

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 01:57:26 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

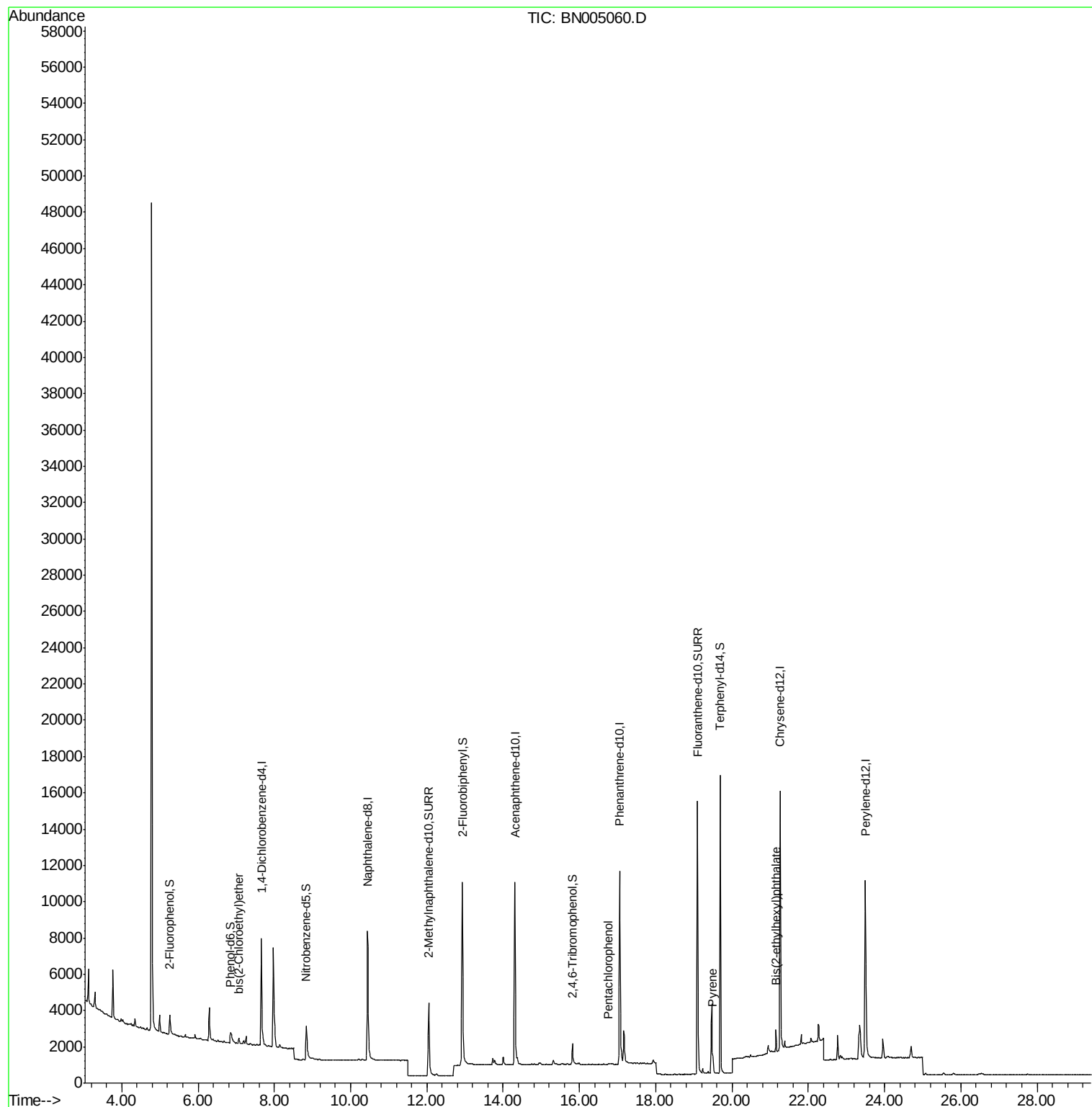
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3097	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	12755	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	7152	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	16328	0.40	ng	0.00
27) Chrysene-d12	21.26	240	16623	0.40	ng	0.00
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						
6) bis(2-Chloroethyl)ether	7.07	93	264	0.031	ng	Qvalue # 51
22) Pentachlorophenol	16.76	266	41	0.109	ng	# 71
28) Pyrene	19.50	202	1073	0.023	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	1025	0.052	ng	# 96

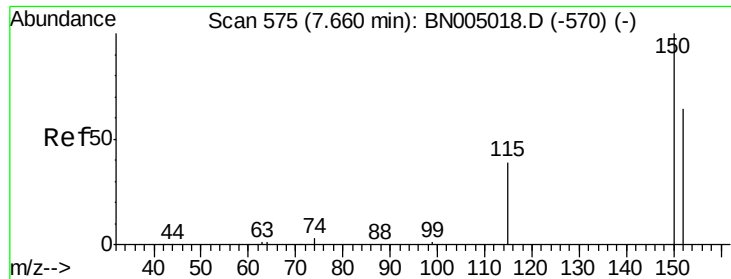
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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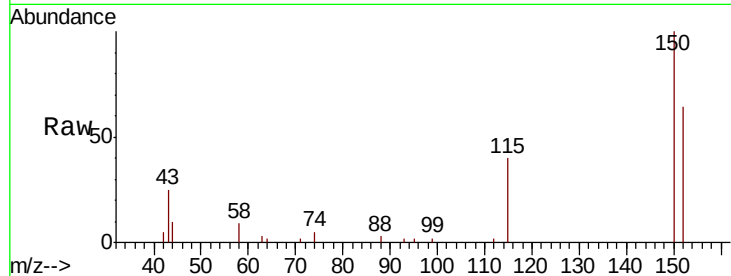


