

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010256.D
 Acq On : 18 Mar 2020 08:50
 Operator : CG/JU
 Sample : L1903-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20200307

Quant Time: Mar 18 09:42:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3809	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13021	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7978	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18494	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19561	0.40	ng	-0.01
34) Perylene-d12	23.36	264	23437	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	1424	0.16	ng	0.00
5) Phenol-d6	6.80	99	1129	0.10	ng	-0.02
8) Nitrobenzene-d5	8.76	82	3119	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7454	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	883	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	12096	0.43	ng	-0.01
25) Fluoranthene-d10	19.02	212	20751	0.36	ng	0.00
29) Terphenyl-d14	19.63	244	20338	0.46	ng	-0.01

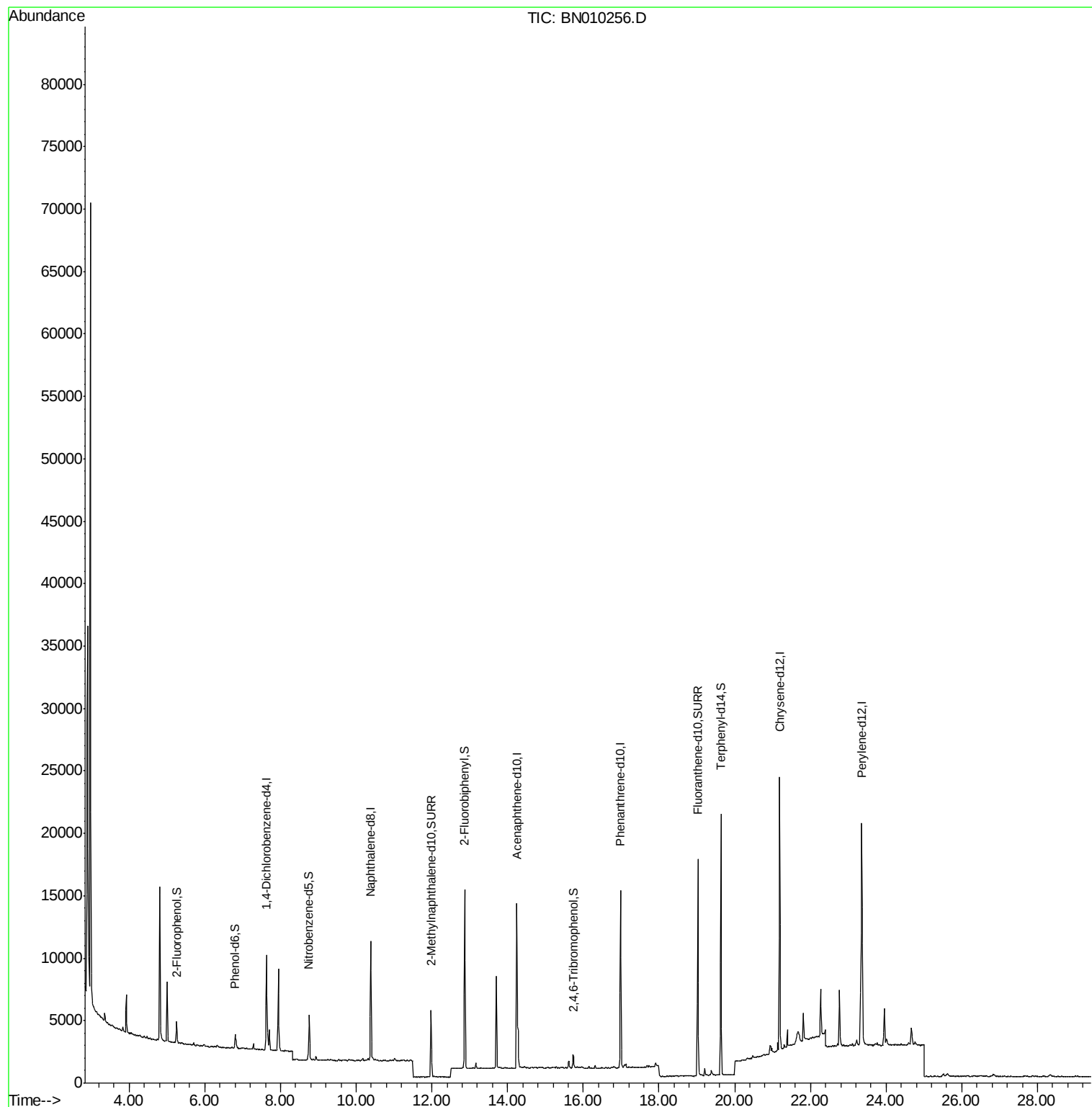
Target Compounds	Qvalue

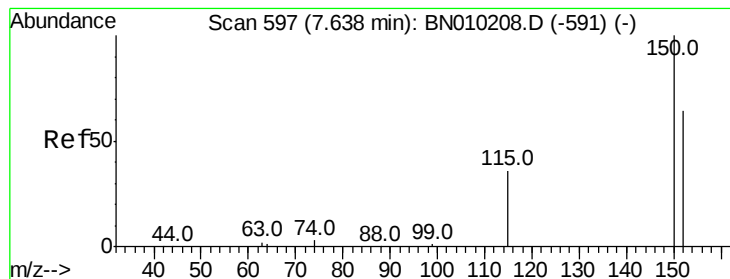
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010256.D
Acq On : 18 Mar 2020 08:50
Operator : CG/JU
Sample : L1903-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20200307

