

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007619.D
 Acq On : 13 Sep 2019 10:28
 Operator : HP/JU
 Sample : PB123036BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123036BL

Quant Time: Sep 16 11:36:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9482	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	37140	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	18389	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	41378	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36777	0.40	ng	-0.01
34) Perylene-d12	23.50	264	36705	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	5971	0.20	ng	0.00
5) Phenol-d6	6.90	99	8042	0.22	ng	0.00
8) Nitrobenzene-d5	8.86	82	5984	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	13823	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	960	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	18245	0.23	ng	0.00
25) Fluoranthene-d10	19.11	212	27358	0.21	ng	0.00
29) Terphenyl-d14	19.72	244	22148	0.23	ng	0.00

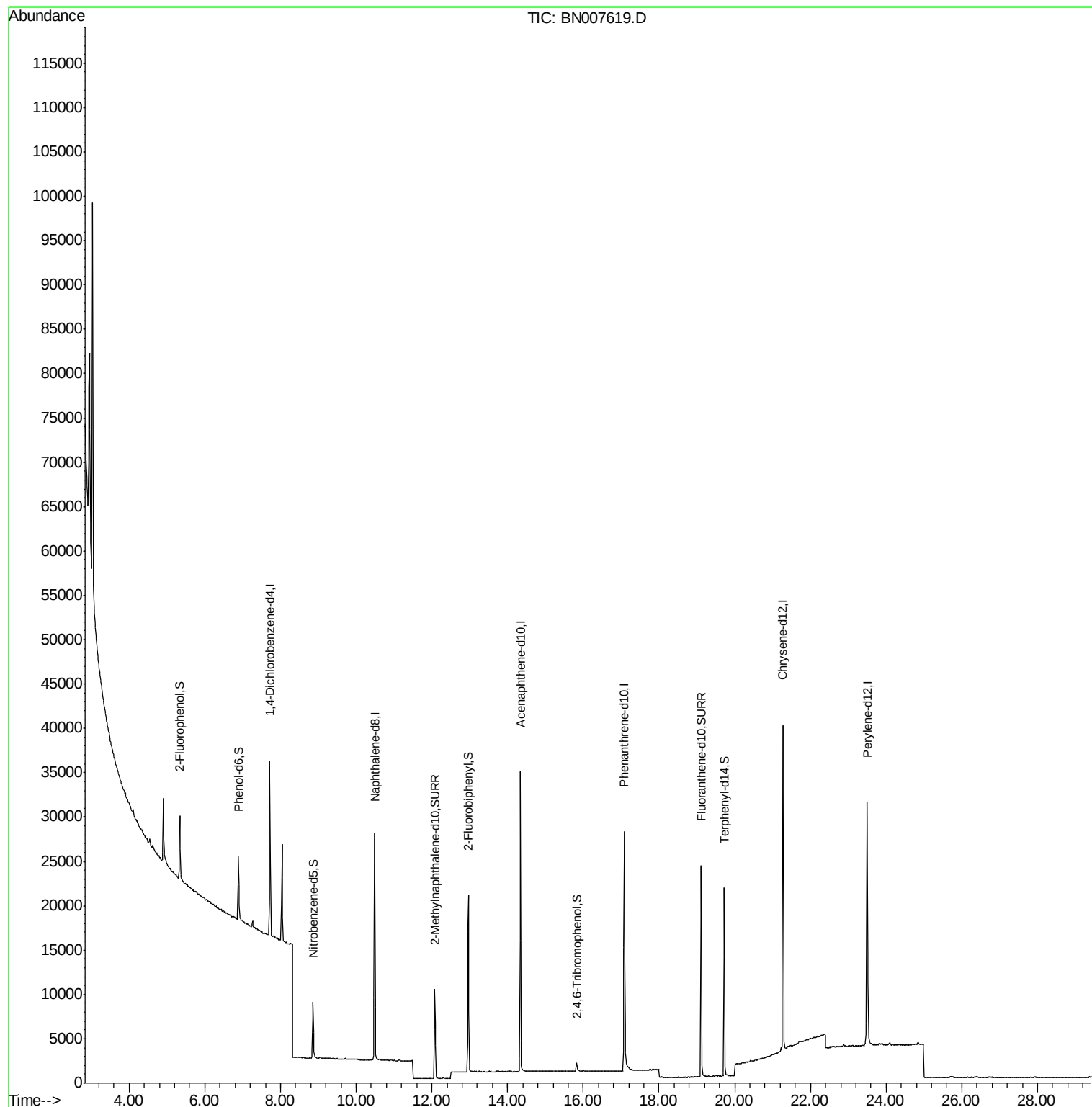
Target Compounds	Qvalue

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

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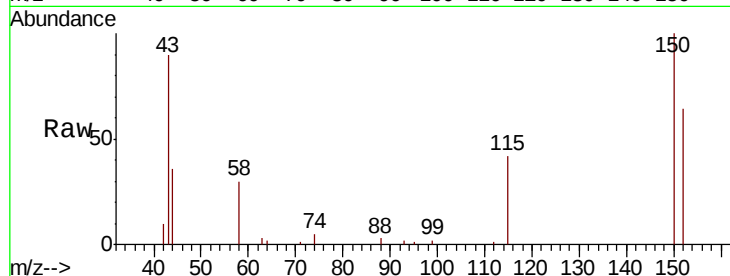


