

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 :

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

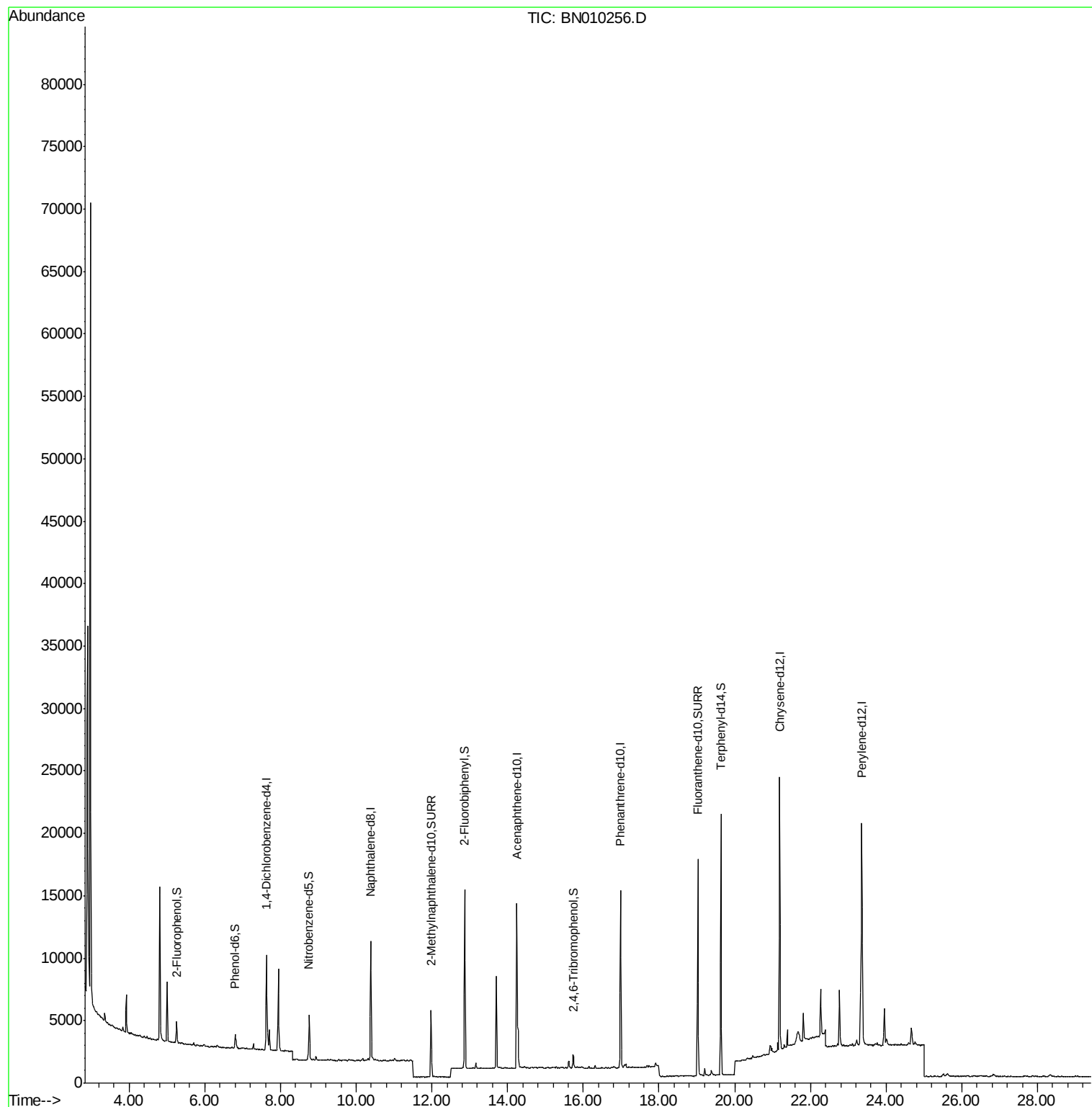
Target Compounds	Qvalue

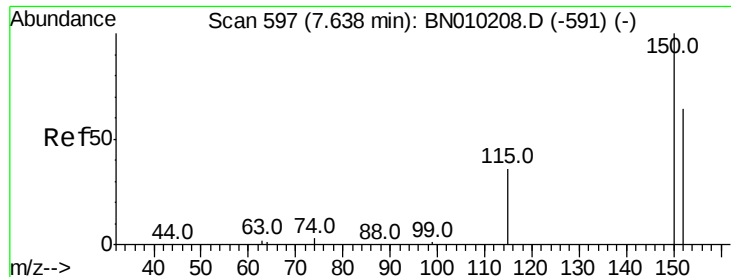
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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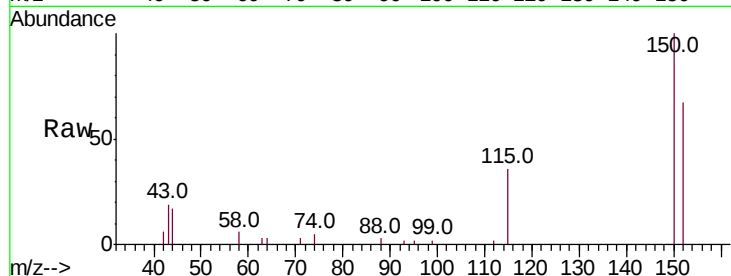


