

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\
 Data File : BN010562.D
 Acq On : 21 Apr 2020 12:33
 Operator : CG/JU
 Sample : PB128376BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128376BL

Quant Time: Apr 21 13:38:27 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 21 13:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4105	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16464	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10092	0.40	ng	0.01
19) Phenanthrene-d10	16.97	188	23379	0.40	ng	0.01
27) Chrysene-d12	21.17	240	20804	0.40	ng	0.00
34) Perylene-d12	23.35	264	19120	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	3335	0.37	ng	0.00
5) Phenol-d6	6.78	99	3870	0.33	ng	0.00
8) Nitrobenzene-d5	8.73	82	4047	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	9336	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1230	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.84	172	13457	0.37	ng	0.00
25) Fluoranthene-d10	19.01	212	23965	0.34	ng	0.00
29) Terphenyl-d14	19.62	244	18293	0.38	ng	0.00

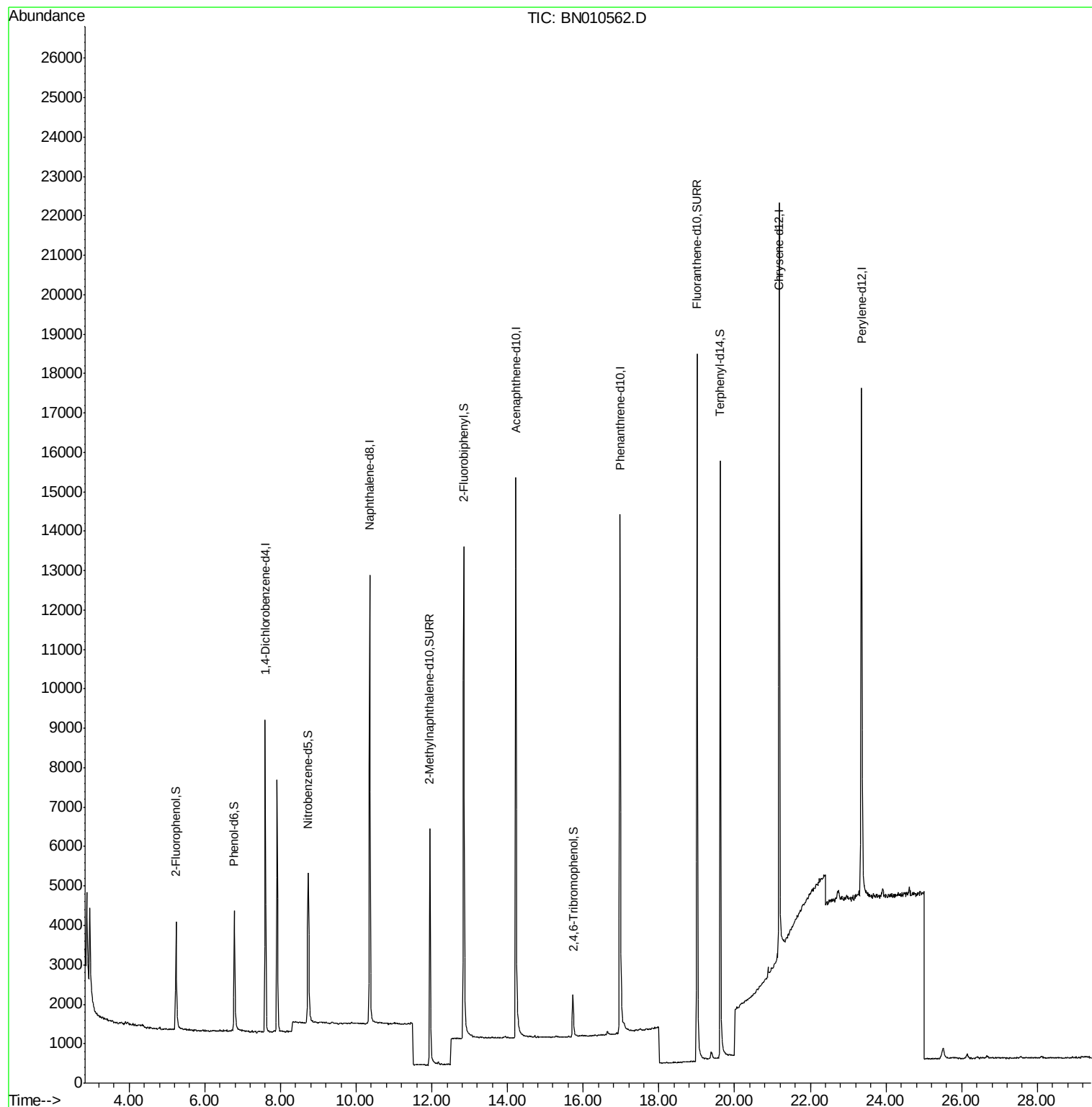
Target Compounds	Qvalue

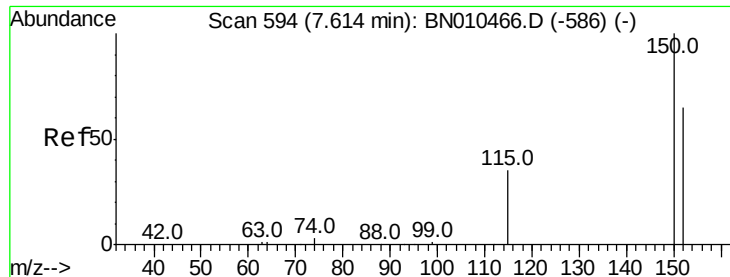
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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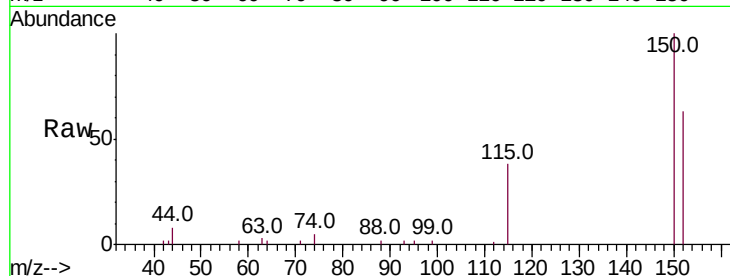


#1

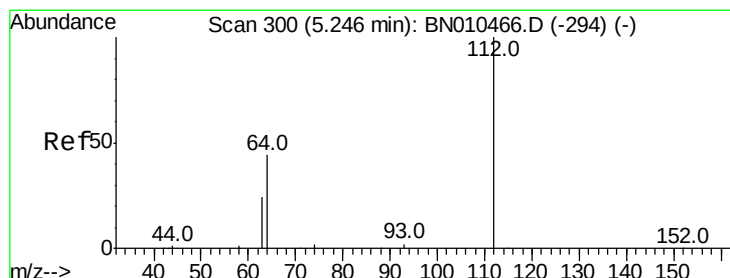
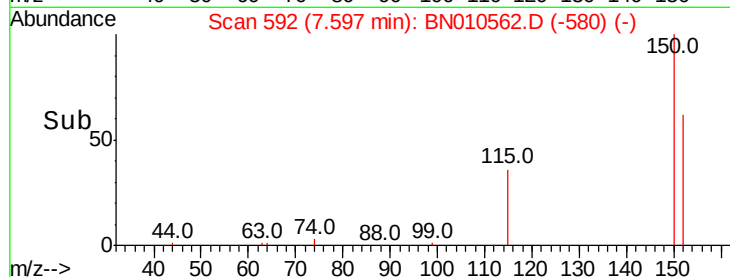
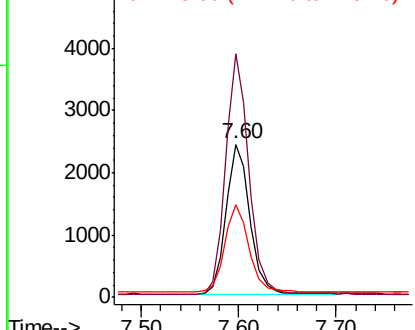
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010562.D
Acq: 21 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128376BL

Tot Ion:152 Resp: 4105
Ion Ratio Lower Upper
152 100
150 159.2 121.8 182.6
115 60.4 45.5 68.3



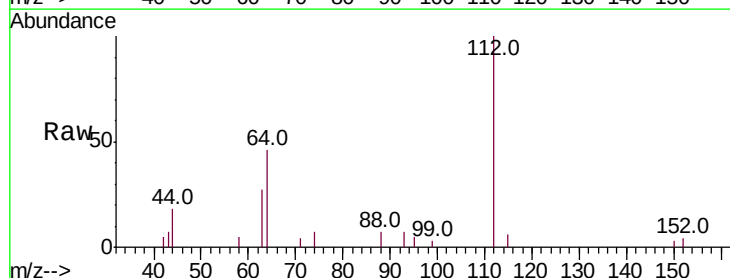
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



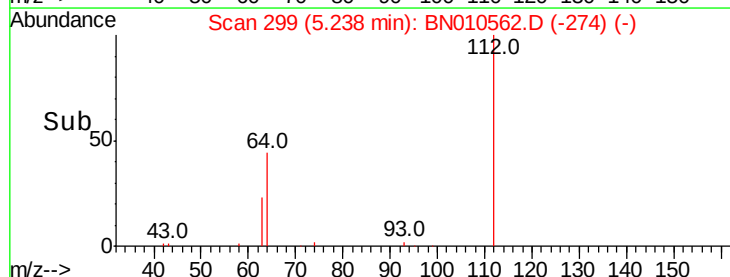
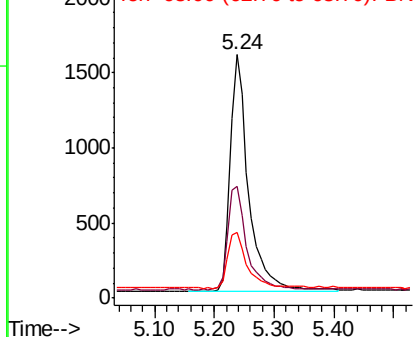
#4