#1

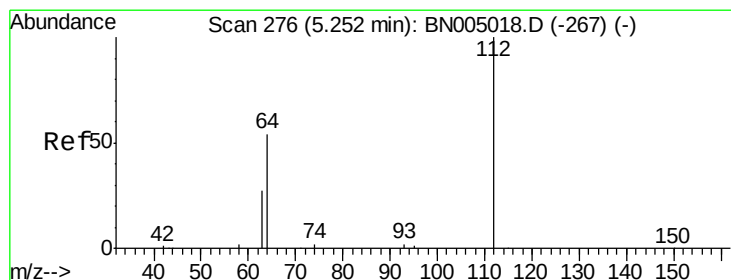
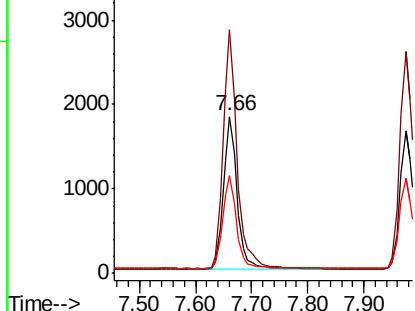
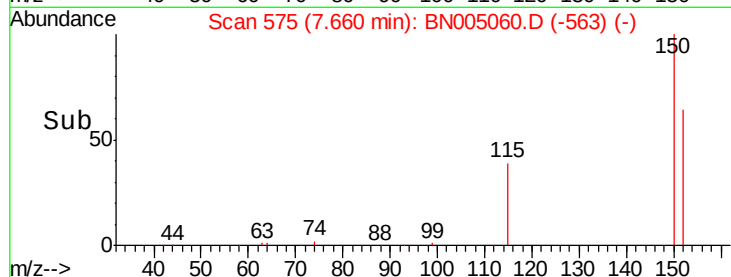
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005060.D
Acq: 02 Apr 2019 13:59

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03

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



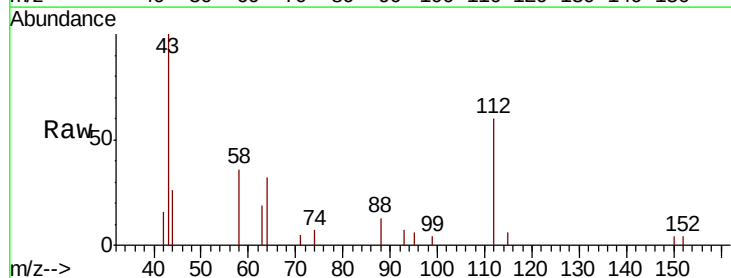
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



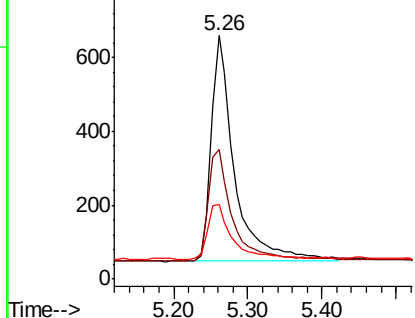
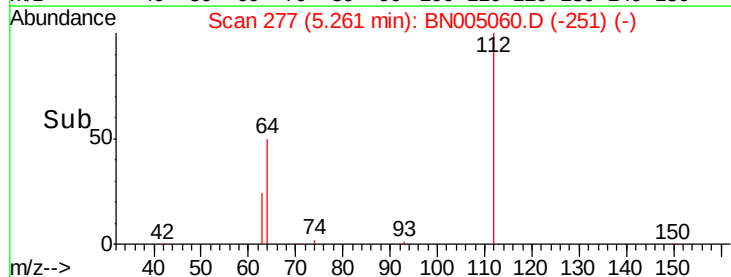
#4

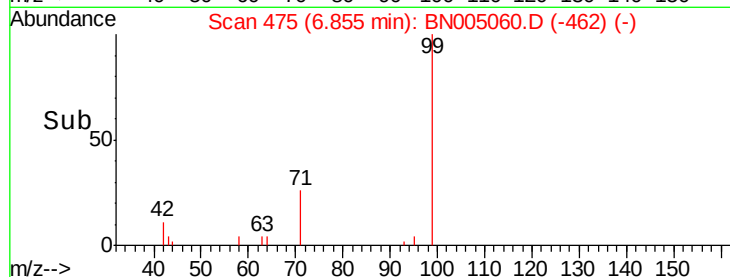
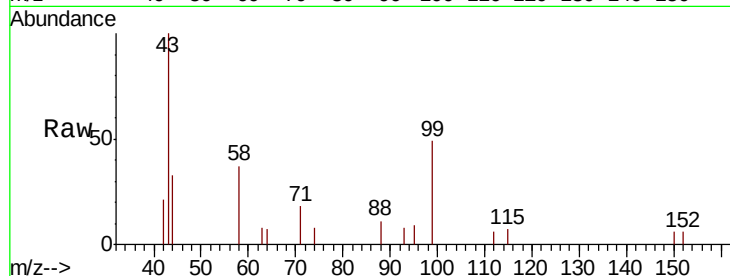
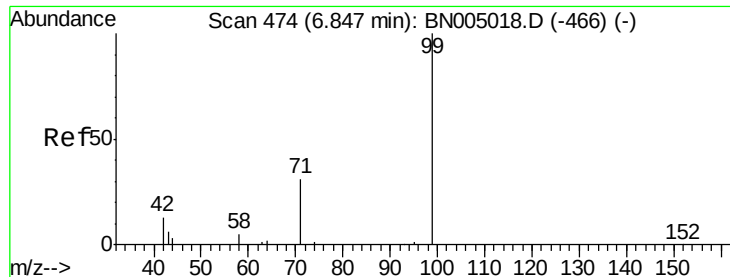
2-Fluorophenol
Concen: 0.173 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005060.D
Acq: 02 Apr 2019 13:59

