

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040219\
 Data File : BN005060.D
 Acq On : 02 Apr 2019 13:59
 Operator : JU/SJ
 Sample : K2073-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03

Quant Time: Apr 03 02:32:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

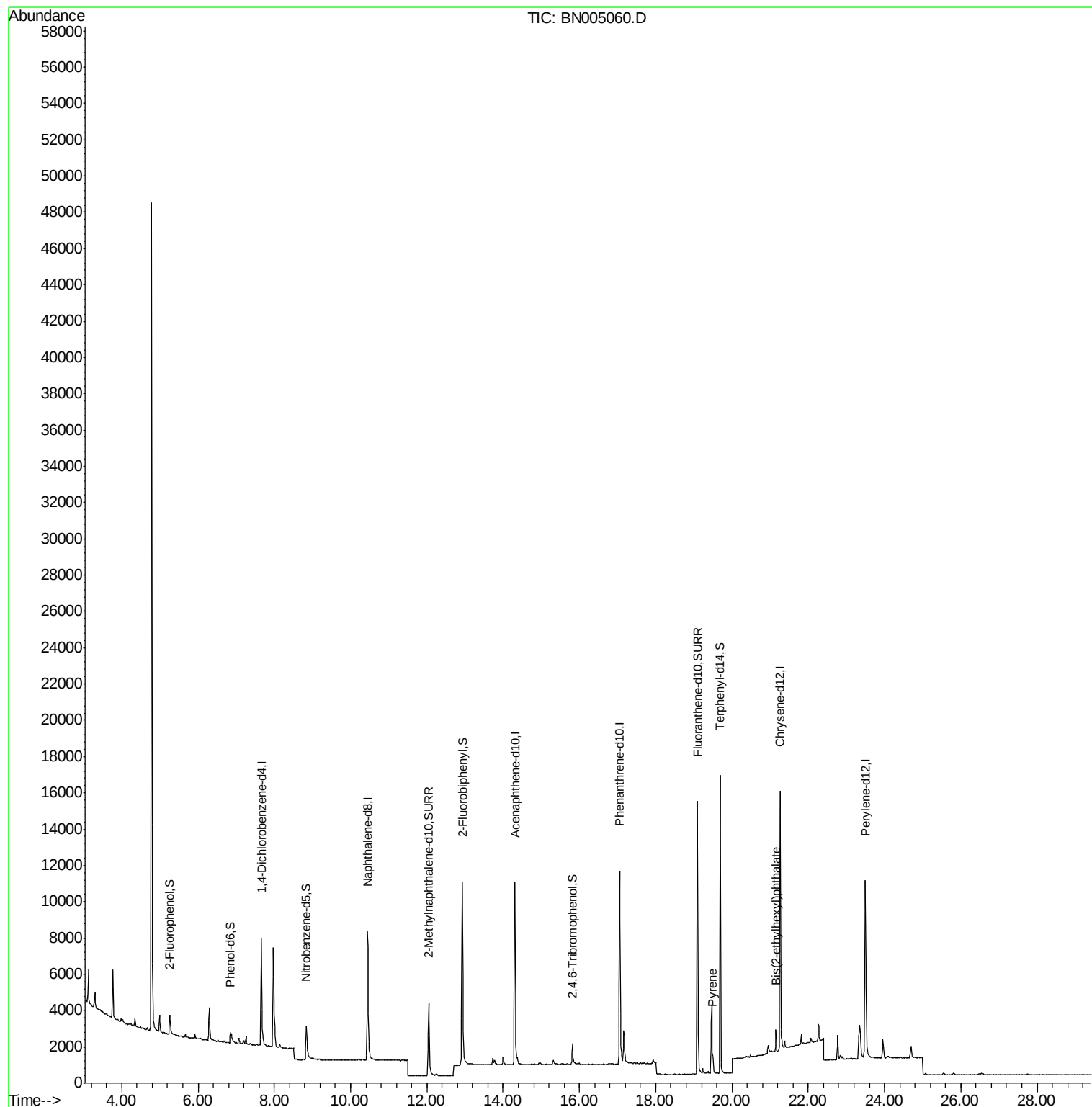
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3097	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12755	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	7152	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	16328	0.40	ng	0.00
27) Chrysene-d12	21.26	240	16623	0.40	ng	0.00
34) Perylene-d12	23.50	264	14637	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1339	0.17	ng	0.00
5) Phenol-d6	6.86	99	956	0.10	ng	0.00
8) Nitrobenzene-d5	8.83	82	2627	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	7616	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1382	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	12388	0.46	ng	0.01
25) Fluoranthene-d10	19.10	212	18966	0.41	ng	0.00
29) Terphenyl-d14	19.69	244	16541	0.48	ng	0.00
Target Compounds						
28) Pyrene	19.50	202	1073	0.023	ng	Qvalue 99
32) Bis(2-ethylhexyl)phthalate	21.15	149	1025	0.052	ng	# 96

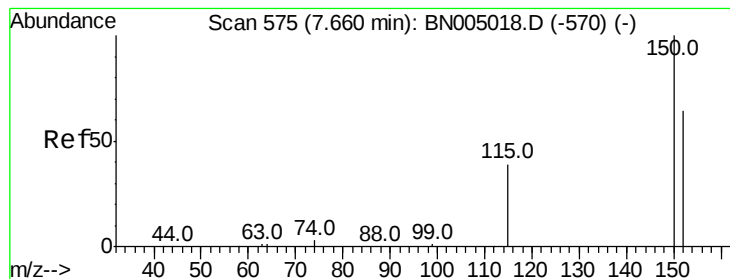
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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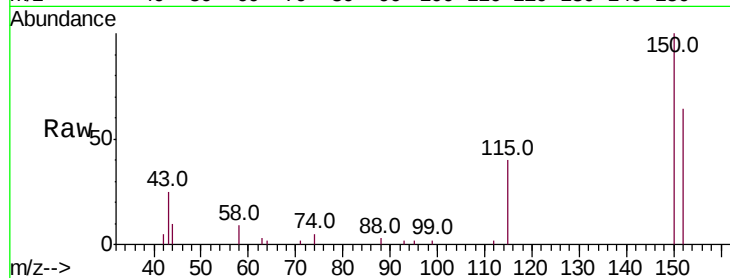