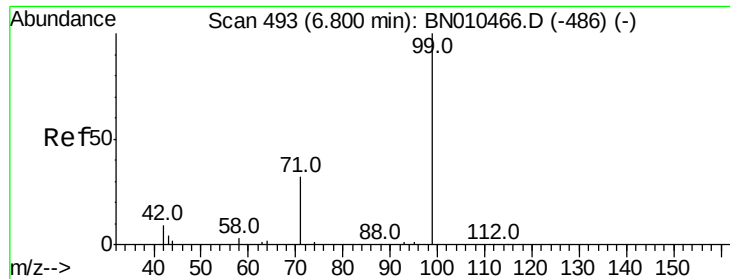
2-Fluorophenol
Concen: 0.371 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.00 min
Lab File: BN010562.D
Acq: 21 Apr 2020 12:33

Tgt Ion:112 Resp: 3335
Ion Ratio Lower Upper
112 100
64 45.0 35.8 53.8
63 25.3 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: 0.329 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128376BL

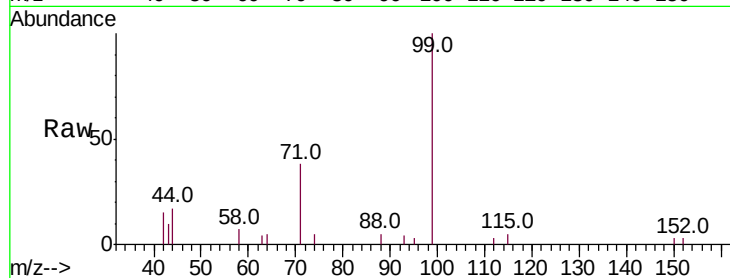
Tot Ion: 99 Resp: 3870

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

71 35.2 27.8 41.8

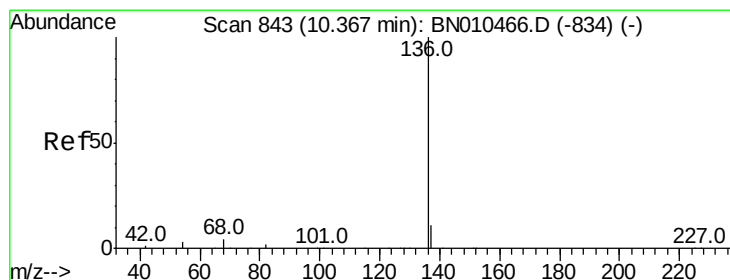
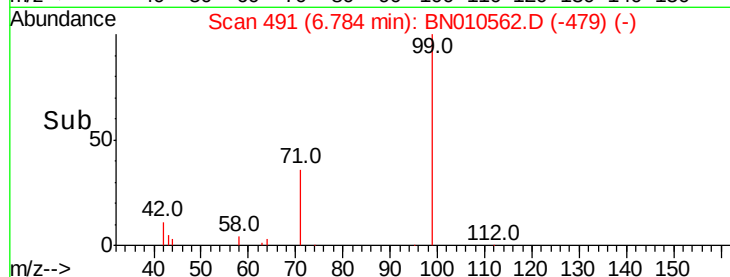
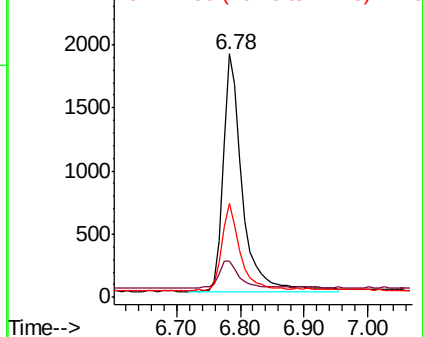


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

Tgt Ion: 136 Resp: 16464

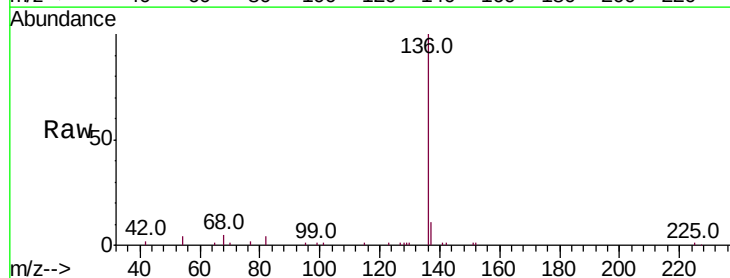
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.9 2.6 4.0

68 4.7 3.4 5.2



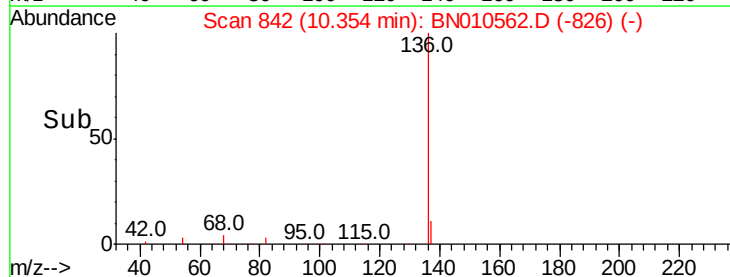
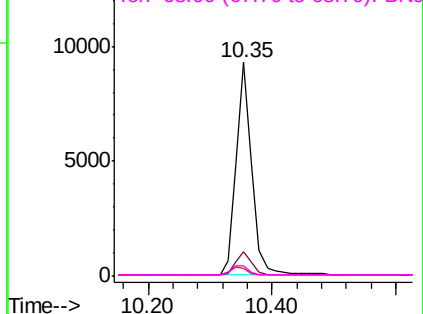
Abundance