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

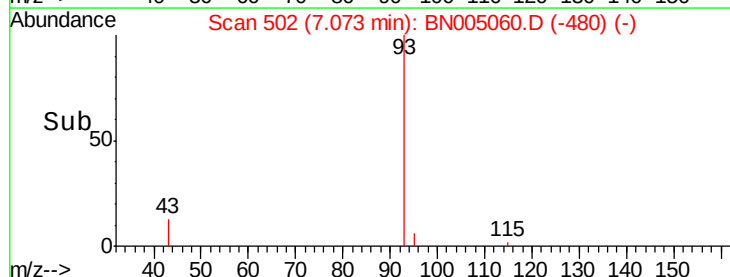
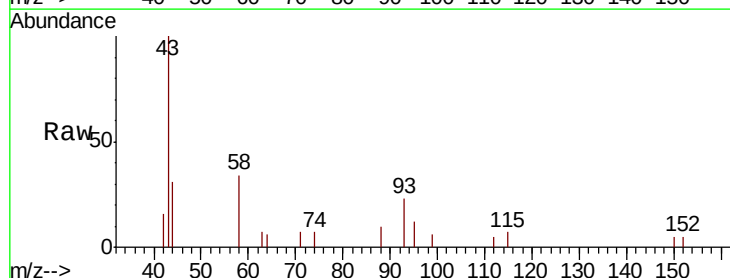
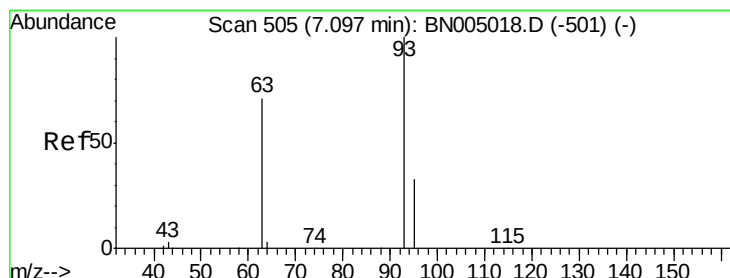
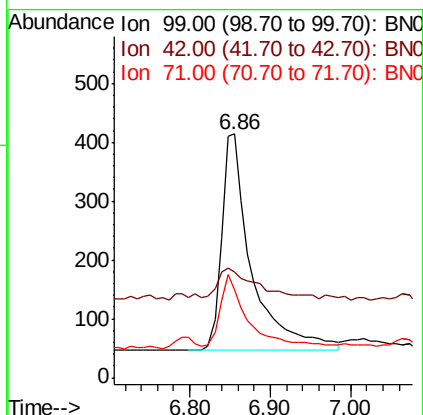
Tgt Ion: 99 Resp: 956

Ion Ratio Lower Upper

99 100

42 20.0 12.2 18.2#

71 29.6 26.1 39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.031 ng

RT: 7.07 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

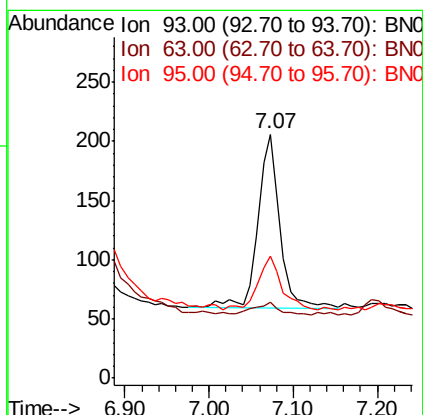
Tgt Ion: 93 Resp: 264

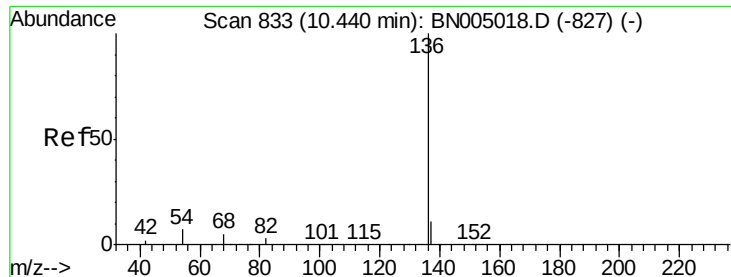
Ion Ratio Lower Upper

93 100

63 9.5 51.8 77.6#

95 33.0 24.8 37.2





#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

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

Tgt Ion:136 Resp: 12755

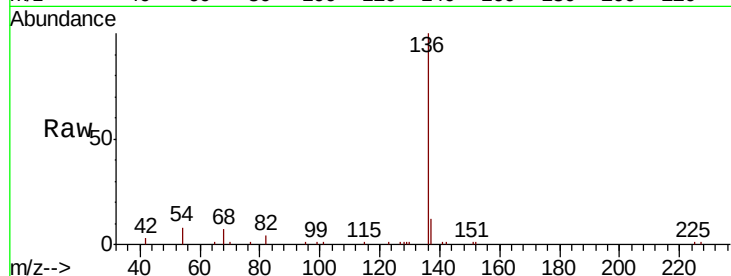
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.8 6.0 9.0

68 6.6 5.0 7.6

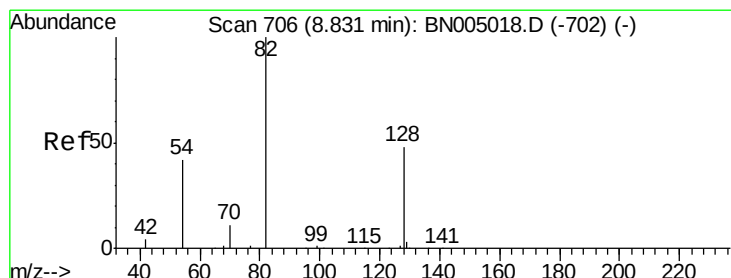
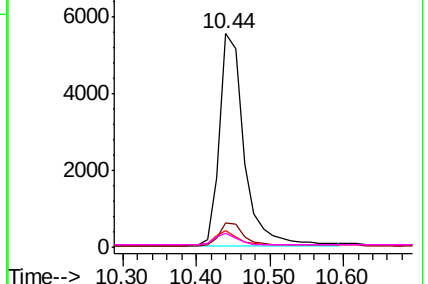
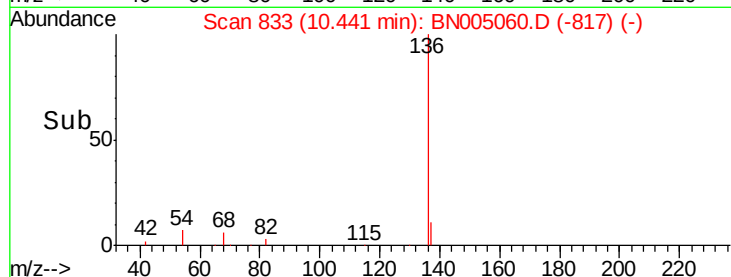


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#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

