

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
 Data File : BN003358.D
 Acq On : 30 Oct 2018 14:24
 Operator : MJ/SJ
 Sample : PB114259BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114259BL

Quant Time: Oct 30 18:18:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	14681	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	57610	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	30459	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	67584	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	44738	0.40	ng	-0.01
34) Perylene-d12	23.73	264	38867	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	9510	0.26	ng	0.00
5) Phenol-d6	7.01	99	11256	0.25	ng	0.00
8) Nitrobenzene-d5	9.02	82	8018	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	22915	0.24	ng	-0.01
14) 2,4,6-Tribromophenol	15.98	330	1933	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	34659	0.26	ng	-0.01
25) Fluoranthene-d10	19.26	212	39257	0.20	ng	-0.01
29) Terphenyl-d14	19.86	244	32666	0.31	ng	-0.01

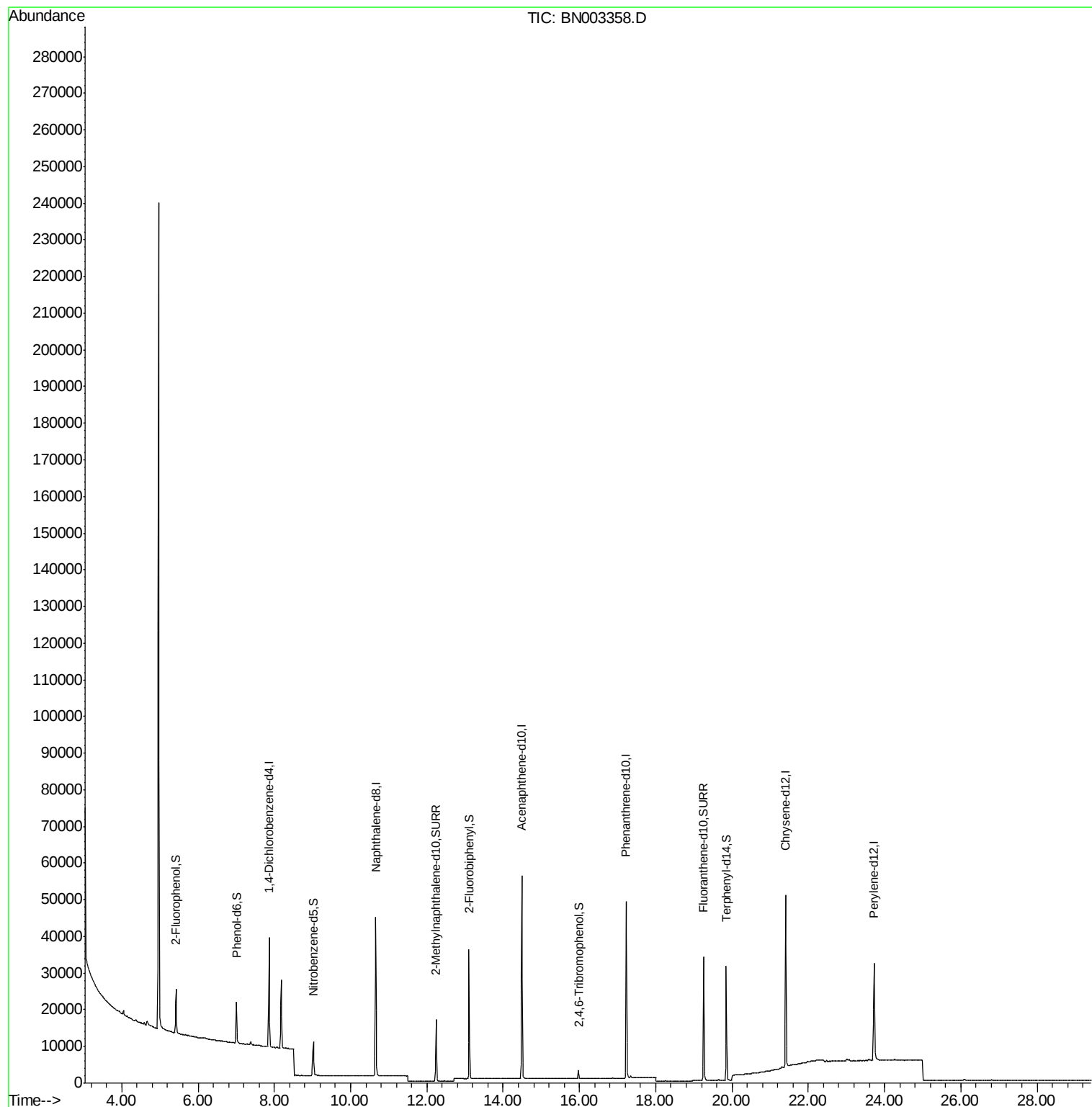
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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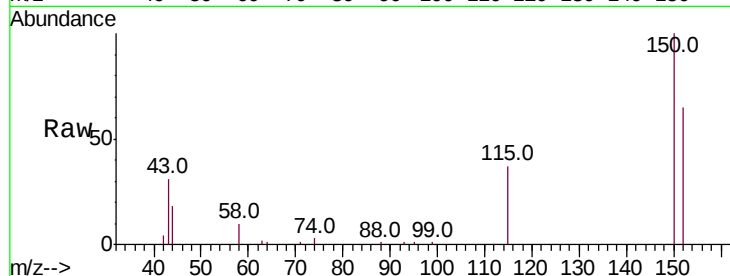


