

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010306.D
 Acq On : 20 Mar 2020 11:04
 Operator : CG/JU
 Sample : PB127689BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 11:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4760	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16624	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9408	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	21900	0.40	ng	0.00
27) Chrysene-d12	21.19	240	22810	0.40	ng	0.00
34) Perylene-d12	23.36	264	24483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3687	0.39	ng	0.00
5) Phenol-d6	6.80	99	4505	0.38	ng	0.00
8) Nitrobenzene-d5	8.75	82	6168	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8131	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	1055	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	22987	0.64	ng	0.00
25) Fluoranthene-d10	19.02	212	19729	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	26481	0.54	ng	0.00

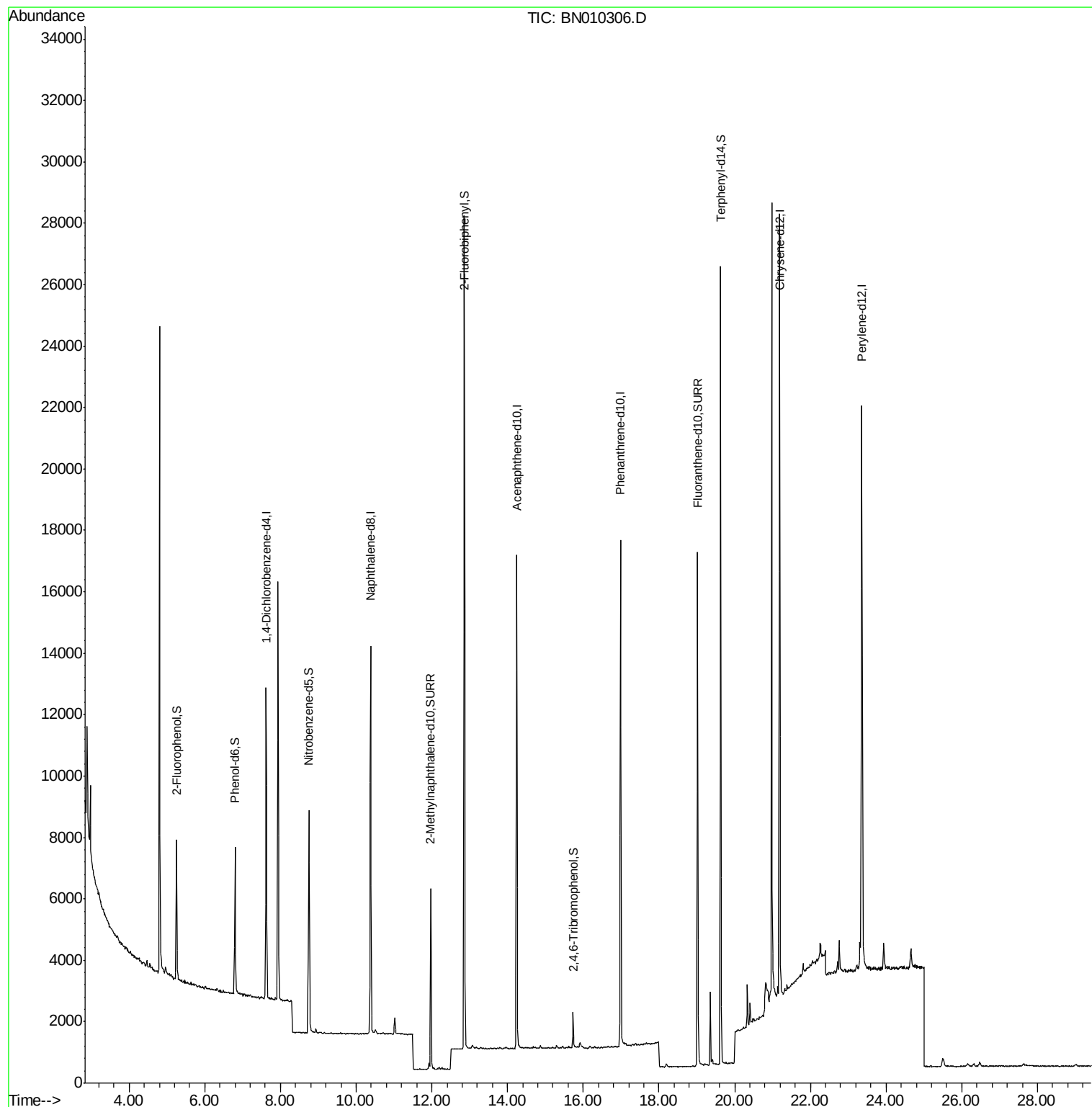
Target Compounds	Qvalue
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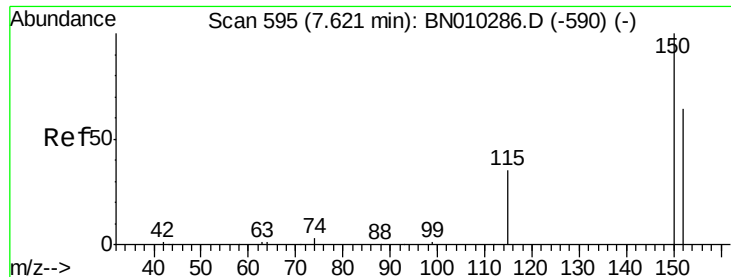
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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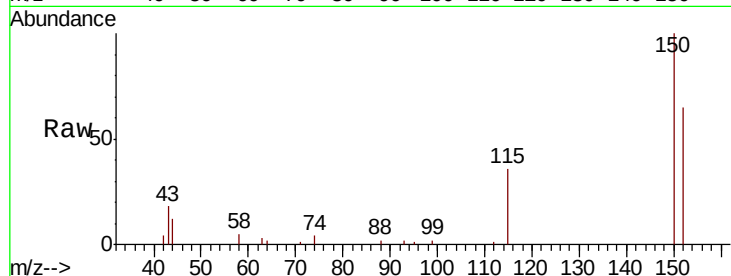


