

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007509.D
 Acq On : 29 Aug 2019 19:18
 Operator : HP/JU
 Sample : PB122534BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BL

Quant Time: Aug 30 02:22:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

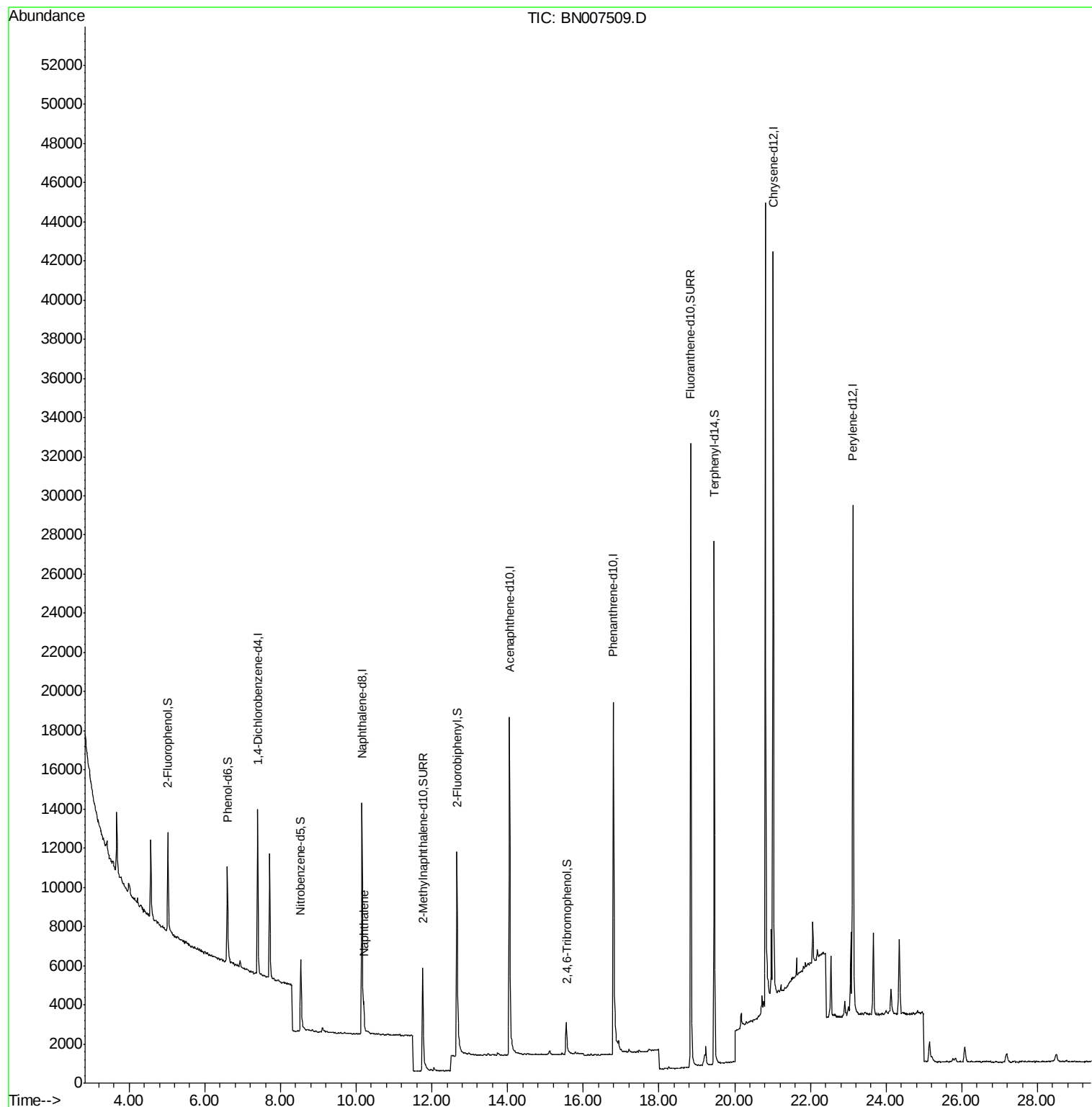
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4131	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	18300	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12107	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	34727	0.40	ng	0.00
27) Chrysene-d12	21.02	240	37094	0.40	ng	0.00
34) Perylene-d12	23.12	264	34853	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	4563	0.31	ng	0.00
5) Phenol-d6	6.59	99	6258	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	4776	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	9782	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1982	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13124	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	38213	0.34	ng	0.00
29) Terphenyl-d14	19.46	244	29666	0.31	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	1851	0.035	ng	Qvalue # 93

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

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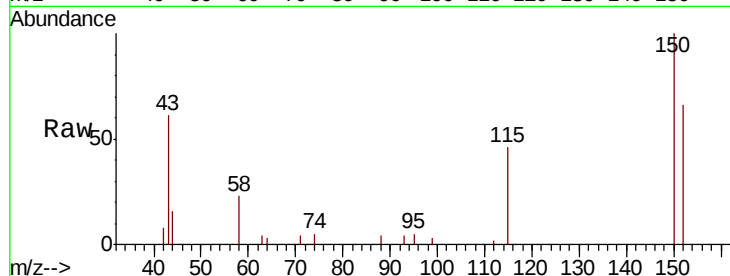