#1

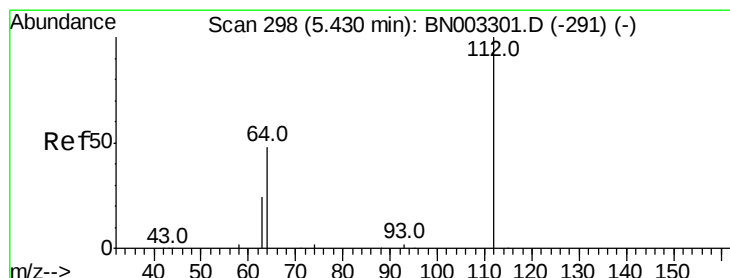
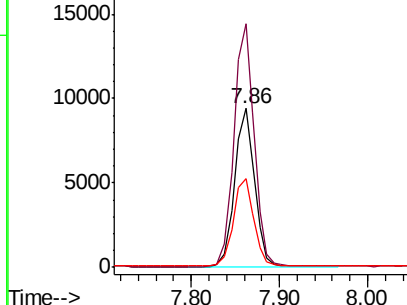
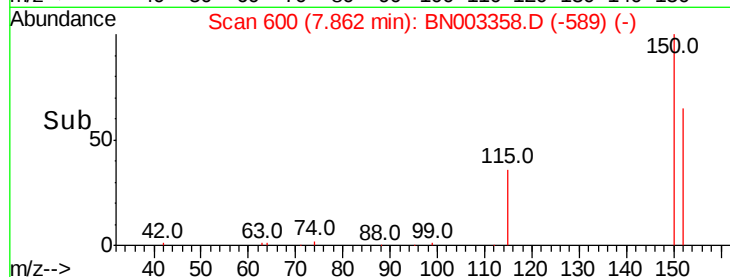
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003358.D
Acq: 30 Oct 2018 14:24

Instrument :
BNA_N
ClientSampleId :
PB114259BL

Tot Ion:152 Resp: 14681
Ion Ratio Lower Upper
152 100
150 153.5 124.6 187.0
115 56.1 46.4 69.6



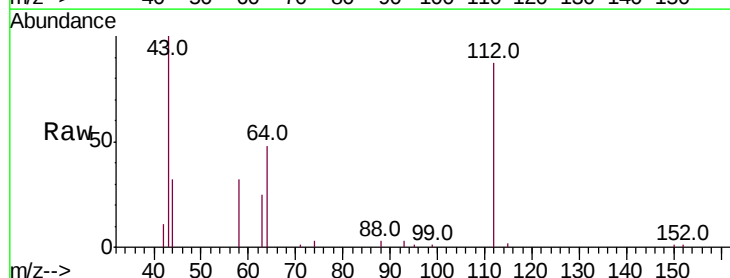
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



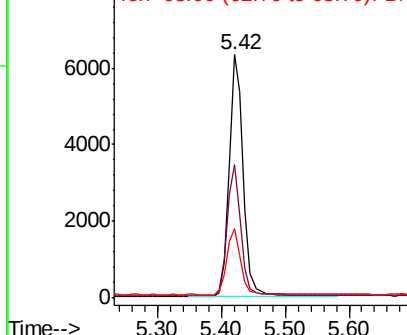
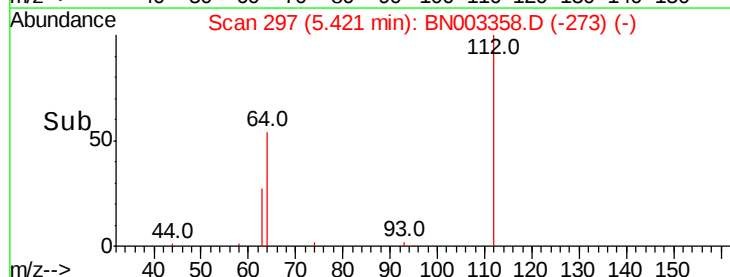
#4

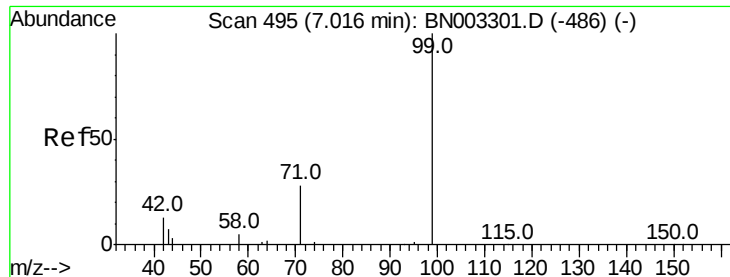
2-Fluorophenol
Concen: 0.262 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003358.D
Acq: 30 Oct 2018 14:24

Tgt Ion:112 Resp: 9510
Ion Ratio Lower Upper
112 100
64 53.4 44.3 66.5
63 26.8 22.4 33.6