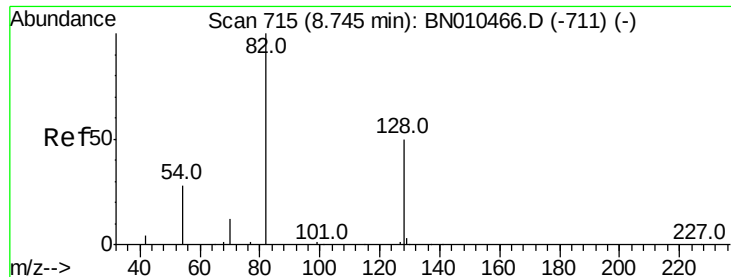
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128376BL

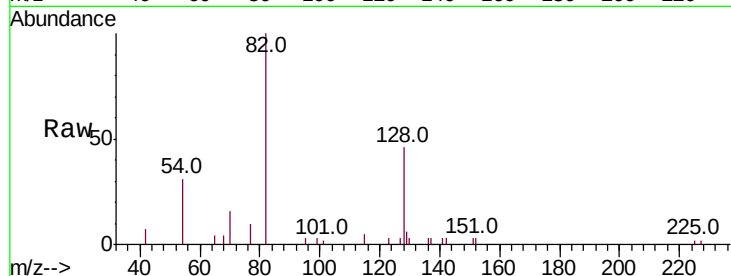
Tot Ion: 82 Resp: 4047

Ion Ratio Lower Upper

82 100

128 45.7 41.3 61.9

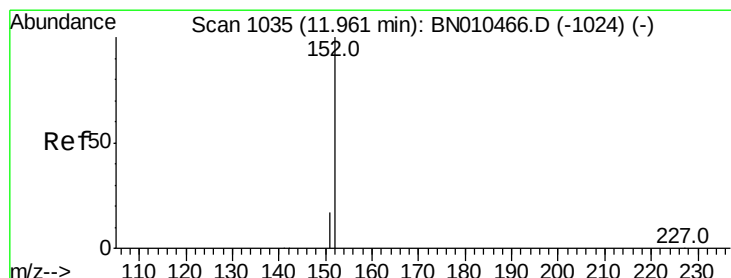
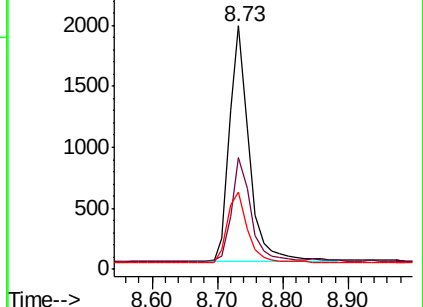
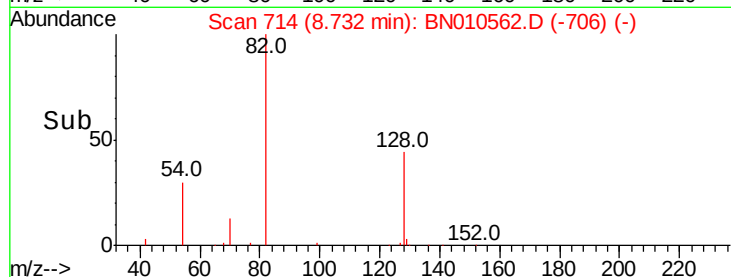
54 31.5 23.4 35.0



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: 0.345 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN010562.D

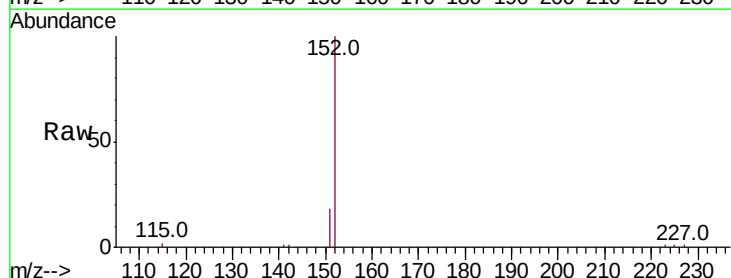
Acq: 21 Apr 2020 12:33

Tgt Ion: 152 Resp: 9336

Ion Ratio Lower Upper

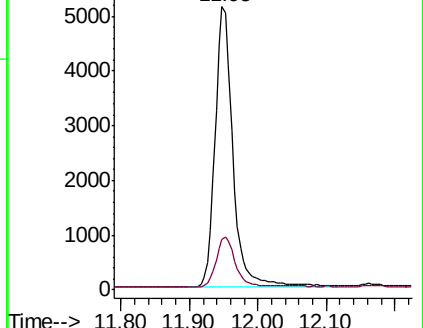
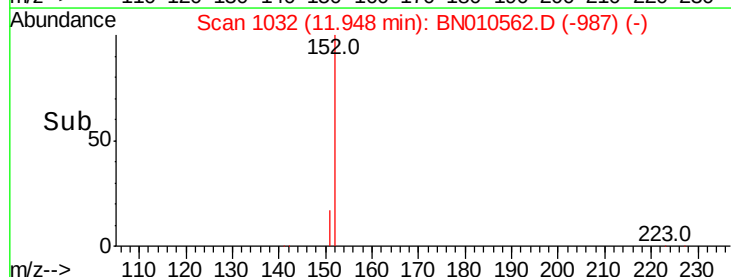
152 100