#1

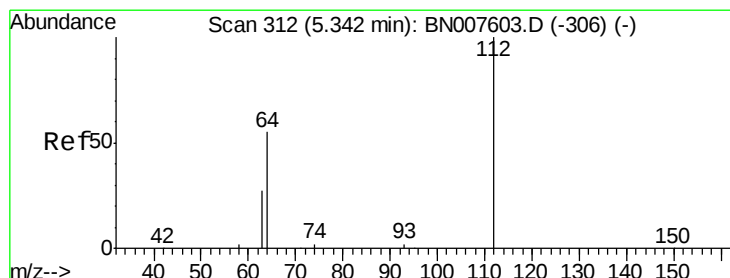
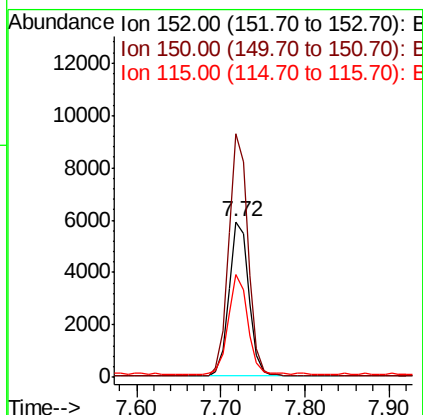
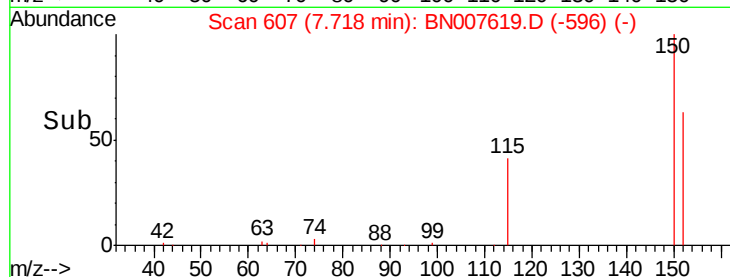
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

Instrument :
BNA_N
ClientSampleId :
PB123036BL

Tot Ion:152 Resp: 9482
Ion Ratio Lower Upper
152 100
150 156.8 122.4 183.6
115 66.2 50.4 75.6



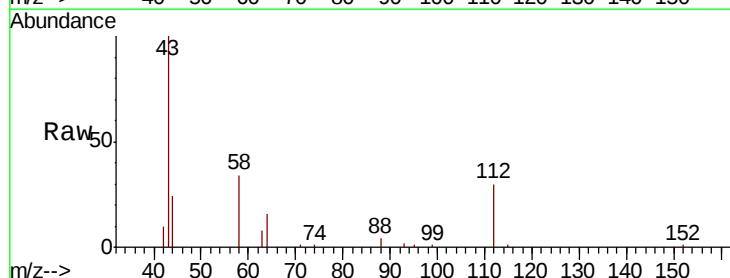
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



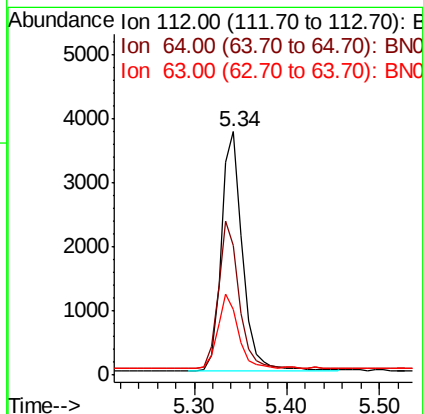
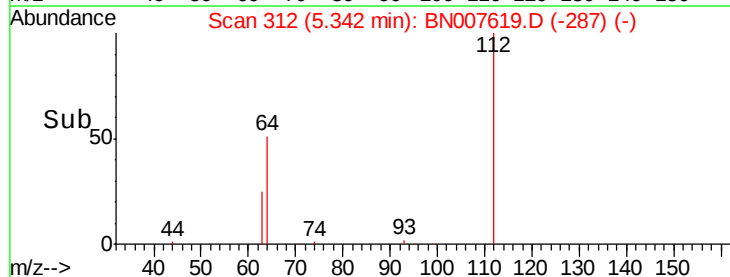
#4

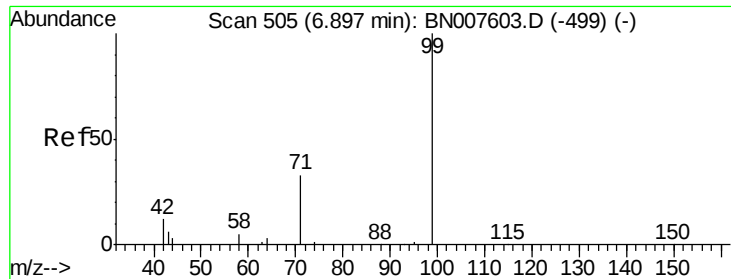
2-Fluorophenol
Concen: 0.197 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

Tgt Ion:112 Resp: 5971
Ion Ratio Lower Upper
112 100
64 60.3 48.5 72.7
63 30.0 24.4 36.6



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: 0.221 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

