

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000718.D
 Acq On : 09 Apr 2018 20:17
 Operator : JU/SJ
 Sample : J2268-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MH-92A

Quant Time: Apr 10 05:03:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

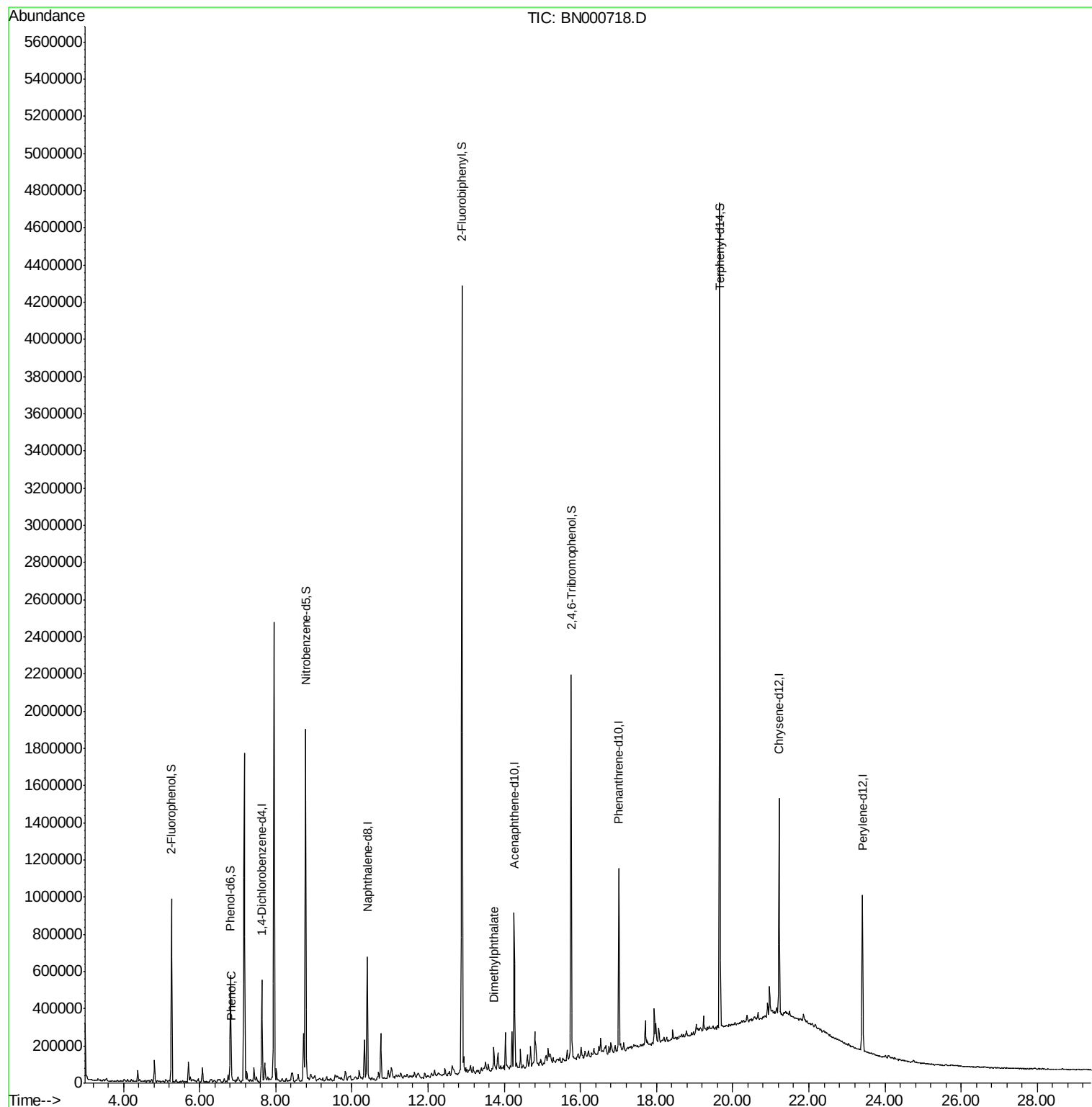
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	126877	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	526126	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	261195	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	515774	20.00	ng	0.00
75) Chrysene-d12	21.22	240	475285	20.00	ng	0.00
86) Perylene-d12	23.41	264	506778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	417811	48.62	ng	0.00
7) Phenol-d6	6.81	99	326095	27.88	ng	0.00
23) Nitrobenzene-d5	8.78	82	1119066	112.56	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	323789	126.08	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2072288	109.35	ng	0.00
78) Terphenyl-d14	19.66	244	1873453	86.10	ng	0.00
Target Compounds						
10) Phenol	6.84	94	25284	2.033	ng	89
49) Dimethylphthalate	13.73	163	68749	3.306	ng	99

