

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
 Data File : BN005059.D
 Acq On : 02 Apr 2019 13:24
 Operator : JU/SJ
 Sample : PB118477BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118477BL

Quant Time: Apr 03 01:57:18 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

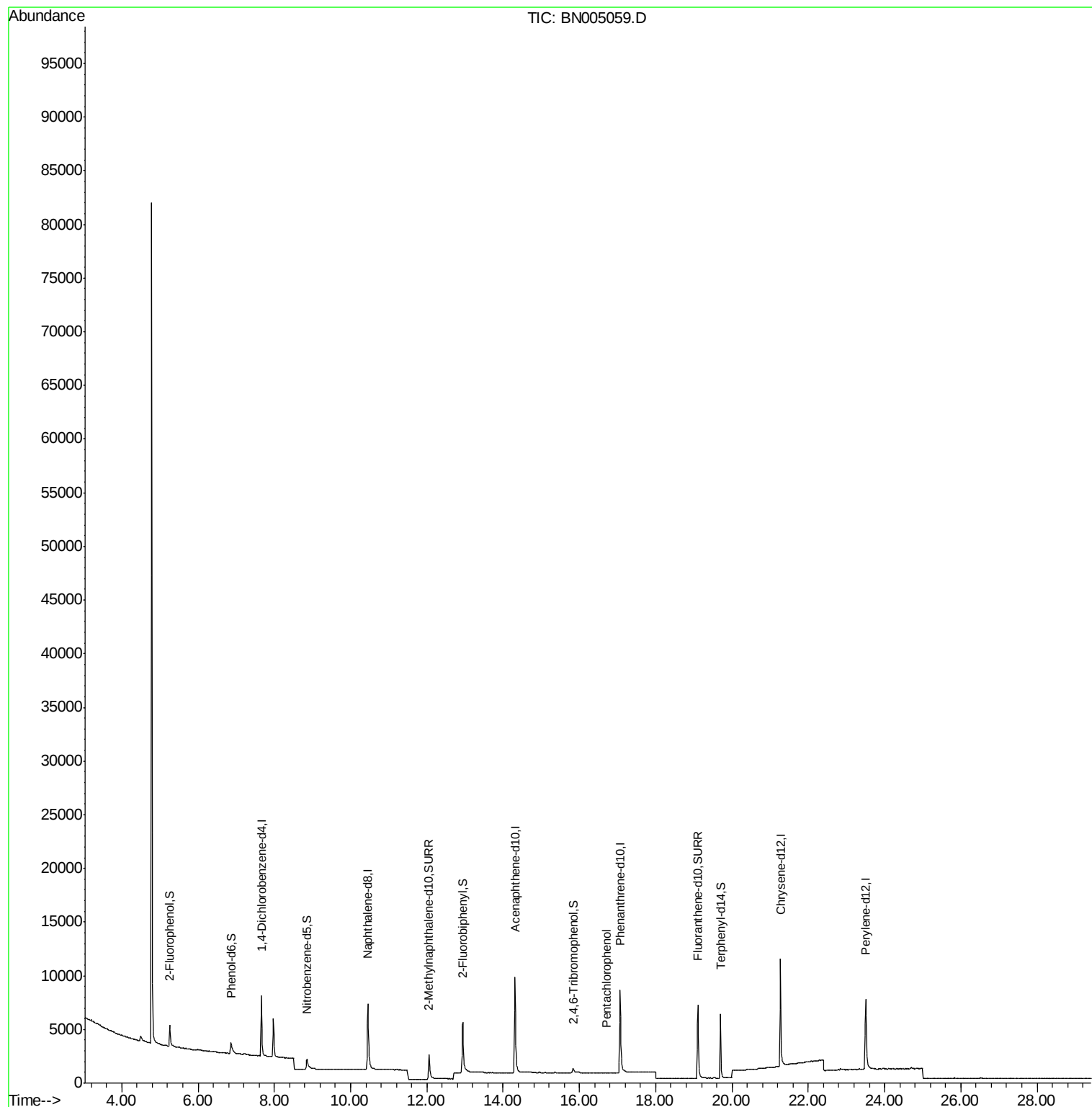
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3213	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	12637	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	6853	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15004	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12333	0.40	ng	0.01
34) Perylene-d12	23.51	264	11281	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2276	0.28	ng	0.00
5) Phenol-d6	6.86	99	2332	0.25	ng	0.02
8) Nitrobenzene-d5	8.86	82	1746	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	5345	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	630	0.16	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	7386	0.29	ng	0.02
25) Fluoranthene-d10	19.11	212	10982	0.26	ng	0.01
29) Terphenyl-d14	19.70	244	7537	0.30	ng	0.01
Target Compounds						
22) Pentachlorophenol	16.71	266	16	0.098	ng	Qvalue # 62

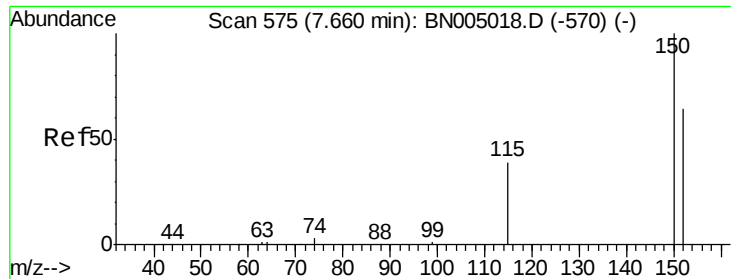
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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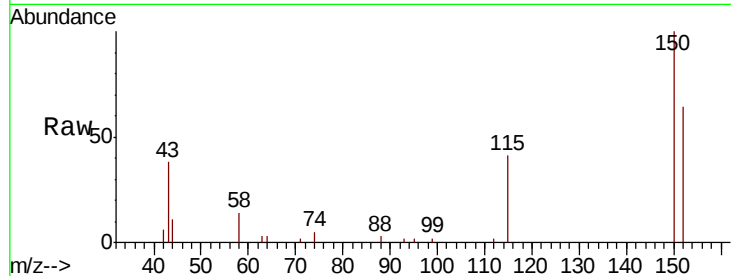
Tgt Ion:152 Resp: 3213

