

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007879.D
 Acq On : 26 Sep 2019 07:29
 Operator : JU
 Sample : K4974-09DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20190916DL

Quant Time: Sep 26 12:30:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

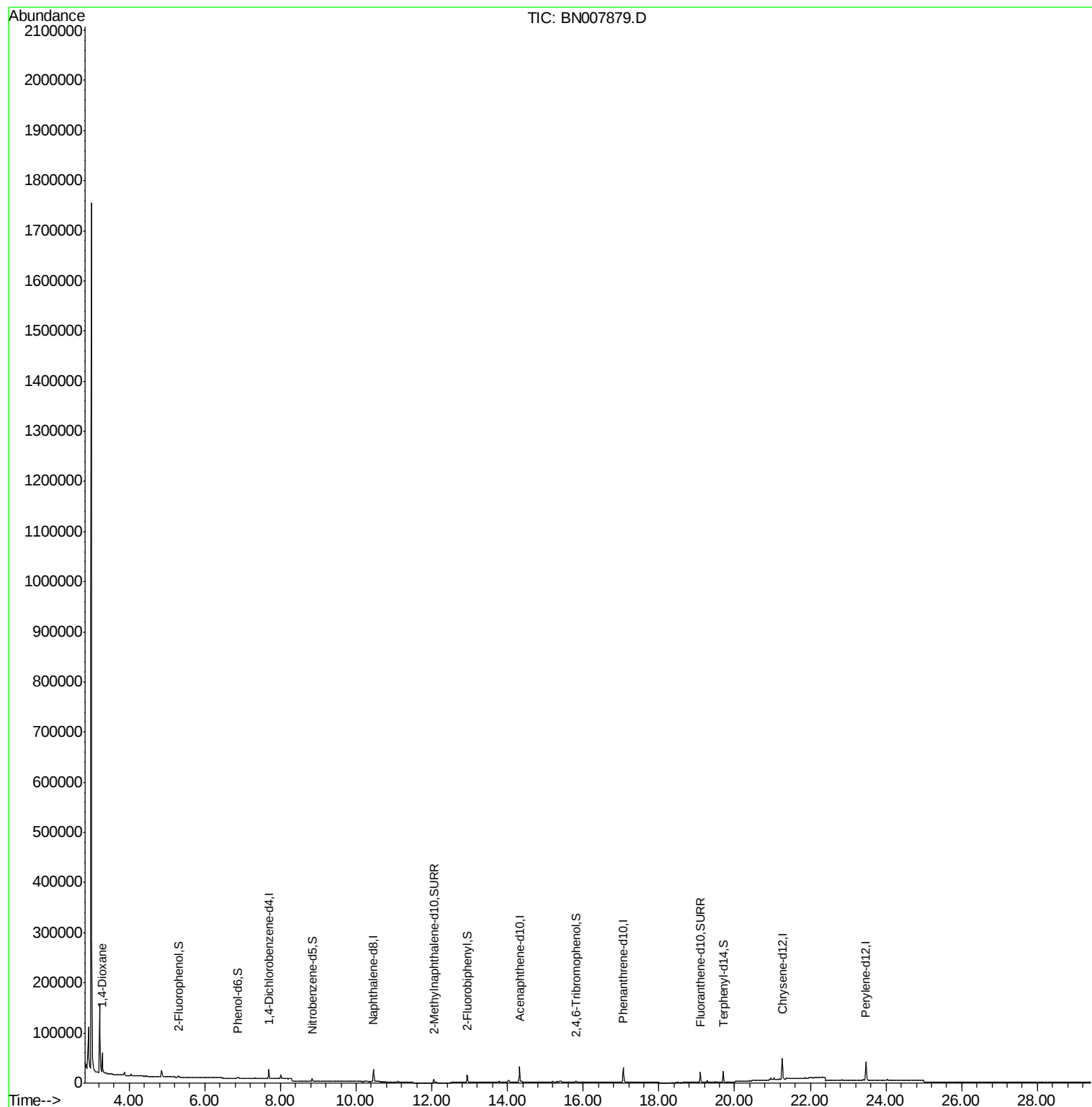
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8936	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	34947	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	20219	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	40946	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	42919	0.40	ng	-0.01
34) Perylene-d12	23.47	264	46854	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	1939	0.06	ng	0.00
5) Phenol-d6	6.87	99	1562	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	5282	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	10506	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1399	0.13	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	14779	0.18	ng	-0.01
25) Fluoranthene-d10	19.09	212	24953	0.18	ng	-0.02
29) Terphenyl-d14	19.70	244	22140	0.21	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	32982	3.311	ng	Qvalue 93

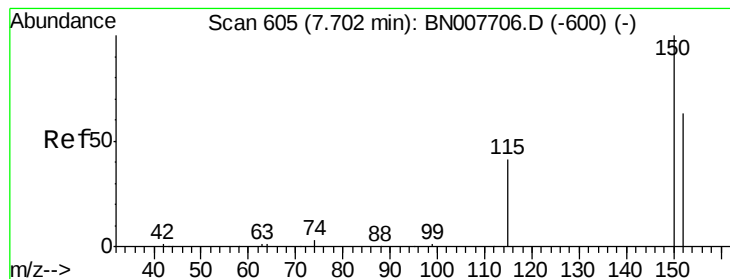
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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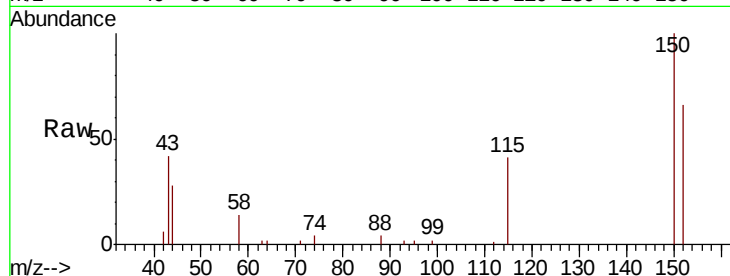