#1

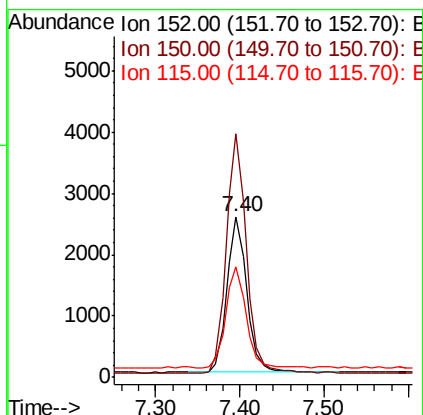
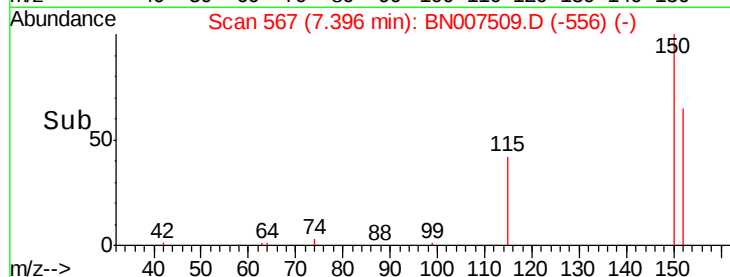
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007509.D
Acq: 29 Aug 2019 19:18

Instrument :
BNA_N
ClientSampleId :
PB122534BL

Tot Ion:152 Resp: 4131
Ion Ratio Lower Upper
152 100
150 151.6 109.1 163.7
115 69.1 59.6 89.4



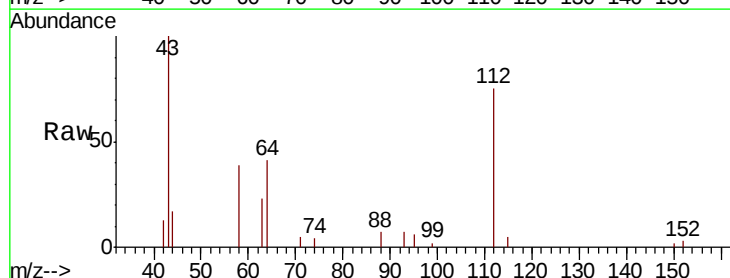
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



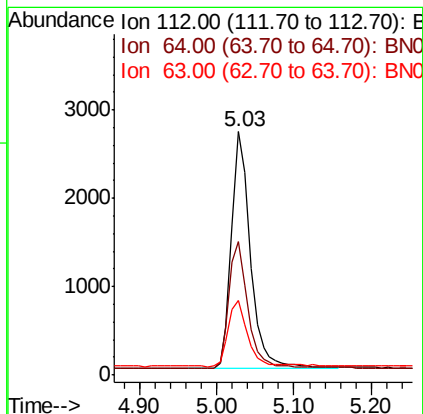
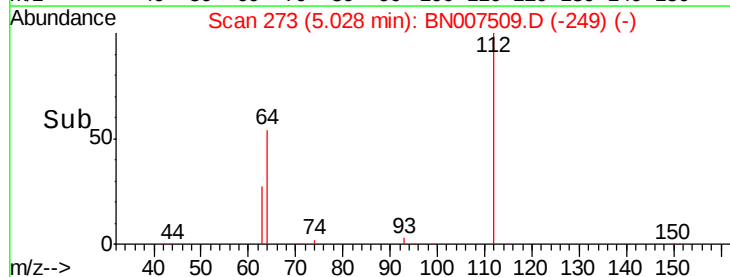
#4

2-Fluorophenol
Concen: 0.312 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007509.D
Acq: 29 Aug 2019 19:18

Tgt Ion:112 Resp: 4563
Ion Ratio Lower Upper
112 100
64 55.3 42.3 63.5
63 29.2 23.6 35.4



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: 0.339 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

