

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000217.D
 Acq On : 01 Mar 2018 15:02
 Operator : JU/SJ
 Sample : PB106169BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

Quant Time: Mar 01 17:51:38 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5225	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	20824	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10402	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25193	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19523	0.40	ng	0.00
34) Perylene-d12	24.38	264	15872	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4549	0.41	ng	0.00
5) Phenol-d6	7.57	99	5497	0.39	ng	0.00
8) Nitrobenzene-d5	9.63	82	4539	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12667	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1106	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	19096	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	25761	0.38	ng	0.00
29) Terphenyl-d14	20.34	244	14947	0.44	ng	0.00

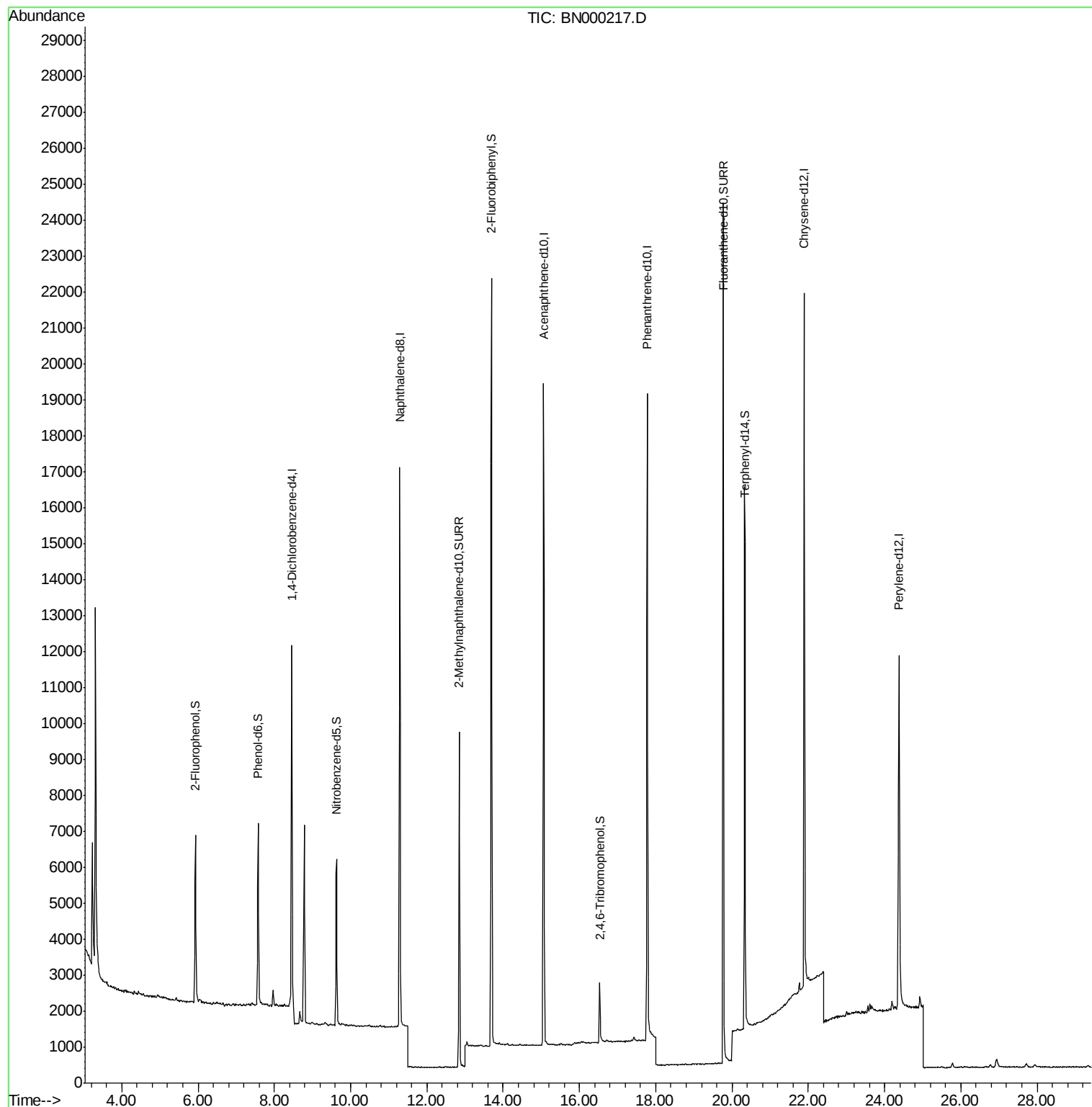
Target Compounds	Qvalue
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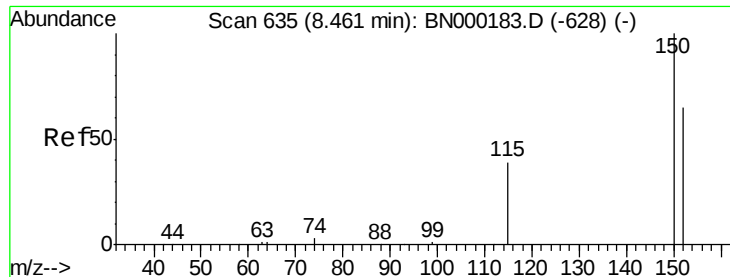
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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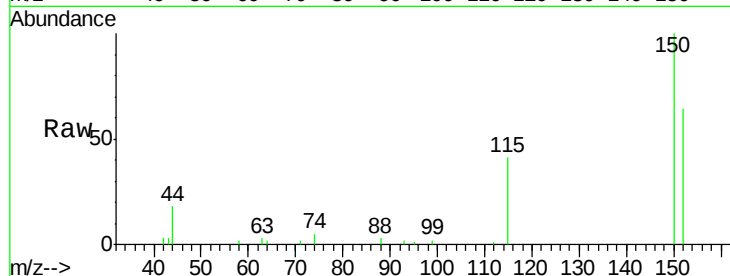