Ion Ratio Lower Upper

152 100

150 155.3 123.4 185.2

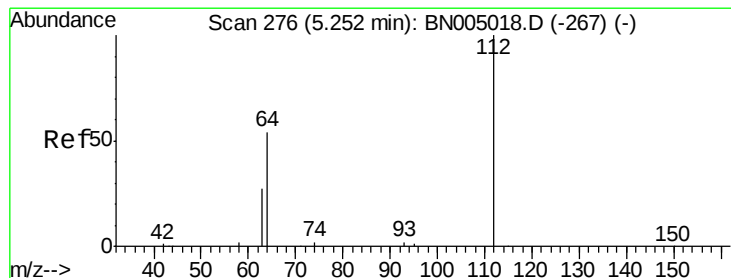
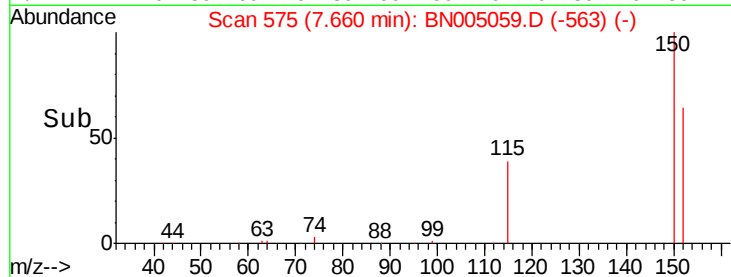
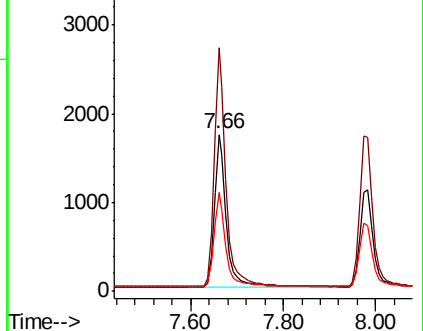
115 63.2 50.0 75.0



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: 0.284 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

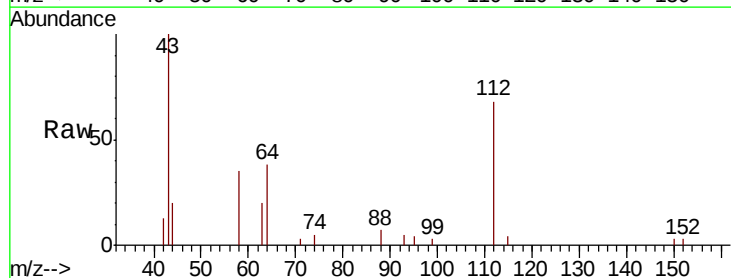
Tgt Ion:112 Resp: 2276

Ion Ratio Lower Upper

112 100

64 52.0 41.9 62.9

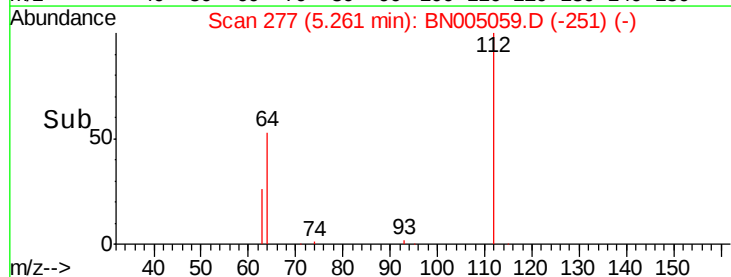
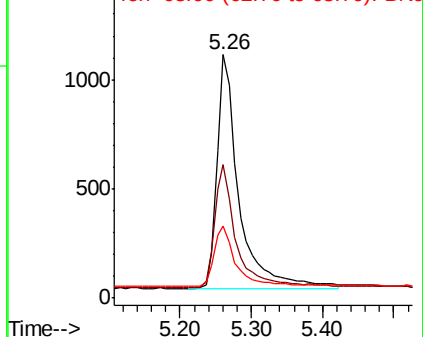
63 25.5 21.5 32.3

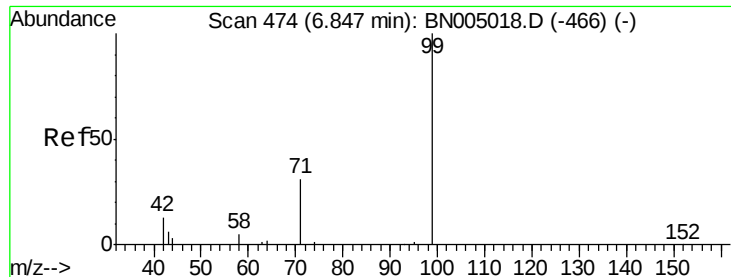


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.245 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