Quant Time: Mar 18 09:42:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

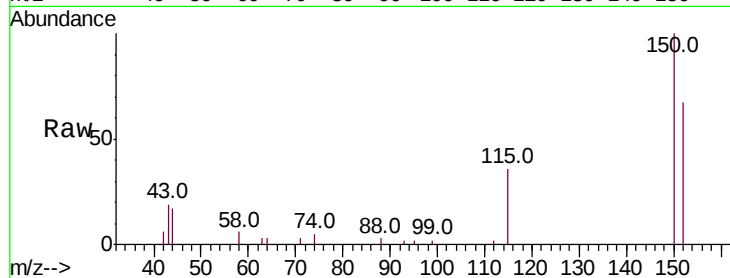
Tot Ion:152 Resp: 3809

Ion Ratio Lower Upper

152 100

150 149.2 119.5 179.3

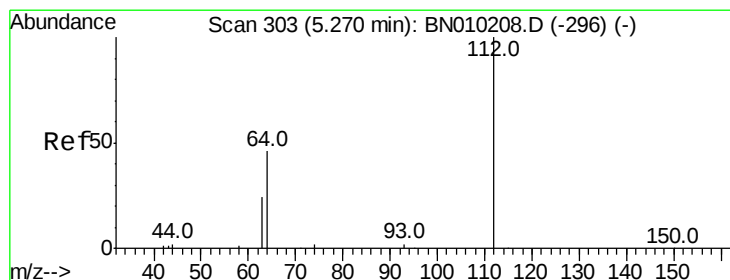
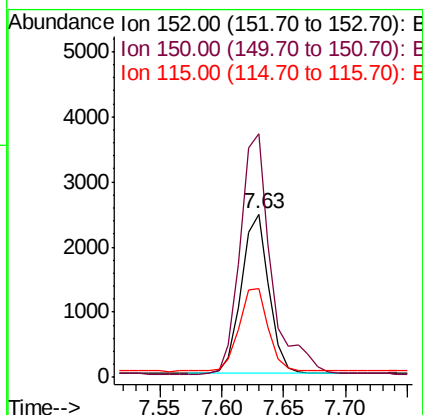
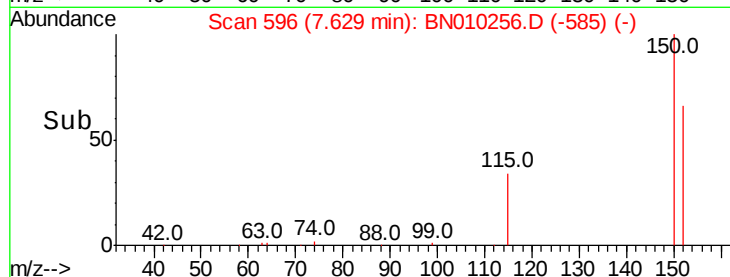
115 54.4 50.9 76.3



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: 0.159 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

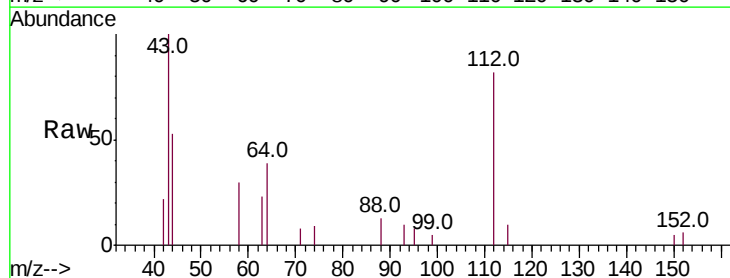
Tgt Ion:112 Resp: 1424

Ion Ratio Lower Upper

112 100

64 53.9 42.6 63.8

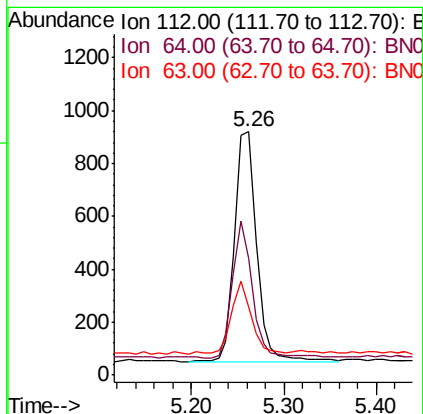
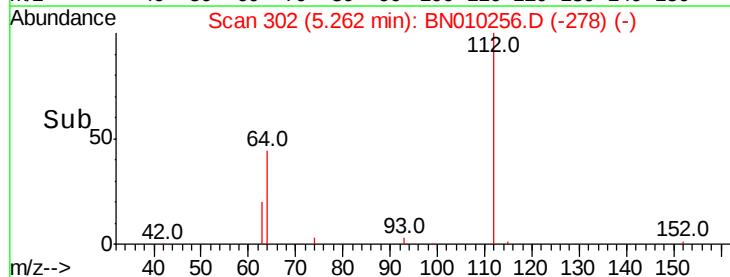
63 29.3 23.6 35.4