#1

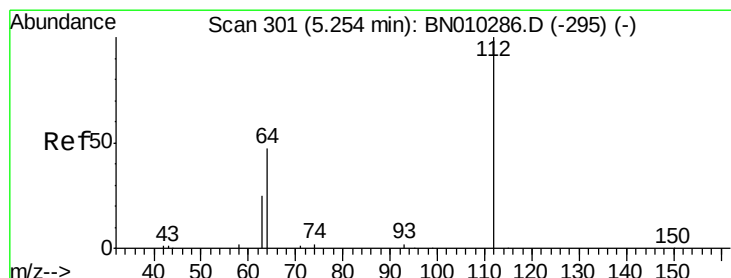
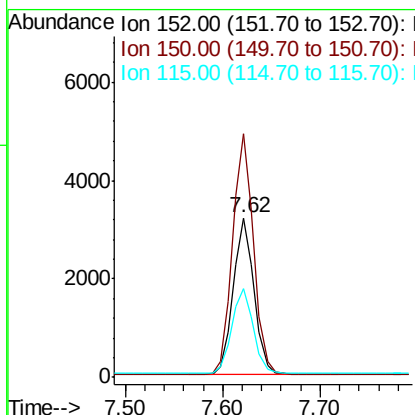
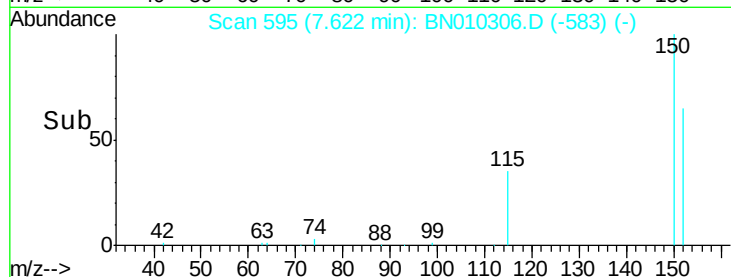
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010306.D
Acq: 20 Mar 2020 11:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4760
Ion Ratio Lower Upper
152 100
150 152.9 123.1 184.7
115 55.8 45.2 67.8



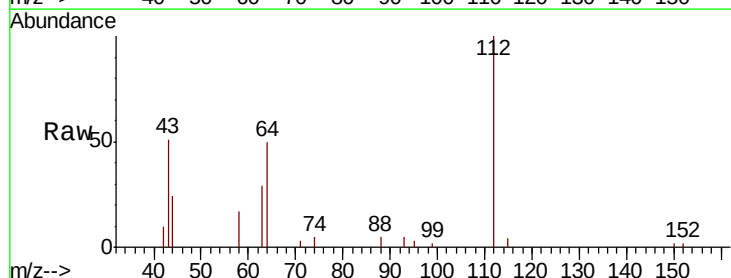
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



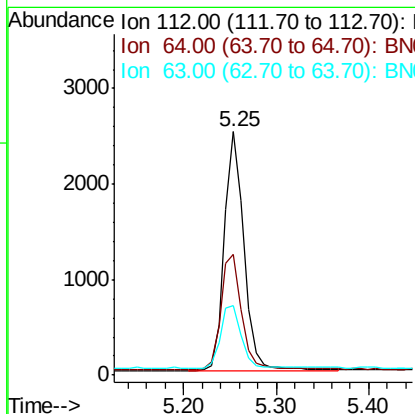
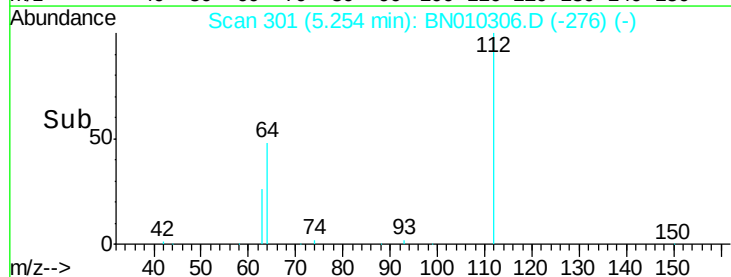
#4

