

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000199.D
 Acq On : 28 Feb 2018 10:12
 Operator : JU/SJ
 Sample : MDL-S-BL-2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-BL-2

Quant Time: Feb 28 17:16:26 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	8849	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	31361	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	16109	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	40793	0.40	ng	0.00
27) Chrysene-d12	21.90	240	29593	0.40	ng	0.00
34) Perylene-d12	24.37	264	24006	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	6390	0.34	ng	0.00
5) Phenol-d6	7.58	99	7800	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	5135	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	13843	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1260	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	21226	0.28	ng	0.00
25) Fluoranthene-d10	19.77	212	29015	0.27	ng	0.00
29) Terphenyl-d14	20.34	244	16207	0.31	ng	0.00

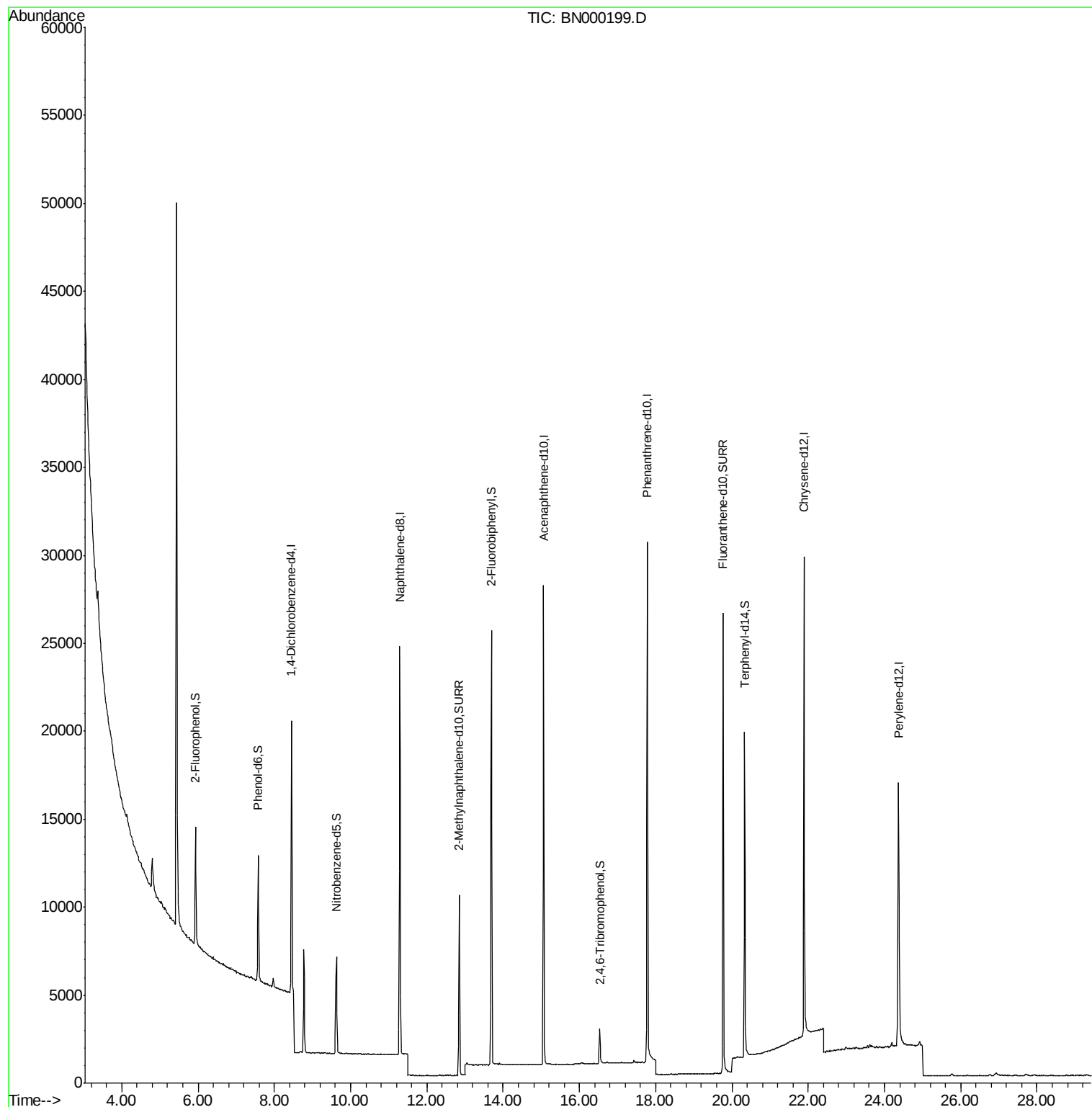
Target Compounds	Qvalue
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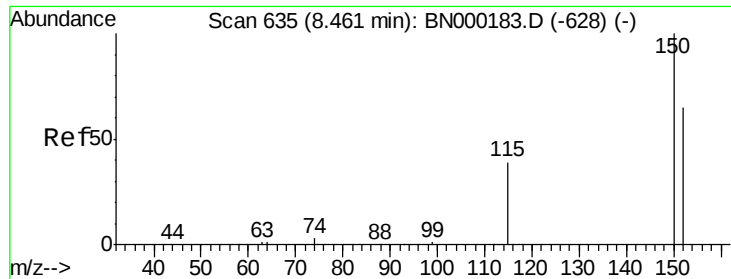
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