#1

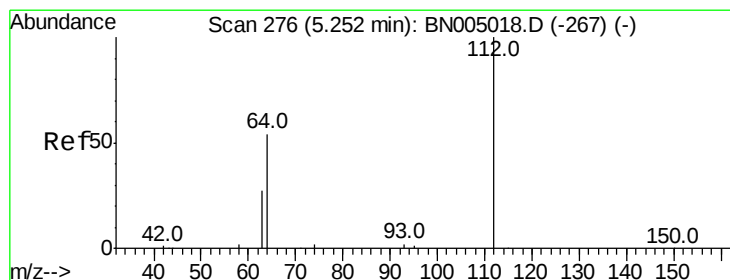
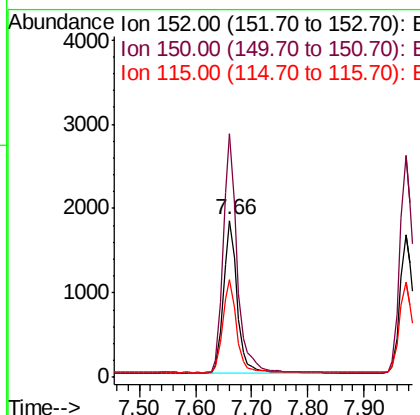
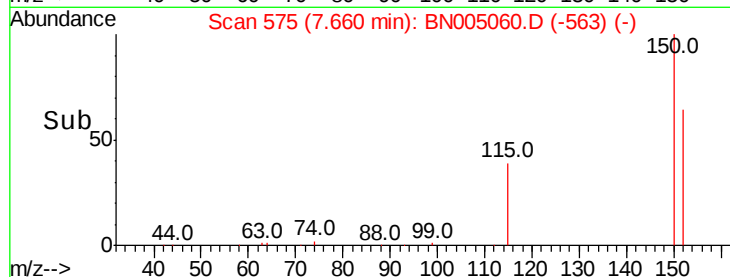
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03

Tot Ion:152 Resp: 3097
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.4 185.2
 115 62.0 50.0 75.0



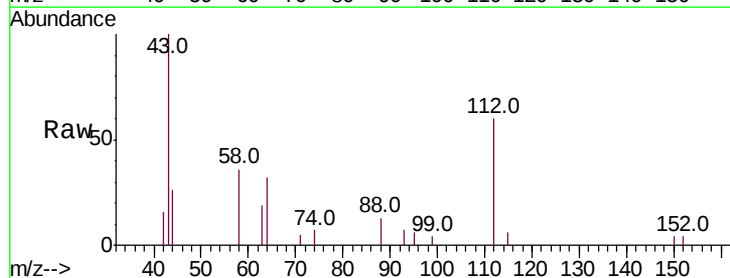
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



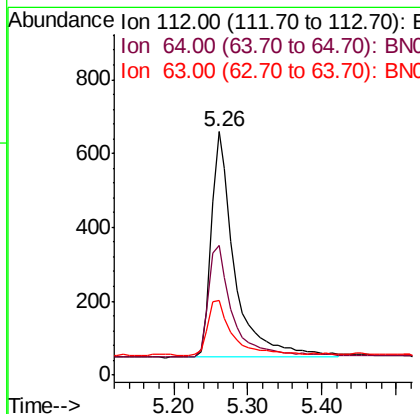
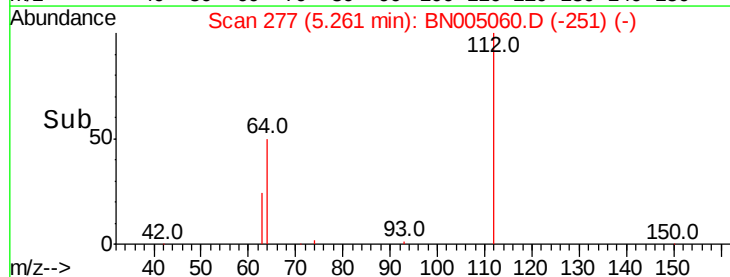
#4

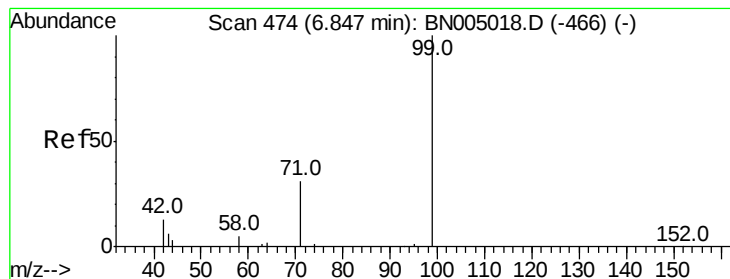
2-Fluorophenol
 Concen: 0.173 ng
 RT: 5.26 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

Tgt Ion:112 Resp: 1339
 Ion Ratio Lower Upper
 112 100
 64 52.7 41.9 62.9
 63 26.3 21.5 32.3



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: 0.104 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

