

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004847.D
 Acq On : 21 Mar 2019 13:29
 Operator : JU/SJ
 Sample : K1842-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-09_030719

Quant Time: Mar 22 02:00:37 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

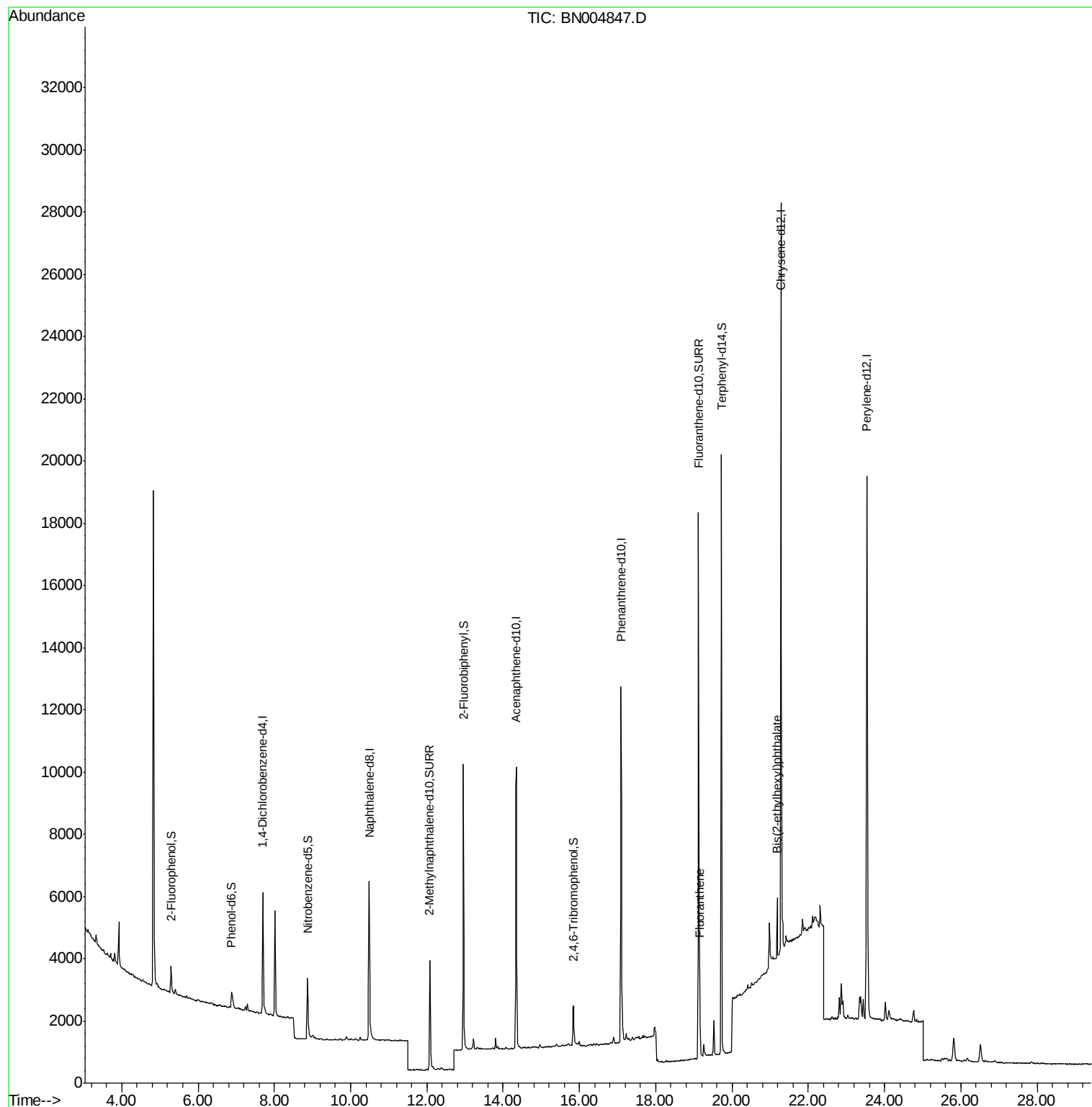
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1999	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	9017	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5859	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15732	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21763	0.40	ng	0.00
34) Perylene-d12	23.54	264	24231	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	902	0.17	ng	0.00
5) Phenol-d6	6.88	99	694	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	2110	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5533	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1478	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	9383	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	19958	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	18994	0.43	ng	0.00
Target Compounds						
26) Fluoranthene	19.16	202	1336	0.020	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.18	149	1610	0.056	ng	# 97

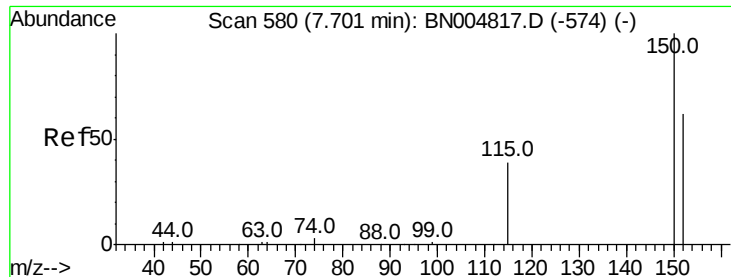
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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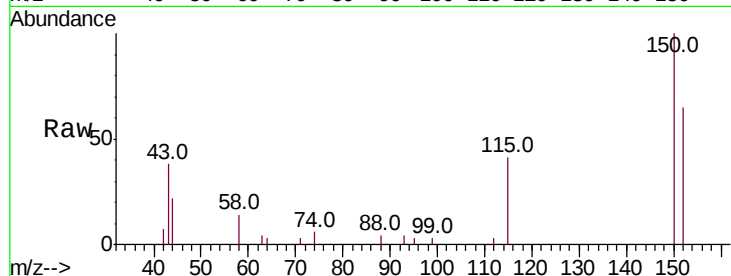


