

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007763.D
 Acq On : 20 Sep 2019 14:33
 Operator : HP/JU
 Sample : PB122993BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BL

Quant Time: Sep 21 04:15:46 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	6040	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22849	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13128	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	28329	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	31369	0.40	ng	0.00
34) Perylene-d12	23.47	264	31921	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5813	0.28	ng	0.00
5) Phenol-d6	6.87	99	7230	0.28	ng	0.00
8) Nitrobenzene-d5	8.83	82	6239	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14000	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1515	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	18543	0.34	ng	0.00
25) Fluoranthene-d10	19.09	212	34870	0.37	ng	-0.01
29) Terphenyl-d14	19.70	244	29234	0.38	ng	-0.01

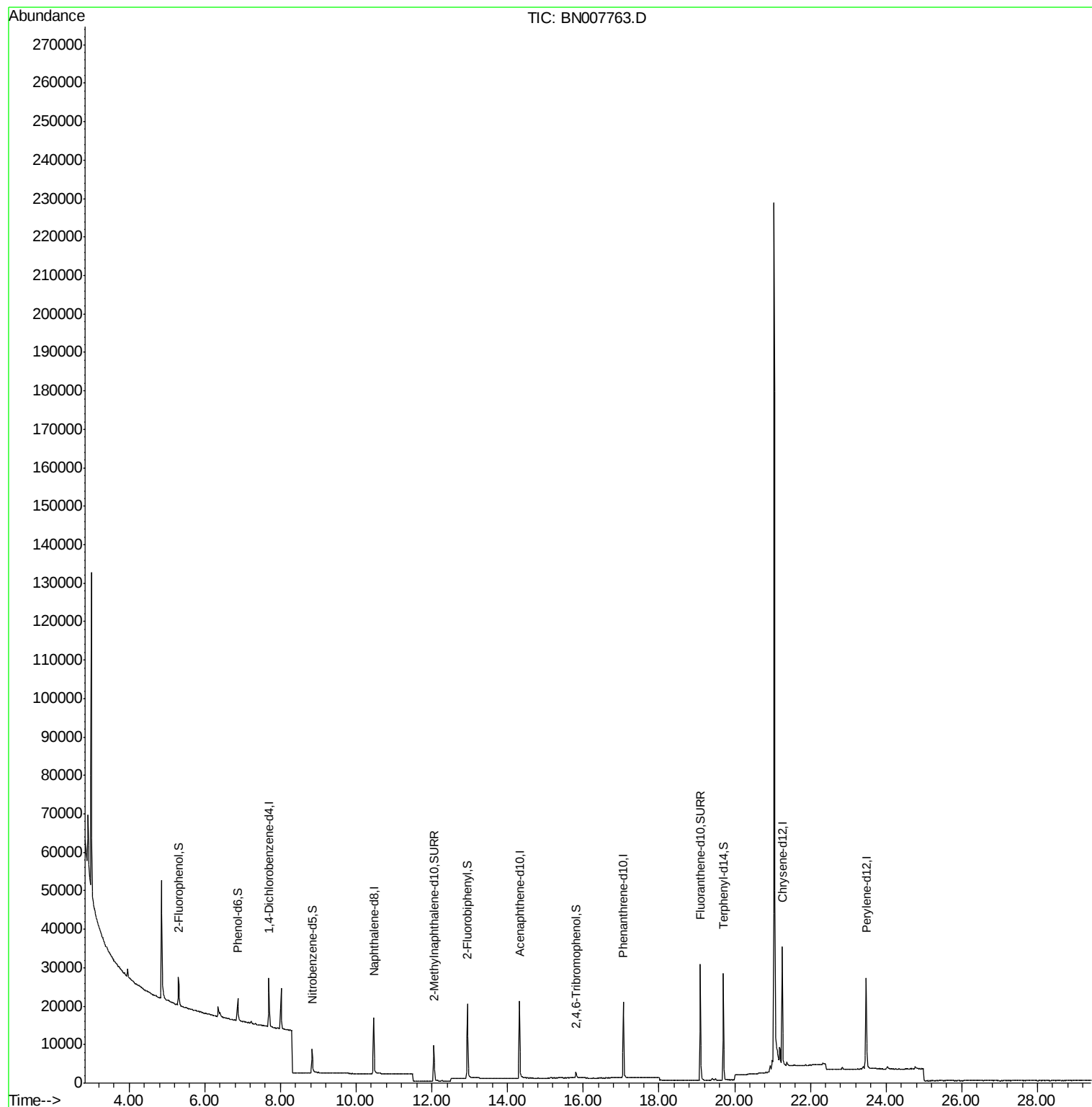
Target Compounds	Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007763.D
Acq On : 20 Sep 2019 14:33
Operator : HP/JU
Sample : PB122993BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122993BL

