

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010622.D
 Acq On : 28 Apr 2020 11:54
 Operator : CG/JU
 Sample : PB128508TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128508TB

Quant Time: Apr 28 12:24:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3006	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	12819	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	8425	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19636	0.40	ng	0.00
27) Chrysene-d12	21.16	240	16030	0.40	ng	0.00
34) Perylene-d12	23.34	264	15096	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	2526	0.38	ng	0.00
5) Phenol-d6	6.79	99	3055	0.36	ng	0.00
8) Nitrobenzene-d5	8.73	82	3259	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.94	152	7684	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1148	0.29	ng	0.02
15) 2-Fluorobiphenyl	12.84	172	10609	0.35	ng	0.02
25) Fluoranthene-d10	19.00	212	20662	0.35	ng	0.00
29) Terphenyl-d14	19.61	244	15757	0.43	ng	0.00

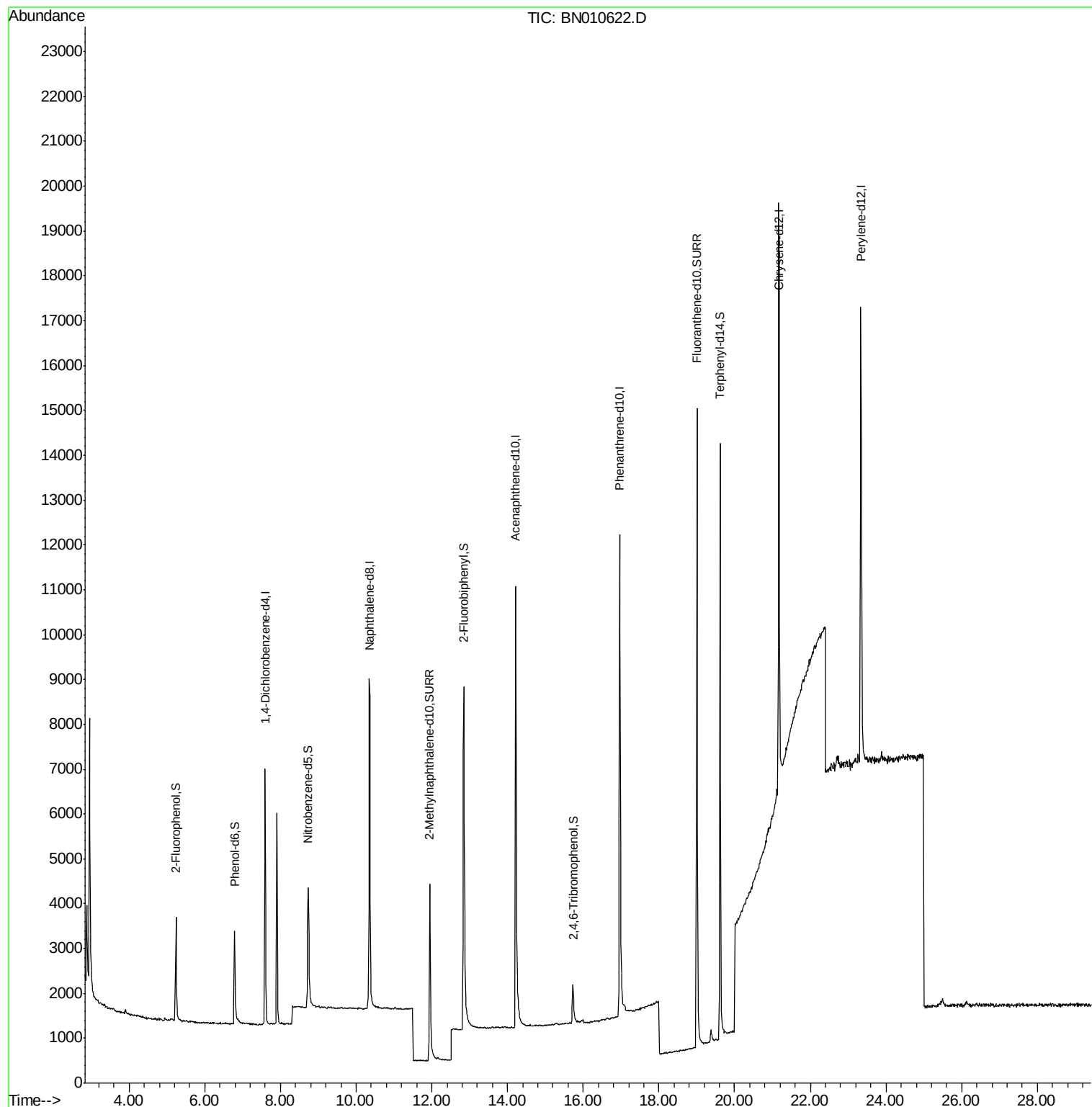
Target Compounds	Qvalue
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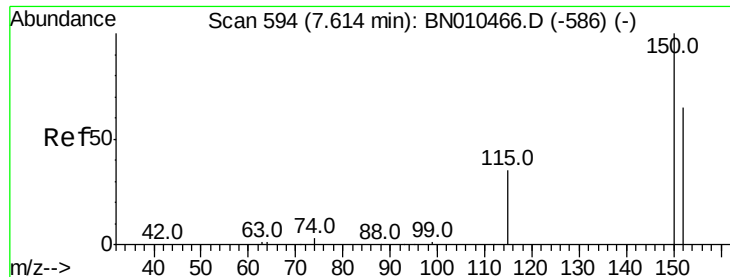
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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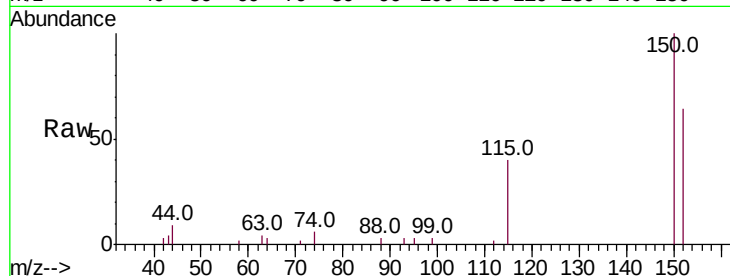


