq: 21 Mar 2019 14:40

Tgt Ion:172 Resp: 9457
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 22.6 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: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

ClientSampleId :

C-MW-07_030719

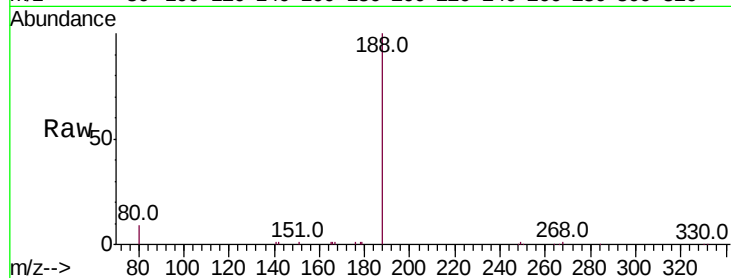
Tot Ion:188 Resp: 16242

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

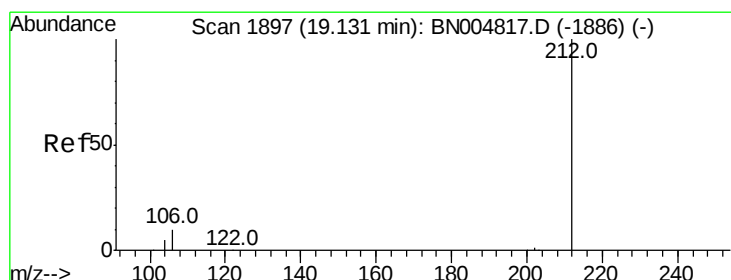
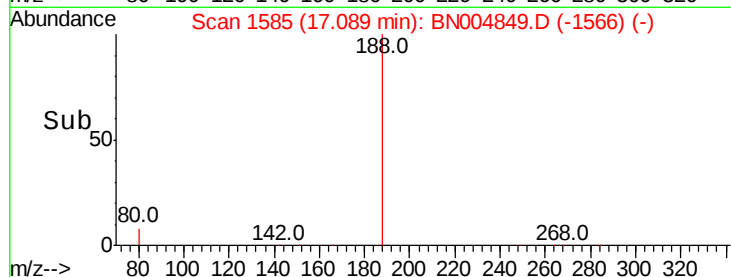
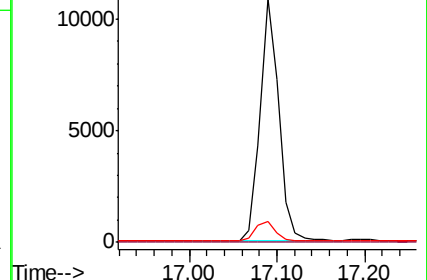
80 8.7 7.4 11.2



