

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011641.D
 Acq On : 26 Aug 2020 07:03
 Operator : CG/JU
 Sample : L3737-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200818

Quant Time: Aug 26 07:35:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2395	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9576	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	5938	0.40	ng	-0.01
19) Phenanthrene-d10	17.14	188	13078	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12041	0.40	ng	-0.01
36) Perylene-d12	23.58	264	11773	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	481	0.06	ng	0.00
5) Phenol-d6	6.91	99	535	0.05	ng	0.00
8) Nitrobenzene-d5	8.89	82	4540	0.55	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4931	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	316	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	12598	0.55	ng	-0.01
27) Fluoranthene-d10	19.17	212	13660	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	24506	0.80	ng	0.00

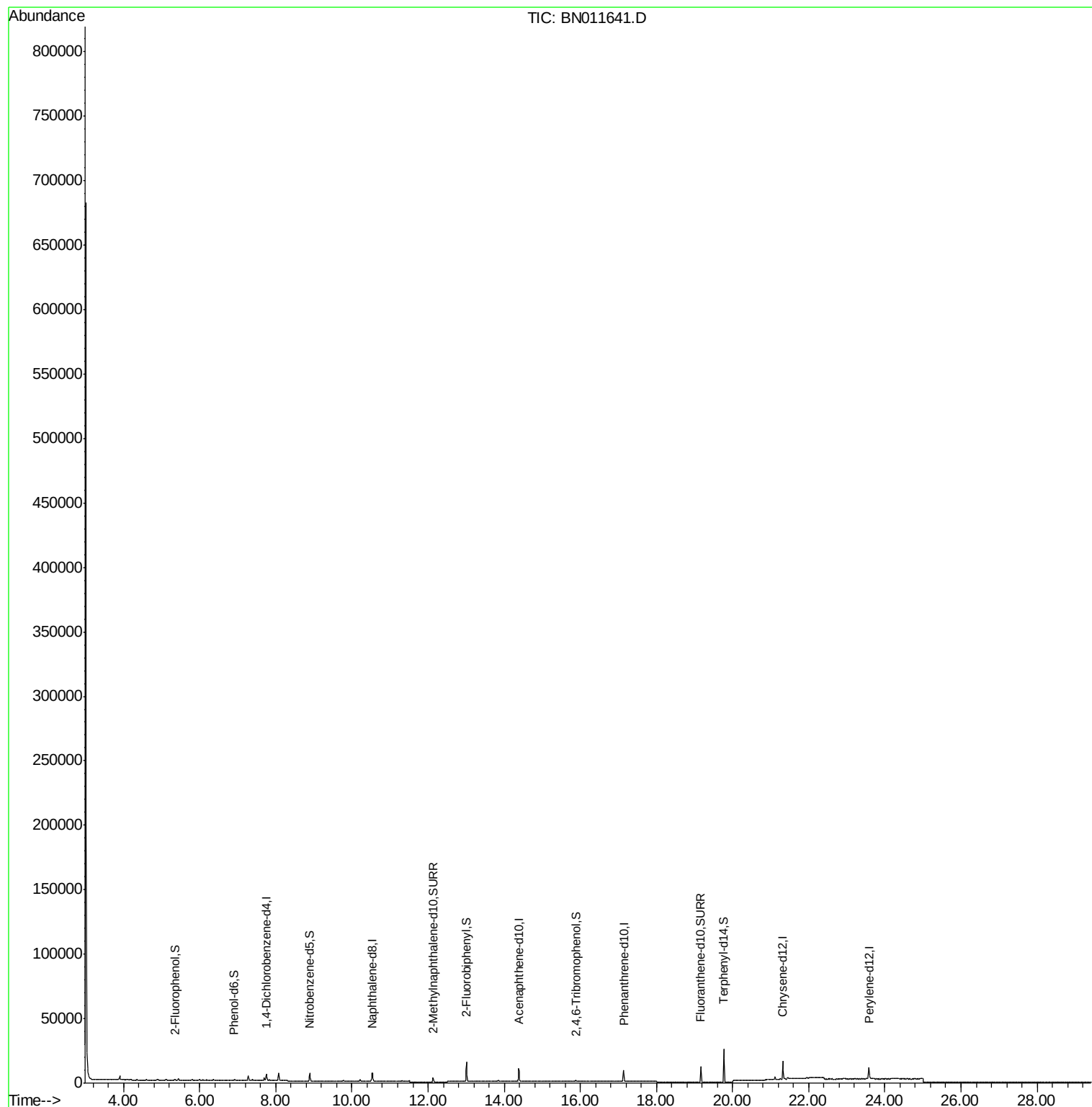
Target Compounds	Qvalue
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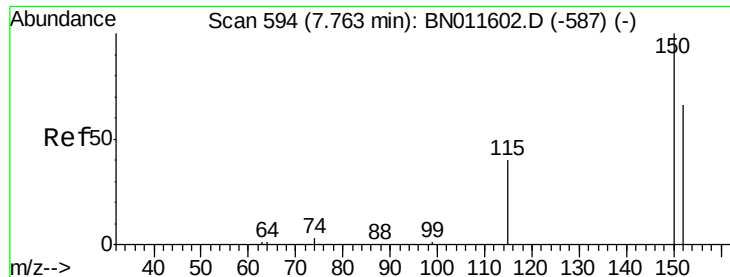
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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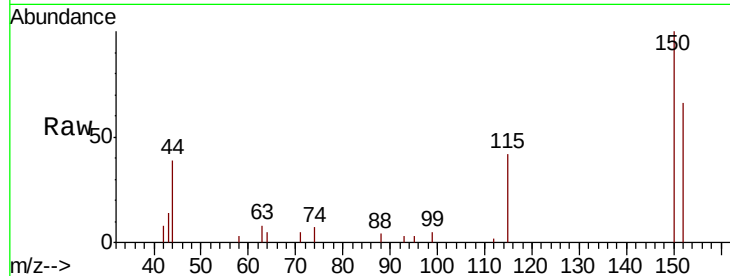