PB123036BL

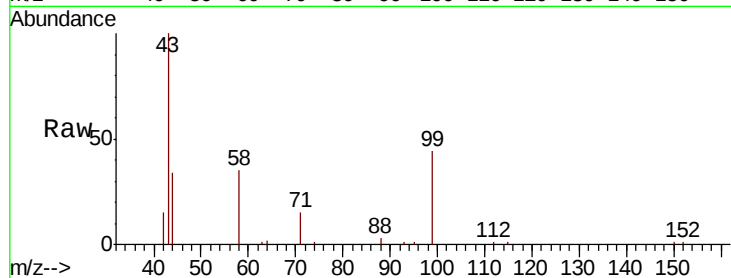
Tot Ion: 99 Resp: 8042

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.6

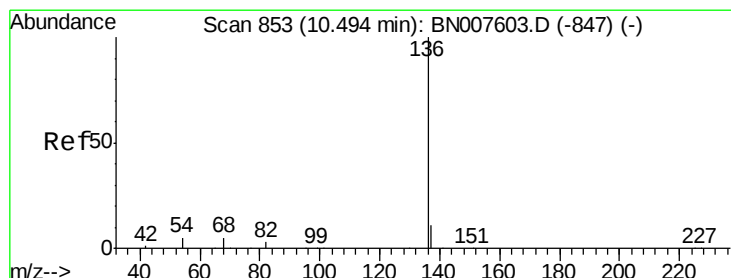
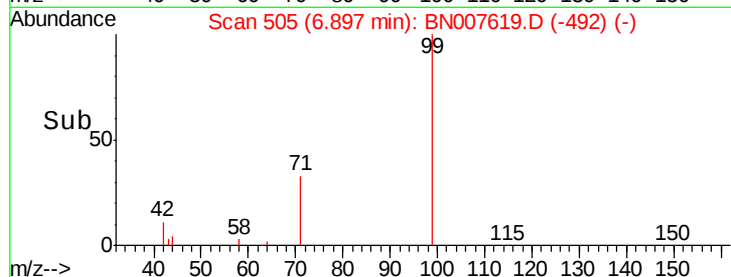
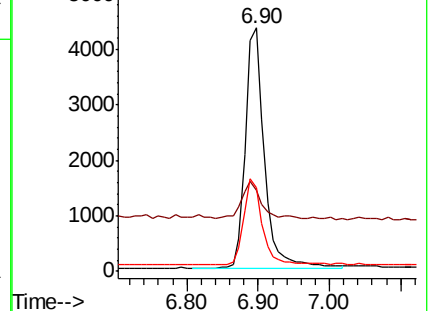
71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007619.D (-837) (-)

Ion 42.00 (41.70 to 42.70): BN007619.D (-837) (-)

Ion 71.00 (70.70 to 71.70): BN007619.D (-837) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

Tgt Ion: 136 Resp: 37140

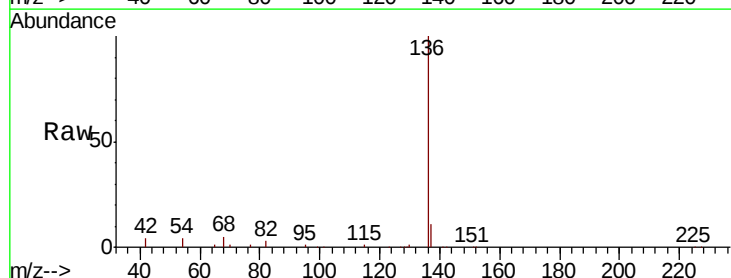
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 4.2 4.2 6.4#

68 4.8 4.6 7.0

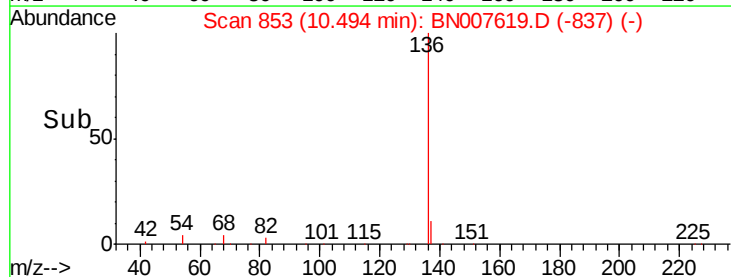
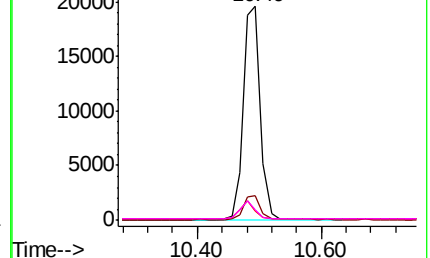


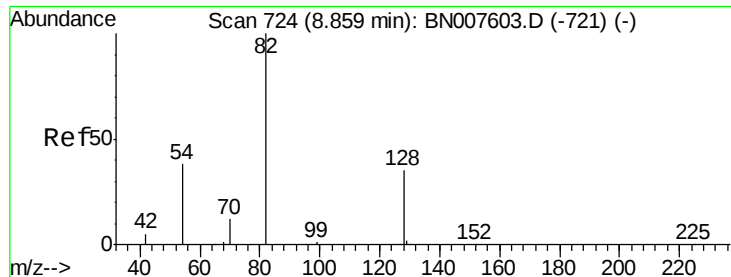
Abundance Ion 136.00 (135.70 to 136.70): BN007619.D (-837) (-)