Quant Time: Sep 21 04:15:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

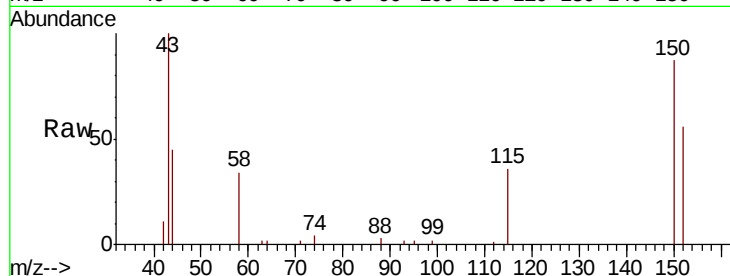
Tot Ion:152 Resp: 6040

Ion Ratio Lower Upper

152 100

150 154.9 125.6 188.4

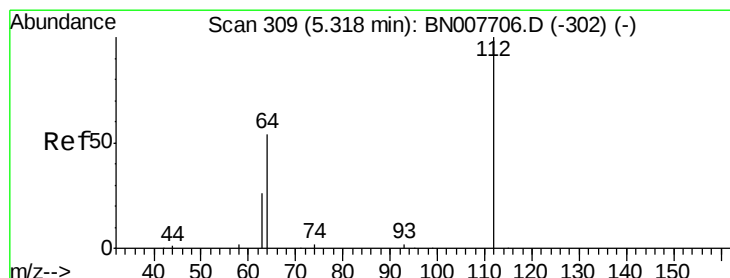
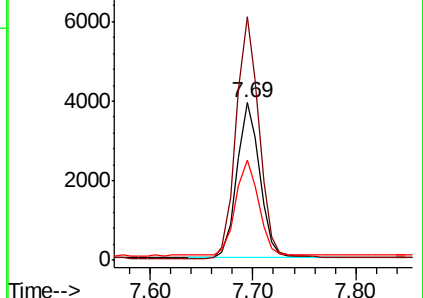
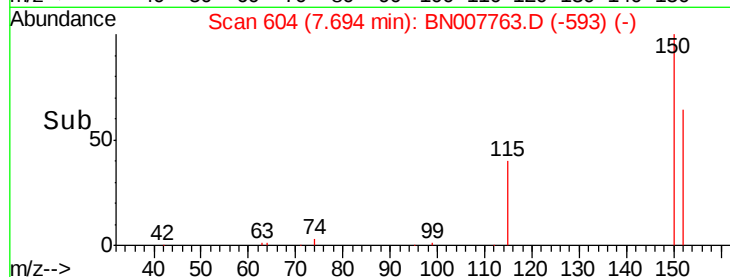
115 63.9 53.3 79.9



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



#4

2-Fluorophenol

Concen: 0.280 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

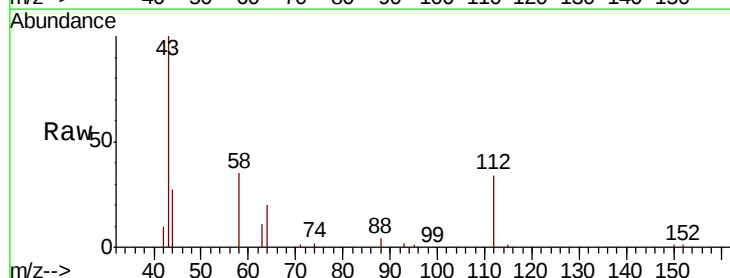
Tgt Ion:112 Resp: 5813

Ion Ratio Lower Upper

112 100

64 59.3 46.6 70.0

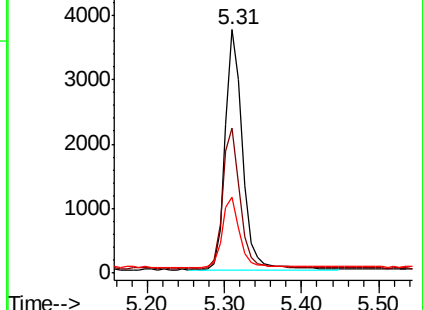
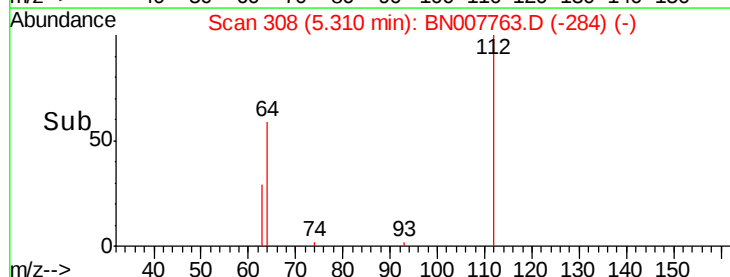
63 29.6 23.1 34.7

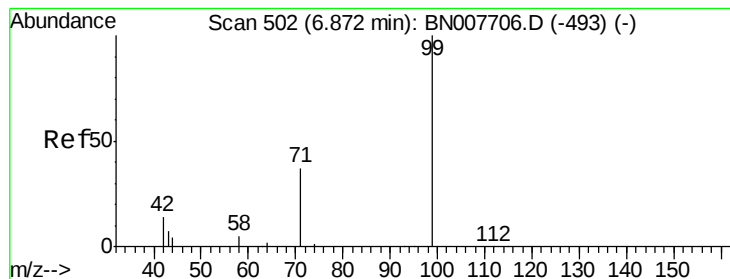


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.277 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