#1

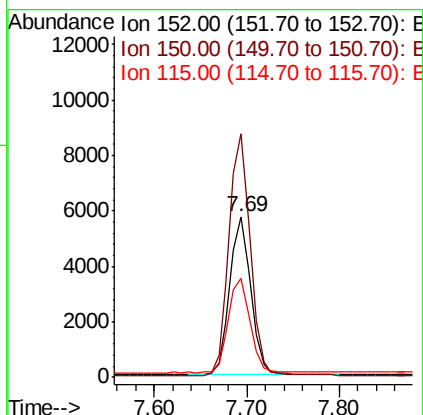
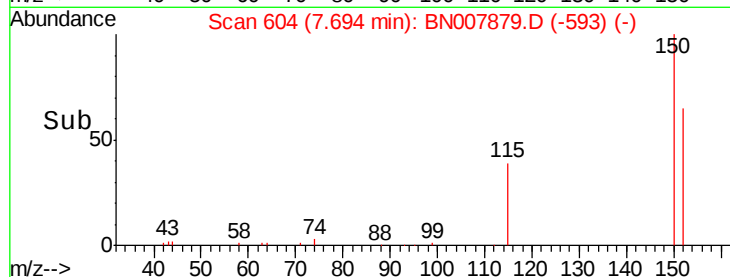
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007879.D
 Acq: 26 Sep 2019 07:29

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20190916DL

Tot Ion:152 Resp: 8936
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.6 188.4
 115 61.9 53.3 79.9



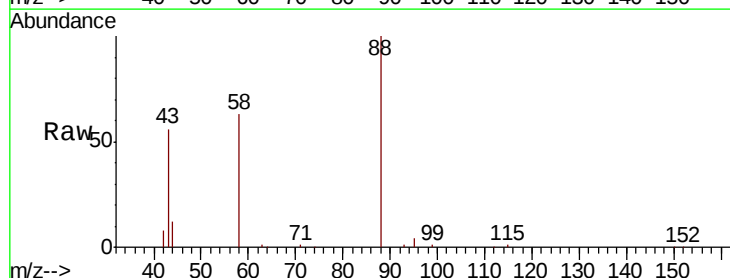
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



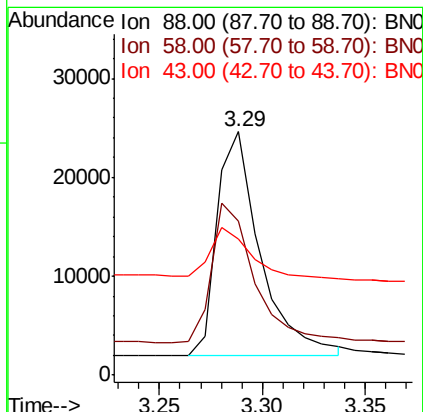
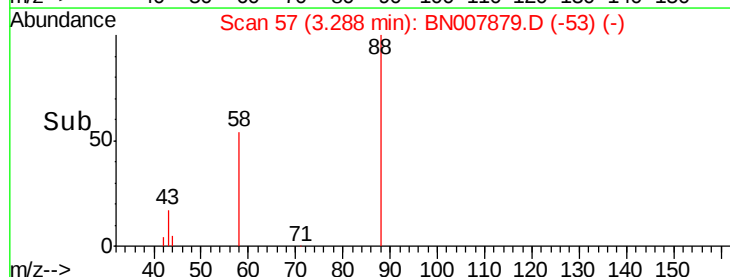
#2

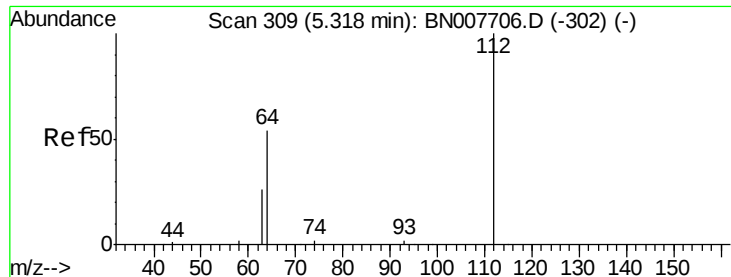
1,4-Dioxane
 Concen: 3.311 ng
 RT: 3.29 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: BN007879.D
 Acq: 26 Sep 2019 07:29

Tgt Ion: 88 Resp: 32982
 Ion Ratio Lower Upper
 88 100
 58 60.8 44.6 66.8
 43 21.1 14.4 21.6



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.063 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916DL