#1

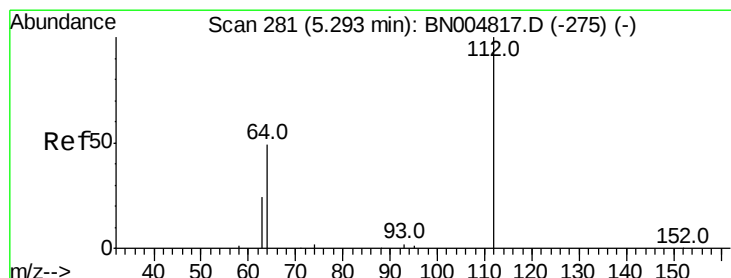
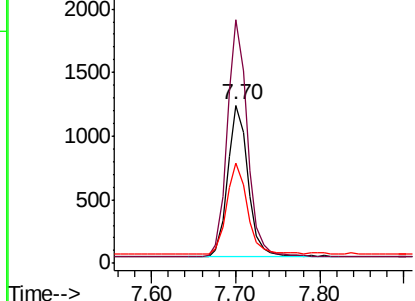
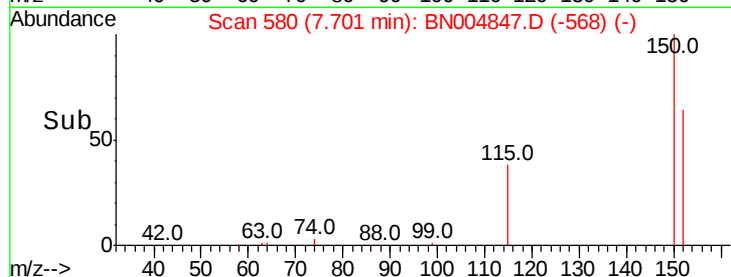
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BN004847.D
 Acq: 21 Mar 2019 13:29

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-09_030719

Tot Ion:152 Resp: 1999
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.2 189.4
 115 63.1 52.6 79.0



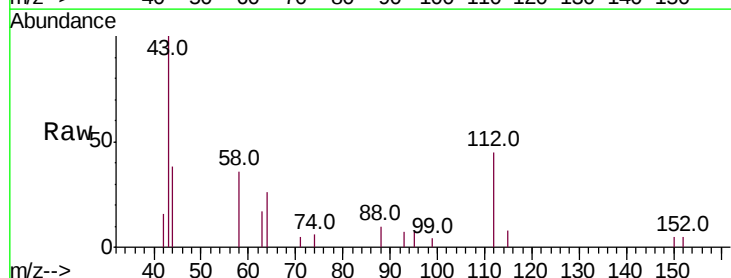
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



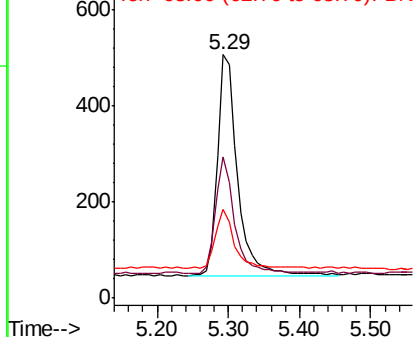
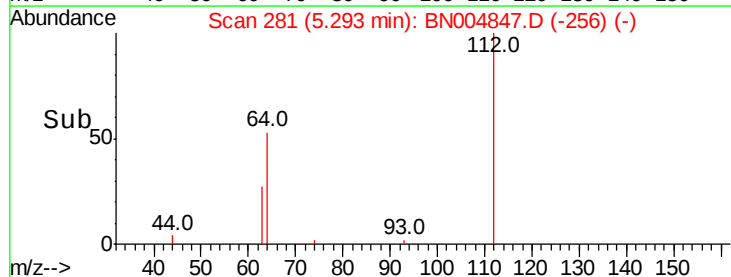
#4

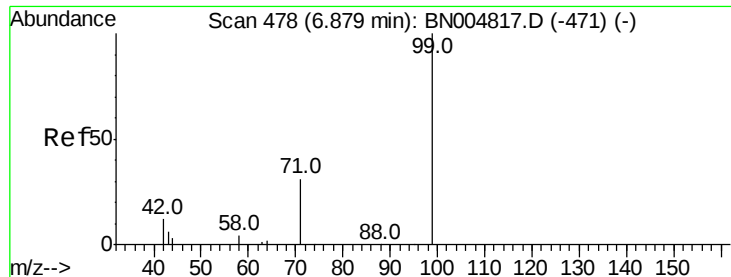
2-Fluorophenol
 Concen: 0.166 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004847.D
 Acq: 21 Mar 2019 13:29

Tgt Ion:112 Resp: 902
 Ion Ratio Lower Upper
 112 100
 64 49.6 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: 0.103 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