PB122534BL

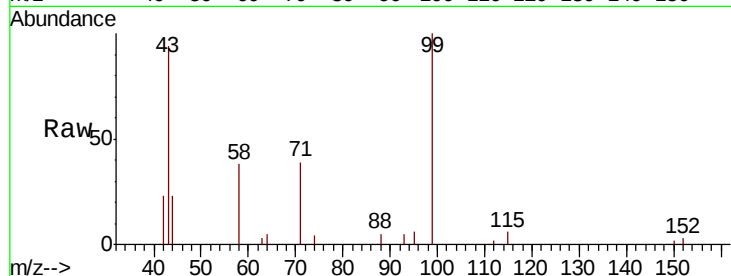
Tot Ion: 99 Resp: 6258

Ion Ratio Lower Upper

99 100

42 11.0 11.2 16.8#

71 33.7 31.8 47.8

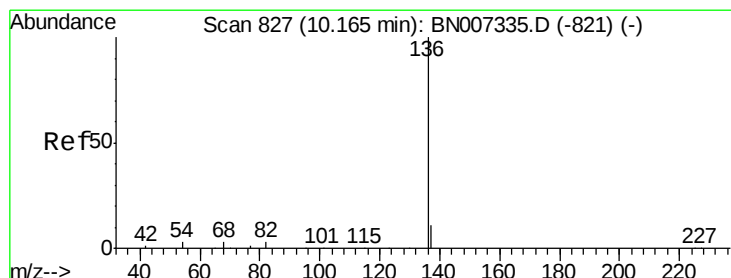
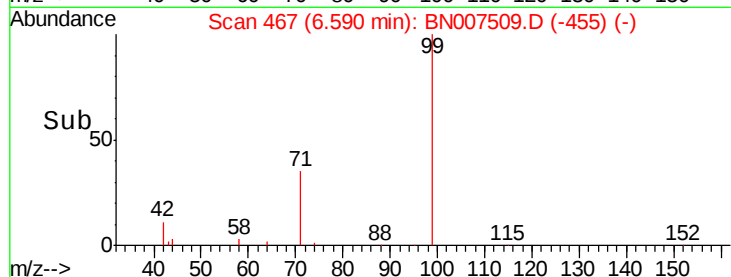
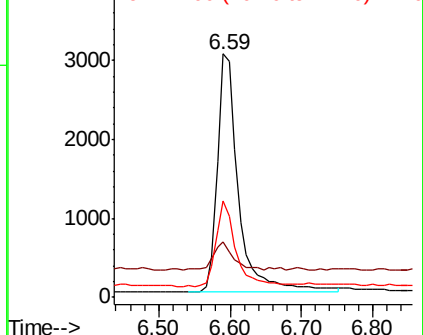


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Tgt Ion: 136 Resp: 18300

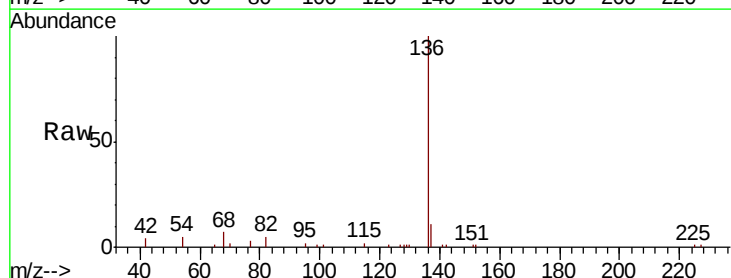
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 5.2 8.6 12.8#

68 7.2 17.0 25.4#



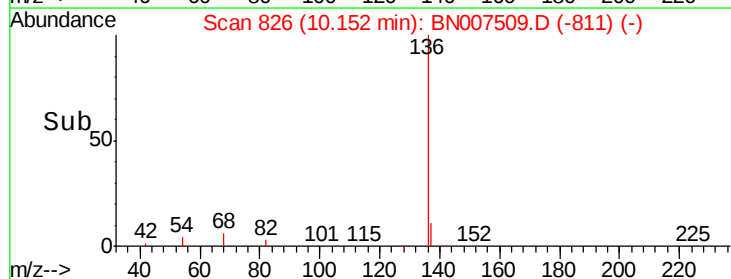
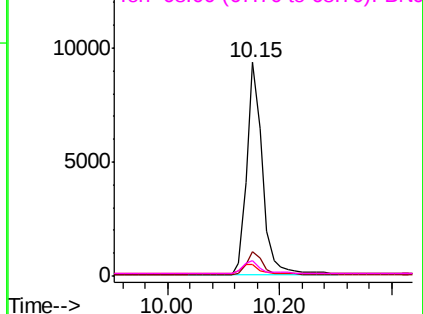
Abundance

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): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

