

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007406.D
 Acq On : 26 Aug 2019 12:18
 Operator : HP/JU
 Sample : PB122289BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BL

Quant Time: Aug 26 18:21:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7726	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	28949	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	13645	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	28411	0.40	ng	0.00
27) Chrysene-d12	21.03	240	23554	0.40	ng	0.00
34) Perylene-d12	23.13	264	24499	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	7157	0.26	ng	0.00
5) Phenol-d6	6.59	99	8703	0.24	ng	0.00
8) Nitrobenzene-d5	8.53	82	6305	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	14013	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1018	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	15617	0.28	ng	0.00
25) Fluoranthene-d10	18.84	212	27151	0.30	ng	0.00
29) Terphenyl-d14	19.47	244	19295	0.31	ng	0.00

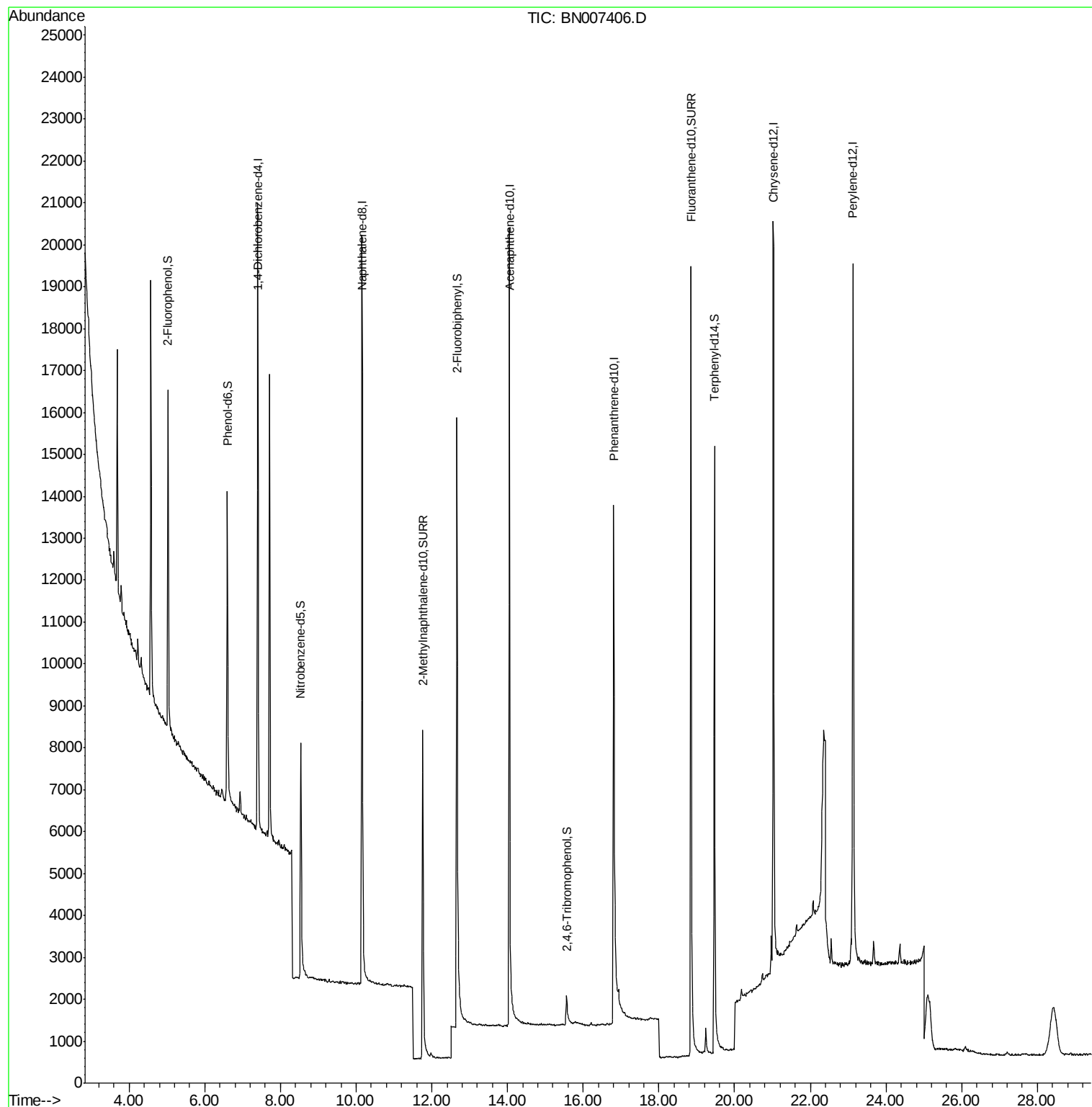
Target Compounds	Qvalue

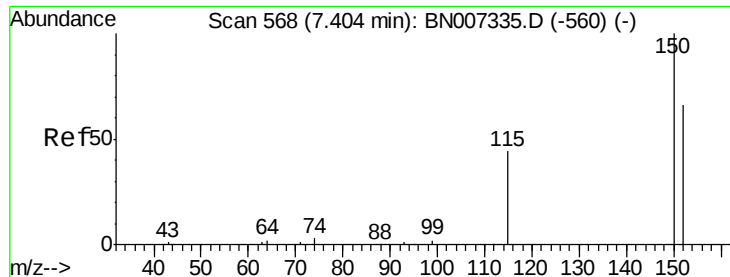
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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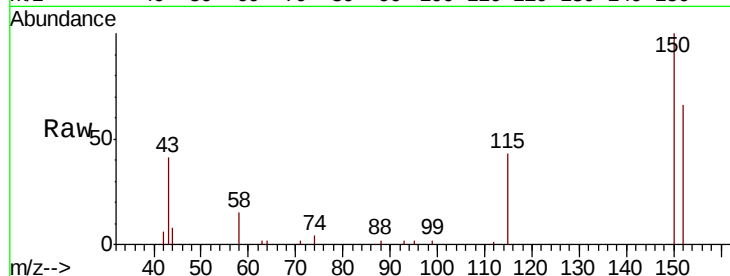