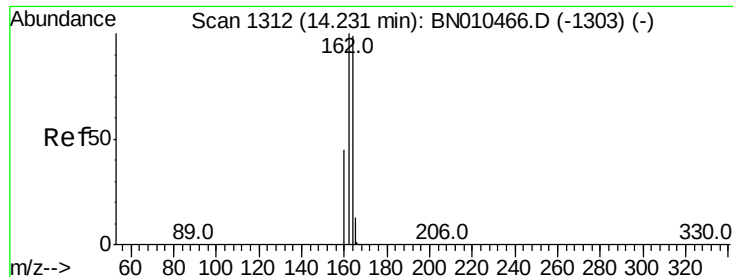
151 19.1 15.3 22.9



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: 14.22 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128376BL

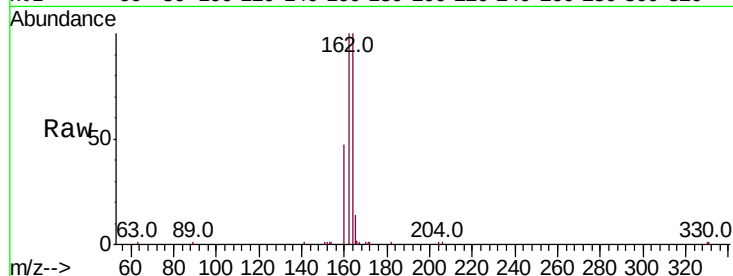
Tot Ion:164 Resp: 10092

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

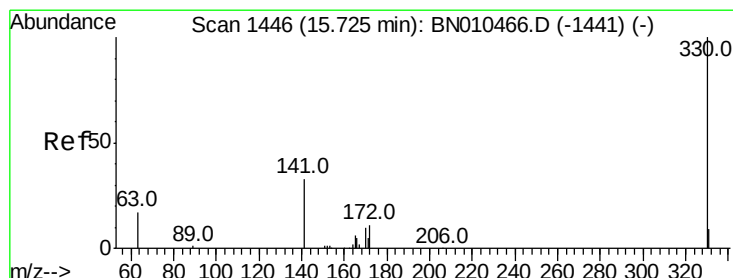
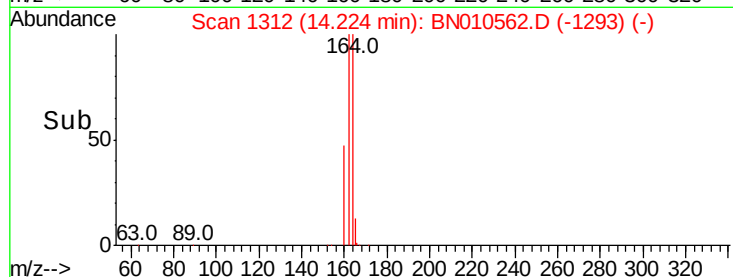
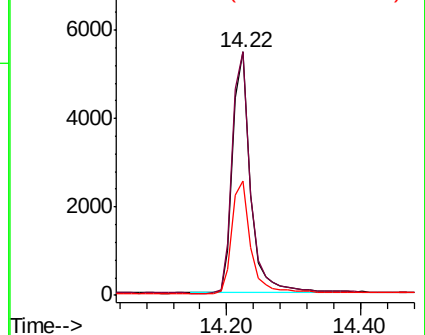
160 47.0 36.5 54.7



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: 0.259 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

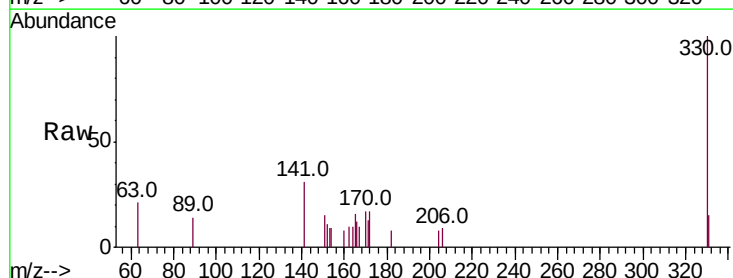
Tgt Ion:330 Resp: 1230

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

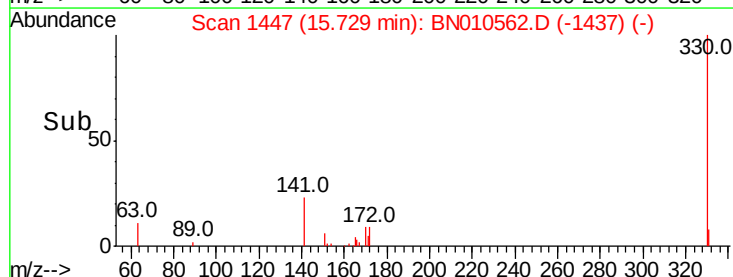
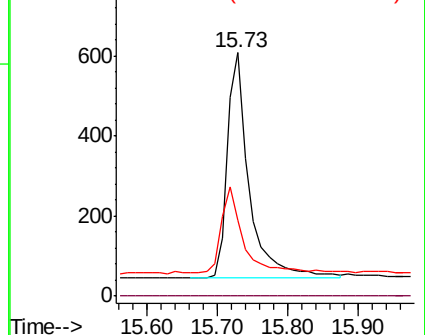
141 37.3 28.1 42.1

