

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000209.D
 Acq On : 01 Mar 2018 09:58
 Operator : JU/SJ
 Sample : MDL-S-BL-3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-BL-3

Quant Time: Mar 01 17:03:25 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	5244	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	19925	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9981	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	24630	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18542	0.40	ng	0.00
34) Perylene-d12	24.37	264	15381	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4179	0.38	ng	0.00
5) Phenol-d6	7.58	99	4998	0.36	ng	0.00
8) Nitrobenzene-d5	9.63	82	4336	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12109	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1031	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	18349	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	25025	0.38	ng	0.00
29) Terphenyl-d14	20.34	244	14422	0.44	ng	0.00

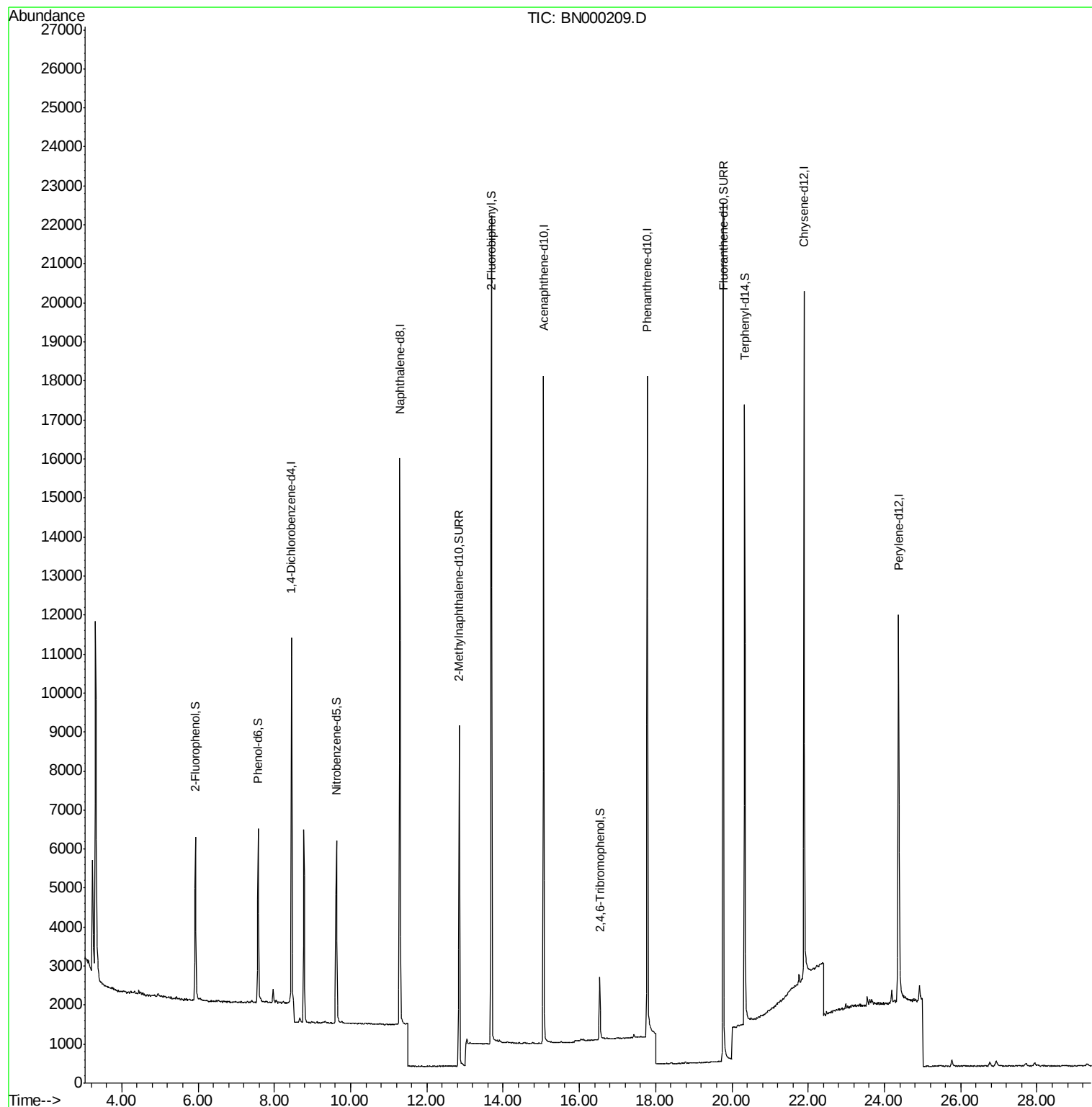
Target Compounds	Qvalue
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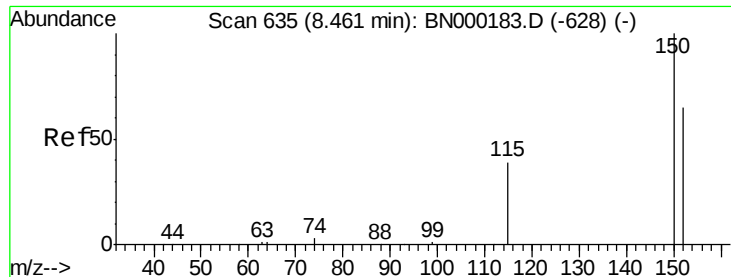
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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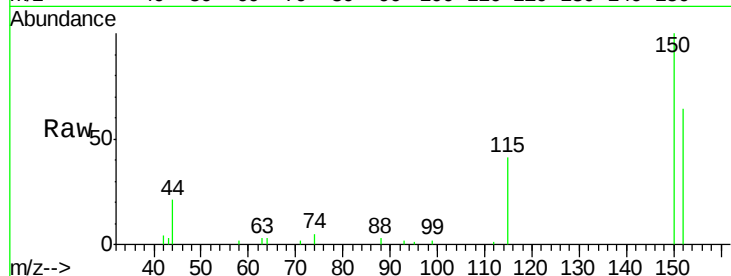