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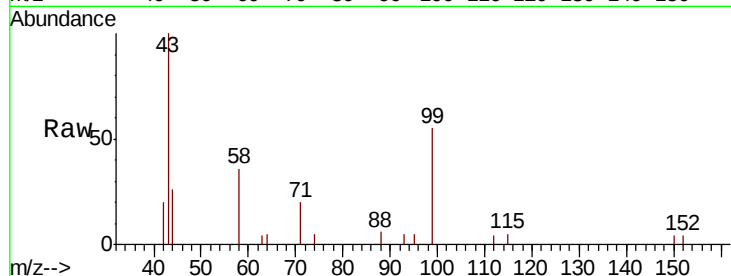
Tgt Ion: 99 Resp: 2332

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

71 30.6 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

800

600

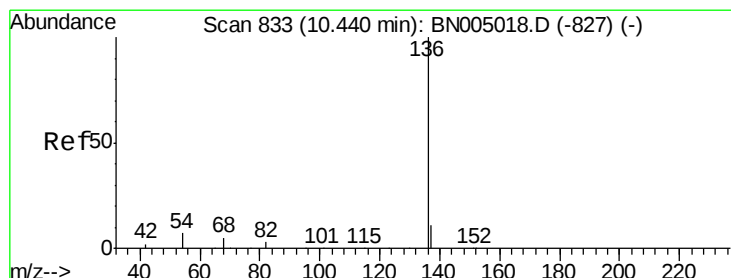
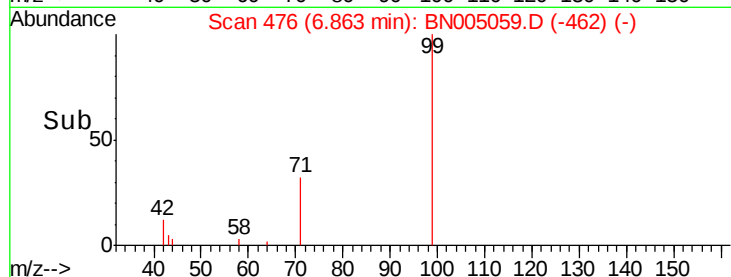
400

200

0

6.70 6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Tgt Ion: 136 Resp: 12637

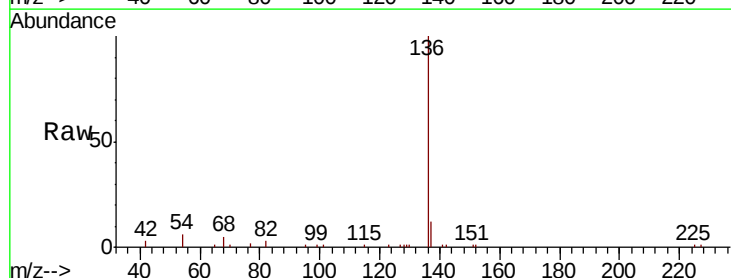
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.0 6.0 9.0

68 5.4 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) (-)

10.45

6000

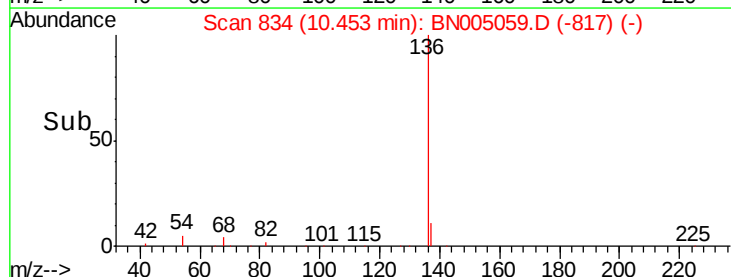
4000

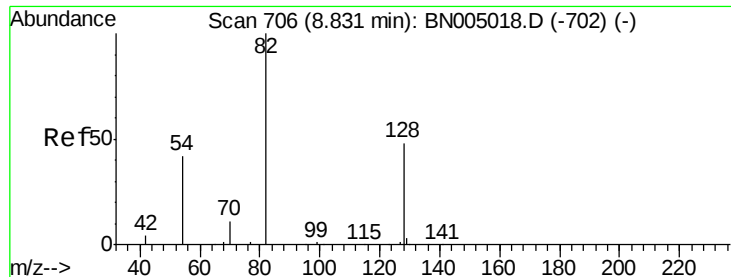
2000

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.238 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

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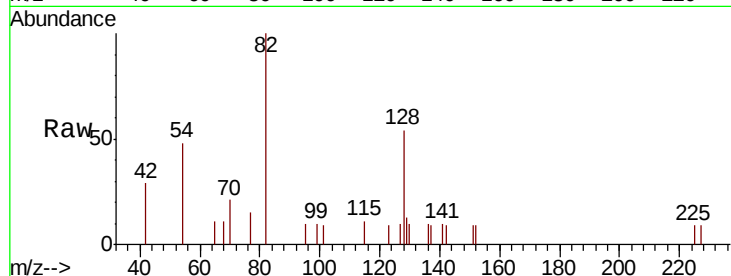
Tgt Ion: 82 Resp: 1746