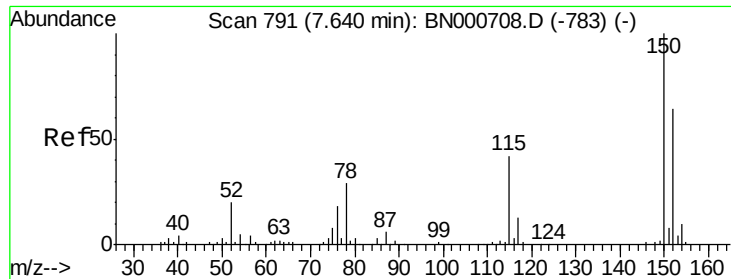
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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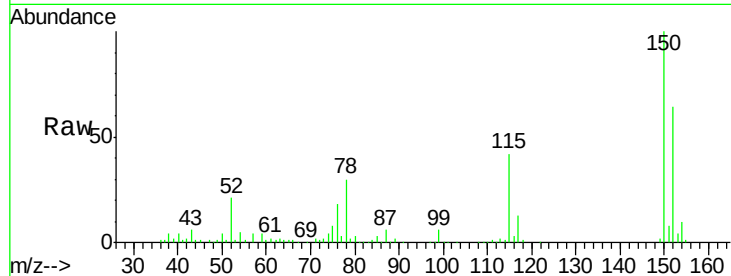


#1

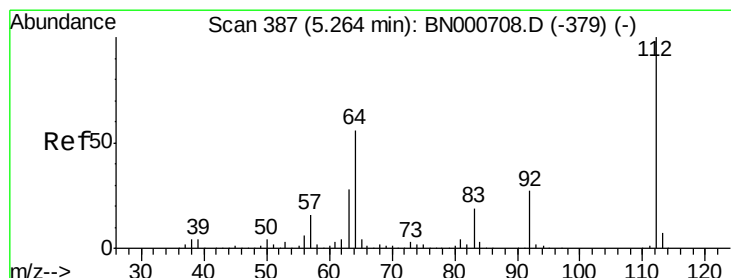
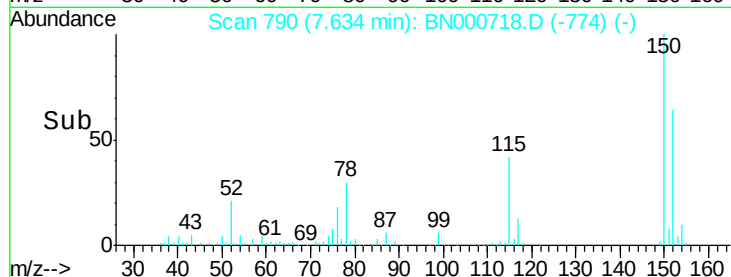
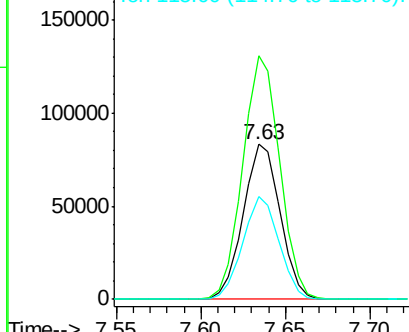
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tot Ion:152 Resp: 126877
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 66.6 53.0 79.4



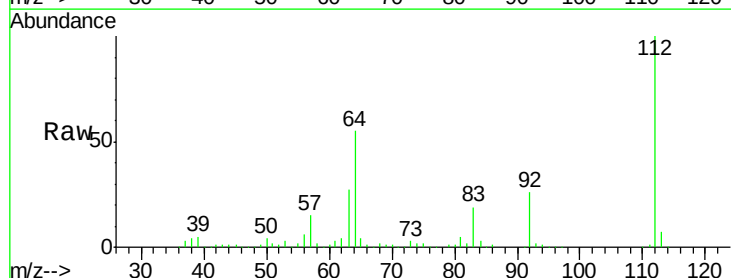
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



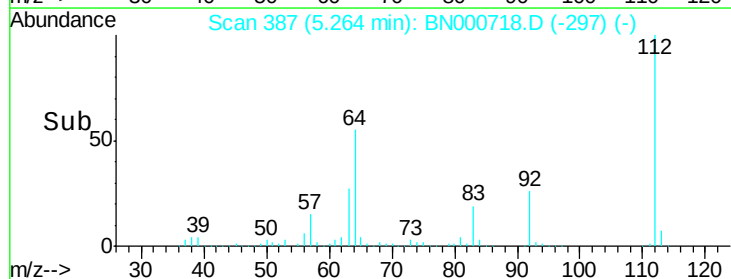
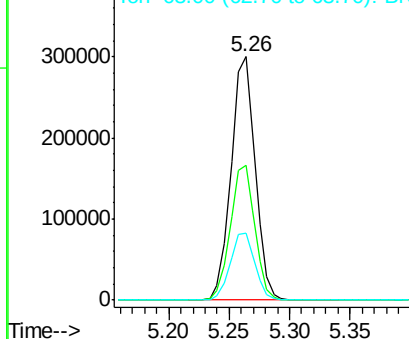
#5