#1

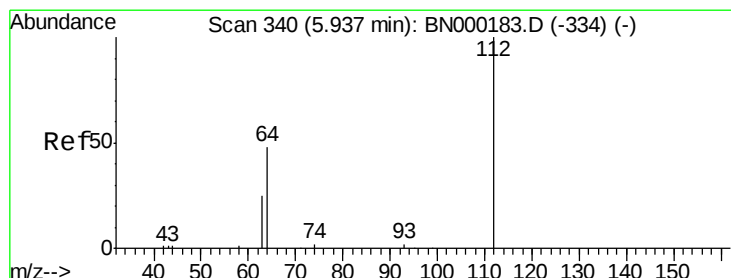
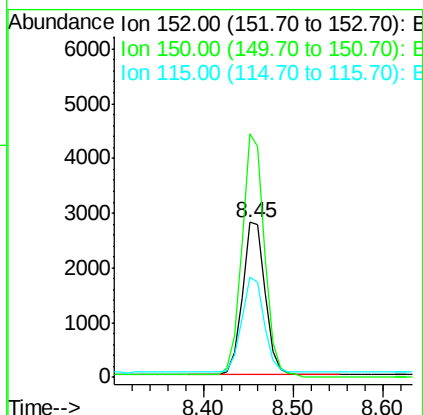
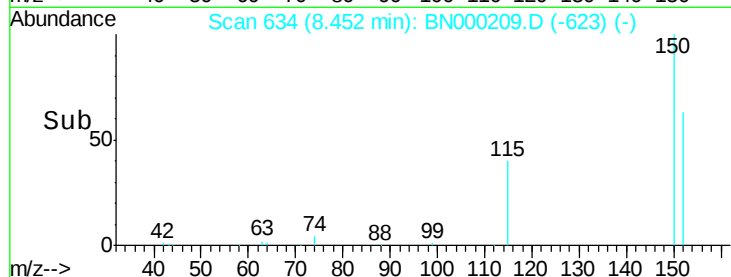
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000209.D
Acq: 01 Mar 2018 09:58

Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-3

Tot Ion:152 Resp: 5244
Ion Ratio Lower Upper
152 100
150 157.4 117.2 175.8
115 65.1 57.0 85.6



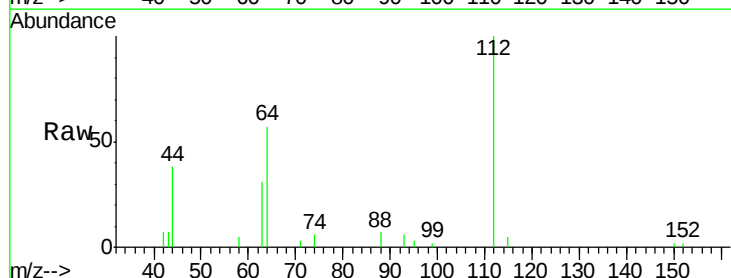
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