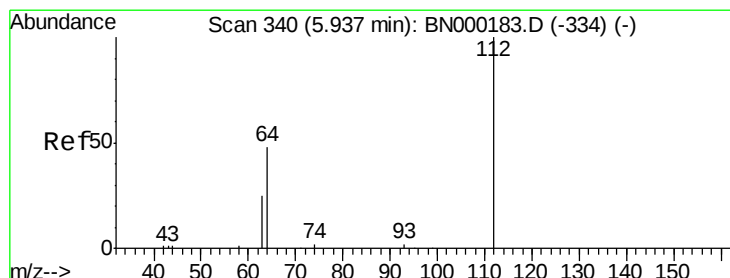
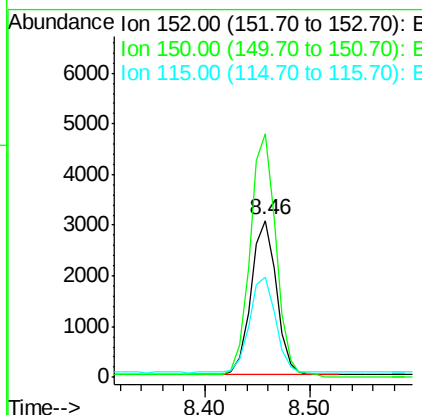
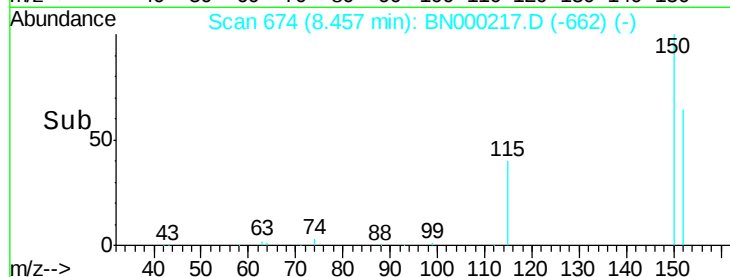
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

Tot Ion:152 Resp: 5225
 Ion Ratio Lower Upper
 152 100
 150 155.1 117.2 175.8
 115 64.0 57.0 85.6

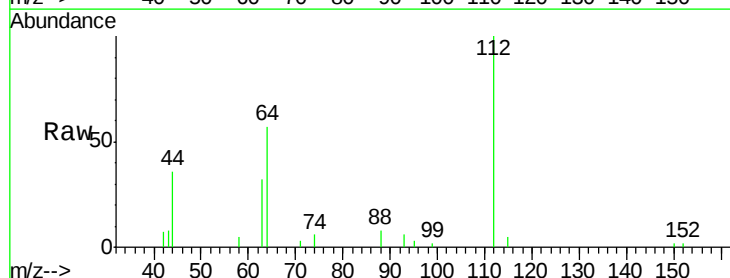


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

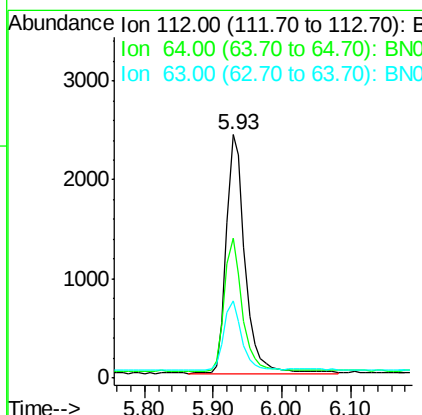
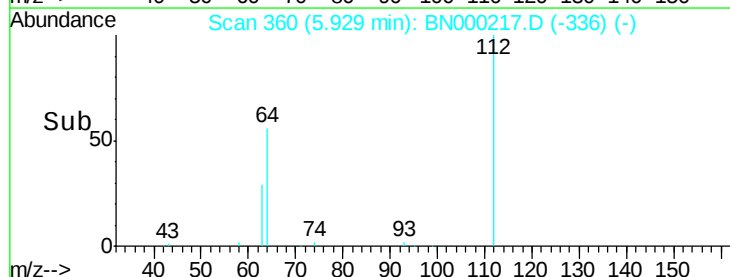