PB122534BL

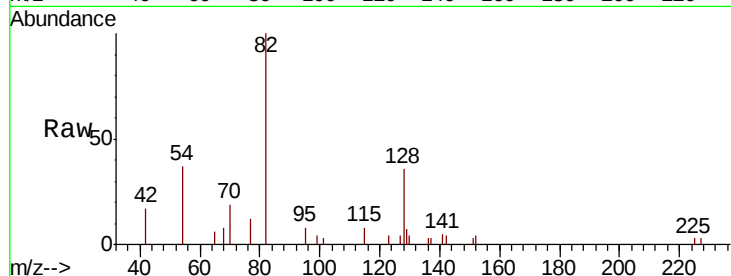
Tot Ion: 82 Resp: 4776

Ion Ratio Lower Upper

82 100

128 36.5 19.7 29.5#

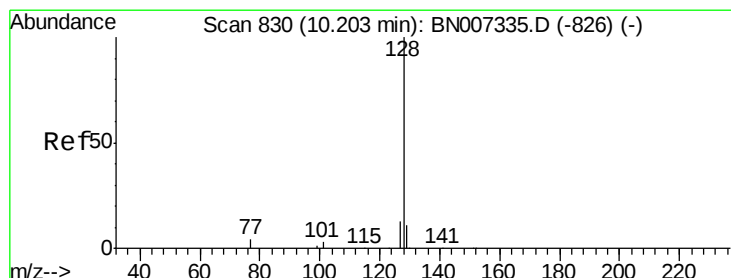
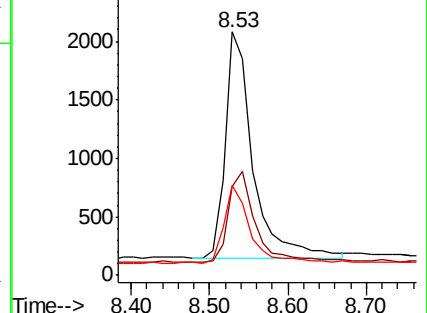
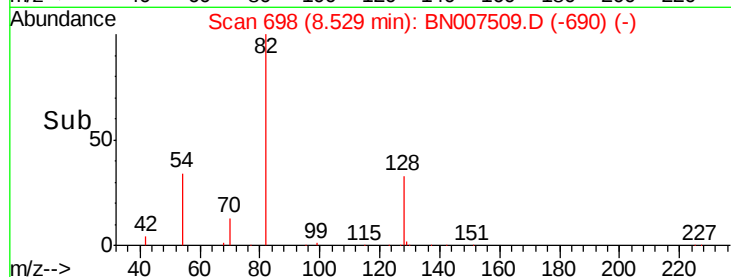
54 37.1 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007509.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007509.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007509.D (-690) (-)



#9

Naphthalene

Concen: 0.035 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

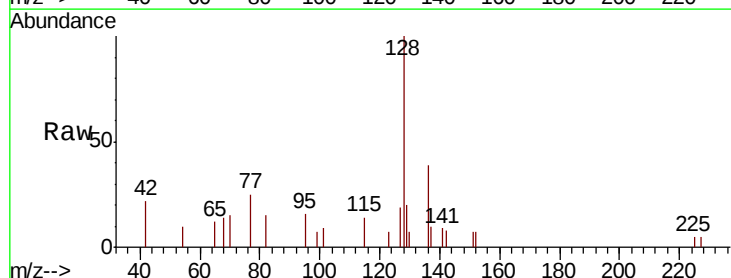
Tgt Ion: 128 Resp: 1851

Ion Ratio Lower Upper

128 100

129 19.6 11.1 16.7#

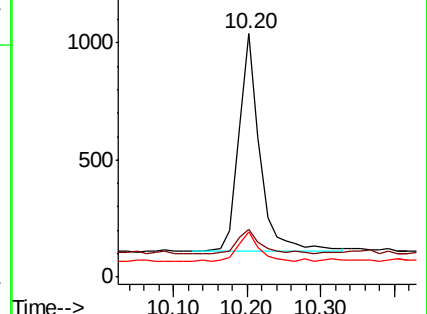
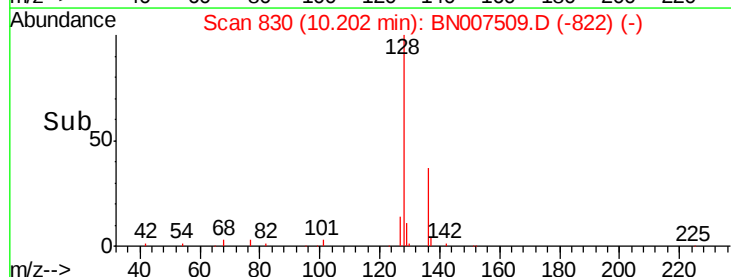
127 18.8 15.5 23.3



Abundance Ion 128.00 (127.70 to 128.70): BN007509.D (-822) (-)

Ion 129.00 (128.70 to 129.70): BN007509.D (-822) (-)

Ion 127.00 (126.70 to 127.70): BN007509.D (-822) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

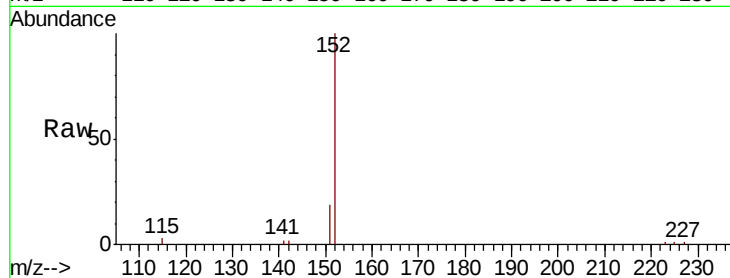
PB122534BL

Tot Ion:152 Resp: 9782

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

5000

4000

3000

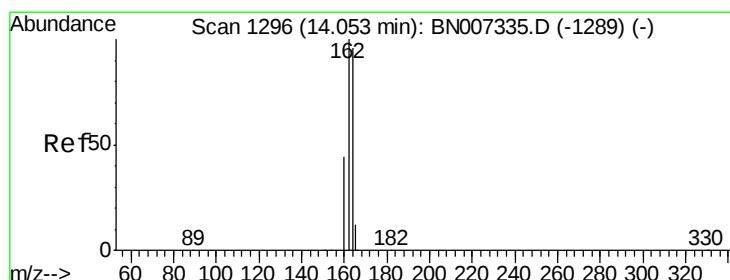
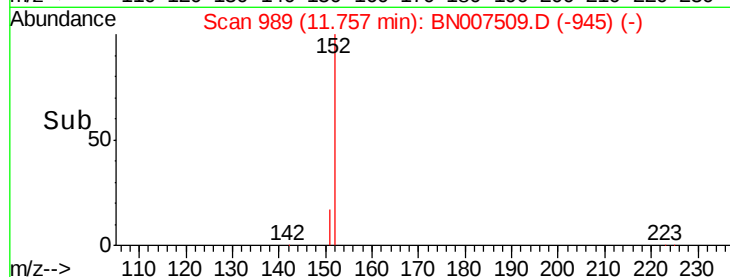
2000