#1

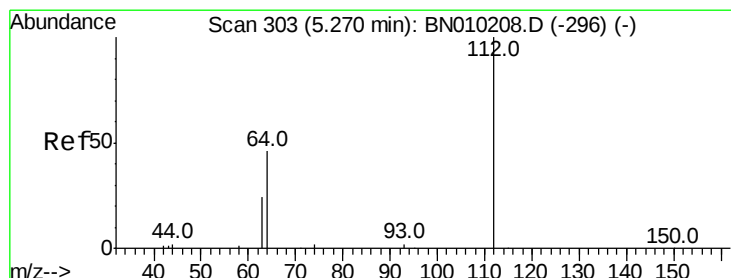
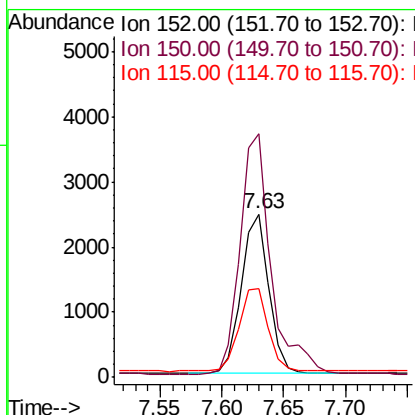
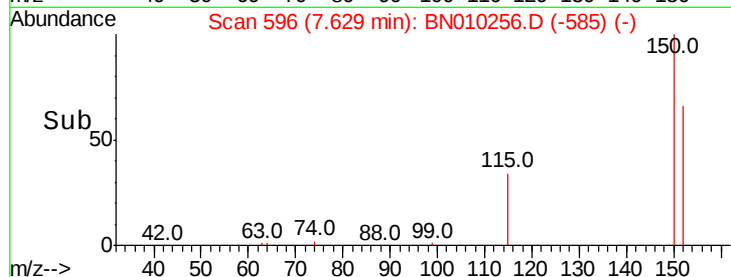
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	54.4	50.9	76.3



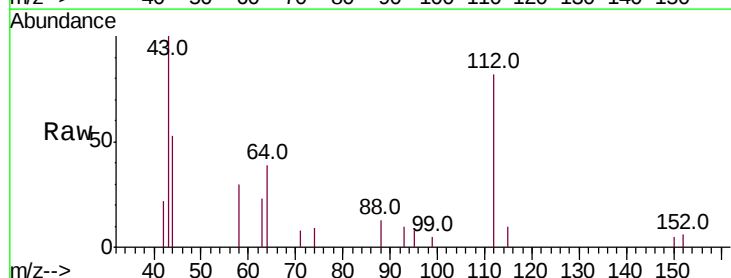
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



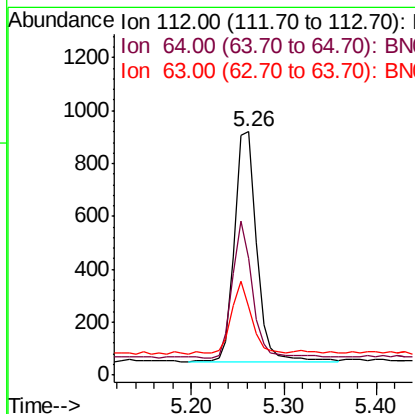
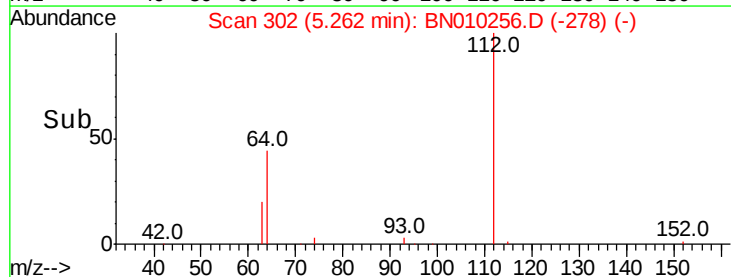
#4

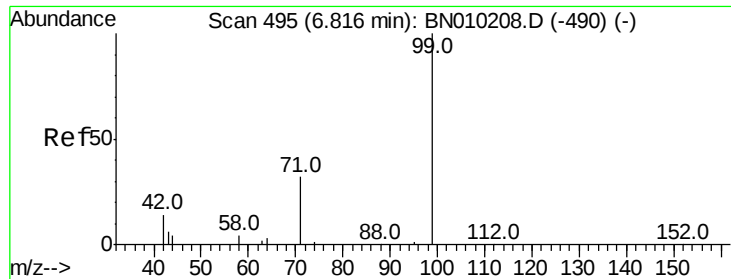
2-Fluorophenol
Concen: 0.159 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

Tgt Ion	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 :