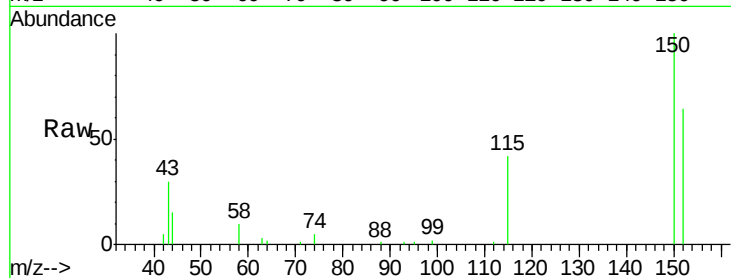
Tgt Ion:152 Resp: 8849

Ion Ratio Lower Upper

152 100

150 156.1 117.2 175.8

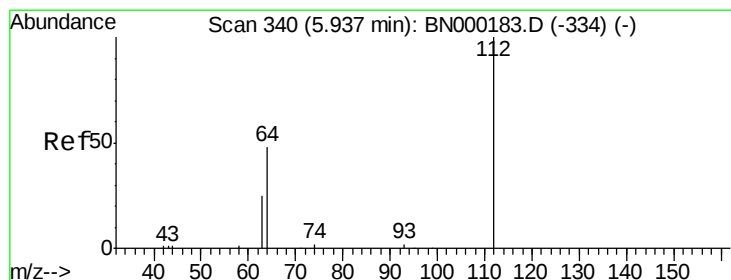
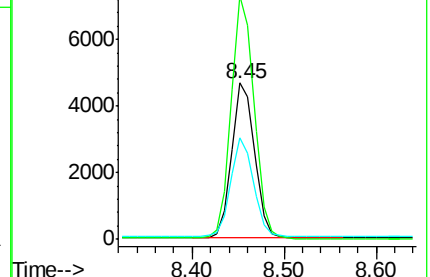
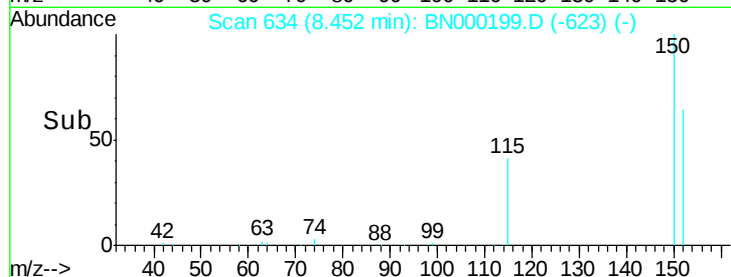
115 65.2 57.0 85.6



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: 0.342 ng

RT: 5.94 min Scan# 340

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

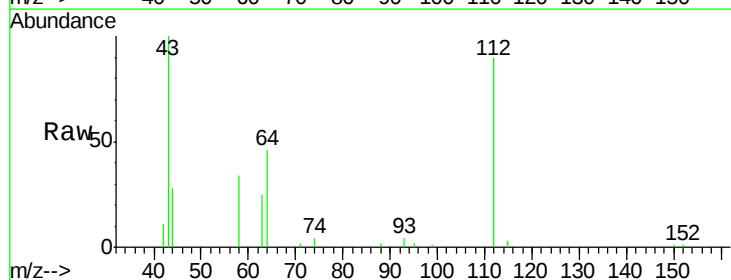
Tgt Ion:112 Resp: 6390

Ion Ratio Lower Upper

112 100

64 54.2 60.1 90.1#

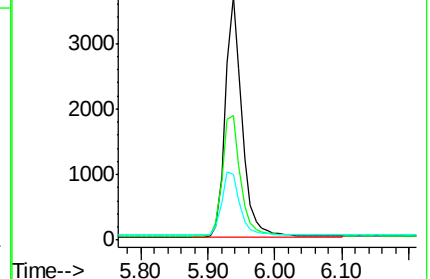
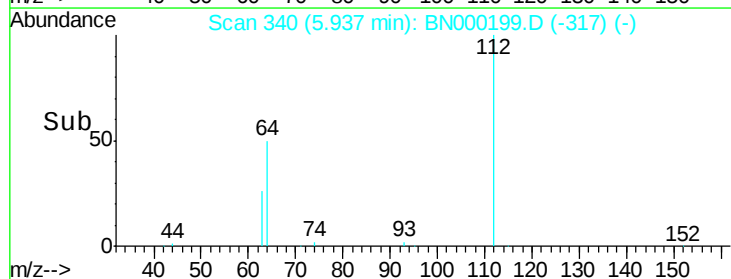
63 28.5 116.8 175.2#