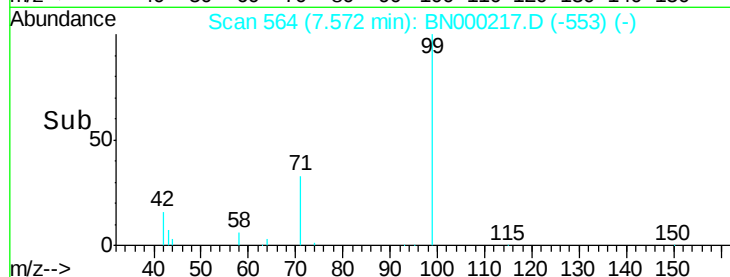
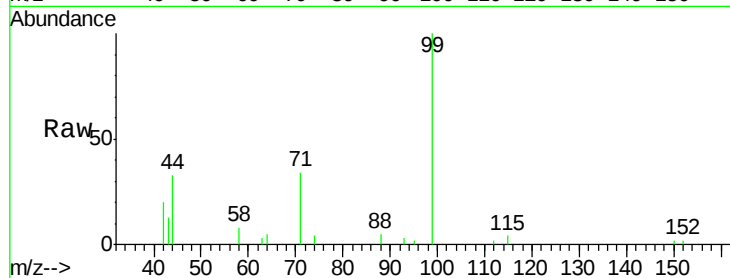
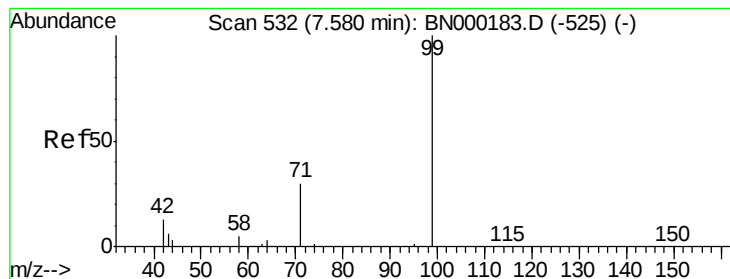
#4
 2-Fluorophenol
 Concen: 0.412 ng
 RT: 5.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Tgt Ion:112 Resp: 4549
 Ion Ratio Lower Upper
 112 100
 64 53.9 60.1 90.1#
 63 28.2 116.8 175.2#



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: 0.392 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

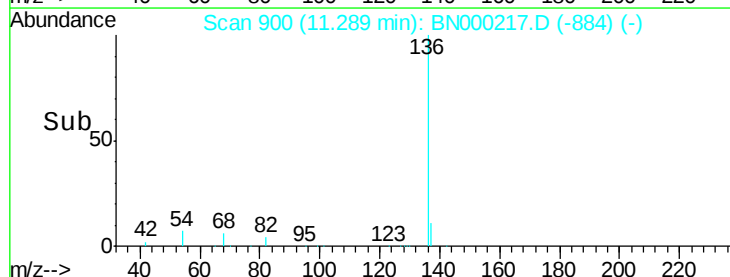
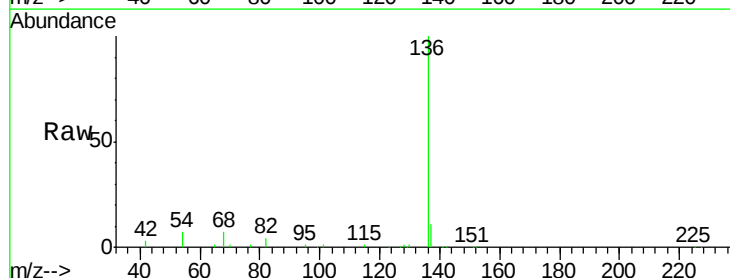
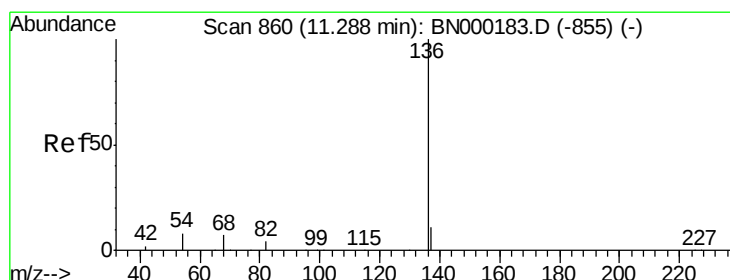
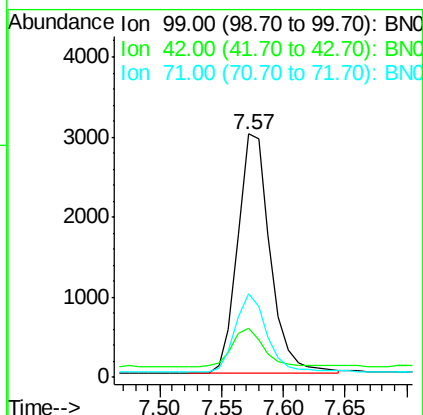
Tot Ion: 99 Resp: 5497