#1

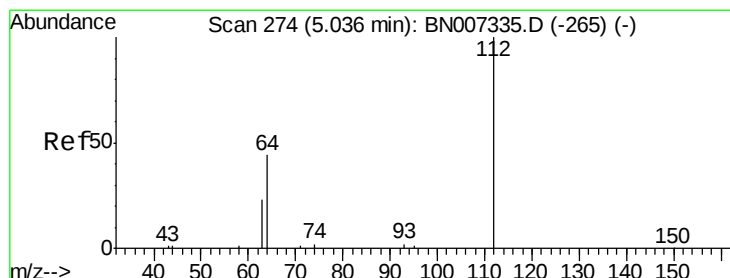
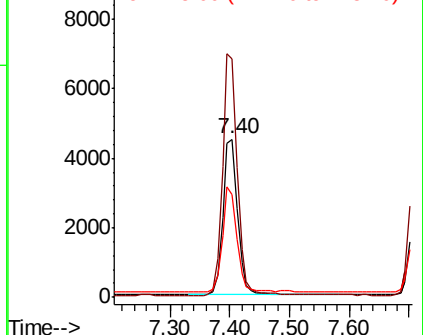
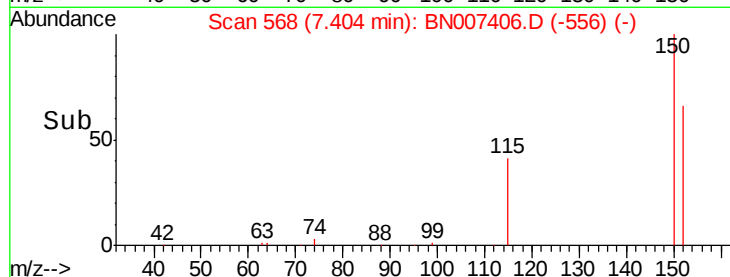
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007406.D
Acq: 26 Aug 2019 12:18

Instrument :
BNA_N
ClientSampleId :
PB122289BL

Tot Ion:152 Resp: 7726
Ion Ratio Lower Upper
152 100
150 151.0 109.1 163.7
115 65.2 59.6 89.4



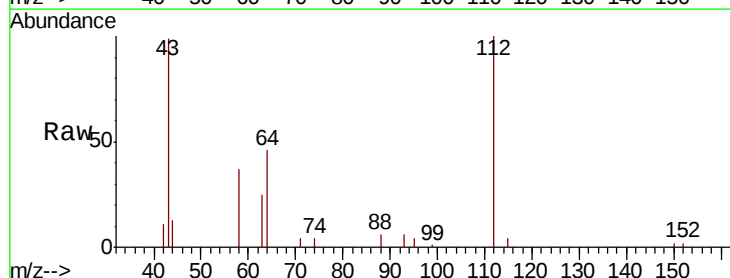
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



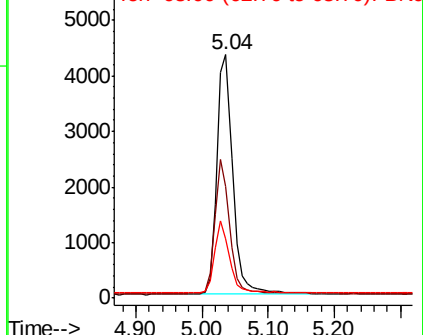
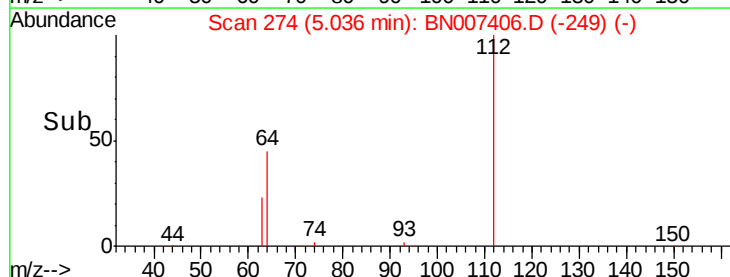
#4

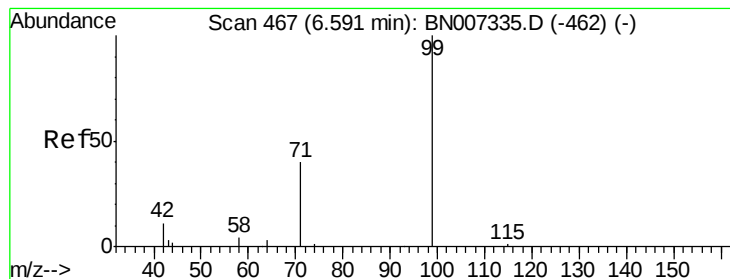
2-Fluorophenol
Concen: 0.257 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007406.D
Acq: 26 Aug 2019 12:18