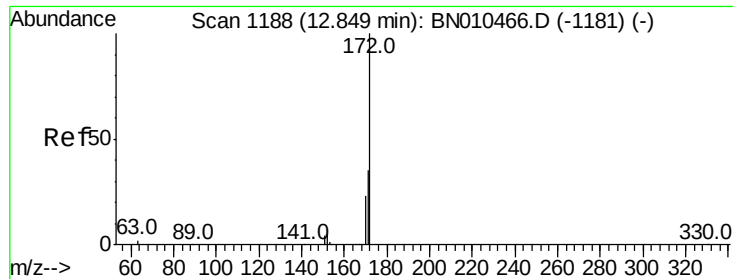


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

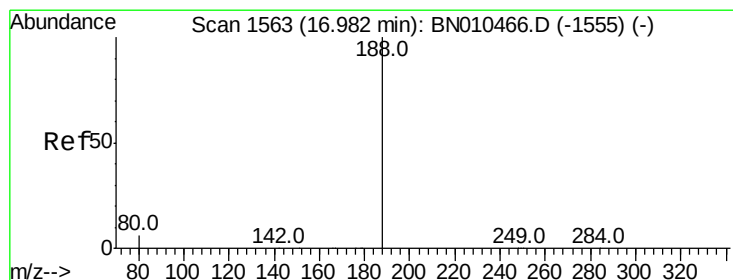
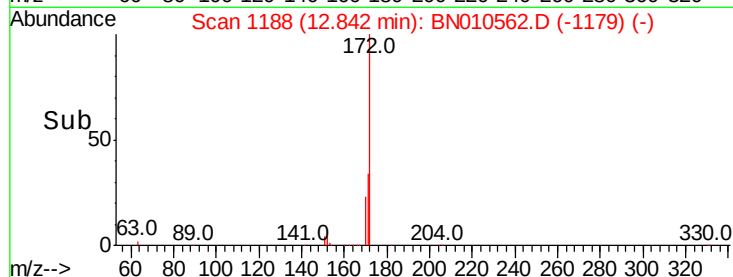
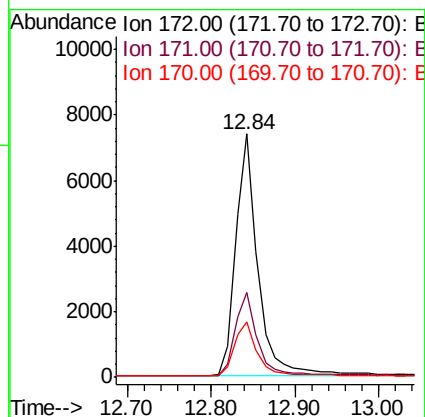
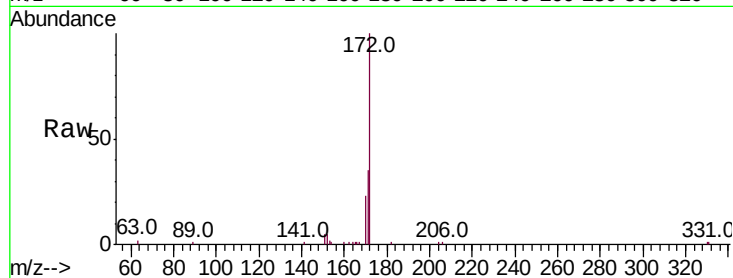




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN010562.D
Acq: 21 Apr 2020 12:33

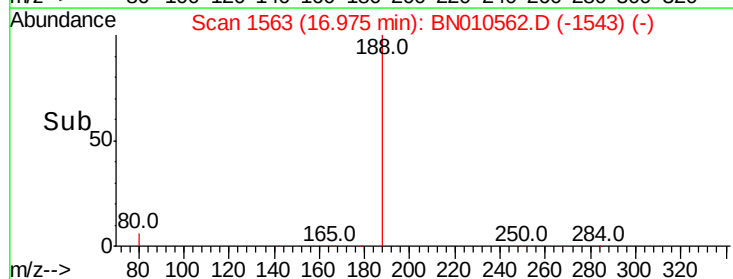
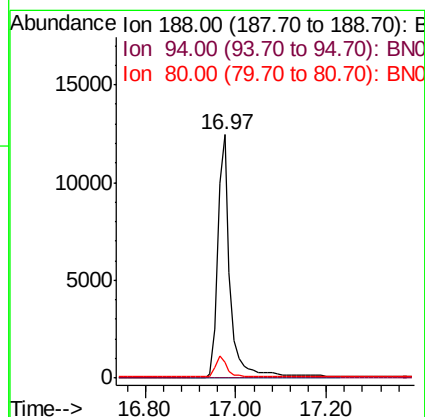
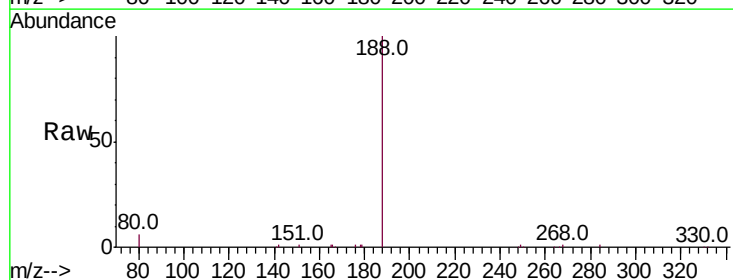
Instrument :
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ClientSampleId :
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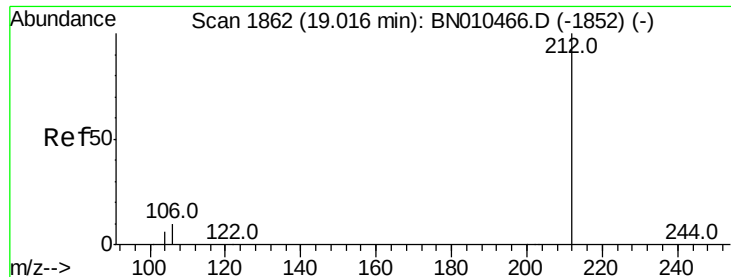
Tot Ion:172 Resp: 13457
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.0 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BN010562.D
Acq: 21 Apr 2020 12:33