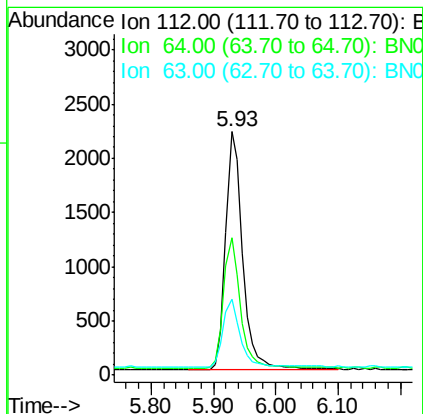
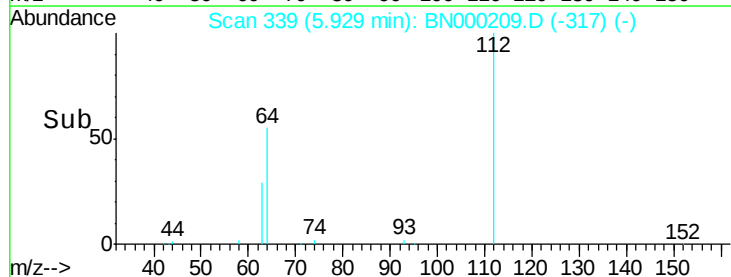
#4

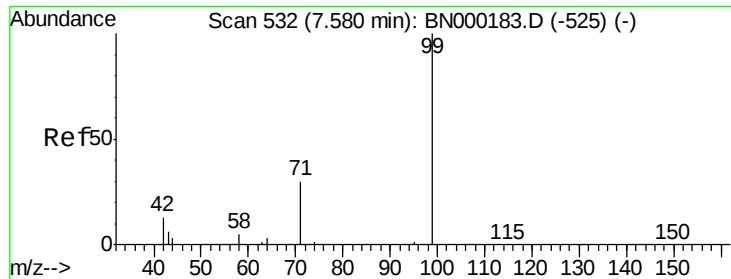
2-Fluorophenol
Concen: 0.377 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000209.D
Acq: 01 Mar 2018 09:58

Tgt Ion:112 Resp: 4179
Ion Ratio Lower Upper
112 100
64 54.1 60.1 90.1#
63 28.1 116.8 175.2#



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: 0.355 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

Instrument :

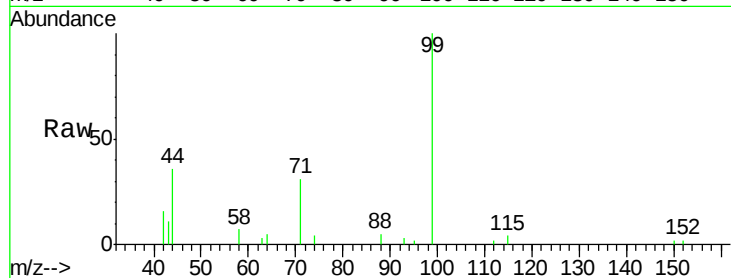
BNA_N

ClientSampleId :

MDL-S-BL-3

Tot Ion: 99 Resp: 4998

Ion	Ratio	Lower	Upper
99	100		
42	15.6	20.2	30.2#
71	32.4	28.4	42.6

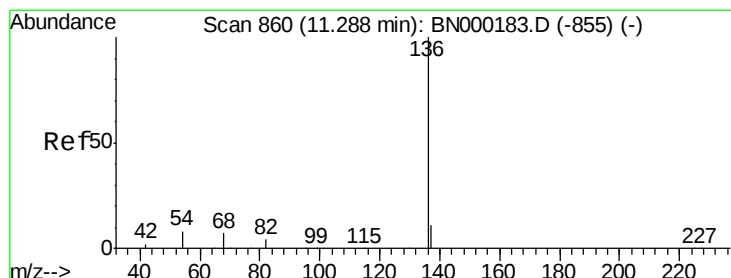
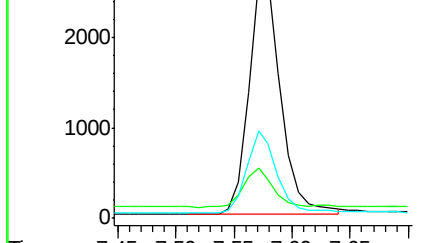
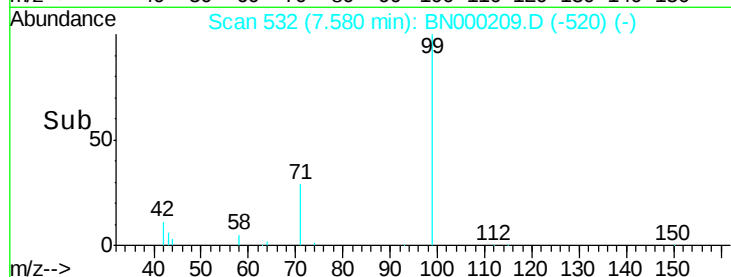