#1

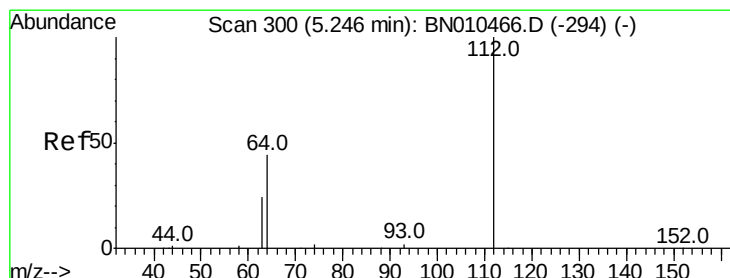
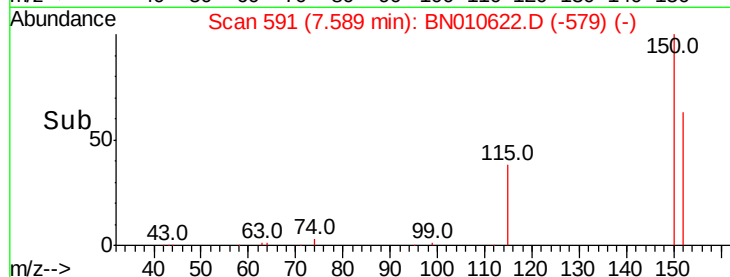
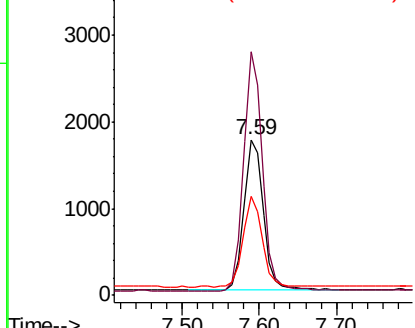
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010622.D
Acq: 28 Apr 2020 11:54

Instrument :
BNA_N
ClientSampleId :
PB128508TB

Tot Ion:152 Resp: 3006
Ion Ratio Lower Upper
152 100
150 156.4 121.8 182.6
115 63.3 45.5 68.3



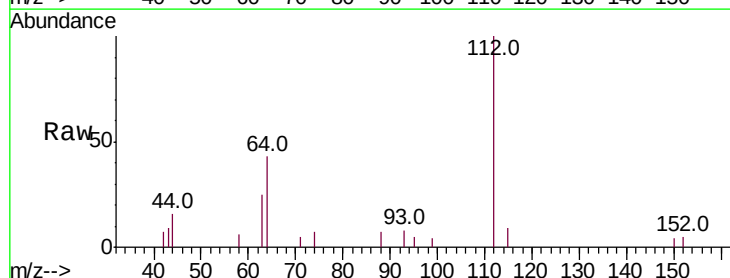
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



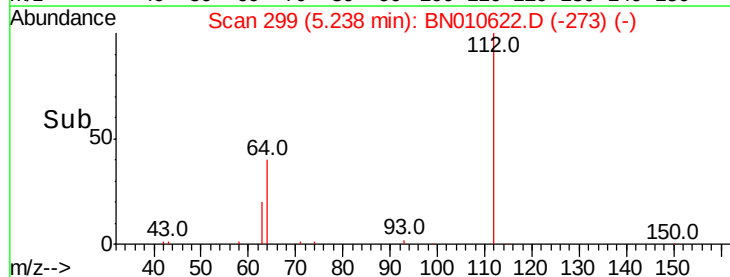
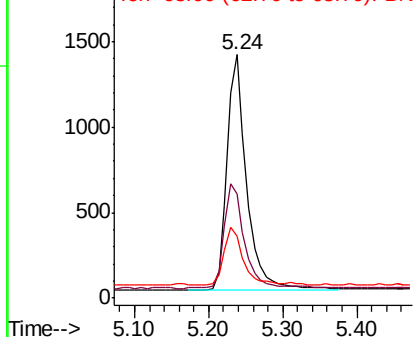
#4