#1

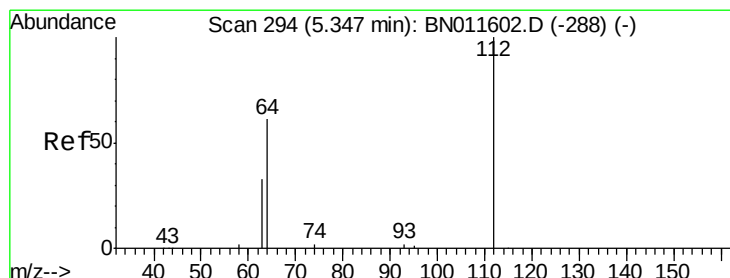
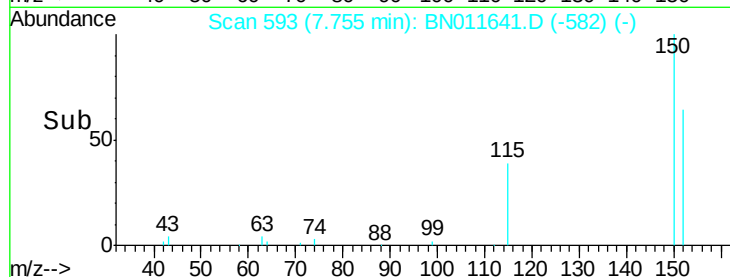
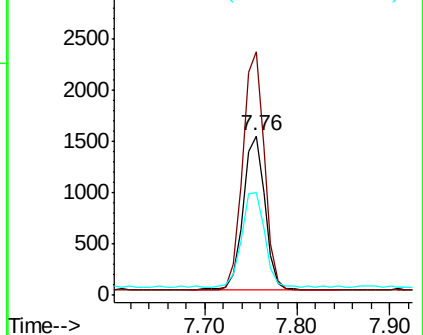
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011641.D
Acq: 26 Aug 2020 07:03

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200818

Tot Ion:152 Resp: 2395
Ion Ratio Lower Upper
152 100
150 152.5 112.4 168.6
115 64.2 56.9 85.3



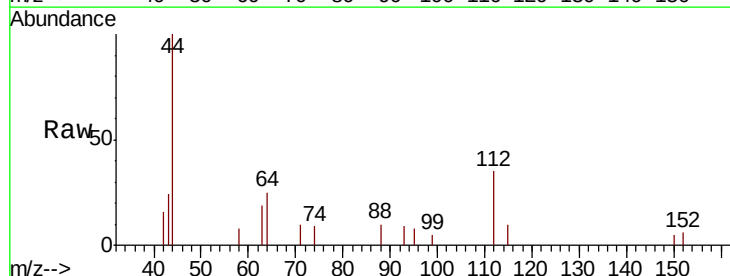
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



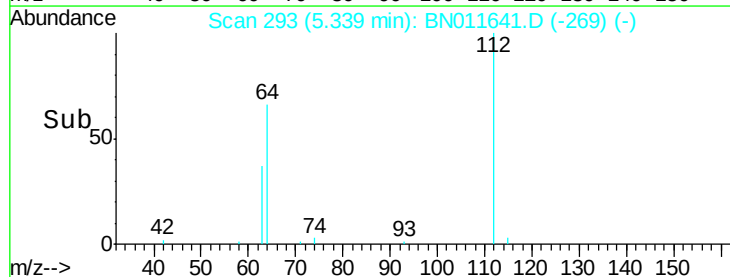
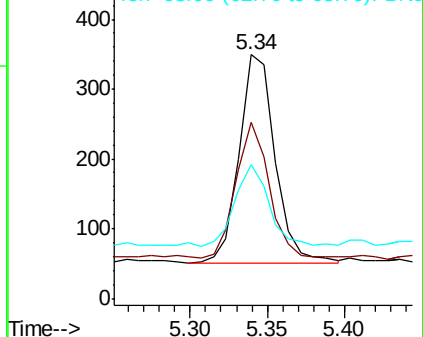
#4