Abundance Ion 99.00 (98.70 to 99.70): BN000209.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BN000209.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BN000209.D (-520) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

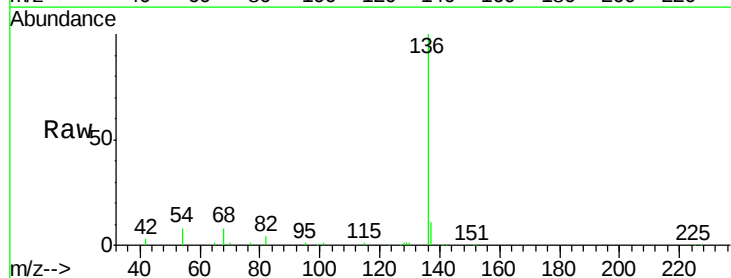
Delta R.T. -0.00 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

Tgt Ion: 136 Resp: 19925

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	8.0	29.1	43.7#
68	7.7	6.2	9.2



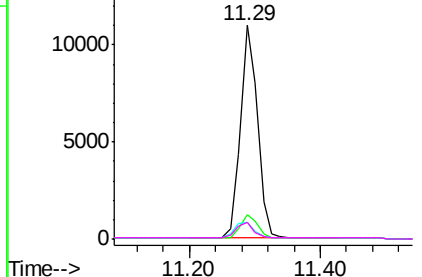
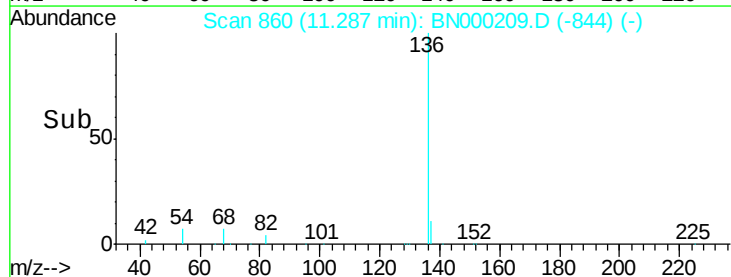
Abundance Ion 136.00 (135.70 to 136.70): BN000209.D (-844) (-)

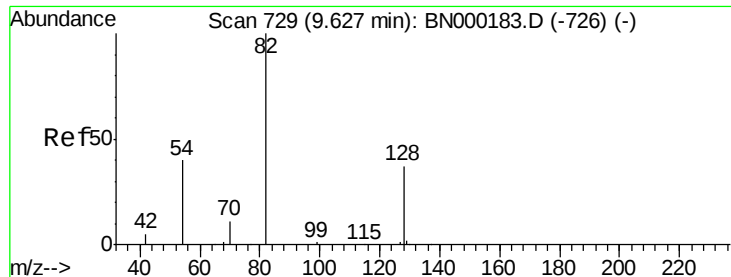
Ion 137.00 (136.70 to 137.70): BN000209.D (-844) (-)

Ion 54.00 (53.70 to 54.70): BN000209.D (-844) (-)

Ion 68.00 (67.70 to 68.70): BN000209.D (-844) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.367 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-3