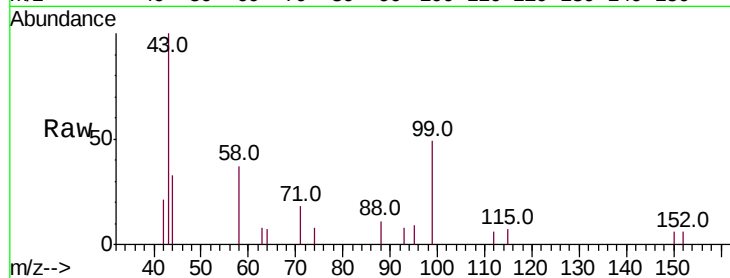
Tot Ion: 99 Resp: 956

Ion Ratio Lower Upper

99 100

42 20.0 12.2 18.2#

71 29.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)

6.86

400

300

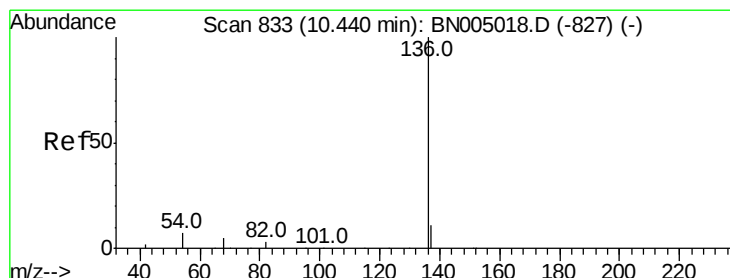
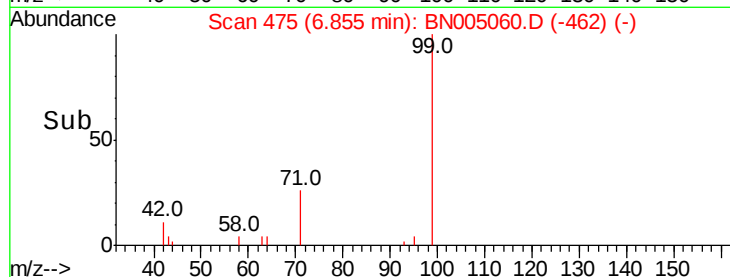
200

100

0

6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Tgt Ion: 136 Resp: 12755

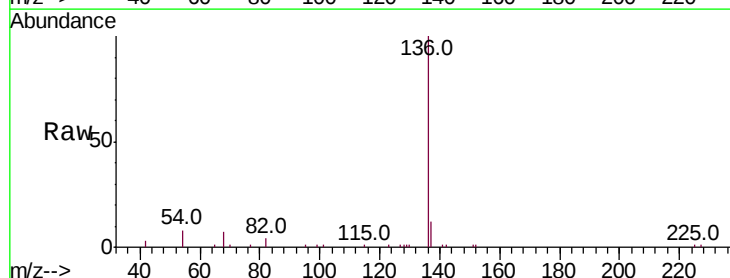
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.8 6.0 9.0

68 6.6 5.0 7.6



Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)

10.44

8000

6000

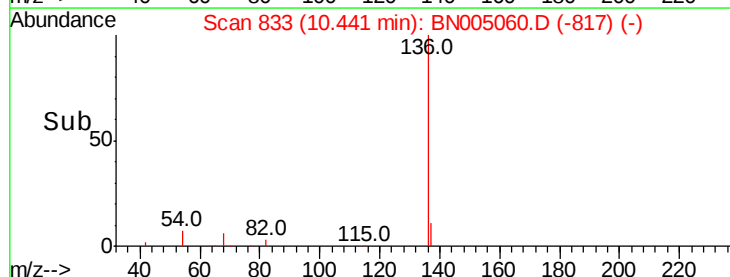
4000

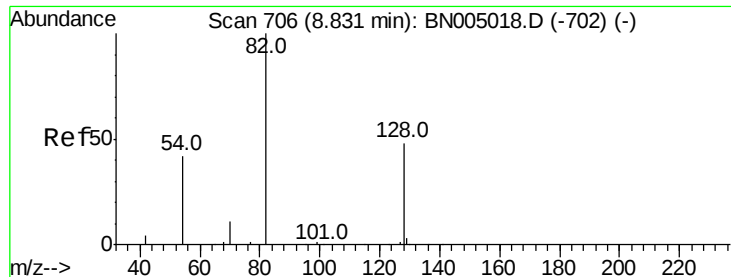
2000

0

10.30 10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

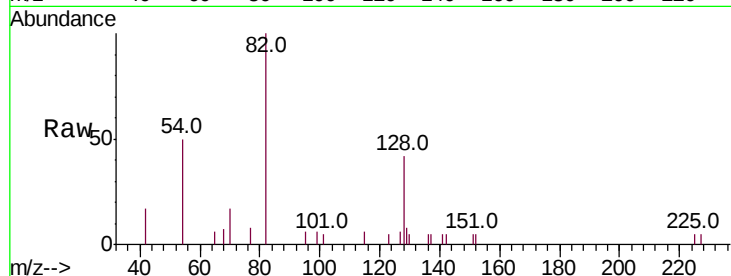
Tot Ion: 82 Resp: 2627

Ion Ratio Lower Upper

82 100

128 42.0 40.5 60.7

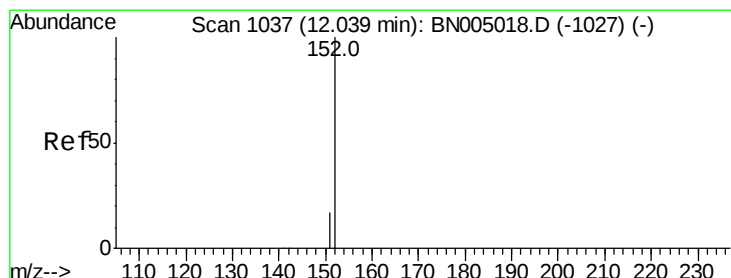
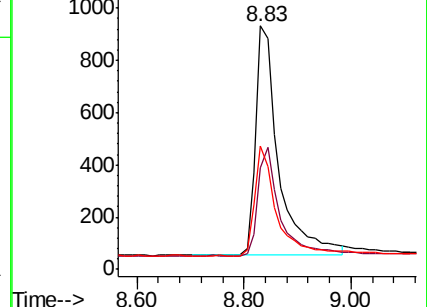
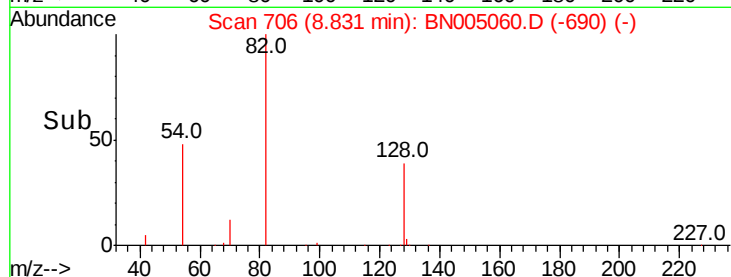
54 50.4 35.7 53.5



Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.05 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BN005060.D

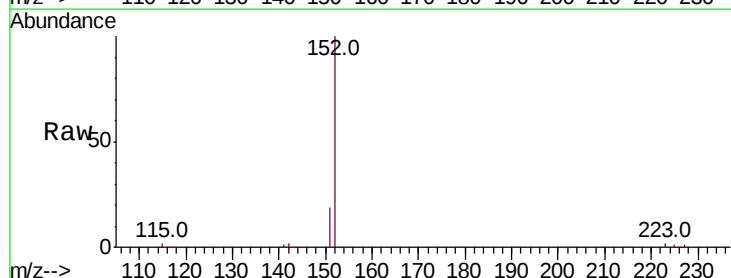
Acq: 02 Apr 2019 13:59

Tgt Ion: 152 Resp: 7616

Ion Ratio Lower Upper

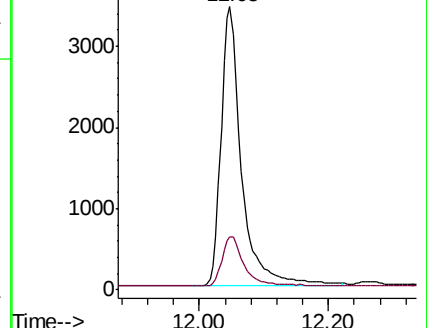
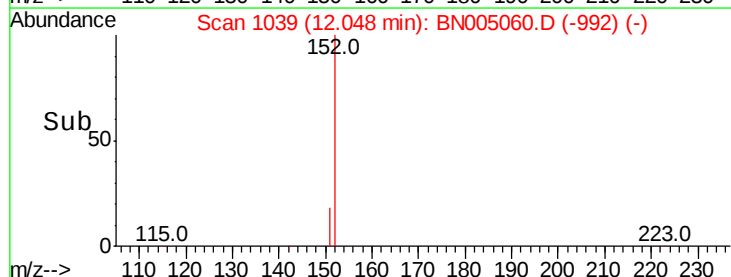
152 100

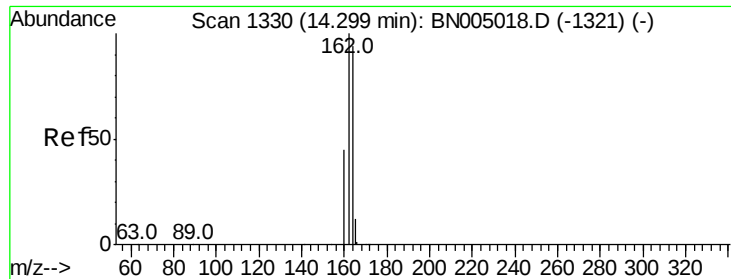
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN005018.D (-1027) (-)

Ion 151.00 (150.70 to 151.70): BN005018.D (-1027) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

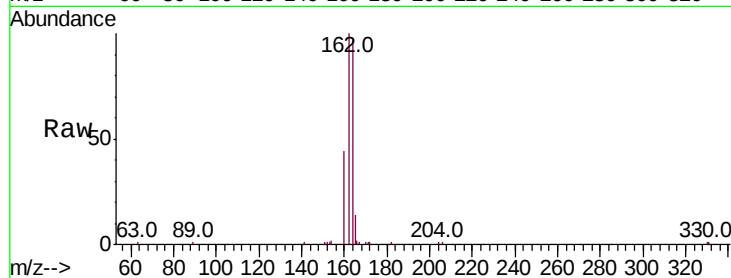
Tot Ion:164 Resp: 7152

Ion Ratio Lower Upper

164 100

162 103.1 85.3 127.9

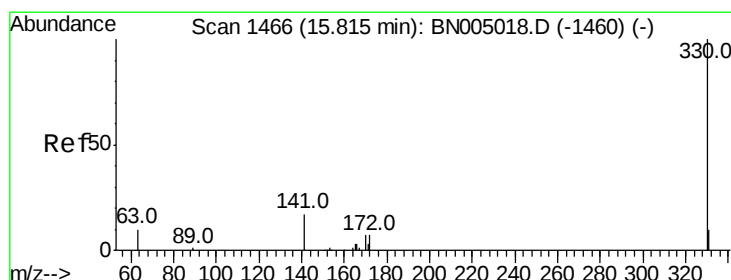
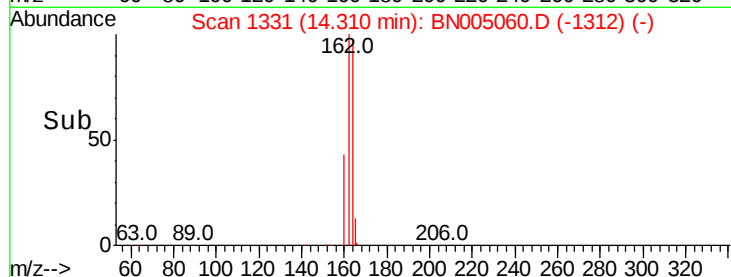
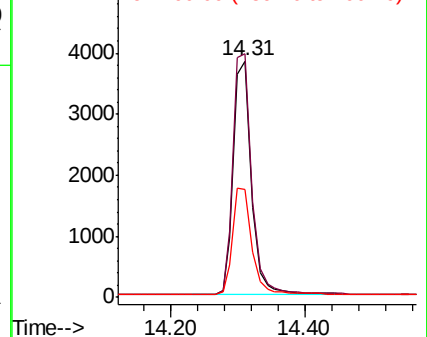
160 45.7 39.2 58.8