Ion 137.00 (136.70 to 137.70): BN007619.D (-837) (-)

Ion 54.00 (53.70 to 54.70): BN007619.D (-837) (-)

Ion 68.00 (67.70 to 68.70): BN007619.D (-837) (-)





#8

Nitrobenzene-d5

Concen: 0.202 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

PB123036BL

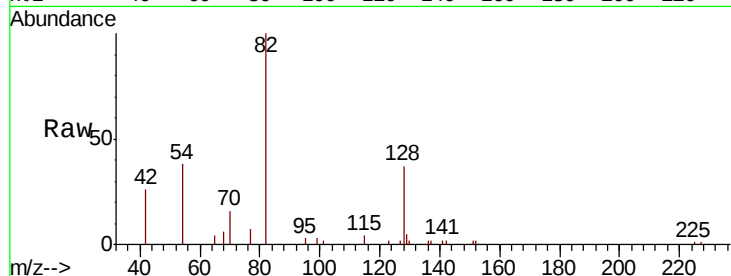
Tot Ion: 82 Resp: 5984

Ion Ratio Lower Upper

82 100

128 36.8 27.9 41.9

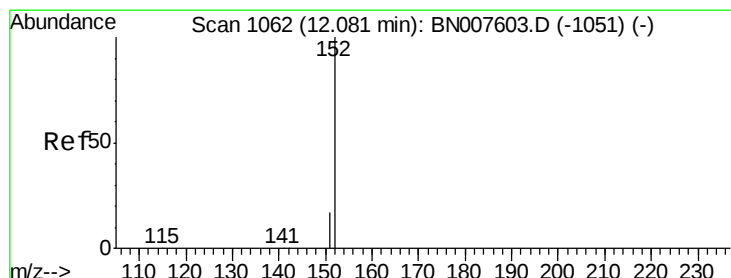
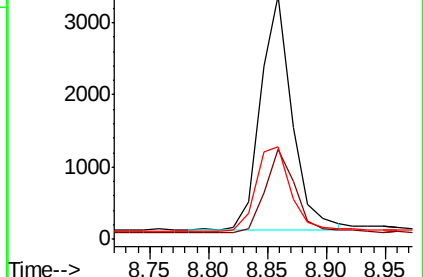
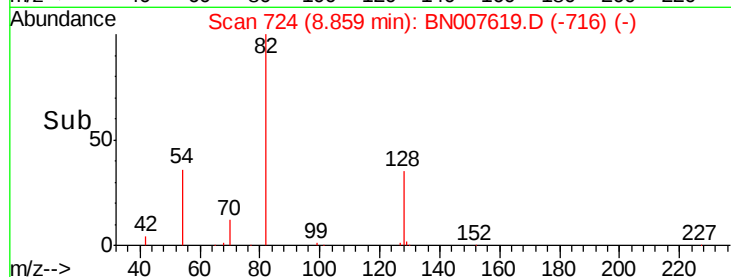
54 38.2 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007619.D (-1017) (-)

Ion 128.00 (127.70 to 128.70): BN007619.D (-1017) (-)

Ion 54.00 (53.70 to 54.70): BN007619.D (-1017) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.220 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007619.D

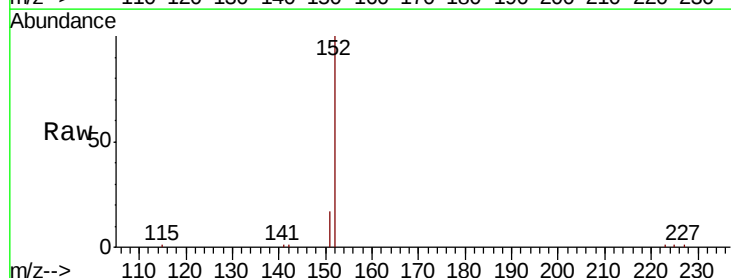
Acq: 13 Sep 2019 10:28

Tgt Ion: 152 Resp: 13823

Ion Ratio Lower Upper

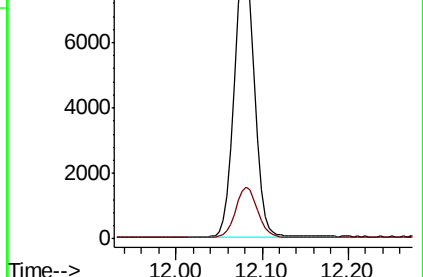
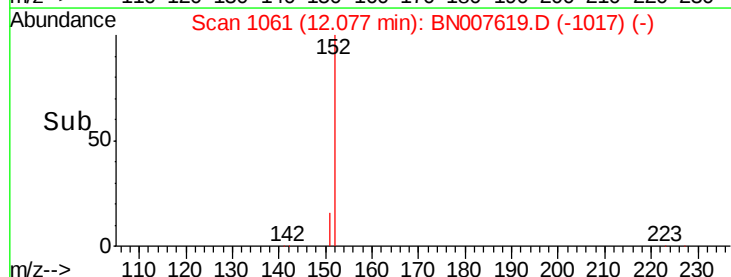
152 100