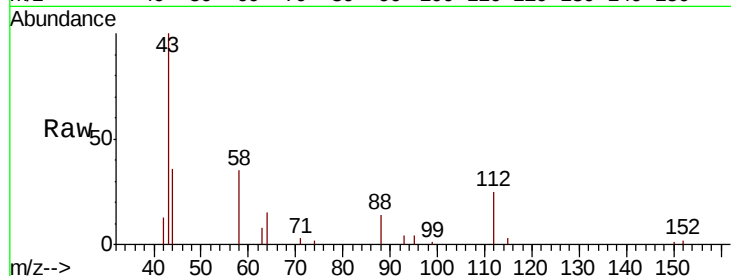
Tot Ion:112 Resp: 1939

Ion Ratio Lower Upper

112 100

64 59.7 46.6 70.0

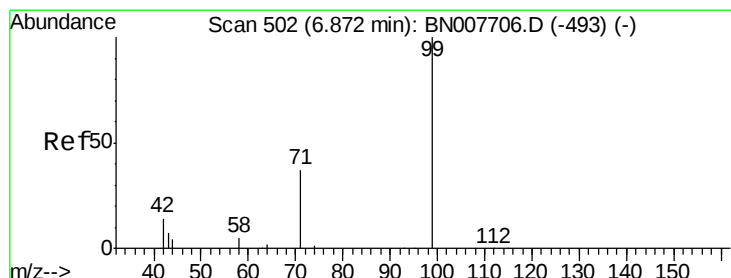
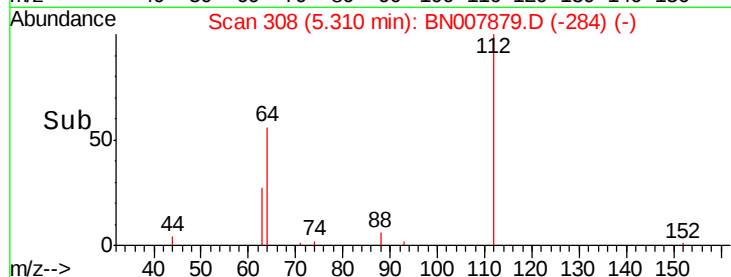
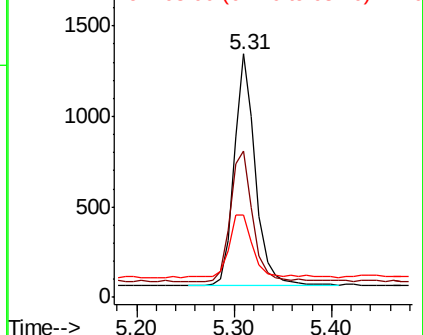
63 30.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.035 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

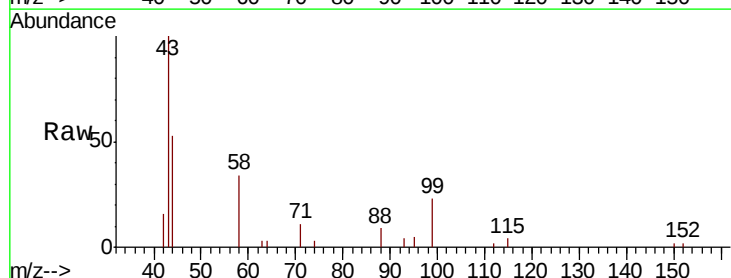
Tgt Ion: 99 Resp: 1562

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

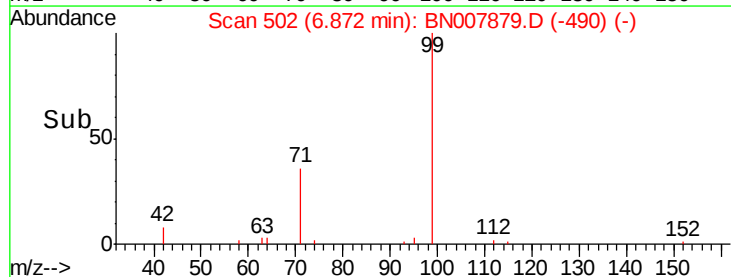
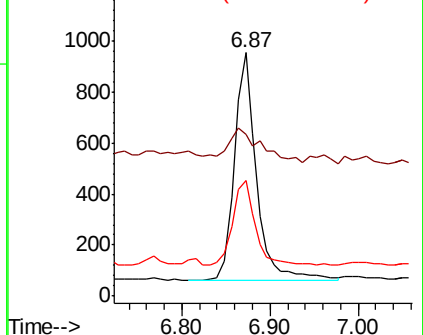
71 38.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916DL

Tot Ion:136 Resp: 34947

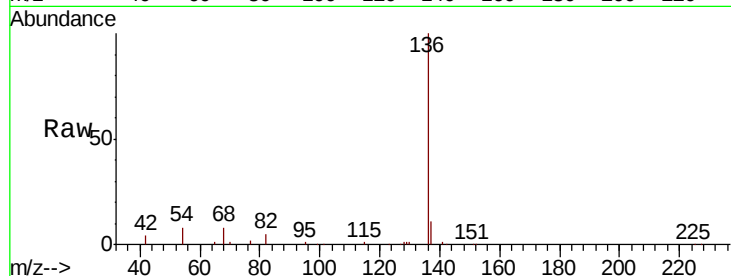
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.6 5.8 8.8

