

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009784.D
 Acq On : 19 Feb 2020 19:10
 Operator : CG/JU
 Sample : PB126695BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126695BL

Quant Time: Feb 20 04:33:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1125	0.40	ng	0.00
7) Naphthalene-d8	10.20	136	3714	0.40	ng	0.03
13) Acenaphthene-d10	14.07	164	2298	0.40	ng	0.01
19) Phenanthrene-d10	16.83	188	5354	0.40	ng	0.01
27) Chrysene-d12	21.03	240	5420	0.40	ng	-0.01
34) Perylene-d12	23.14	264	5538	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.08	112	1184	0.47	ng	0.00
5) Phenol-d6	6.67	99	1136	0.37	ng	0.02
8) Nitrobenzene-d5	8.63	82	1201	0.39	ng	0.04
11) 2-Methylnaphthalene-d10	11.80	152	2239	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.60	330	338	0.38	ng	0.01
15) 2-Fluorobiphenyl	12.69	172	4071	0.47	ng	0.00
25) Fluoranthene-d10	18.85	212	6317	0.34	ng	0.00
29) Terphenyl-d14	19.47	244	6189	0.48	ng	0.00

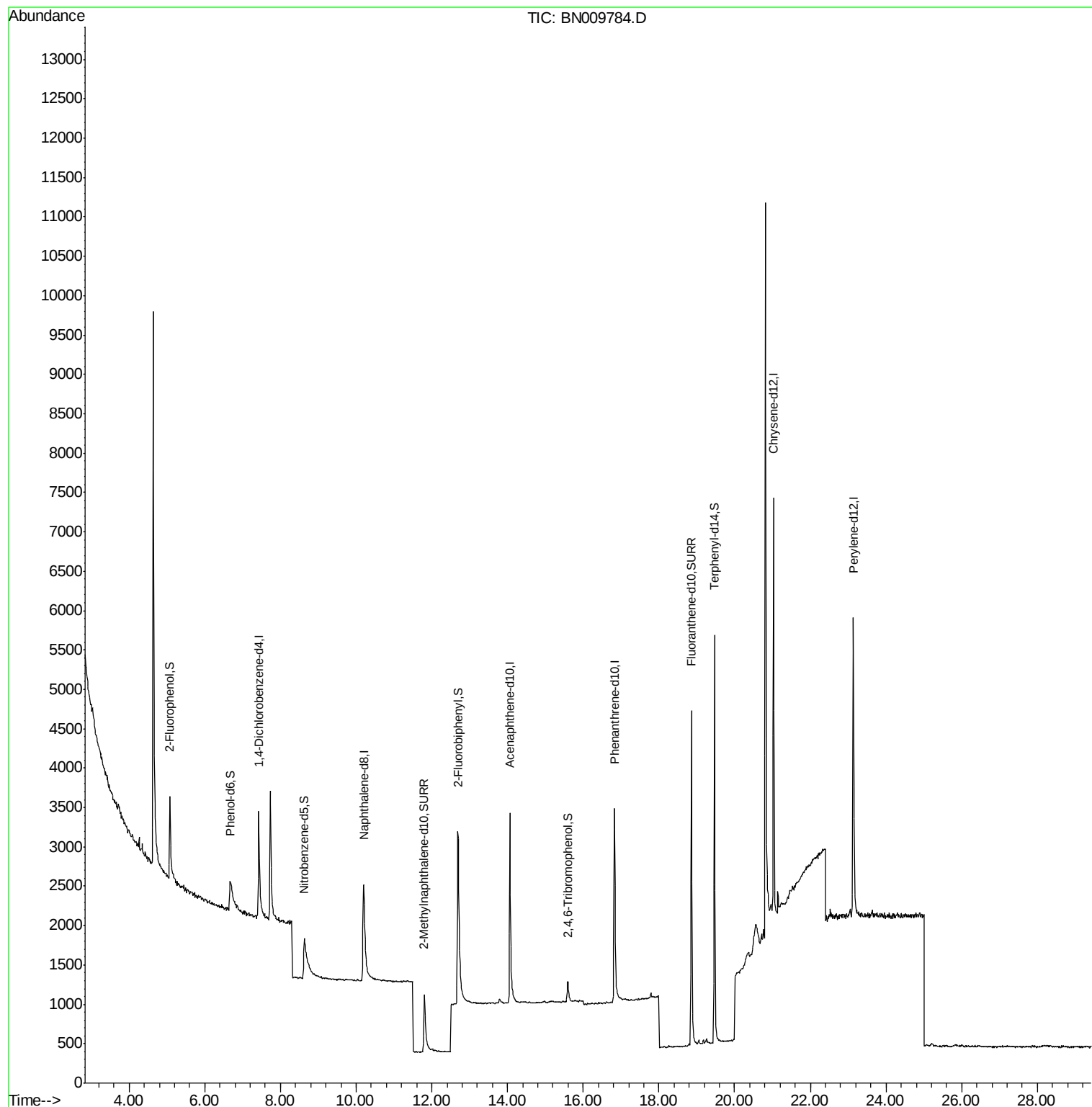
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009784.D
Acq On : 19 Feb 2020 19:10
Operator : CG/JU
Sample : PB126695BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB126695BL