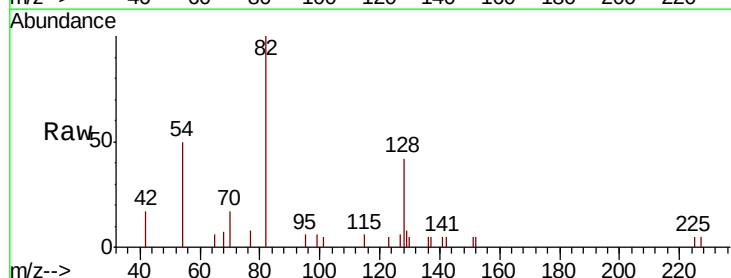
Tgt Ion: 82 Resp: 2627

Ion Ratio Lower Upper

82 100

128 42.0 40.5 60.7

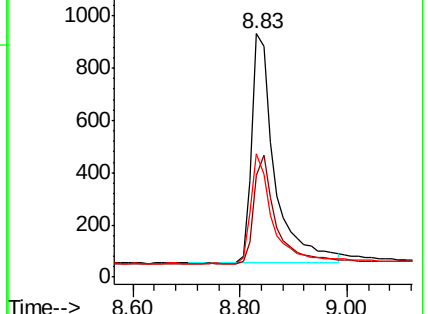
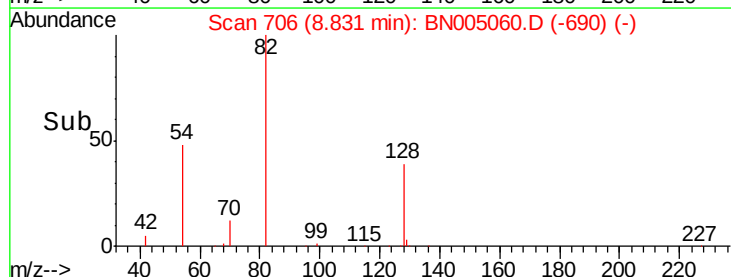
54 50.4 35.7 53.5

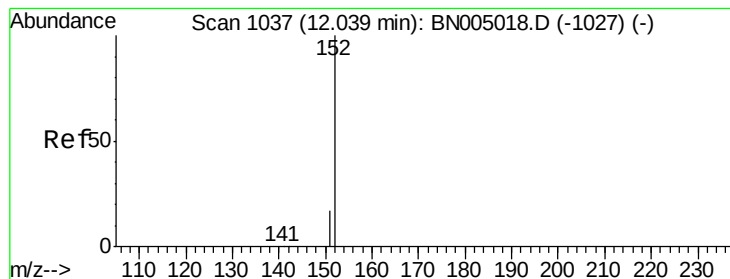


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

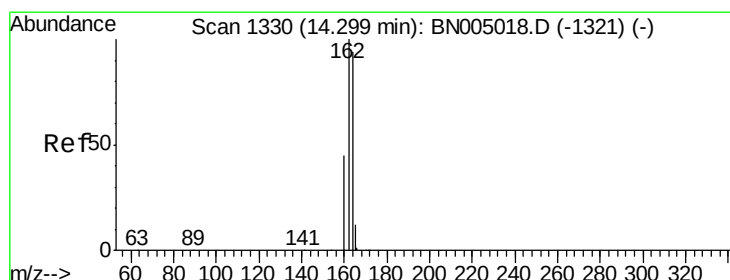
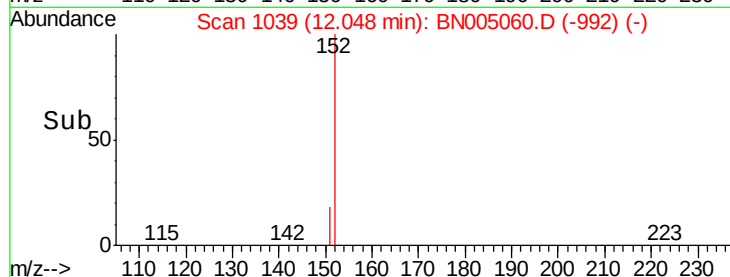
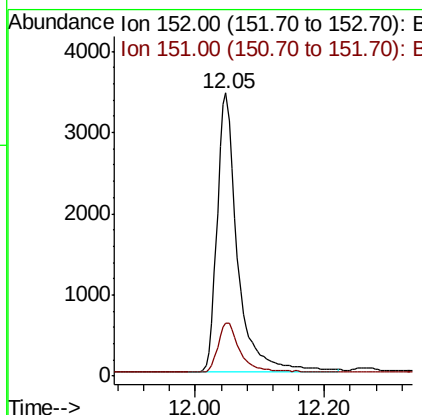
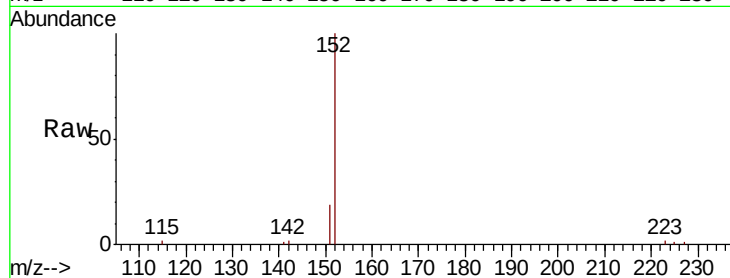




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

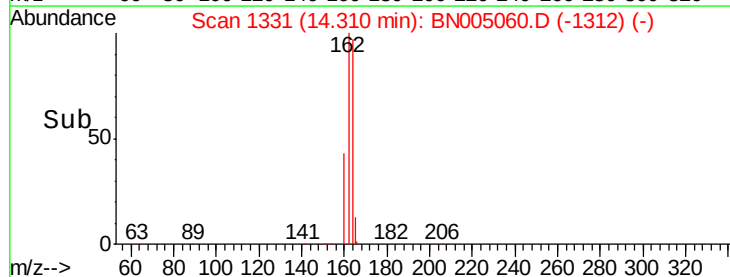
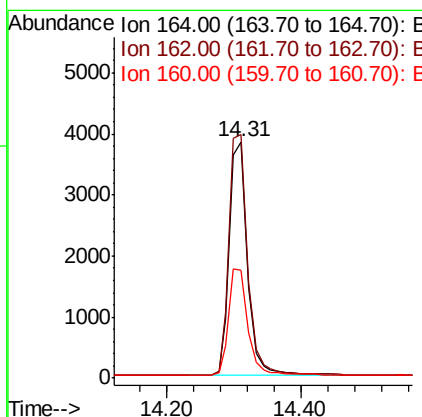
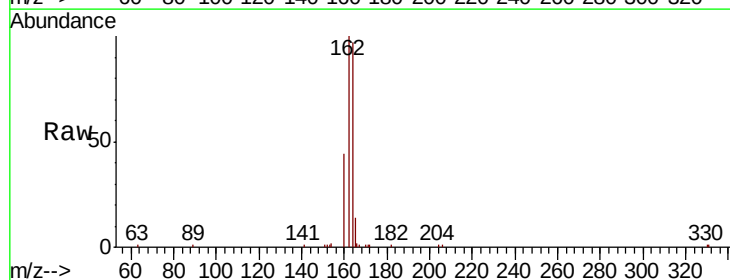
Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03