Ion Ratio Lower Upper

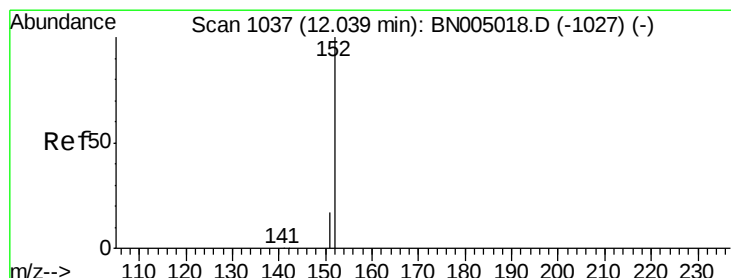
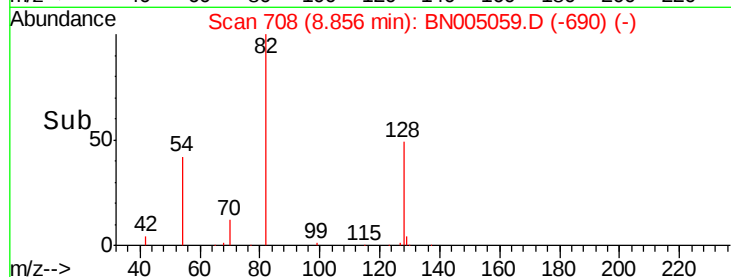
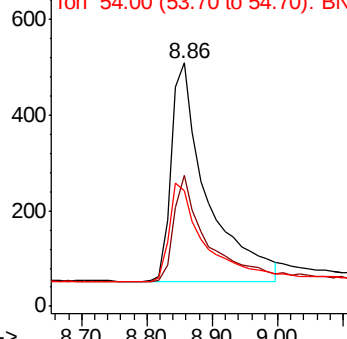
82 100

128 53.6 40.5 60.7

54 47.7 35.7 53.5



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



#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 12.06 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BN005059.D

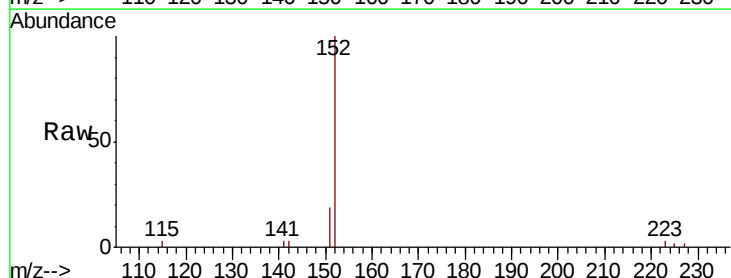
Acq: 02 Apr 2019 13:24

Tgt Ion: 152 Resp: 5345

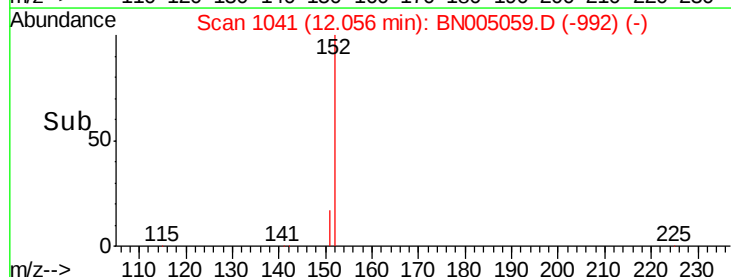
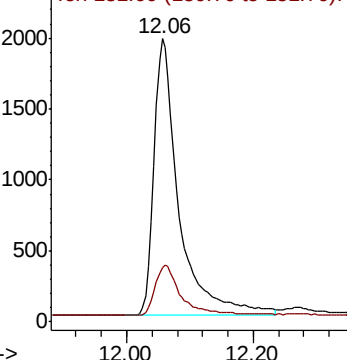
Ion Ratio Lower Upper

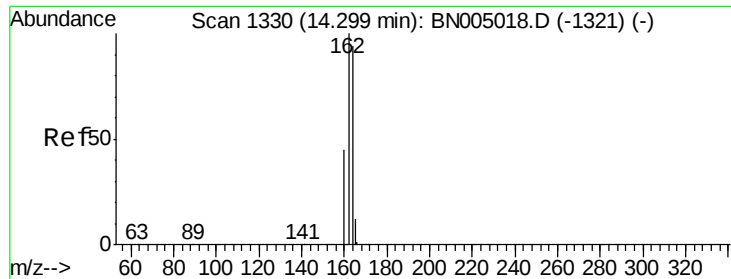
152 100

151 18.8 15.3 22.9



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

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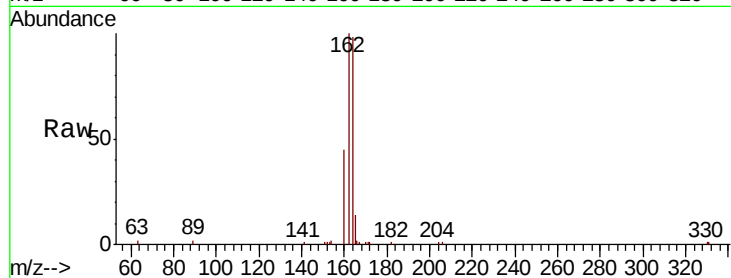
Tgt Ion:164 Resp: 6853