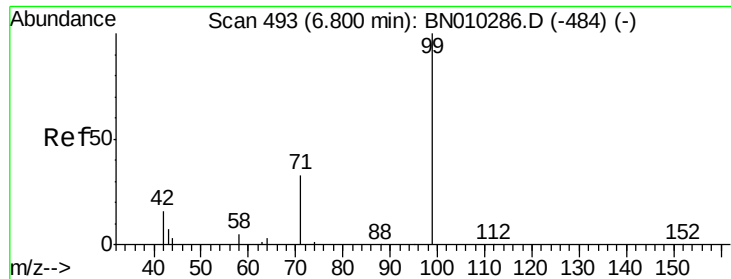
2-Fluorophenol
Concen: 0.391 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010306.D
Acq: 20 Mar 2020 11:04

Tgt Ion:112 Resp: 3687
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 28.0 22.9 34.3



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: 0.384 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

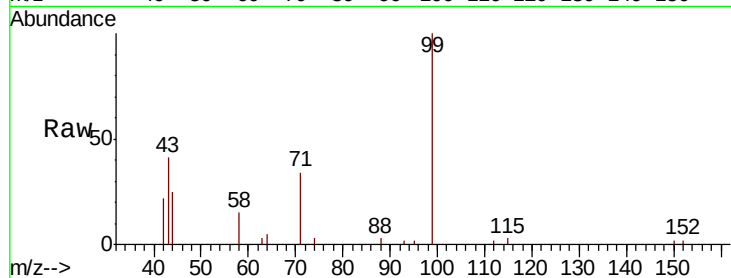
Tot Ion: 99 Resp: 4505

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

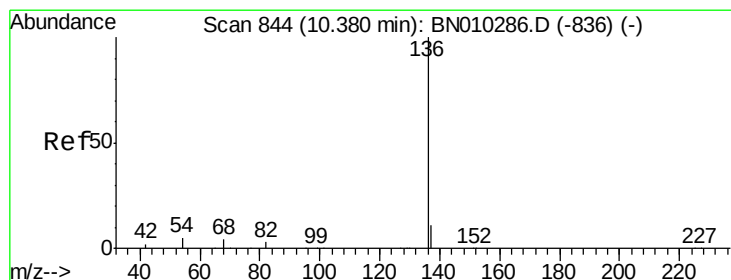
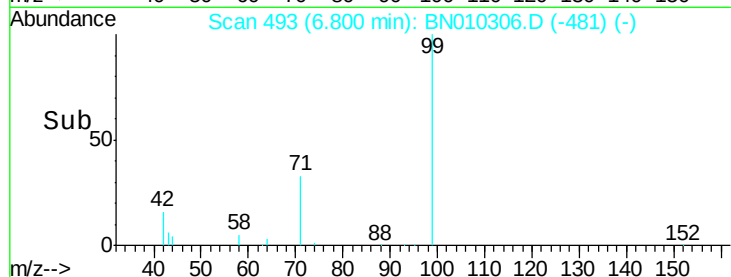
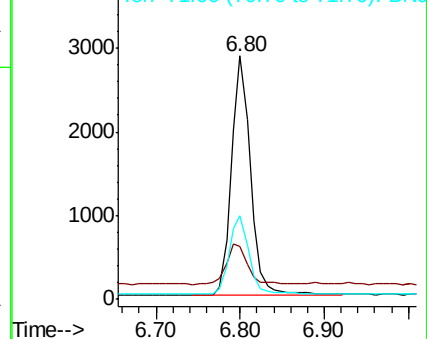
71 34.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Tgt Ion: 136 Resp: 16624

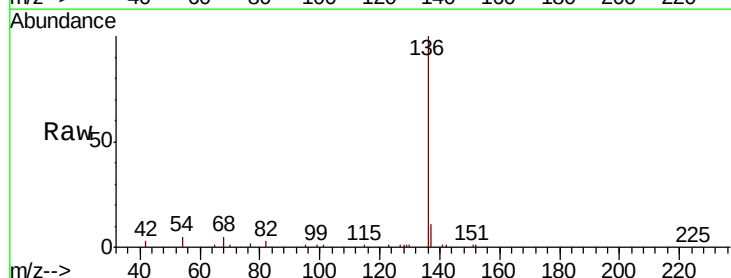
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.0 4.8 7.2

68 4.6 4.1 6.1

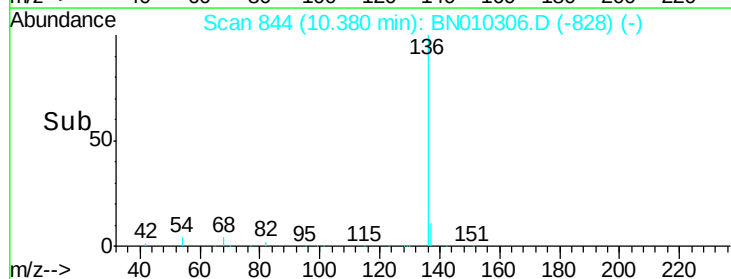
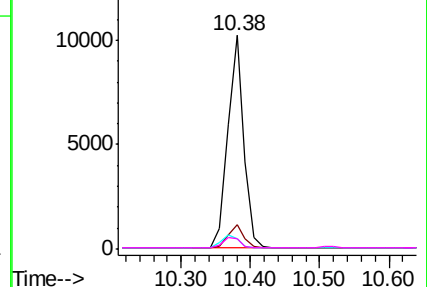