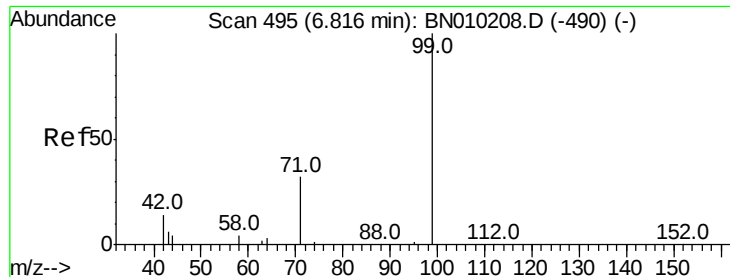


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.101 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

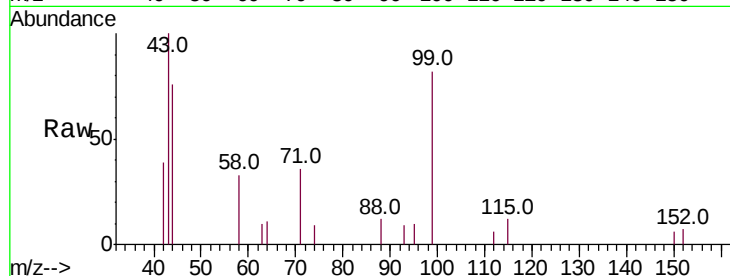
Tot Ion: 99 Resp: 1129

Ion Ratio Lower Upper

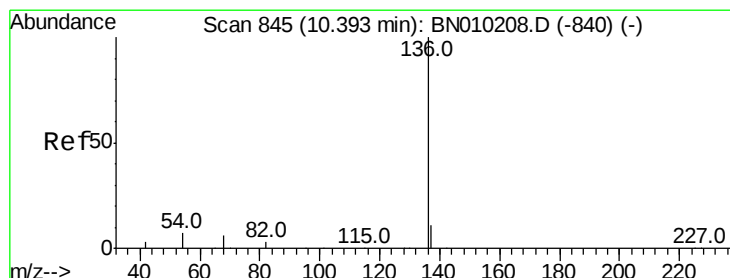
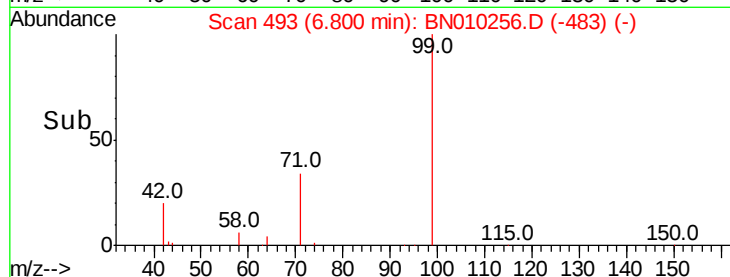
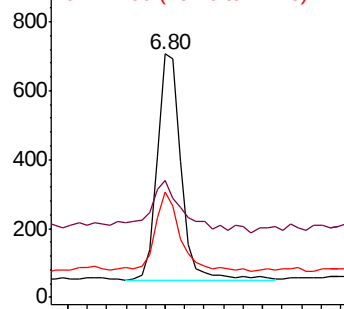
99 100

42 29.6 12.0 18.0#

71 37.7 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Tgt Ion: 136 Resp: 13021

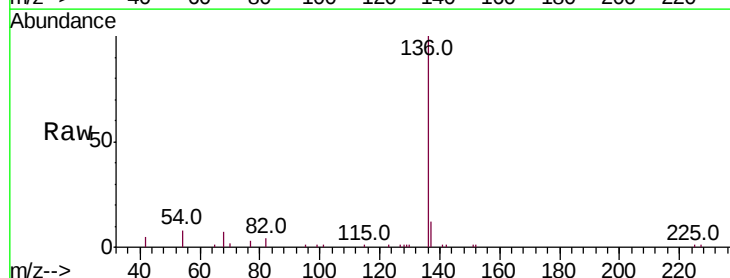
Ion Ratio Lower Upper

136 100

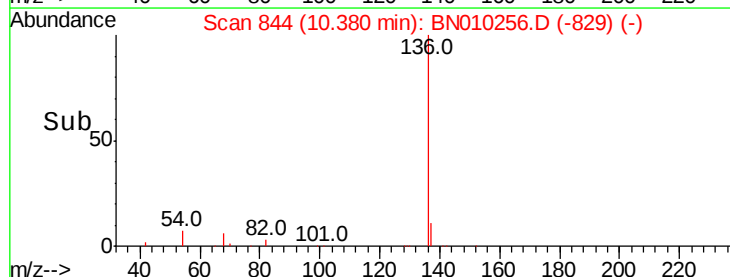
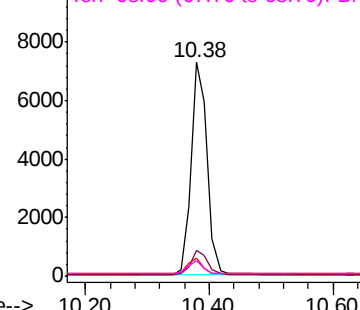
137 12.0 10.6 15.8