68 8.2 6.5 9.7

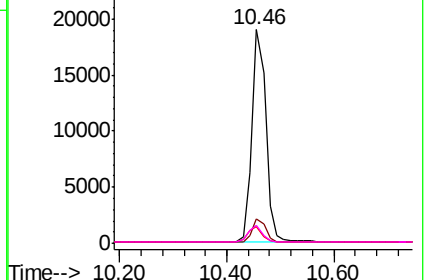
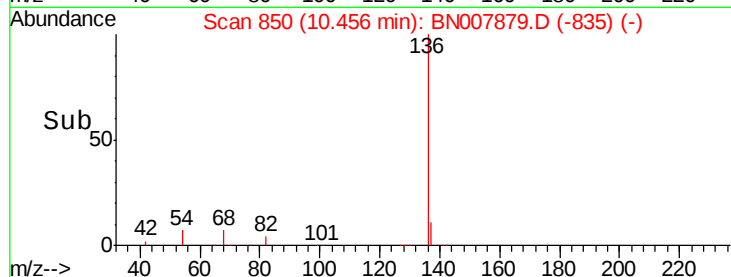


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.173 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

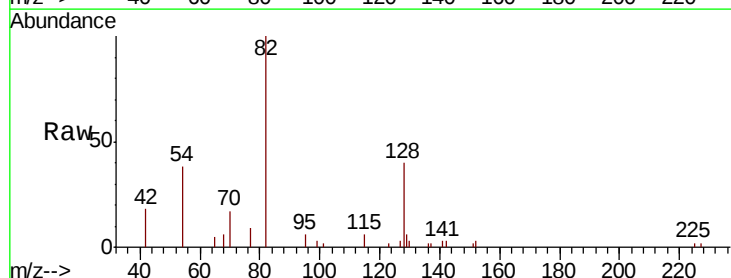
Tgt Ion: 82 Resp: 5282

Ion Ratio Lower Upper

82 100

128 40.2 24.5 36.7#

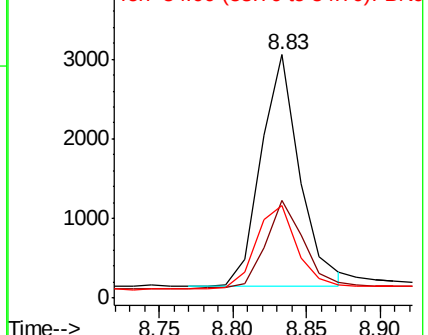
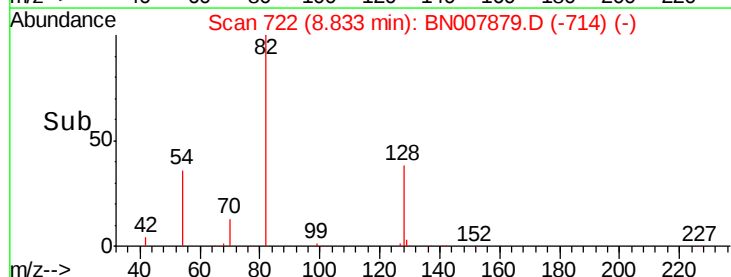
54 38.1 35.2 52.8



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

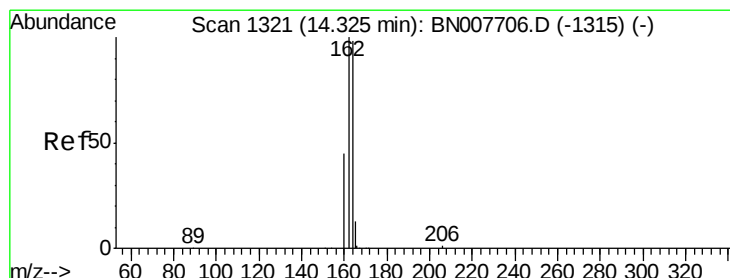
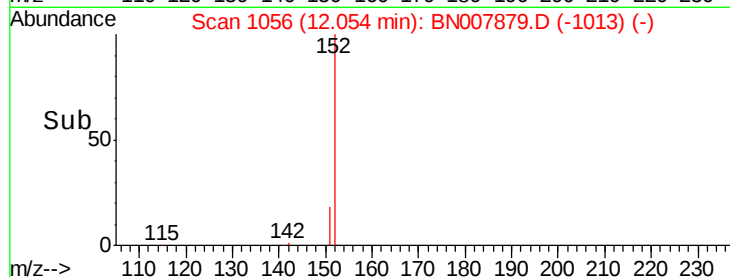
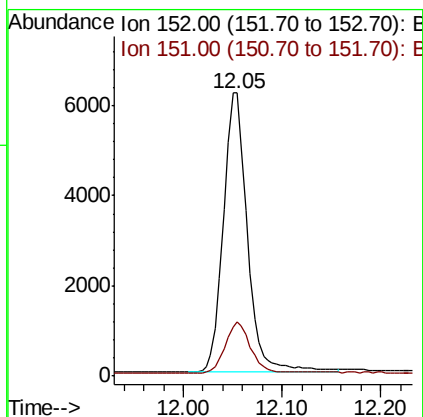
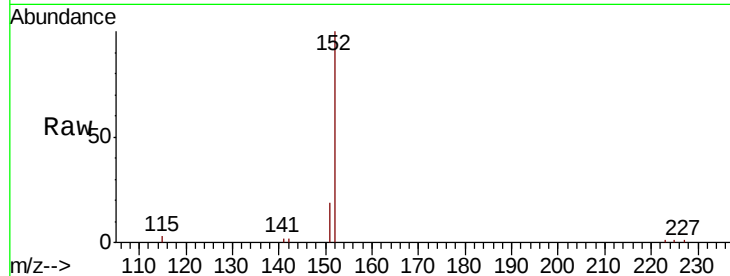