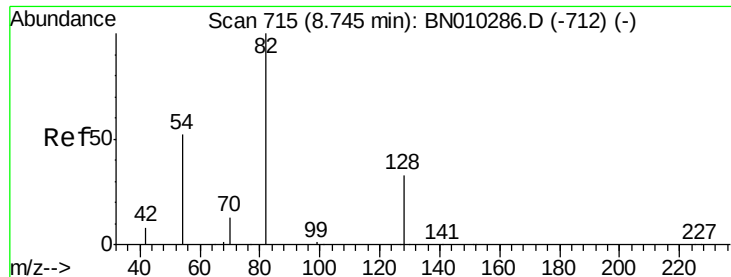
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)





#8

Nitrobenzene-d5

Concen: 0.579 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

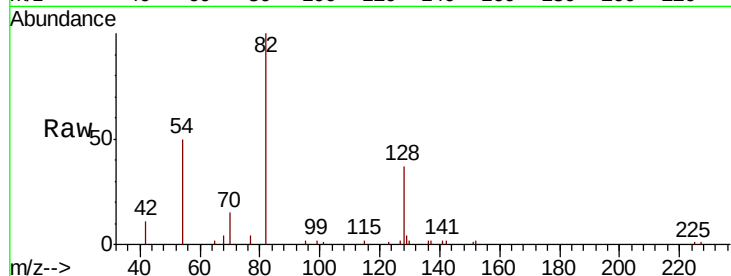
Tot Ion: 82 Resp: 6168

Ion Ratio Lower Upper

82 100

128 36.7 28.8 43.2

54 49.9 42.1 63.1



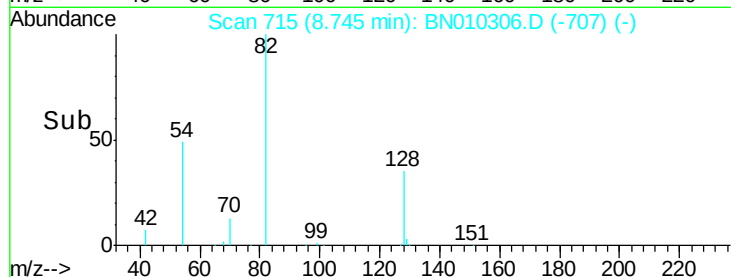
Abundance Ion 82.00 (81.70 to 82.70): BN010286.D (-712) (-)

Ion 128.00 (127.70 to 128.70): BN010286.D (-712) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-712) (-)

8.75

Time-->



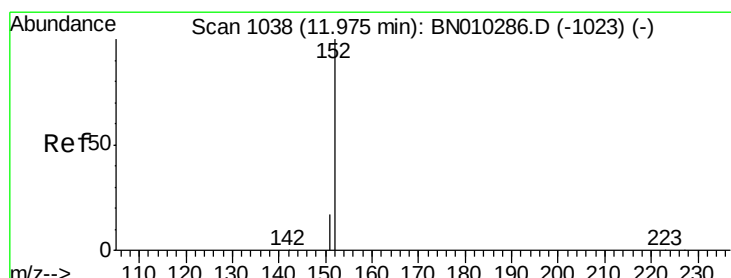
Abundance Ion 82.00 (81.70 to 82.70): BN010306.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010306.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010306.D (-707) (-)

8.75

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010306.D

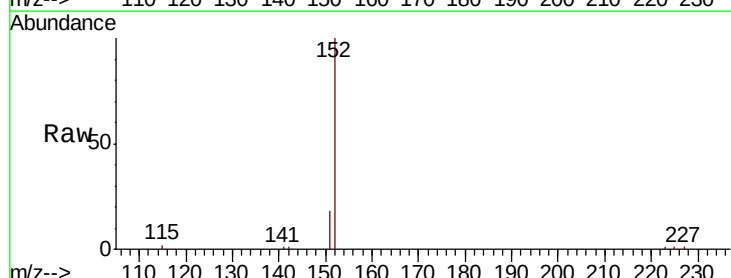
Acq: 20 Mar 2020 11:04

Tgt Ion: 152 Resp: 8131

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

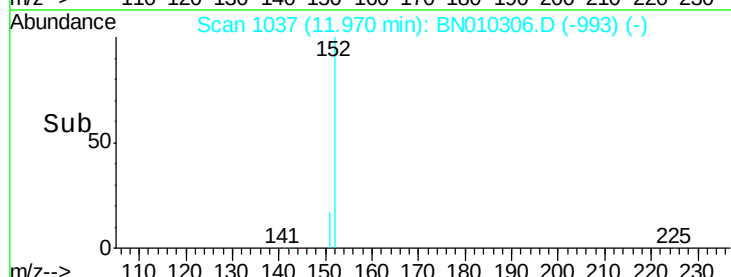


Abundance Ion 152.00 (151.70 to 152.70): BN010286.D (-1023) (-)

Ion 151.00 (150.70 to 151.70): BN010286.D (-1023) (-)