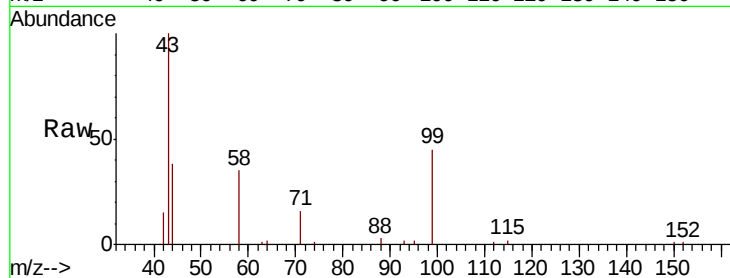
Tot Ion: 99 Resp: 7230

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

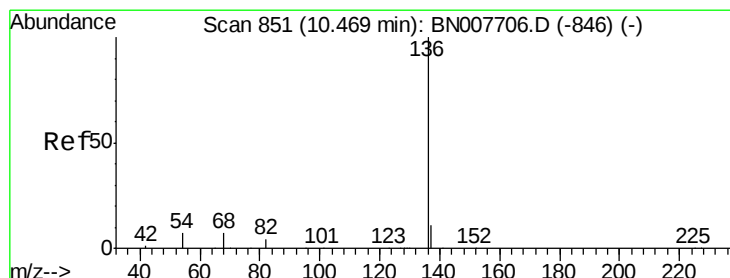
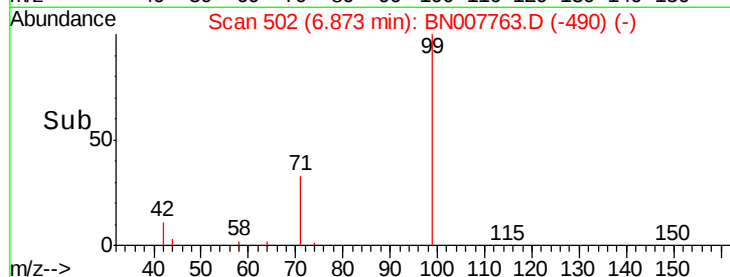
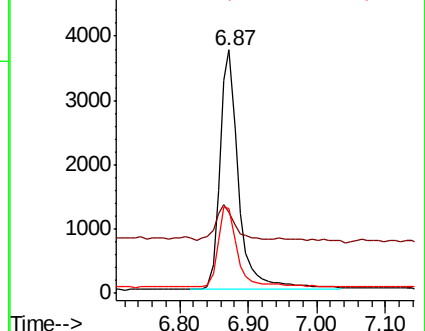
71 35.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Tgt Ion: 136 Resp: 22849

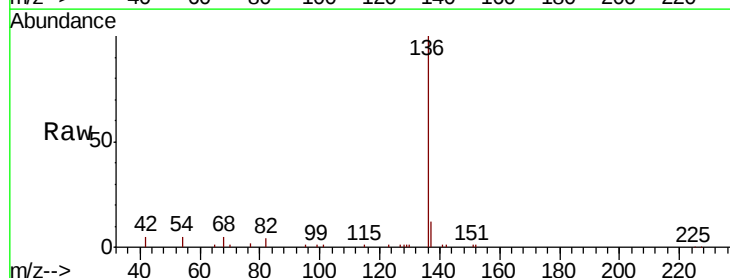
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.7 5.8 8.8#

68 5.4 6.5 9.7#

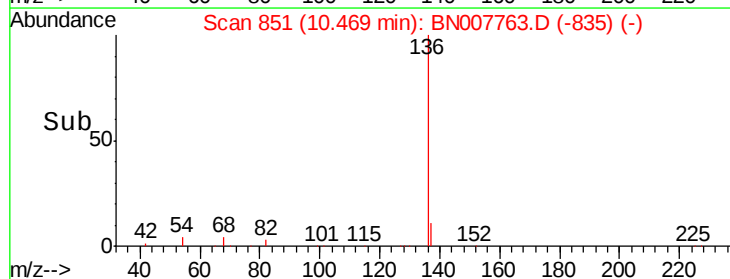
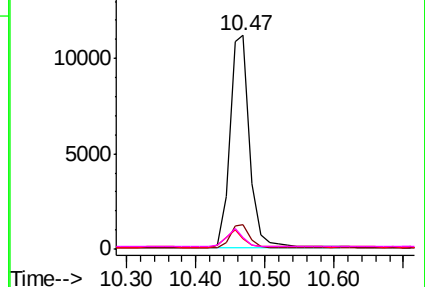


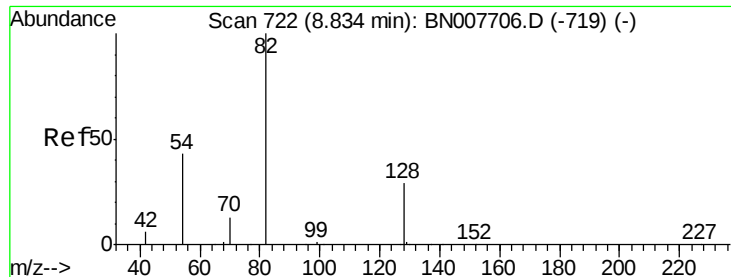
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