C-MW-09_030719

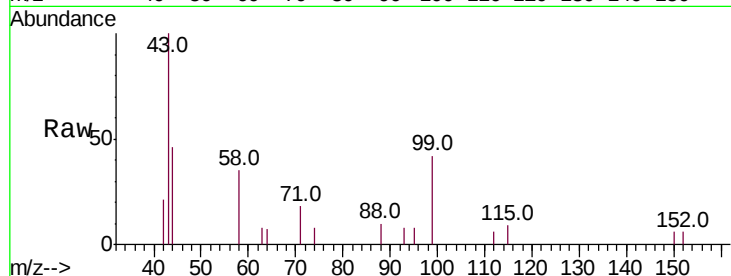
Tot Ion: 99 Resp: 694

Ion Ratio Lower Upper

99 100

42 14.1 12.7 19.1

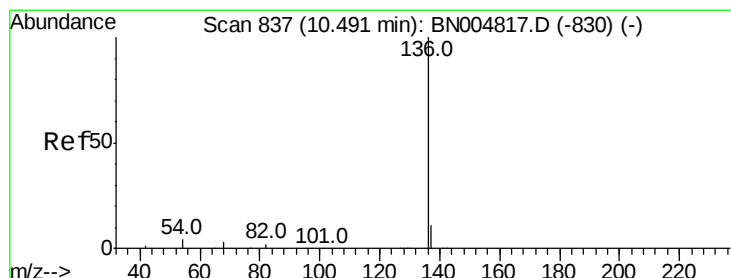
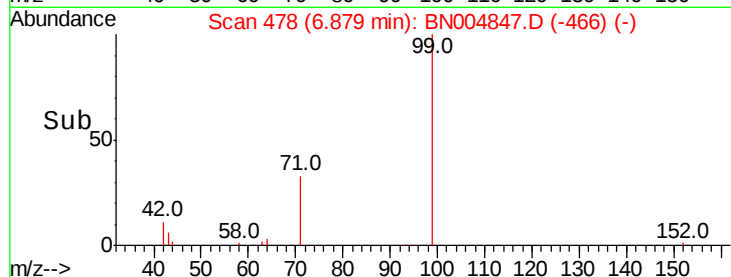
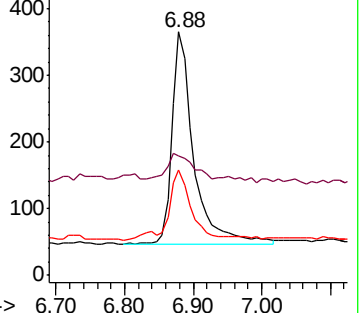
71 36.6 26.6 40.0



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

Tgt Ion: 136 Resp: 9017

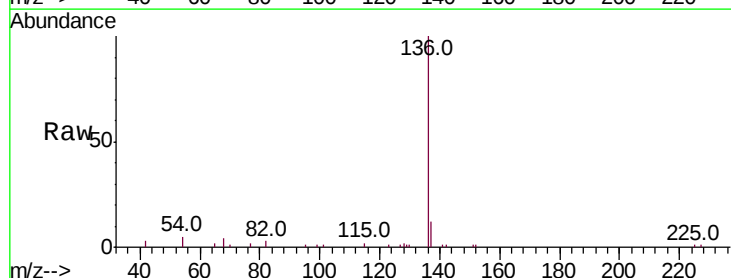
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 5.0 4.2 6.2

68 4.5 3.9 5.9

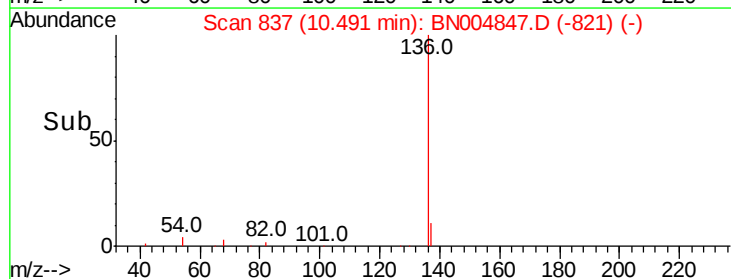
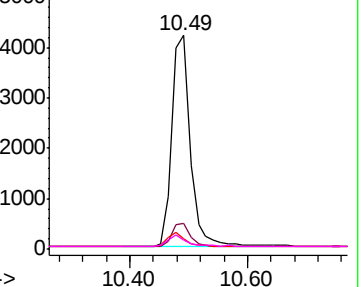


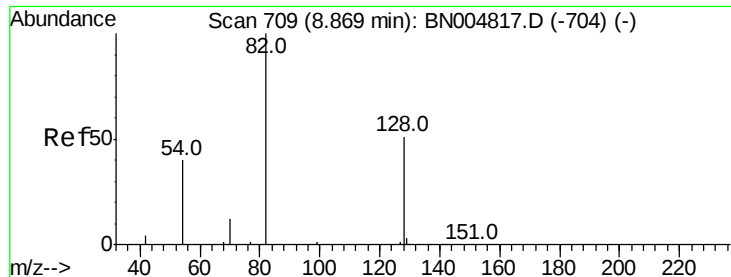
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

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) (-)

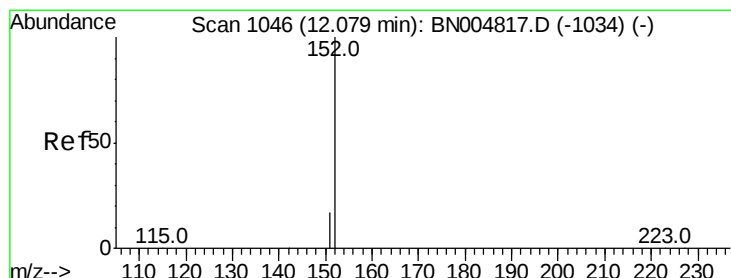
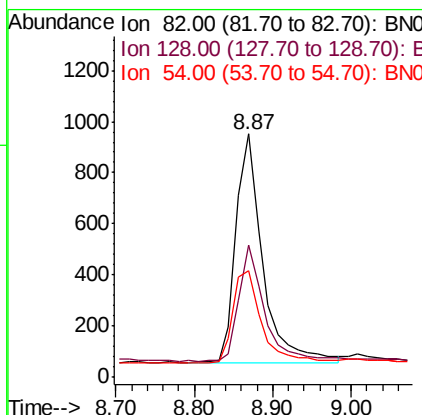
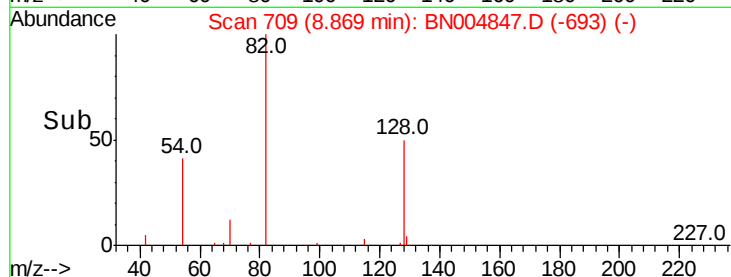
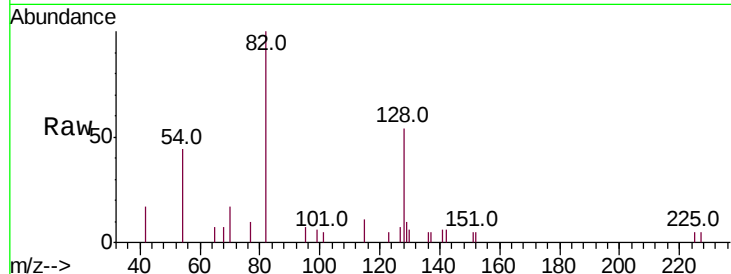