Quant Time: Feb 20 04:33:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



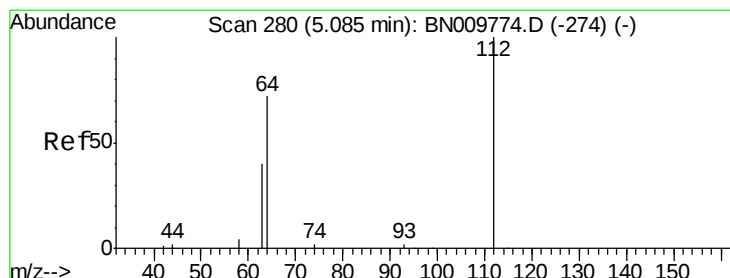
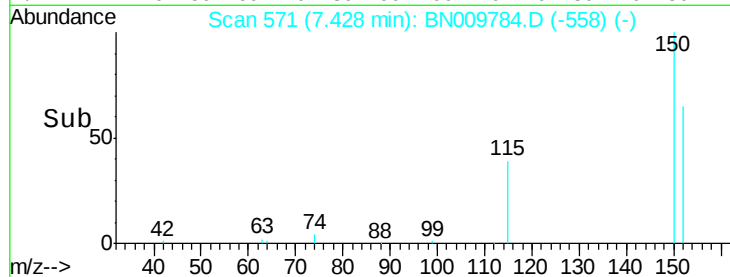
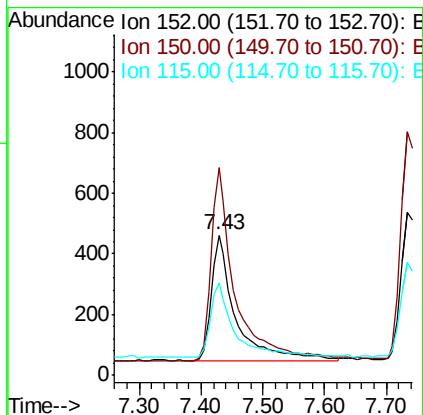
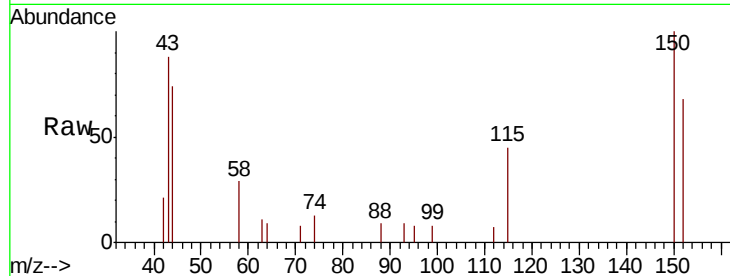


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.01 min
Lab File: BN009784.D
Acq: 19 Feb 2020 19:10

Instrument :
BNA_N
ClientSampleId :
PB126695BL

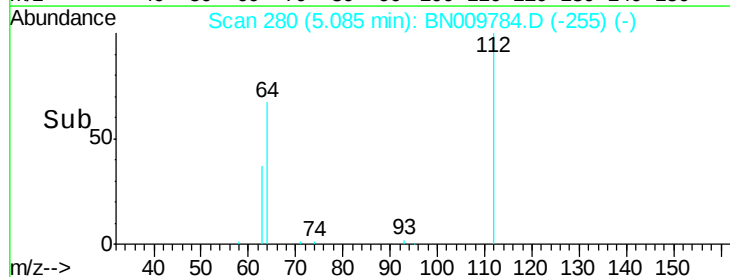
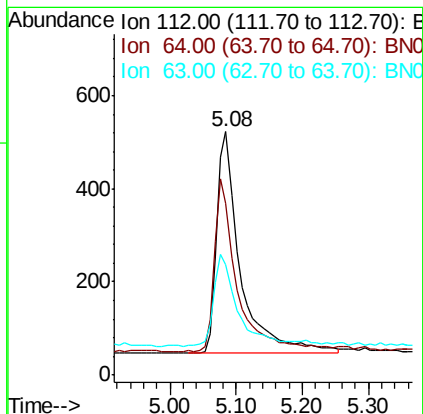
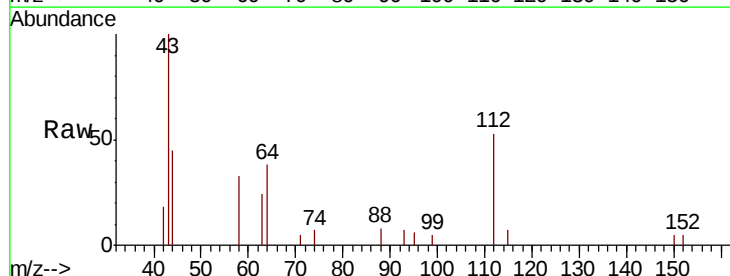
Tot Ion:152 Resp: 1125
Ion Ratio Lower Upper
152 100
150 148.1 120.6 181.0
115 66.5 51.2 76.8