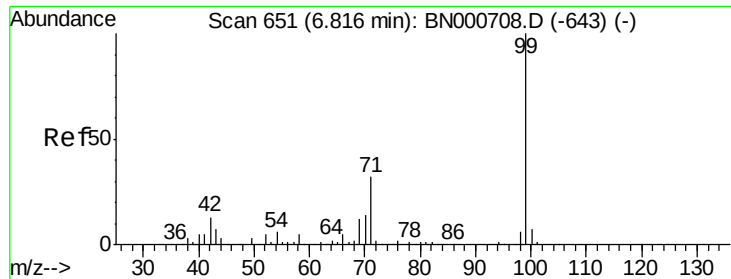
2-Fluorophenol
Concen: 48.623 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:112 Resp: 417811
Ion Ratio Lower Upper
112 100
64 55.2 56.3 84.5#
63 27.4 30.1 45.1#



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





#7

Phenol-d6

Concen: 27.877 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

Instrument :

BNA_N

ClientSampleId :

MH-92A

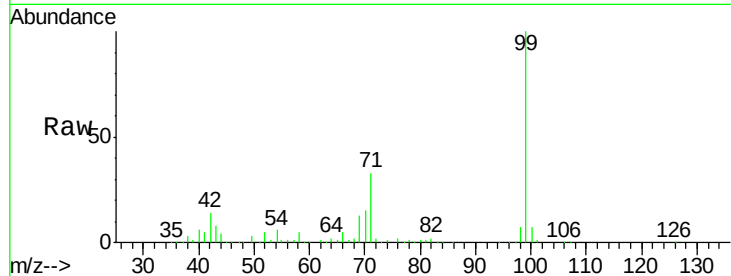
Tot Ion: 99 Resp: 326095

Ion Ratio Lower Upper

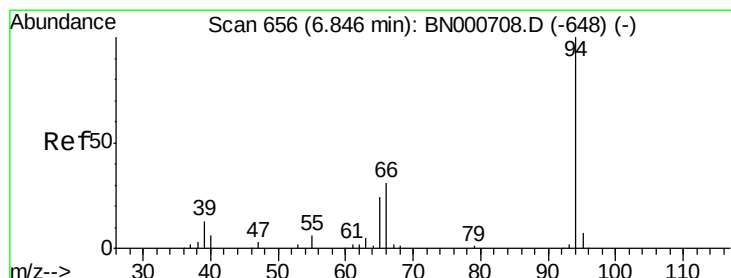
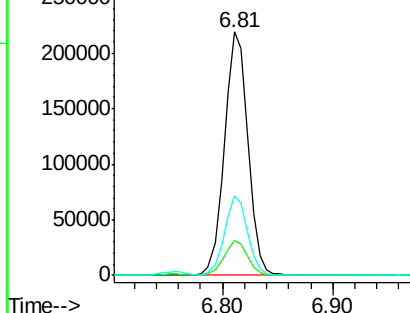
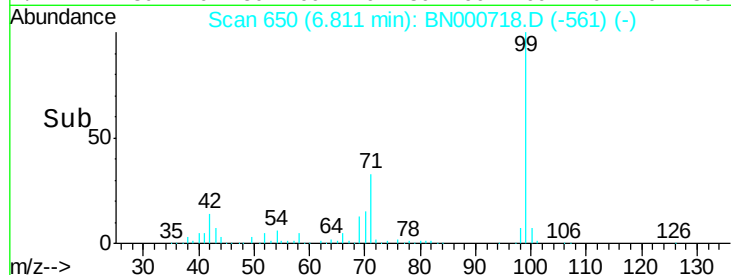
99 100

42 14.3 14.1 21.1

71 32.8 26.1 39.1



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



#10

Phenol

Concen: 2.033 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

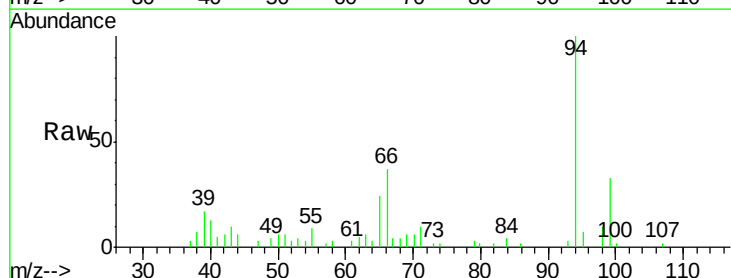
Tgt Ion: 94 Resp: 25284

Ion Ratio Lower Upper

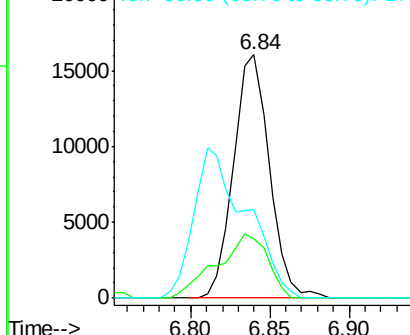
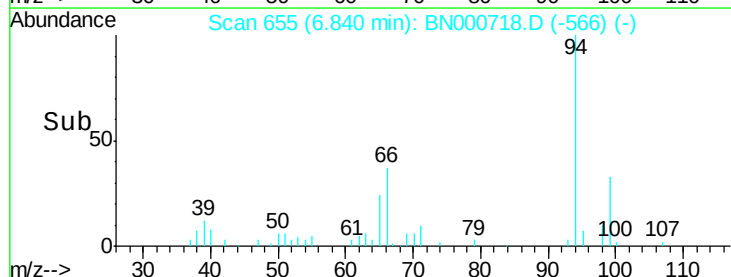
94 100