Tgt Ion:188 Resp: 23379
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.0 7.6





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.01 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128376BL

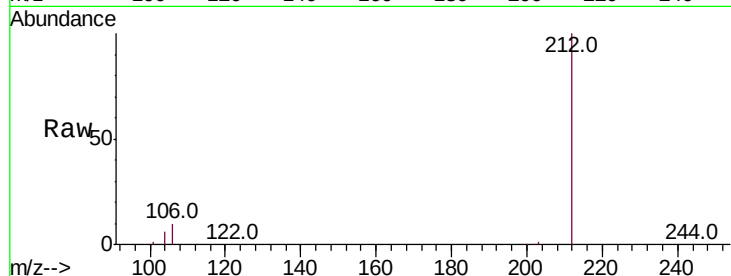
Tot Ion:212 Resp: 23965

Ion Ratio Lower Upper

212 100

106 9.7 7.8 11.6

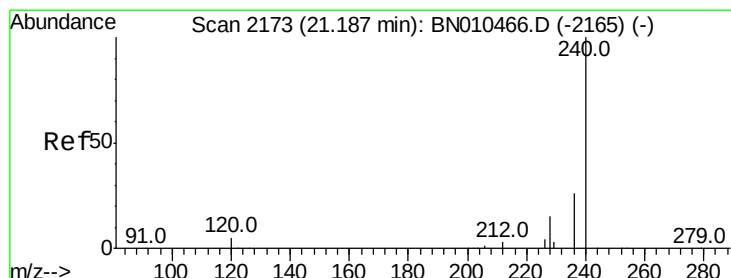
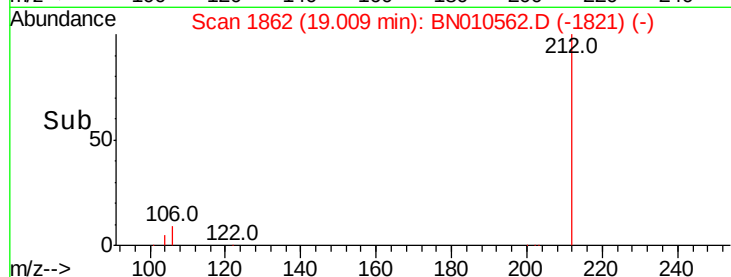
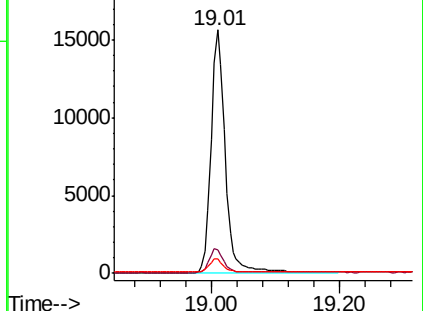
104 5.6 4.5 6.7



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: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