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: 0.245 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA_N

ClientSampleId :

PB114259BL

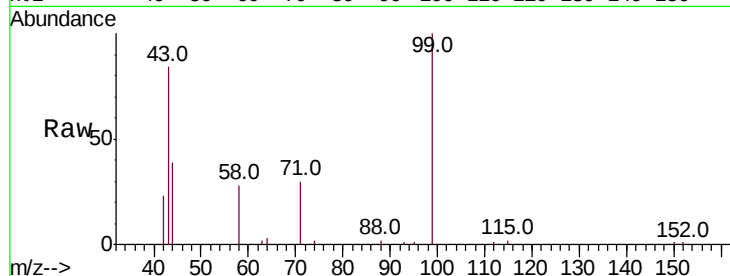
Tot Ion: 99 Resp: 11256

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

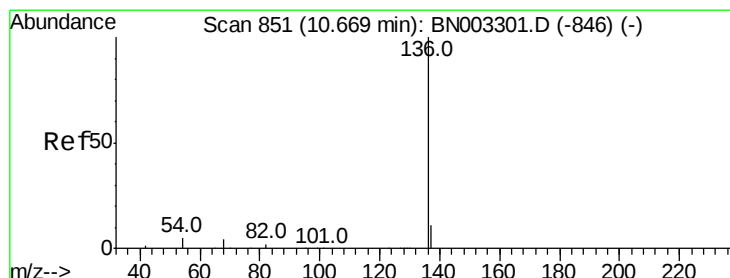
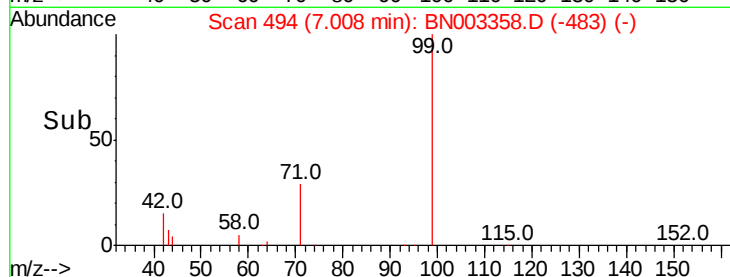
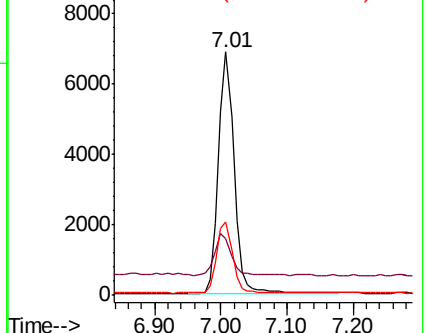
71 30.0 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003301.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN003301.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN003301.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Tgt Ion:136 Resp: 57610

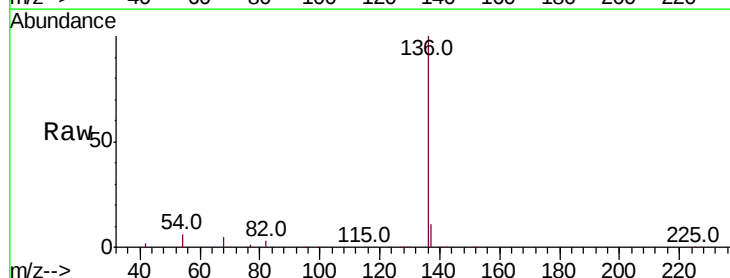
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.6 4.1 6.1

68 4.8 3.5 5.3

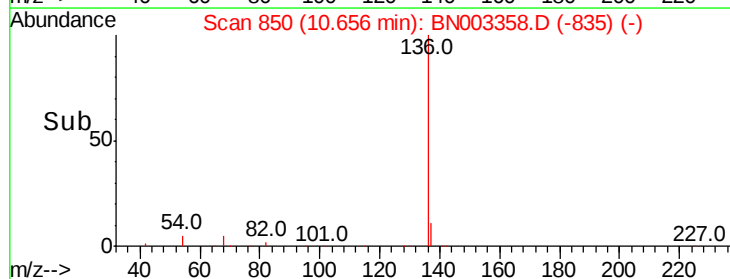
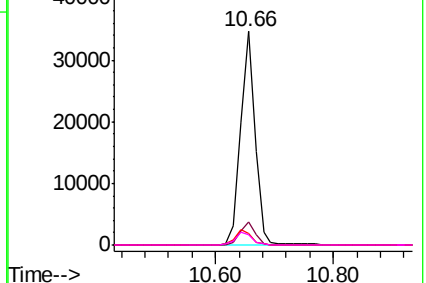


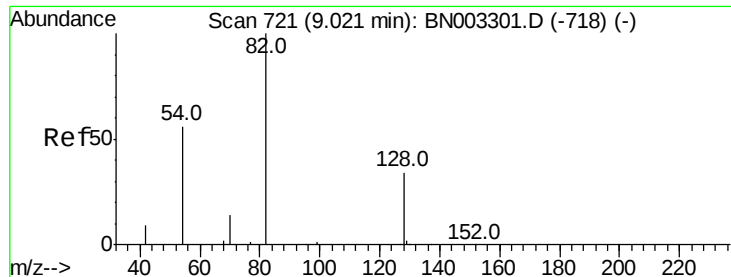
Abundance Ion 136.00 (135.70 to 136.70): BN003301.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN003301.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN003301.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN003301.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA_N