Tgt Ion:112 Resp: 7157
Ion Ratio Lower Upper
112 100
64 53.5 42.3 63.5
63 28.5 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: 0.243 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB122289BL

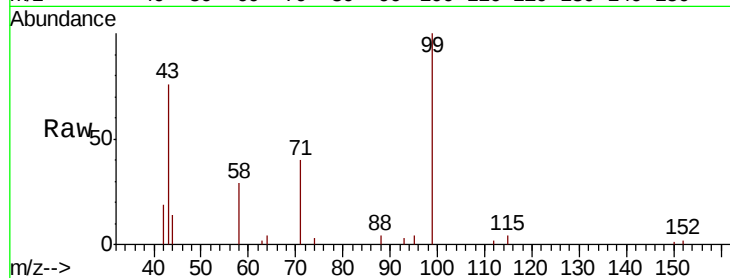
Tot Ion: 99 Resp: 8703

Ion Ratio Lower Upper

99 100

42 10.6 11.2 16.8#

71 34.5 31.8 47.8

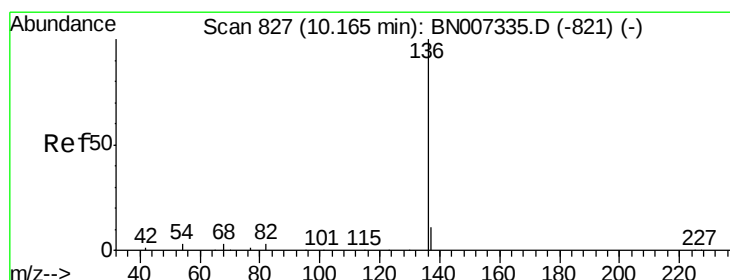
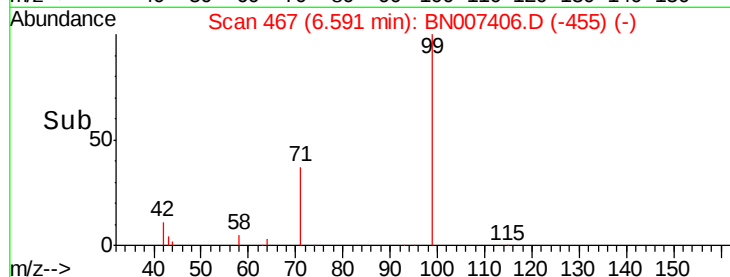
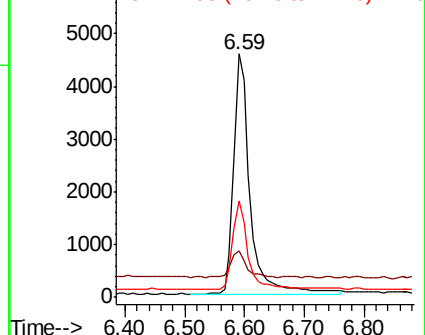


Abundance

Ion 99.00 (98.70 to 99.70): BN007406.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007406.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007406.D (-455) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

Tgt Ion: 136 Resp: 28949

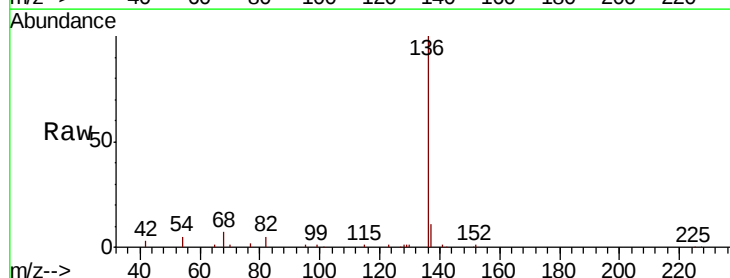
Ion Ratio Lower Upper

136 100

137 11.1 12.9 19.3#

54 5.3 8.6 12.8#

68 6.9 17.0 25.4#



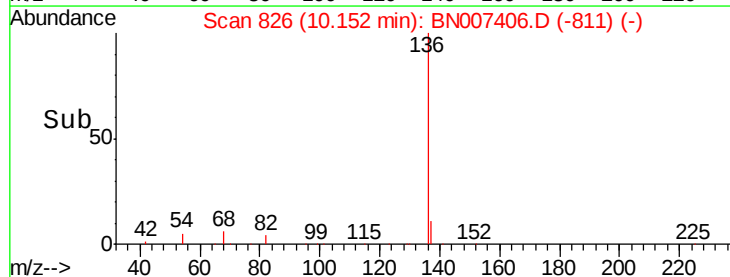
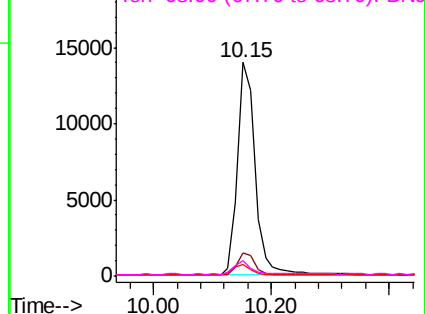
Abundance