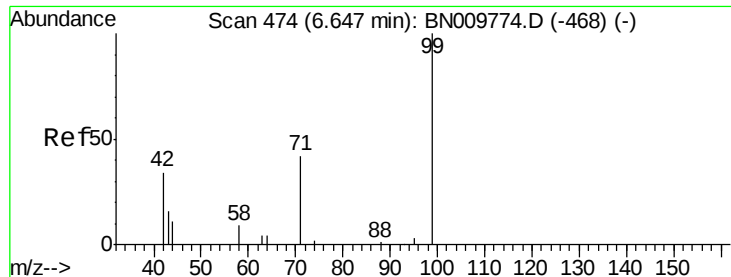


#4

2-Fluorophenol
Concen: 0.473 ng
RT: 5.08 min Scan# 280
Delta R.T. -0.00 min
Lab File: BN009784.D
Acq: 19 Feb 2020 19:10

Tgt Ion:112 Resp: 1184
Ion Ratio Lower Upper
112 100
64 75.9 65.8 98.6
63 40.8 38.7 58.1





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.67 min Scan# 477

Delta R.T. 0.02 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

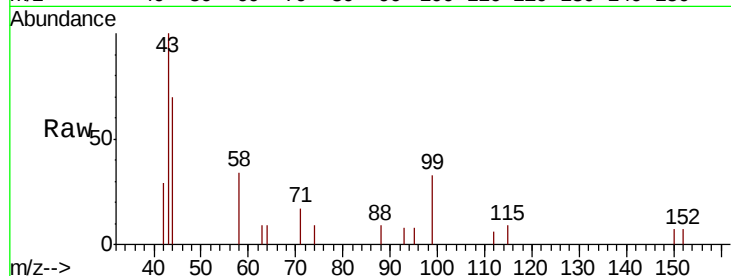
Tot Ion: 99 Resp: 1136

Ion Ratio Lower Upper

99 100

42 30.9 30.8 46.2

71 39.8 34.9 52.3

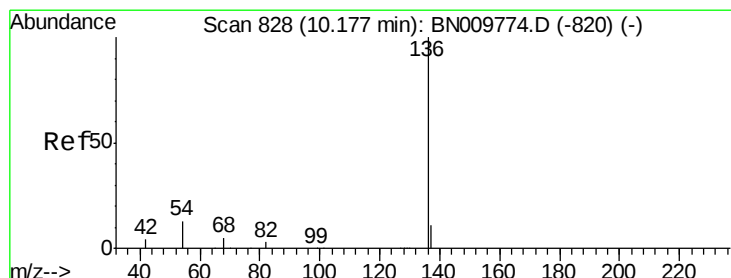
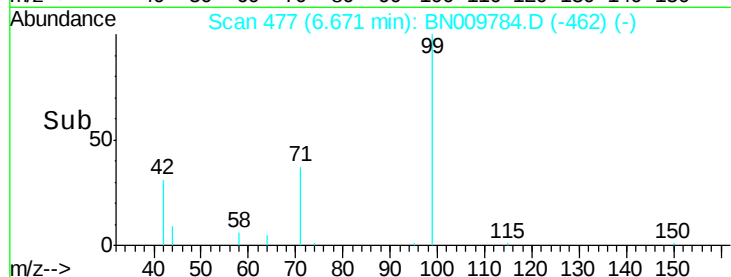
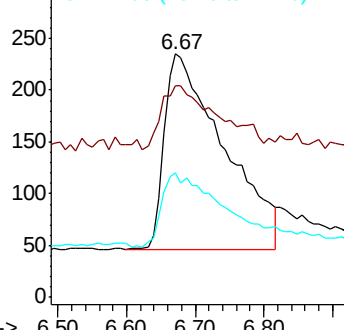


Abundance

Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.03 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Tgt Ion: 136 Resp: 3714

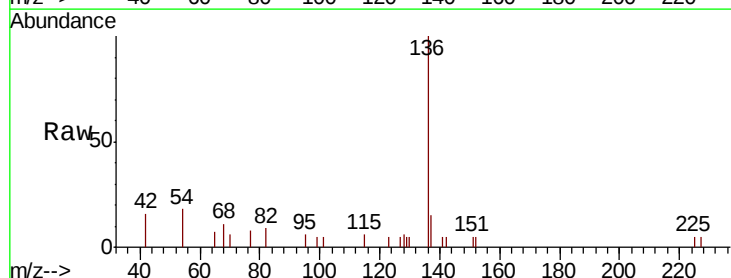
Ion Ratio Lower Upper

136 100

137 14.9 11.3 16.9

54 18.2 13.4 20.2

68 10.6 7.0 10.4#



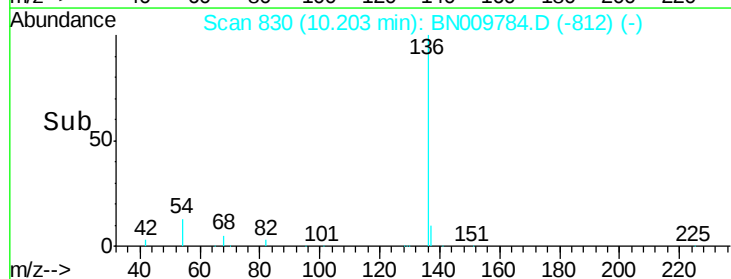
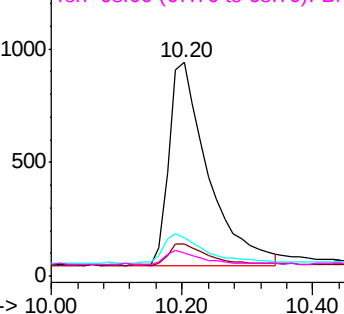
Abundance