ClientSampleId :

PB114259BL

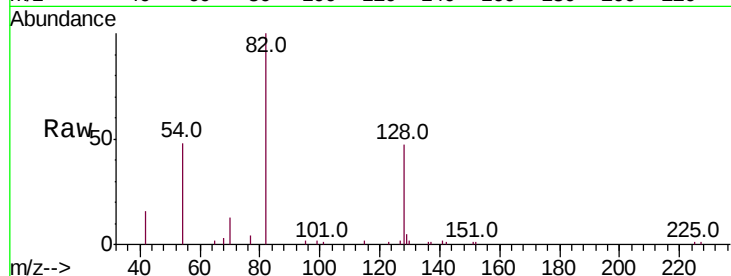
Tot Ion: 82 Resp: 8018

Ion Ratio Lower Upper

82 100

128 46.5 28.9 43.3#

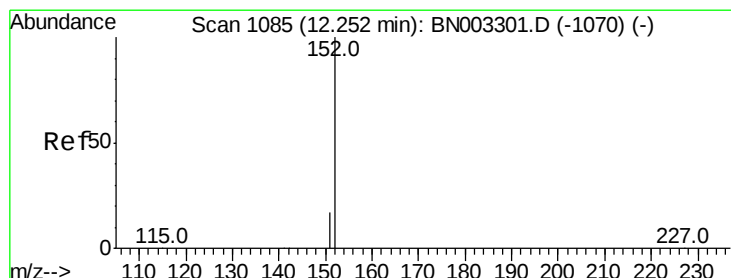
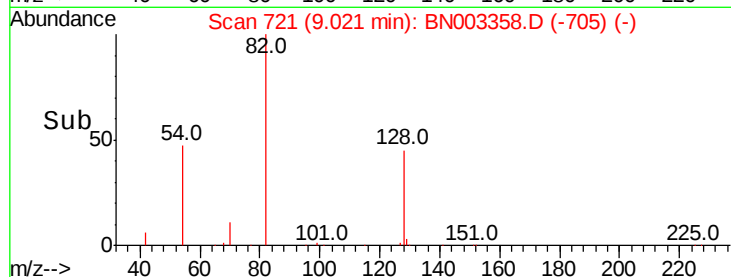
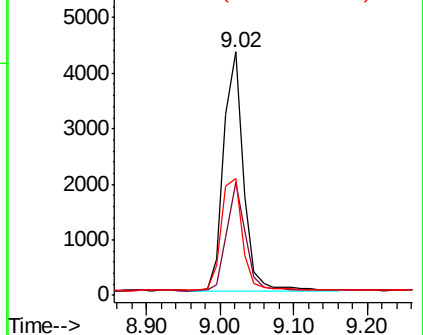
54 47.8 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.24 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BN003358.D

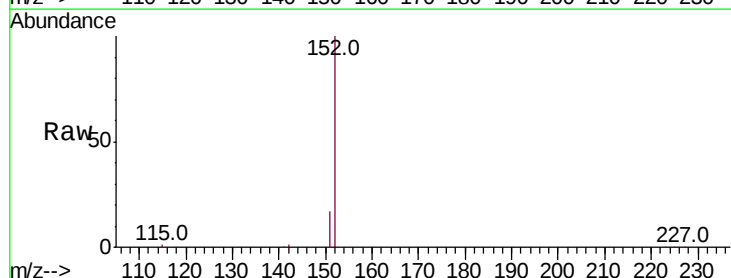
Acq: 30 Oct 2018 14:24

Tgt Ion: 152 Resp: 22915

Ion Ratio Lower Upper

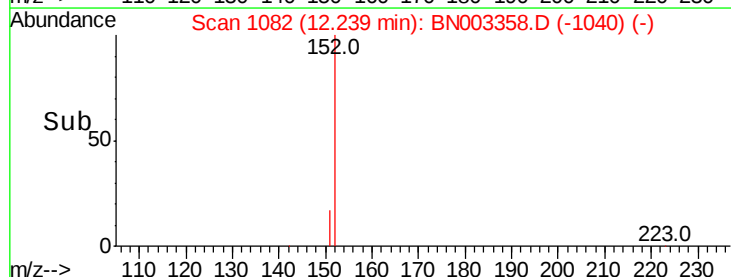
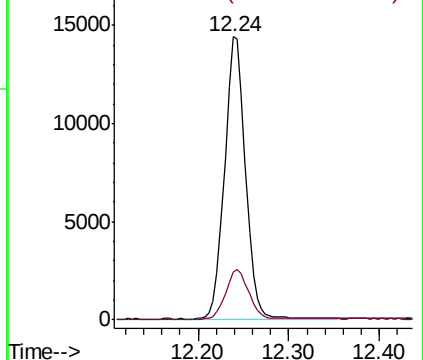
152 100