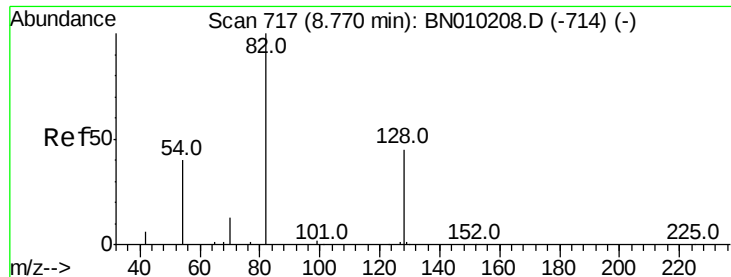
54 8.2 9.5 14.3#

68 7.1 9.7 14.5#



Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)





#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

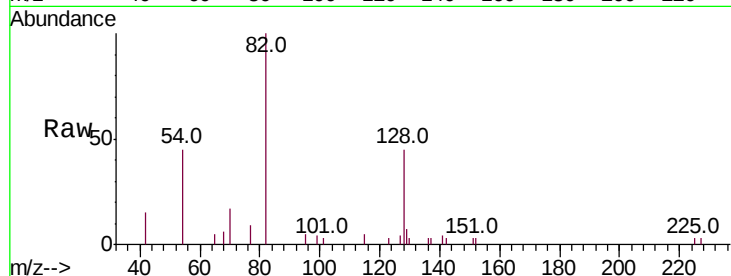
Tot Ion: 82 Resp: 3119

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.0	52.6
54	45.4	37.0	55.4

82 100

128 45.1 35.0 52.6

54 45.4 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

2500

Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

2000

Ion 54.00 (53.70 to 54.70): BN010208.D (-714) (-)

1500

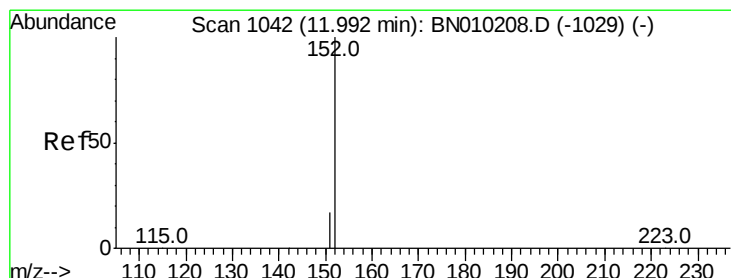
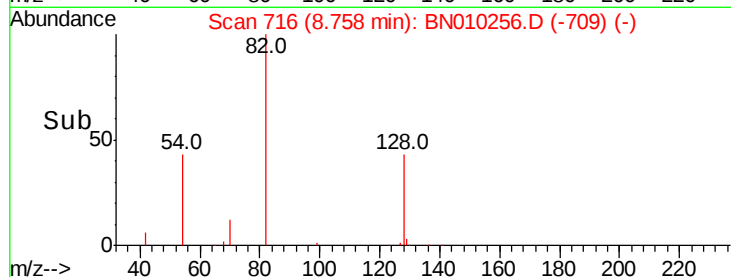
1000

500

0

8.76

Time--> 8.60 8.70 8.80 8.90



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010256.D

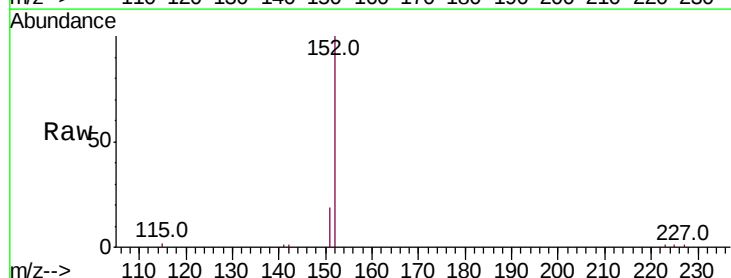
Acq: 18 Mar 2020 08:50

Tgt Ion: 152 Resp: 7454

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

152 100

151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)

5000

Ion 151.00 (150.70 to 151.70): BN010208.D (-1029) (-)