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



#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

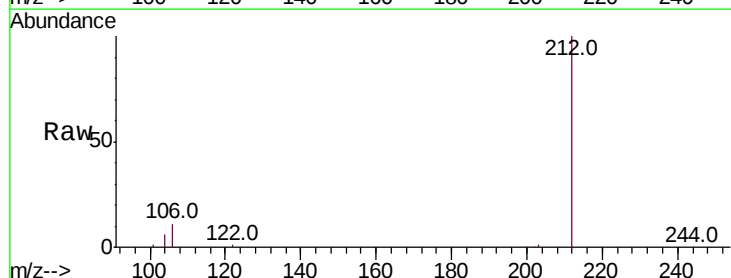
Tgt Ion:212 Resp: 21638

Ion Ratio Lower Upper

212 100

106 11.0 8.6 13.0

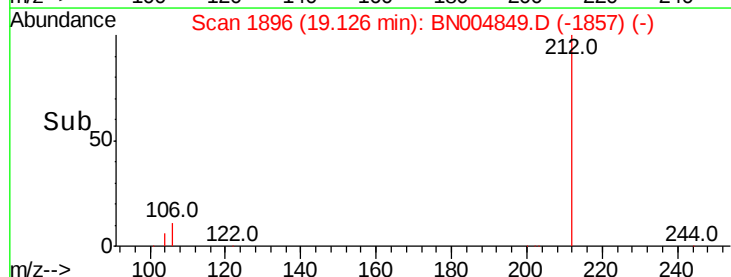
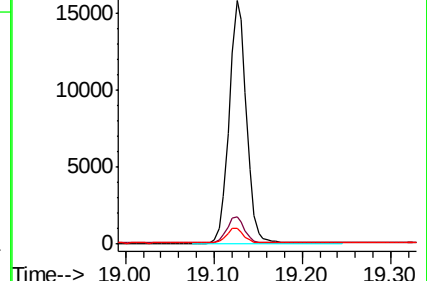
104 6.1 4.7 7.1

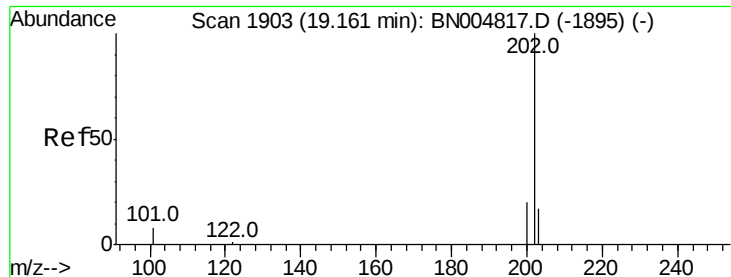


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

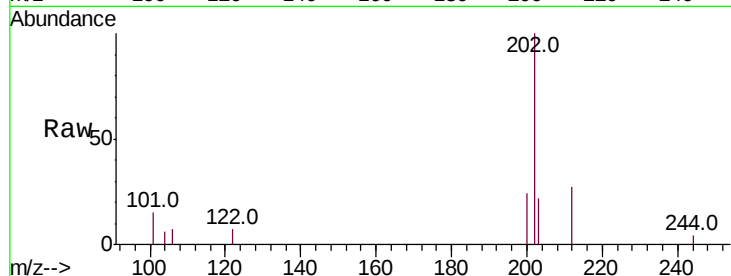




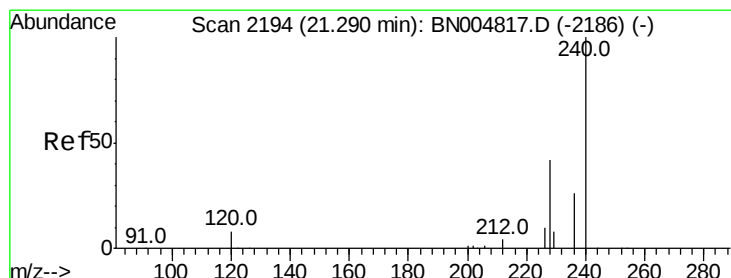
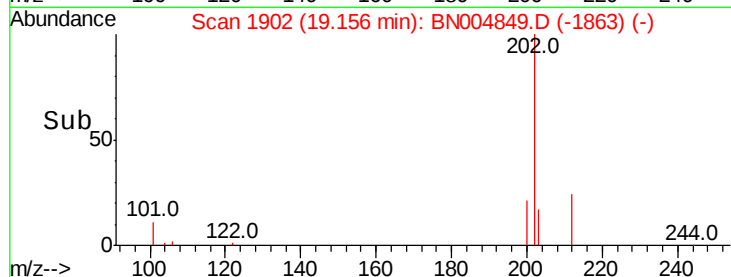
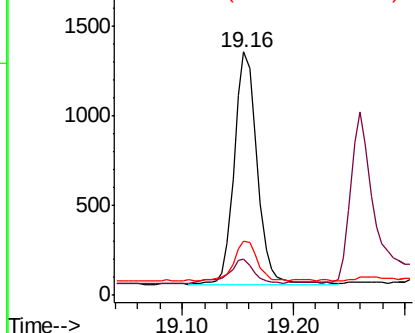
#26
Fluoranthene
 Concen: 0.027 ng
 RT: 19.16 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BN004849.D
 Acq: 21 Mar 2019 14:40