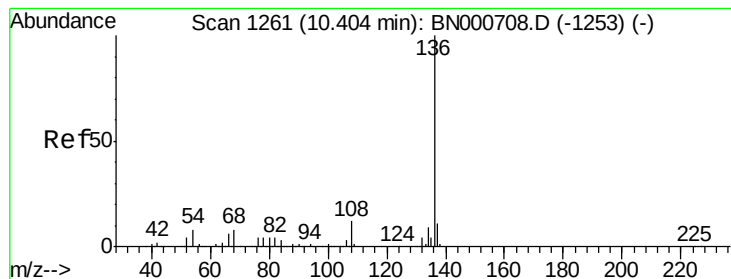
65 24.5 11.9 51.9

66 36.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

Instrument :

BNA_N

ClientSampleId :

MH-92A

Tot Ion:136 Resp: 526126

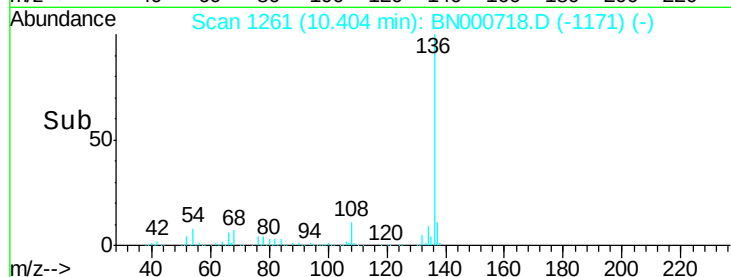
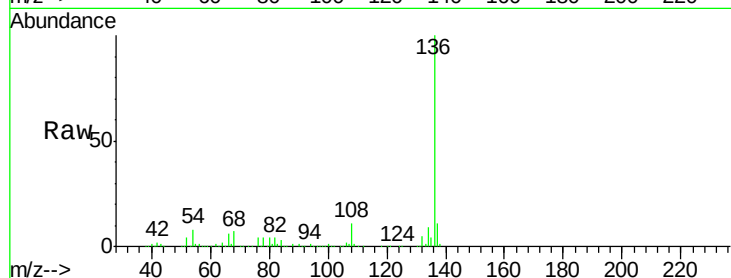
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.7 10.3 15.5#

68 7.5 4.5 6.7#

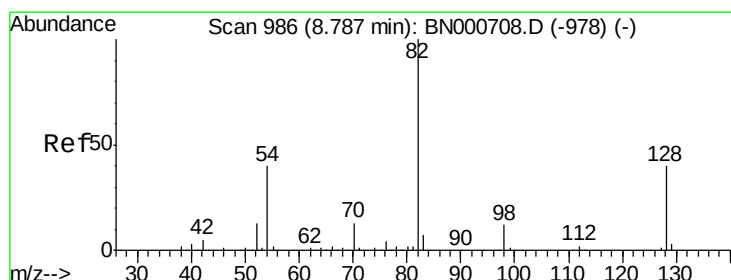
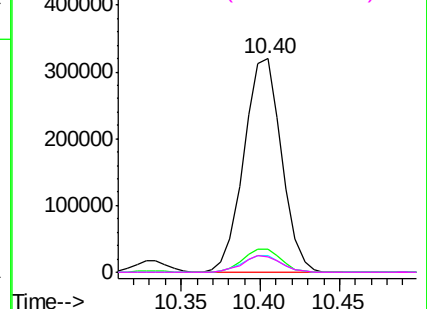


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23

Nitrobenzene-d5

Concen: 112.556 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

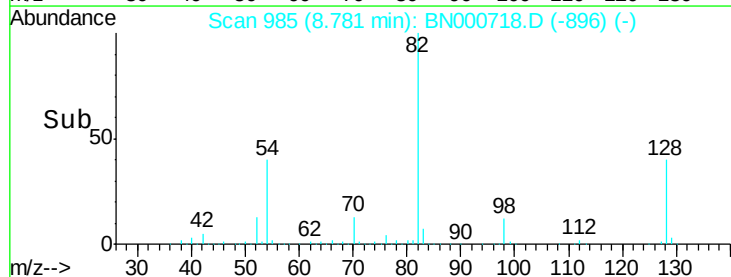
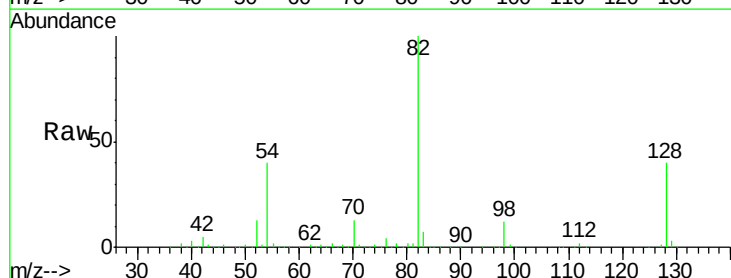
Tgt Ion: 82 Resp: 1119066