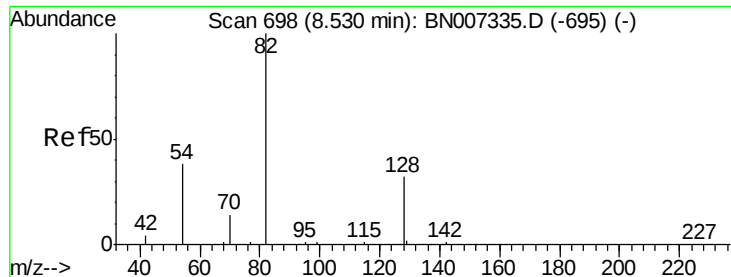
Ion 136.00 (135.70 to 136.70): BN007406.D (-811) (-)

Ion 137.00 (136.70 to 137.70): BN007406.D (-811) (-)

Ion 54.00 (53.70 to 54.70): BN007406.D (-811) (-)

Ion 68.00 (67.70 to 68.70): BN007406.D (-811) (-)





#8

Nitrobenzene-d5

Concen: 0.250 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB122289BL

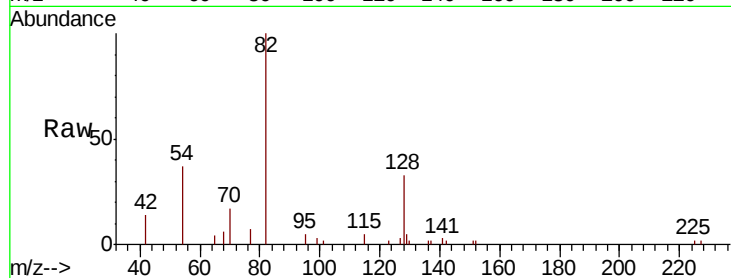
Tot Ion: 82 Resp: 6305

Ion Ratio Lower Upper

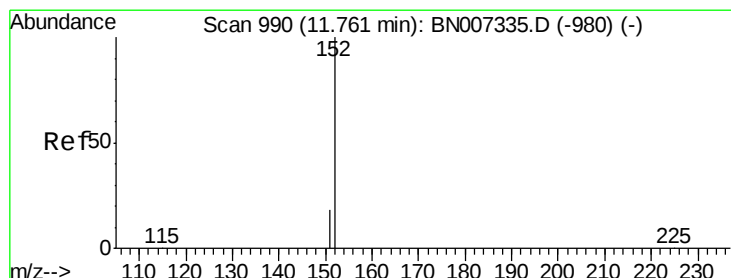
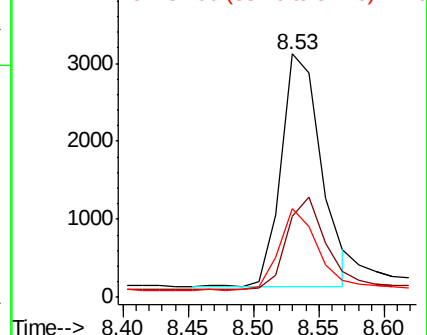
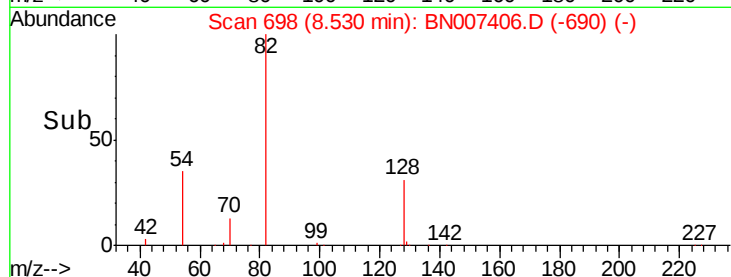
82 100

128 33.2 19.7 29.5#

54 36.5 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007406.D (-690) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007406.D

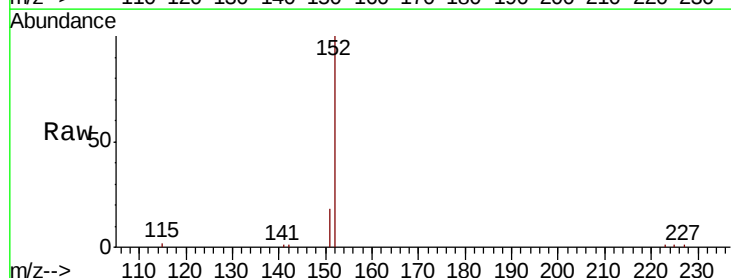
Acq: 26 Aug 2019 12:18

Tgt Ion: 152 Resp: 14013

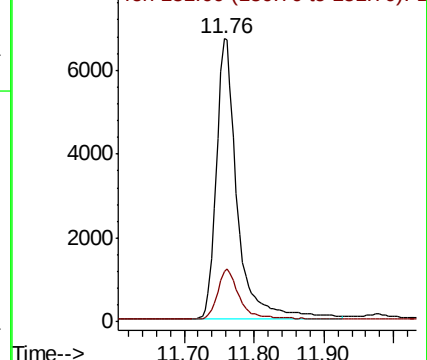
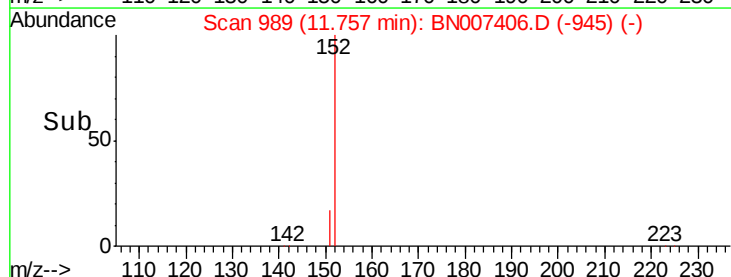
Ion Ratio Lower Upper