Ion Ratio Lower Upper

99 100

42 15.7 20.2 30.2#

71 31.5 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 900

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Tgt Ion: 136 Resp: 20824

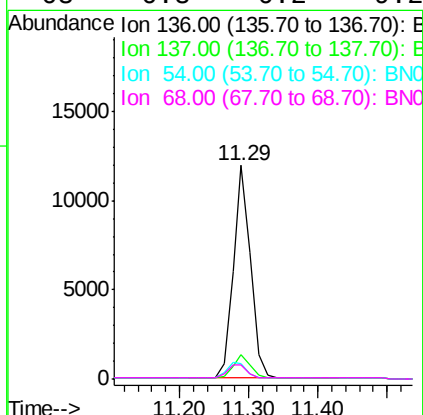
Ion Ratio Lower Upper

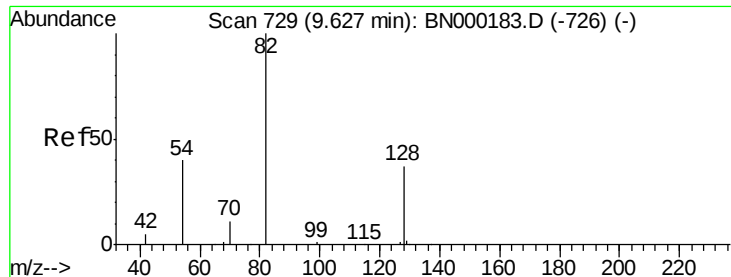
136 100

137 11.2 9.5 14.3

54 7.3 29.1 43.7#

68 6.8 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

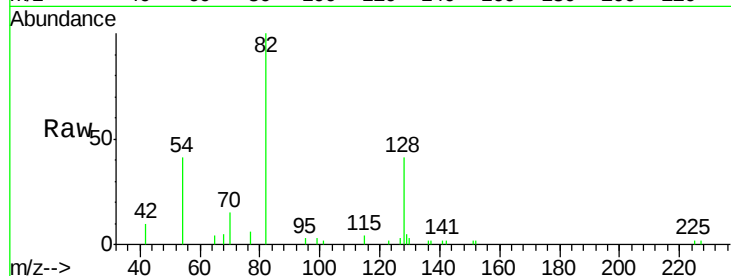
Tot Ion: 82 Resp: 4539

Ion Ratio Lower Upper

82 100

128 40.6 150.0 225.0#

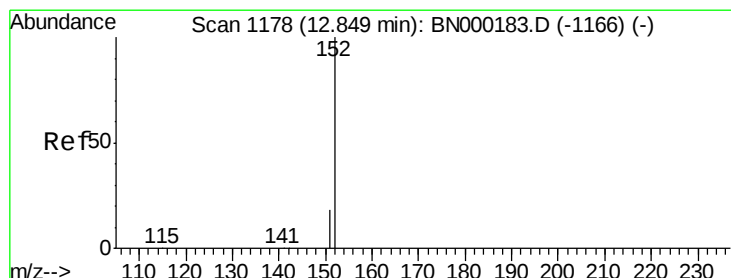
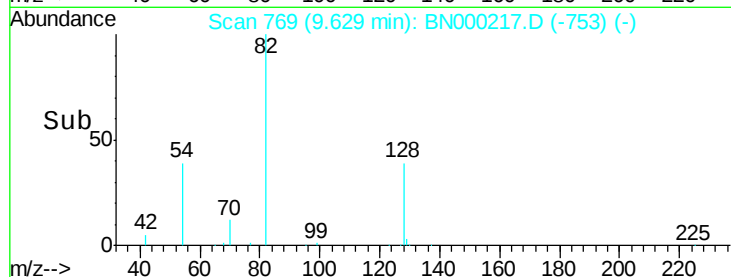
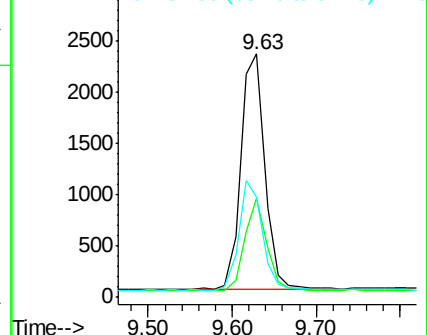
54 41.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.85 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BN000217.D

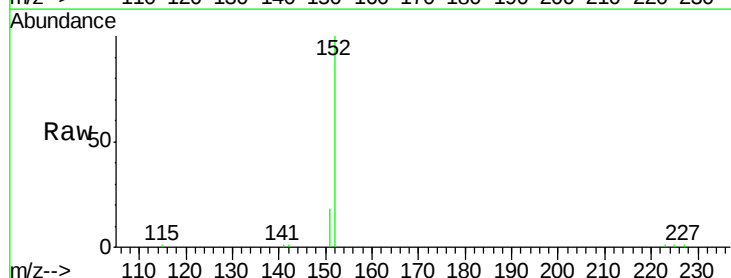
Acq: 01 Mar 2018 15:02

Tgt Ion: 152 Resp: 12667

Ion Ratio Lower Upper

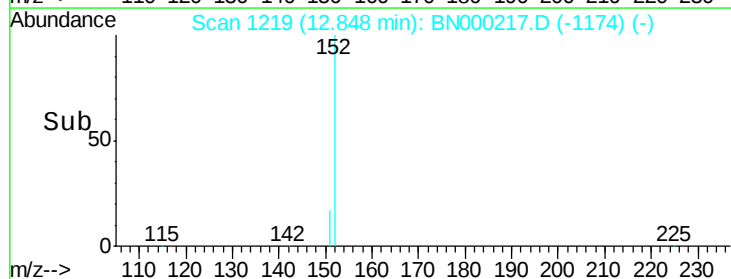
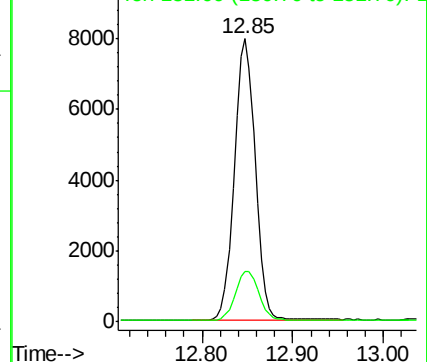
152 100