Ion Ratio Lower Upper

82 100

128 40.1 29.7 44.5

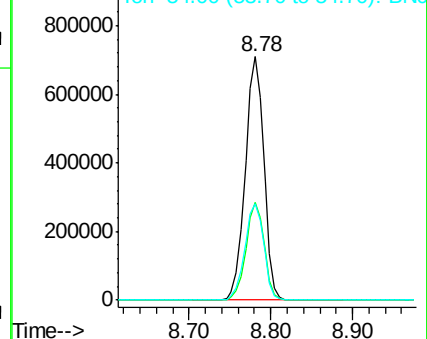
54 39.7 43.1 64.7#

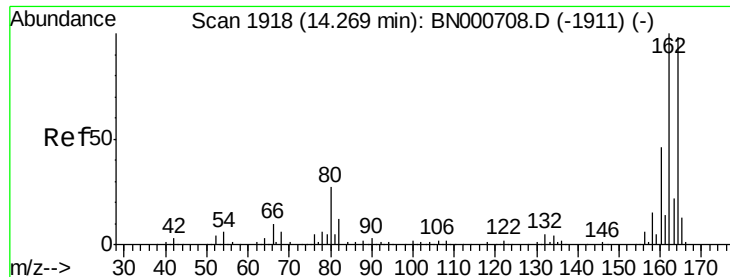


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

Instrument :

BNA_N

ClientSampleId :

MH-92A

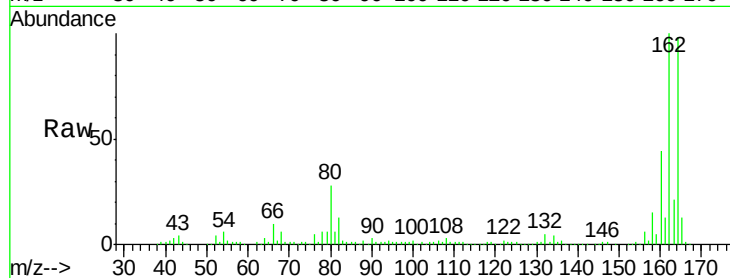
Tot Ion:164 Resp: 261195

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

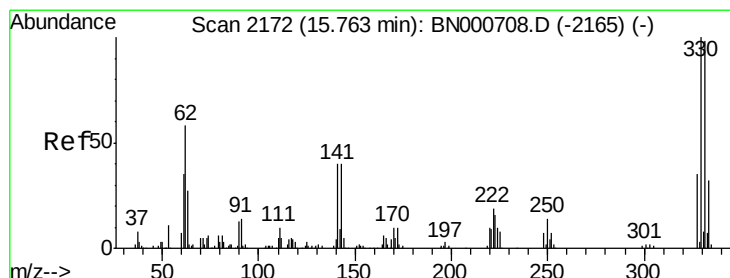
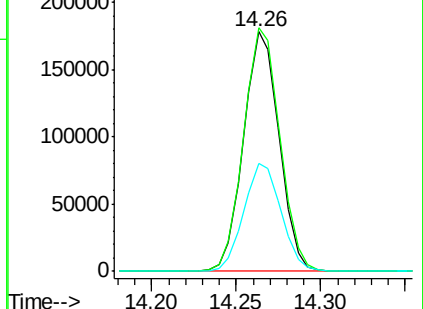
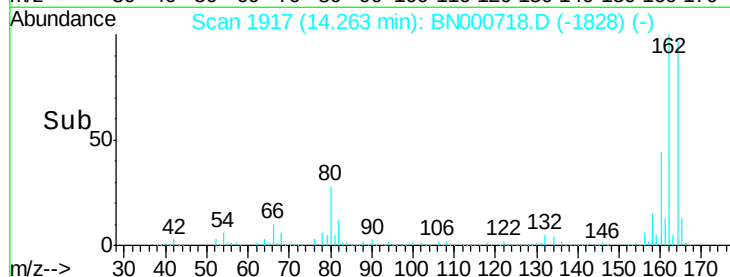
160 45.0 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 126.085 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

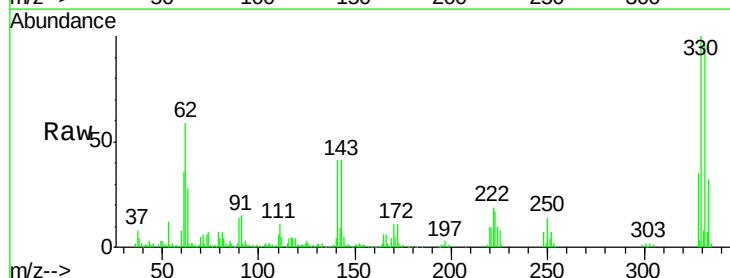
Tgt Ion:330 Resp: 323789

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

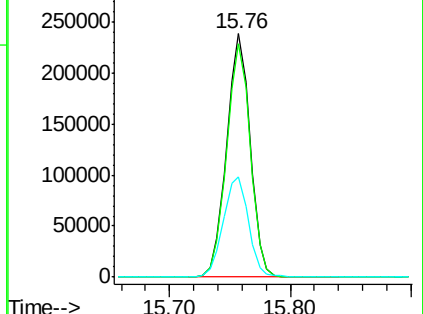
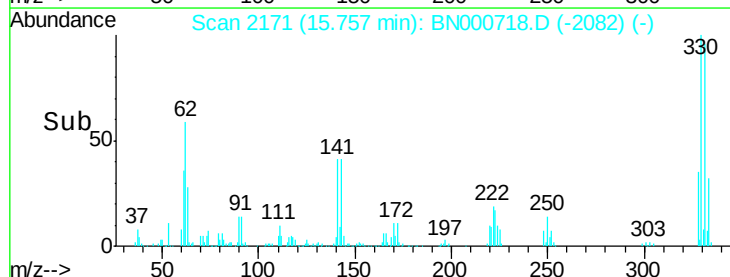
141 43.2 25.2 37.8#