11.97

Time-->

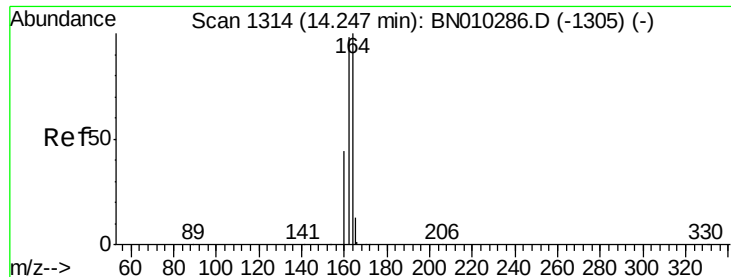


Abundance Ion 152.00 (151.70 to 152.70): BN010306.D (-993) (-)

Ion 151.00 (150.70 to 151.70): BN010306.D (-993) (-)

11.97

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

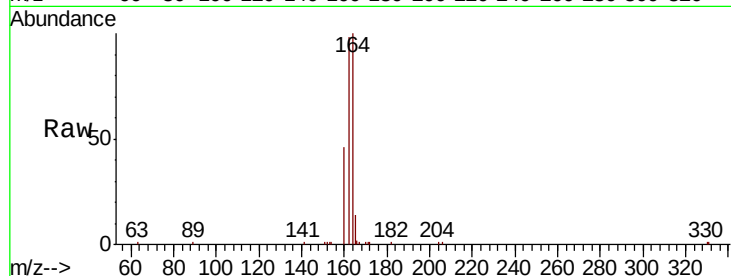
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 9408

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.2	117.2
160	46.2	35.8	53.6

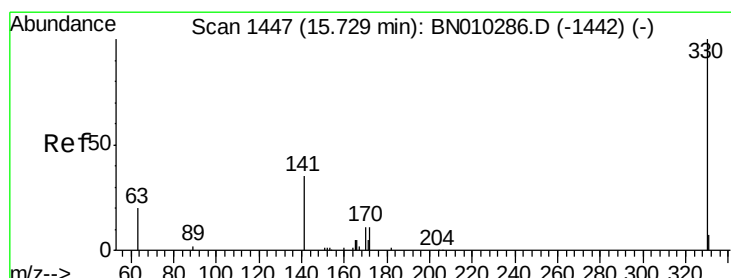
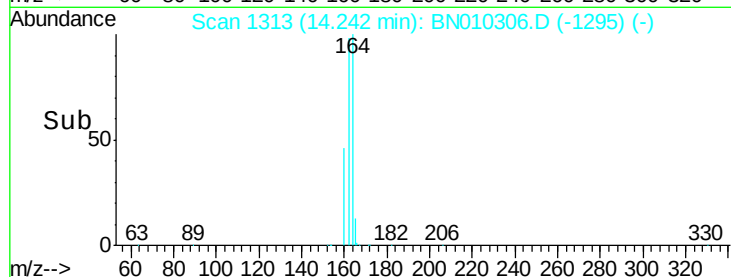
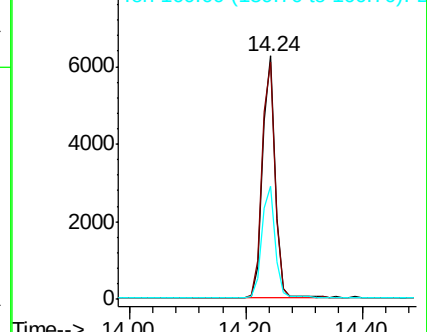


Abundance

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: 0.292 ng

RT: 15.74 min Scan# 1447

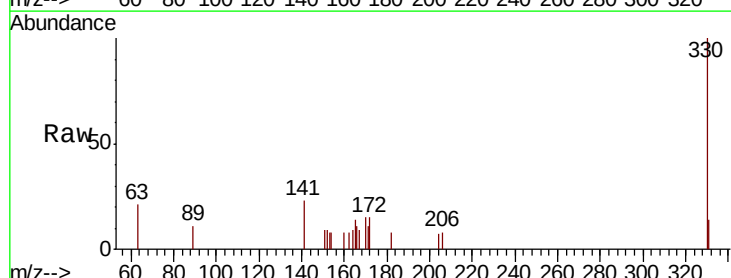
Delta R.T. 0.01 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Tgt Ion:330 Resp: 1055

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	29.3	43.9

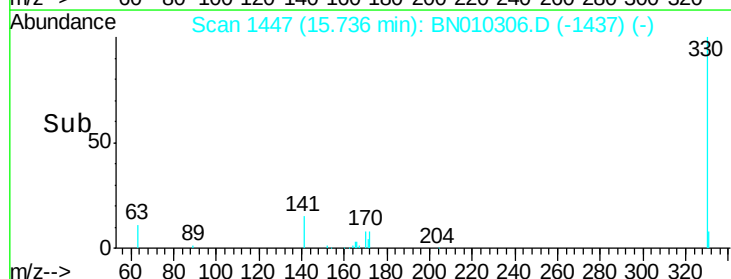
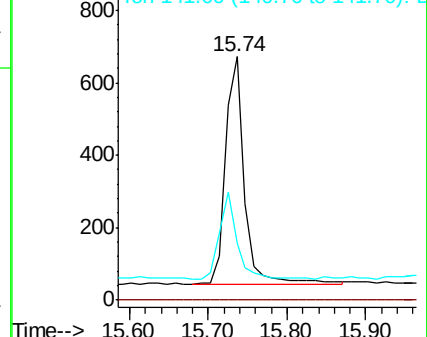