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: 0.345 ng

RT: 15.82 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

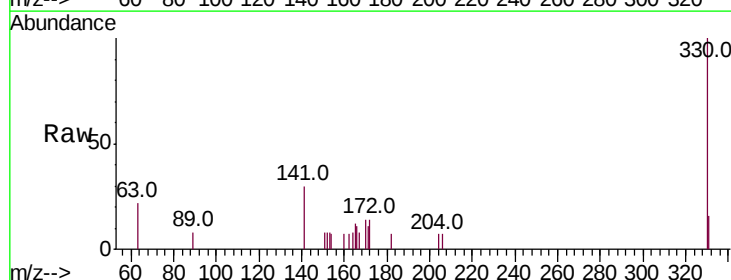
Tgt Ion:330 Resp: 1382

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

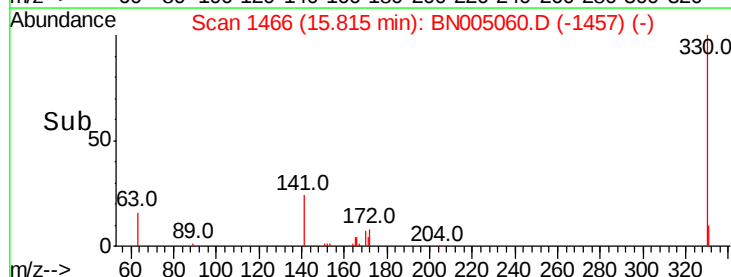
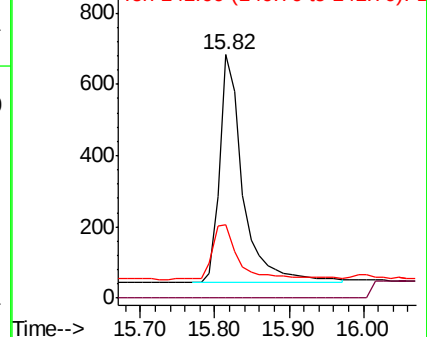
141 25.5 21.3 31.9

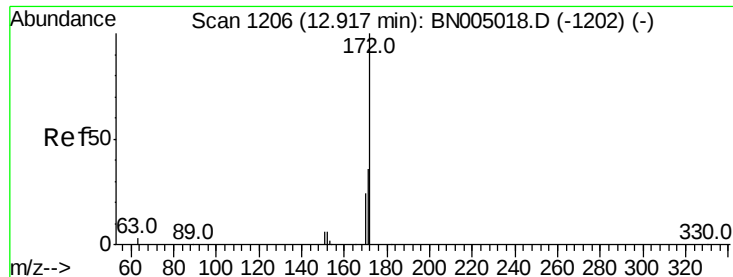


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

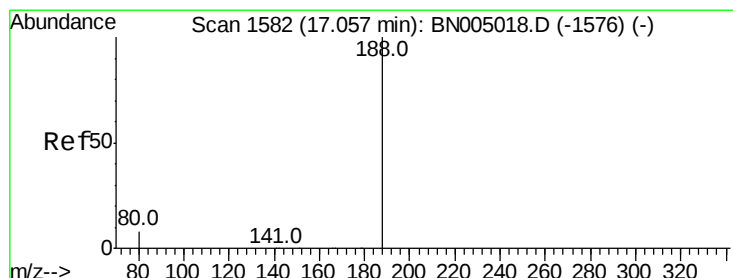
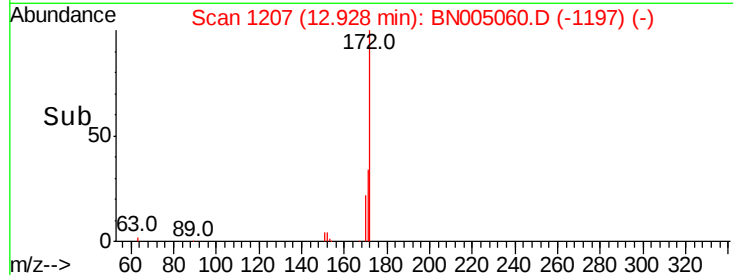
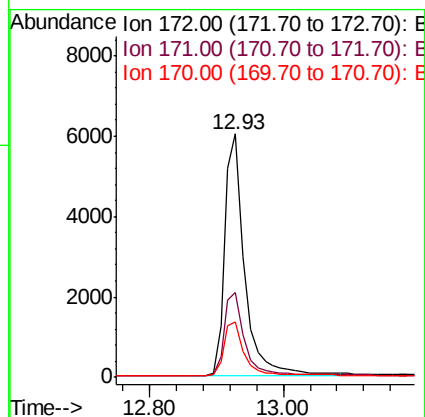
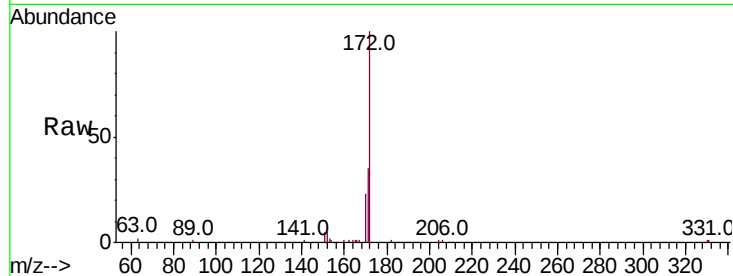