#8
 Nitrobenzene-d5
 Concen: 0.354 ng
 RT: 8.87 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN004847.D
 Acq: 21 Mar 2019 13:29

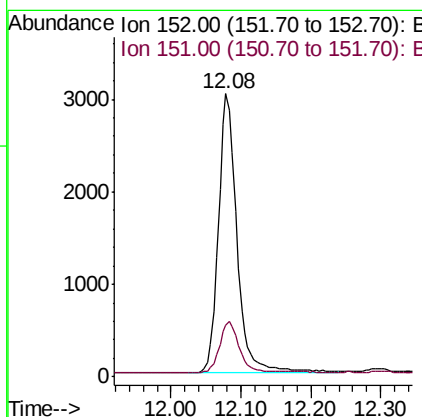
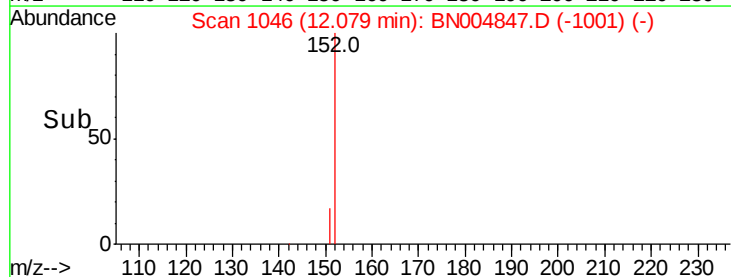
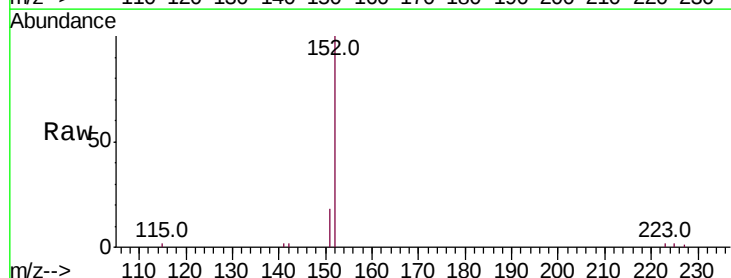
Instrument :
 BNA_N
 ClientSampleId :
 C-MW-09_030719

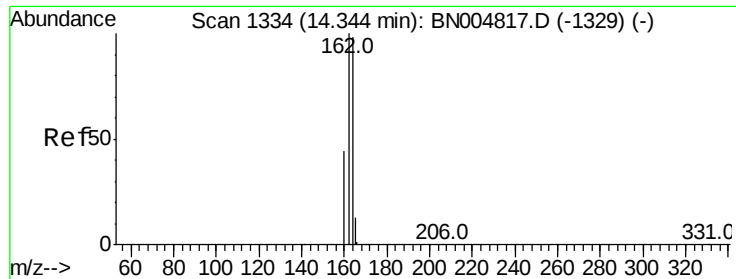
Tot Ion: 82 Resp: 2110
 Ion Ratio Lower Upper
 82 100
 128 54.1 43.0 64.6
 54 44.0 35.3 52.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN004847.D
 Acq: 21 Mar 2019 13:29

Tgt Ion: 152 Resp: 5533
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

C-MW-09_030719

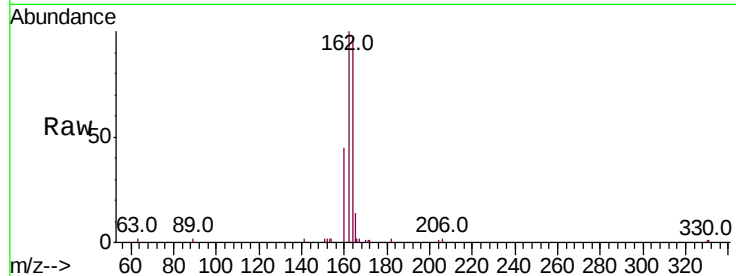
Tot Ion:164 Resp: 5859

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

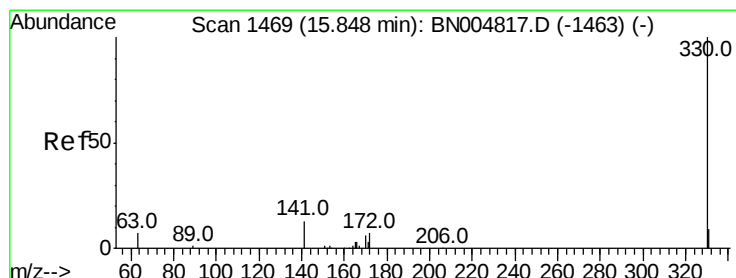
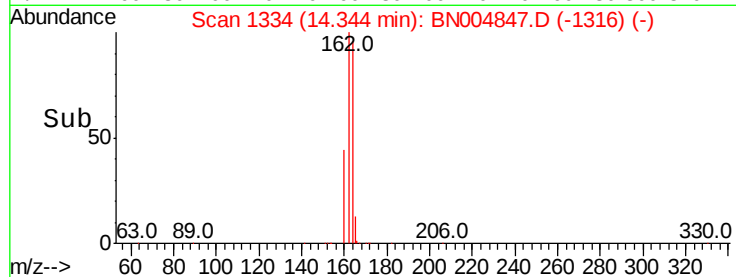
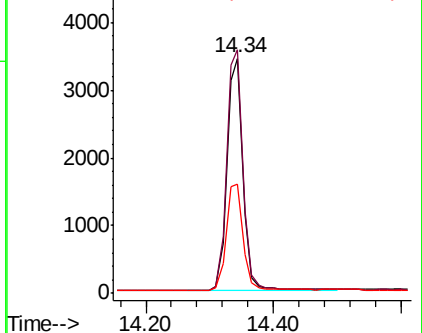
160 46.3 36.6 54.8