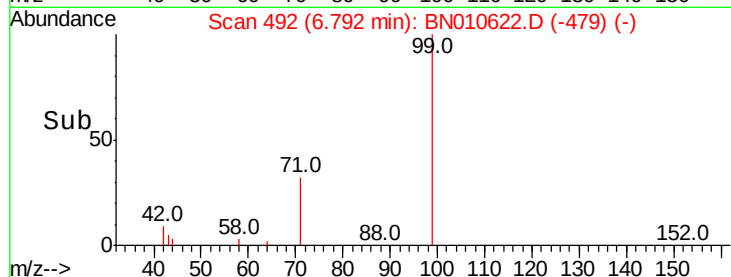
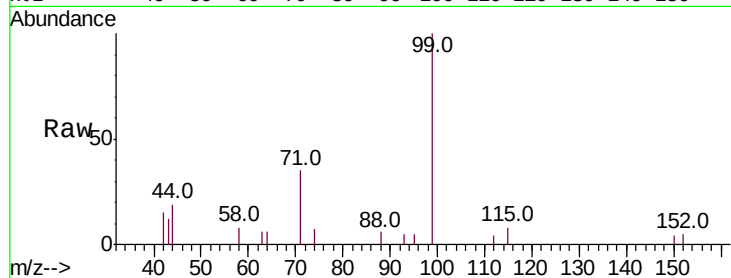
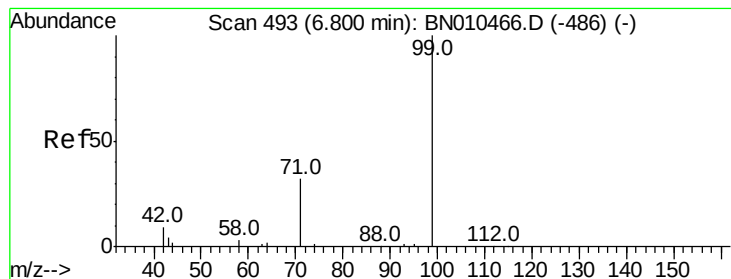
2-Fluorophenol
Concen: 0.384 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.01 min
Lab File: BN010622.D
Acq: 28 Apr 2020 11:54

Tgt Ion:112 Resp: 2526
Ion Ratio Lower Upper
112 100
64 47.2 35.8 53.8
63 23.4 19.9 29.9



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: 0.355 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

Instrument :

BNA_N

ClientSampleId :

PB128508TB

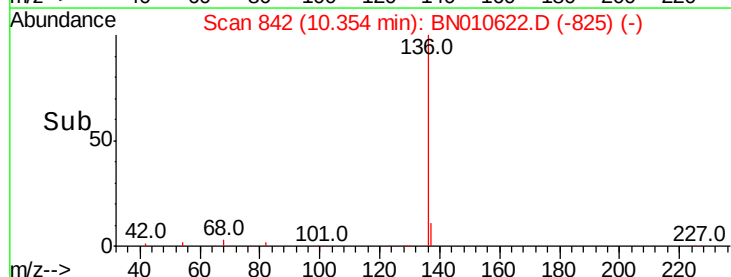
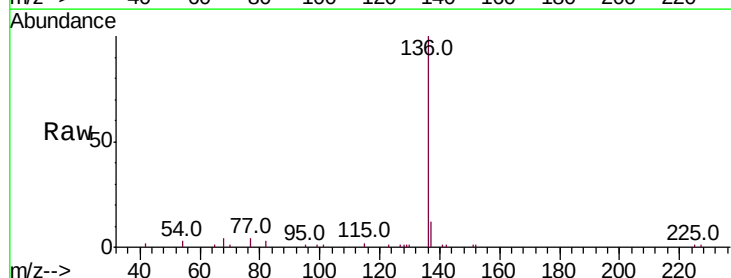
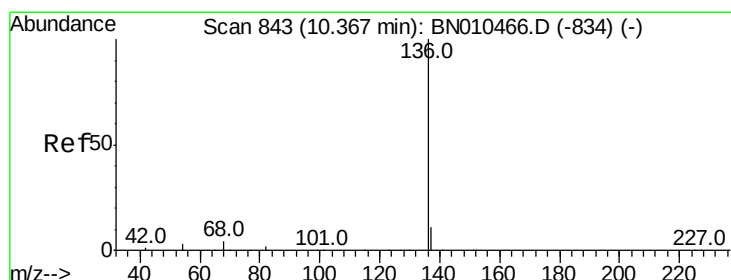
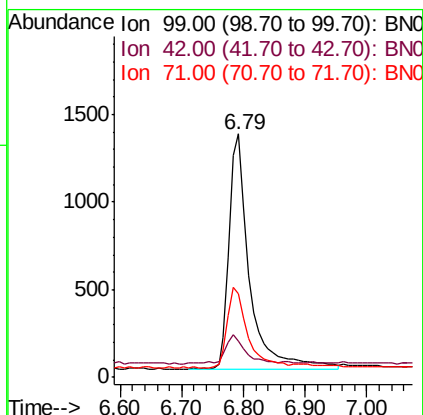
Tot Ion: 99 Resp: 3055

Ion Ratio Lower Upper

99 100

42 12.2 9.8 14.6

71 33.6 27.8 41.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.01 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