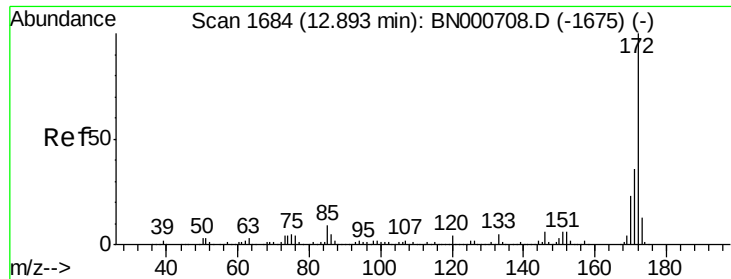


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

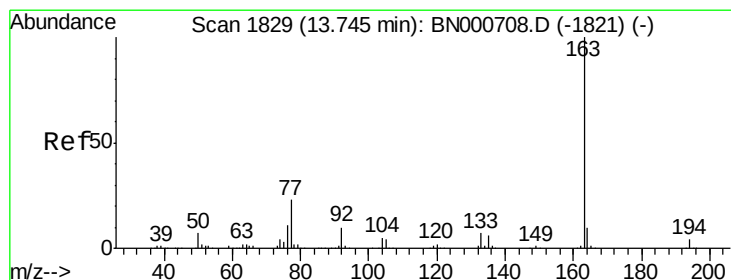
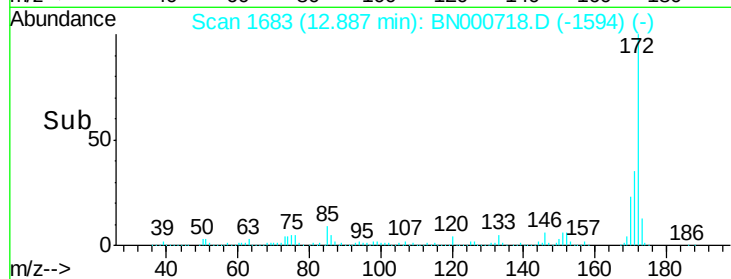
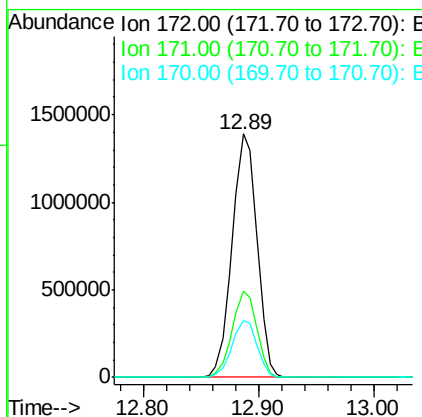
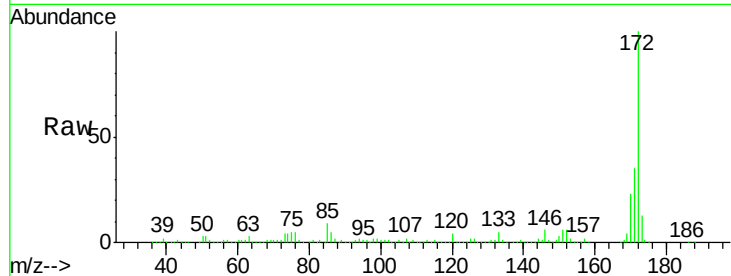




#44
2-Fluorobiphenyl
Concen: 109.348 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

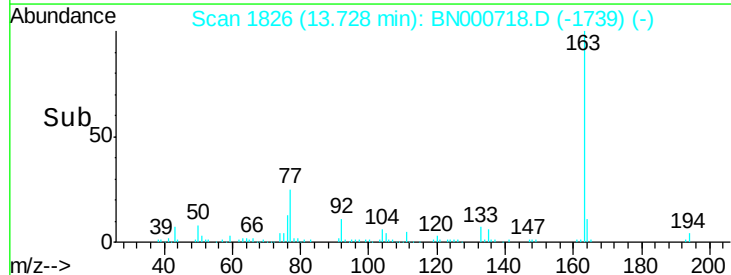
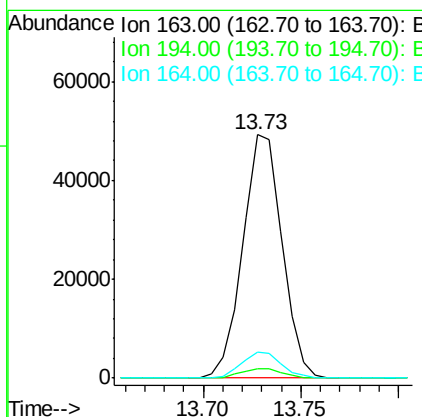
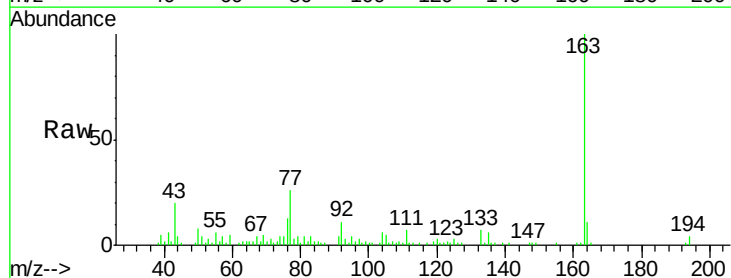
Instrument :
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MH-92A