#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007879.D
Acq: 26 Sep 2019 07:29

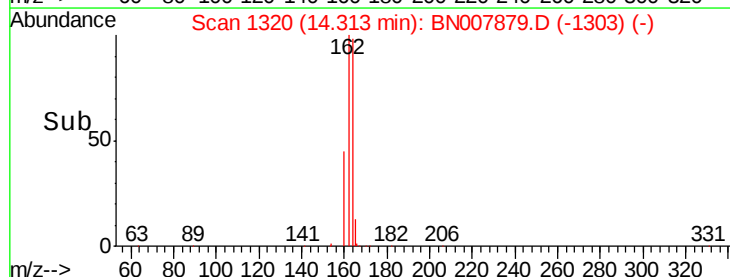
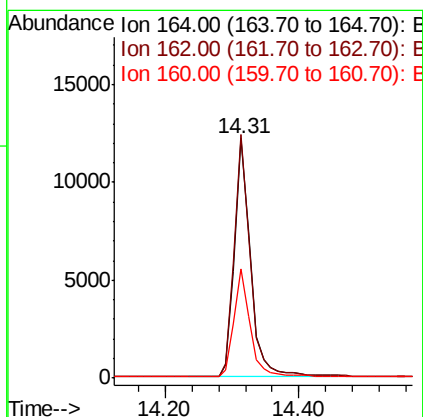
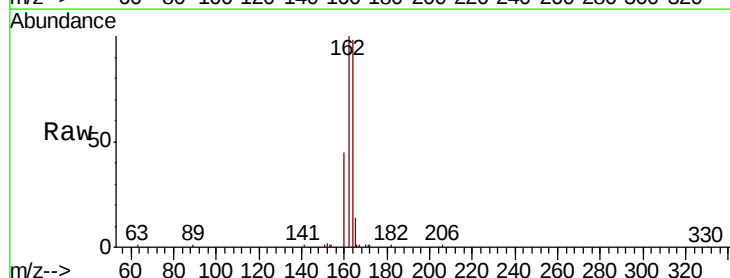
Instrument :
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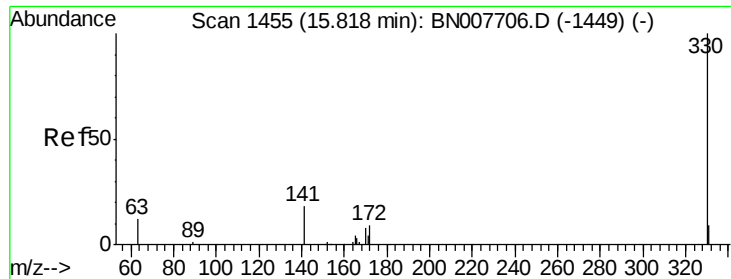
Tot Ion:152 Resp: 10506
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007879.D
Acq: 26 Sep 2019 07:29

Tgt Ion:164 Resp: 20219
Ion Ratio Lower Upper
164 100
162 101.8 81.7 122.5
160 45.8 37.0 55.4

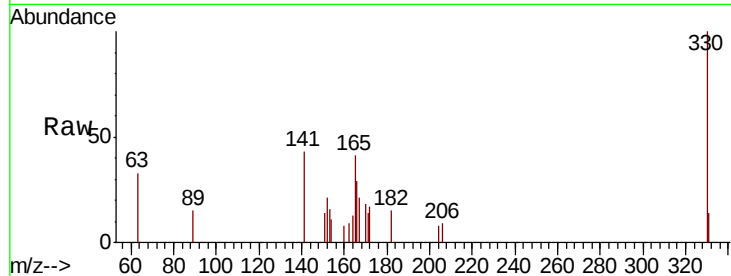




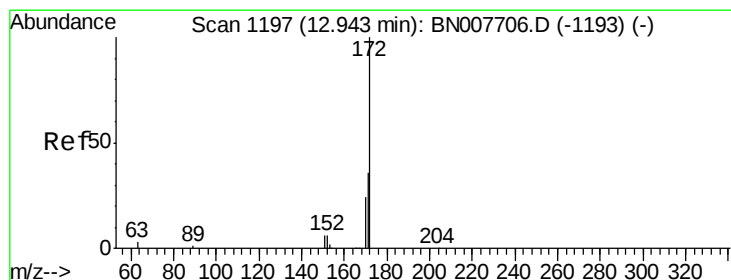
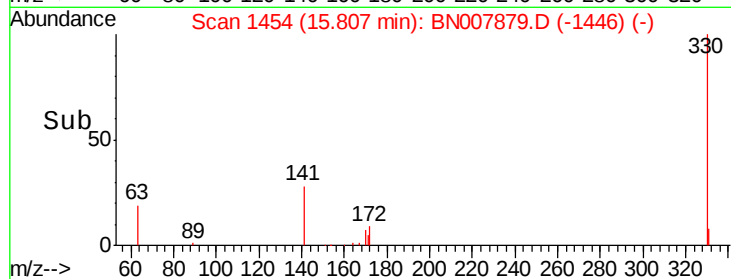
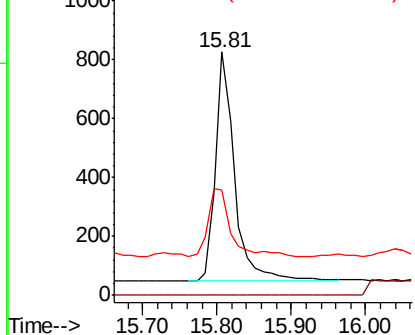
#14
 2,4,6-Tribromophenol
 Concen: 0.127 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007879.D
 Acq: 26 Sep 2019 07:29