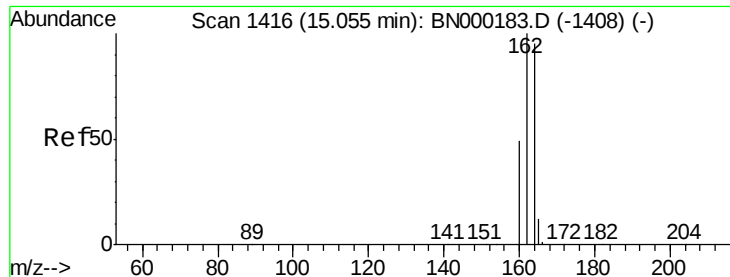
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

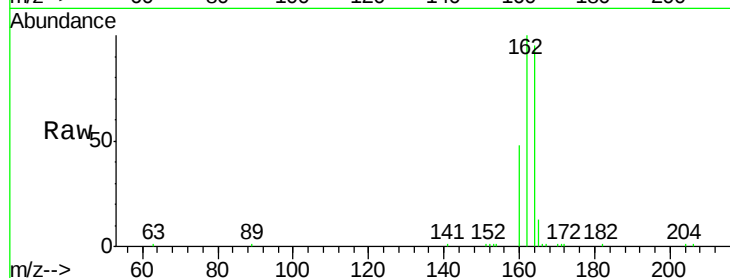
Tot Ion:164 Resp: 10402

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

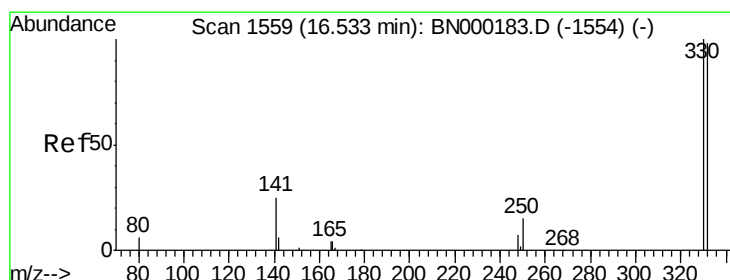
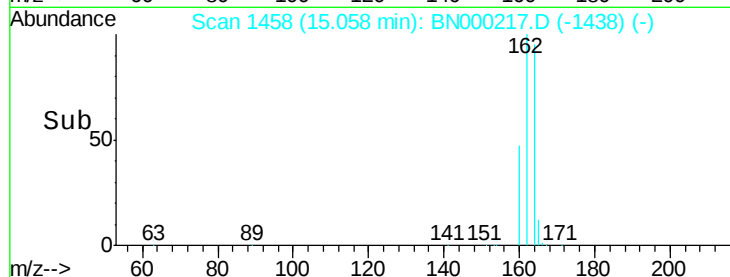
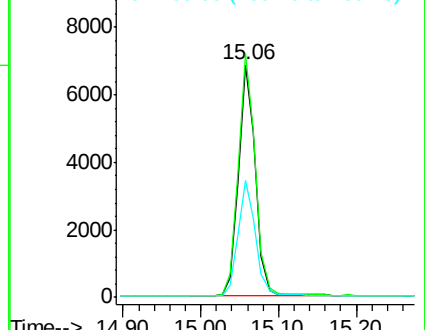
160 50.1 37.1 55.7



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: 0.335 ng

RT: 16.54 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

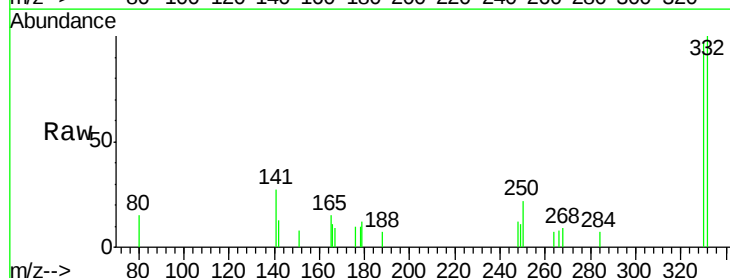
Tgt Ion:330 Resp: 1106

Ion Ratio Lower Upper

330 100

332 98.6 152.7 229.1#

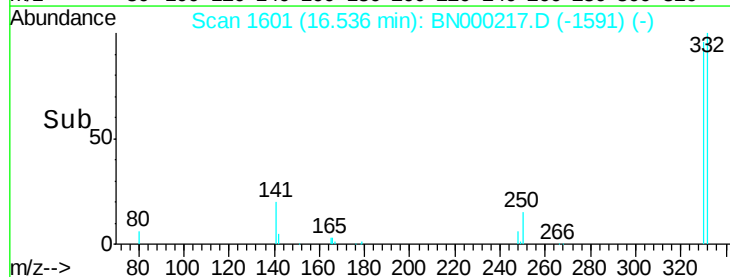
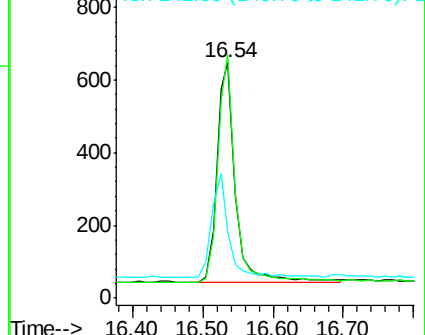
141 45.3 33.7 50.5