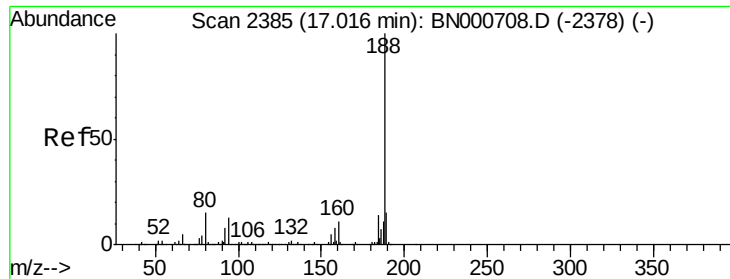
Tot Ion:172 Resp: 2072288
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 3.306 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:163 Resp: 68749
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.8 8.2 12.4

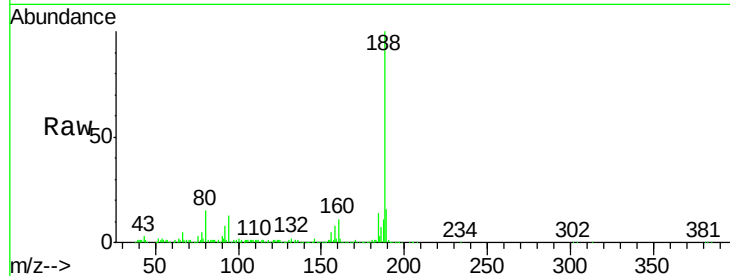




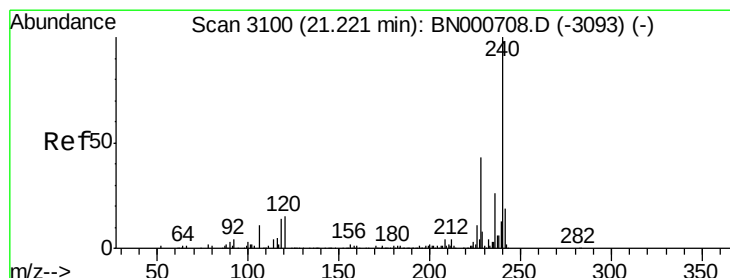
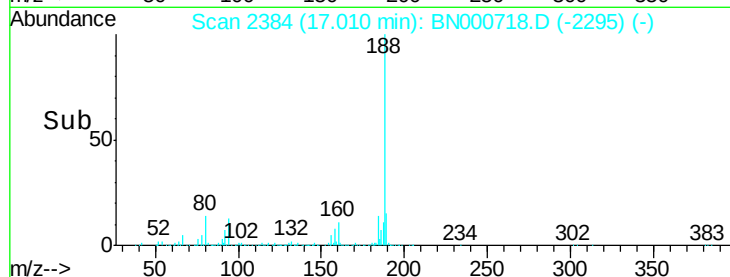
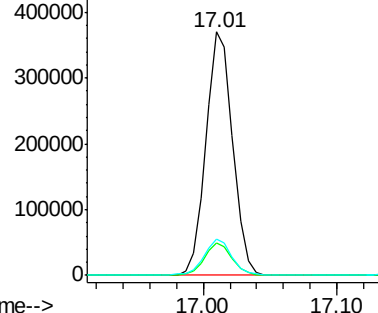
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tot Ion:188 Resp: 515774
Ion Ratio Lower Upper
188 100
94 13.2 6.9 10.3#
80 14.8 7.7 11.5#