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20190916DL

Tot Ion:330 Resp: 1399
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.9 28.7 43.1

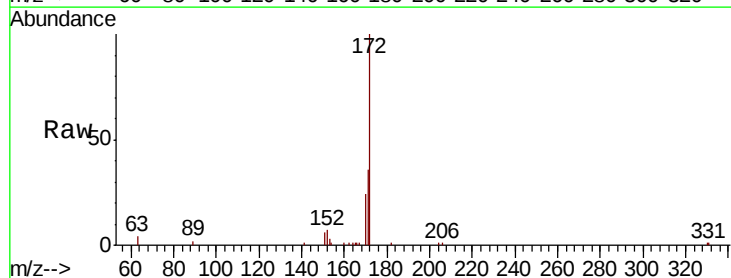


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

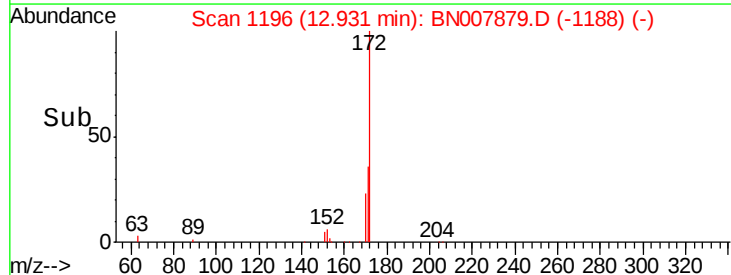
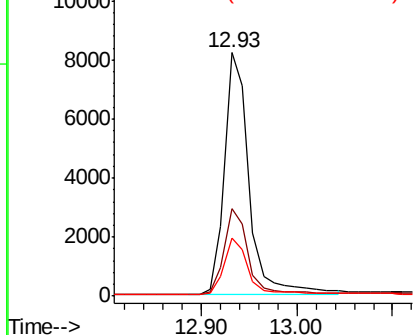


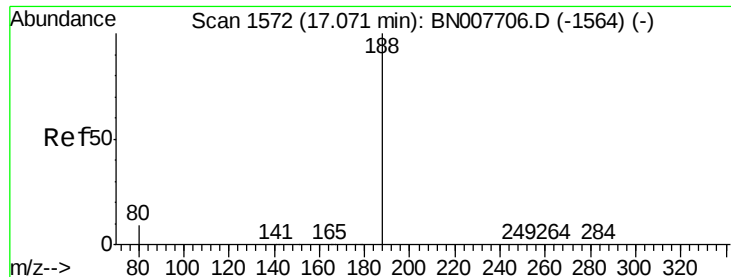
#15
 2-Fluorobiphenyl
 Concen: 0.177 ng
 RT: 12.93 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BN007879.D
 Acq: 26 Sep 2019 07:29

Tgt Ion:172 Resp: 14779
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 23.9 19.5 29.3