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-07_030719

Tot Ion:202 Resp: 1840
 Ion Ratio Lower Upper
 202 100
 101 11.6 7.5 11.3#
 203 17.4 13.8 20.6

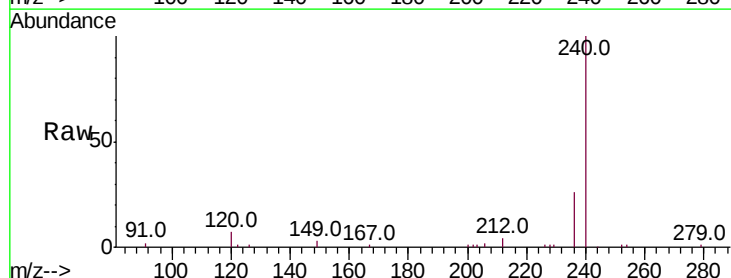


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

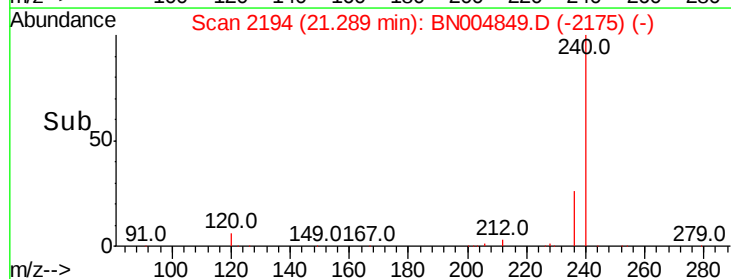
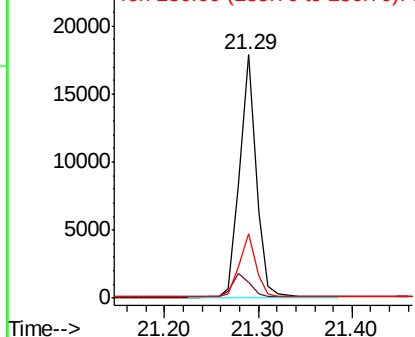


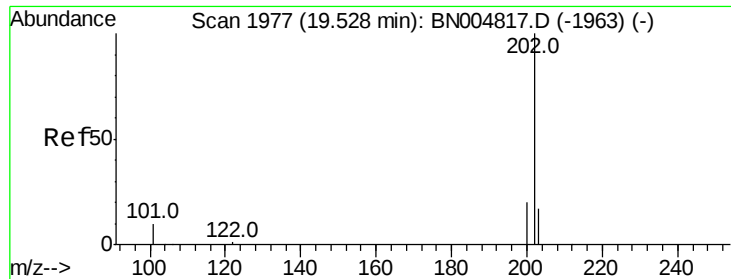
#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BN004849.D
 Acq: 21 Mar 2019 14:40

Tgt Ion:240 Resp: 21852
 Ion Ratio Lower Upper
 240 100
 120 6.7 7.2 10.8#
 236 26.3 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