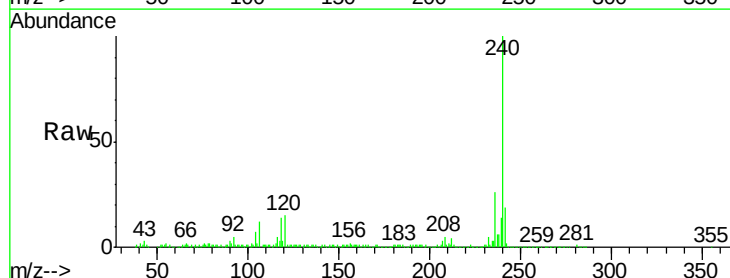


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

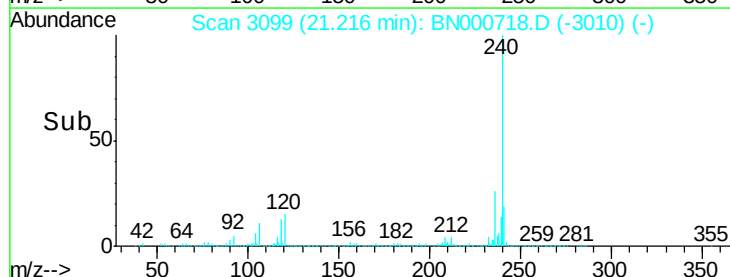
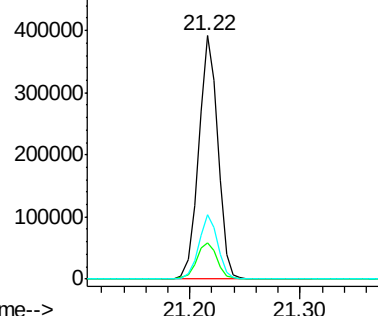


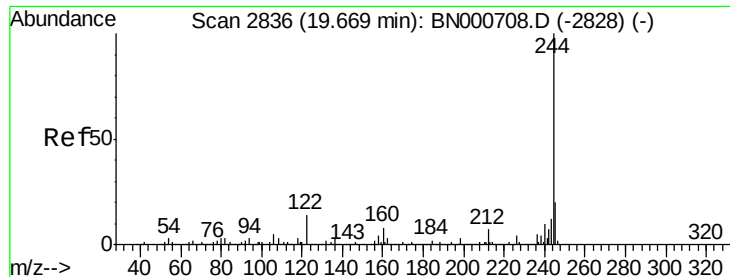
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:240 Resp: 475285
Ion Ratio Lower Upper
240 100
120 15.1 6.8 10.2#
236 26.3 20.9 31.3



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





#78

Terphenyl-d14

Concen: 86.097 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

Instrument :

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MH-92A

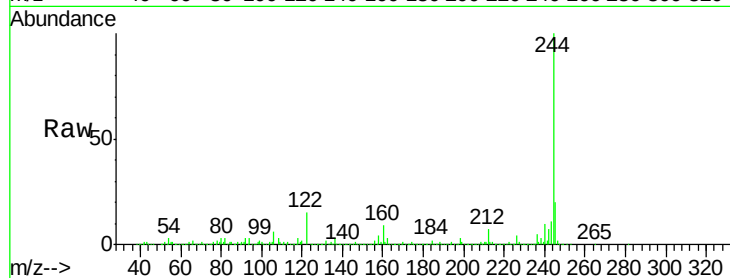
Tot Ion:244 Resp: 1873453

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

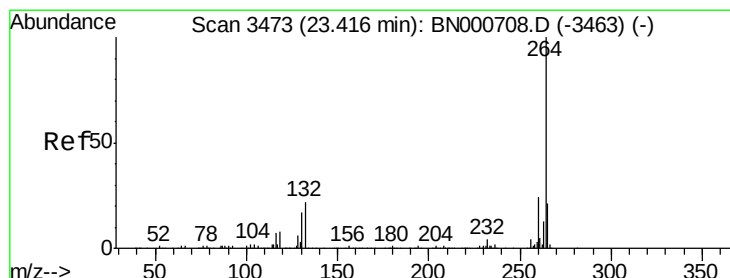
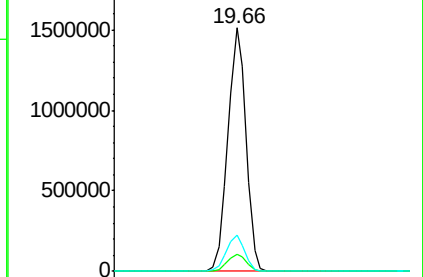
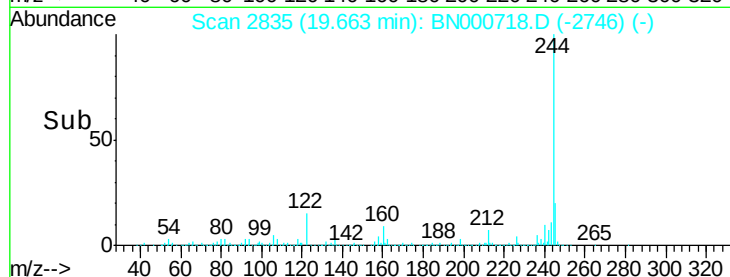
122 15.0 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN000718.D

Acq: 09 Apr 2018 20:17

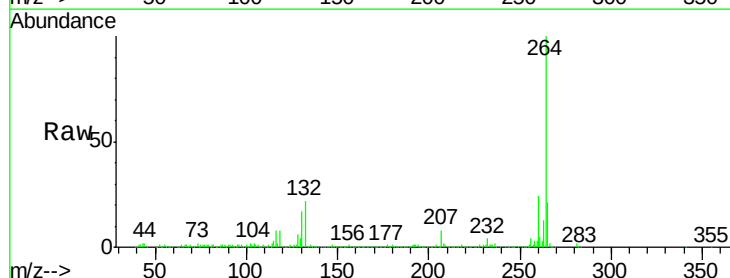
Tgt Ion:264 Resp: 506778

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.4 17.7 26.5



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