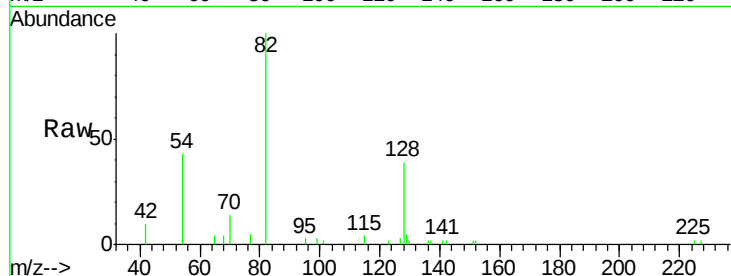
Tot Ion: 82 Resp: 4336

Ion Ratio Lower Upper

82 100

128 39.1 150.0 225.0#

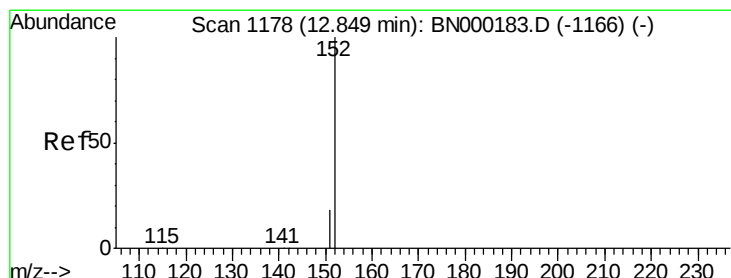
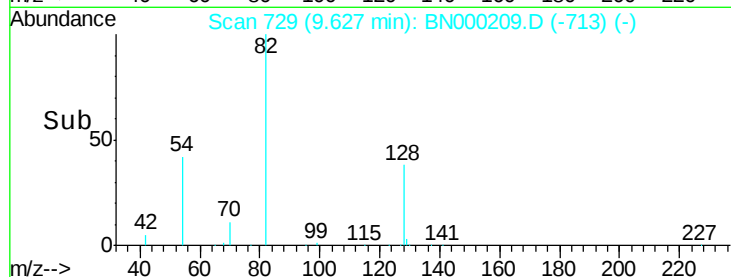
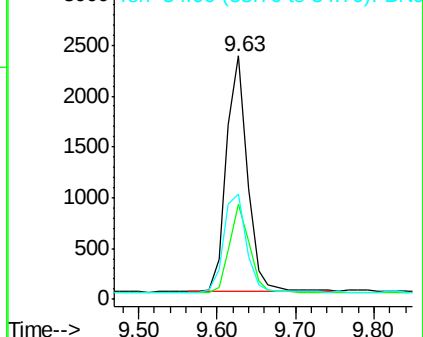
54 43.3 154.2 231.4#



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: 0.404 ng

RT: 12.85 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BN000209.D

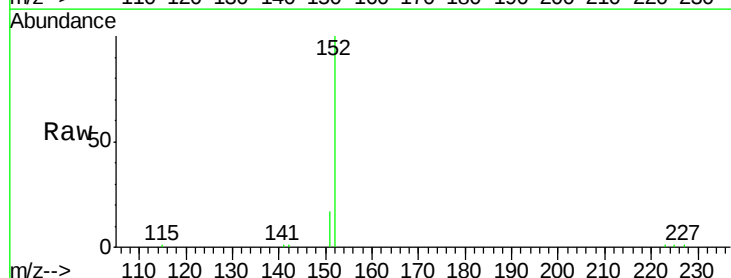
Acq: 01 Mar 2018 09:58

Tgt Ion: 152 Resp: 12109

Ion Ratio Lower Upper

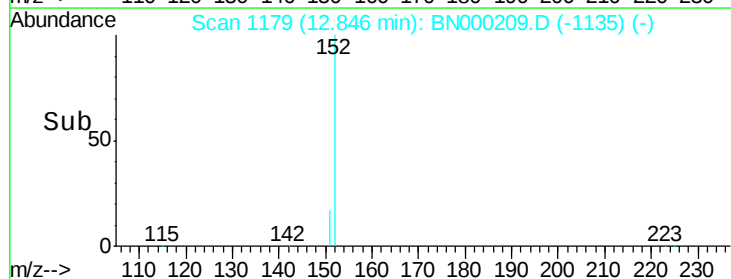
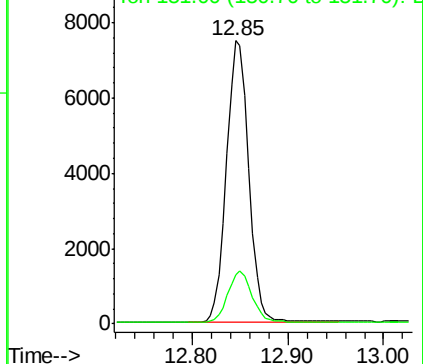
152 100