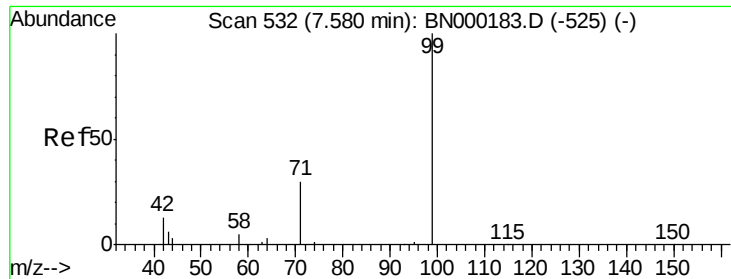


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

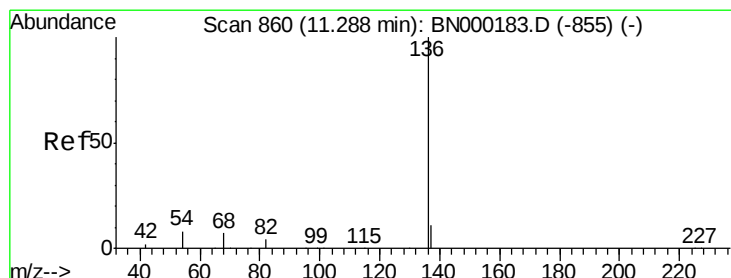
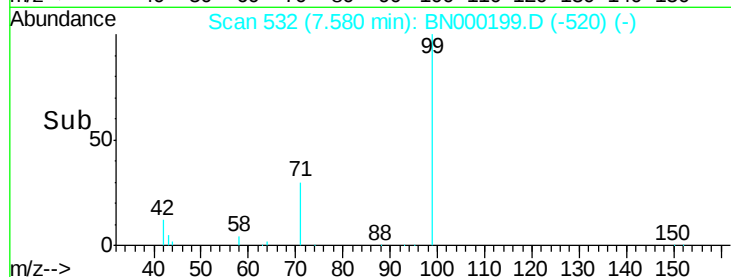
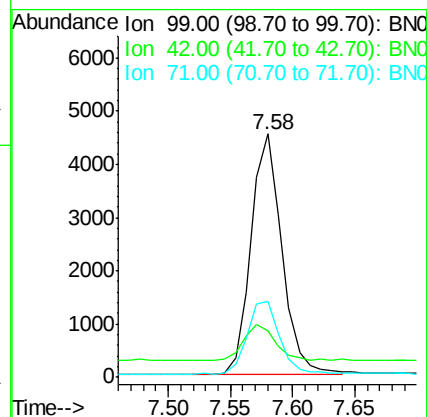
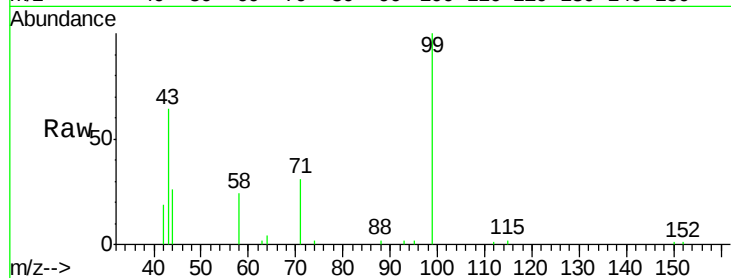
Tgt Ion: 99 Resp: 7800

Ion Ratio Lower Upper

99 100

42 14.9 20.2 30.2#

71 31.4 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Tgt Ion: 136 Resp: 31361

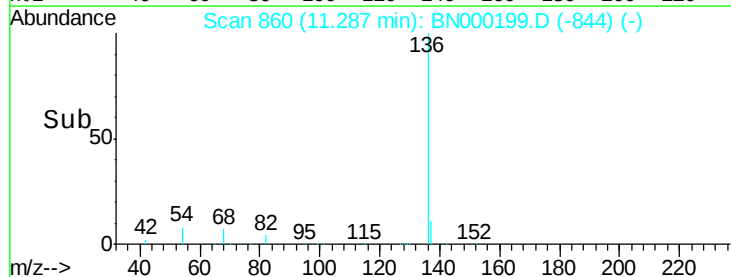
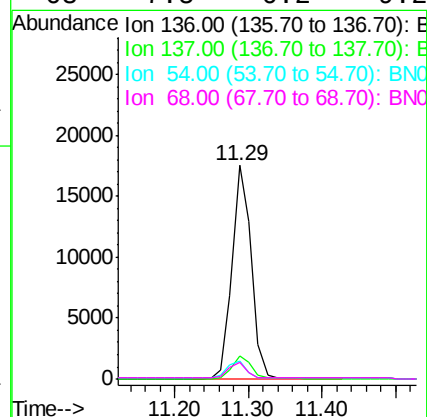
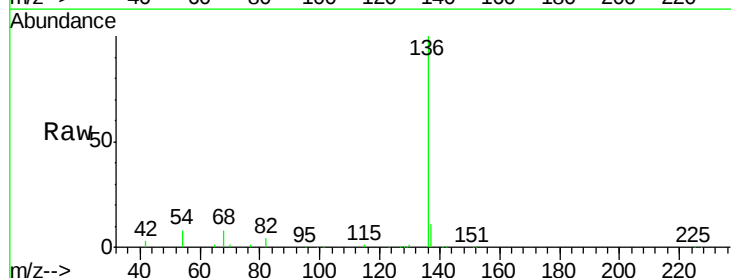
Ion Ratio Lower Upper