Ion Ratio Lower Upper

164 100

162 102.4 85.3 127.9

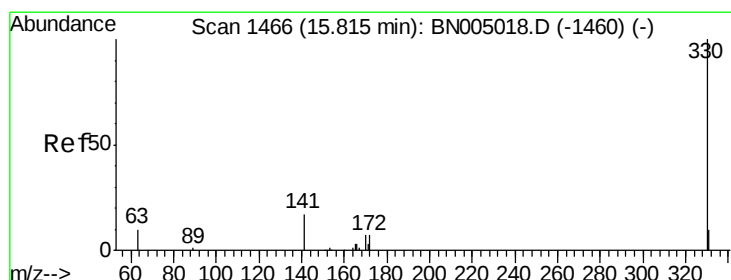
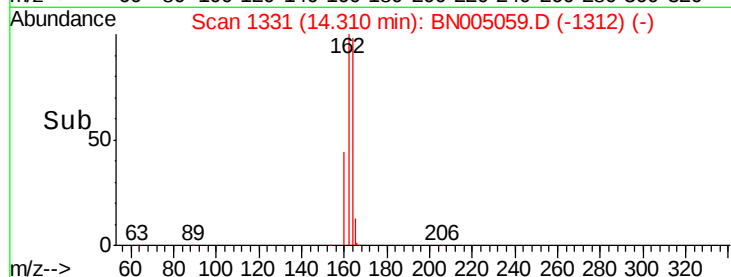
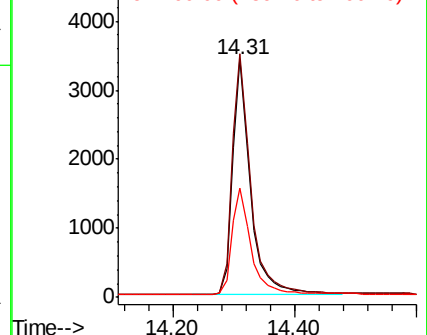
160 46.1 39.2 58.8



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: 0.164 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

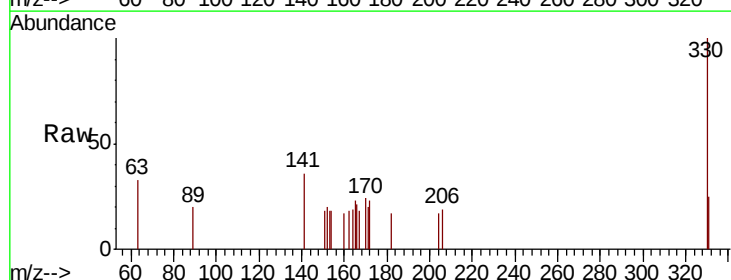
Tgt Ion:330 Resp: 630

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

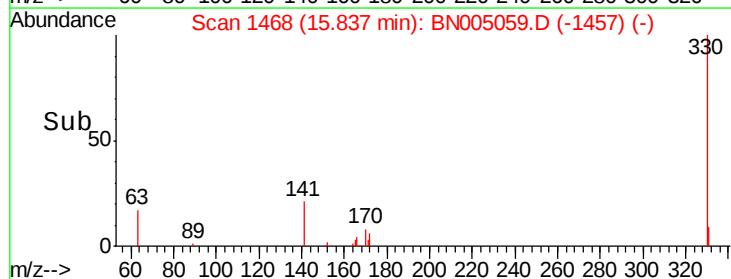
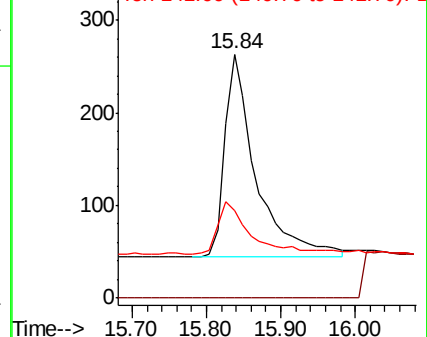
141 26.3 21.3 31.9

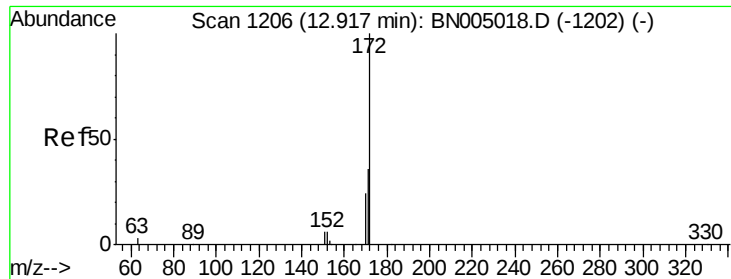


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

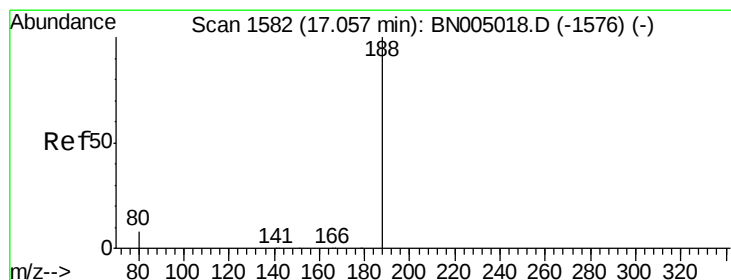
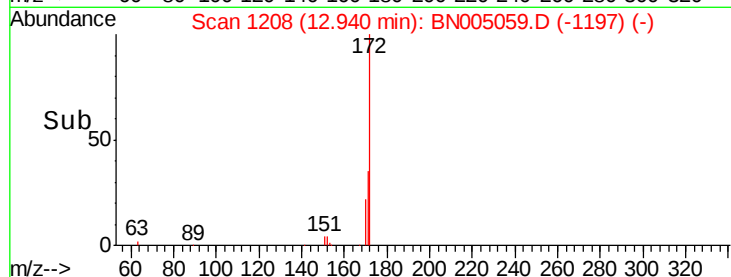
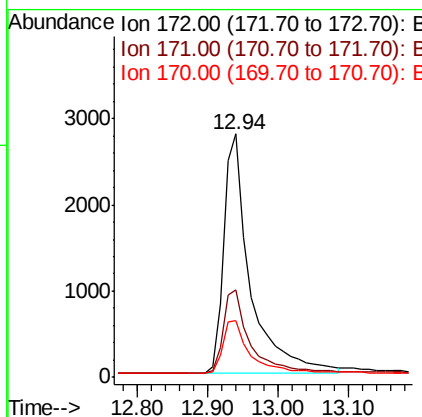
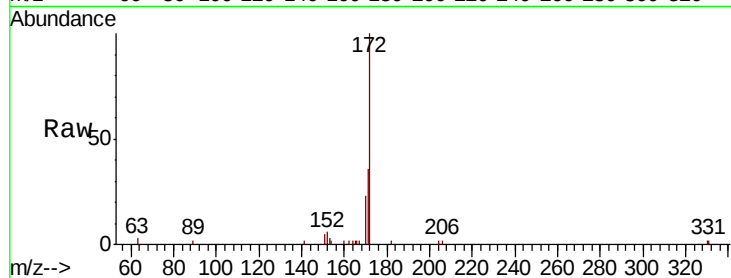