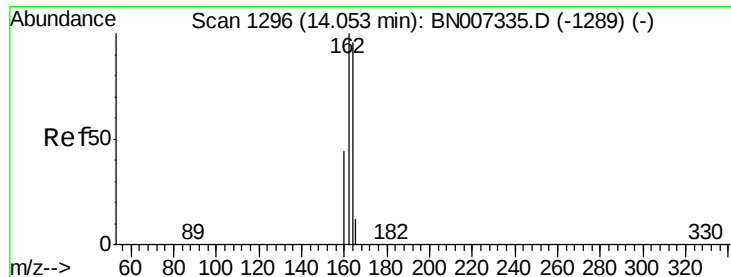
152 100

151 18.7 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007406.D (-945) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB122289BL

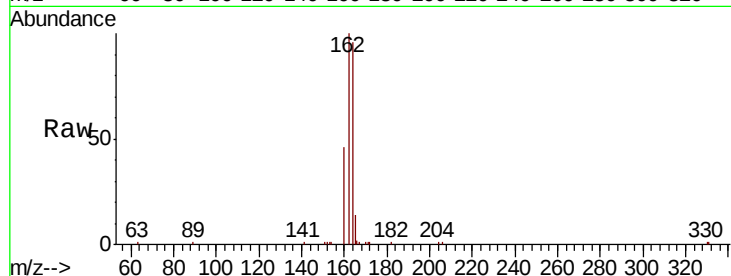
Tot Ion:164 Resp: 13645

Ion Ratio Lower Upper

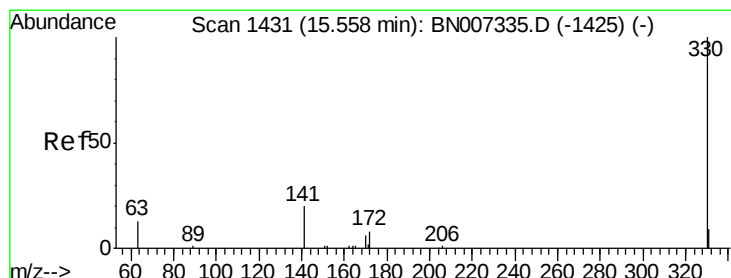
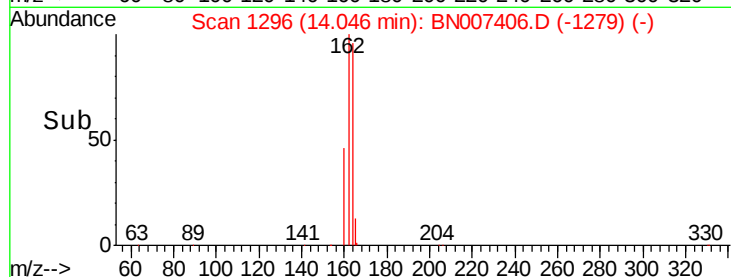
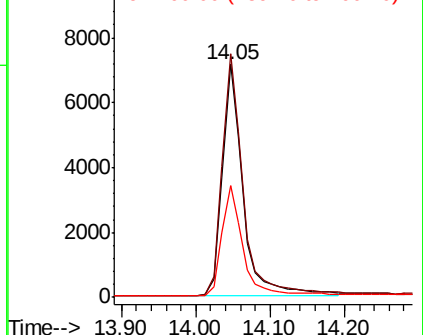
164 100

162 104.4 83.5 125.3

160 48.2 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

2,4,6-Tribromophenol

Concen: 0.143 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

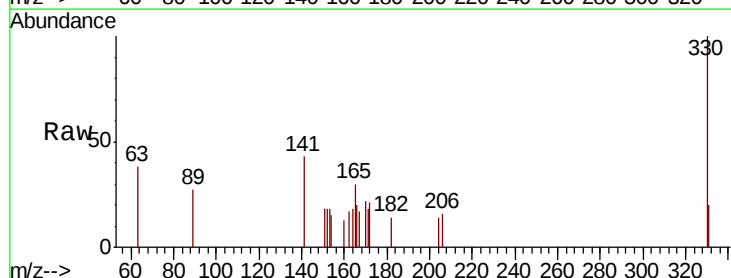
Tgt Ion:330 Resp: 1018

Ion Ratio Lower Upper

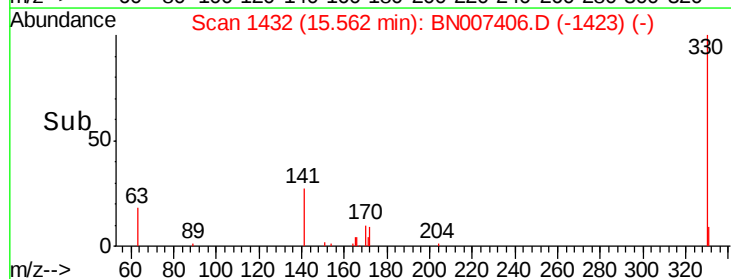
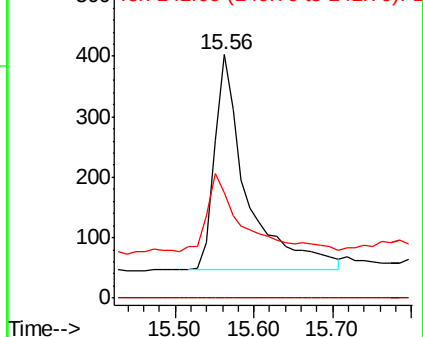
330 100