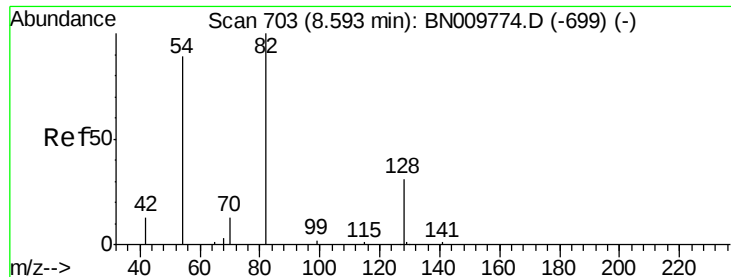
Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

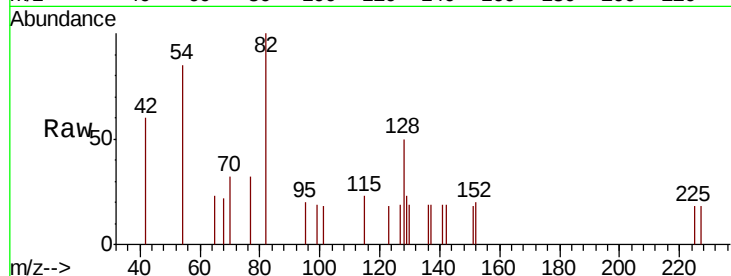
Tot Ion: 82 Resp: 1201

Ion Ratio Lower Upper

82 100

128 50.2 32.5 48.7#

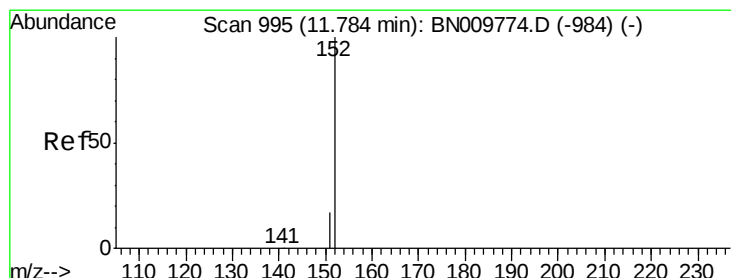
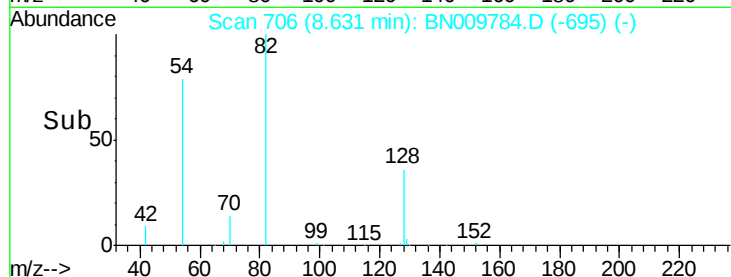
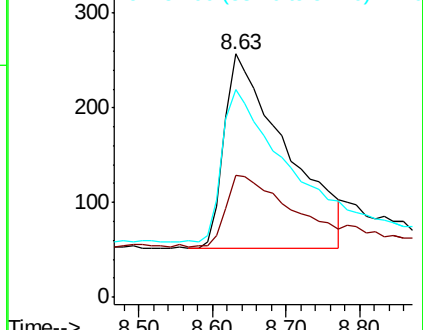
54 85.2 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 11.80 min Scan# 999

Delta R.T. 0.02 min

Lab File: BN009784.D

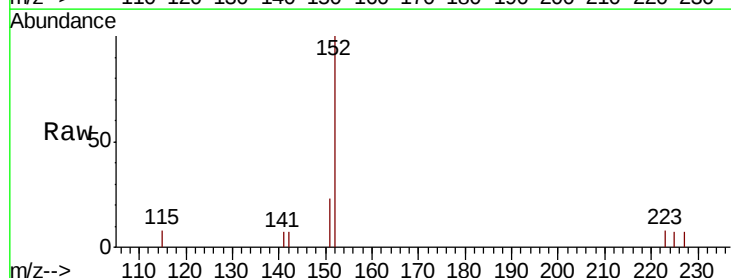
Acq: 19 Feb 2020 19:10

Tgt Ion: 152 Resp: 2239

Ion Ratio Lower Upper

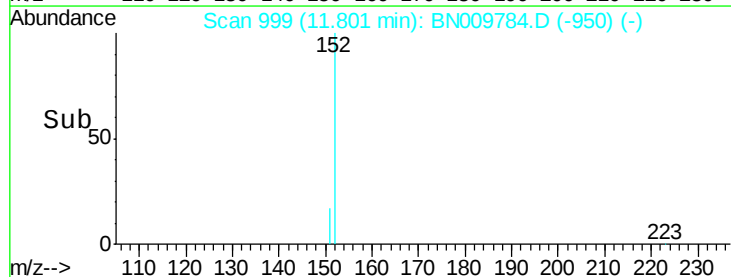
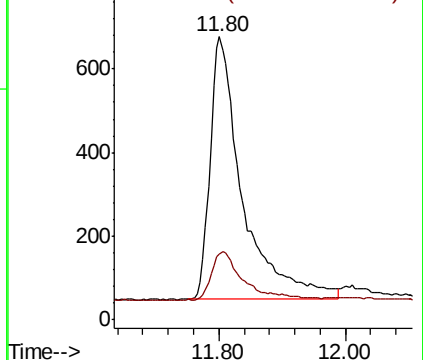
152 100