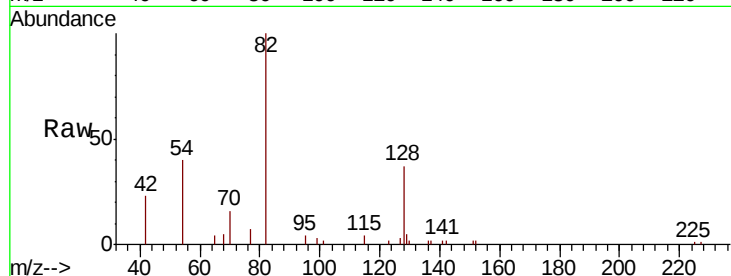
Tot Ion: 82 Resp: 6239

Ion Ratio Lower Upper

82 100

128 37.1 24.5 36.7#

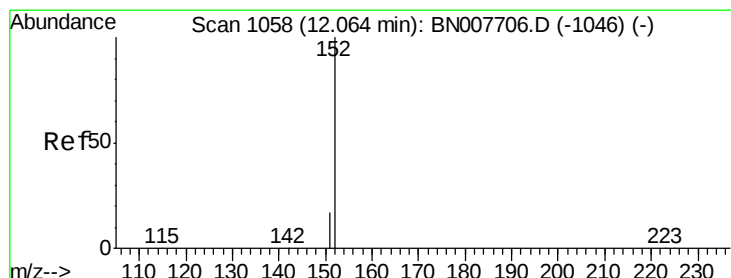
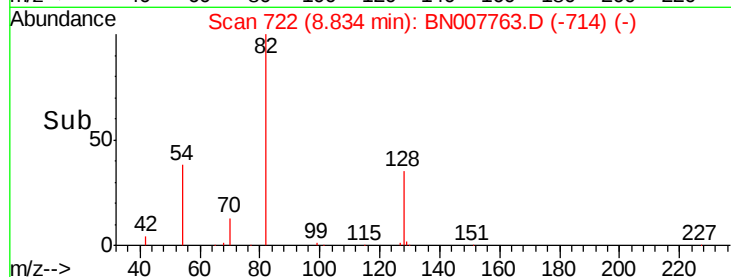
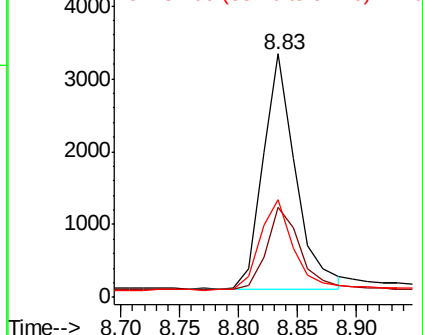
54 39.9 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007763.D

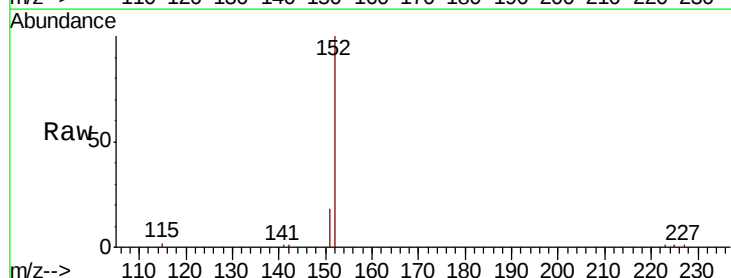
Acq: 20 Sep 2019 14:33

Tgt Ion: 152 Resp: 14000

Ion Ratio Lower Upper

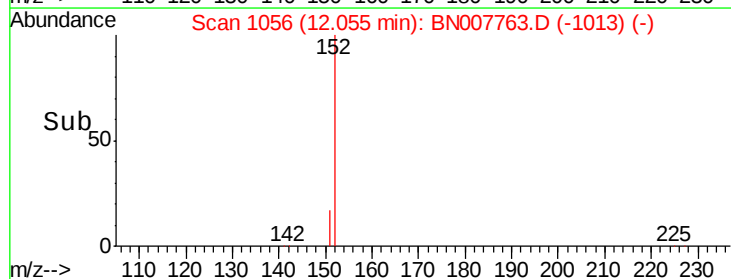
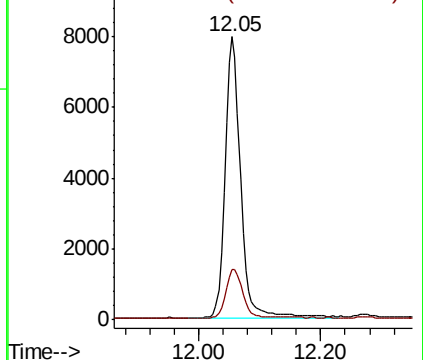
152 100