4000

3000

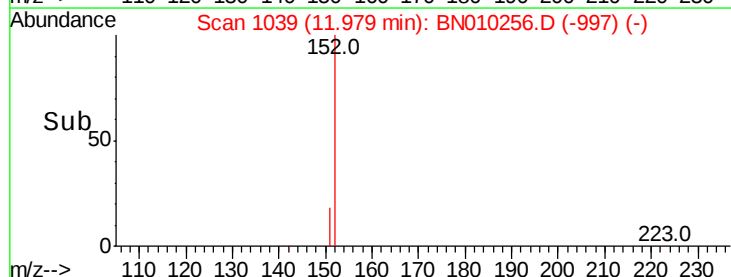
2000

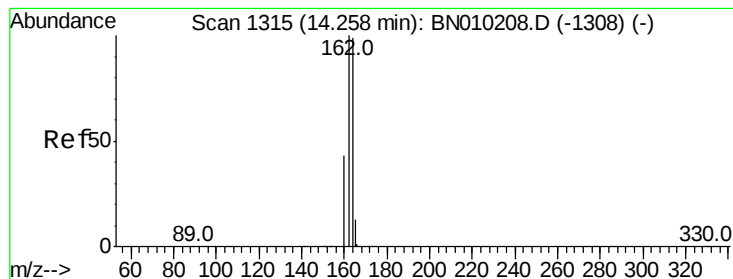
1000

0

11.98

Time--> 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

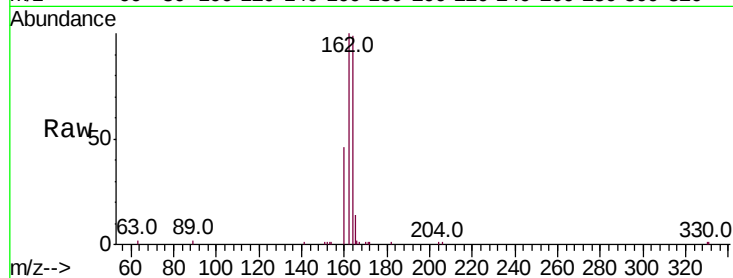
Tot Ion:164 Resp: 7978

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

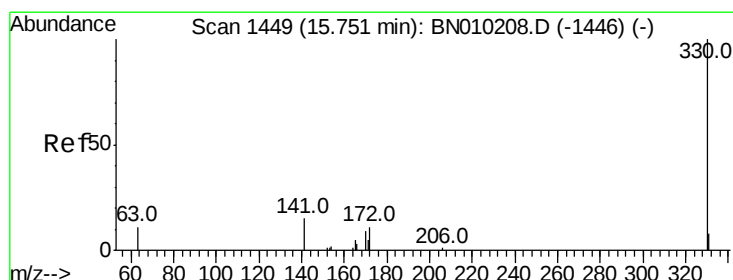
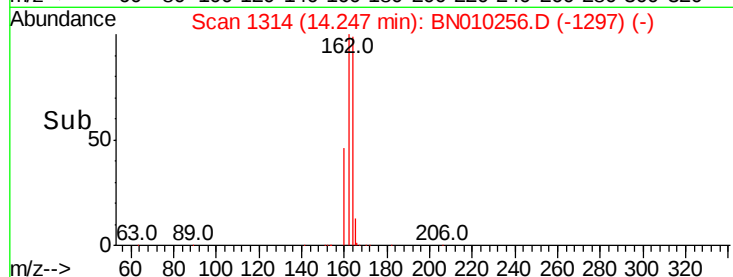
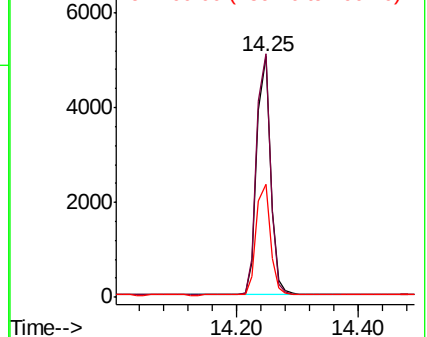
160 46.8 35.6 53.4



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: 0.309 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

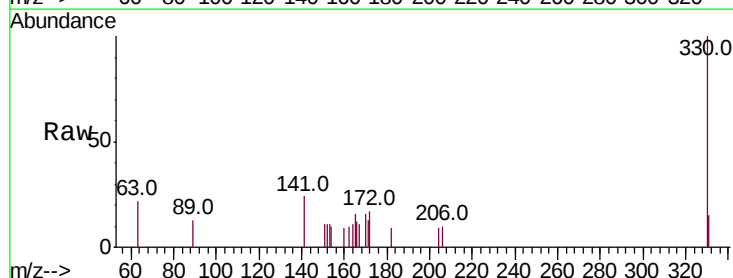
Tgt Ion:330 Resp: 883

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

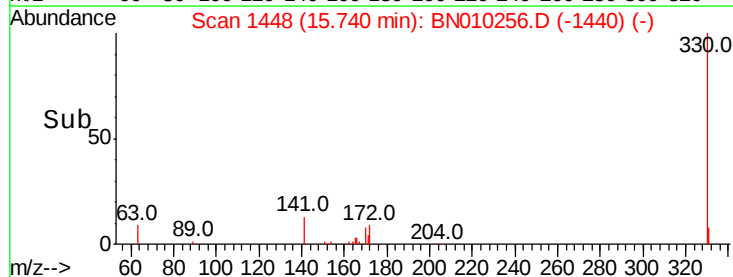
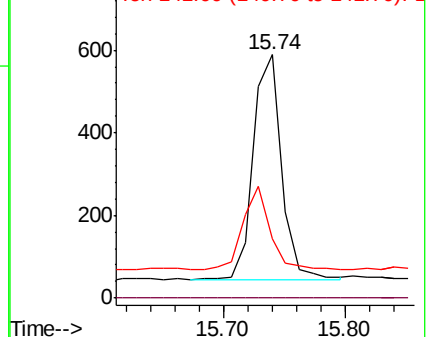
141 35.6 25.1 37.7