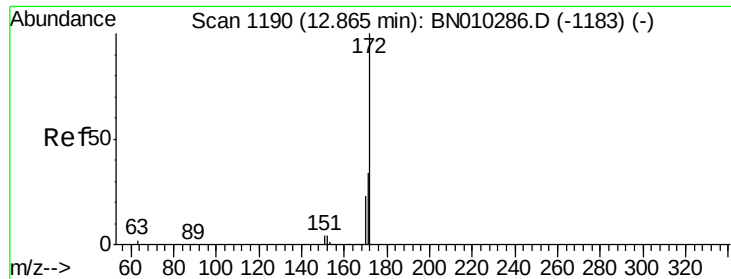
Abundance

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

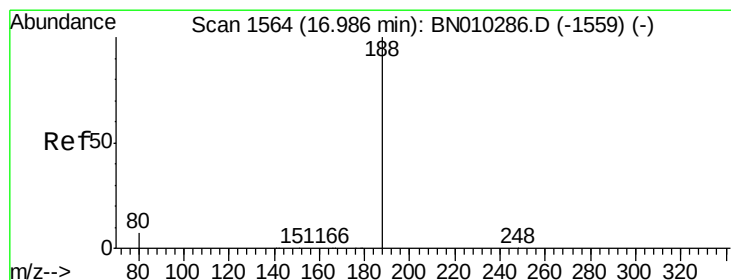
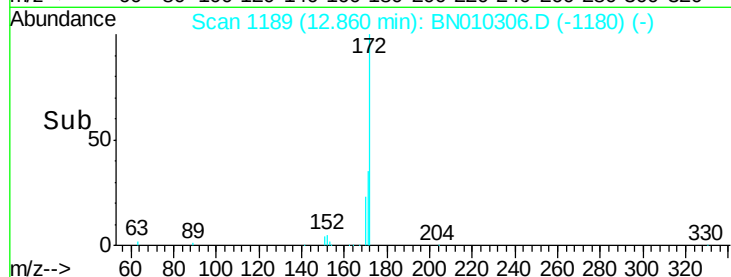
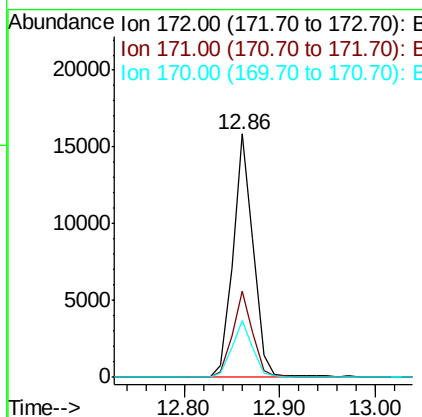
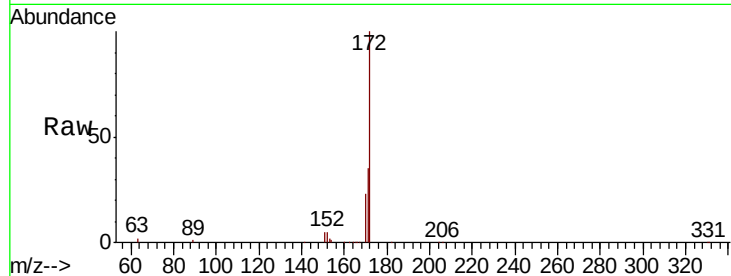




#15
2-Fluorobiphenyl
Concen: 0.638 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010306.D
Acq: 20 Mar 2020 11:04

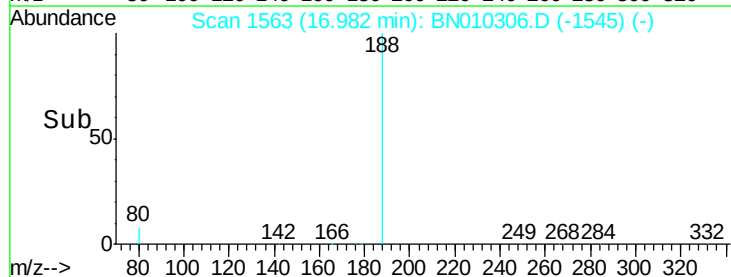
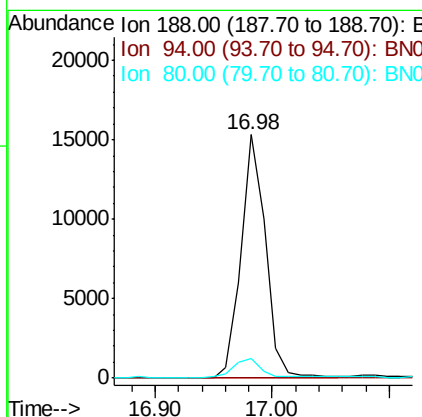
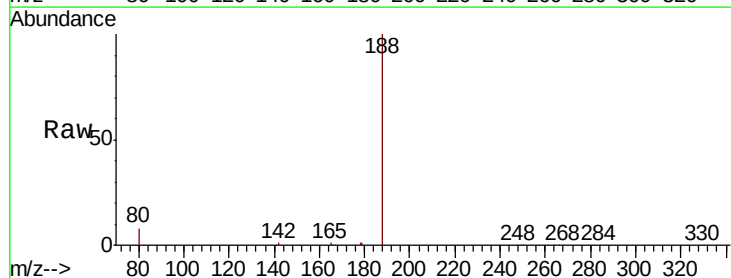
Instrument :
BNA_N
ClientSampleId :