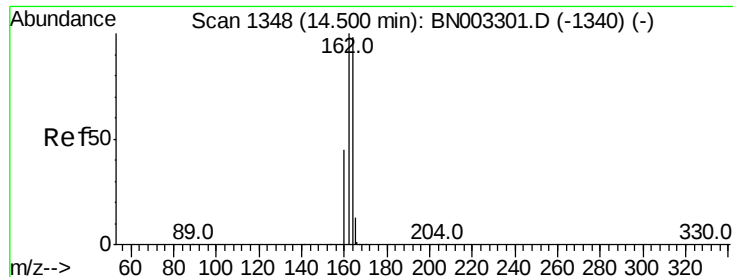
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN0

Ion 151.00 (150.70 to 151.70): BN0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA_N

ClientSampleId :

PB114259BL

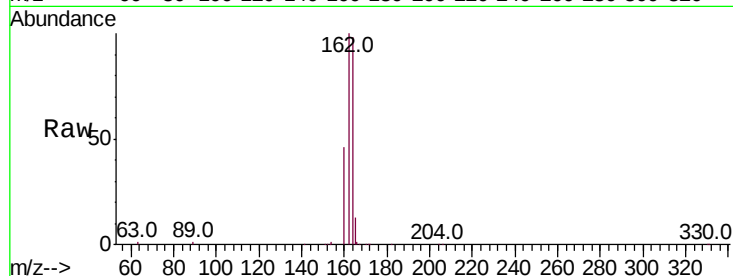
Tot Ion:164 Resp: 30459

Ion Ratio Lower Upper

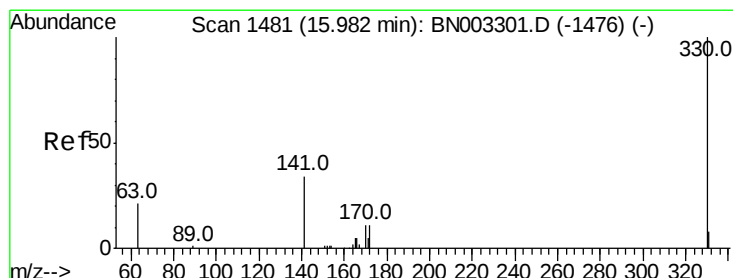
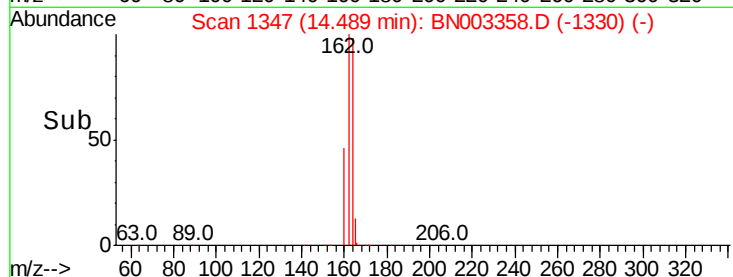
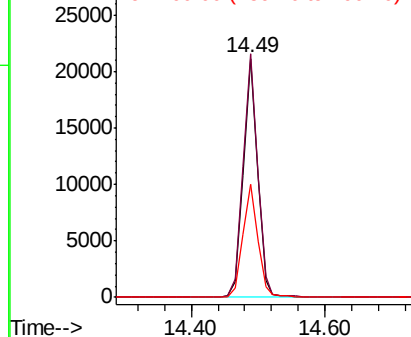
164 100

162 101.9 81.8 122.6

160 47.1 37.2 55.8



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: 0.159 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

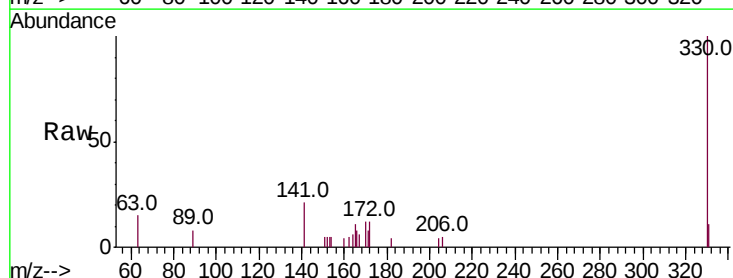
Tgt Ion:330 Resp: 1933

Ion Ratio Lower Upper

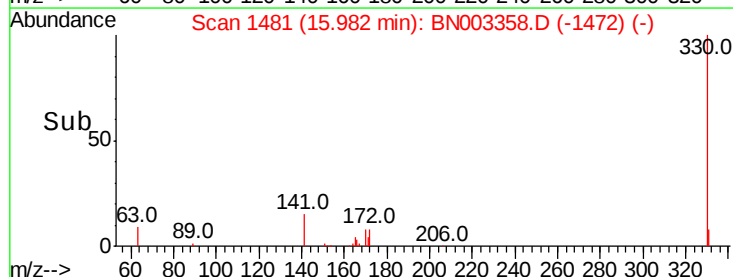
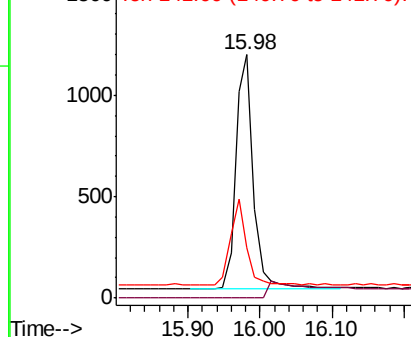
330 100