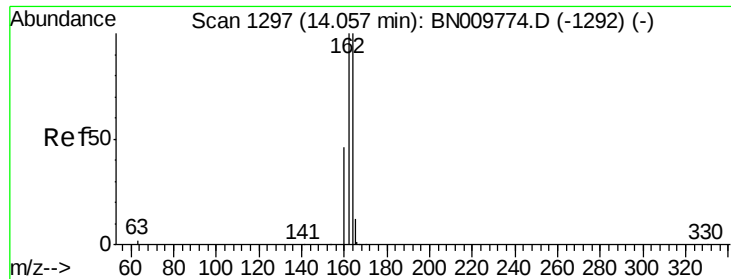
151 18.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

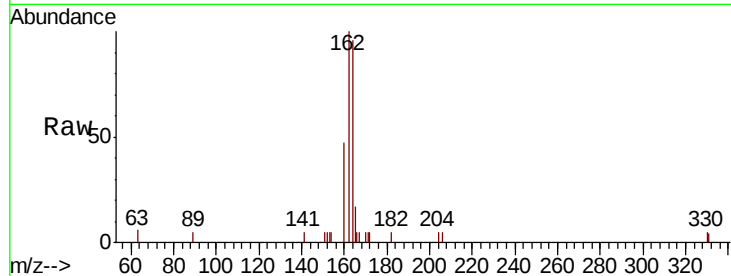
Tot Ion:164 Resp: 2298

Ion Ratio Lower Upper

164 100

162 103.7 79.9 119.9

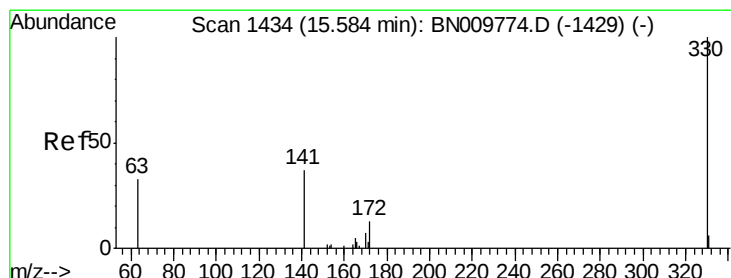
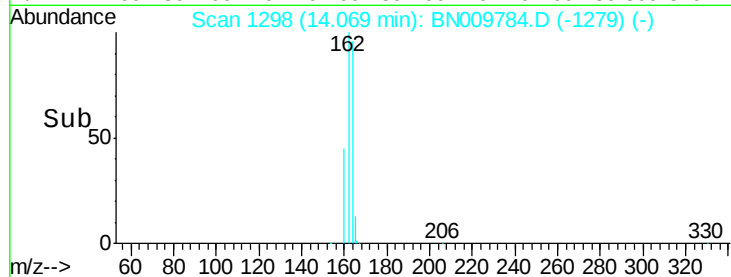
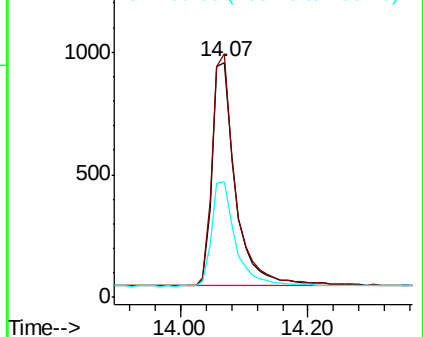
160 49.0 38.2 57.2



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: 0.382 ng

RT: 15.60 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

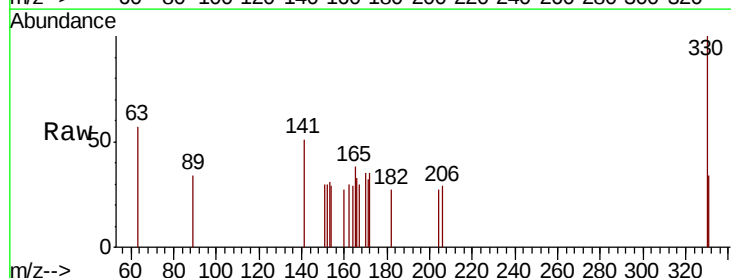
Tgt Ion:330 Resp: 338

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

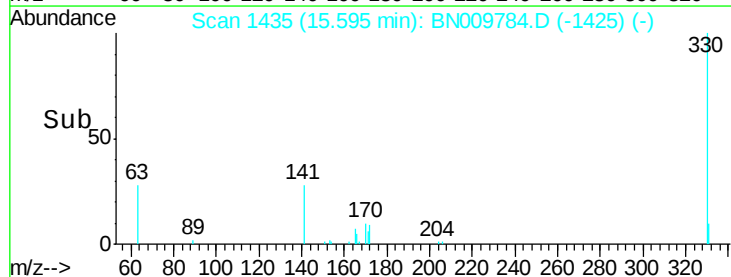
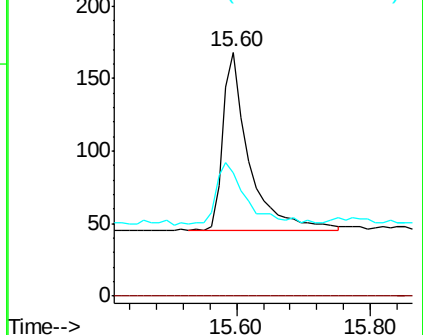
141 38.2 36.8 55.2