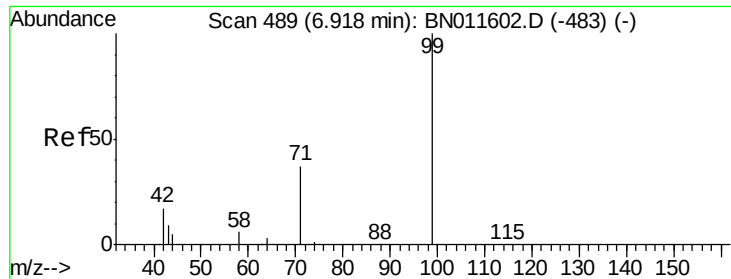
2-Fluorophenol
Concen: 0.063 ng
RT: 5.34 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN011641.D
Acq: 26 Aug 2020 07:03

Tgt Ion:112 Resp: 481
Ion Ratio Lower Upper
112 100
64 60.7 49.6 74.4
63 35.8 26.4 39.6



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: 0.049 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200818

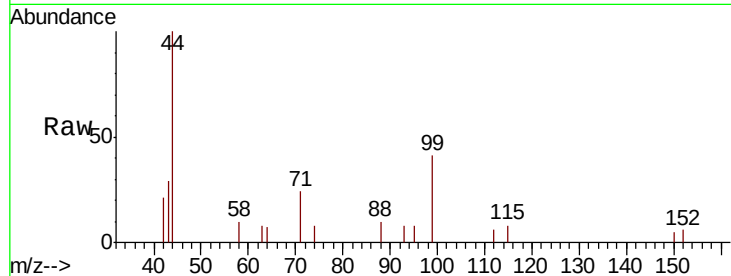
Tot Ion: 99 Resp: 535

Ion Ratio Lower Upper

99 100

42 19.8 0.0 0.0#

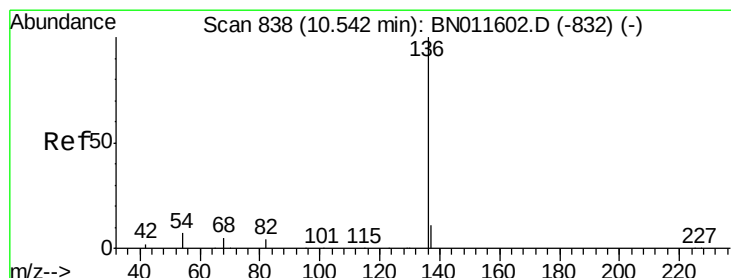
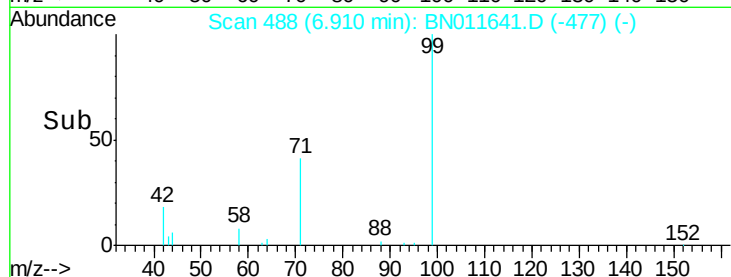
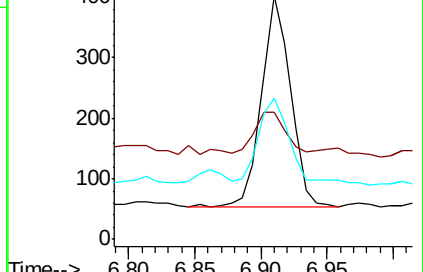
71 45.0 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Tgt Ion: 136 Resp: 9576

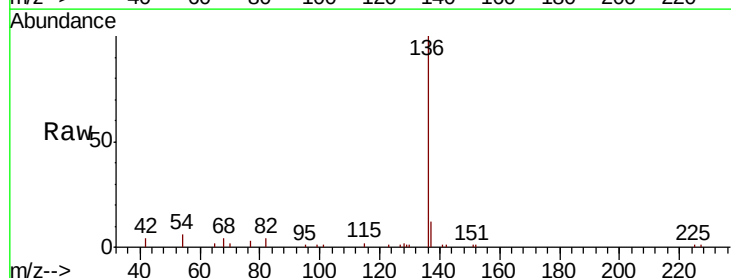
Ion Ratio Lower Upper

136 100

137 11.6 11.5 17.3

54 5.6 11.9 17.9#

68 4.5 12.3 18.5#

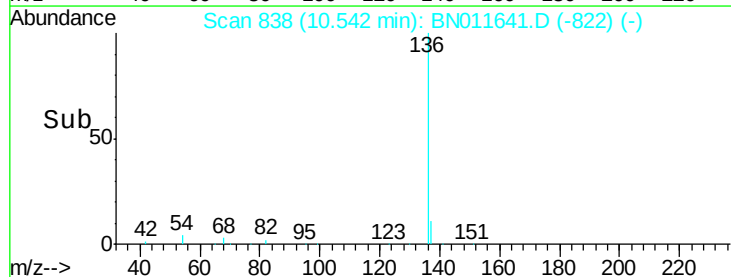
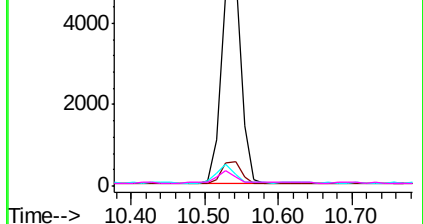