1000

0

Time-->

11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

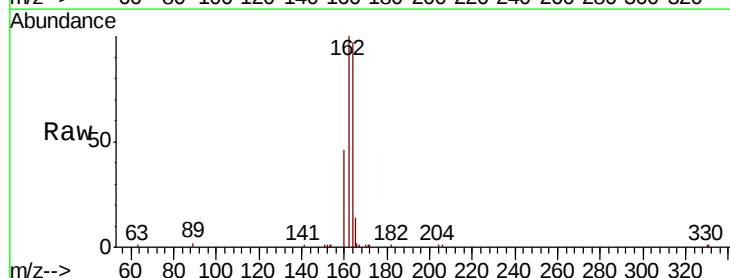
Tgt Ion:164 Resp: 12107

Ion Ratio Lower Upper

164 100

162 103.0 83.5 125.3

160 47.1 38.2 57.4



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

14.05

8000

6000

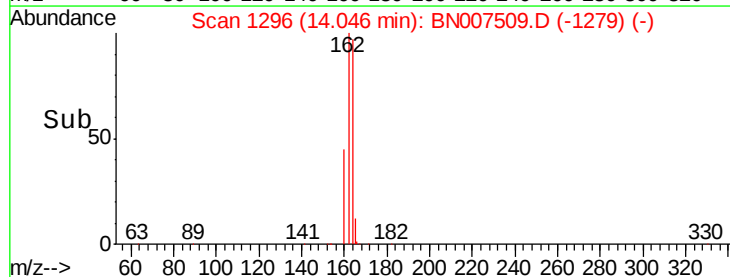
4000

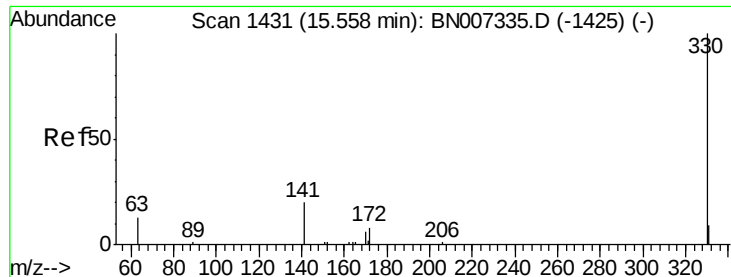
2000

0

Time-->

13.90 14.00 14.10 14.20

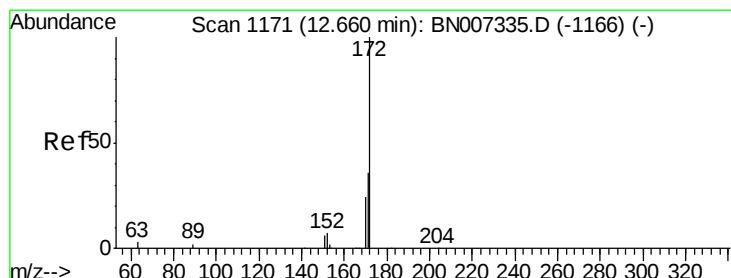
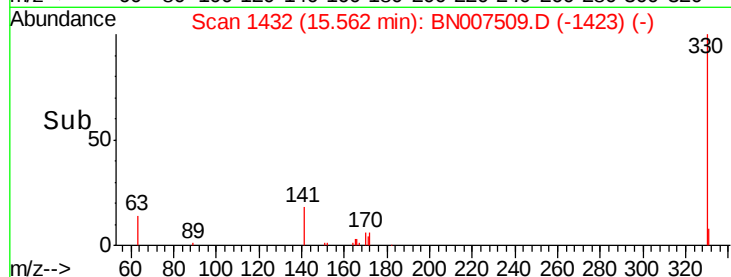
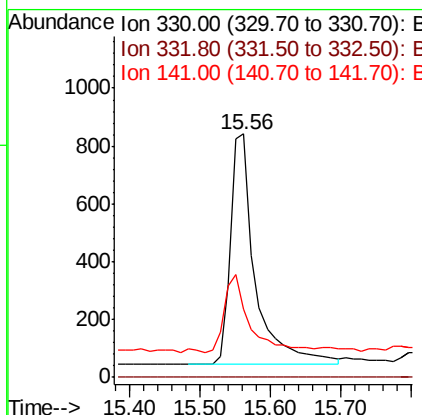
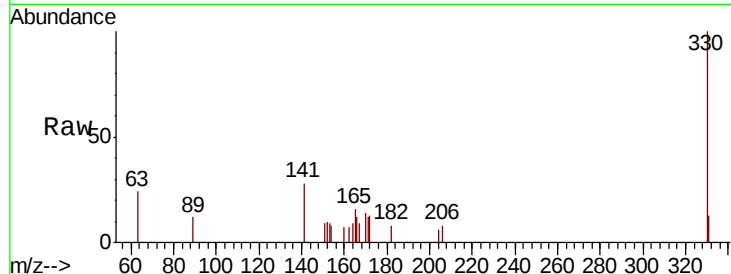