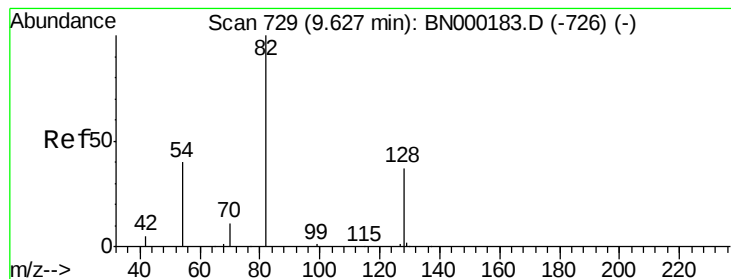
136 100

137 11.0 9.5 14.3

54 8.2 29.1 43.7#

68 7.5 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

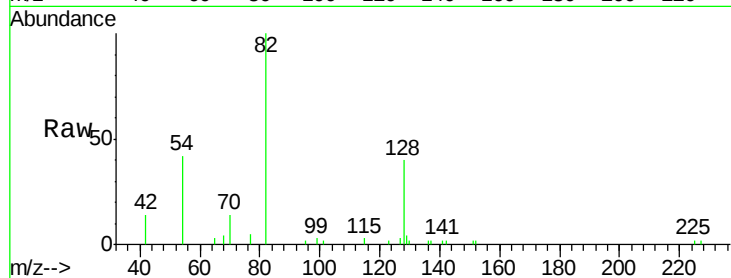
Tgt Ion: 82 Resp: 5135

Ion Ratio Lower Upper

82 100

128 40.1 150.0 225.0#

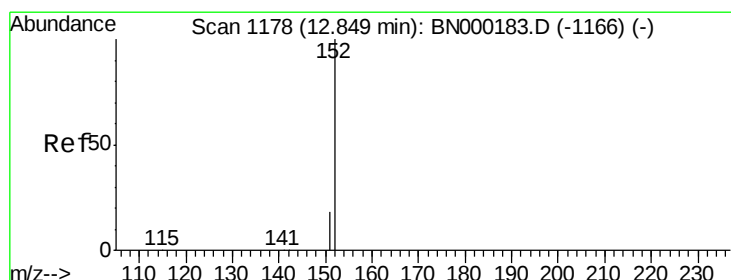
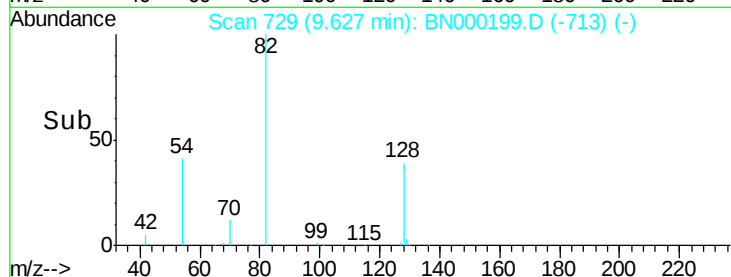
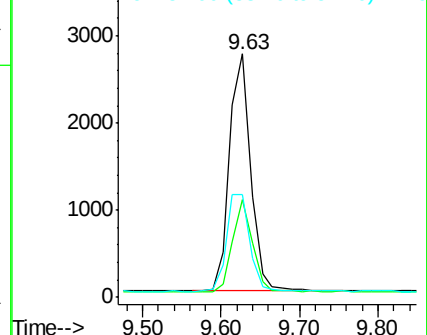
54 42.4 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.85 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BN000199.D

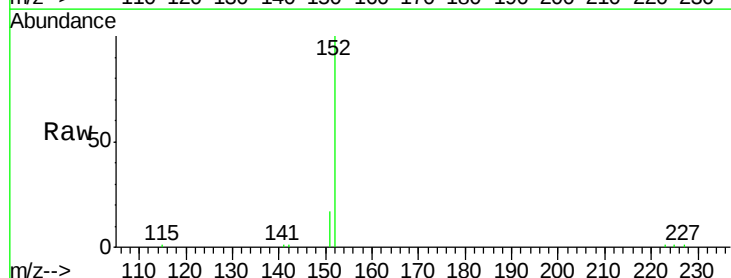
Acq: 28 Feb 2018 10:12

Tgt Ion: 152 Resp: 13843

Ion Ratio Lower Upper

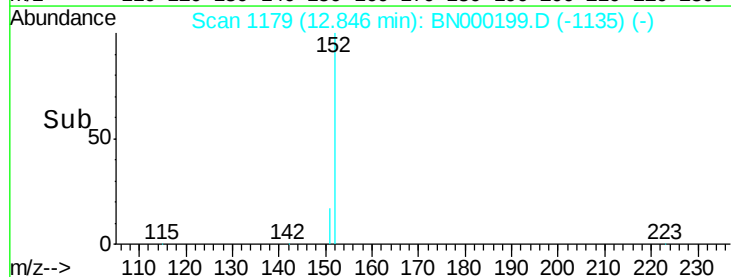
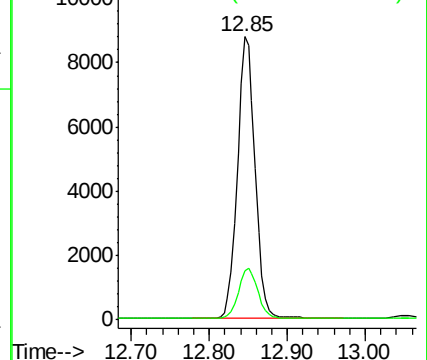
152 100