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: 0.365 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

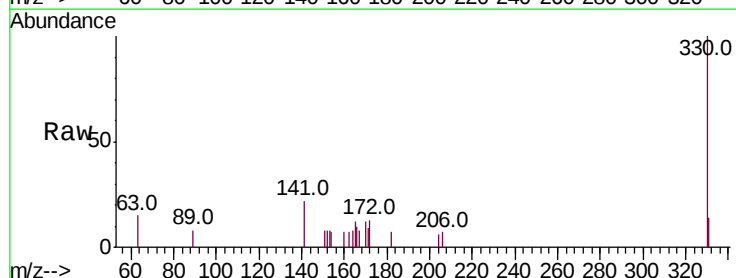
Tgt Ion:330 Resp: 1478

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

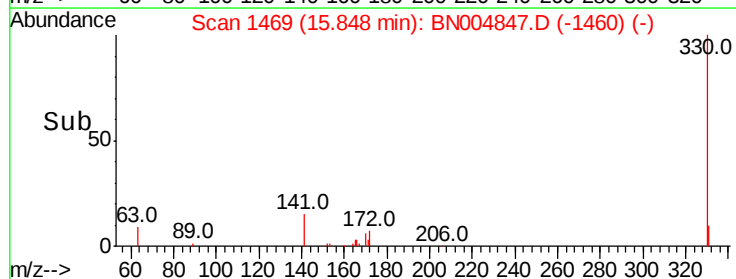
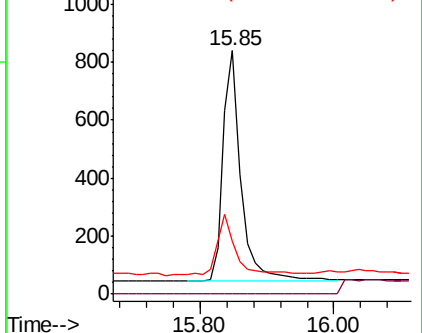
141 26.2 20.9 31.3

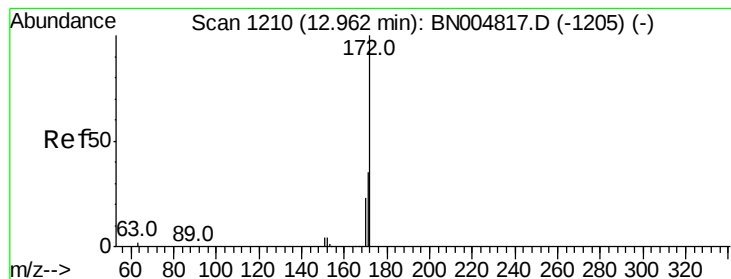


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.388 ng

RT: 12.96 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

Instrument :

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ClientSampleId :

C-MW-09_030719

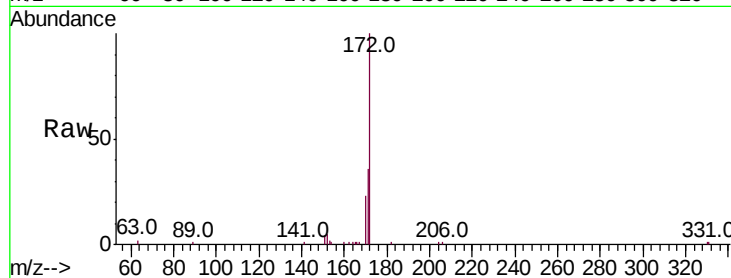
Tot Ion:172 Resp: 9383

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

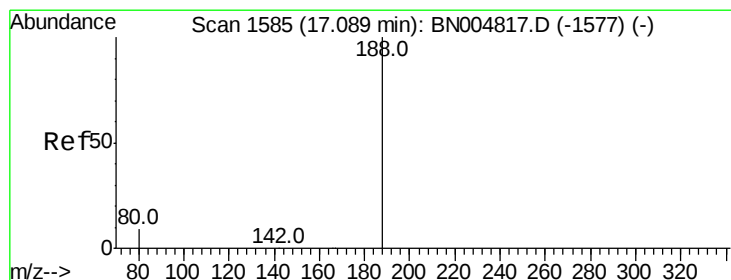
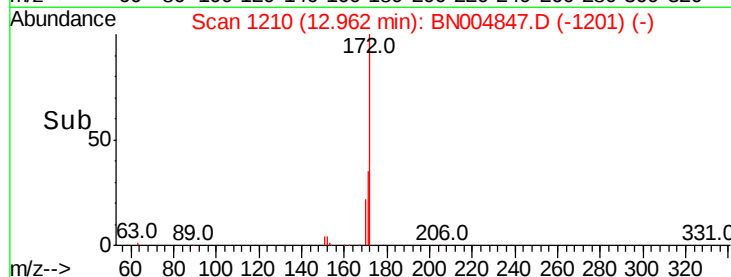
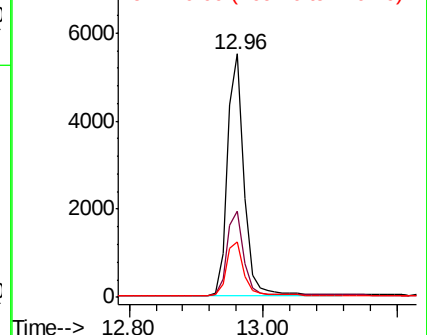
170 22.6 18.7 28.1