#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BN007509.D
 Acq: 29 Aug 2019 19:18

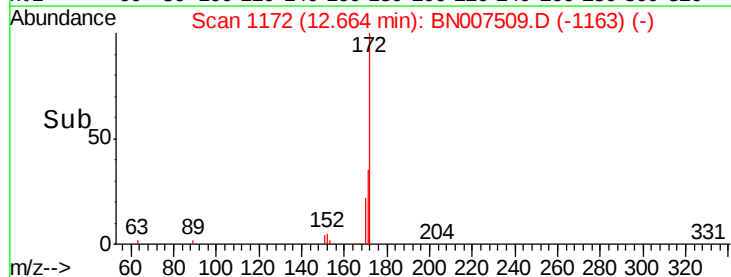
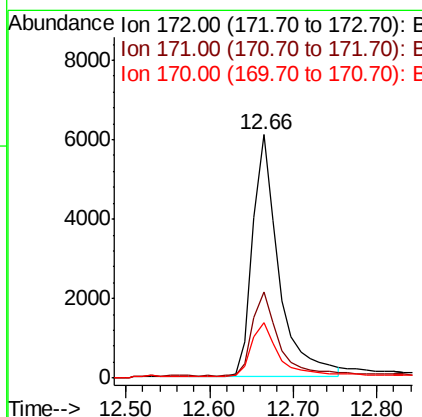
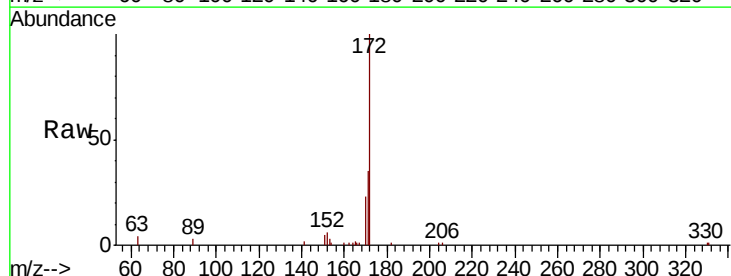
Instrument :
 BNA_N
 ClientSampled :
 PB122534BL

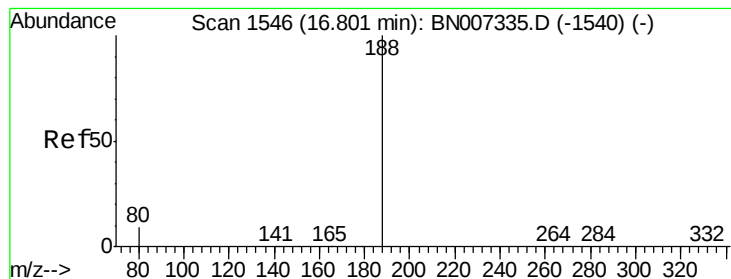
Tot Ion:330 Resp: 1982
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.1 26.9 40.3



#15
 2-Fluorobiphenyl
 Concen: 0.269 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN007509.D
 Acq: 29 Aug 2019 19:18

Tgt Ion:172 Resp: 13124
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.3 45.5
 170 22.6 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

PB122534BL

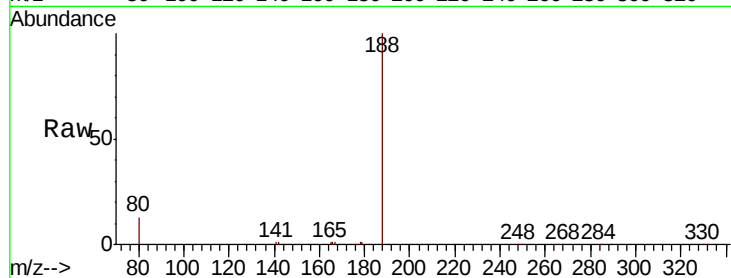
Tot Ion:188 Resp: 34727

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

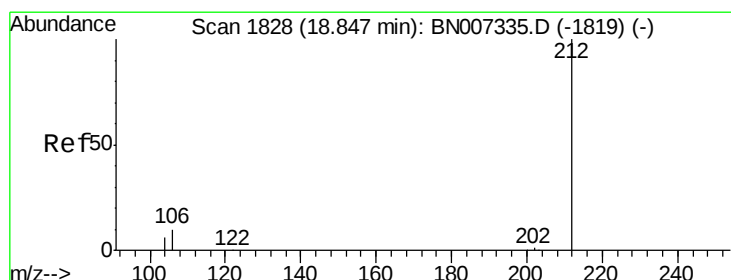
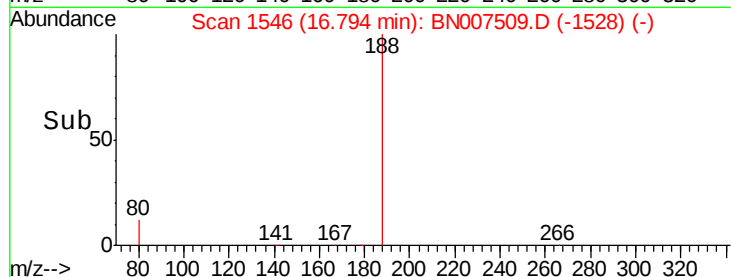
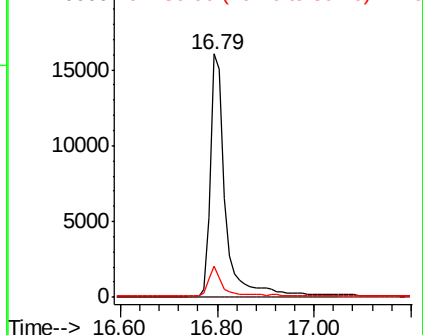
80 12.6 11.8 17.8