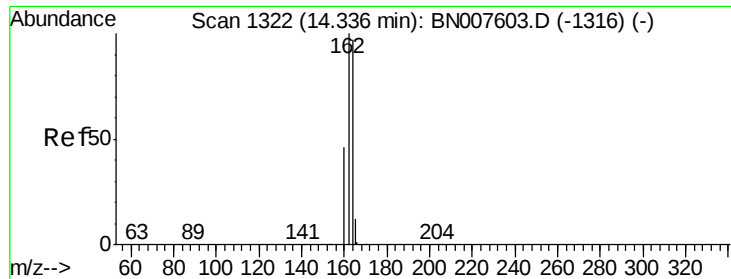
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007619.D (-1017) (-)

Ion 151.00 (150.70 to 151.70): BN007619.D (-1017) (-)

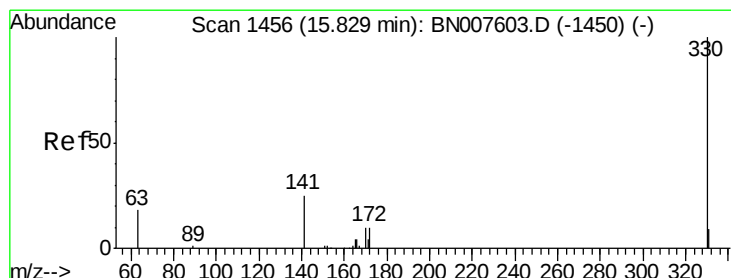
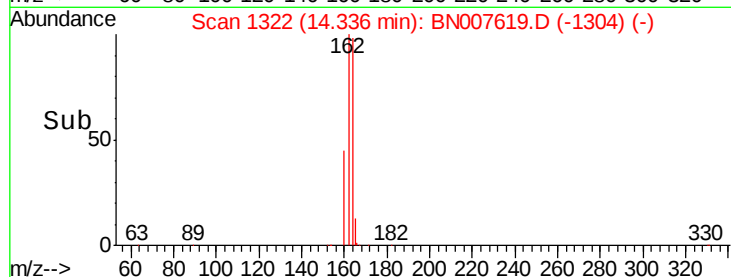
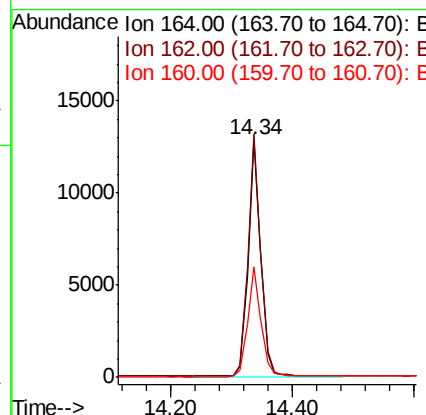
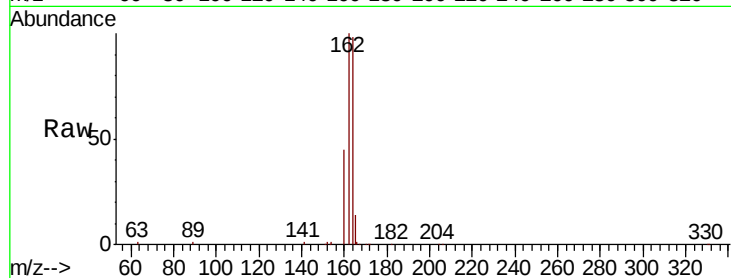




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

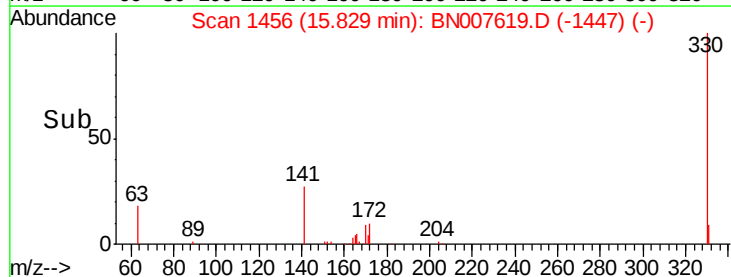
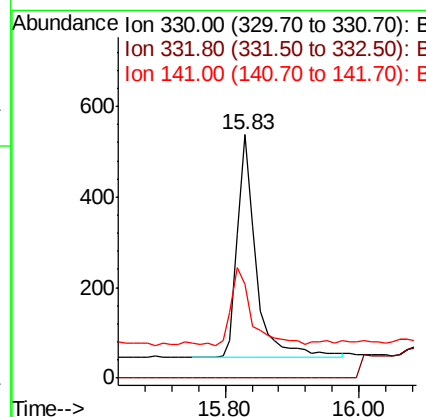
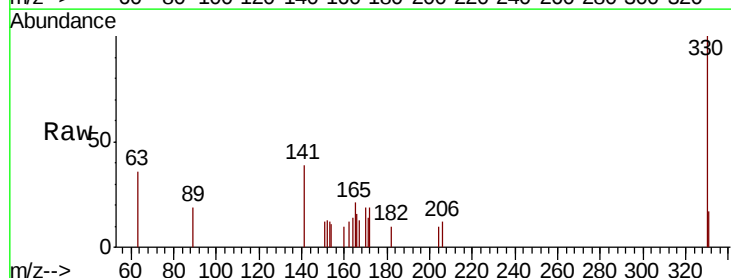
Instrument :
BNA_N
ClientSampleId :
PB123036BL