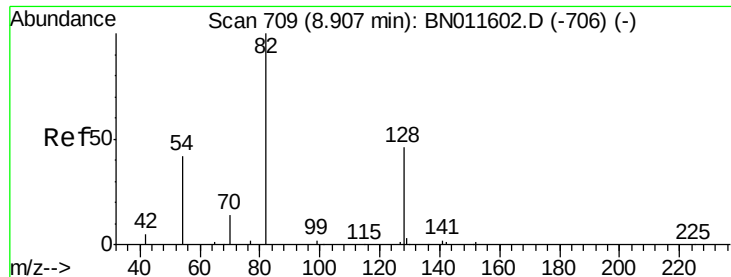
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.548 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200818

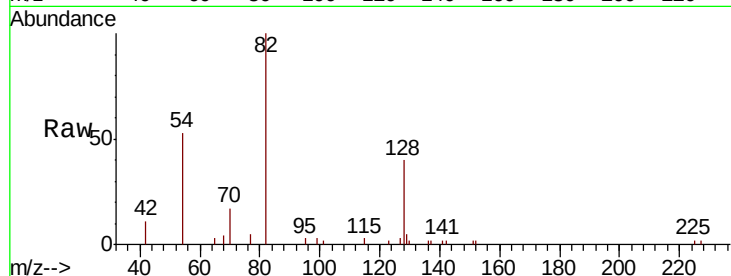
Tot Ion: 82 Resp: 4540

Ion Ratio Lower Upper

82 100

128 40.1 31.1 46.7

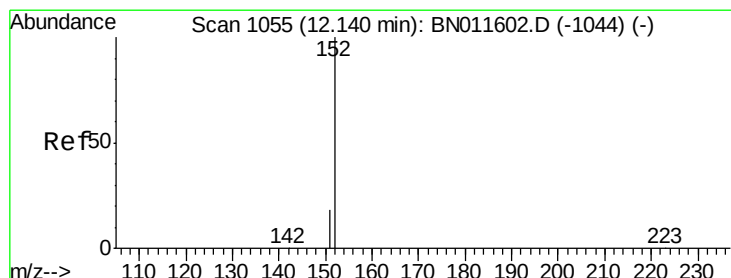
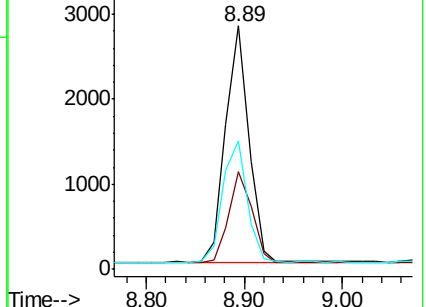
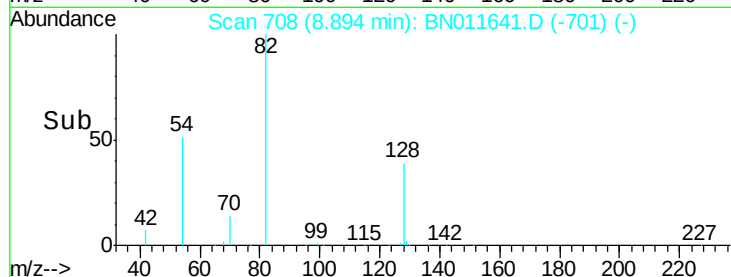
54 52.8 37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BN011602.D (-706) (-)

Ion 128.00 (127.70 to 128.70): BN011602.D (-706) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-706) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011641.D

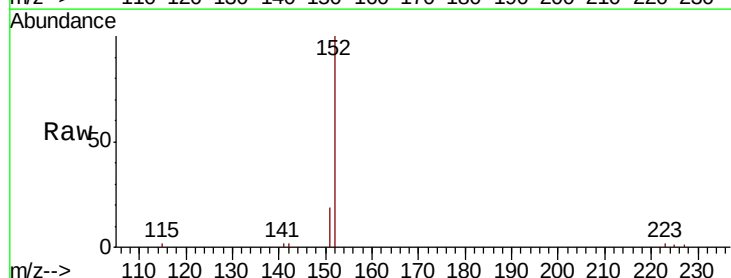
Acq: 26 Aug 2020 07:03

Tgt Ion: 152 Resp: 4931

Ion Ratio Lower Upper

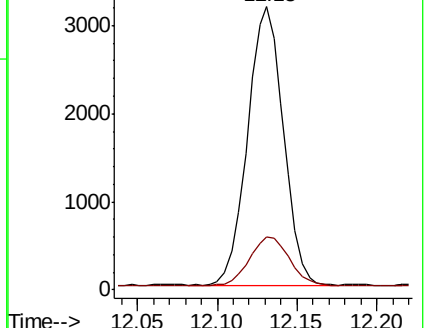
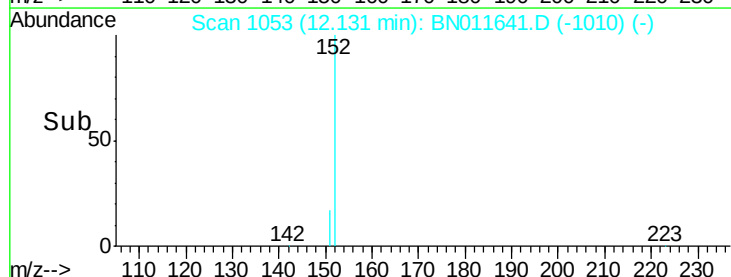
152 100