#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 12.93 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

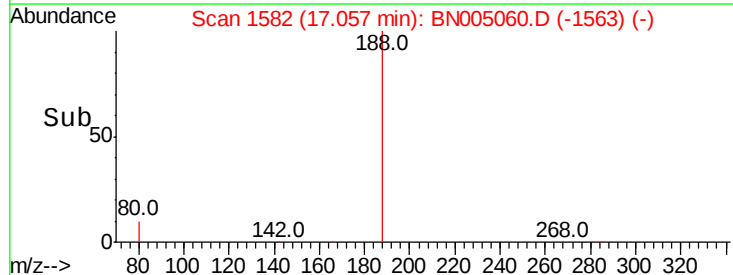
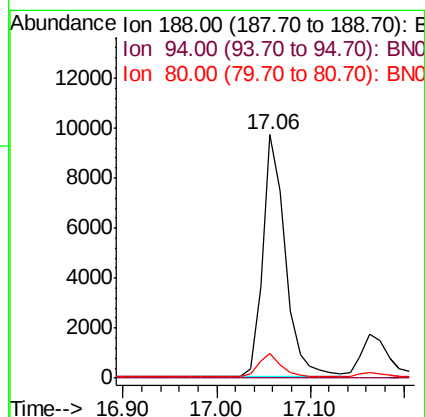
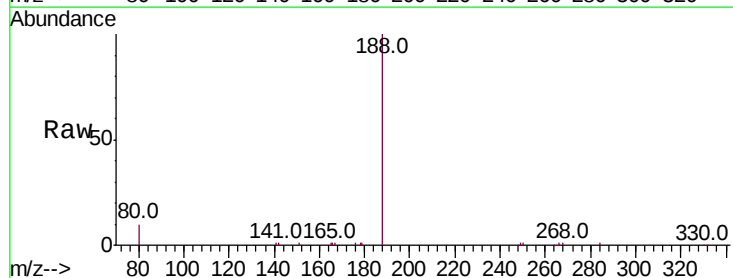
Instrument :
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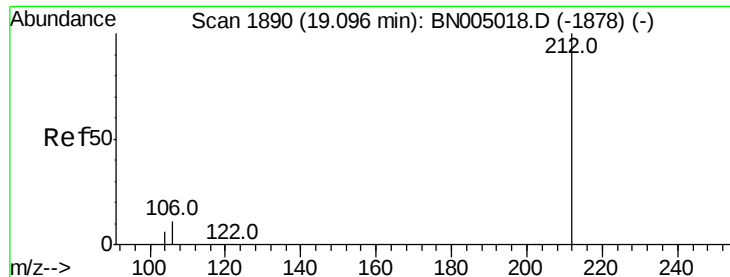
Tot Ion:172 Resp: 12388
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 22.7 20.0 30.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.06 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

Tgt Ion:188 Resp: 16328
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.2 6.9 10.3





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

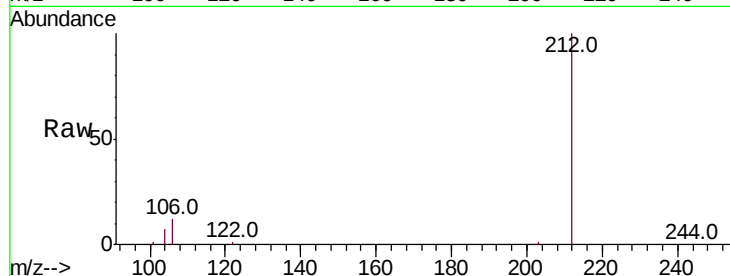
Tot Ion:212 Resp: 18966

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

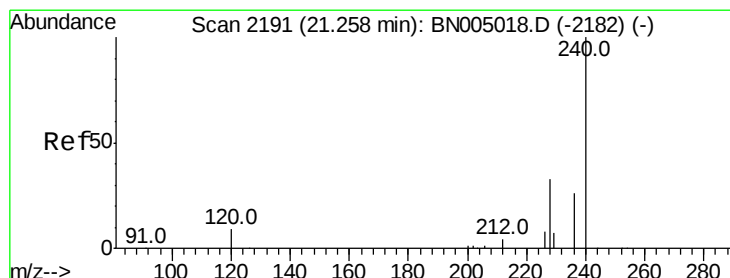
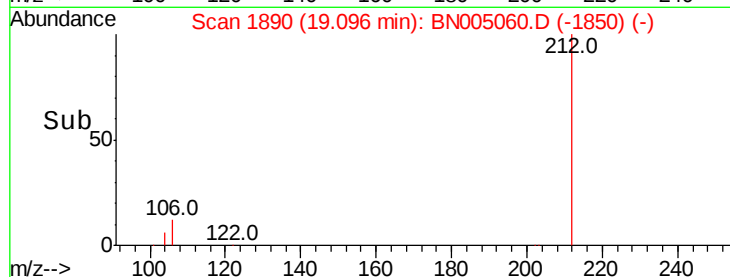
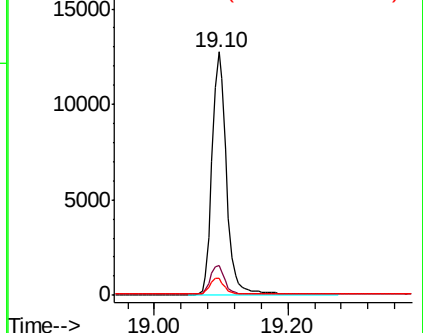
104 6.5 5.4 8.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