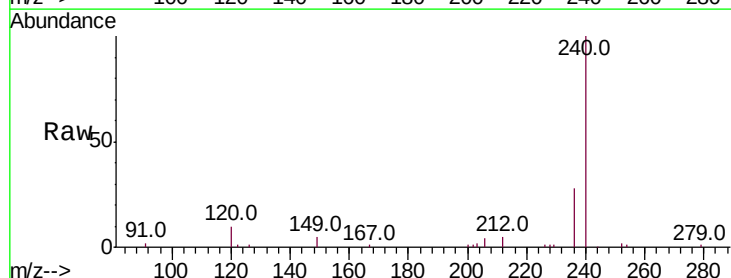
Tgt Ion:240 Resp: 20804

Ion Ratio Lower Upper

240 100

120 9.5 4.8 7.2#

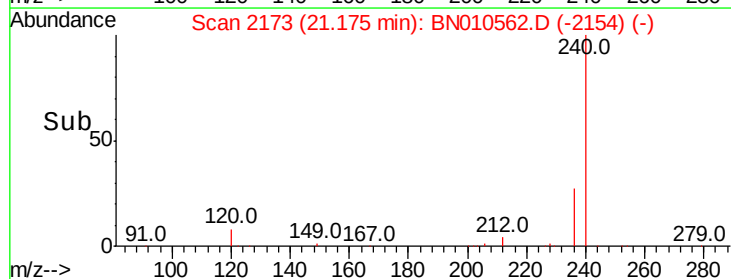
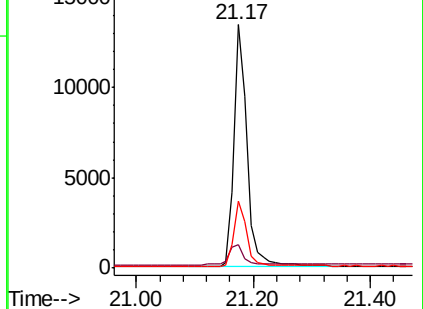
236 27.7 21.4 32.0

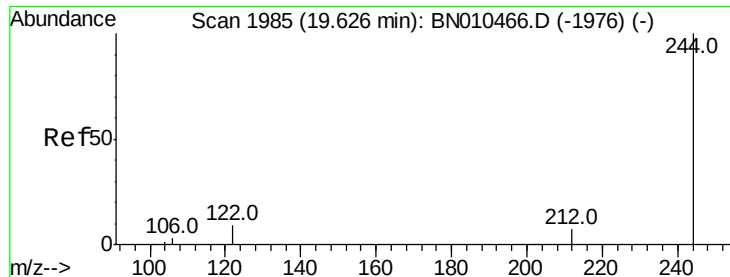


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.62 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010562.D

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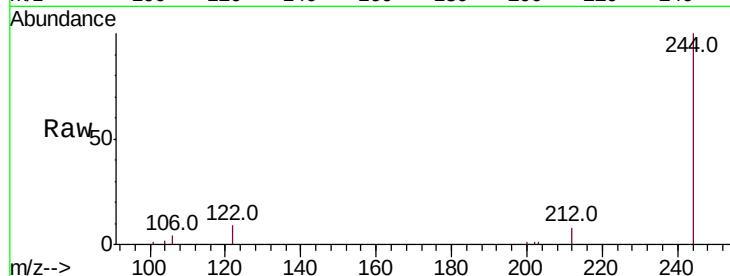
Tot Ion:244 Resp: 18293

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

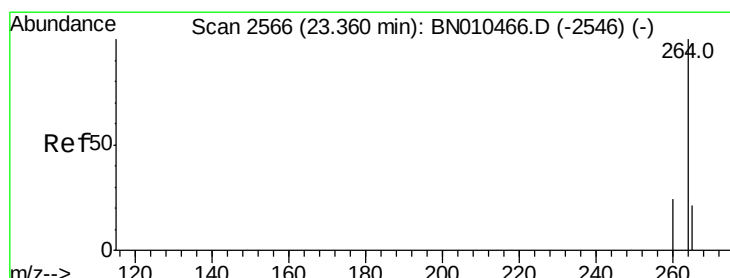
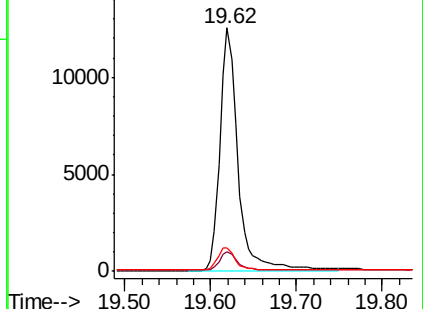
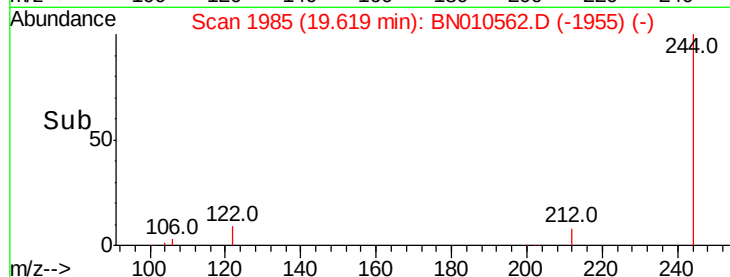
122 9.4 7.8 11.8



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: 23.35 min Scan# 2565

Delta R.T. 0.00 min

Lab File: BN010562.D

Acq: 21 Apr 2020 12:33

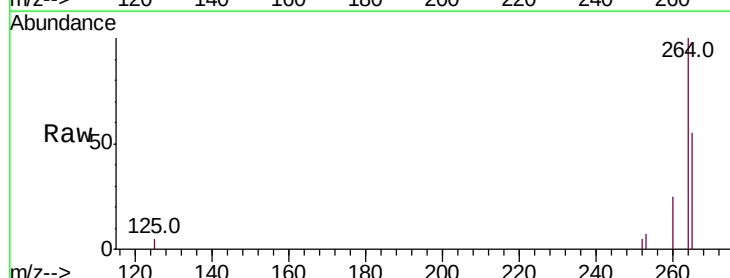
Tgt Ion:264 Resp: 19120

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 55.2 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