Tgt Ion: 136 Resp: 12819

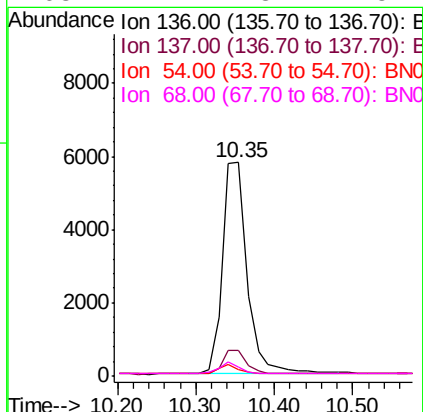
Ion Ratio Lower Upper

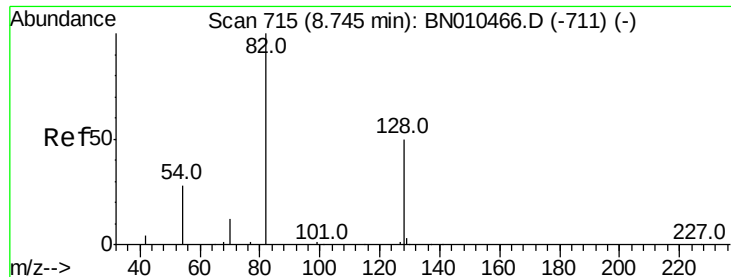
136 100

137 11.8 8.9 13.3

54 3.3 2.6 4.0

68 4.1 3.4 5.2





#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.01 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

Instrument :

BNA_N

ClientSampleId :

PB128508TB

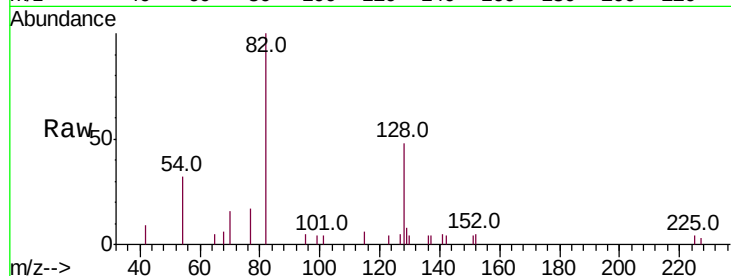
Tot Ion: 82 Resp: 3259

Ion Ratio Lower Upper

82 100

128 47.8 41.3 61.9

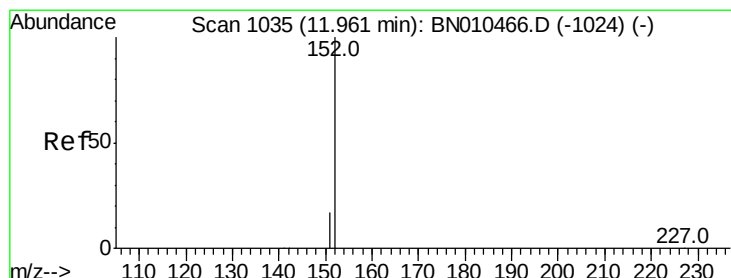
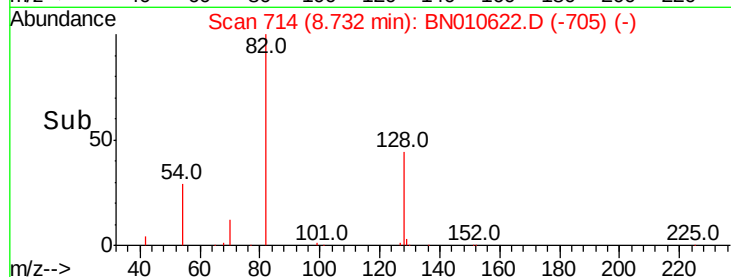
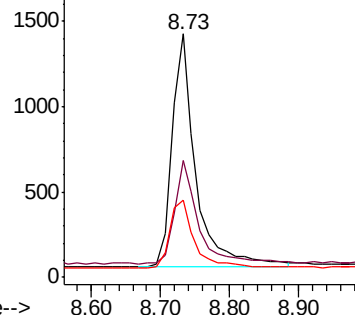
54 31.5 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BN010622.D

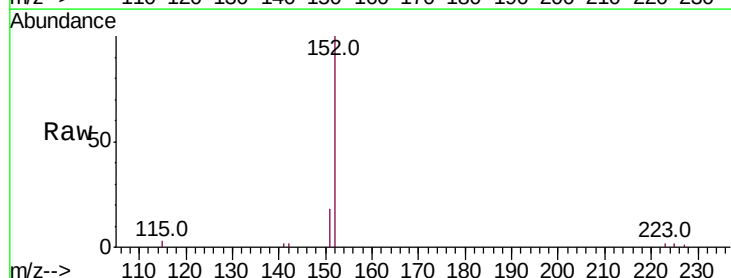
Acq: 28 Apr 2020 11:54

Tgt Ion: 152 Resp: 7684

Ion Ratio Lower Upper

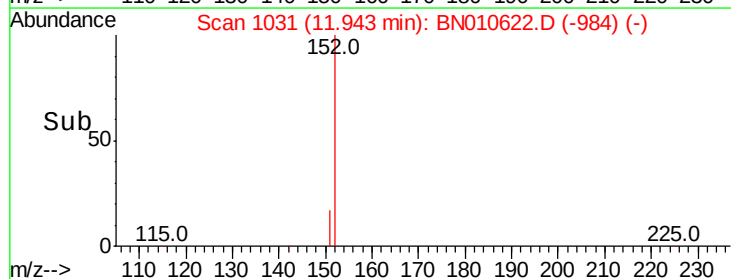
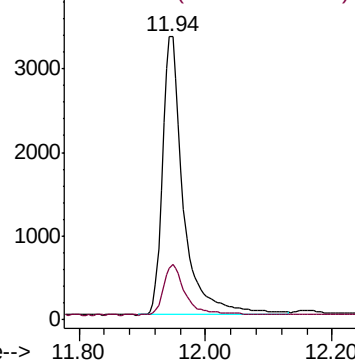
152 100