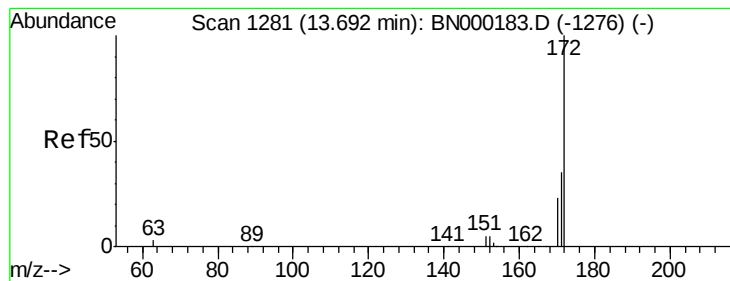


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 13.69 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

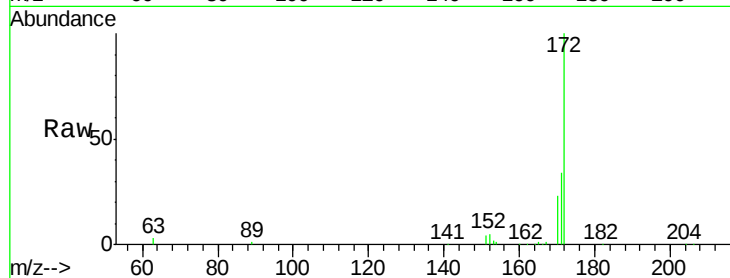
Tot Ion:172 Resp: 19096

Ion Ratio Lower Upper

172 100

171 34.3 29.9 44.9

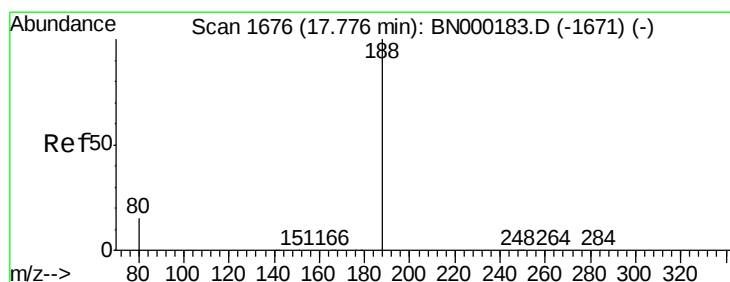
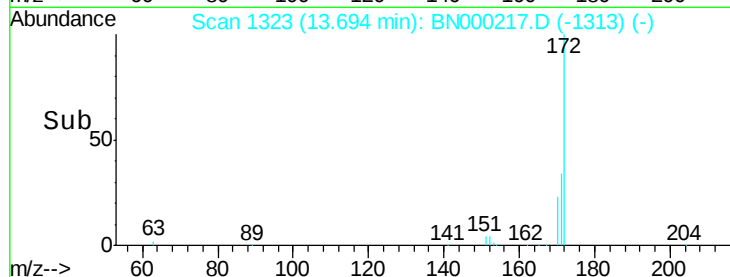
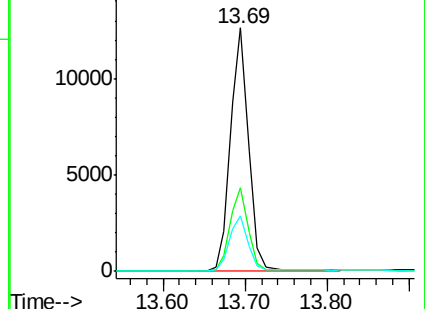
170 22.9 21.8 32.8



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: 17.78 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