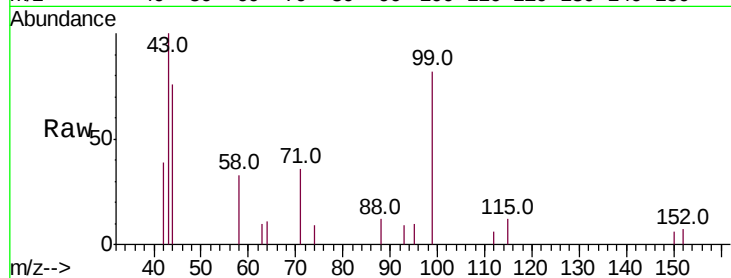
Tot Ion: 99 Resp: 1129

Ion Ratio Lower Upper

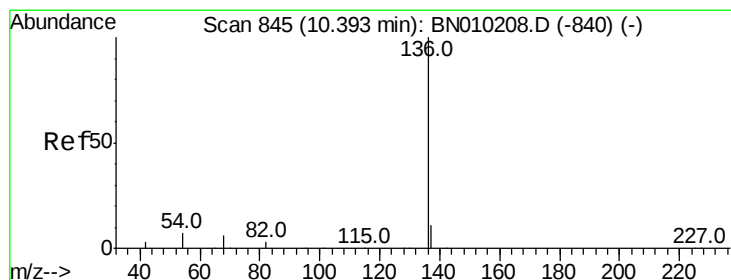
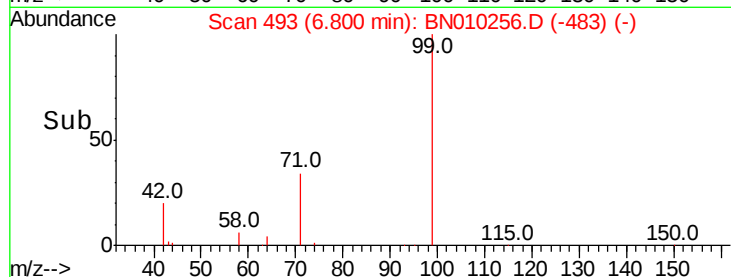
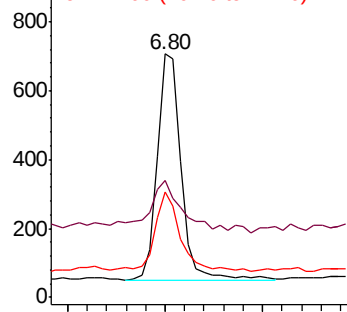
99 100

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

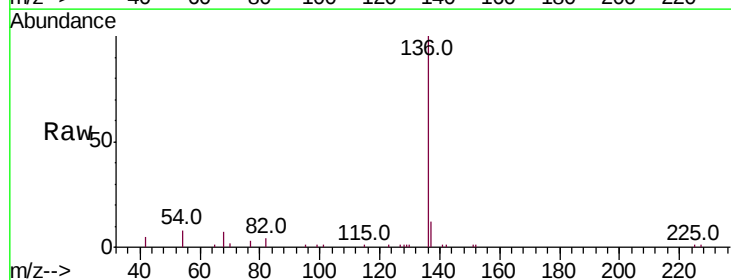
Ion Ratio Lower Upper

136 100

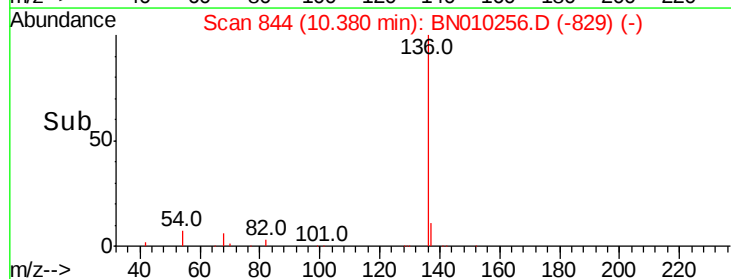
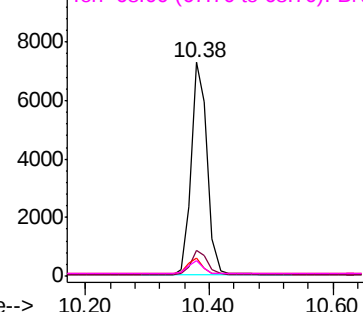
137 12.0 10.6 15.8

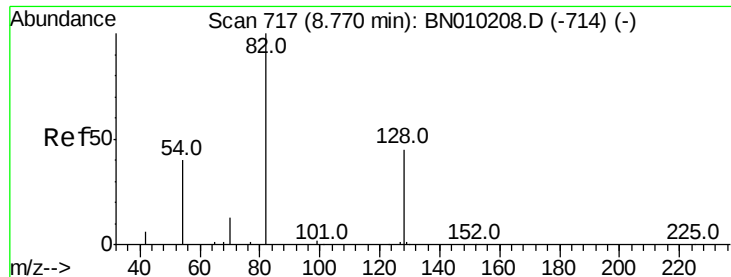
54 8.2 9.5 14.3#

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 :