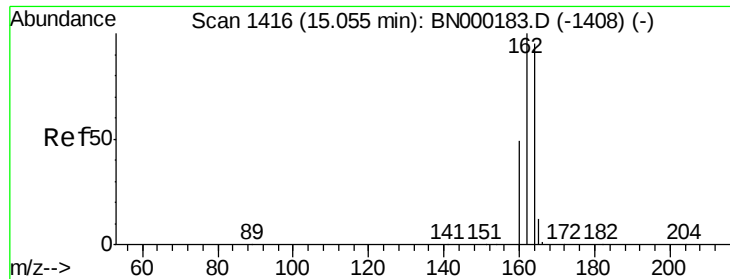
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

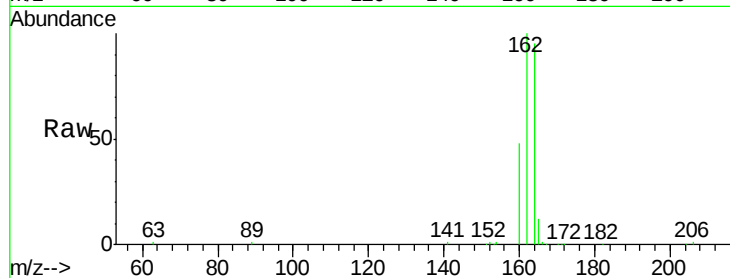
Tgt Ion:164 Resp: 16109

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

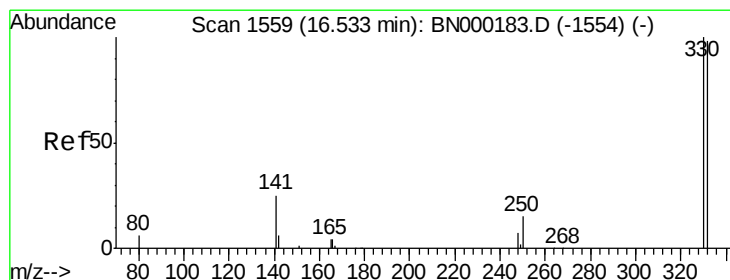
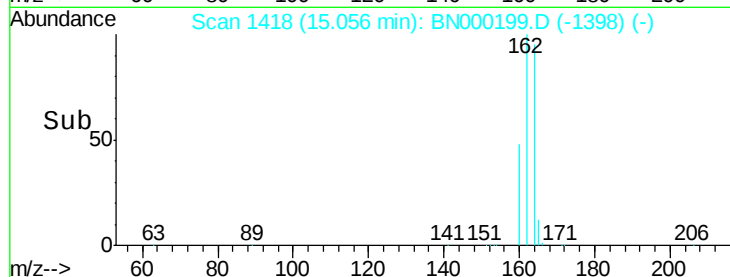
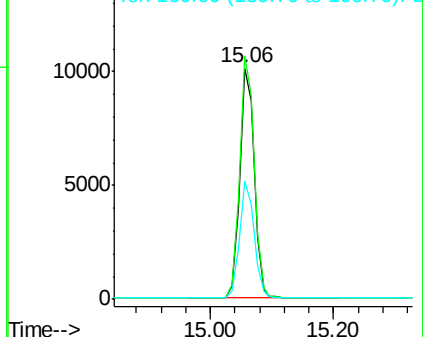
160 51.0 37.1 55.7



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: 0.246 ng

RT: 16.53 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

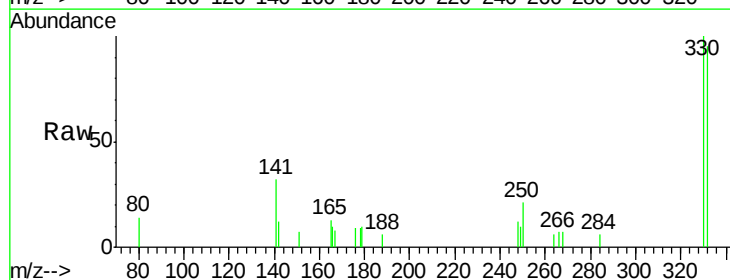
Tgt Ion:330 Resp: 1260

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

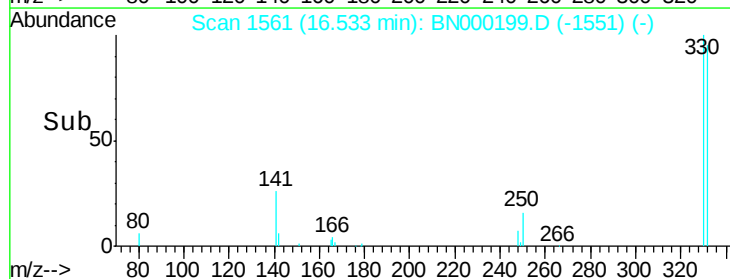
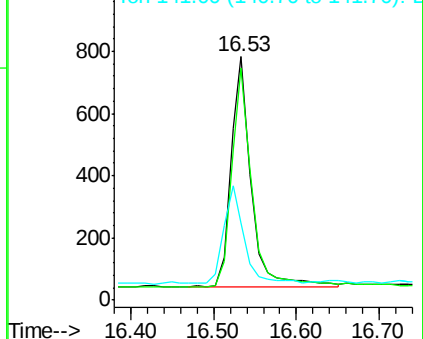
141 41.7 33.7 50.5