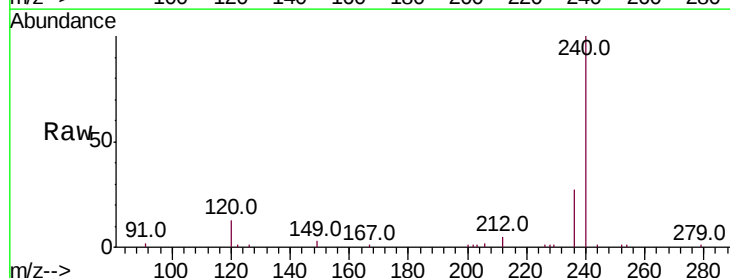
Tgt Ion:240 Resp: 16623

Ion Ratio Lower Upper

240 100

120 13.1 7.4 11.0#

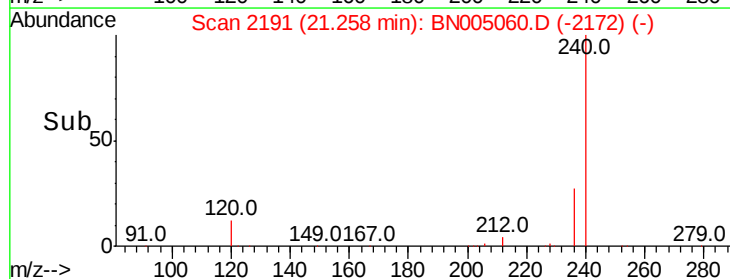
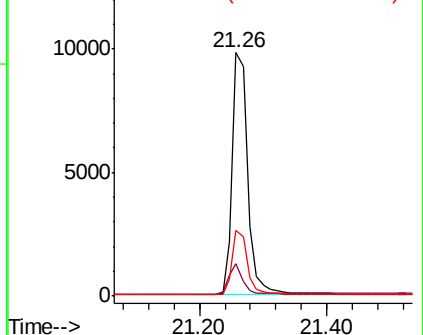
236 27.2 21.0 31.6

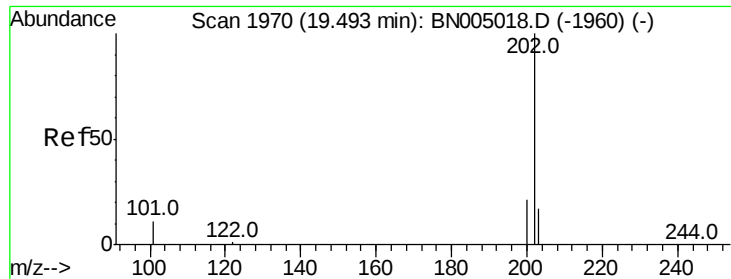


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

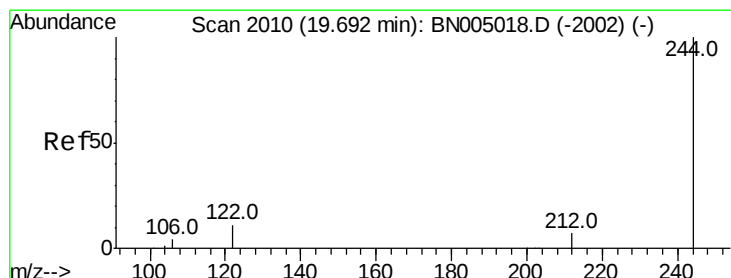
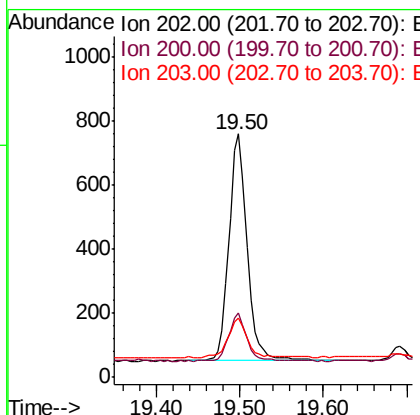
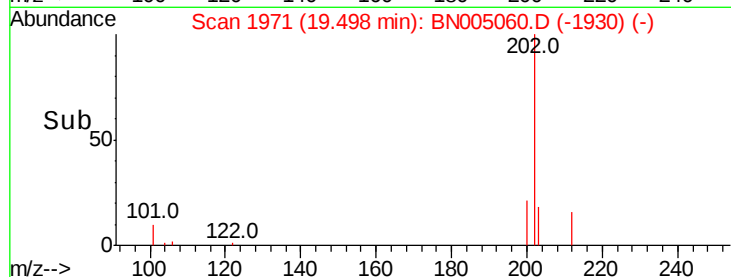
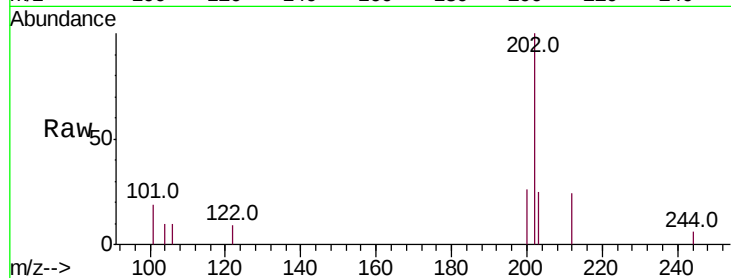




#28
Pvrene
Concen: 0.023 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BN005060.D
Acq: 02 Apr 2019 13:59