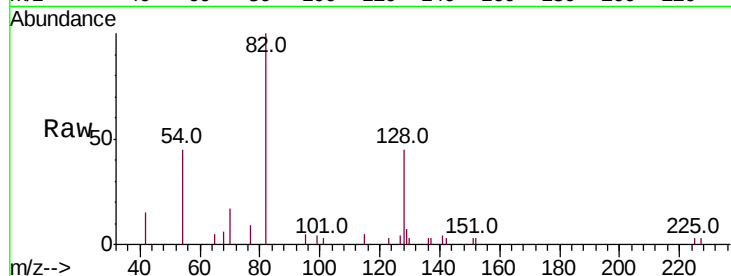
Tot Ion: 82 Resp: 3119

Ion Ratio Lower Upper

82 100

128 45.1 35.0 52.6

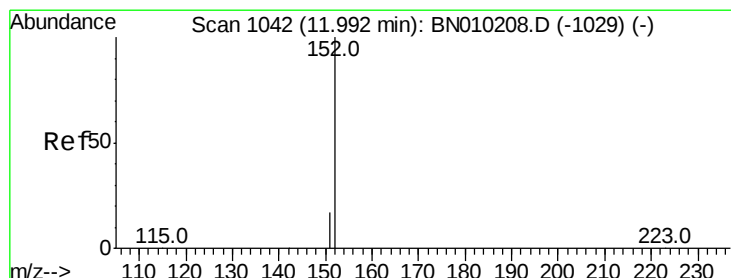
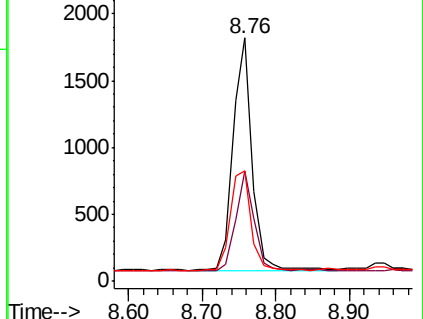
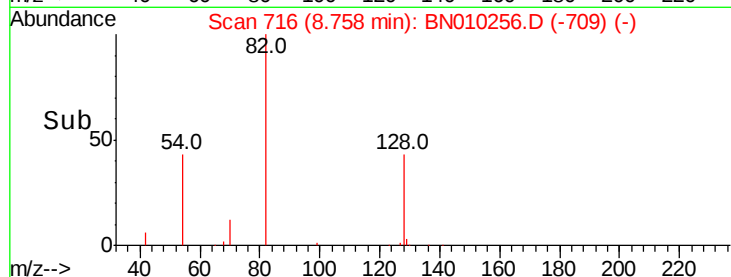
54 45.4 37.0 55.4



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

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

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



#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010256.D

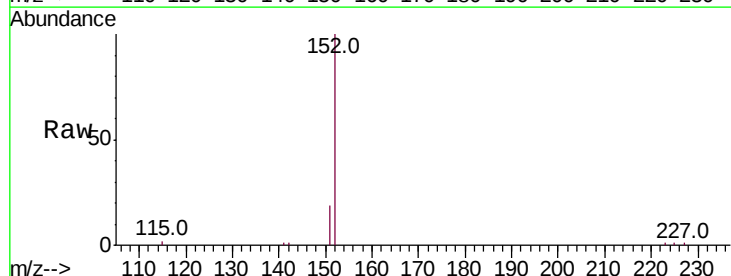
Acq: 18 Mar 2020 08:50

Tgt Ion: 152 Resp: 7454

Ion Ratio Lower Upper

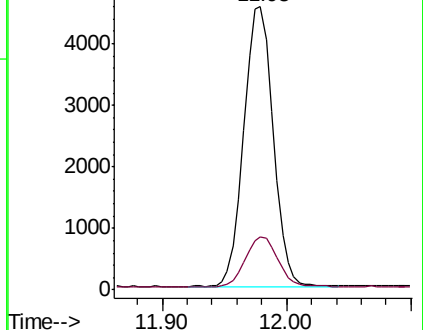
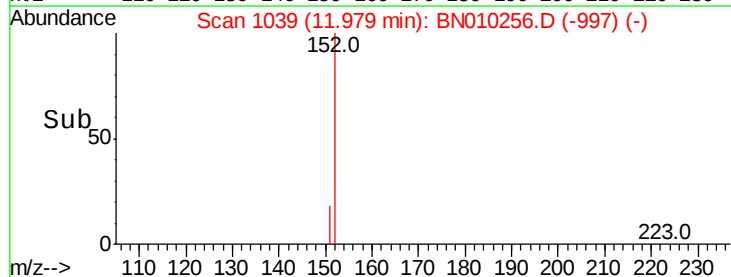
152 100