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: BN004847.D

Acq: 21 Mar 2019 13:29

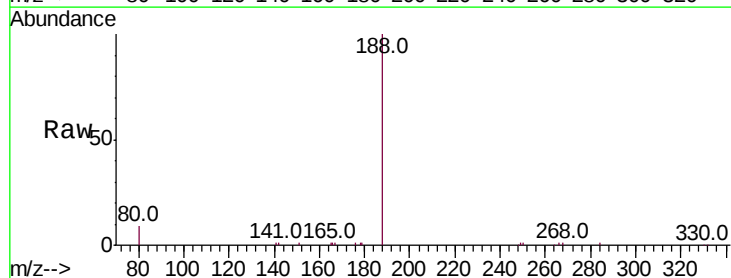
Tgt Ion:188 Resp: 15732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

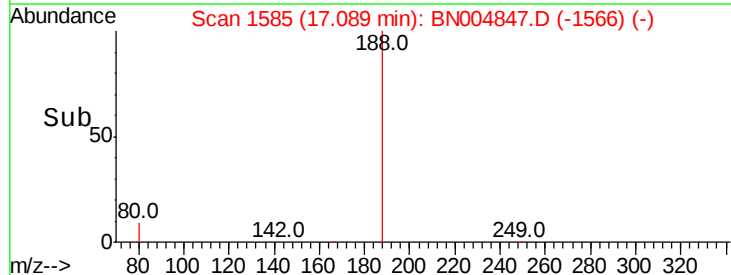
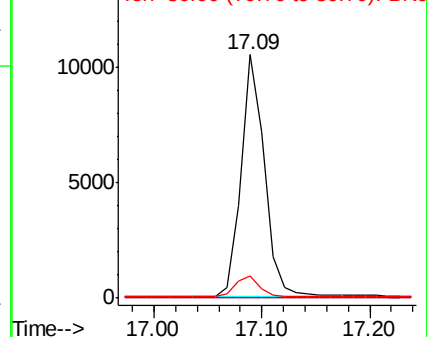
80 9.2 7.4 11.2

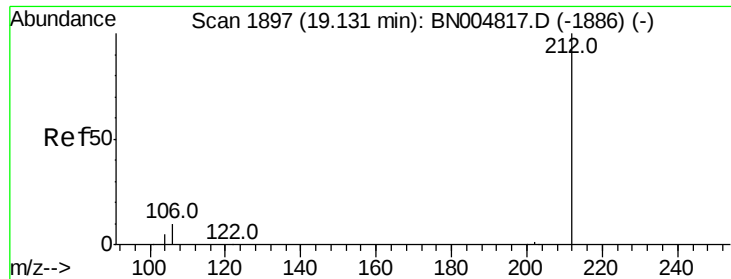


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

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C-MW-09_030719

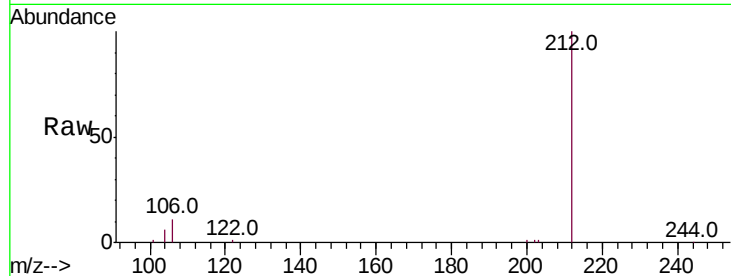
Tot Ion:212 Resp: 19958

Ion Ratio Lower Upper

212 100

106 10.9 8.6 13.0

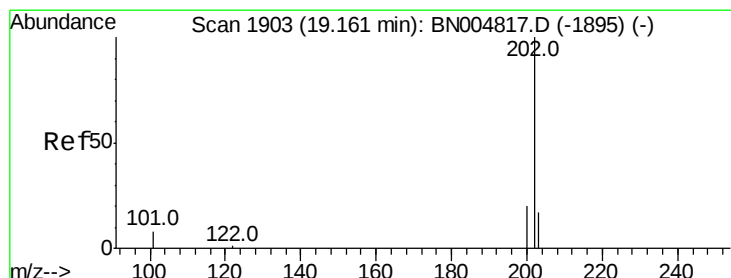
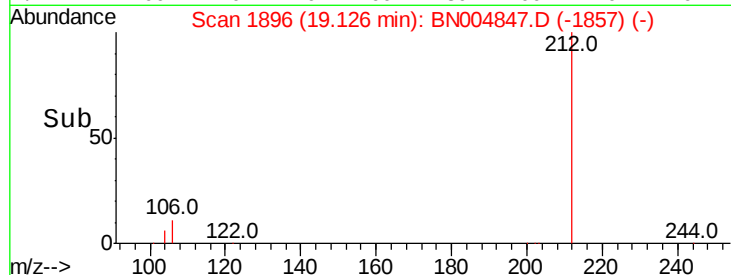
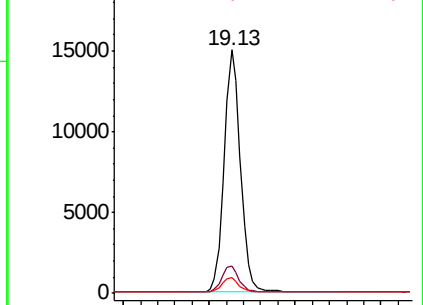
104 6.2 4.7 7.1



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: 0.020 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