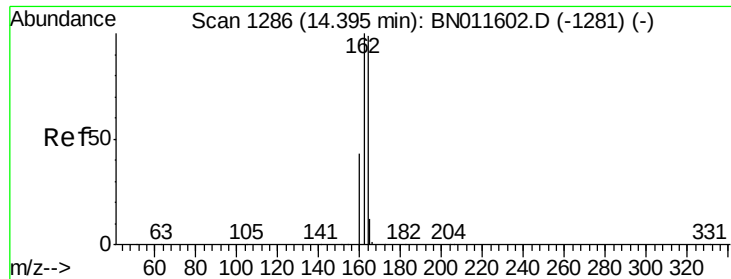
151 19.4 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BN011602.D (-1044) (-)

Ion 151.00 (150.70 to 151.70): BN011602.D (-1044) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200818

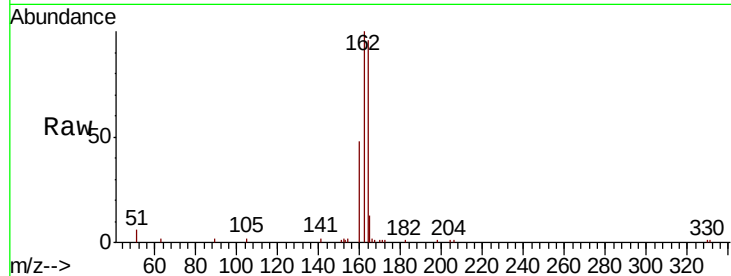
Tot Ion:164 Resp: 5938

Ion Ratio Lower Upper

164 100

162 104.1 80.8 121.2

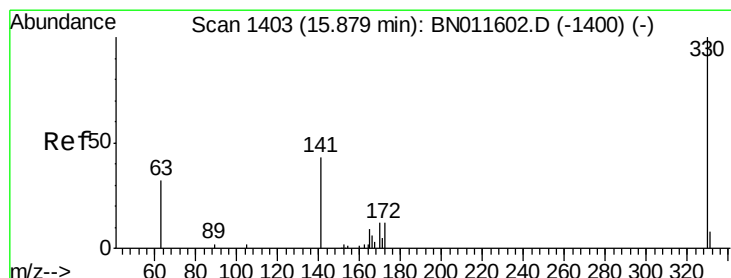
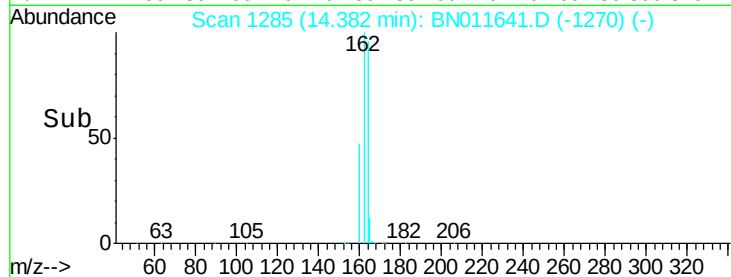
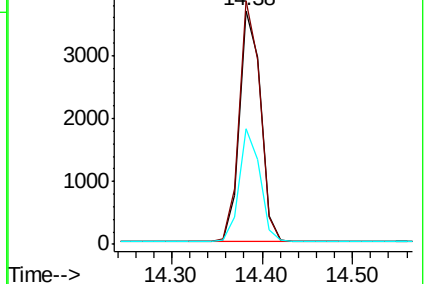
160 49.6 35.6 53.4



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: 0.097 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

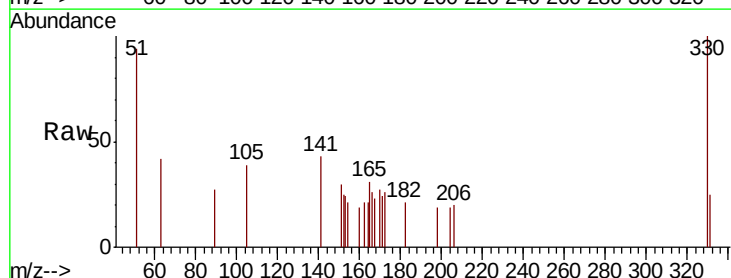
Tgt Ion:330 Resp: 316

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

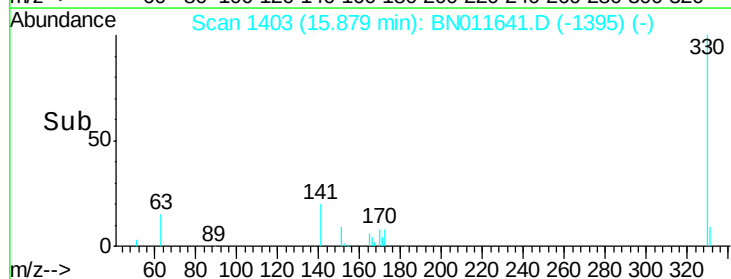
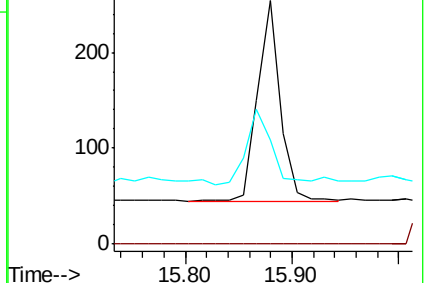
141 42.4 29.4 44.2