#15
 2-Fluorobiphenyl
 Concen: 0.285 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. 0.02 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

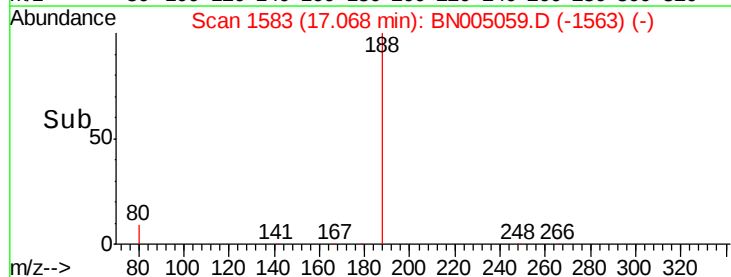
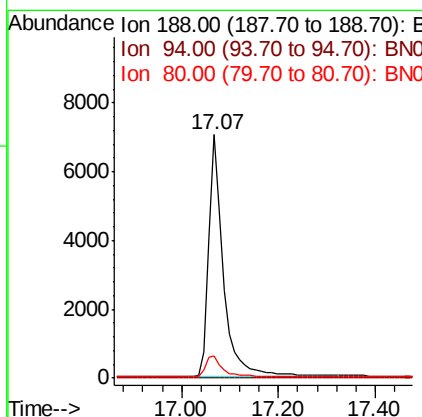
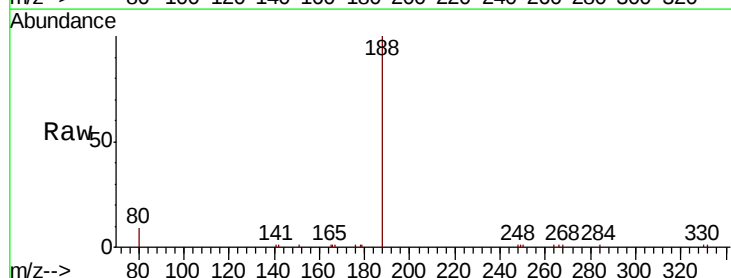
Instrument :
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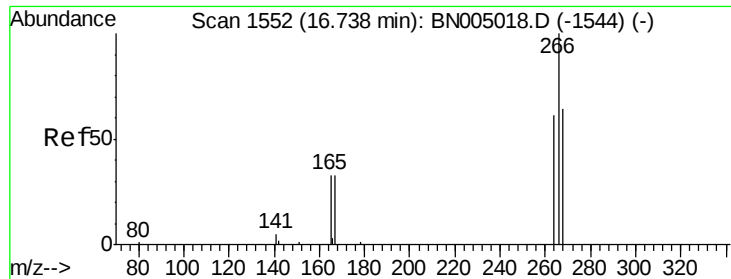
Tgt Ion:172 Resp: 7386
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.2 20.0 30.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

Tgt Ion:188 Resp: 15004
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.2 6.9 10.3

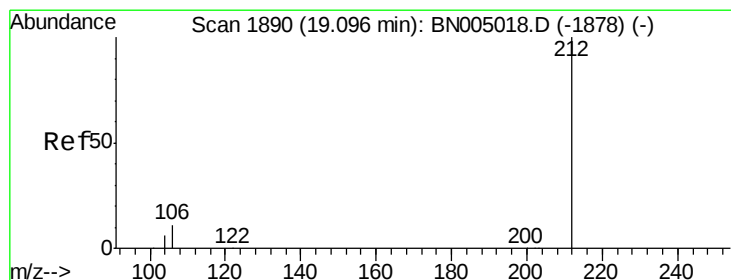
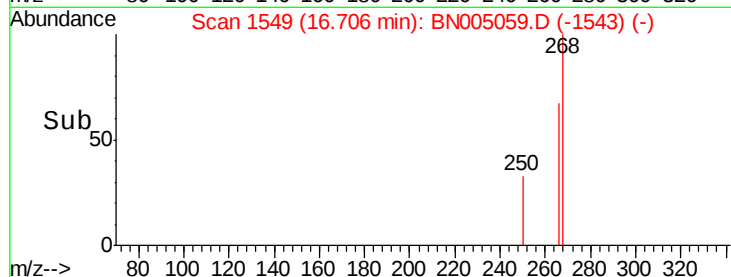
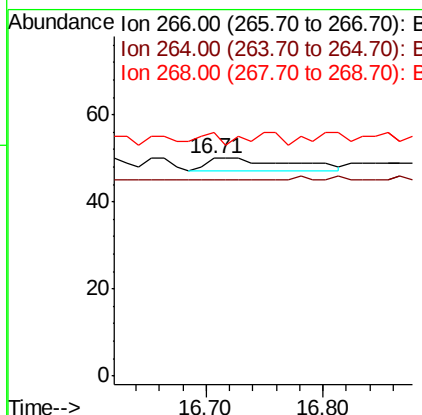
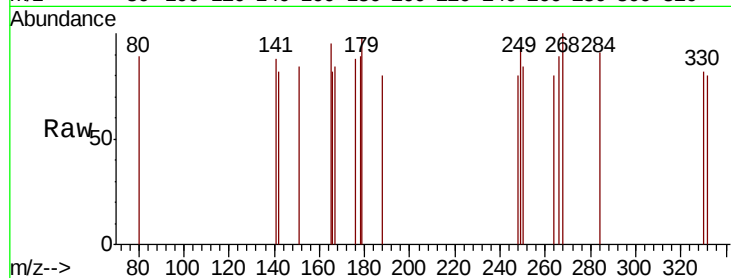