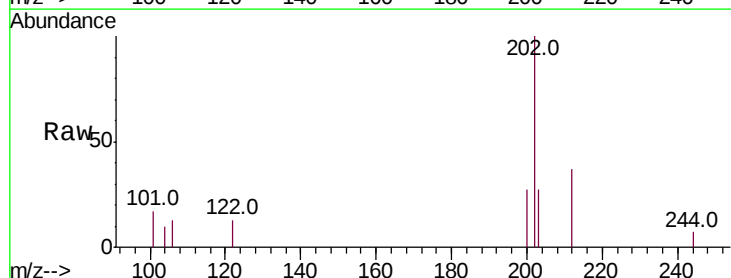
Tgt Ion:202 Resp: 1336

Ion Ratio Lower Upper

202 100

101 13.5 7.5 11.3#

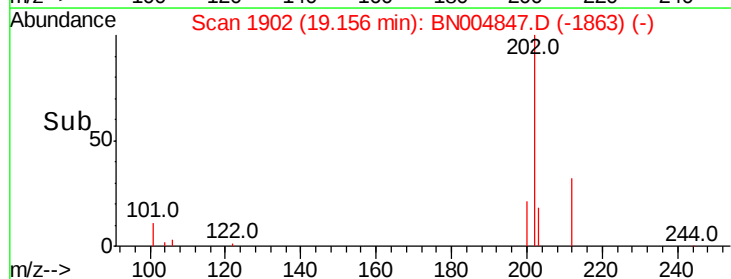
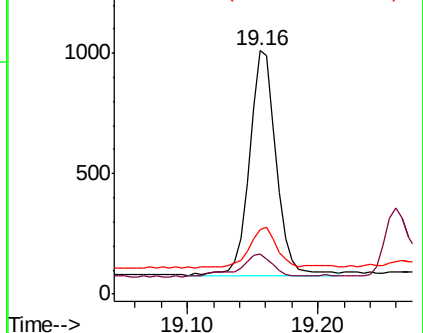
203 18.4 13.8 20.6

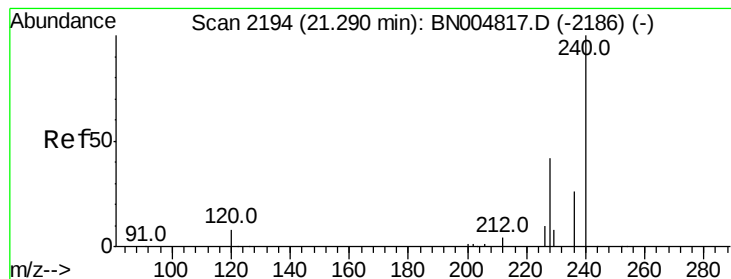


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004847.D

Acq: 21 Mar 2019 13:29

Instrument :

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ClientSampleId :

C-MW-09_030719

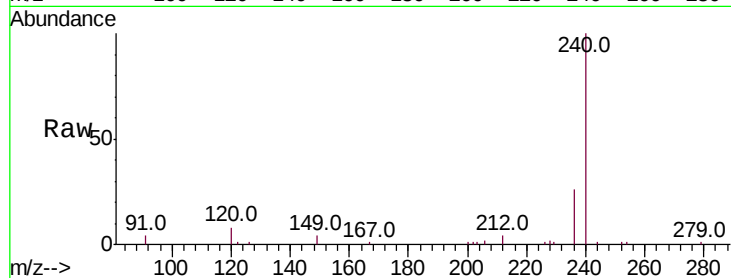
Tot Ion:240 Resp: 21763

Ion Ratio Lower Upper

240 100

120 7.9 7.2 10.8

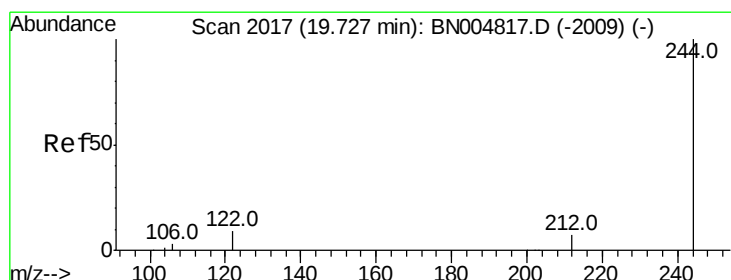
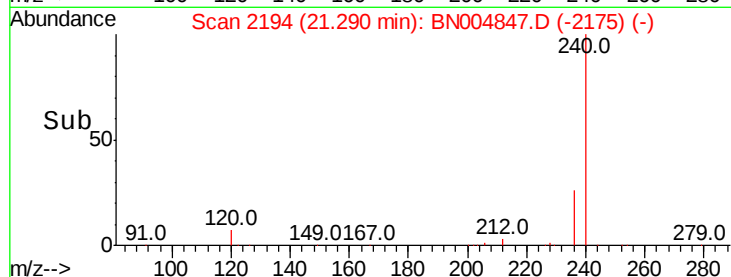
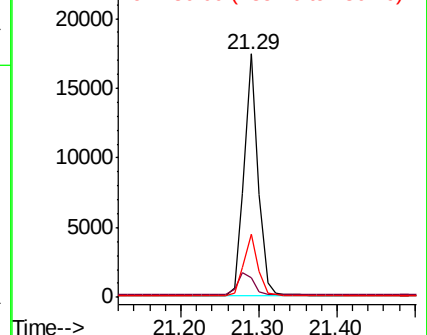
236 26.0 20.9 31.3