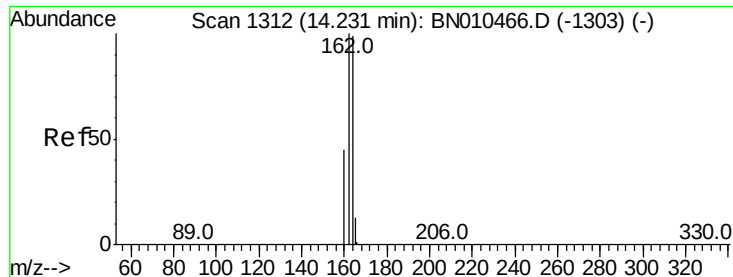
151 18.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

Instrument :

BNA_N

ClientSampleId :

PB128508TB

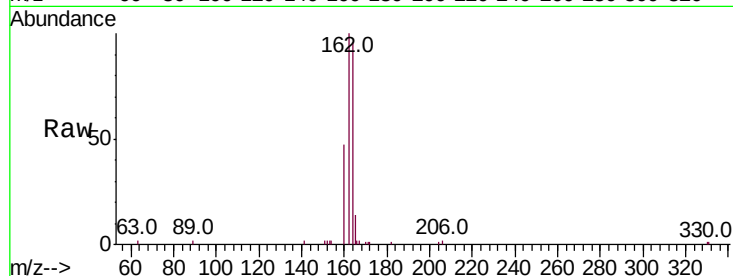
Tot Ion:164 Resp: 8425

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

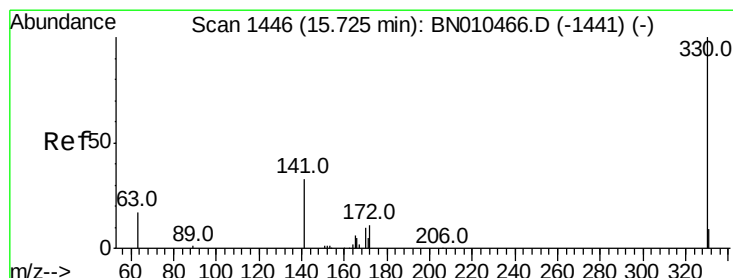
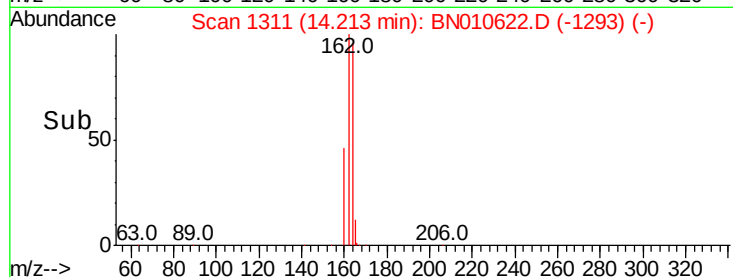
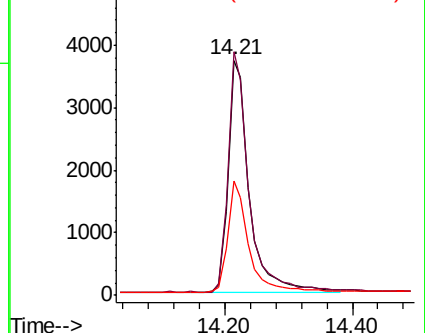
160 48.9 36.5 54.7



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: 0.289 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

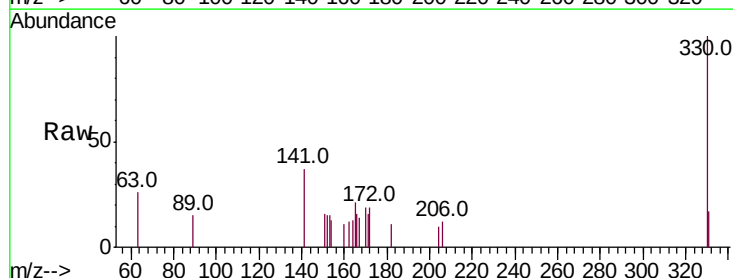
Tgt Ion:330 Resp: 1148

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

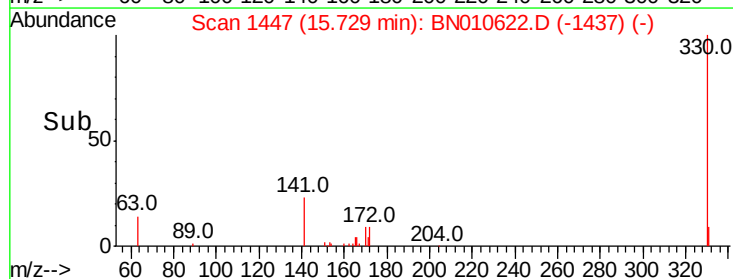
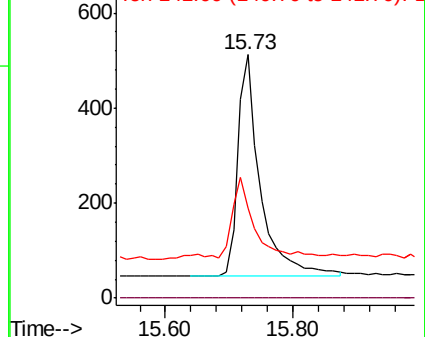
141 34.0 28.1 42.1