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# 1571

Delta R.T. -0.01 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916DL

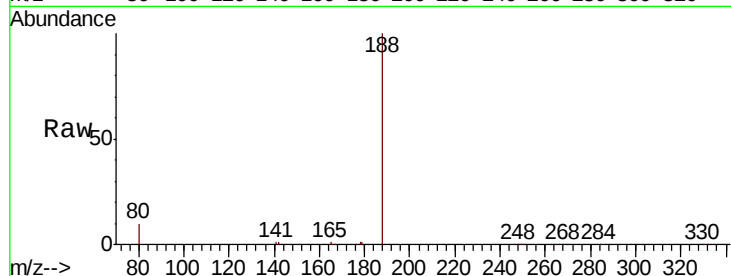
Tot Ion:188 Resp: 40946

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

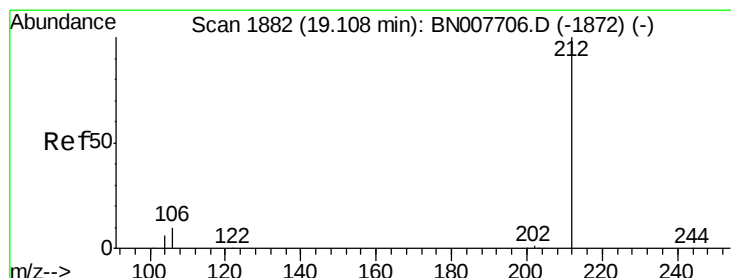
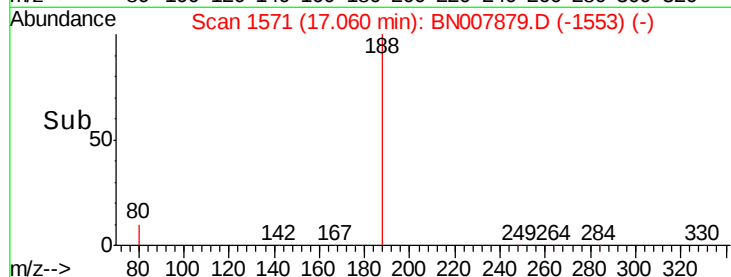
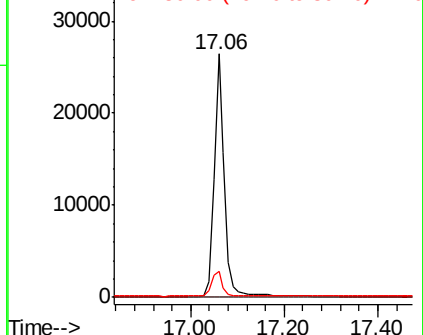
80 10.4 7.4 11.2



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: 0.181 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

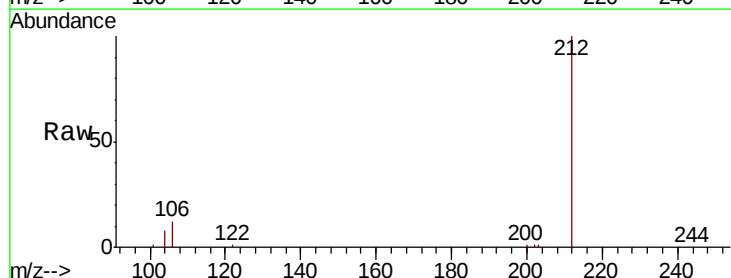
Tgt Ion:212 Resp: 24953

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

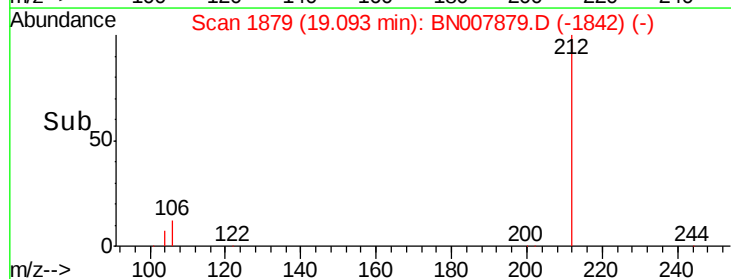
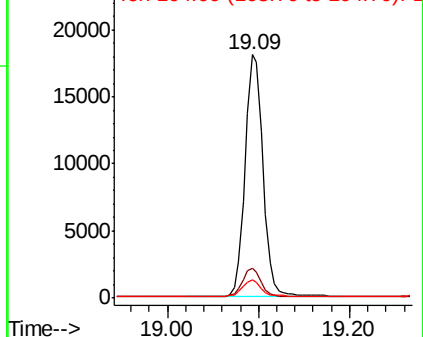
104 6.7 5.3 7.9

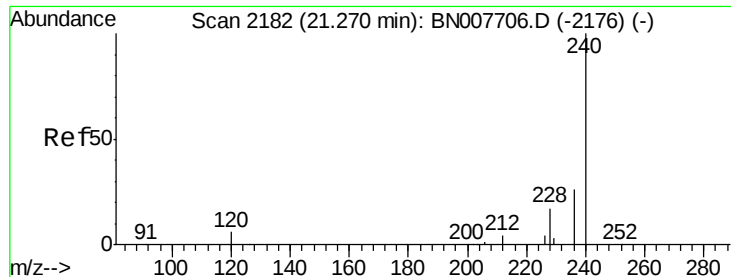


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2181

Delta R.T. -0.01 min

Lab File: BN007879.D

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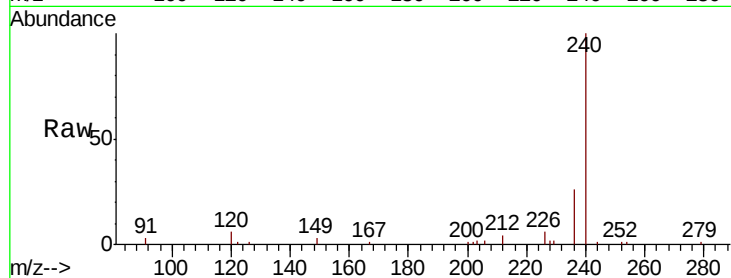
Tot Ion:240 Resp: 42919