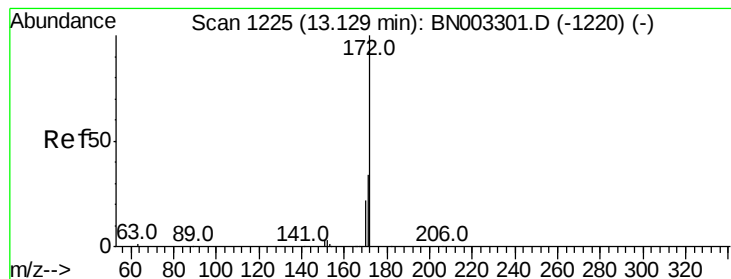
332 0.0 0.0 0.0

141 34.4 28.3 42.5



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: 0.264 ng

RT: 13.12 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

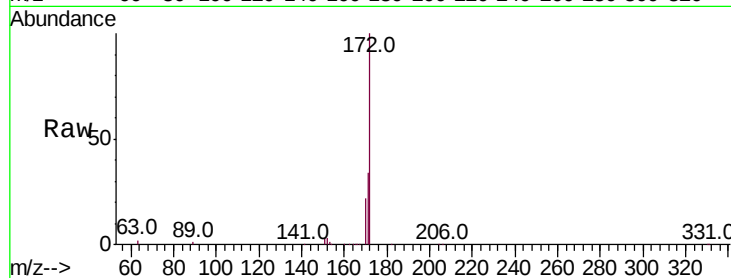
BNA_N

ClientSampleId :

PB114259BL

Tot Ion:172 Resp: 34659

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.1	40.7
170	21.7	17.4	26.0

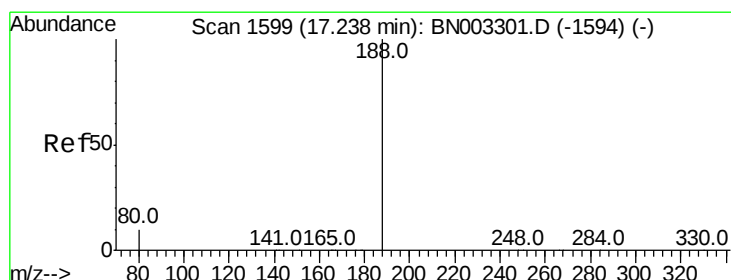
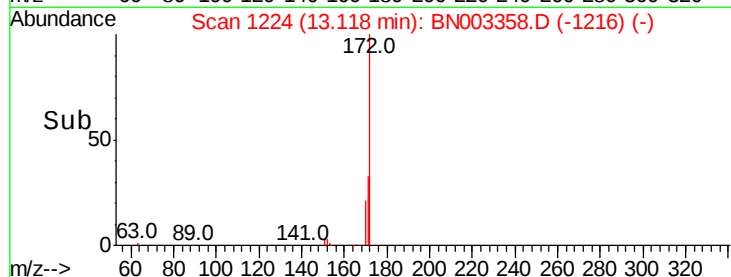
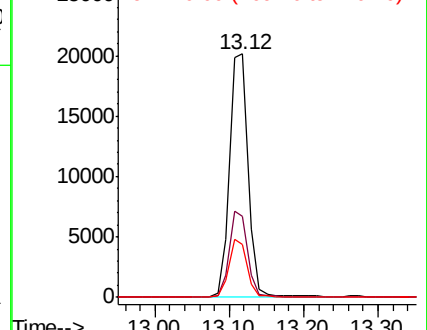


Abundance

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: 17.23 min Scan# 1598

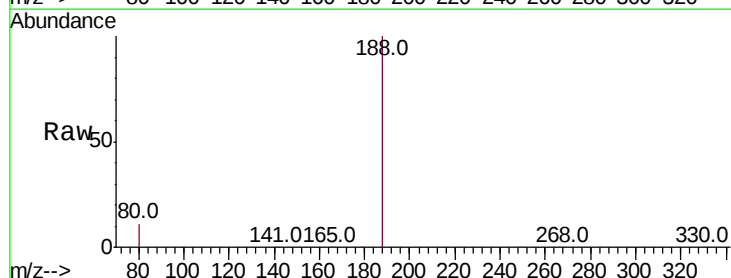
Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Tgt Ion:188 Resp: 67584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	8.6	12.8