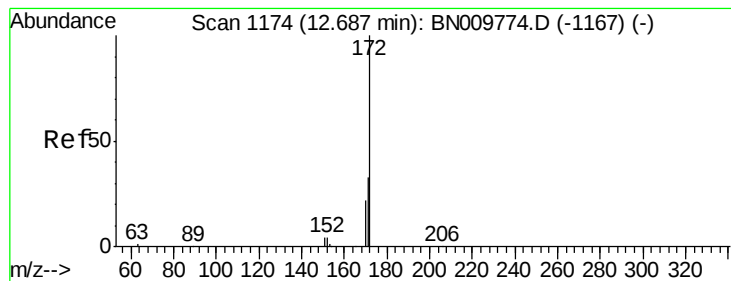


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 12.69 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

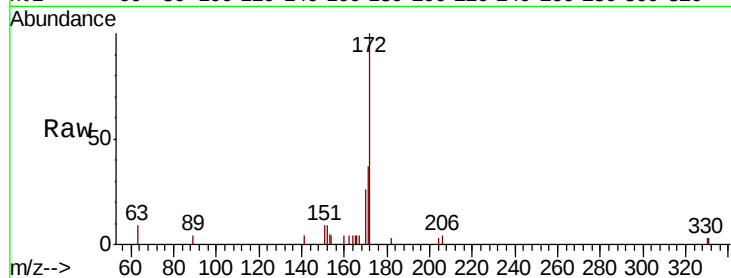
Tot Ion:172 Resp: 4071

Ion Ratio Lower Upper

172 100

171 36.9 28.7 43.1

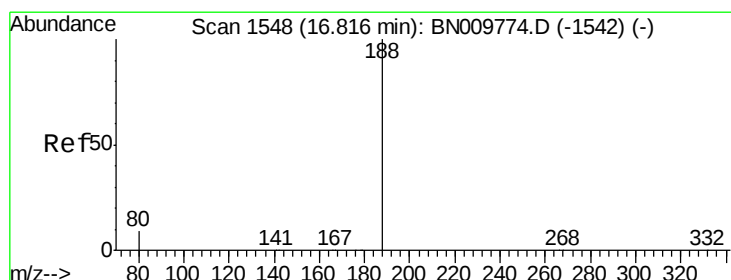
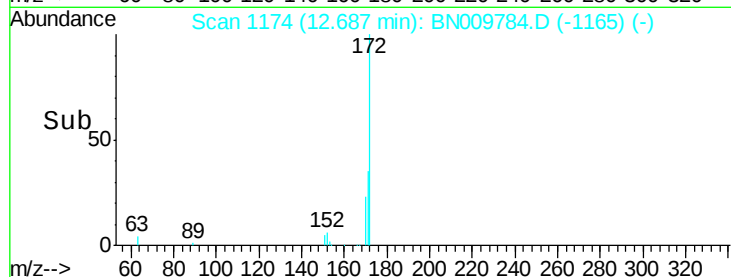
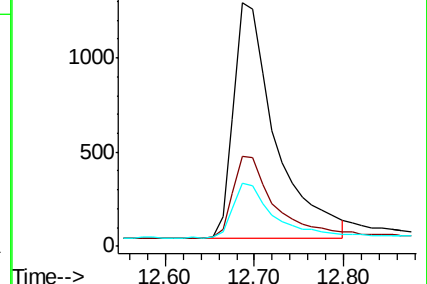
170 25.9 20.1 30.1



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: 16.83 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

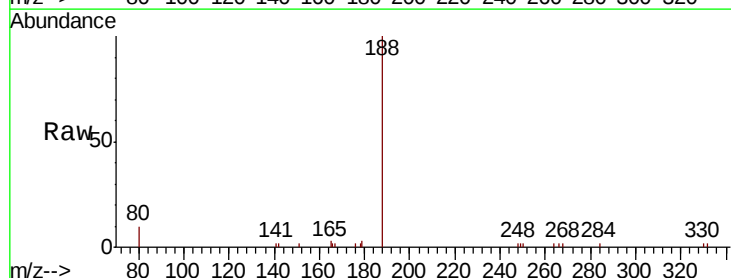
Tgt Ion:188 Resp: 5354

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

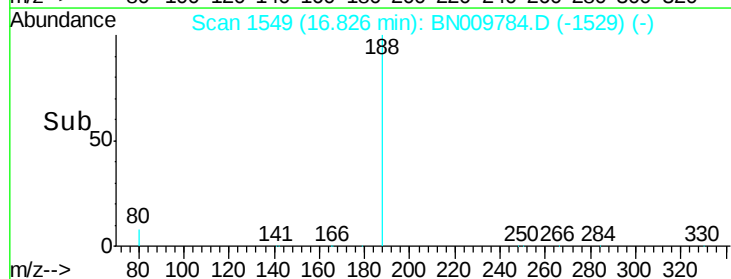
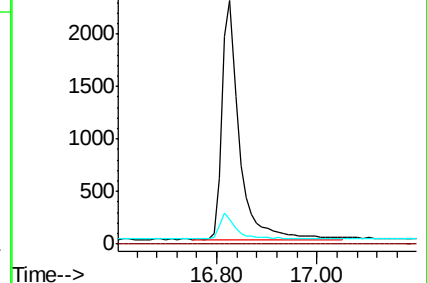
80 10.2 8.3 12.5