#22
 Pentachlorophenol
 Concen: 0.098 ng
 RT: 16.71 min Scan# 1549
 Delta R.T. -0.03 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

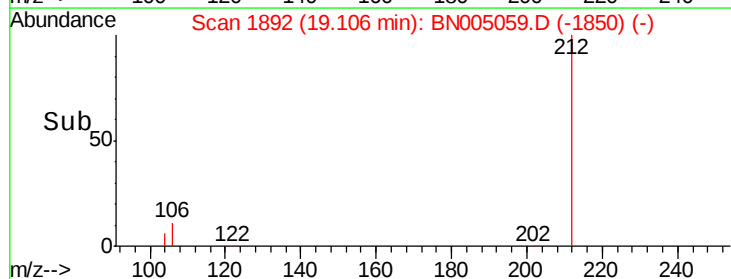
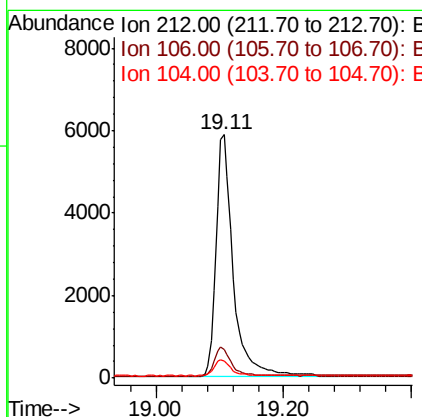
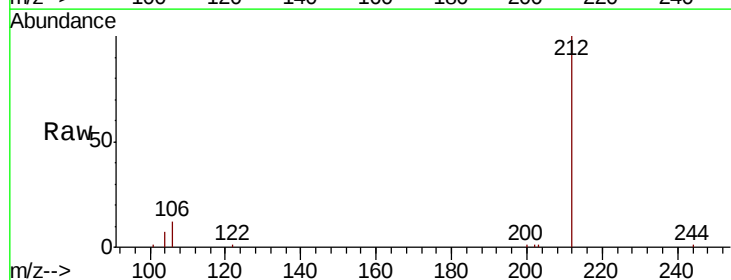
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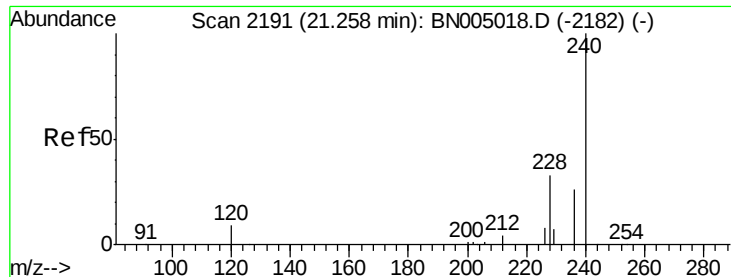
Tgt Ion: 266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 90.0 53.4 80.0#
 268 112.0 58.9 88.3#



#25
 Fluoranthene-d10
 Concen: 0.256 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

Tgt Ion: 212 Resp: 10982
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.2
 104 6.6 5.4 8.0

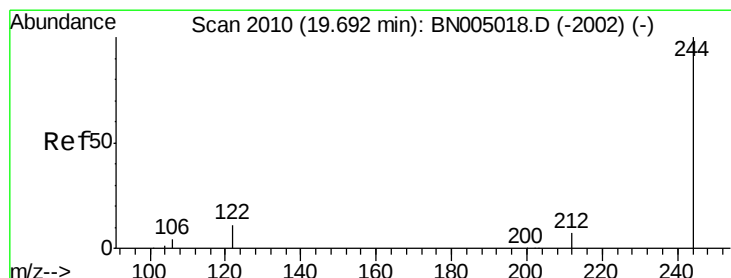
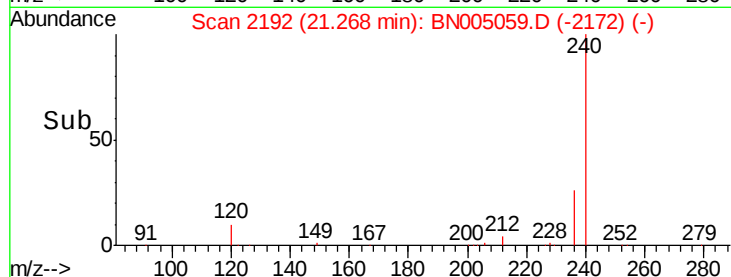
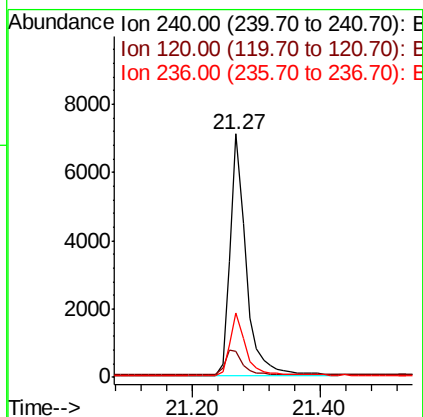
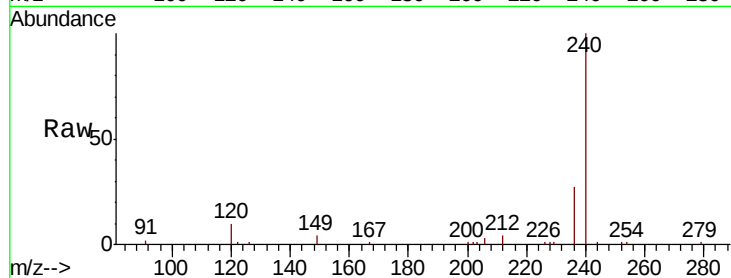