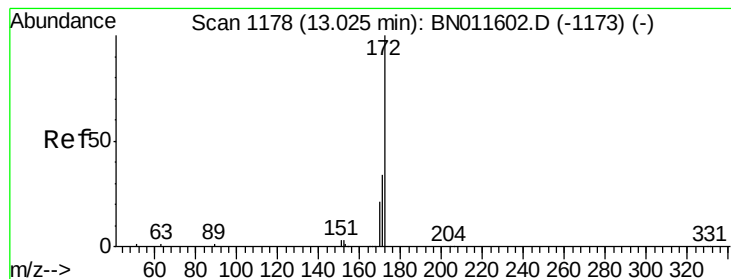


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.545 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Instrument :

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KY038PS037-200818

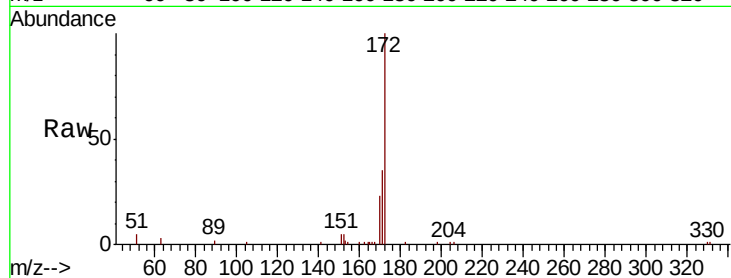
Tot Ion:172 Resp: 12598

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

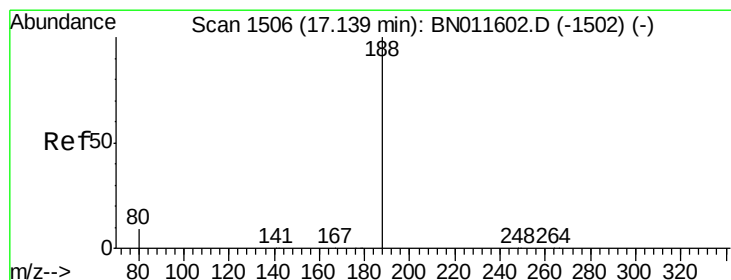
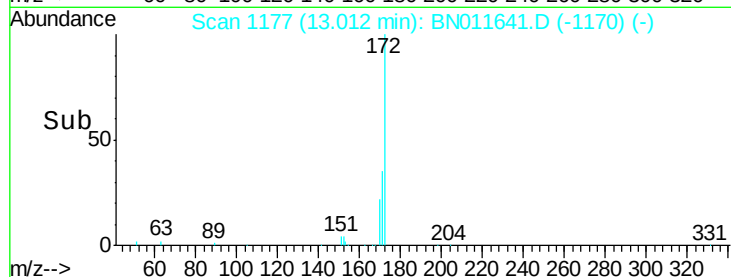
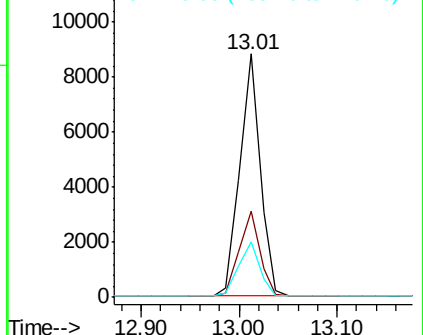
170 22.8 18.2 27.2



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: 17.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

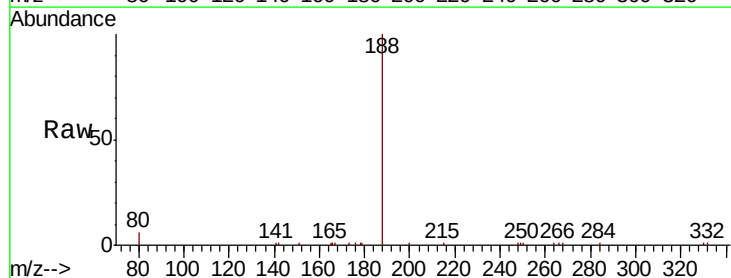
Tgt Ion:188 Resp: 13078

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

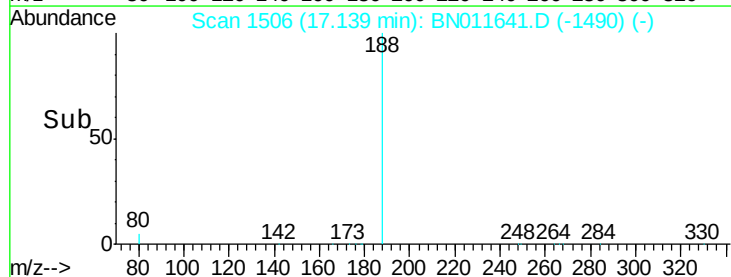
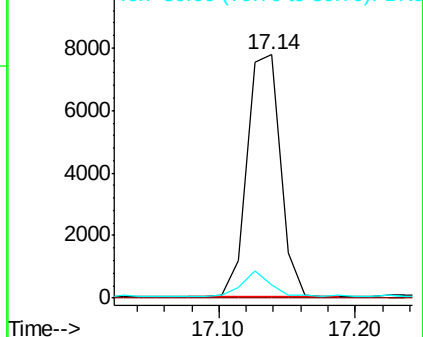
80 5.6 9.2 13.8#