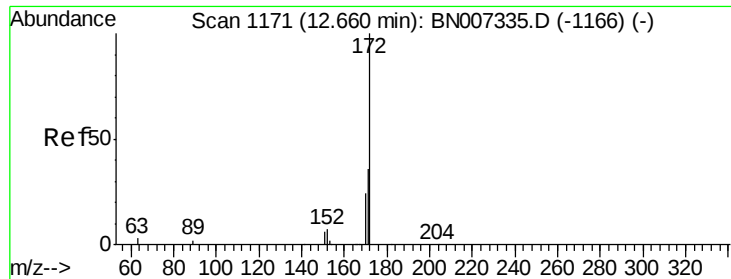
332 0.0 0.0 0.0

141 38.8 26.9 40.3



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

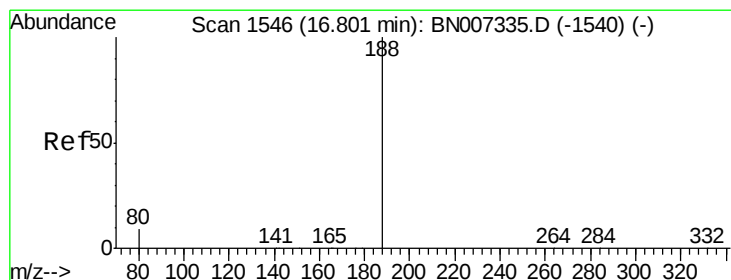
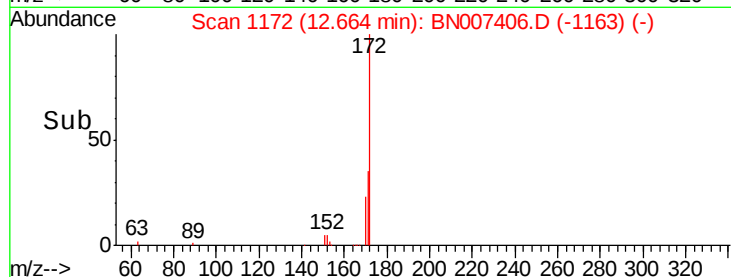
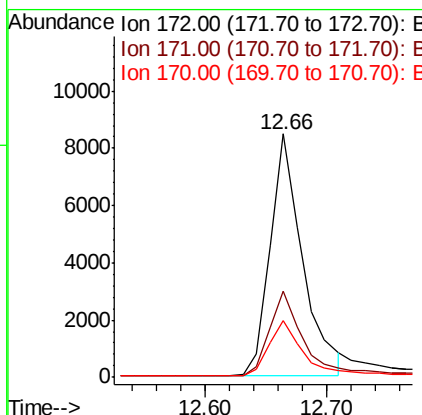
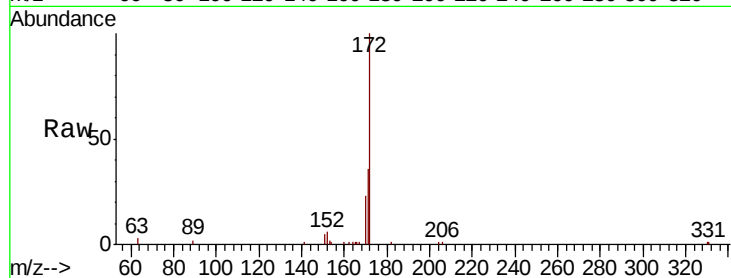




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007406.D
Acq: 26 Aug 2019 12:18