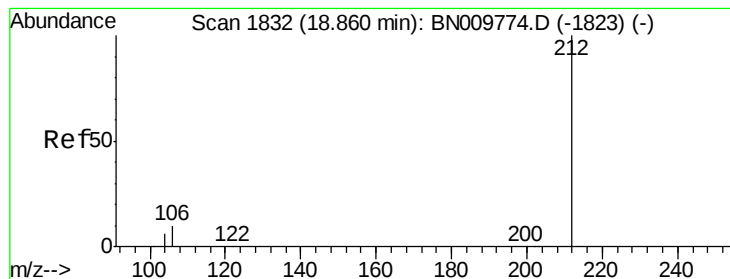


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

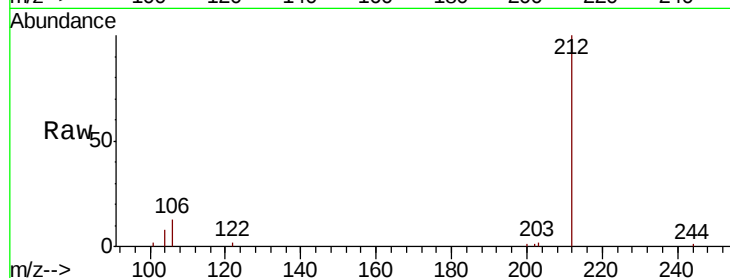
Tot Ion:212 Resp: 6317

Ion Ratio Lower Upper

212 100

106 11.7 8.4 12.6

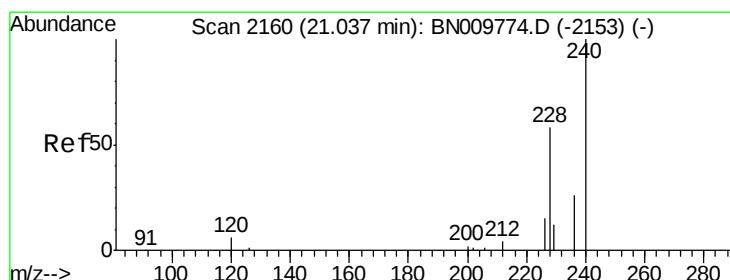
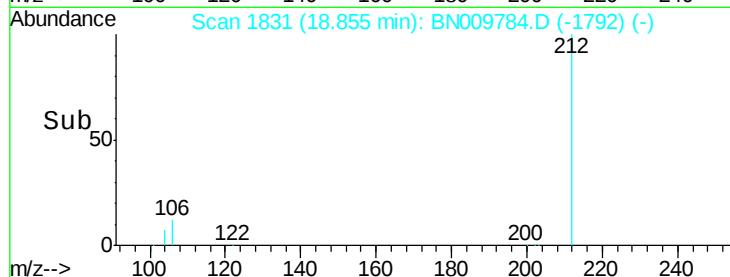
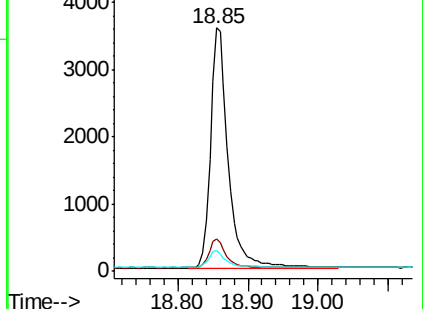
104 6.9 4.8 7.2