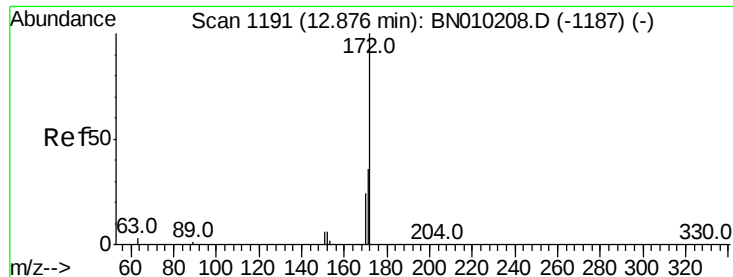


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

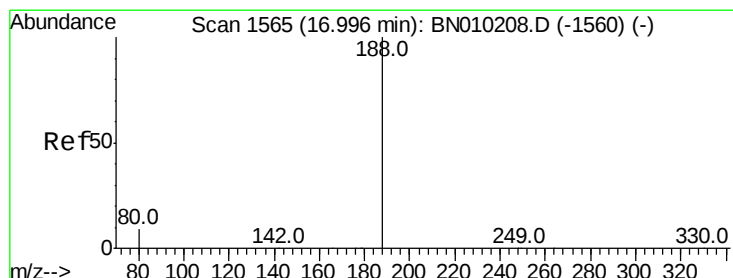
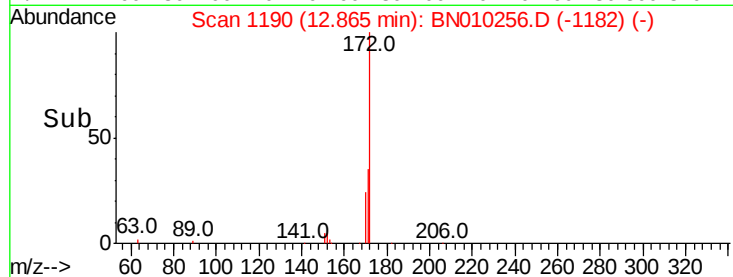
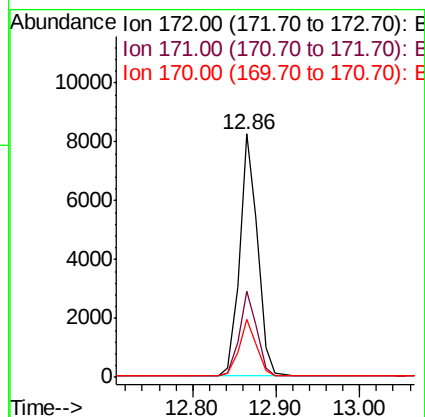
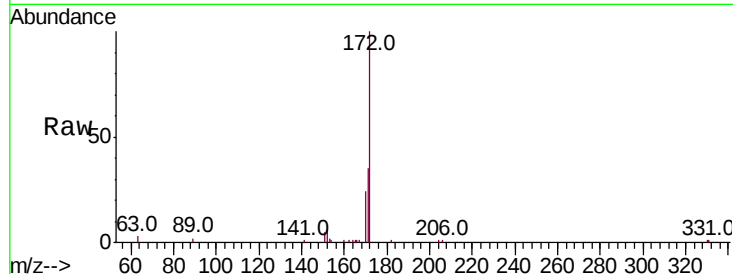




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

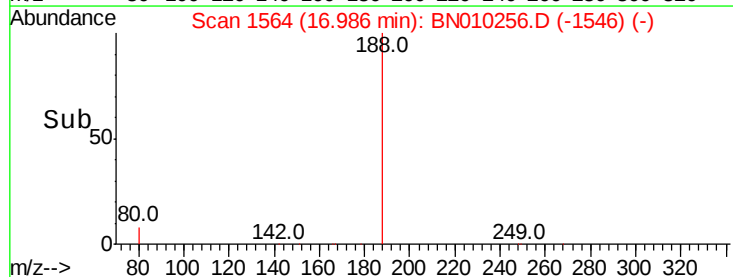
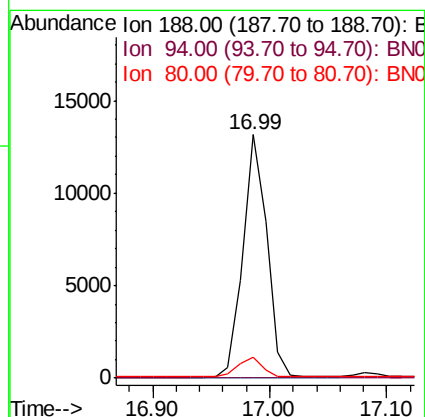
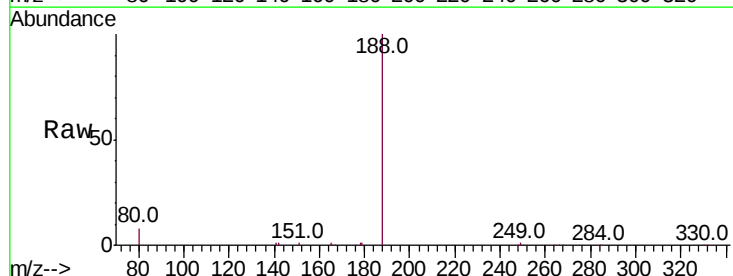
Instrument :
BNA_N
ClientSampleId :
EB02-20200307