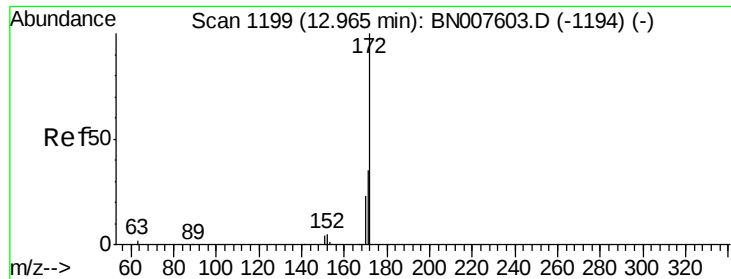
Tot Ion:164 Resp: 18389
Ion Ratio Lower Upper
164 100
162 102.5 82.8 124.2
160 46.3 38.0 57.0



#14
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 15.83 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

Tgt Ion:330 Resp: 960
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.3 30.1 45.1

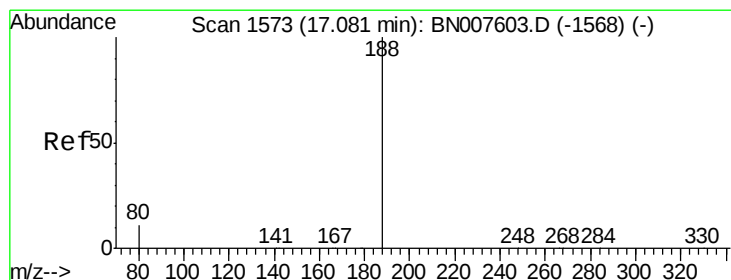
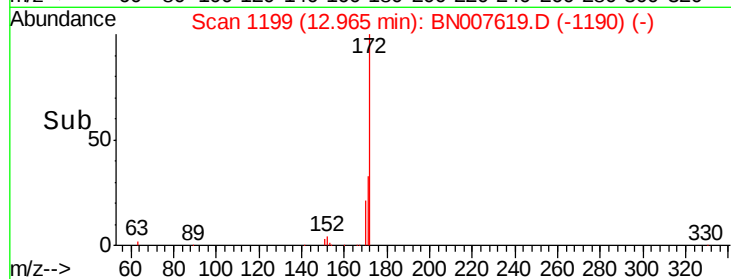
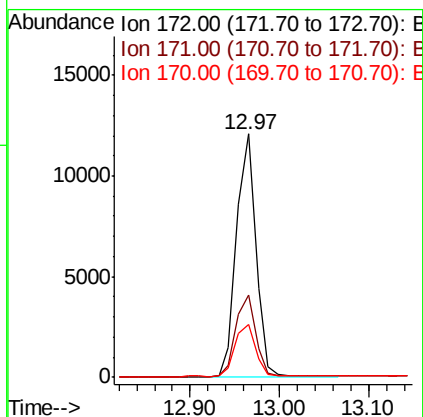
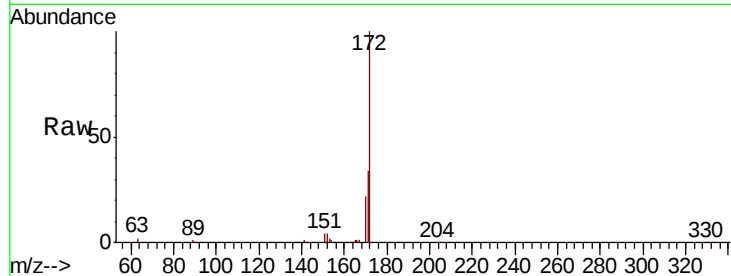




#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 12.97 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

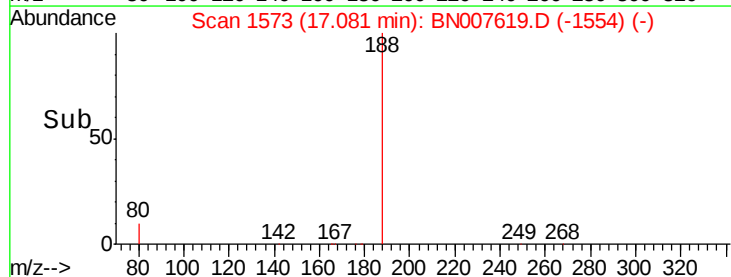
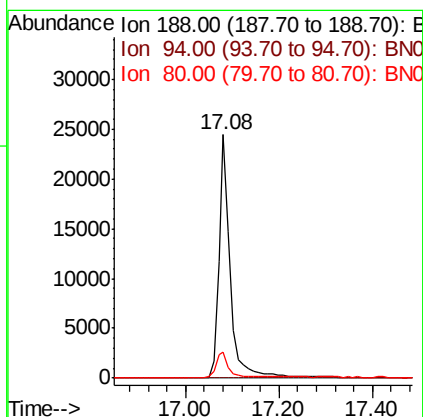
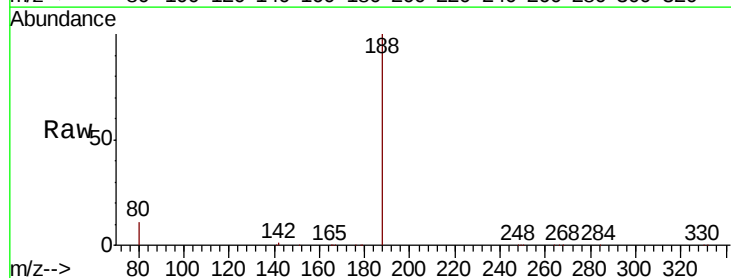
Instrument :
BNA_N
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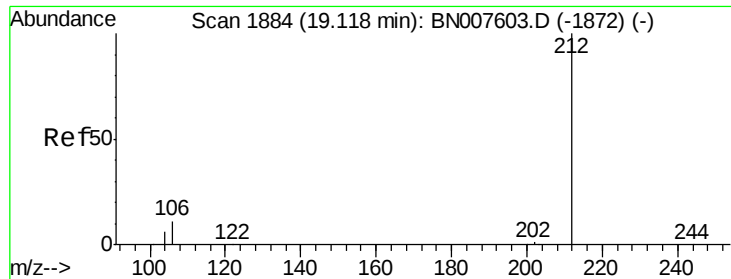
Tot Ion:172 Resp: 18245
Ion Ratio Lower Upper
172 100
171 33.7 27.9 41.9
170 21.8 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN007619.D
Acq: 13 Sep 2019 10:28