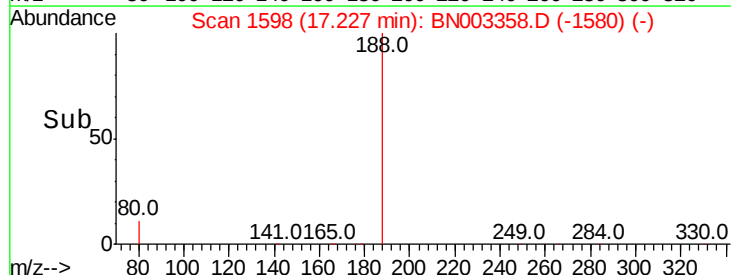
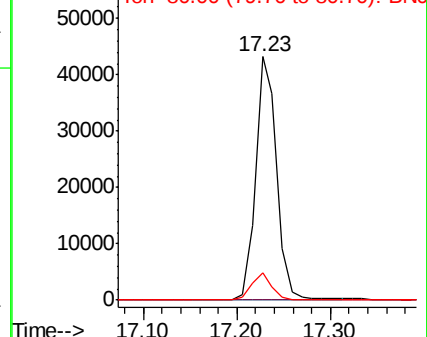


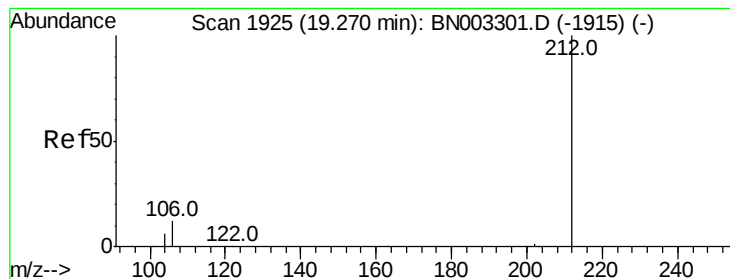
Abundance

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





#25

Fluoranthene-d10

Concen: 0.200 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA_N

ClientSampleId :

PB114259BL

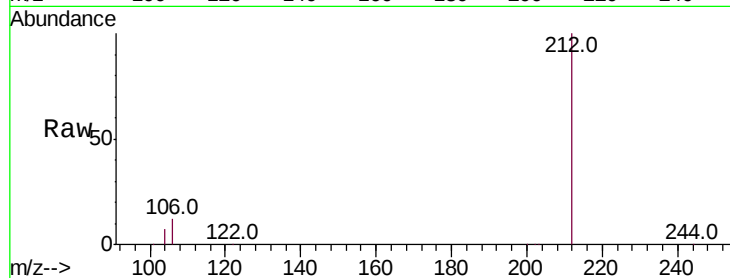
Tot Ion:212 Resp: 39257

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

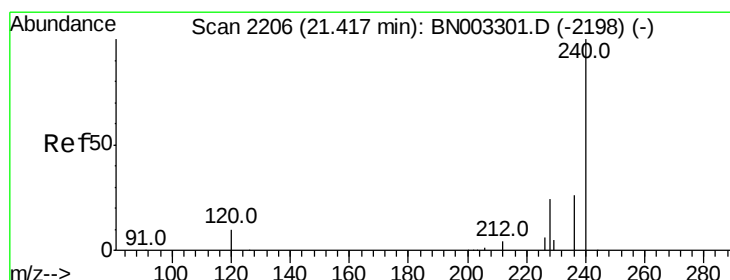
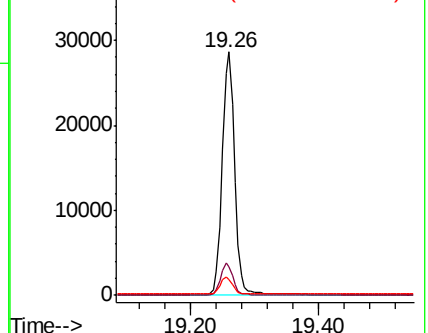
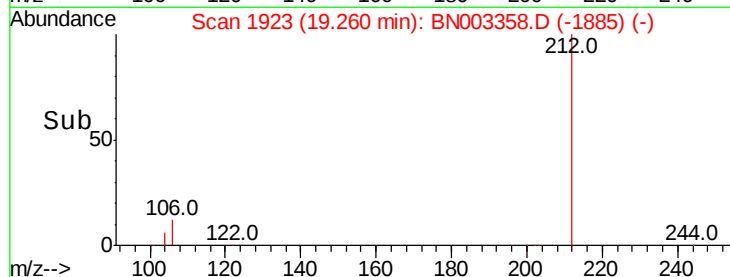
104 7.1 5.6 8.4



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: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