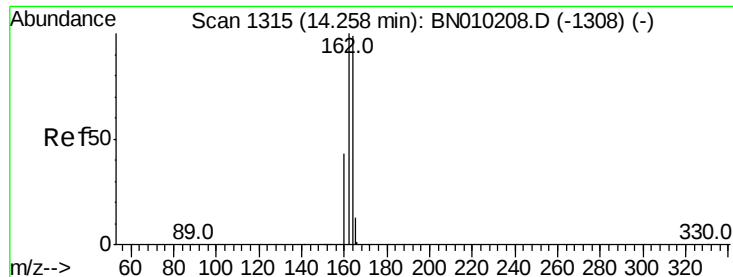
151 19.4 15.0 22.6



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

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





#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 :

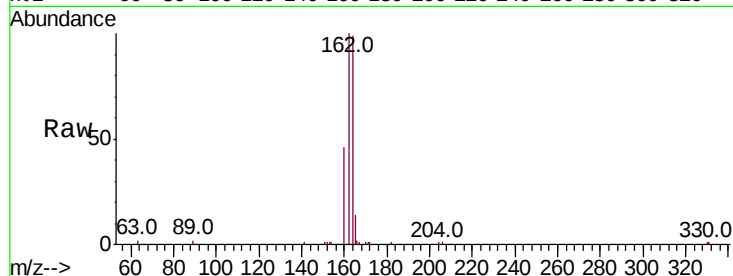
Tot Ion:164 Resp: 7978

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

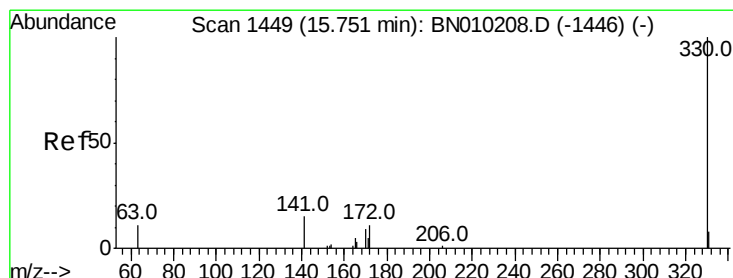
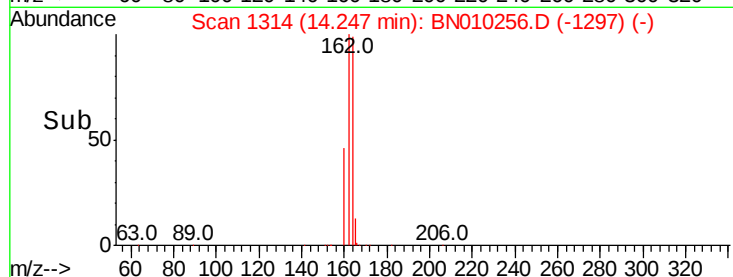
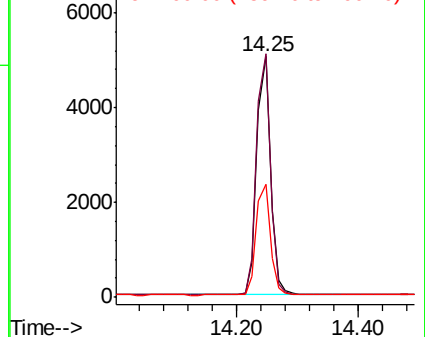
160 46.8 35.6 53.4



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

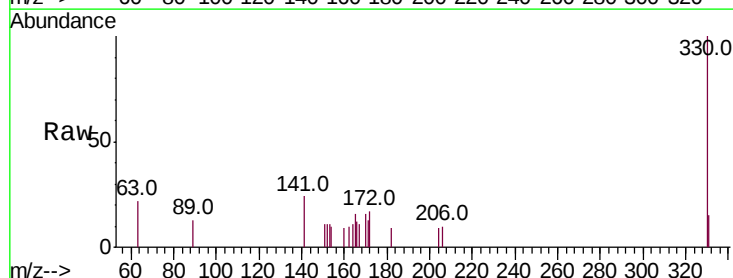
Tgt Ion:330 Resp: 883

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

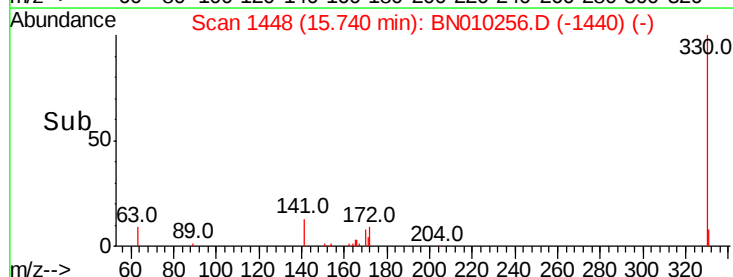
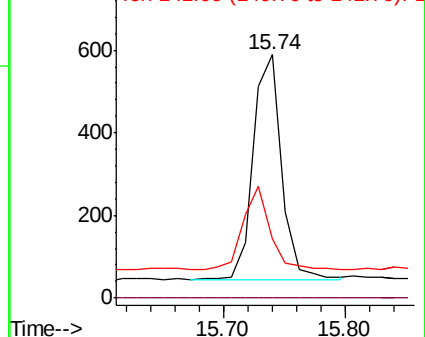
141 35.6 25.1 37.7