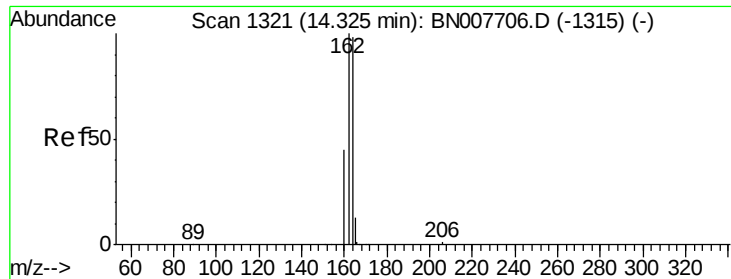
151 19.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

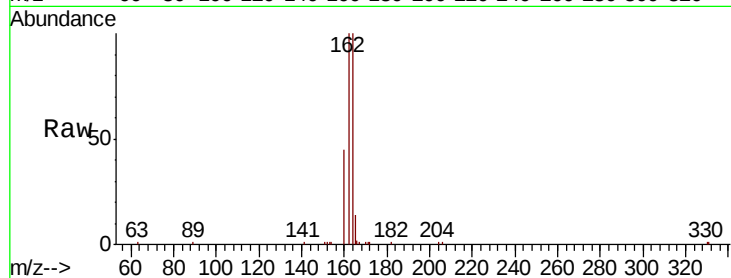
Tot Ion:164 Resp: 13128

Ion Ratio Lower Upper

164 100

162 100.0 81.7 122.5

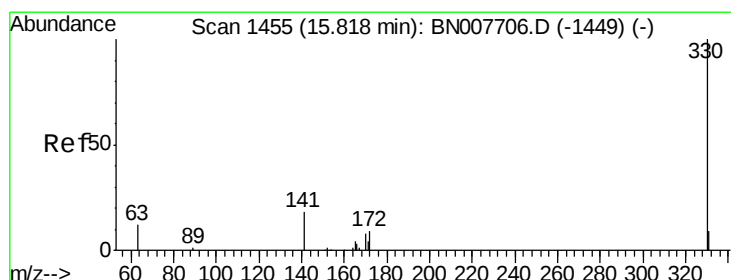
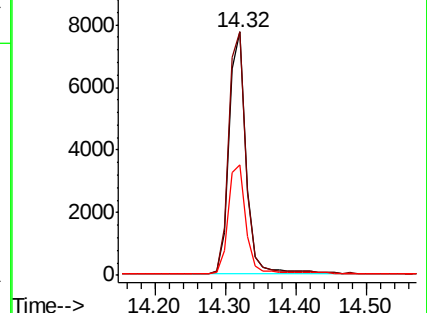
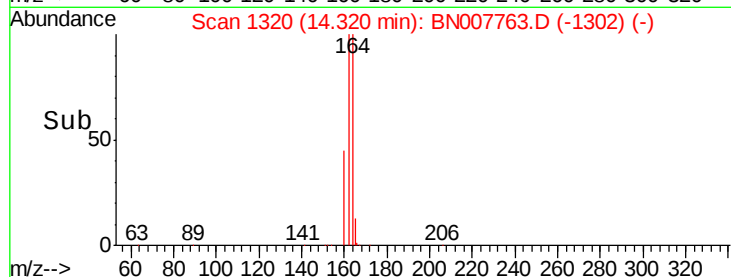
160 45.2 37.0 55.4



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: 0.212 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

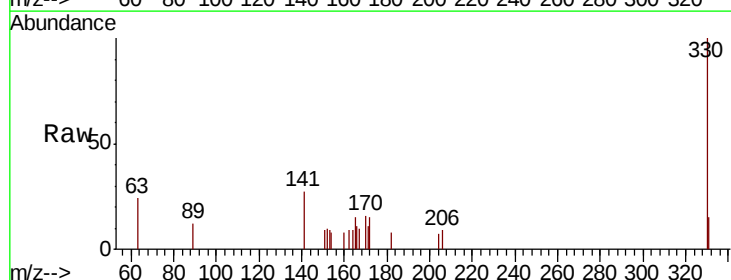
Tgt Ion:330 Resp: 1515

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

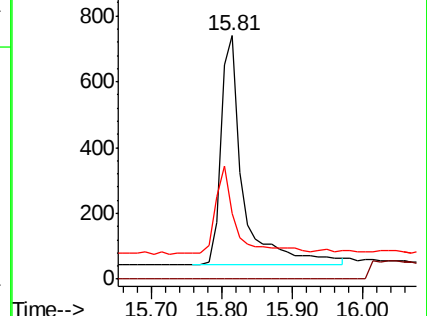
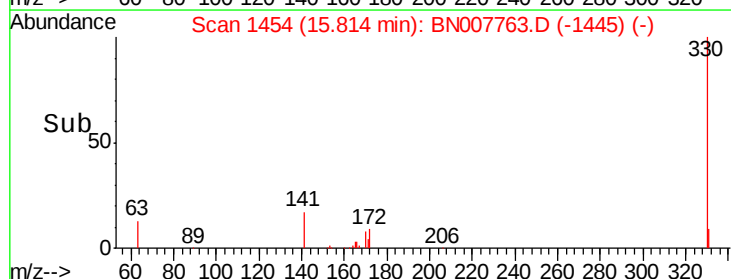
141 34.8 28.7 43.1