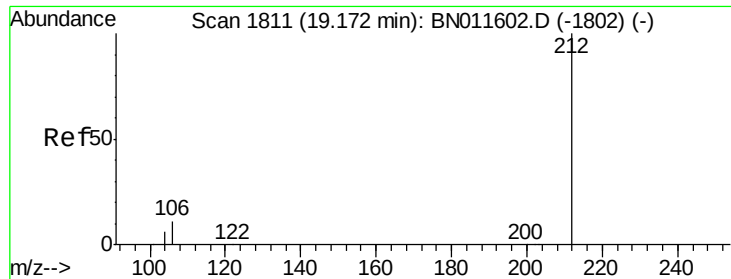


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200818

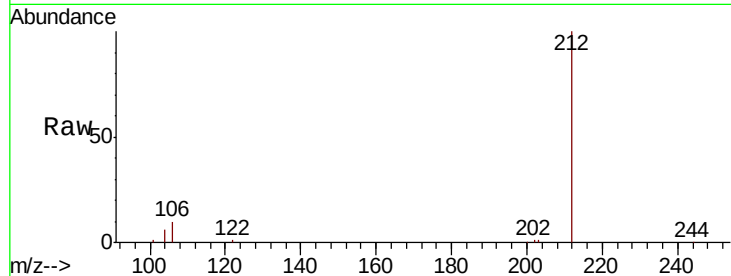
Tot Ion:212 Resp: 13660

Ion Ratio Lower Upper

212 100

106 9.9 8.9 13.3

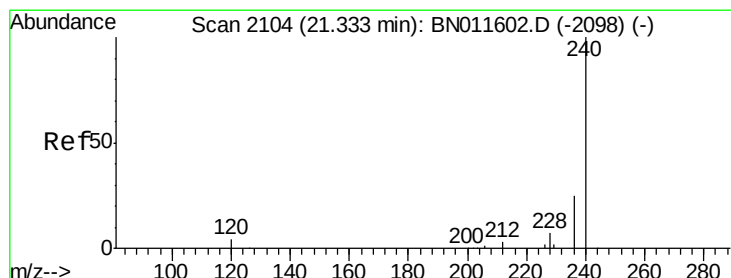
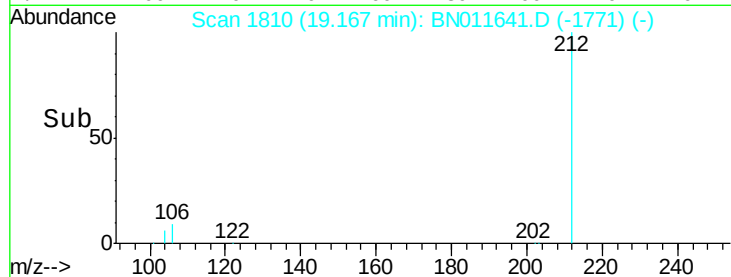
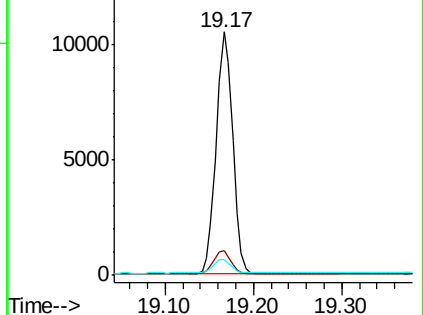
104 5.8 5.3 7.9