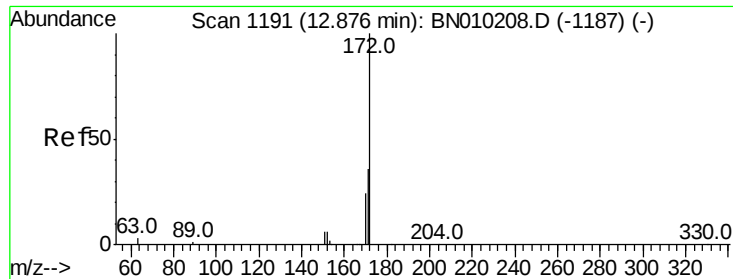


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

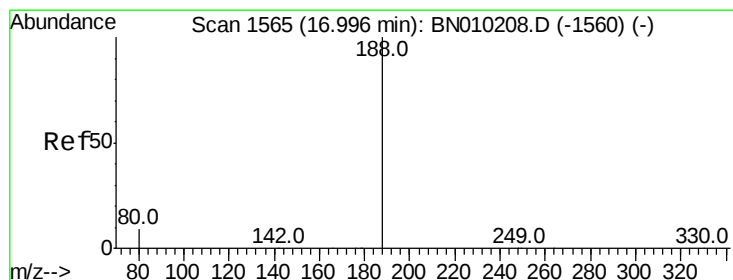
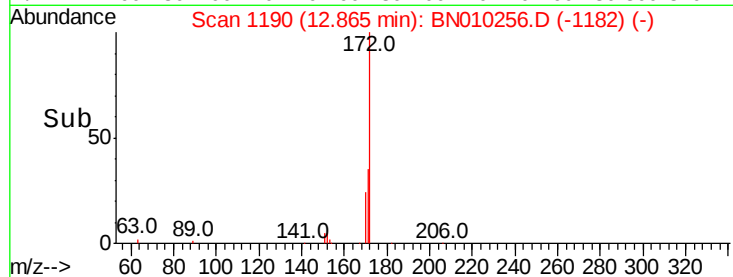
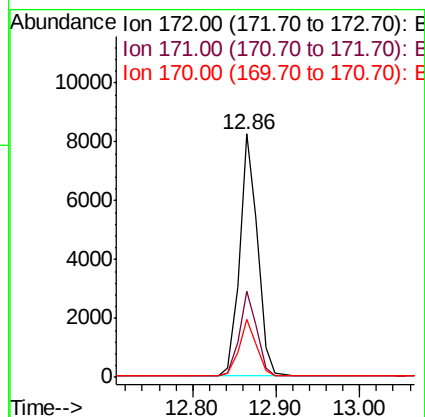
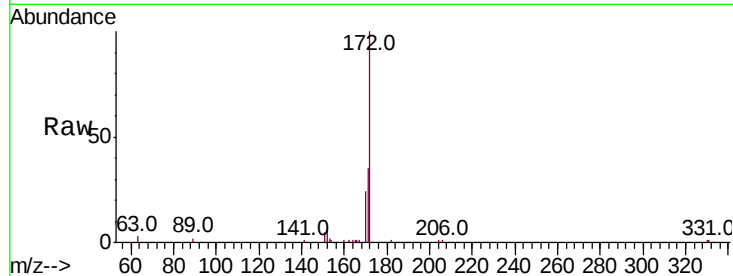




#15
 2-Fluorobiphenyl
 Concen: 0.426 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010256.D
 Acq: 18 Mar 2020 08:50

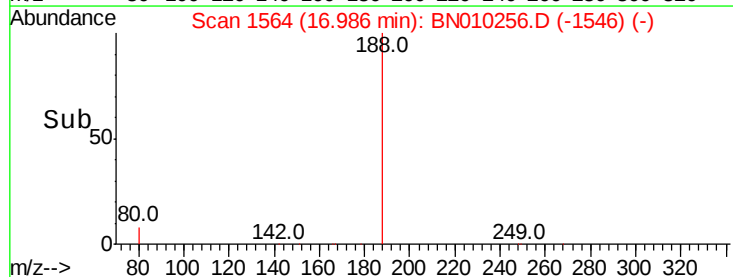
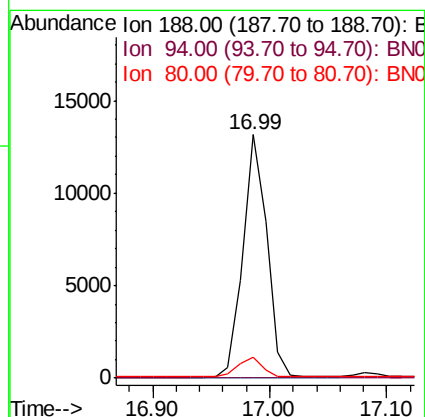
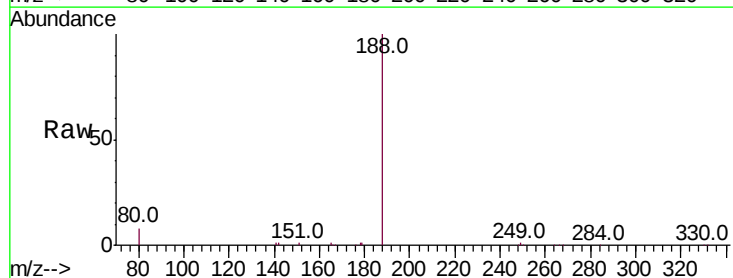
Instrument :
 BNA_N
 ClientSampled :