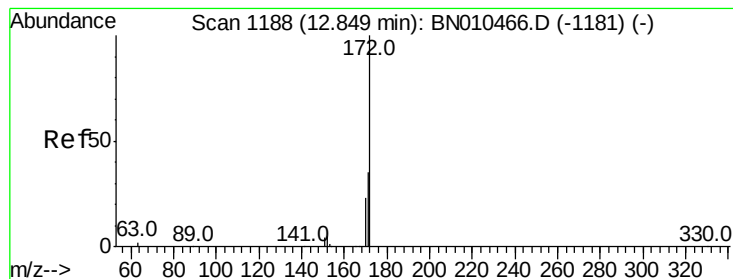


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 12.84 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

Instrument :

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ClientSampleId :

PB128508TB

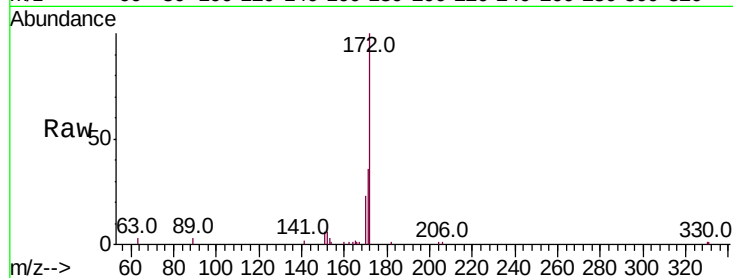
Tot Ion:172 Resp: 10609

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

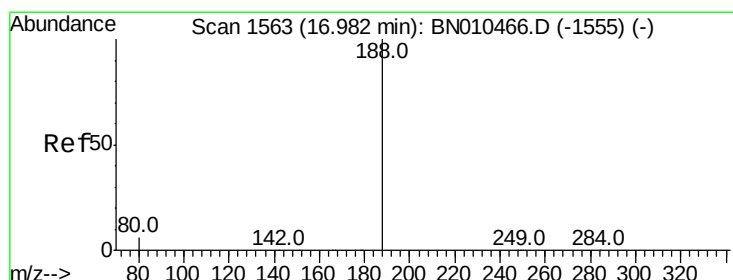
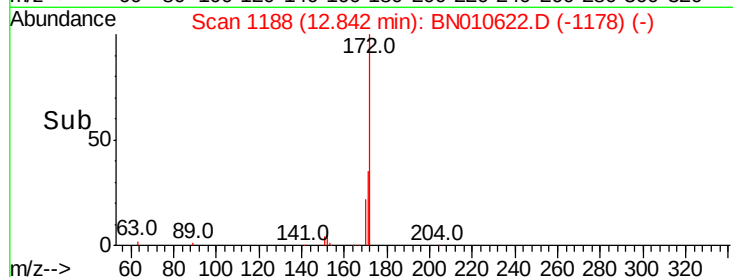
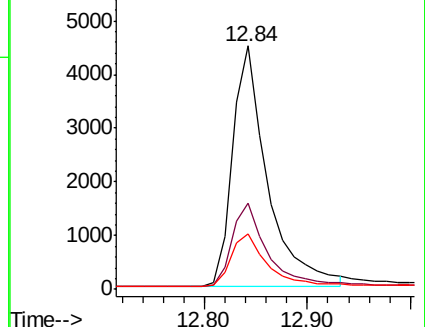
170 23.0 18.4 27.6



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: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

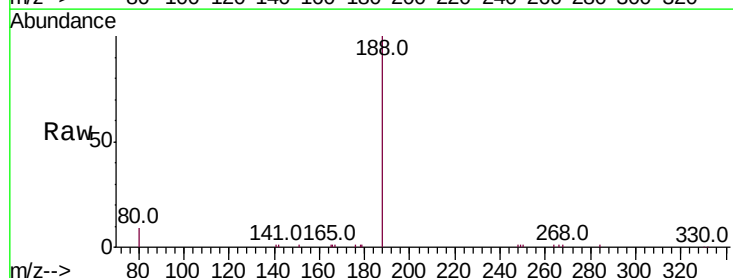
Tgt Ion:188 Resp: 19636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