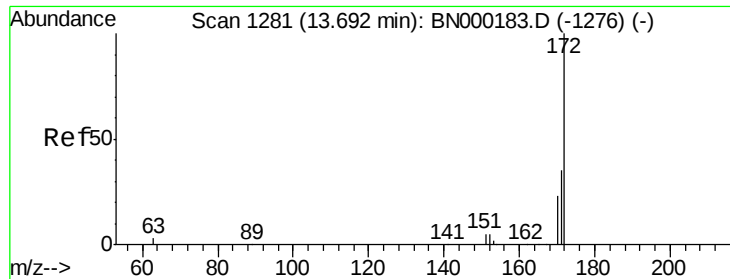


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

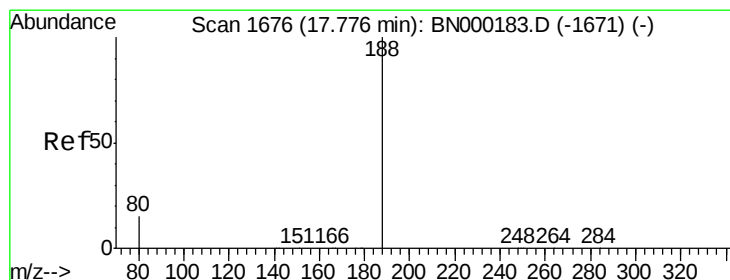
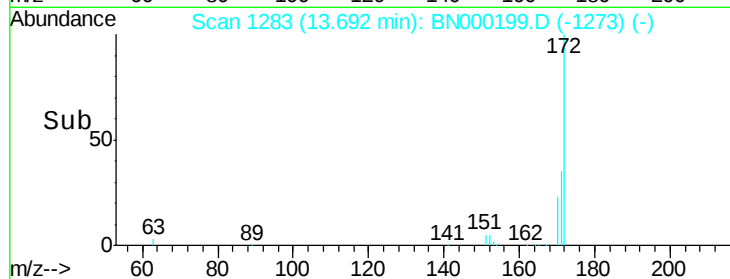
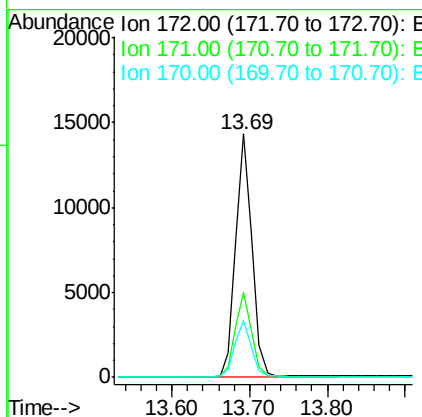
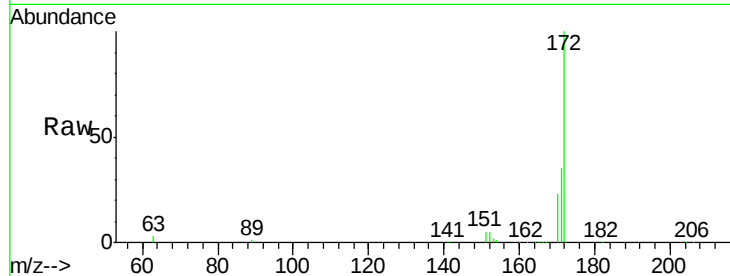




#15
 2-Fluorobiphenyl
 Concen: 0.278 ng
 RT: 13.69 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN000199.D
 Acq: 28 Feb 2018 10:12

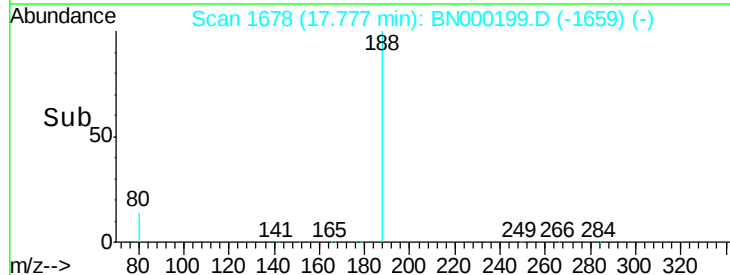
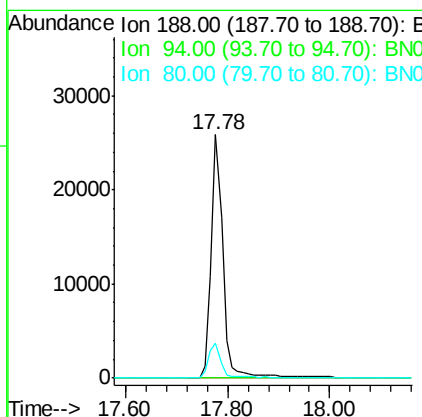
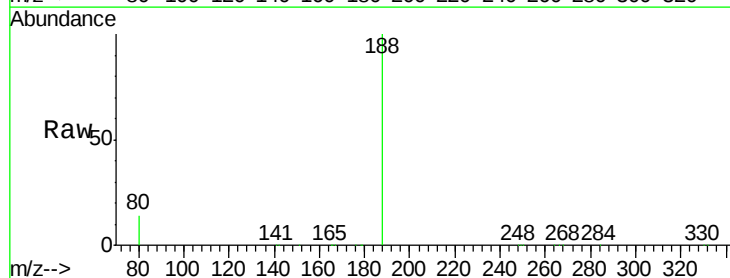
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-BL-2