Tgt Ion:188 Resp: 41378
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 8.8 13.2





#25

Fluoranthene-d10

Concen: 0.210 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

PB123036BL

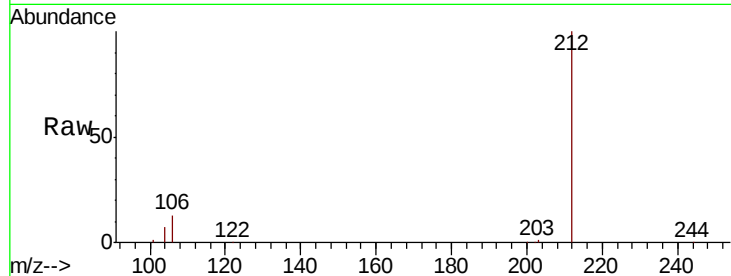
Tot Ion:212 Resp: 27358

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

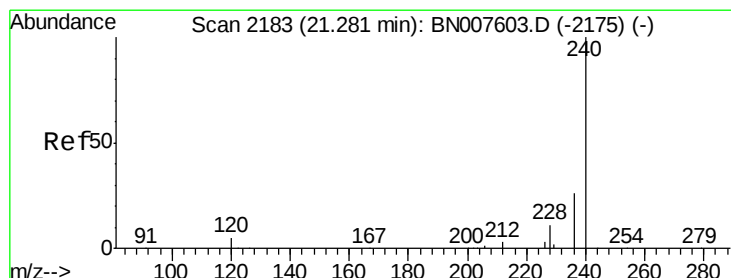
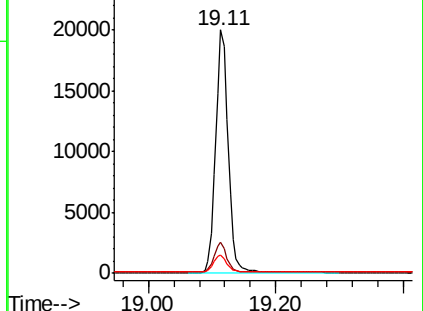
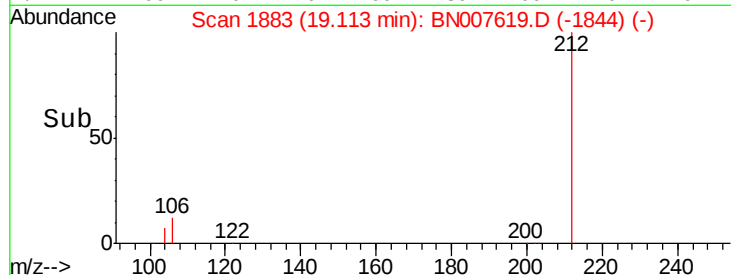
104 6.8 5.4 8.0



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: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