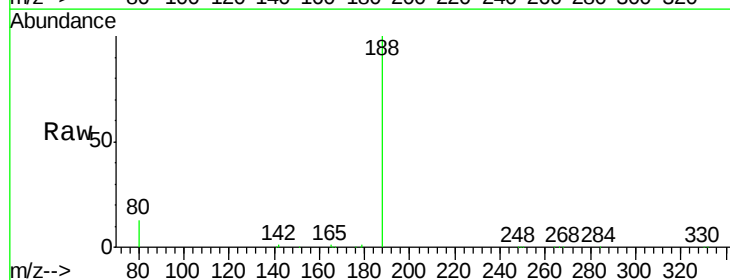
Tgt Ion:188 Resp: 25193

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

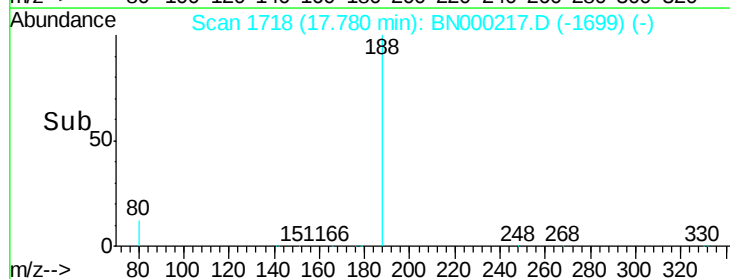
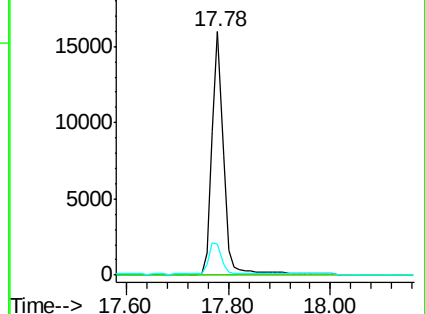
80 12.9 3.6 5.4#

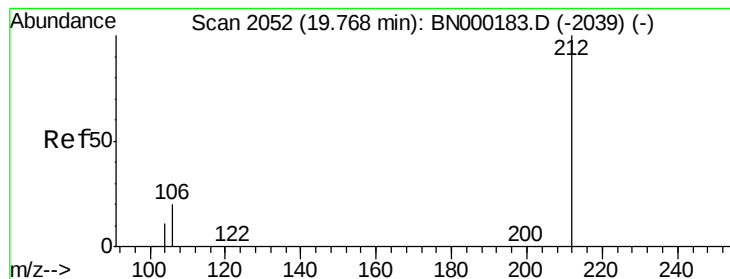


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

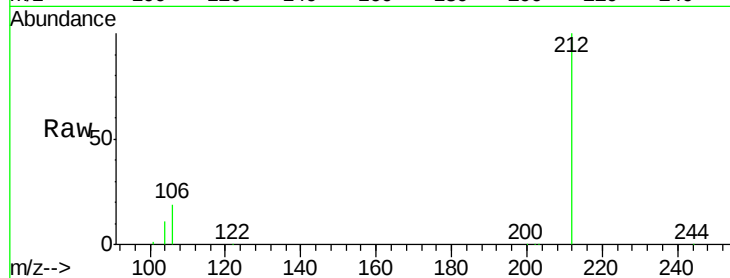
Tot Ion:212 Resp: 25761

Ion Ratio Lower Upper

212 100

106 19.0 2.8 4.2#

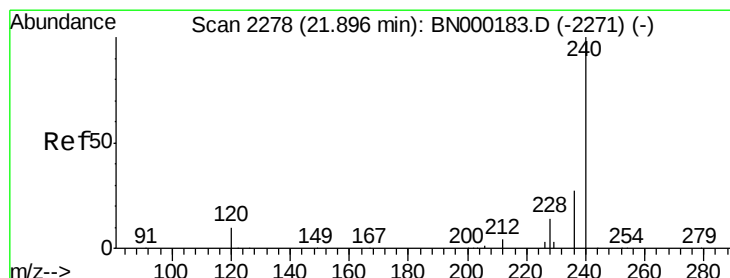
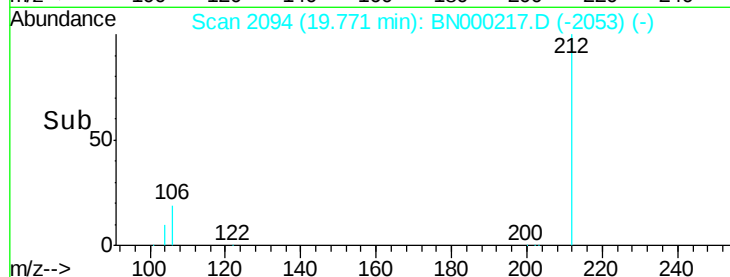
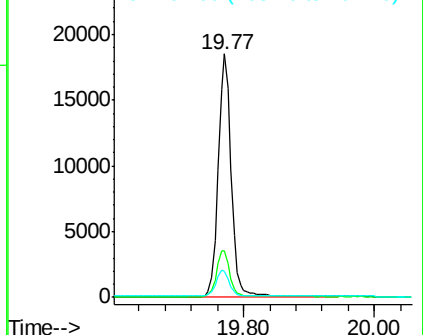
104 10.8 1.6 2.4#



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: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