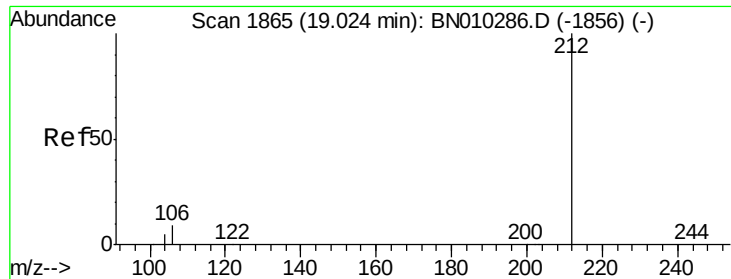
Tot Ion:172 Resp: 22987
Ion Ratio Lower Upper
172 100
171 35.2 27.6 41.4
170 23.5 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010306.D
Acq: 20 Mar 2020 11:04

Tgt Ion:188 Resp: 21900
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 6.0 9.0





#25

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

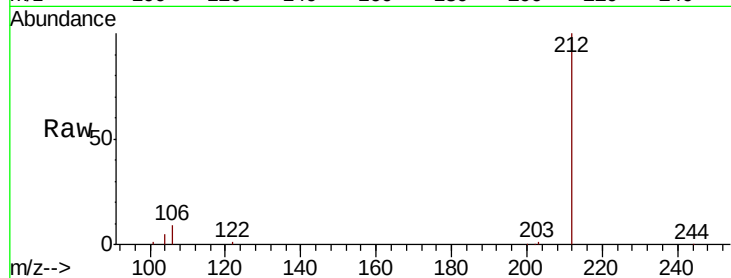
Tot Ion:212 Resp: 19729

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

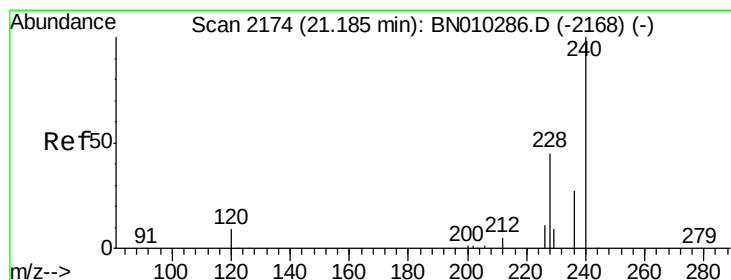
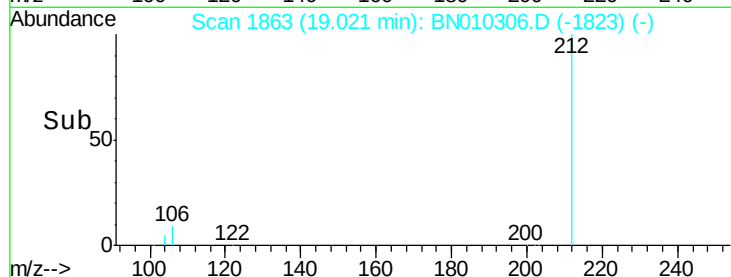
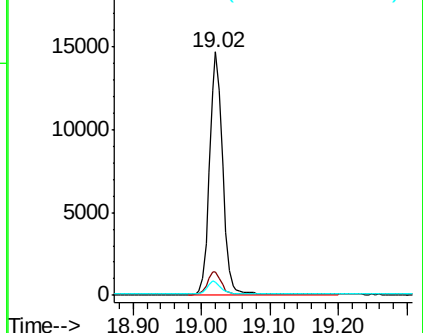
104 5.4 4.2 6.4