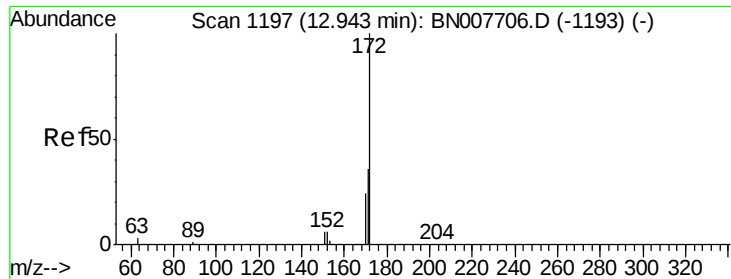


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

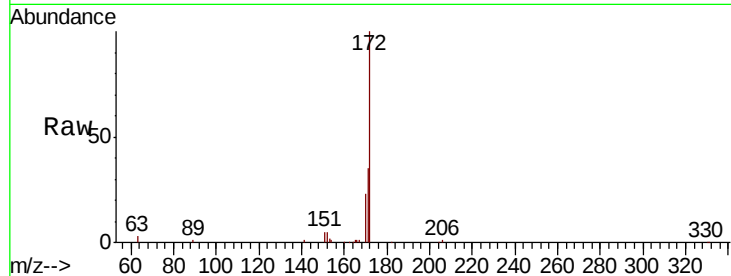




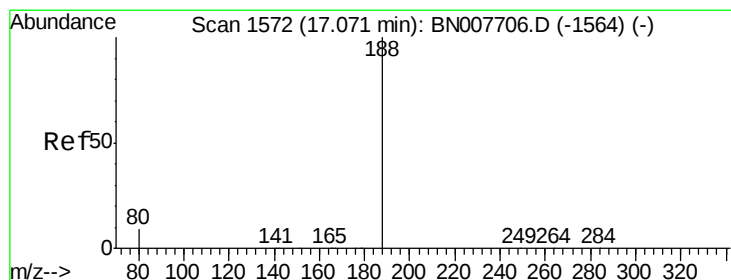
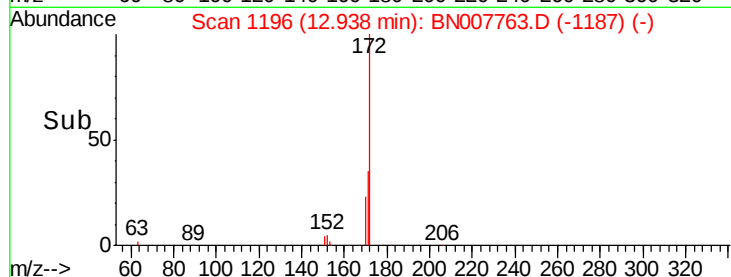
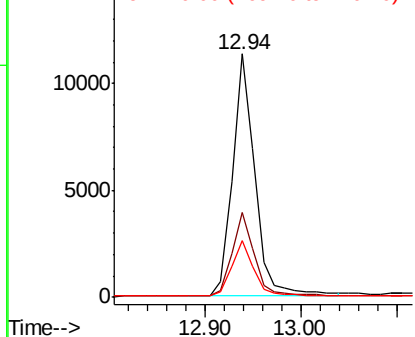
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007763.D
Acq: 20 Sep 2019 14:33

Instrument :
BNA_N
ClientSampleId :
PB122993BL

Tot Ion:172 Resp: 18543
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.1 19.5 29.3

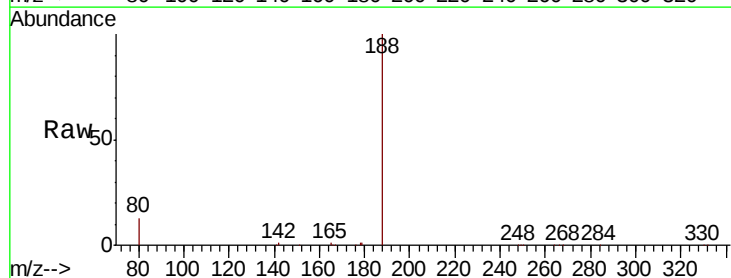


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

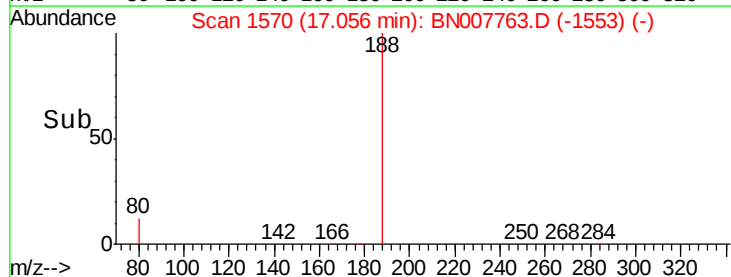
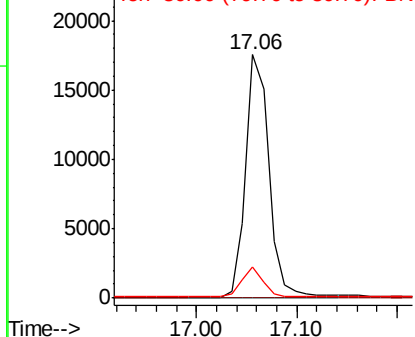