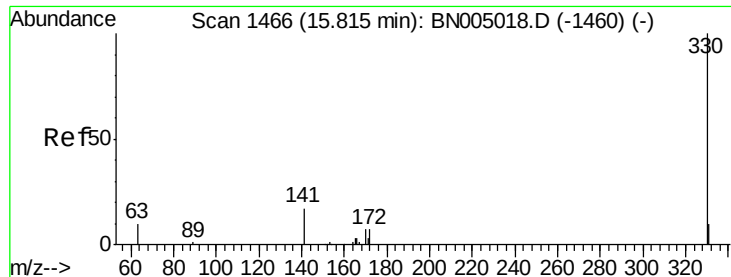
Tgt Ion:152 Resp: 7616
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.3 22.9



#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

Tgt Ion:164 Resp: 7152
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.3 127.9
 160 45.7 39.2 58.8

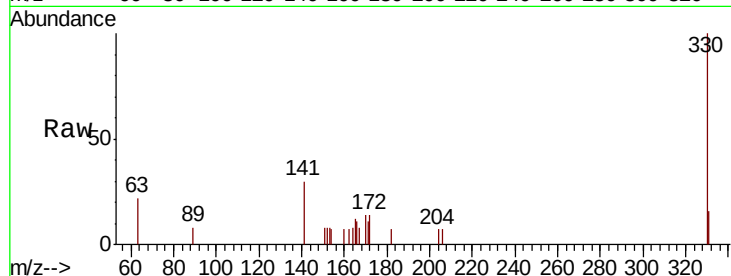




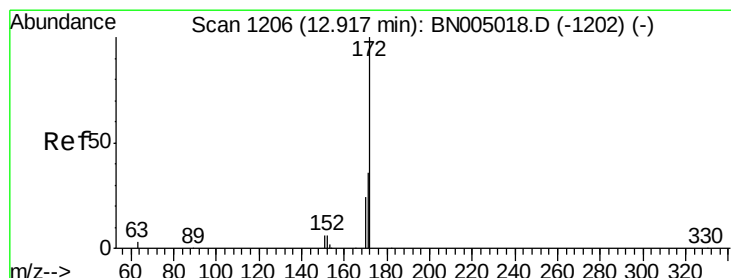
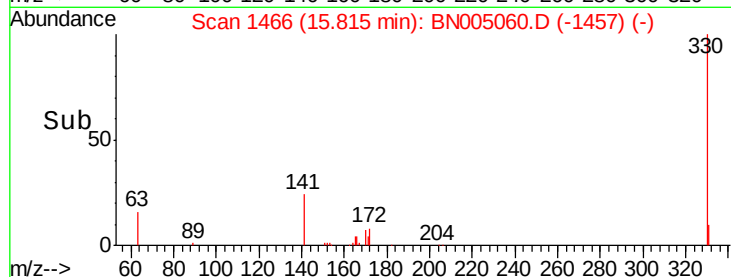
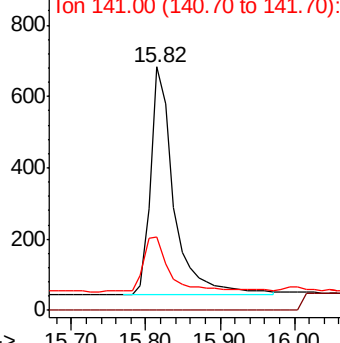
#14
 2,4,6-Tribromophenol
 Concen: 0.345 ng
 RT: 15.82 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

Instrument :
 BNA_N
 ClientSampleId :
 P001-TW001-03

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

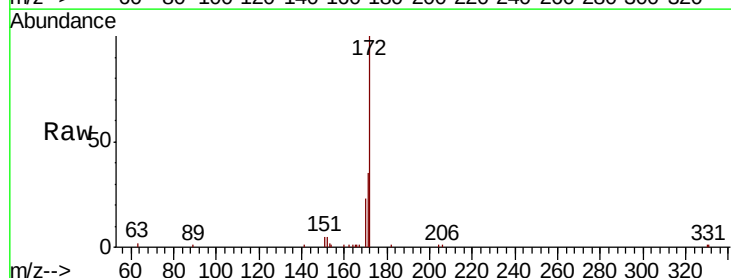


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

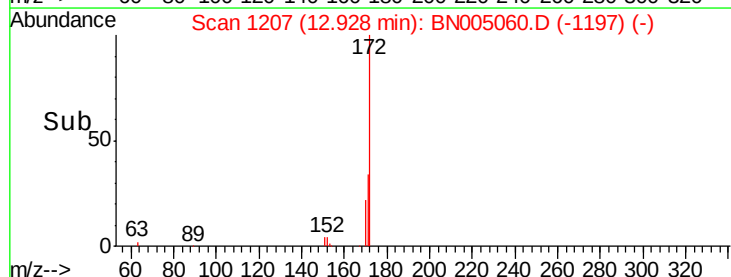
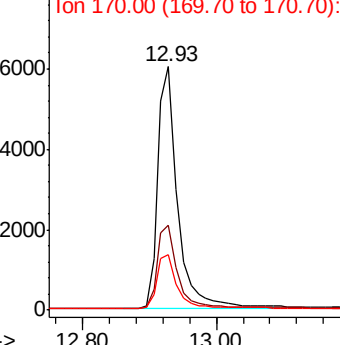


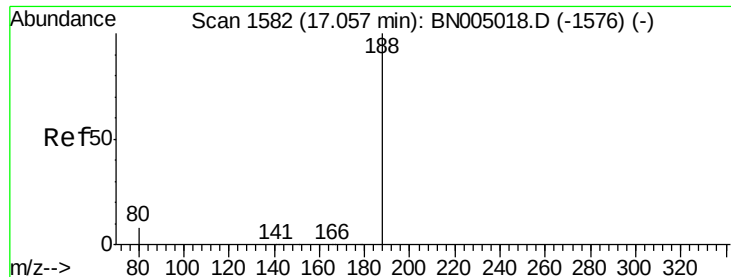
#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 12.93 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BN005060.D
 Acq: 02 Apr 2019 13:59

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



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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

Instrument :

BNA_N

ClientSampleId :