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. 0.01 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

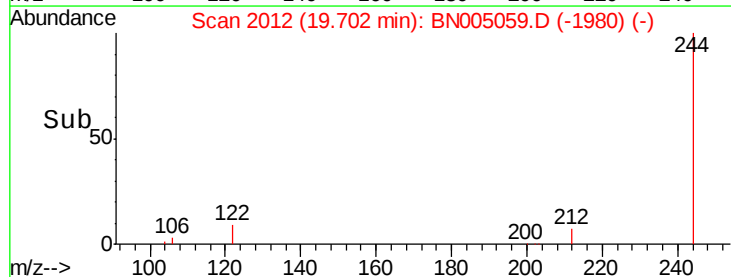
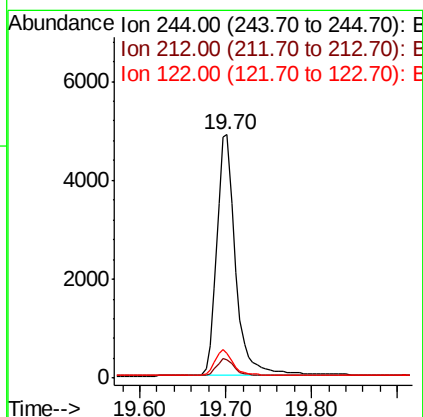
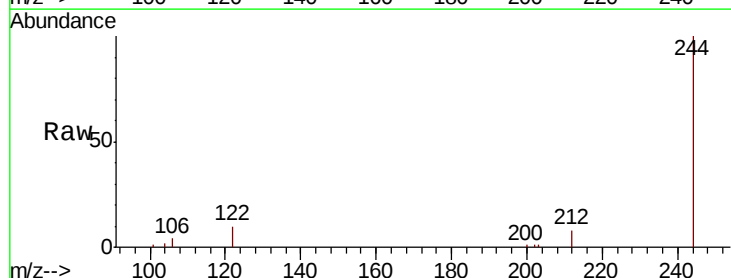
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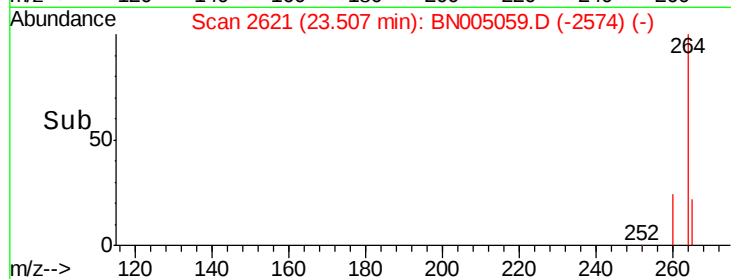
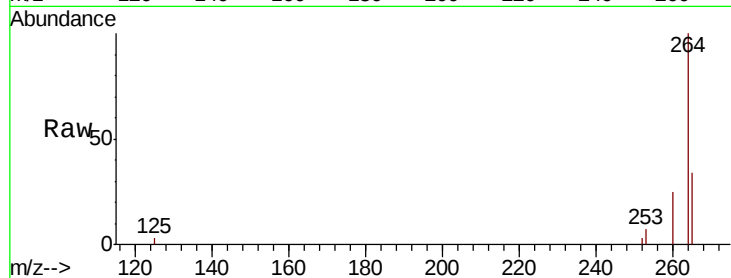
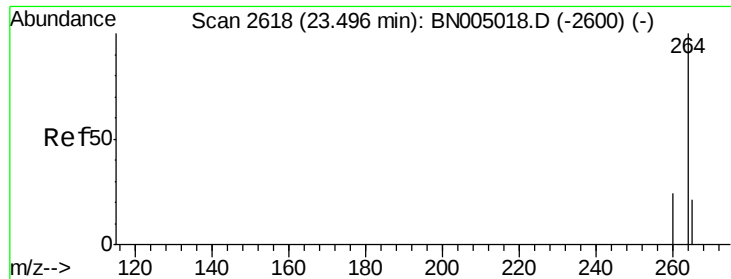
Tgt Ion:240 Resp: 12333
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.4 11.0
 236 26.7 21.0 31.6



#29
 Terphenyl-d14
 Concen: 0.297 ng
 RT: 19.70 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BN005059.D
 Acq: 02 Apr 2019 13:24

Tgt Ion:244 Resp: 7537
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.1 9.0 13.4





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.51 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN005059.D

Acq: 02 Apr 2019 13:24

Instrument :

BNA_N

ClientSampleId :

PB118477BL

Tgt Ion: 264 Resp: 11281

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 34.0 22.5 33.7#