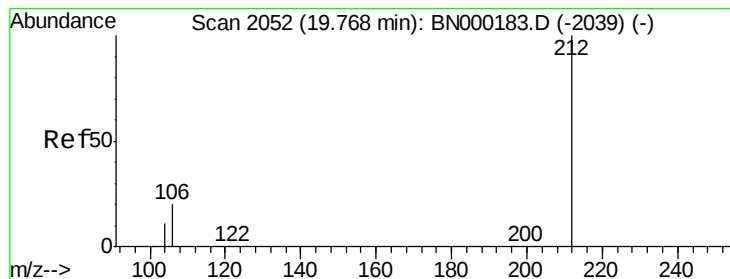
Tgt Ion:172 Resp: 21226
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 23.5 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.78 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BN000199.D
 Acq: 28 Feb 2018 10:12

Tgt Ion:188 Resp: 40793
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 14.3 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.266 ng

RT: 19.77 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-2

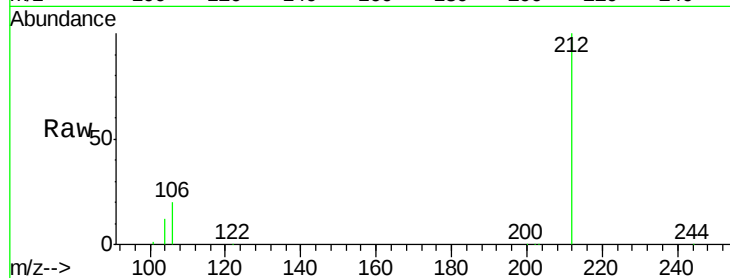
Tgt Ion:212 Resp: 29015

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

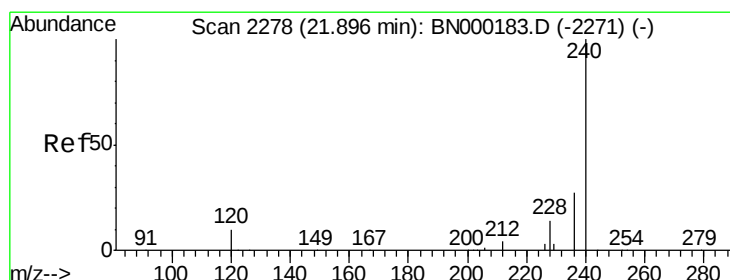
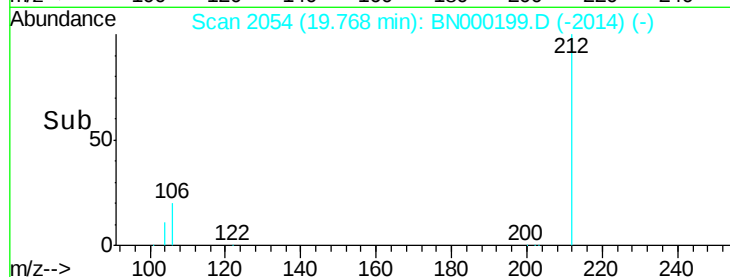
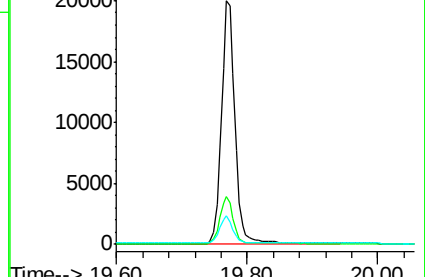
104 10.8 1.6 2.4#



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: 21.90 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