P001-TW001-03

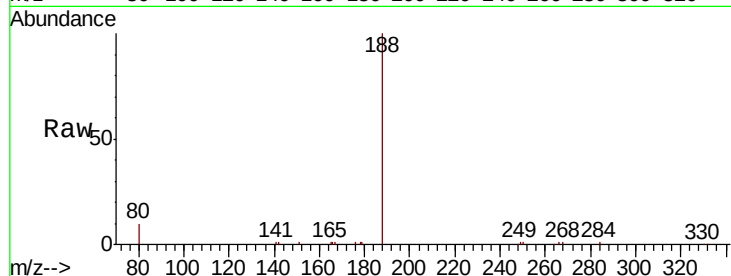
Tgt Ion:188 Resp: 16328

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

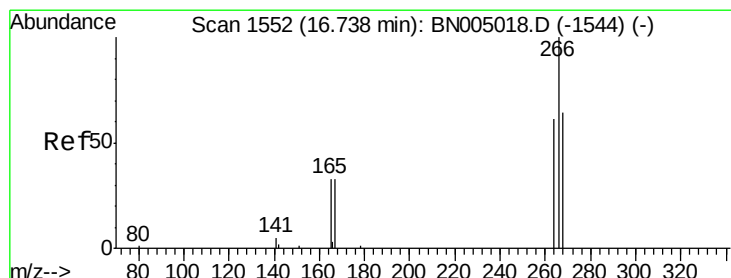
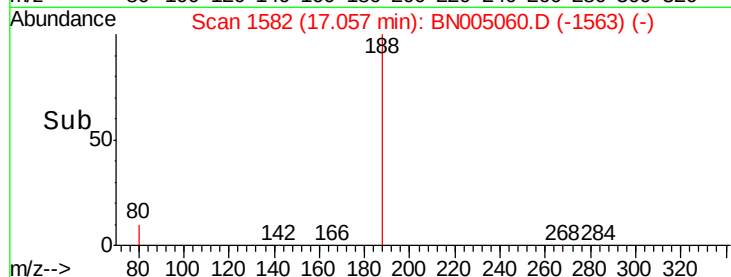
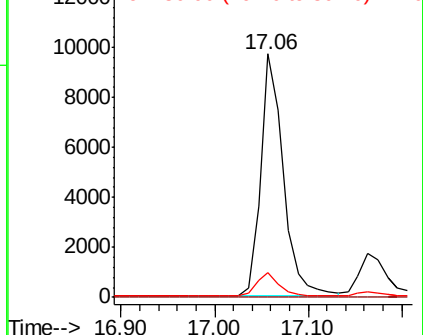
80 10.2 6.9 10.3



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



#22

Pentachlorophenol

Concen: 0.109 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

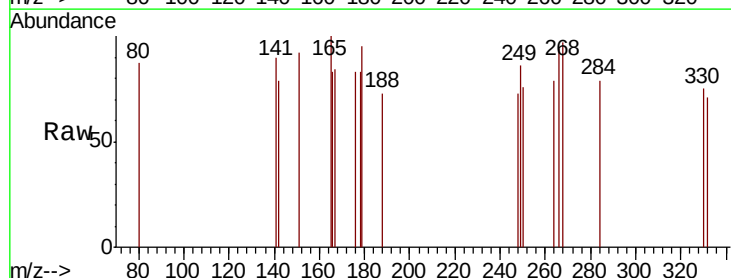
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 84.7 53.4 80.0#

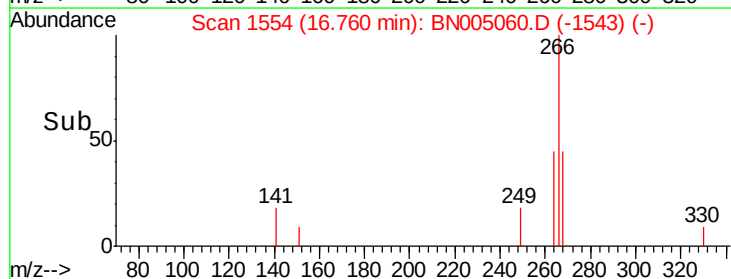
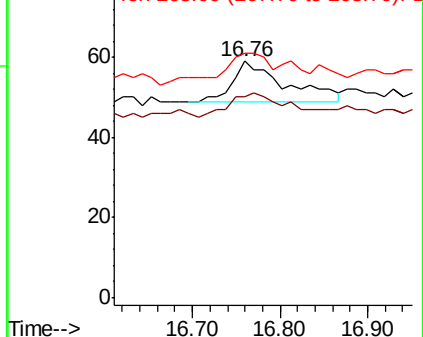
268 103.4 58.9 88.3#

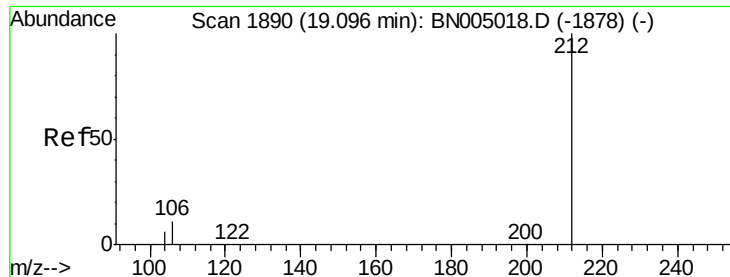


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.10 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BN005060.D

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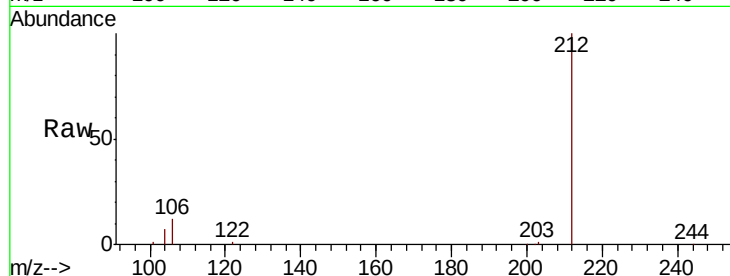
Tgt Ion:212 Resp: 18966