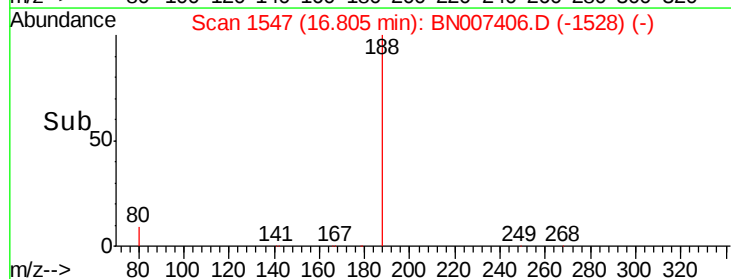
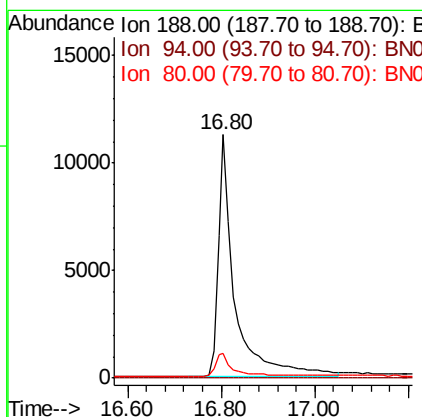
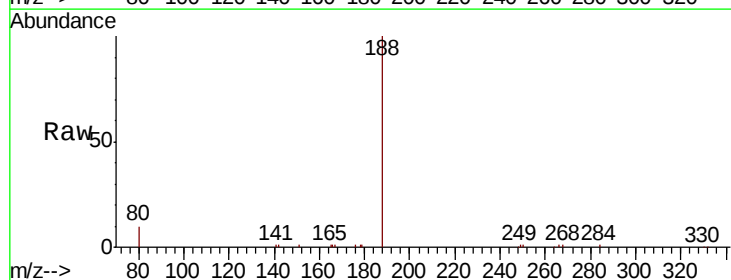
Instrument :
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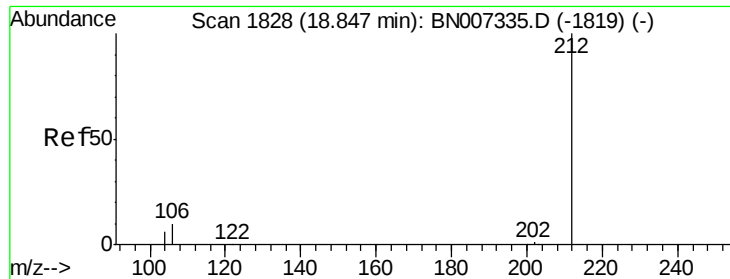
Tot Ion:172 Resp: 15617
Ion Ratio Lower Upper
172 100
171 35.5 30.3 45.5
170 23.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007406.D
Acq: 26 Aug 2019 12:18

Tgt Ion:188 Resp: 28411
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 11.8 17.8#





#25

Fluoranthene-d10

Concen: 0.297 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

Instrument :

BNA_N

ClientSampleId :

PB122289BL

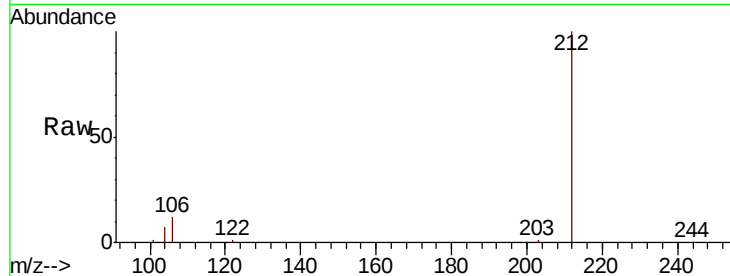
Tot Ion:212 Resp: 27151

Ion Ratio Lower Upper

212 100

106 11.5 9.0 13.4

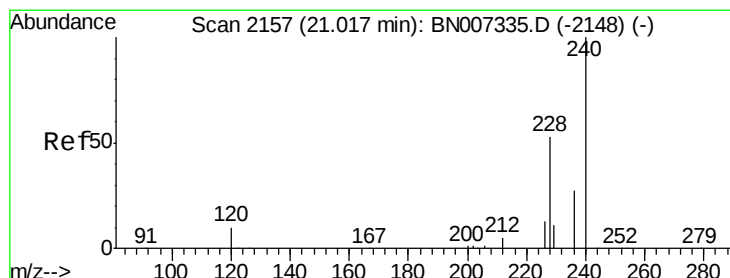
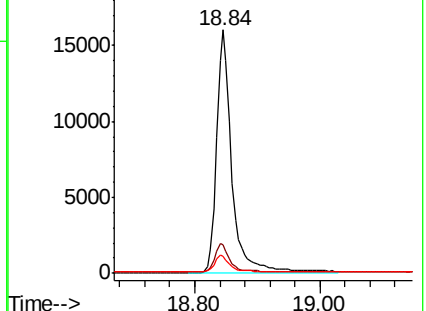
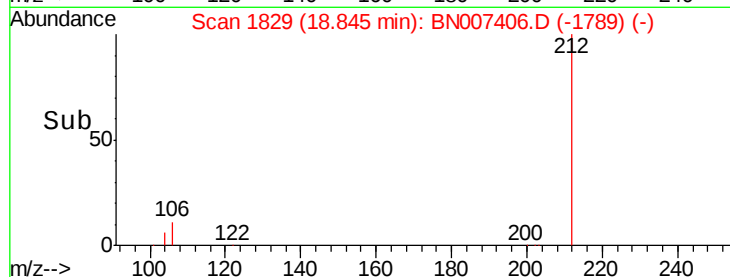
104 6.7 5.4 8.2



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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