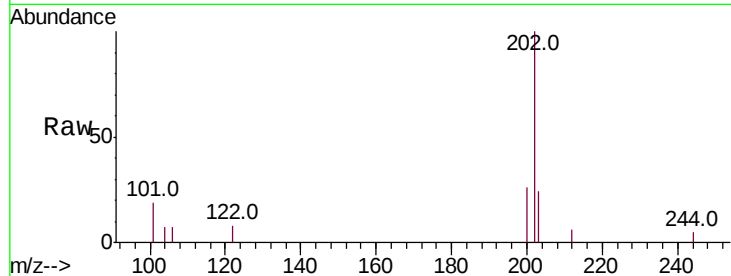




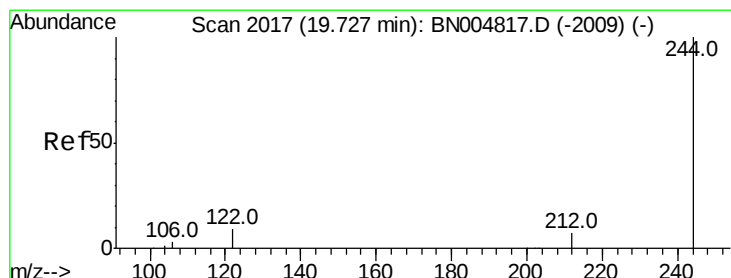
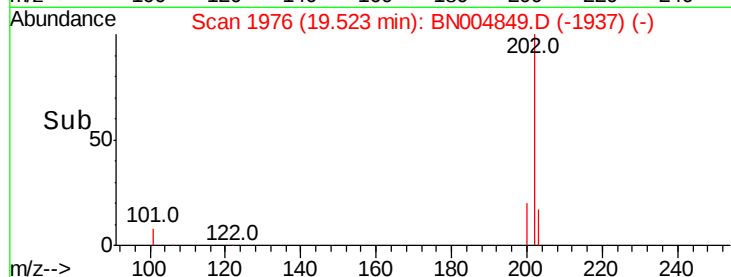
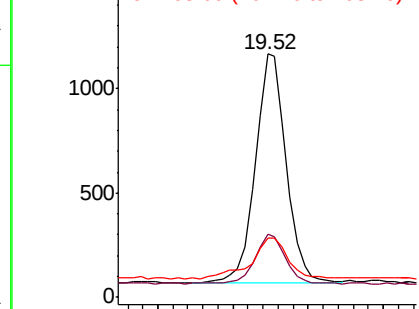
#28
Pvrene
Concen: 0.024 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Instrument :
BNA_N
ClientSampleId :
C-MW-07_030719

Tot Ion:202 Resp: 1587
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 21.3 14.0 21.0#

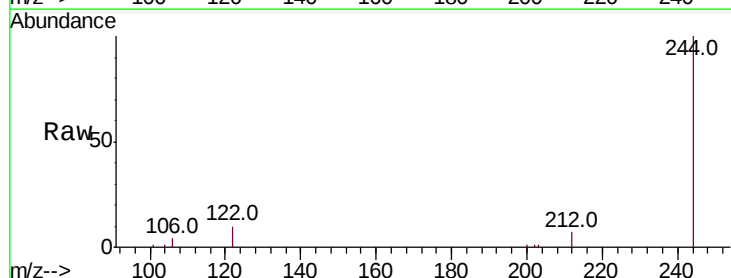


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

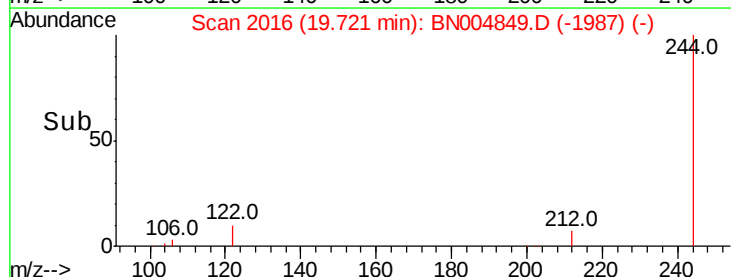
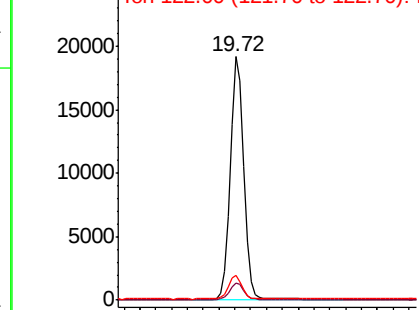