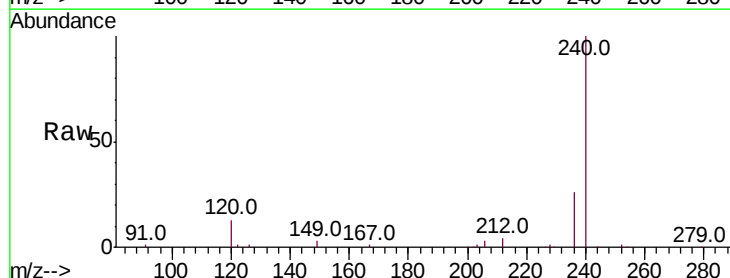
Tgt Ion:240 Resp: 44738

Ion Ratio Lower Upper

240 100

120 13.3 9.3 13.9

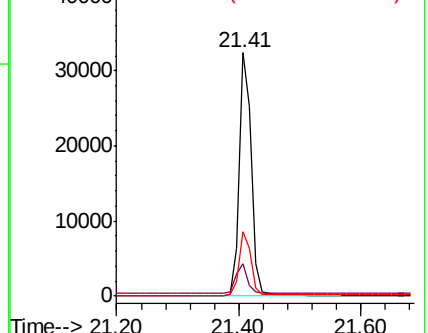
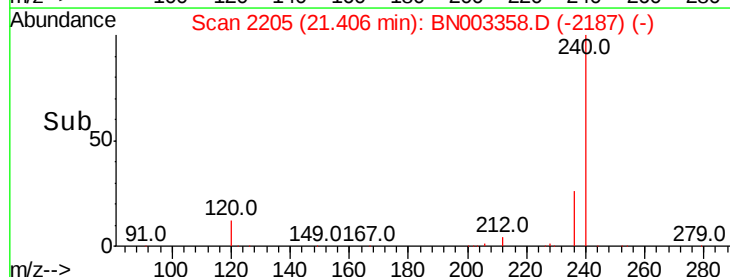
236 26.4 21.0 31.4

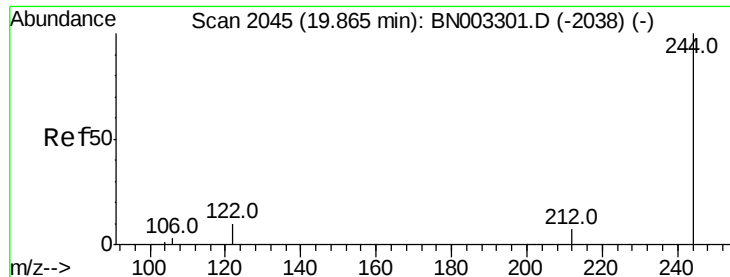


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.314 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA_N

ClientSampleId :

PB114259BL

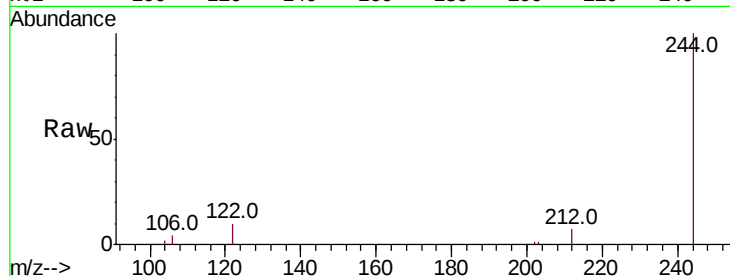
Tot Ion:244 Resp: 32666

Ion Ratio Lower Upper

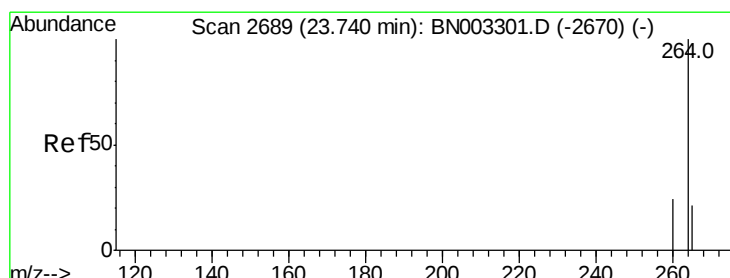
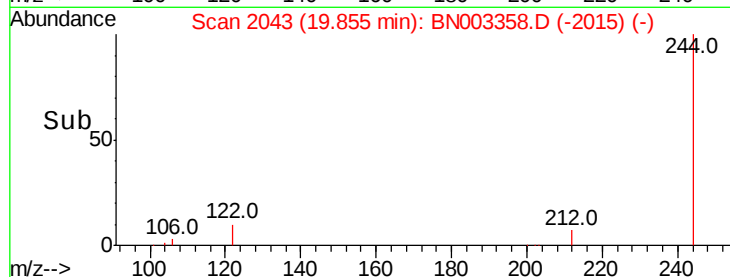
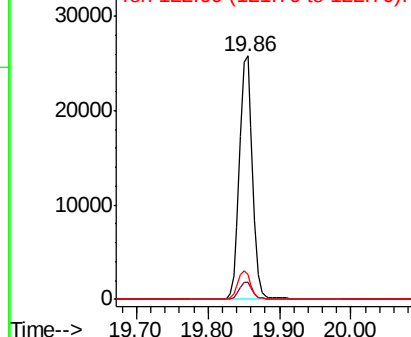
244 100

212 6.9 5.6 8.4

122 10.2 8.5 12.7



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: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

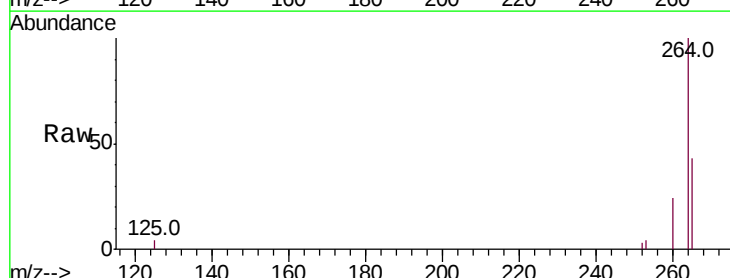
Tgt Ion:264 Resp: 38867

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 43.2 26.4 39.6#



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