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: 0.342 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

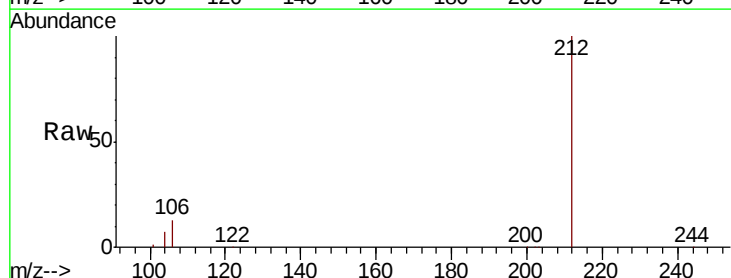
Tgt Ion:212 Resp: 38213

Ion Ratio Lower Upper

212 100

106 12.5 9.0 13.4

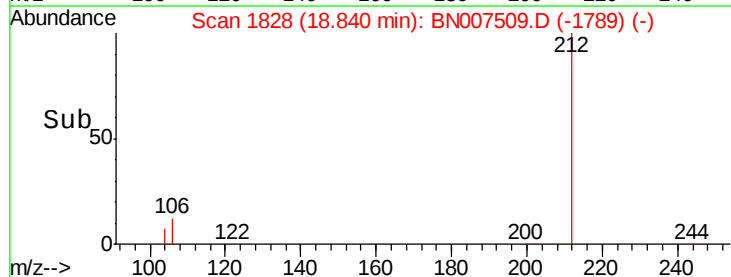
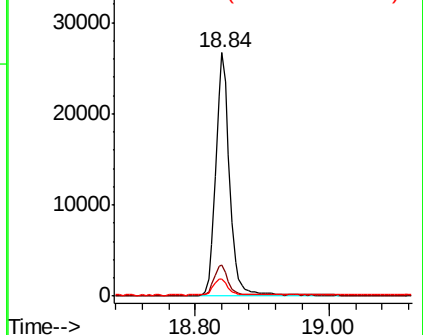
104 6.9 5.4 8.2