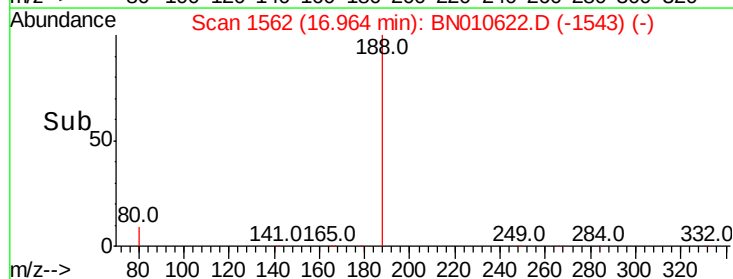
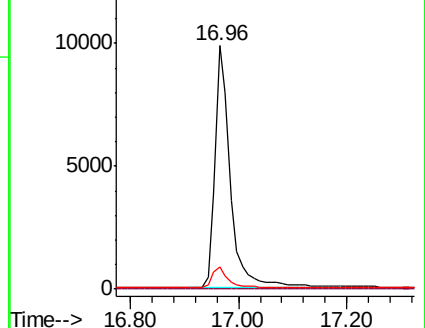
80 9.3 5.0 7.6#

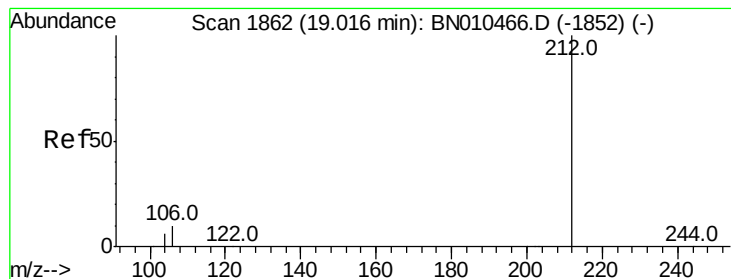


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010622.D

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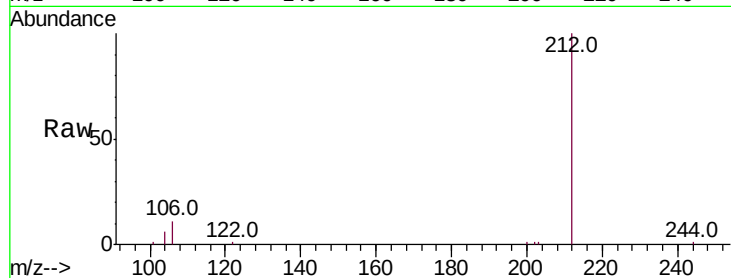
Tot Ion:212 Resp: 20662

Ion Ratio Lower Upper

212 100

106 10.1 7.8 11.6

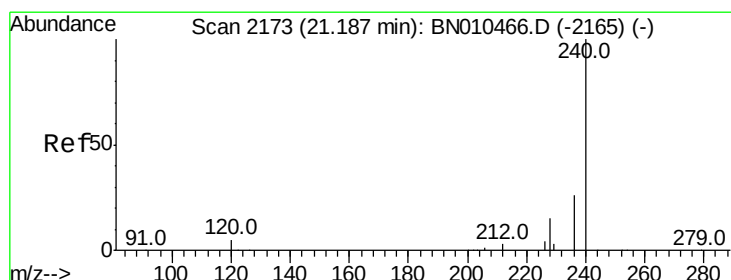
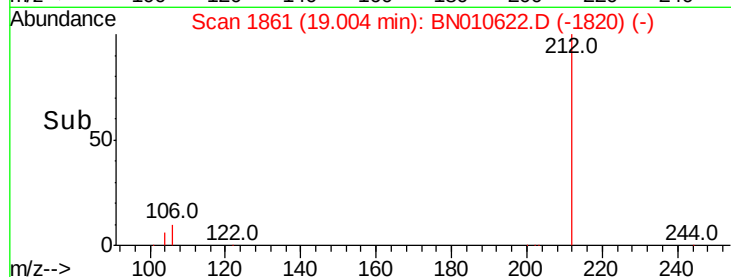
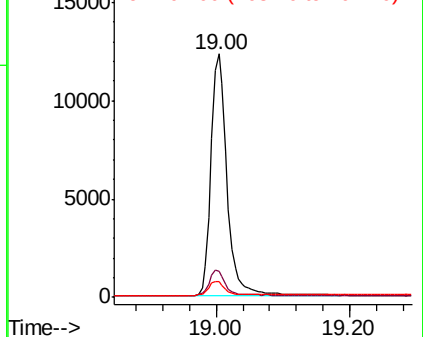
104 6.0 4.5 6.7



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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