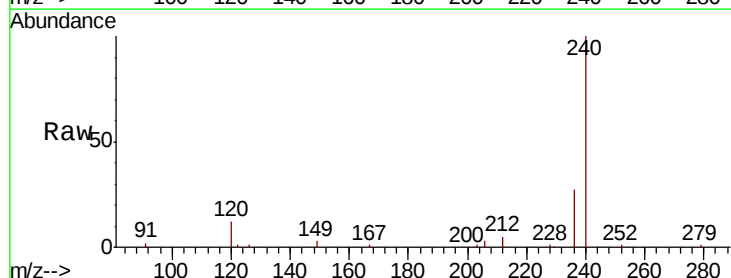
Tgt Ion:240 Resp: 36777

Ion Ratio Lower Upper

240 100

120 12.4 4.3 6.5#

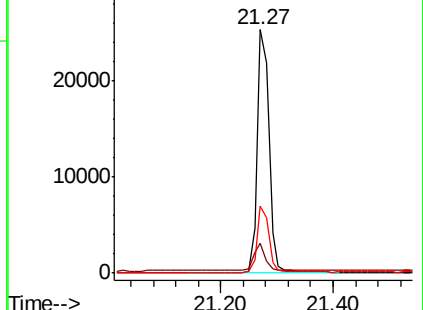
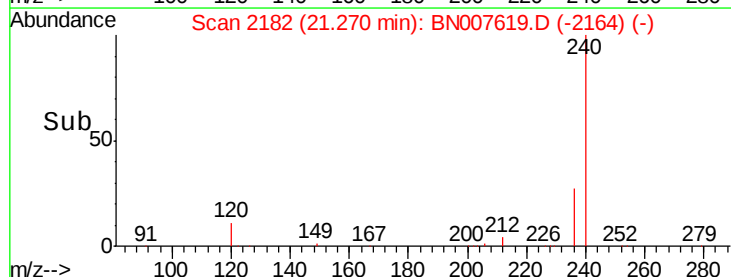
236 27.3 20.8 31.2

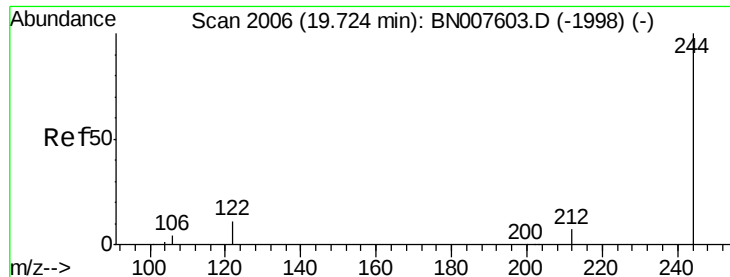


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.228 ng

RT: 19.72 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

PB123036BL

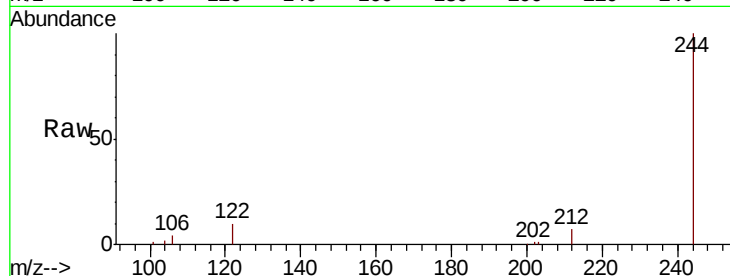
Tot Ion:244 Resp: 22148

Ion Ratio Lower Upper

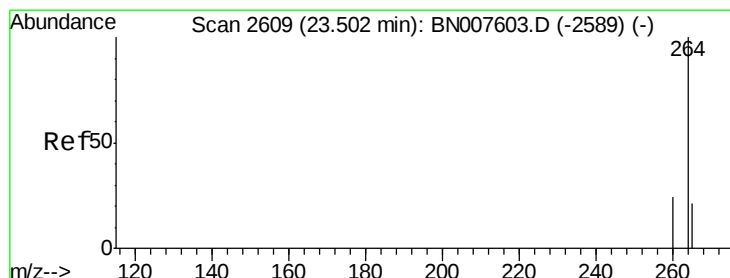
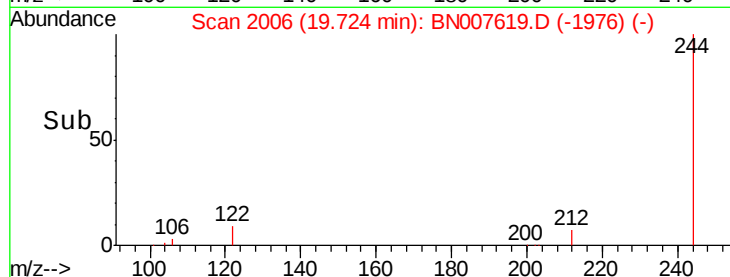
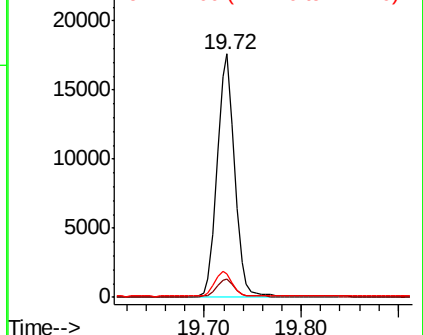
244 100

212 7.4 5.9 8.9

122 9.6 8.6 12.8



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: 23.50 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN007619.D

Acq: 13 Sep 2019 10:28

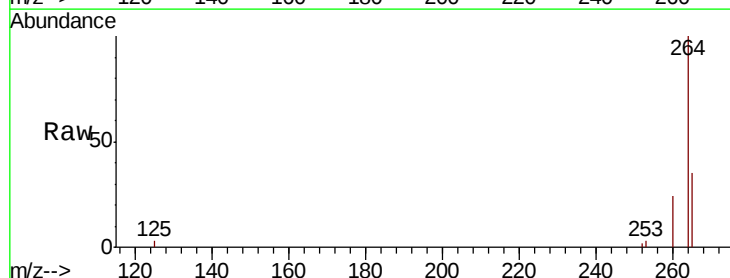
Tgt Ion:264 Resp: 36705

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 35.1 24.6 37.0



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