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.2

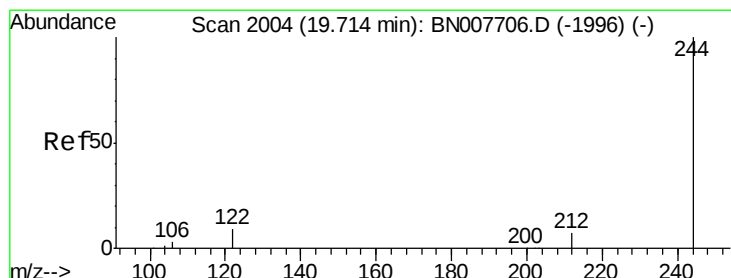
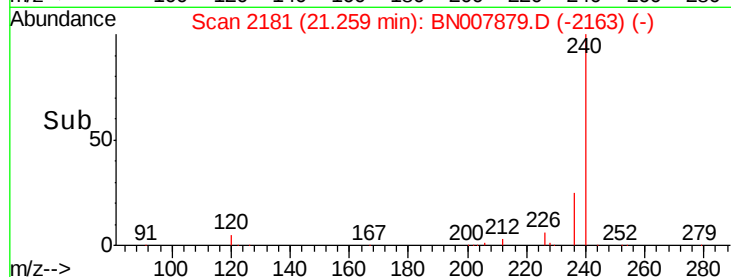
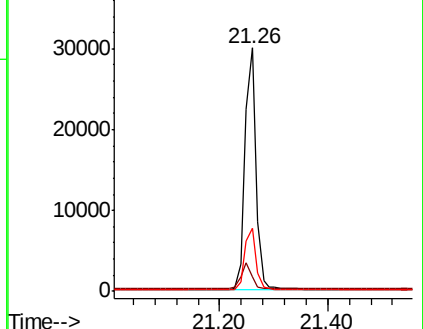
236 25.9 21.0 31.4



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: 0.210 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

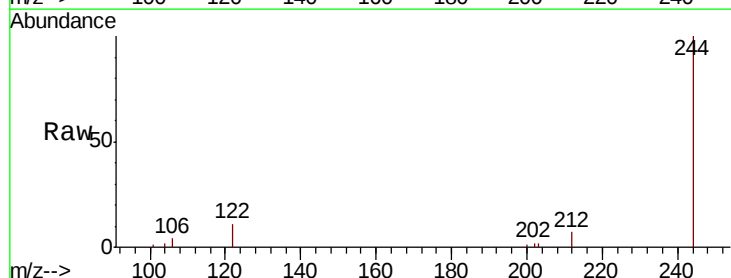
Tgt Ion:244 Resp: 22140

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

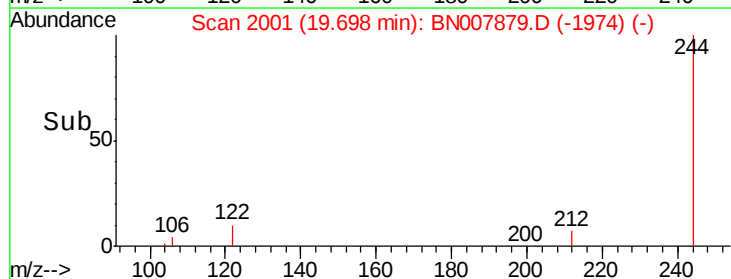
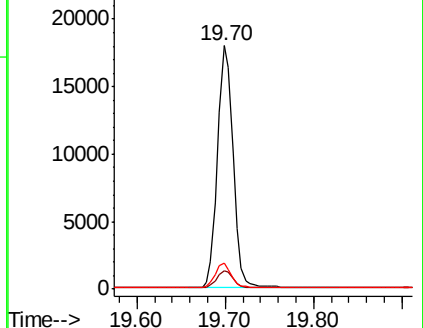
122 10.6 7.4 11.2

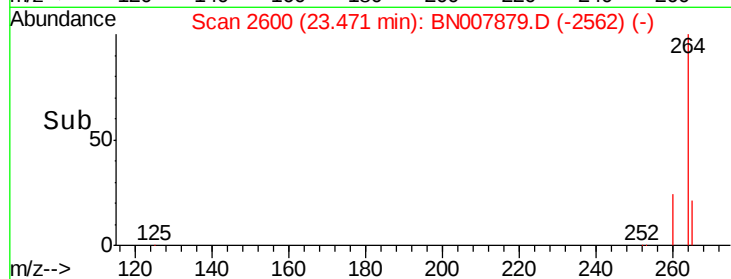
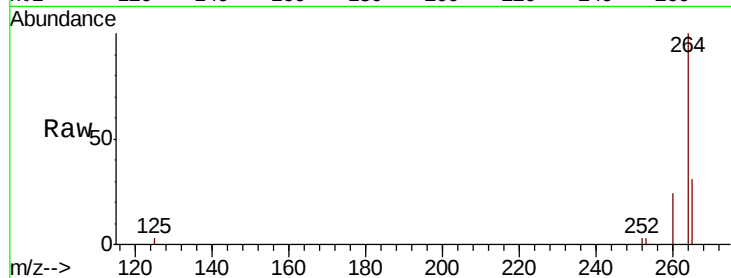
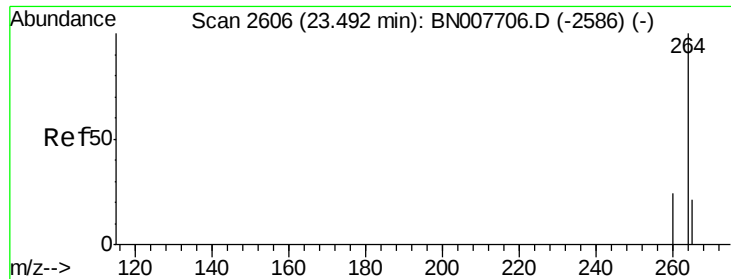


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BN007879.D

Acq: 26 Sep 2019 07:29

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916DL

Tot Ion: 264 Resp: 46854

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 30.6 26.9 40.3