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

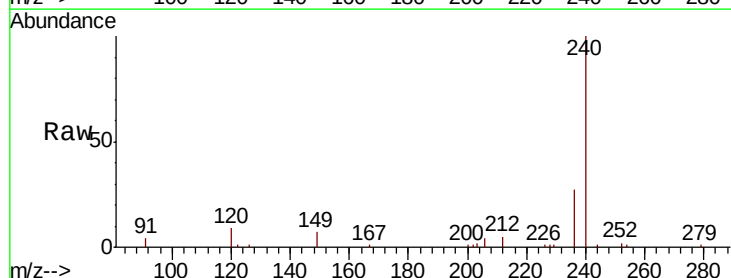
Tgt Ion:240 Resp: 12041

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0#

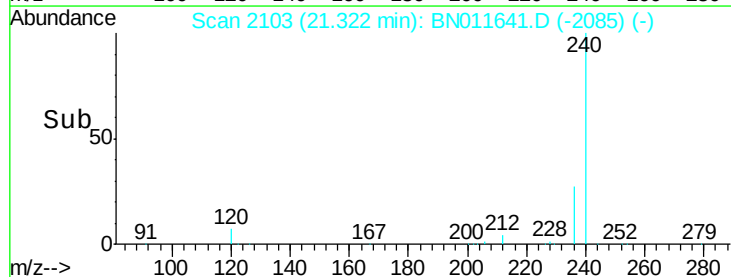
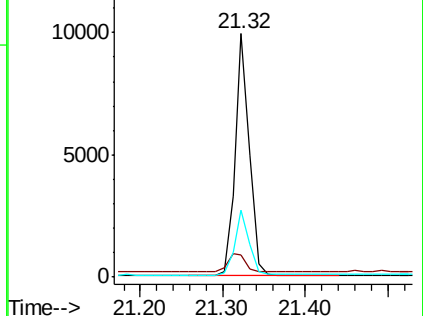
236 27.5 20.8 31.2

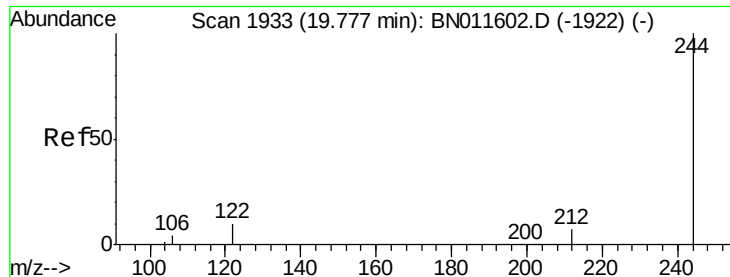


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.797 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

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KY038PS037-200818

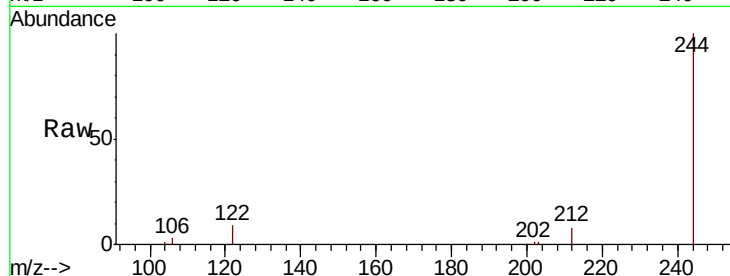
Tot Ion:244 Resp: 24506

Ion Ratio Lower Upper

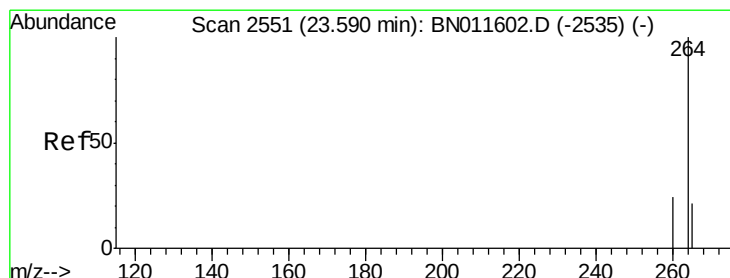
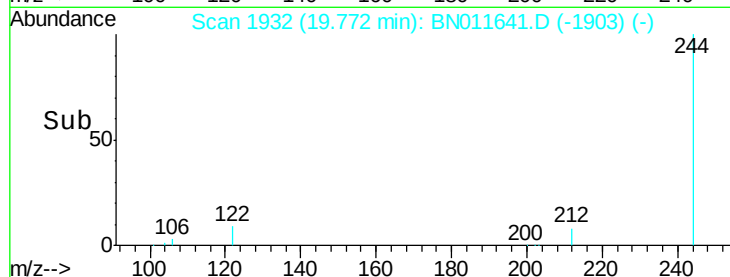
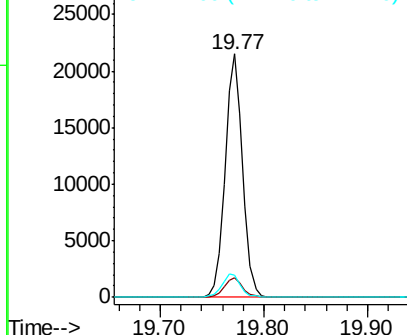
244 100

212 8.2 6.5 9.7

122 9.1 9.5 14.3#



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011641.D

Acq: 26 Aug 2020 07:03

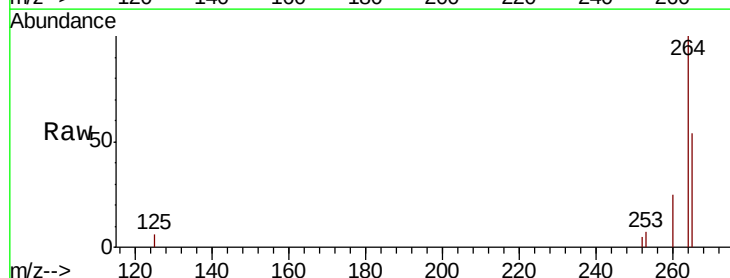
Tgt Ion:264 Resp: 11773

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 54.5 40.7 61.1



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