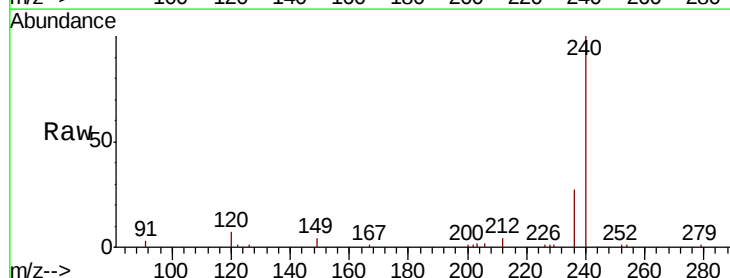
Tgt Ion:240 Resp: 23554

Ion Ratio Lower Upper

240 100

120 6.9 9.6 14.4#

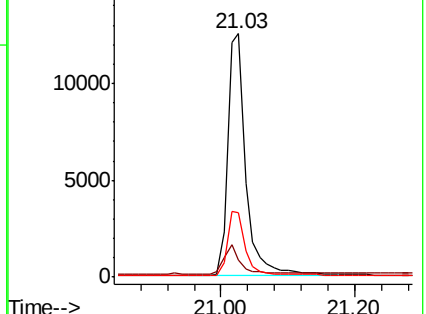
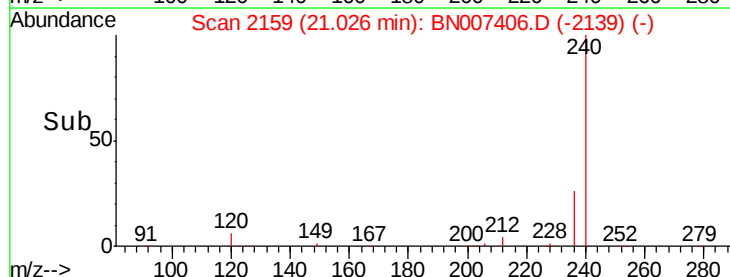
236 26.7 22.2 33.2

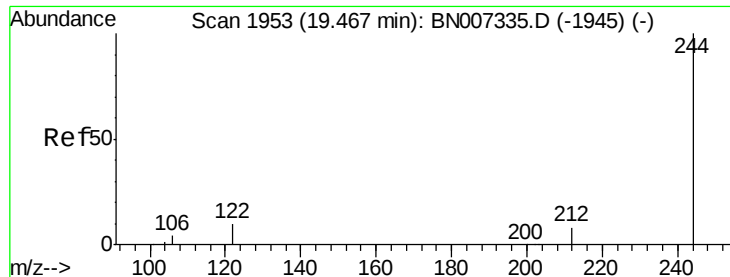


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.313 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007406.D

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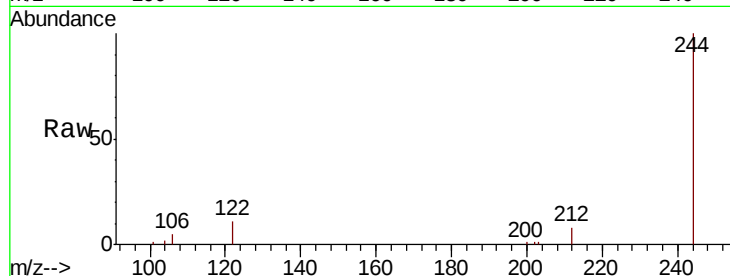
Tot Ion:244 Resp: 19295

Ion Ratio Lower Upper

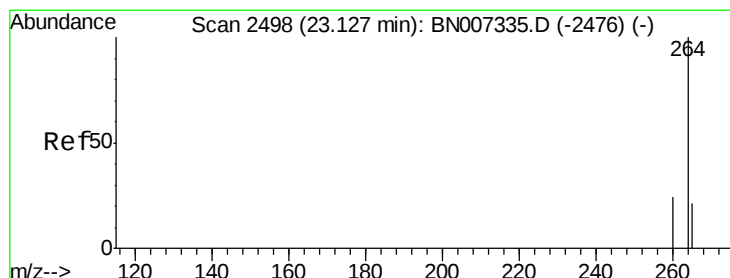
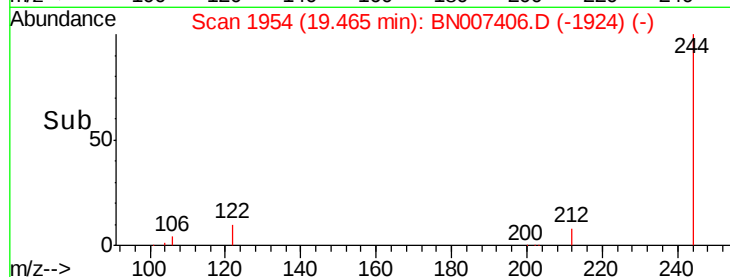
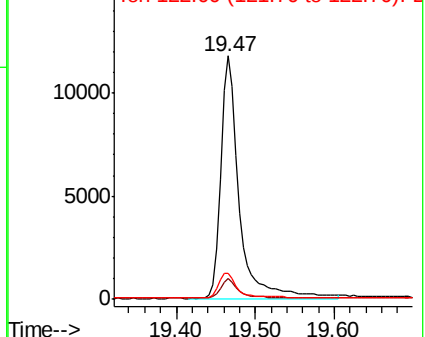
244 100

212 8.4 7.0 10.6

122 10.8 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

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BN007406.D

Acq: 26 Aug 2019 12:18

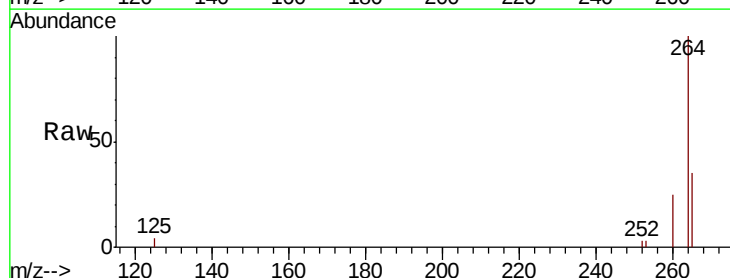
Tgt Ion:264 Resp: 24499

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 34.8 29.9 44.9



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