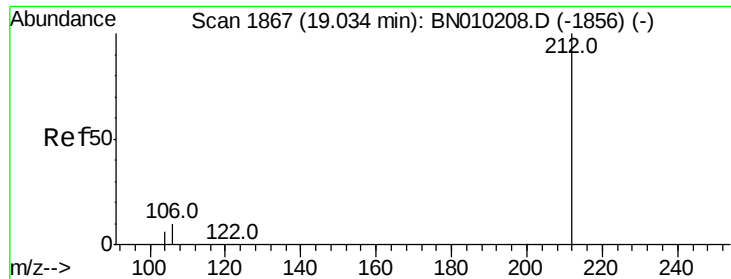
Tot Ion:172 Resp: 12096
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 24.0 20.2 30.4



#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#

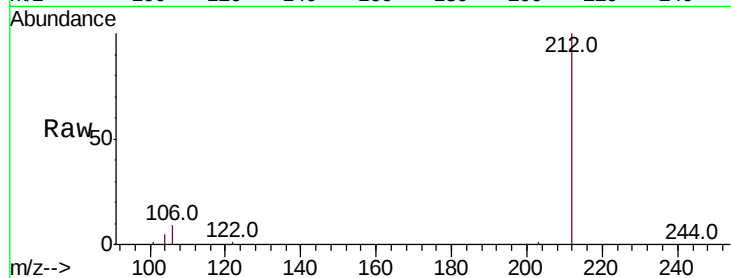




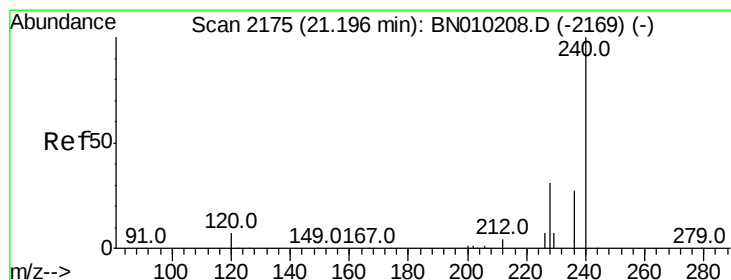
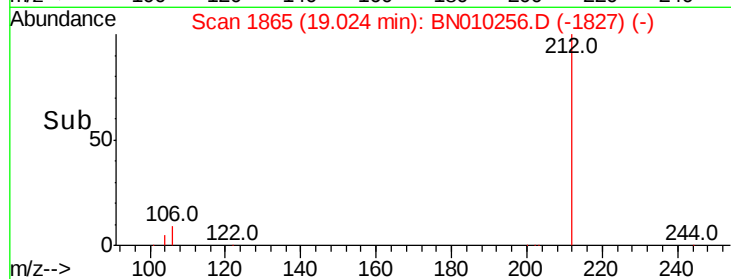
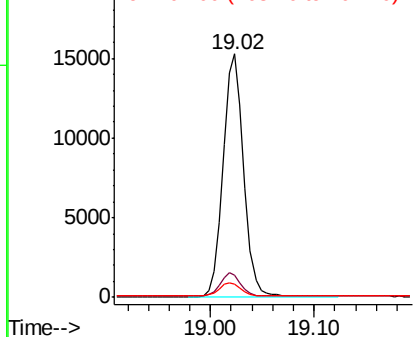
#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

Instrument :
BNA_N
ClientSampleId :