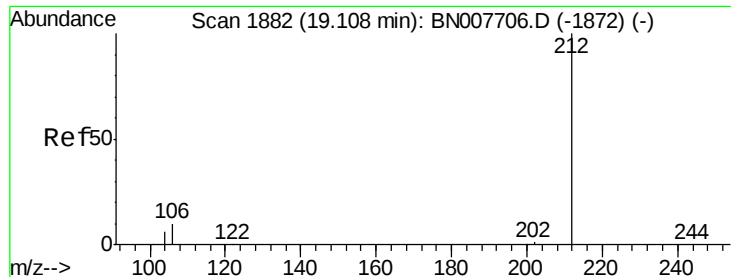
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007763.D
Acq: 20 Sep 2019 14:33

Tgt Ion:188 Resp: 28329
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 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: 0.365 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

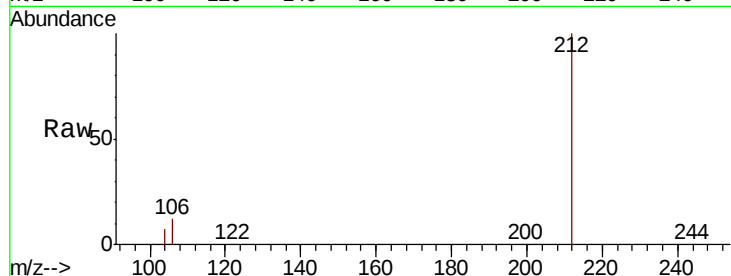
Tot Ion:212 Resp: 34870

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

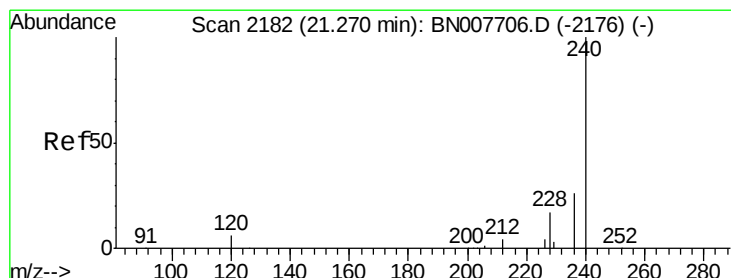
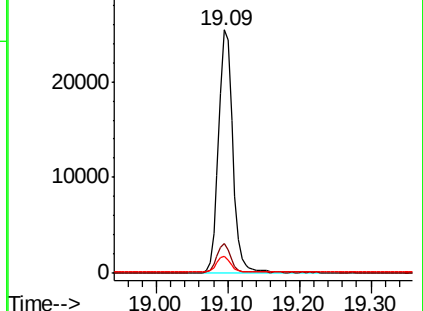
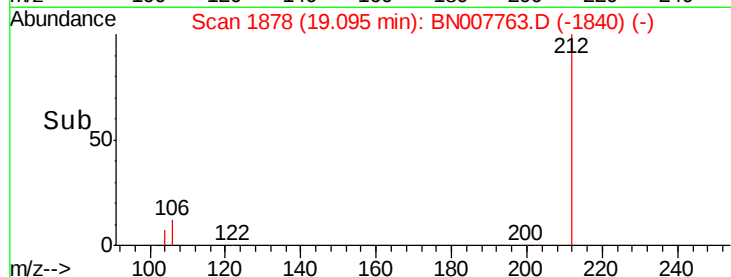
104 6.6 5.3 7.9