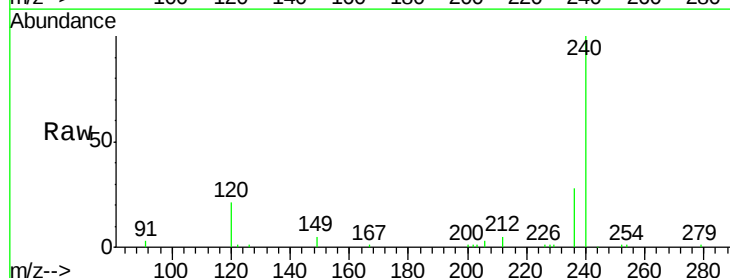
Tgt Ion:240 Resp: 19523

Ion Ratio Lower Upper

240 100

120 21.3 5.5 8.3#

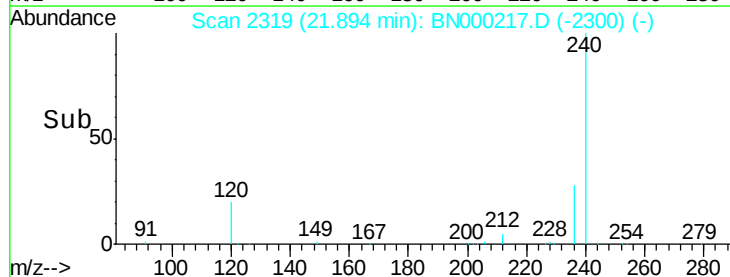
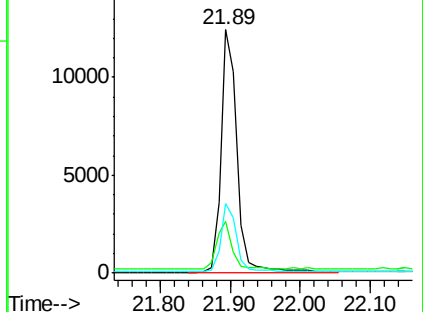
236 28.4 20.7 31.1

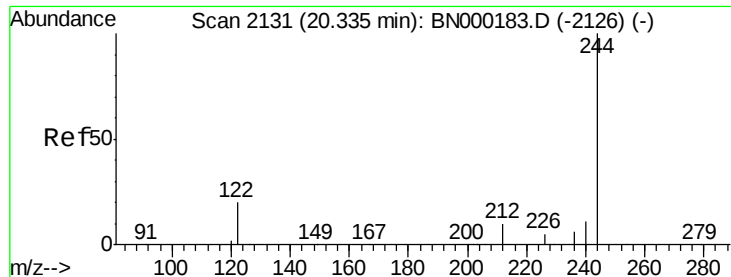


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 20.34 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

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PB106169BL

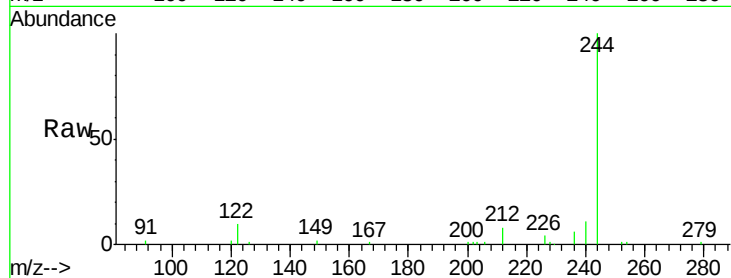
Tot Ion:244 Resp: 14947

Ion Ratio Lower Upper

244 100

212 7.5 25.4 38.0#

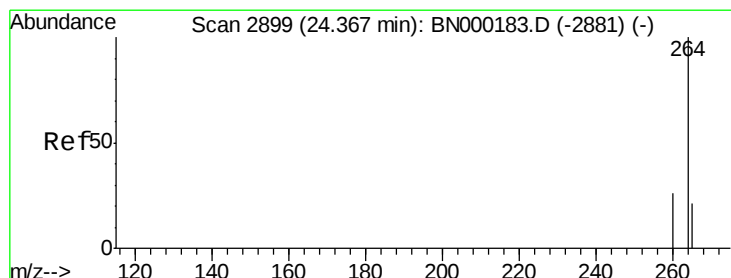
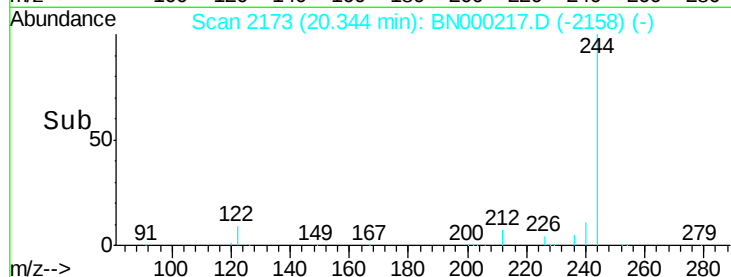
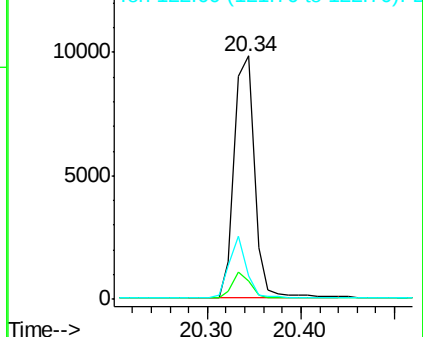
122 9.8 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.38 min Scan# 2943

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

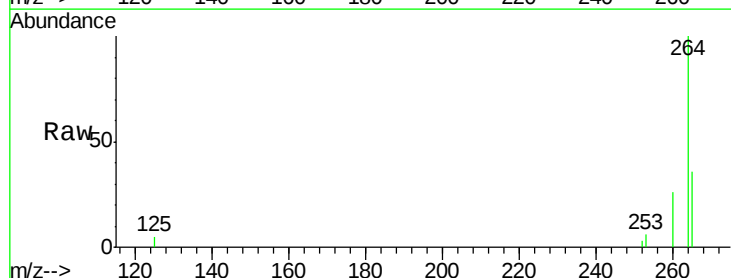
Tgt Ion:264 Resp: 15872

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 36.5 22.8 34.2#



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