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

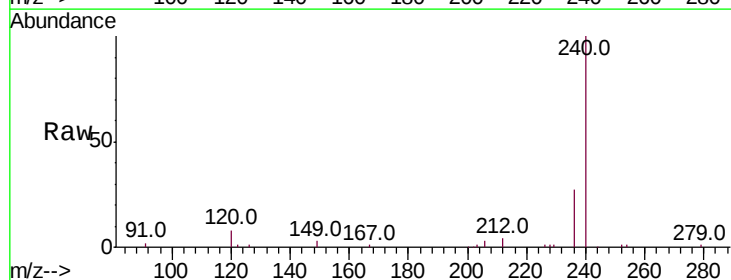


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

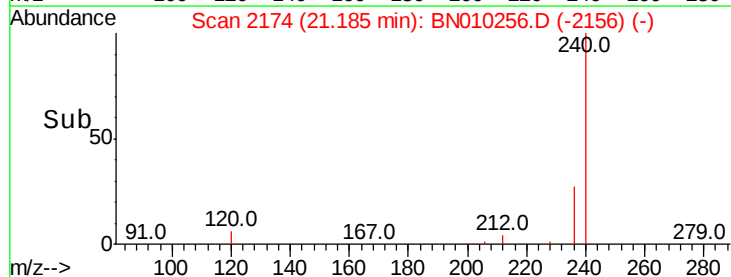
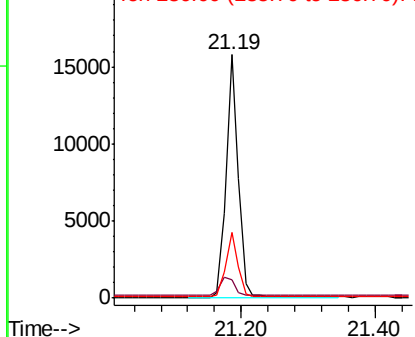


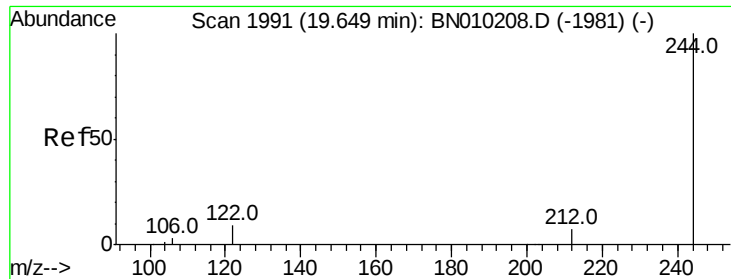
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010256.D
Acq: 18 Mar 2020 08:50

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 :

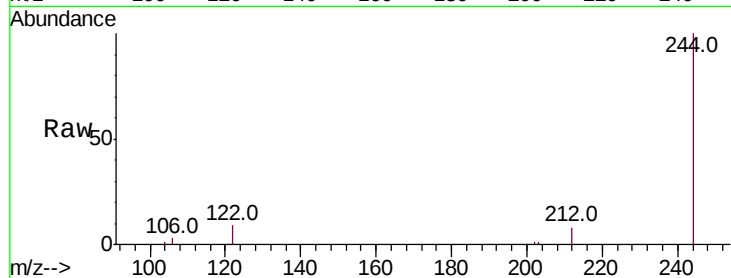
Tot Ion:244 Resp: 20338

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

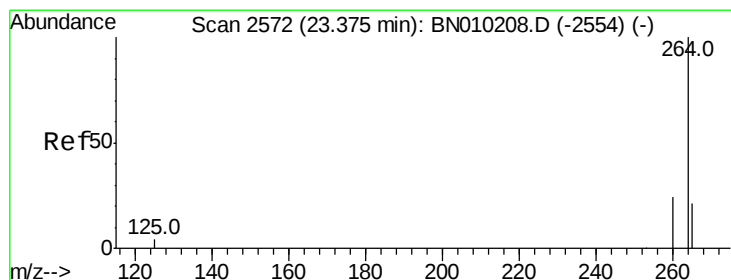
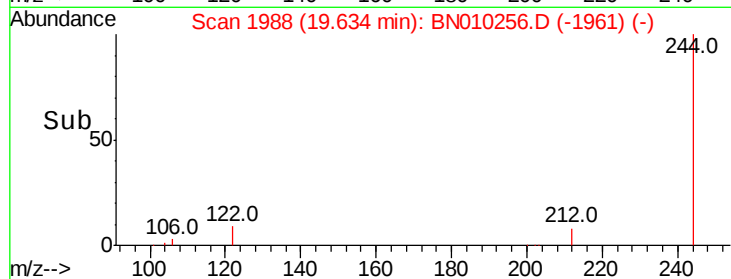
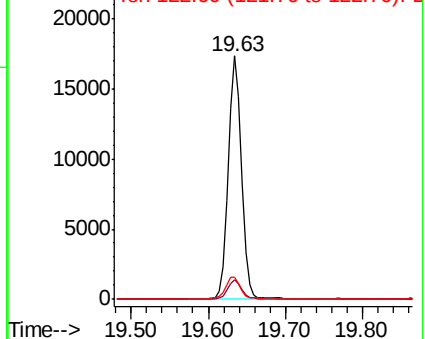
122 9.0 8.1 12.1



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

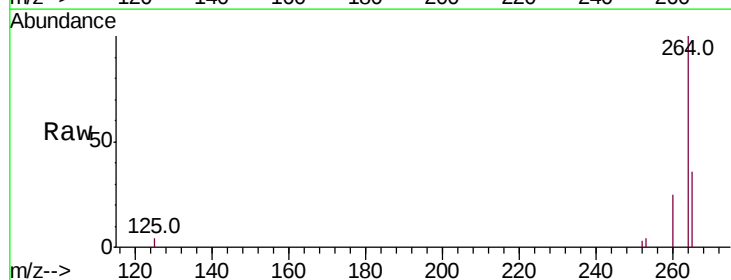
Tgt Ion:264 Resp: 23437

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