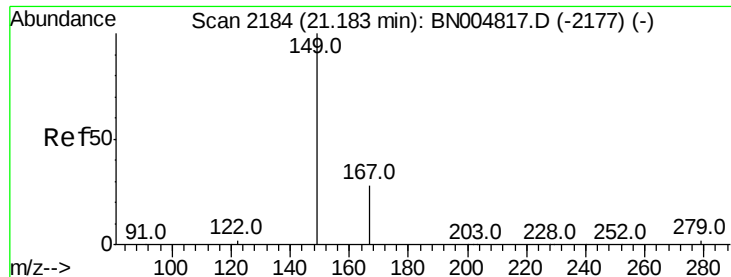
#29
Terphenyl-d14
Concen: 0.514 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Tgt Ion:244 Resp: 22995
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: 0.054 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

ClientSampleId :

C-MW-07_030719

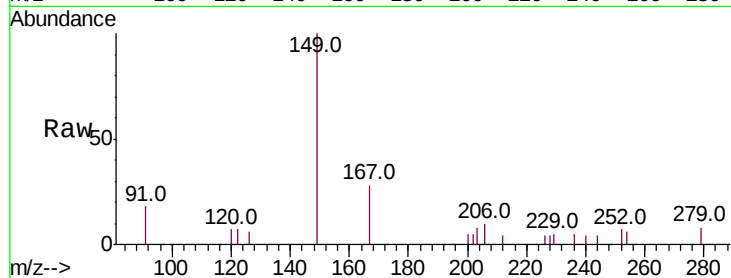
Tot Ion:149 Resp: 1557

Ion Ratio Lower Upper

149 100

167 26.3 23.0 34.4

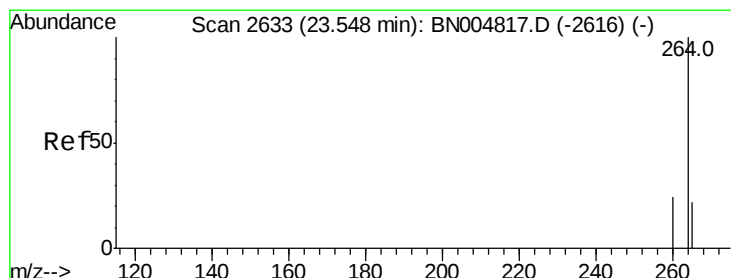
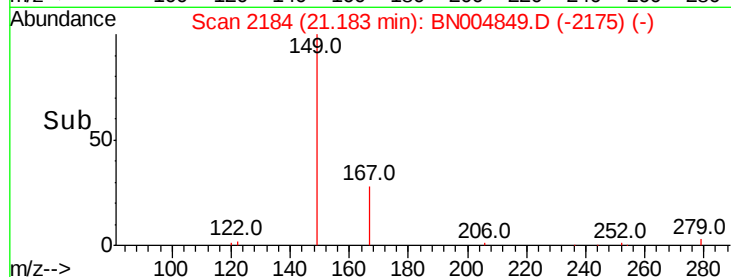
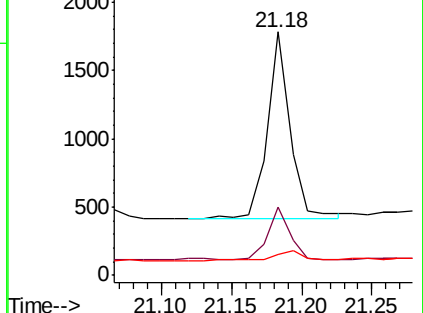
279 7.2 4.6 6.8#



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: BN004849.D

Acq: 21 Mar 2019 14:40

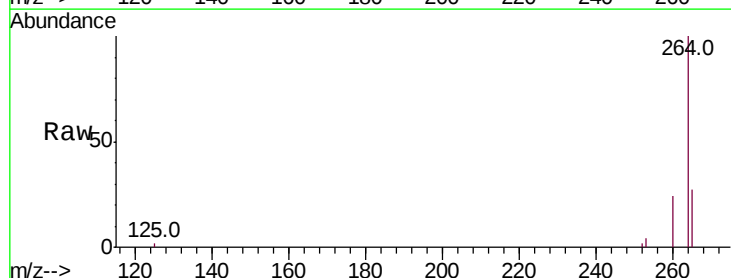
Tgt Ion:264 Resp: 24305

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 26.8 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