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



#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

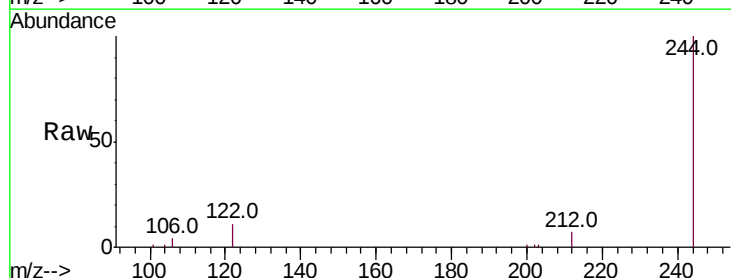
Tgt Ion:244 Resp: 18994

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

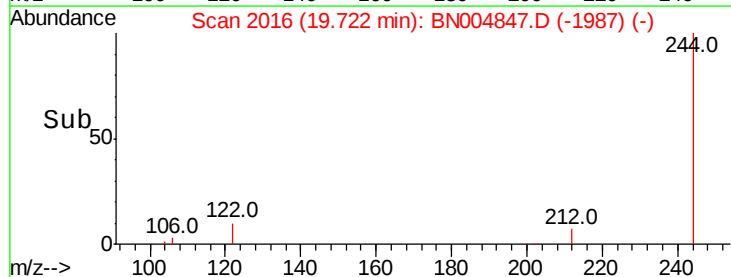
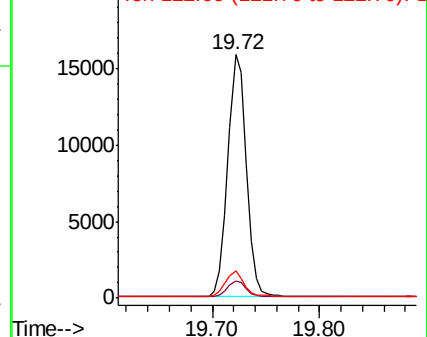
122 11.0 7.9 11.9

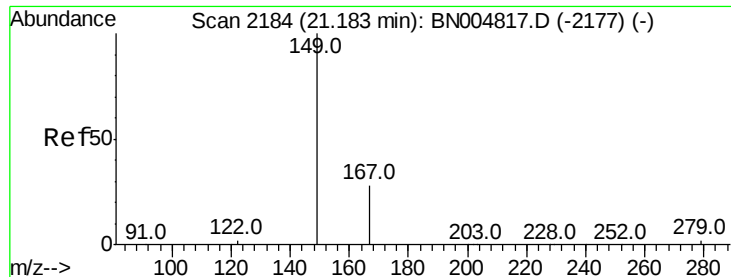


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

Instrument :

BNA_N

ClientSampleId :

C-MW-09_030719

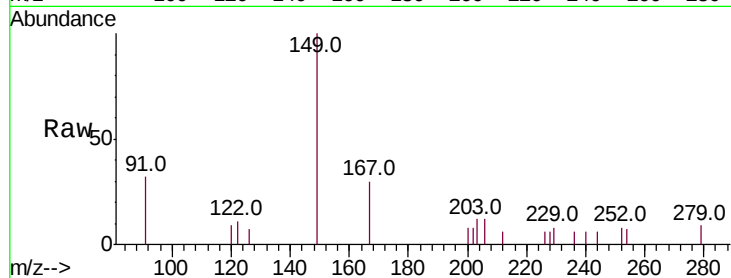
Tot Ion:149 Resp: 1610

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

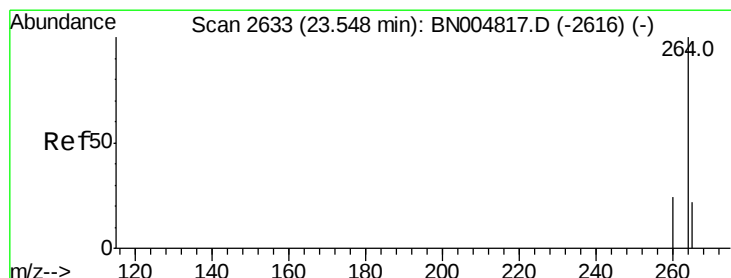
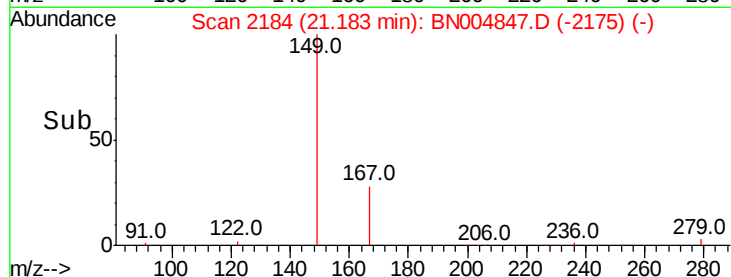
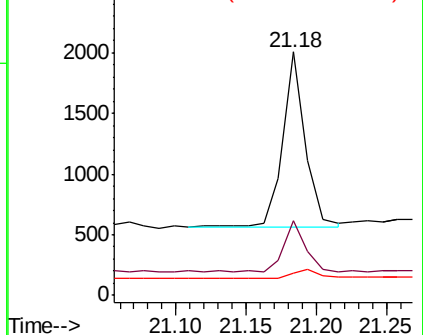
279 10.4 4.6 6.8#



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# 2631

Delta R.T. -0.01 min

Lab File: BN004847.D

Acq: 21 Mar 2019 13:29

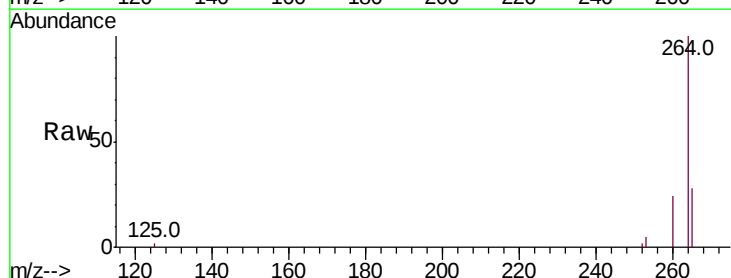
Tgt Ion:264 Resp: 24231

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 28.0 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