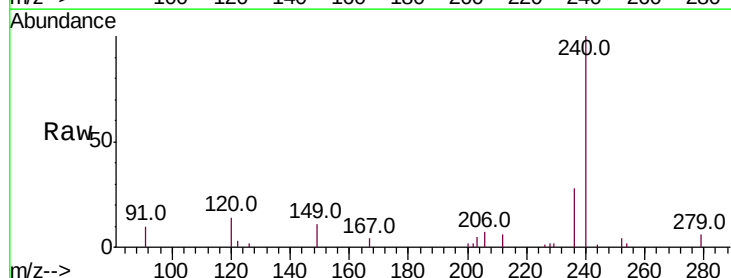
Tgt Ion:240 Resp: 16030

Ion Ratio Lower Upper

240 100

120 14.2 4.8 7.2#

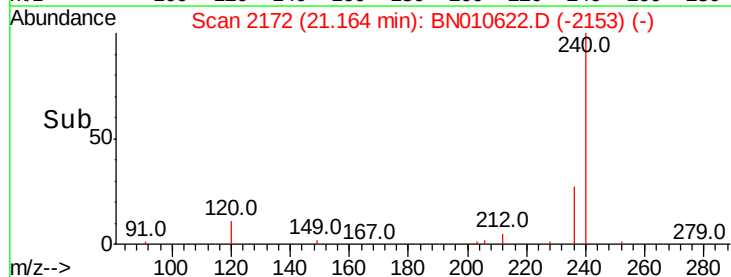
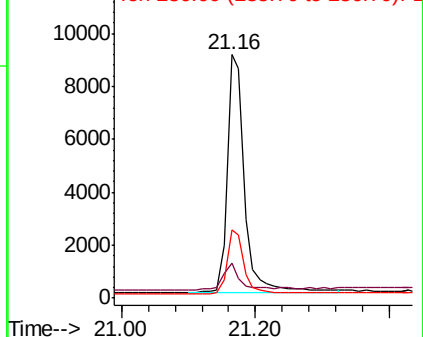
236 28.2 21.4 32.0

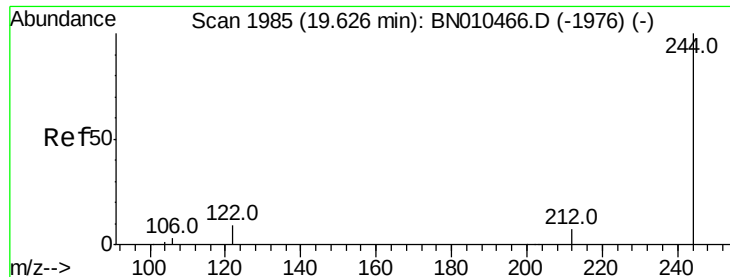


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.00 min

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PB128508TB

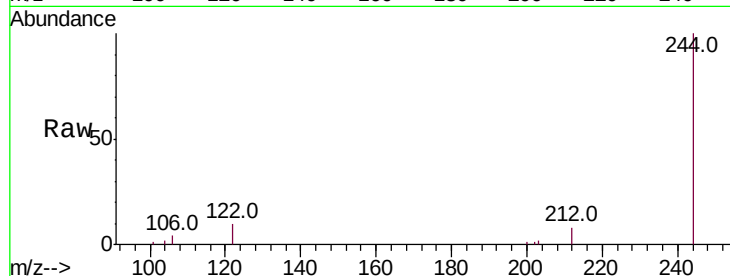
Tot Ion:244 Resp: 15757

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

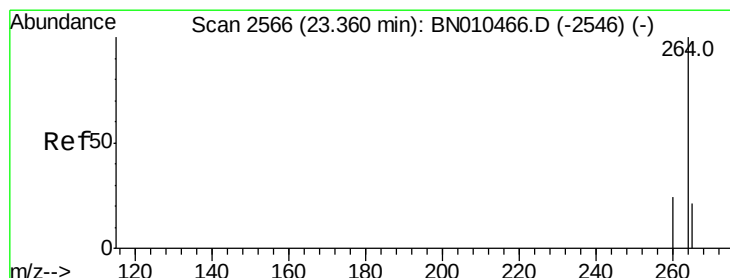
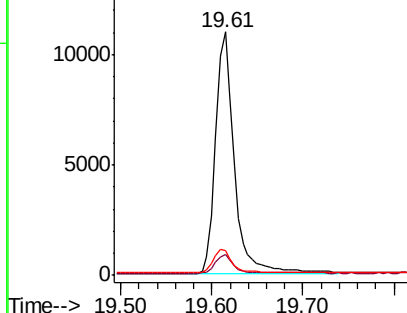
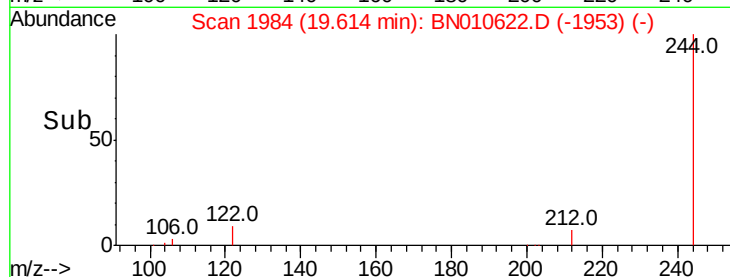
122 10.0 7.8 11.8



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: 23.34 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BN010622.D

Acq: 28 Apr 2020 11:54

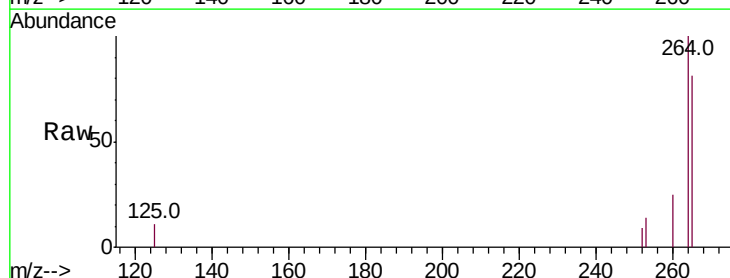
Tgt Ion:264 Resp: 15096

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.8

265 81.4 42.3 63.5#



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