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# 2173

Delta R.T. 0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

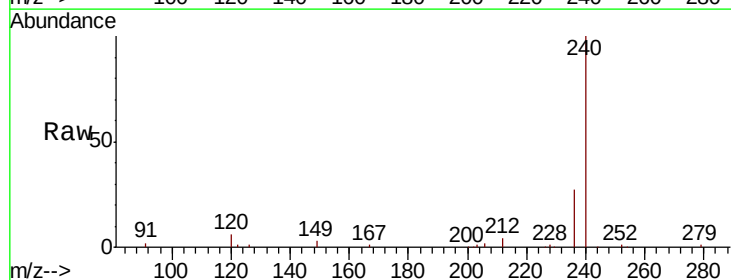
Tgt Ion:240 Resp: 22810

Ion Ratio Lower Upper

240 100

120 6.2 7.9 11.9#

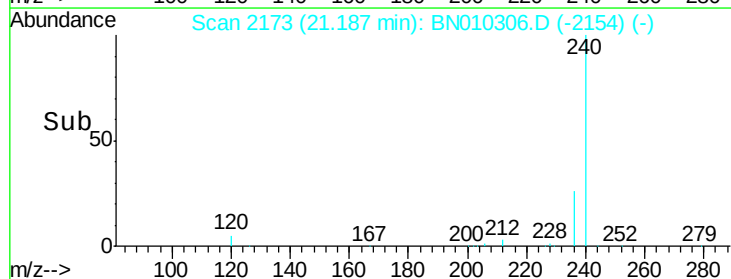
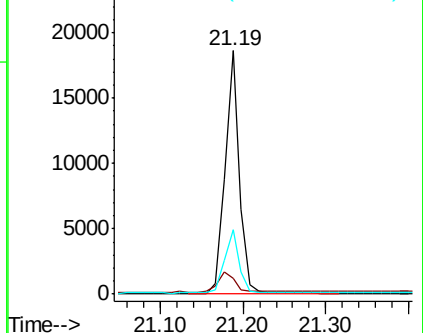
236 26.5 22.2 33.4

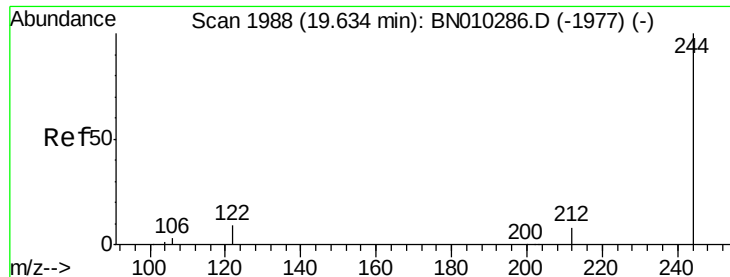


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.537 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

Instrument :

BNA_N

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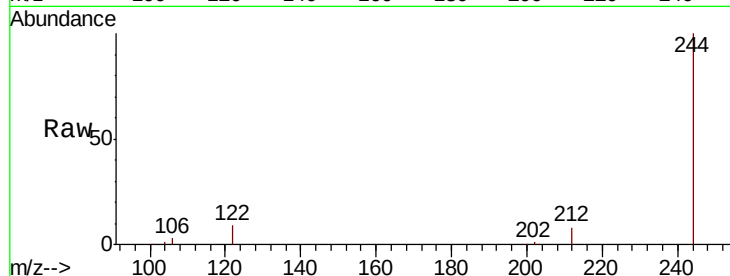
Tot Ion:244 Resp: 26481

Ion Ratio Lower Upper

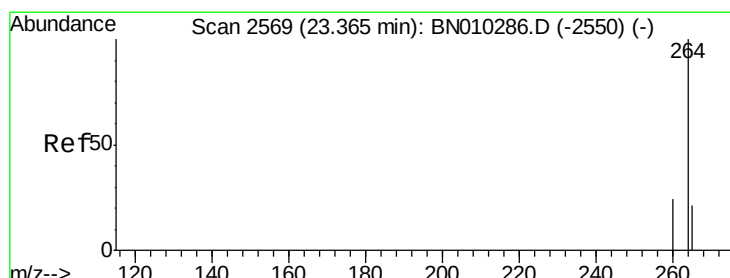
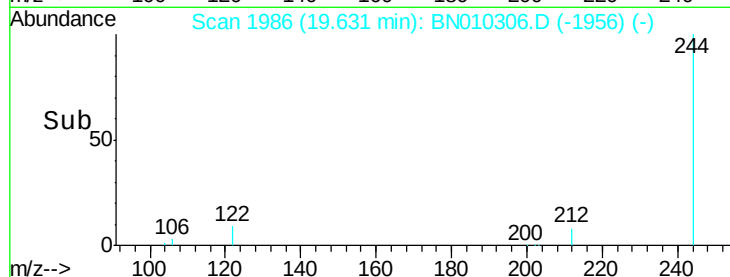
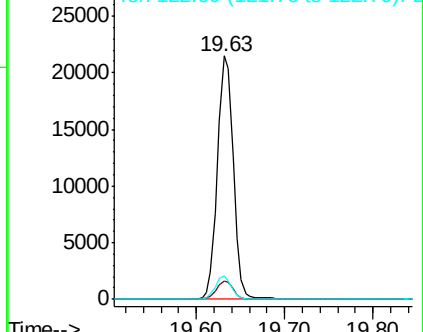
244 100

212 7.8 6.3 9.5

122 9.4 7.6 11.4



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# 2566

Delta R.T. -0.00 min

Lab File: BN010306.D

Acq: 20 Mar 2020 11:04

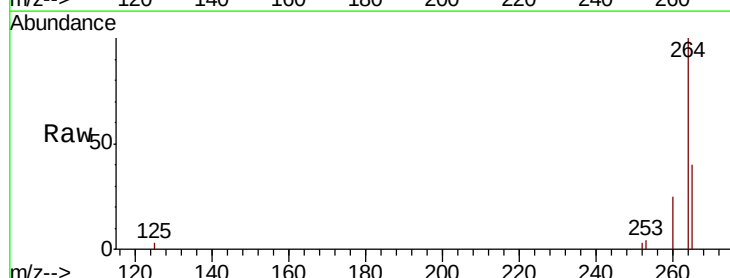
Tgt Ion:264 Resp: 24483

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 39.8 32.4 48.6



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