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.2

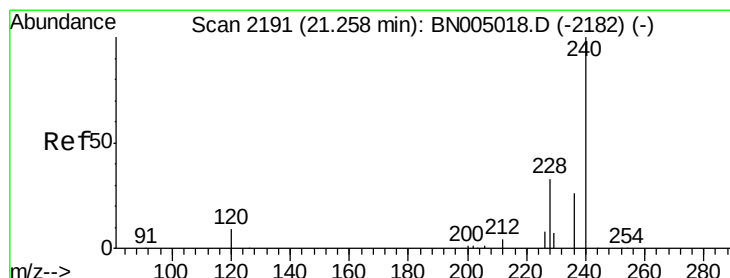
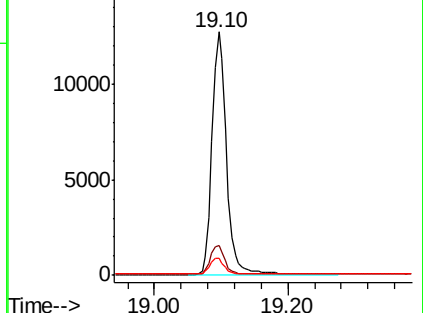
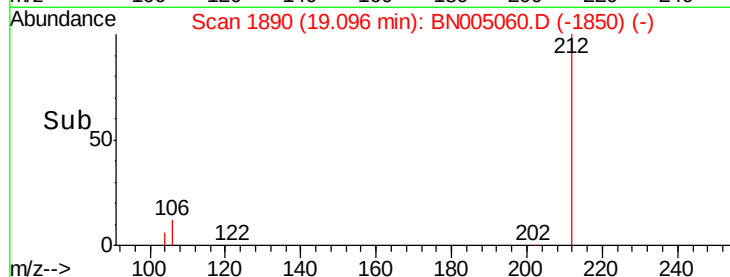
104 6.5 5.4 8.0



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

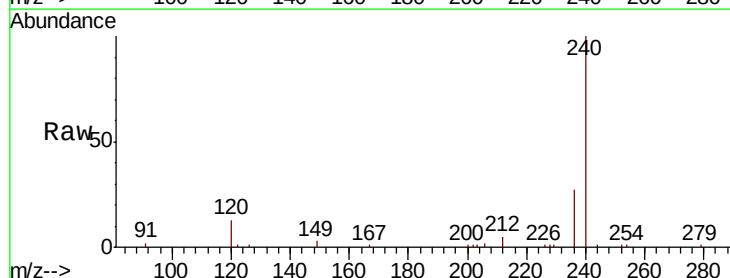
Tgt Ion:240 Resp: 16623

Ion Ratio Lower Upper

240 100

120 13.1 7.4 11.0#

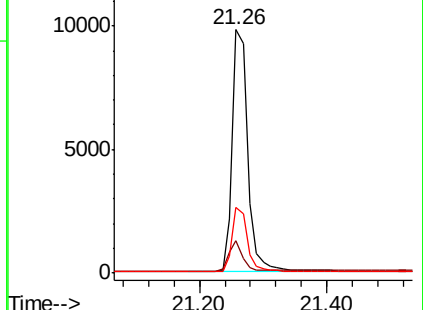
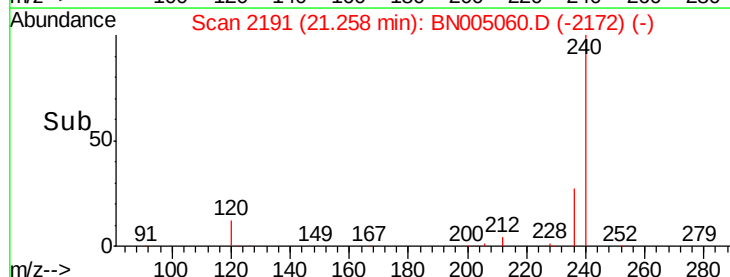
236 27.2 21.0 31.6

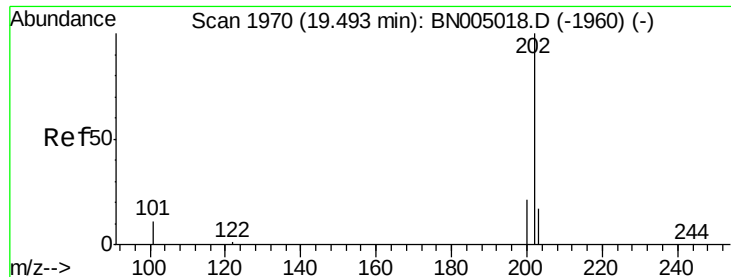


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

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

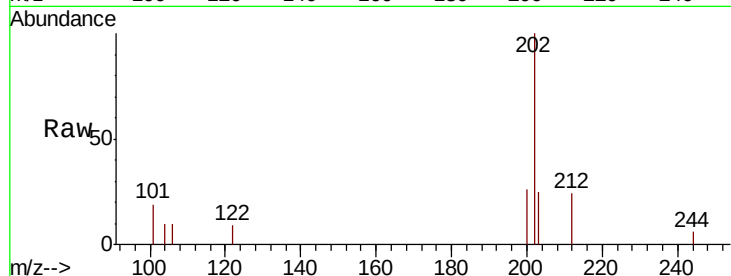
Tgt Ion:202 Resp: 1073

Ion Ratio Lower Upper

202 100

200 20.0 16.5 24.7

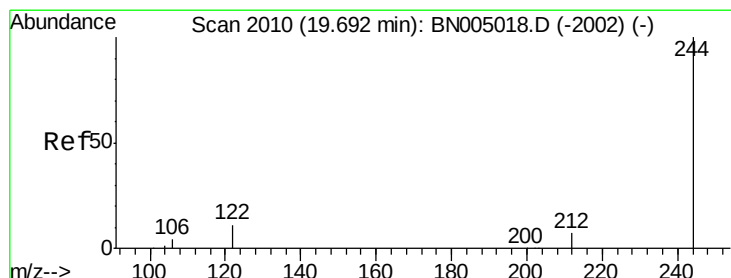
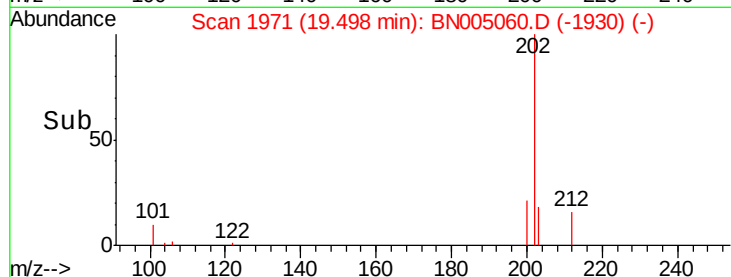
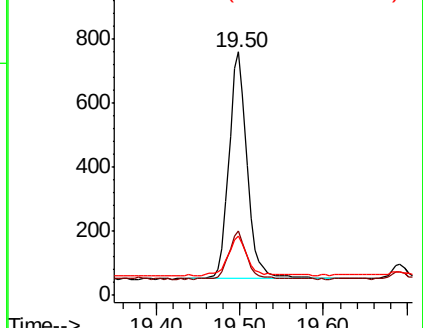
203 18.2 13.9 20.9