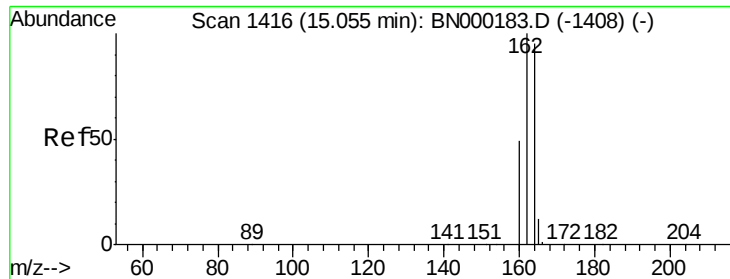
151 19.2 15.4 23.0



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: BN000209.D

Acq: 01 Mar 2018 09:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-3

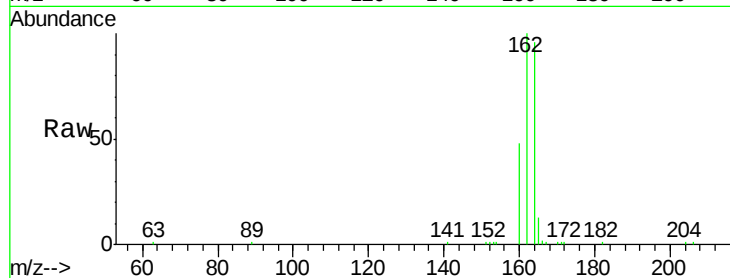
Tot Ion:164 Resp: 9981

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

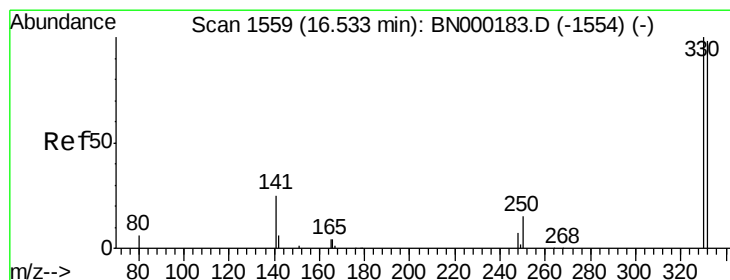
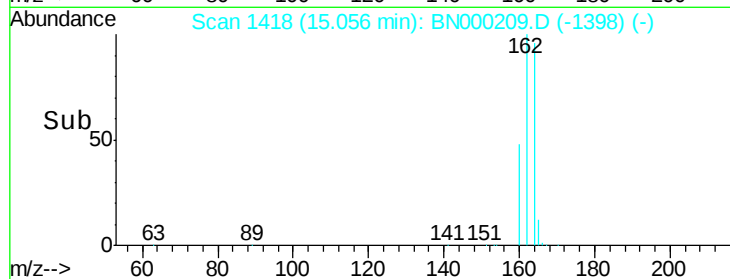
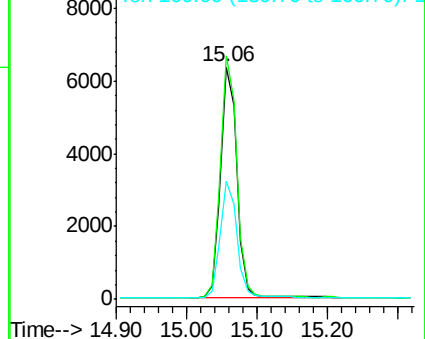
160 50.7 37.1 55.7



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: 0.325 ng

RT: 16.53 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

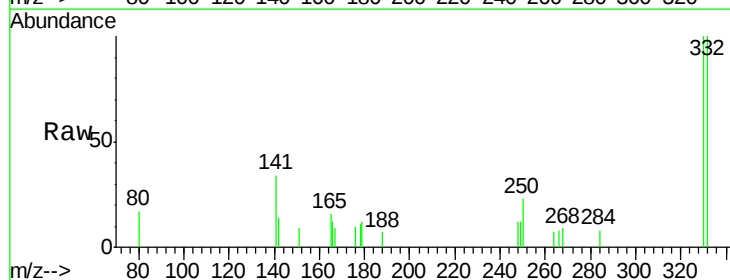
Tgt Ion:330 Resp: 1031

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

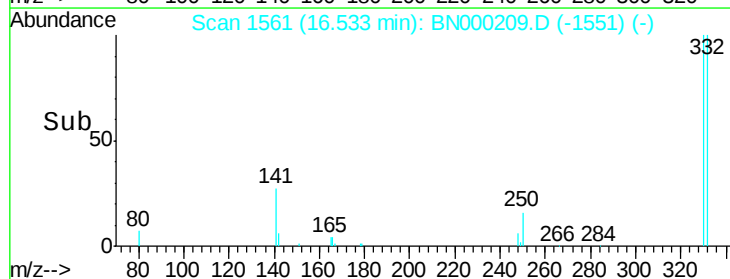
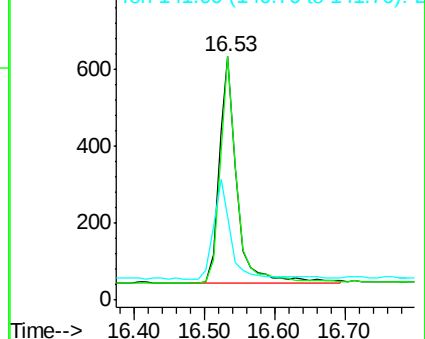
141 42.4 33.7 50.5