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: BN009784.D

Acq: 19 Feb 2020 19:10

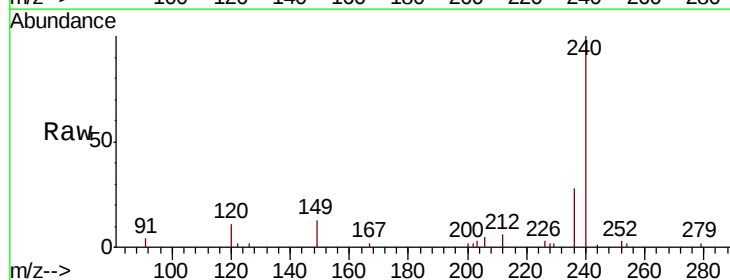
Tgt Ion:240 Resp: 5420

Ion Ratio Lower Upper

240 100

120 11.2 7.9 11.9

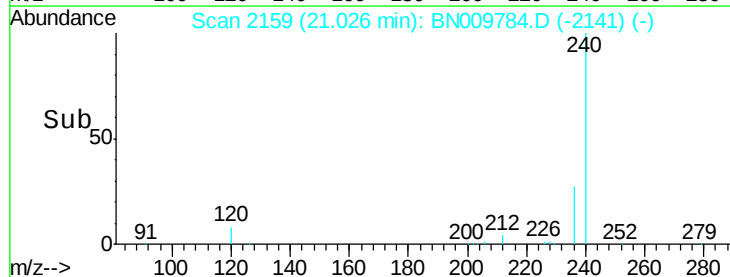
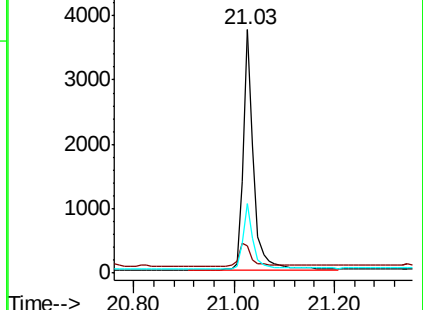
236 28.4 22.0 33.0

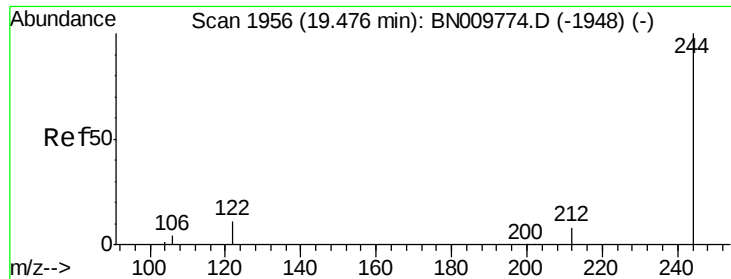


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

Instrument :

BNA_N

ClientSampleId :

PB126695BL

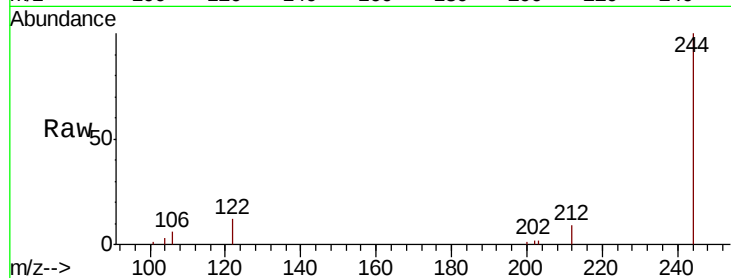
Tot Ion:244 Resp: 6189

Ion Ratio Lower Upper

244 100

212 9.0 8.0 12.0

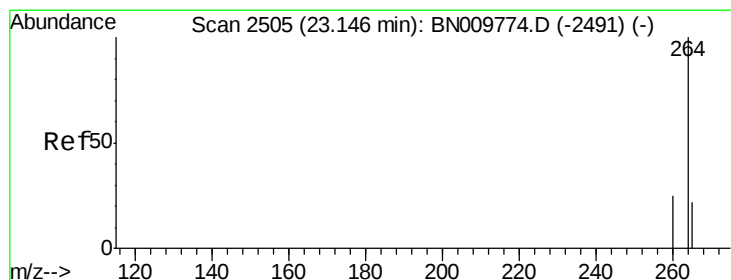
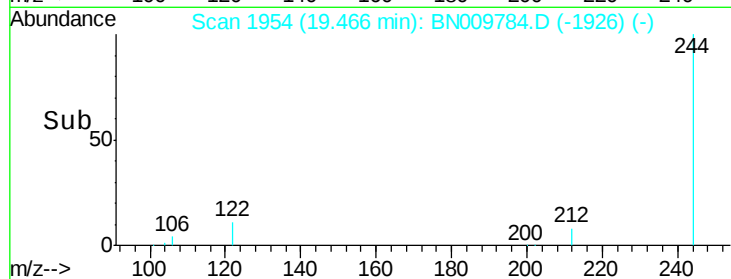
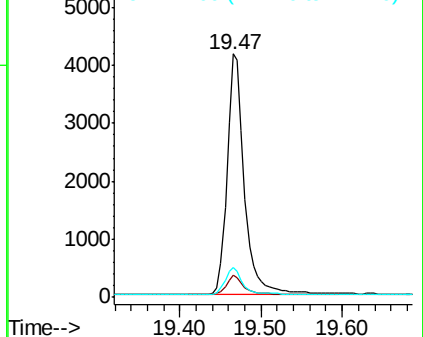
122 12.5 10.0 15.0



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: 23.14 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BN009784.D

Acq: 19 Feb 2020 19:10

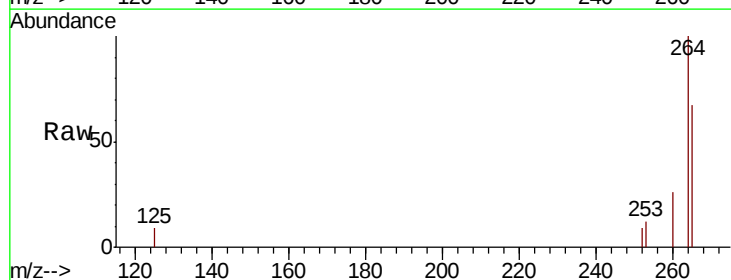
Tgt Ion:264 Resp: 5538

Ion Ratio Lower Upper

264 100

260 26.4 21.1 31.7

265 66.8 57.5 86.3



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