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: 0.484 ng

RT: 19.69 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BN005060.D

Acq: 02 Apr 2019 13:59

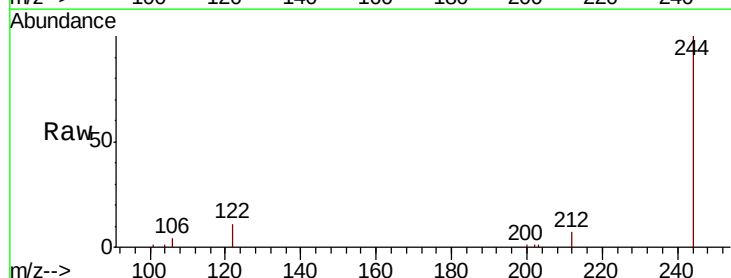
Tgt Ion:244 Resp: 16541

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

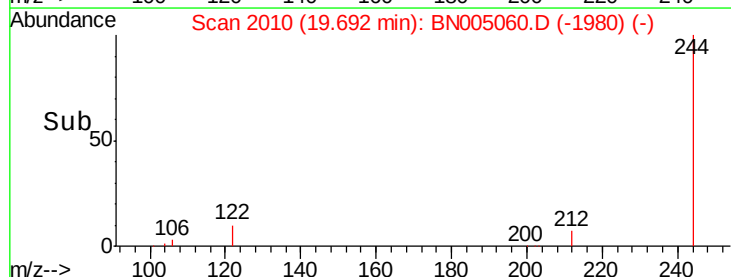
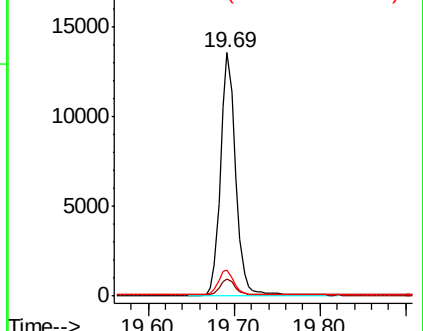
122 10.7 9.0 13.4

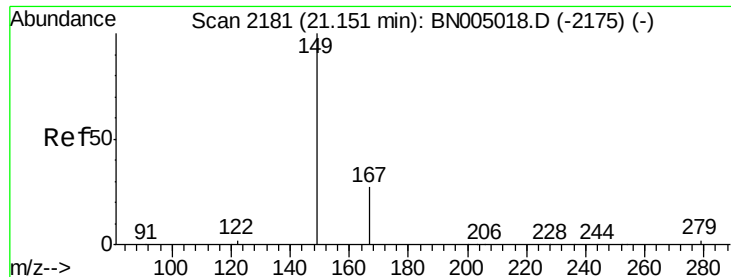


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 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

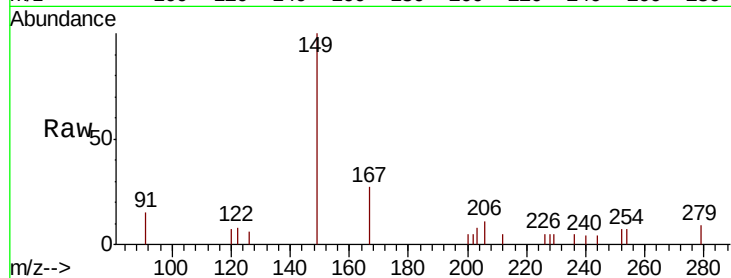
Tgt Ion:149 Resp: 1025

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.4

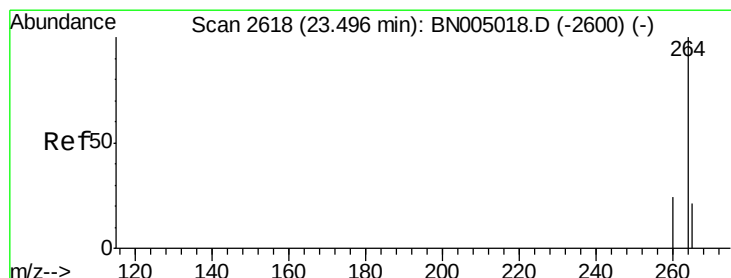
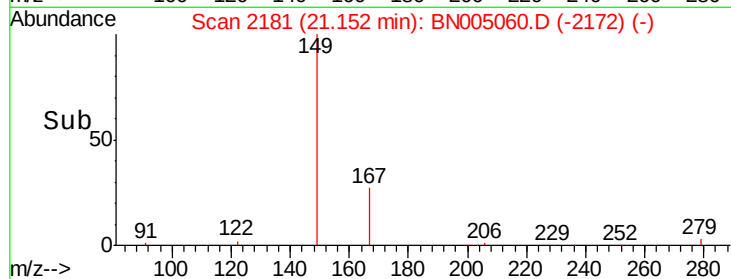
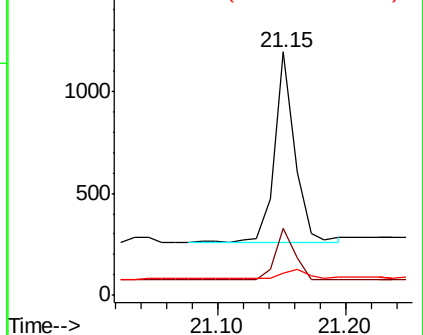
279 6.7 4.2 6.4#



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

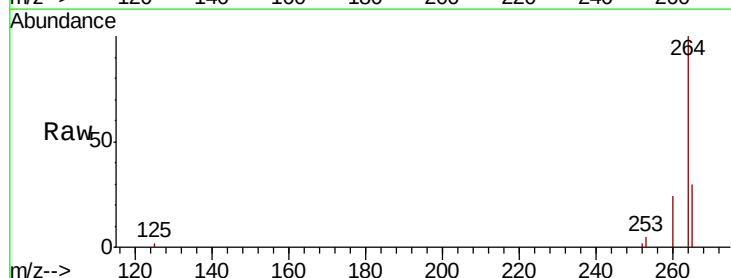
Tgt Ion:264 Resp: 14637

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