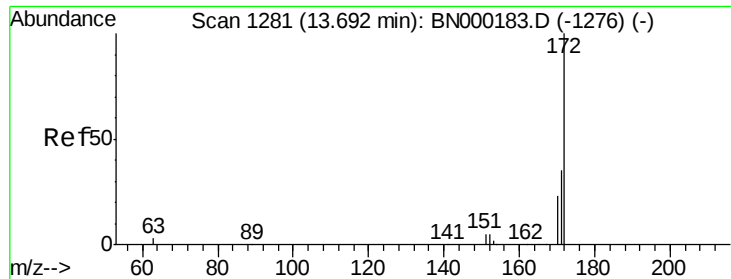


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

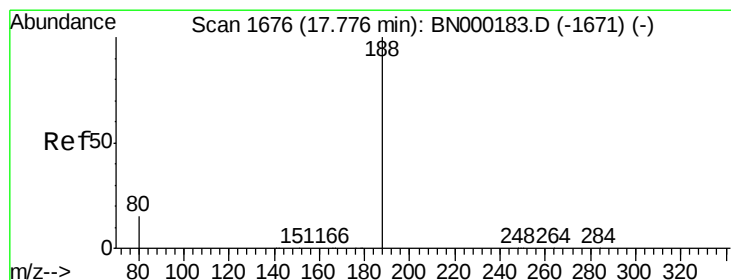
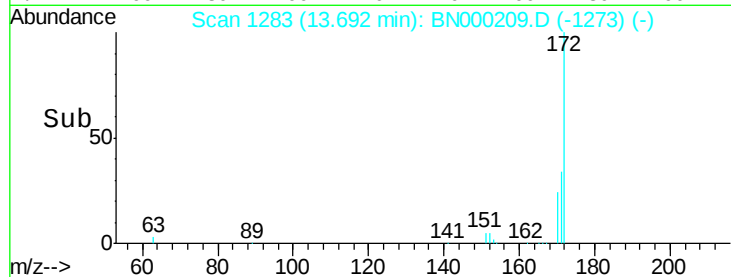
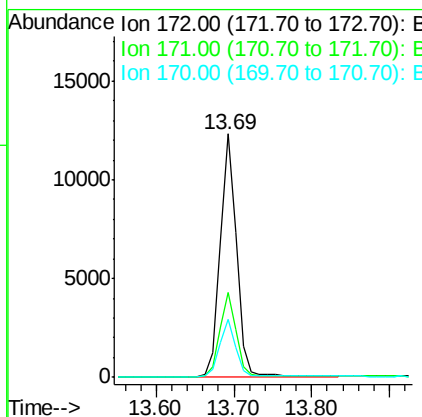
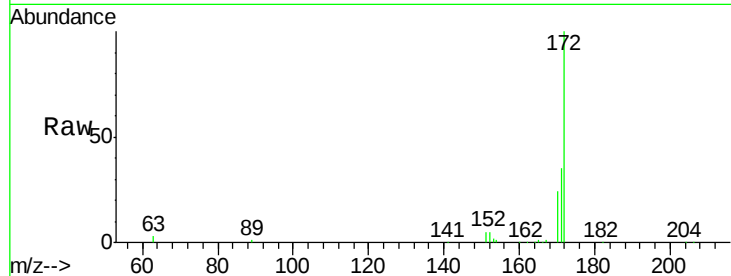




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.69 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN000209.D
Acq: 01 Mar 2018 09:58