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# 2180

Delta R.T. -0.01 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

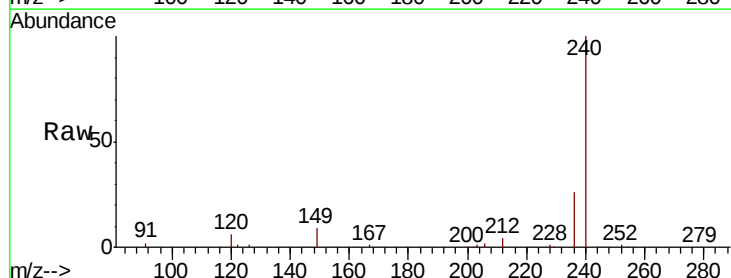
Tgt Ion:240 Resp: 31369

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

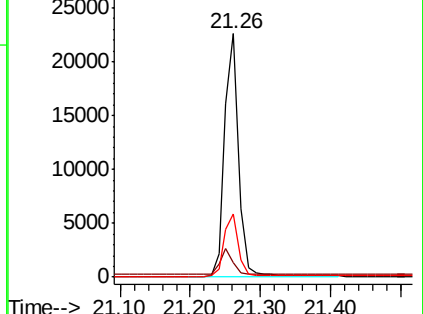
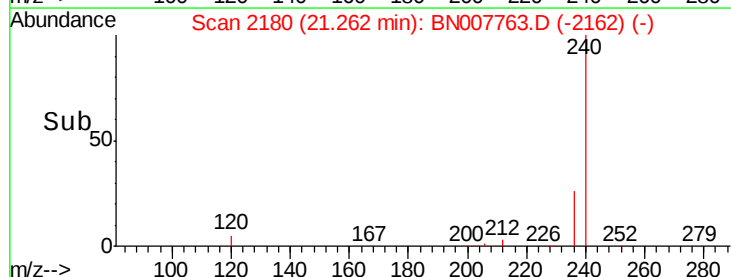
236 26.0 21.0 31.4

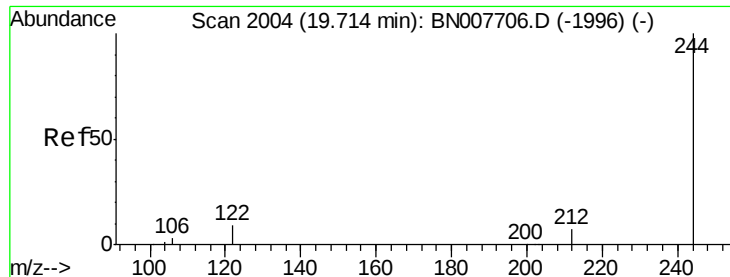


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

Instrument :

BNA_N

ClientSampleId :

PB122993BL

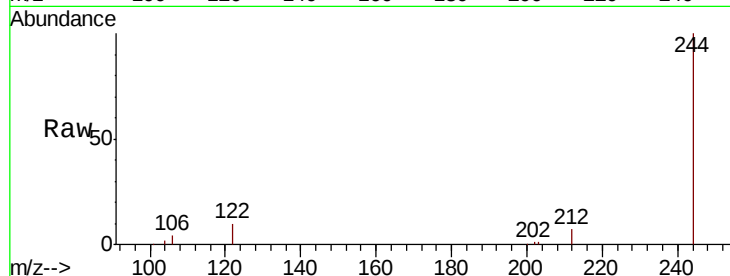
Tot Ion:244 Resp: 29234

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

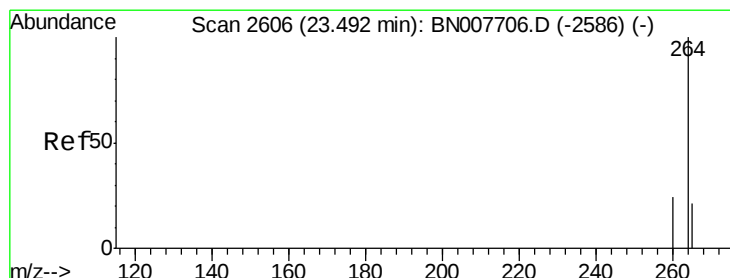
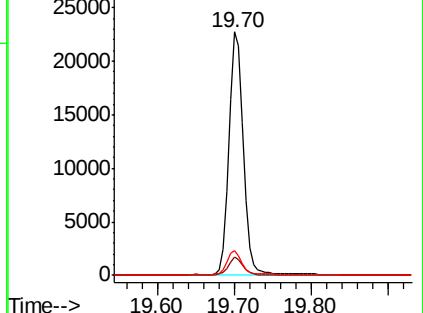
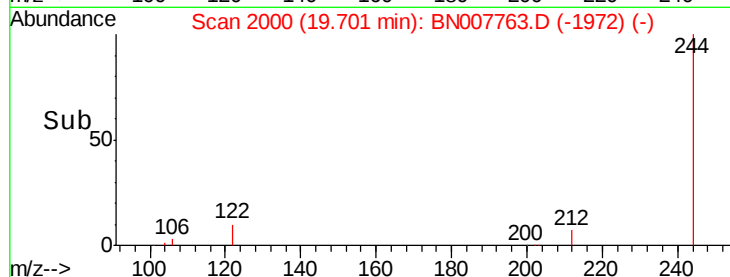
122 10.3 7.4 11.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007763.D

Acq: 20 Sep 2019 14:33

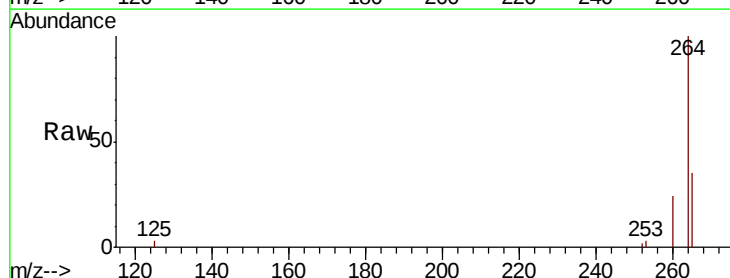
Tgt Ion:264 Resp: 31921

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 35.3 26.9 40.3



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