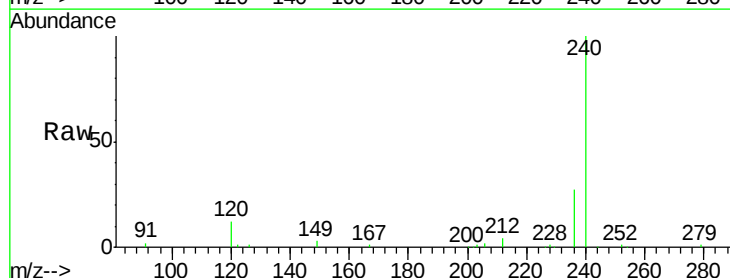
Tgt Ion:240 Resp: 29593

Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

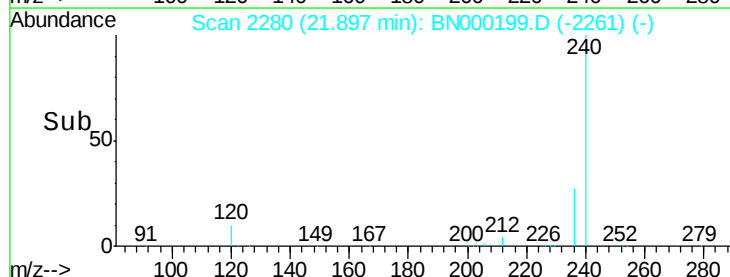
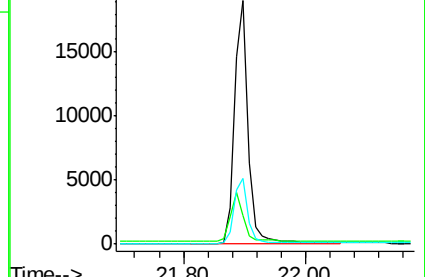
236 27.0 20.7 31.1

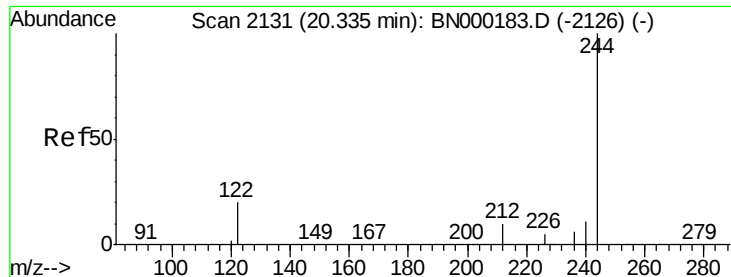


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.312 ng

RT: 20.34 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

Instrument :

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MDL-S-BL-2

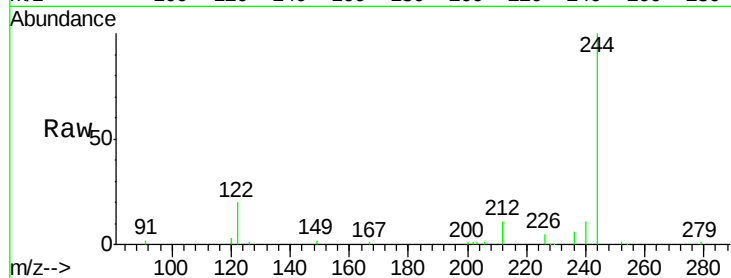
Tgt Ion:244 Resp: 16207

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

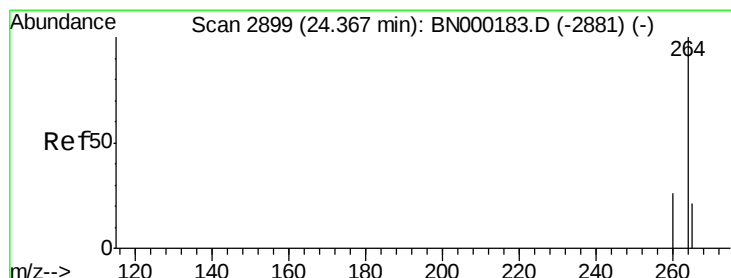
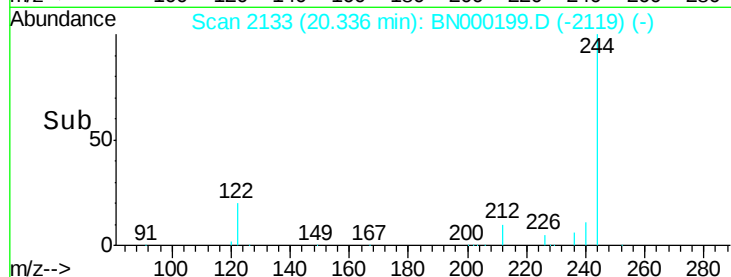
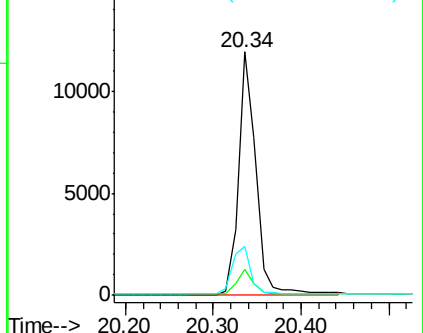
122 20.3 8.1 12.1#



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: 24.37 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BN000199.D

Acq: 28 Feb 2018 10:12

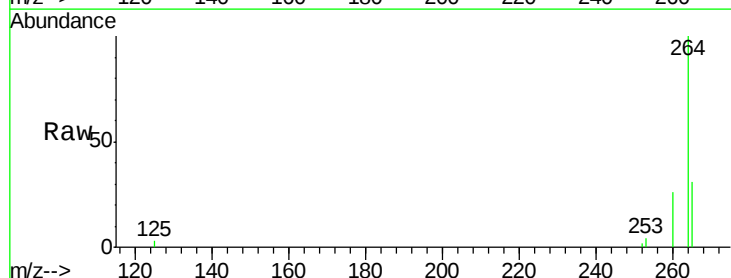
Tgt Ion:264 Resp: 24006

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 31.2 22.8 34.2



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