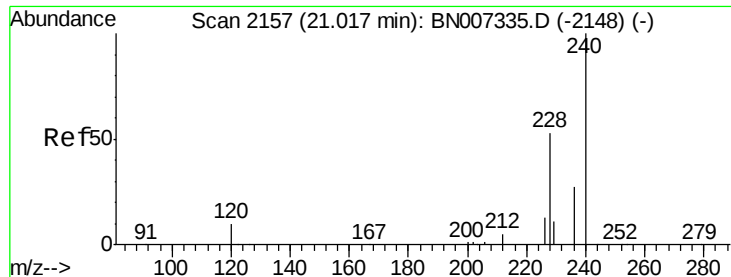


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

PB122534BL

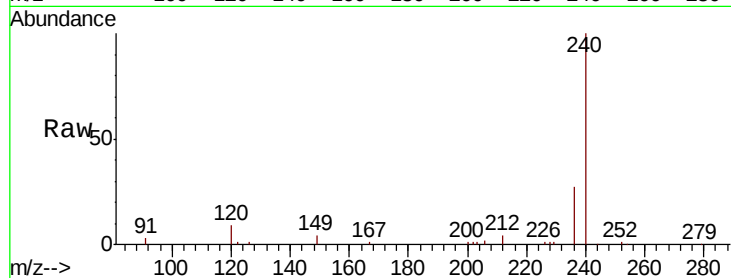
Tot Ion:240 Resp: 37094

Ion Ratio Lower Upper

240 100

120 9.3 9.6 14.4#

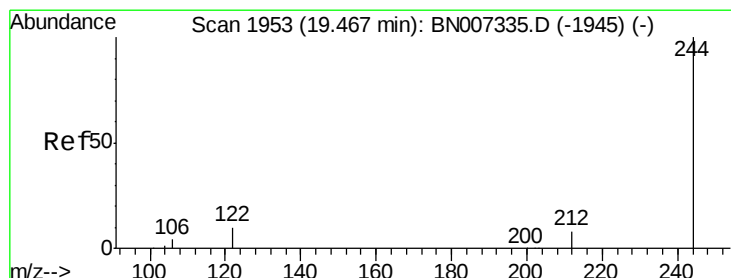
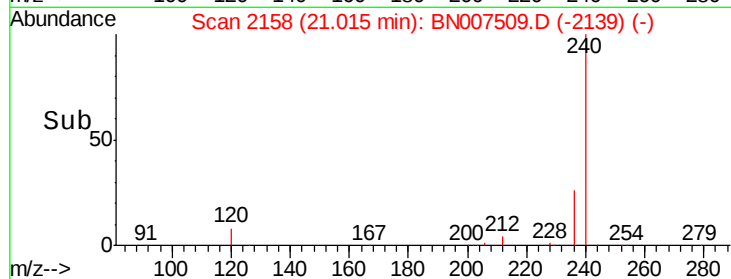
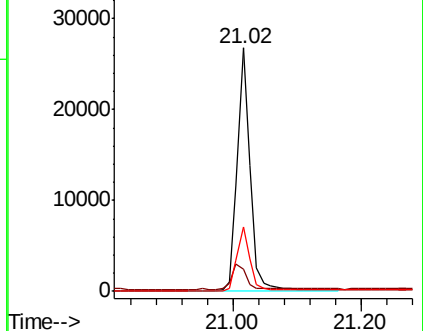
236 26.6 22.2 33.2



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: 0.306 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

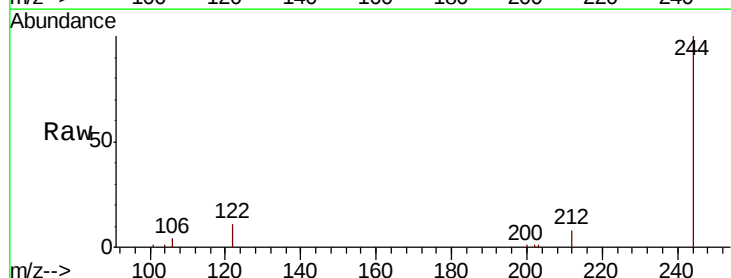
Tgt Ion:244 Resp: 29666

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

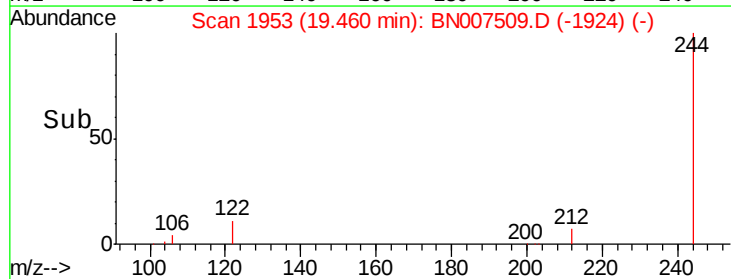
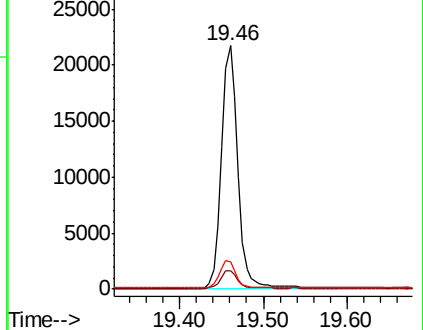
122 11.2 9.6 14.4

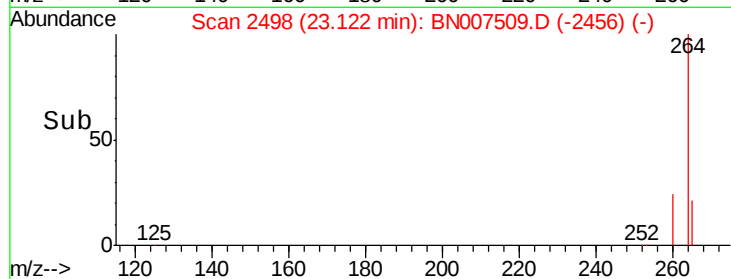
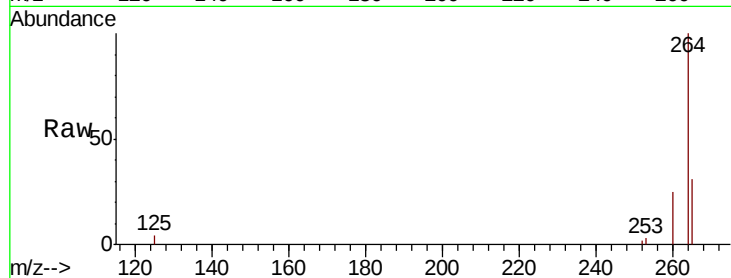
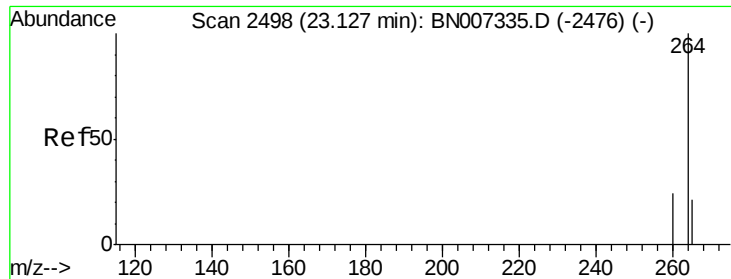


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BN007509.D

Acq: 29 Aug 2019 19:18

Instrument :

BNA_N

ClientSampleId :

PB122534BL

Tot Ion:264 Resp: 34853

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 30.9 29.9 44.9