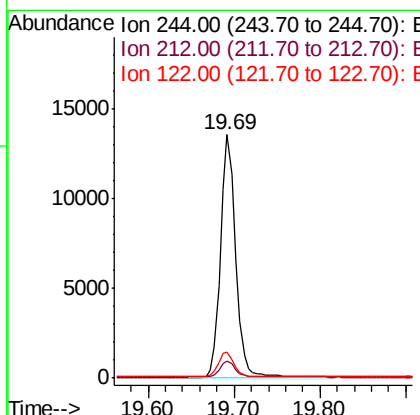
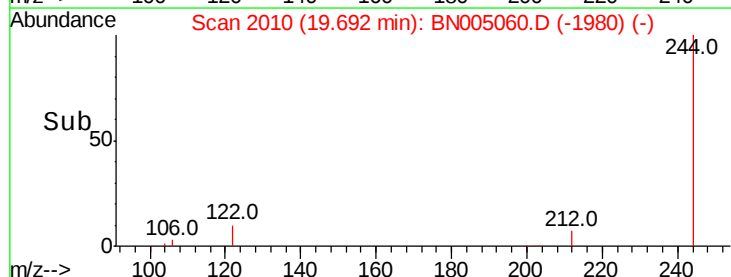
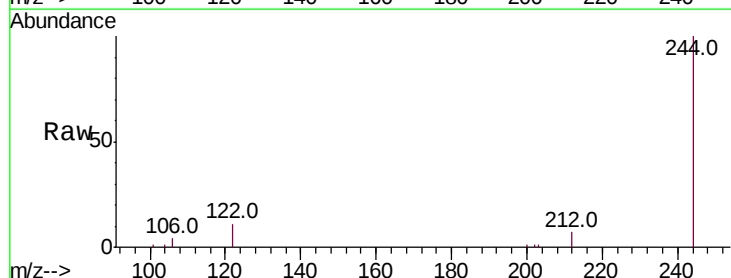
Instrument :
BNA_N
ClientSampleId :
P001-TW001-03

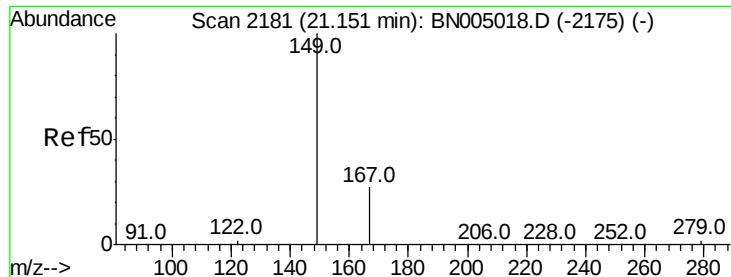
Tot Ion:202 Resp: 1073
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 18.2 13.9 20.9



#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.69 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN005060.D
Acq: 02 Apr 2019 13:59

Tgt Ion:244 Resp: 16541
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.7 9.0 13.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

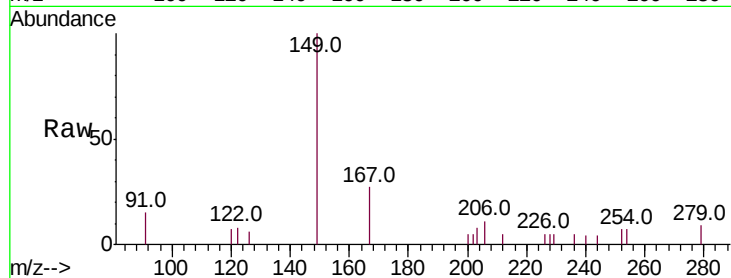
Tot Ion:149 Resp: 1025

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.4

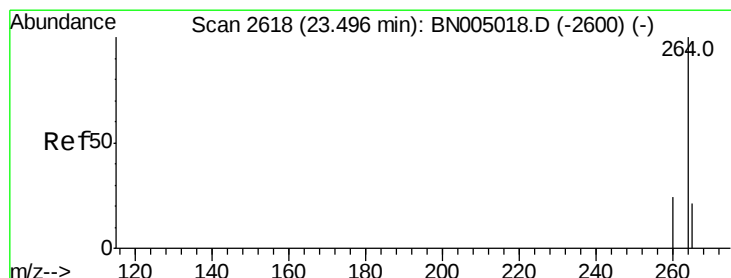
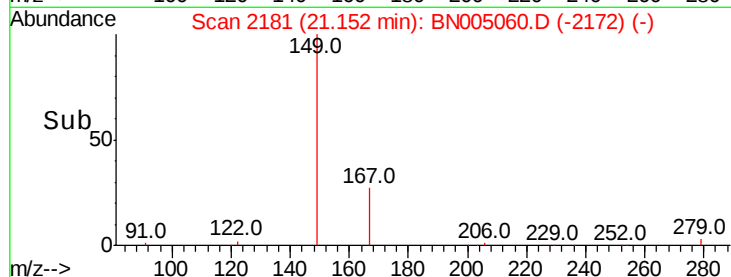
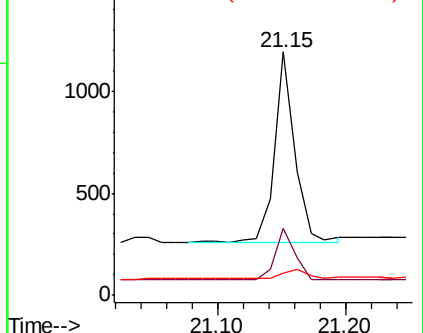
279 6.7 4.2 6.4#



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: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

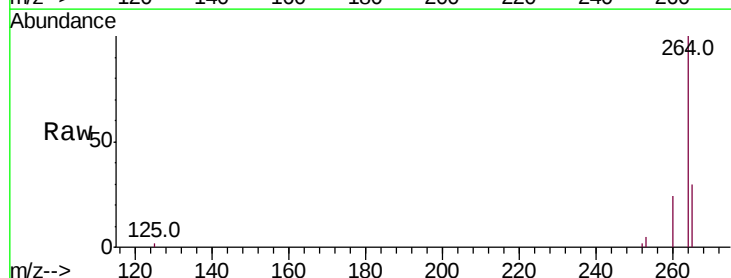
Tgt Ion:264 Resp: 14637

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 29.6 22.5 33.7



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