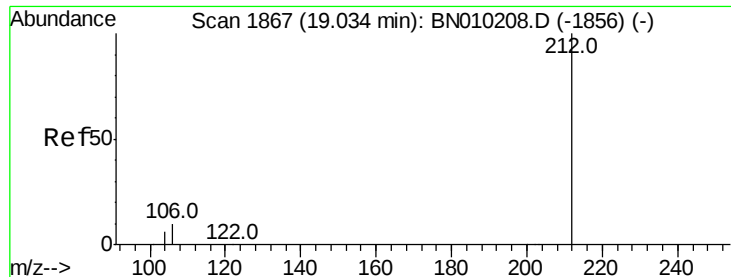
Tot Ion:172 Resp: 12096
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.2
170 24.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

Tgt Ion:188 Resp: 18494
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

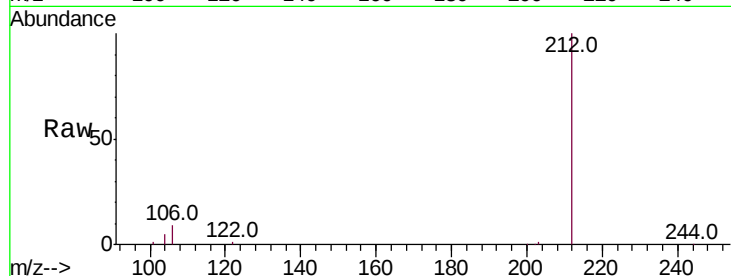
Tot Ion:212 Resp: 20751

Ion Ratio Lower Upper

212 100

106 9.7 8.1 12.1

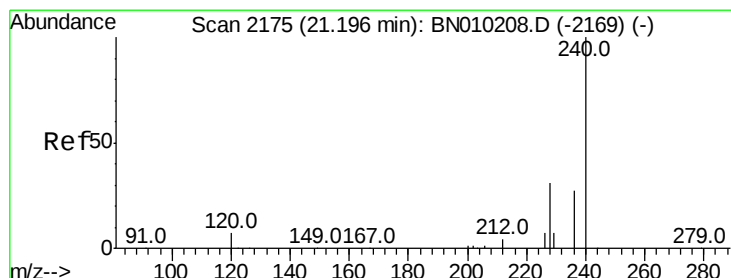
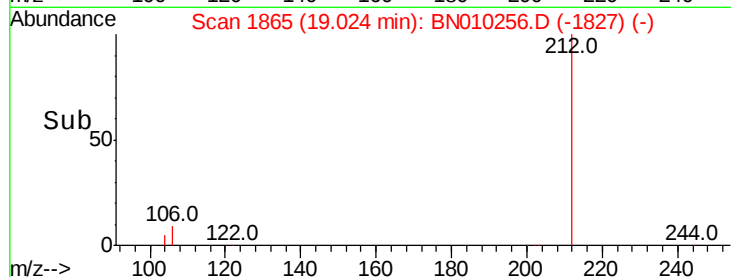
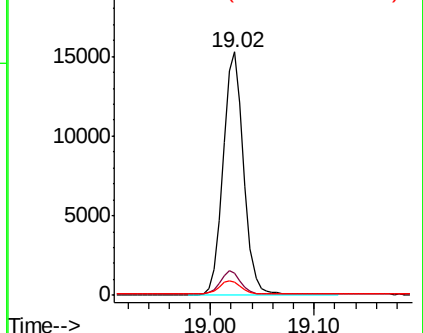
104 5.4 4.7 7.1



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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

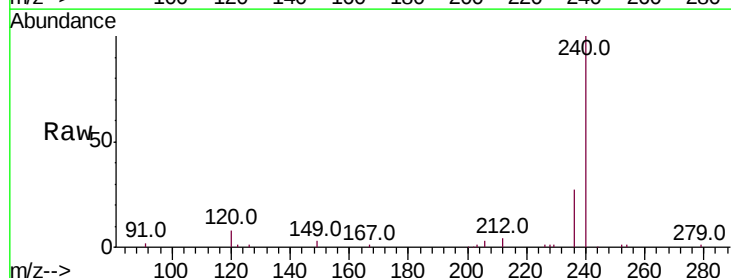
Tgt Ion:240 Resp: 19561

Ion Ratio Lower Upper

240 100

120 7.5 7.7 11.5#

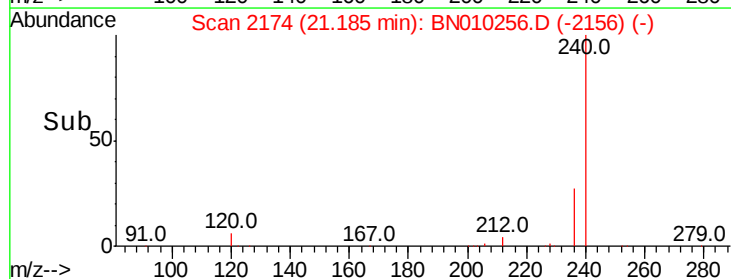
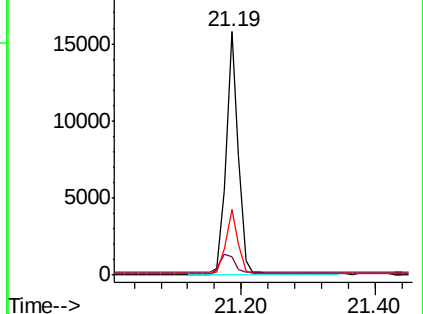
236 27.2 21.8 32.6

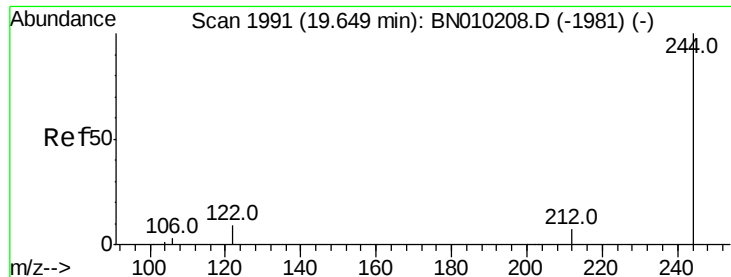


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

Instrument :

BNA_N

ClientSampleId :

EB02-20200307

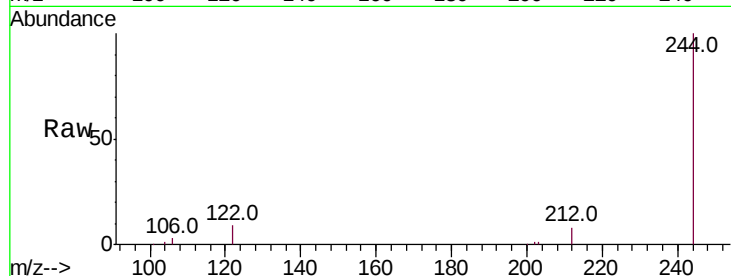
Tot Ion:244 Resp: 20338

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

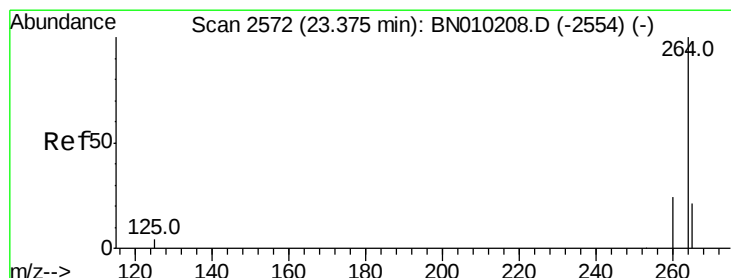
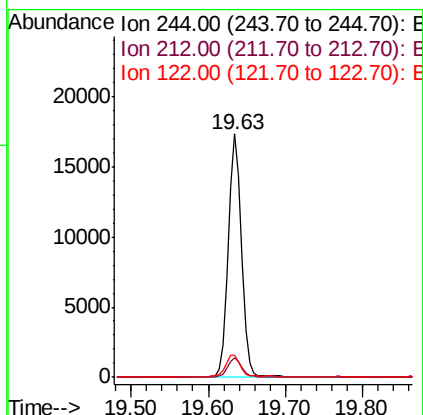
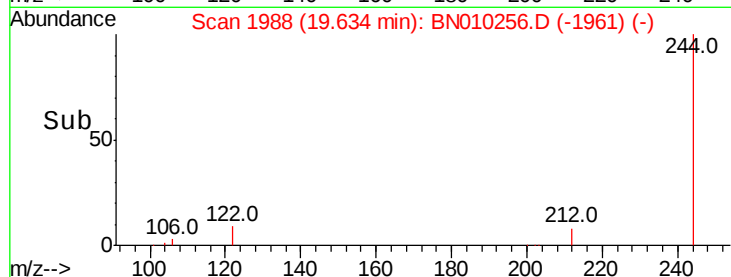
122 9.0 8.1 12.1



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: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010256.D

Acq: 18 Mar 2020 08:50

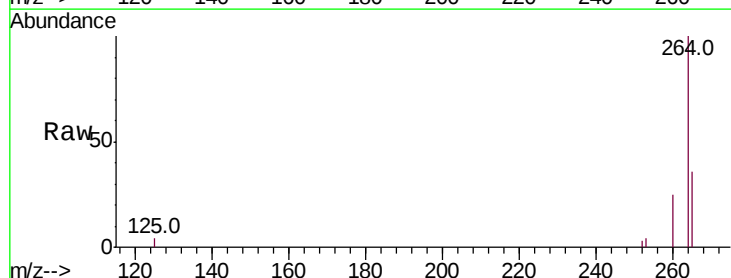
Tgt Ion:264 Resp: 23437

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 36.1 25.8 38.6



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