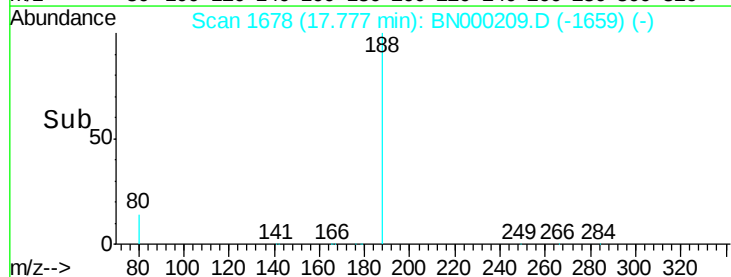
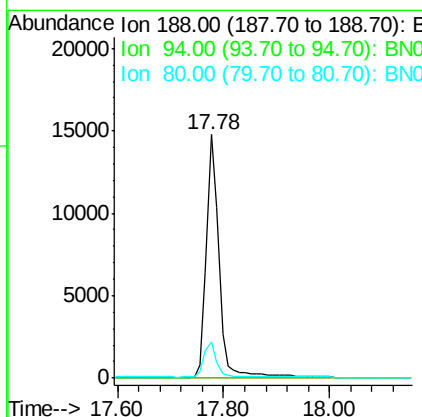
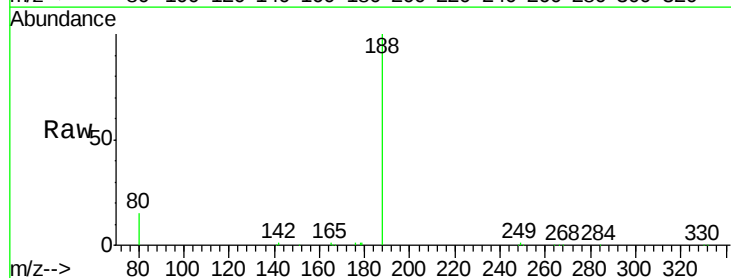
Instrument :
BNA_N
ClientSampleId :
MDL-S-BL-3

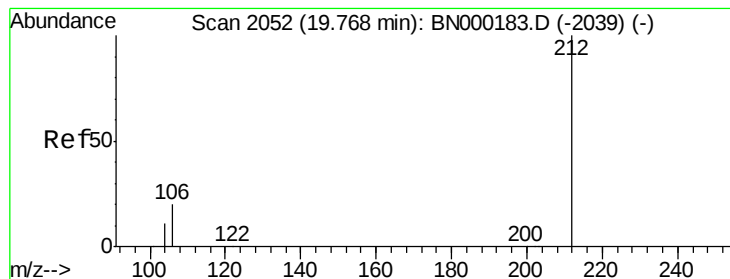
Tot Ion:172 Resp: 18349
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 24.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BN000209.D
Acq: 01 Mar 2018 09:58

Tgt Ion:188 Resp: 24630
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.77 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-3

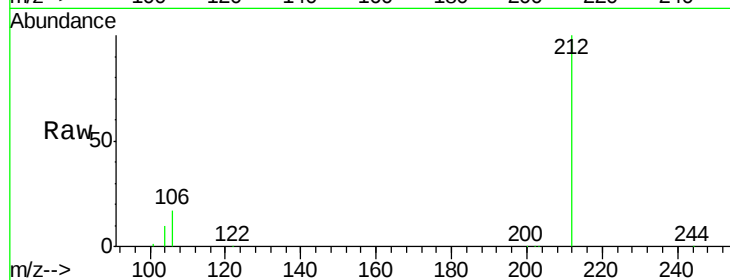
Tot Ion:212 Resp: 25025

Ion Ratio Lower Upper

212 100

106 18.8 2.8 4.2#

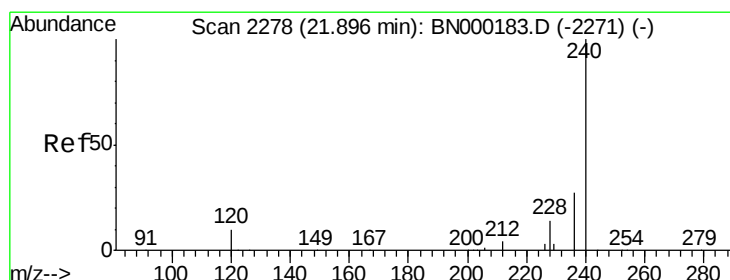
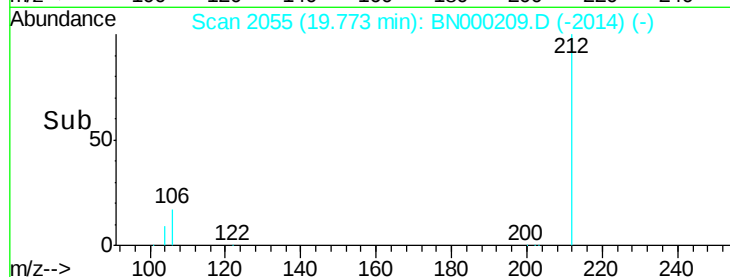
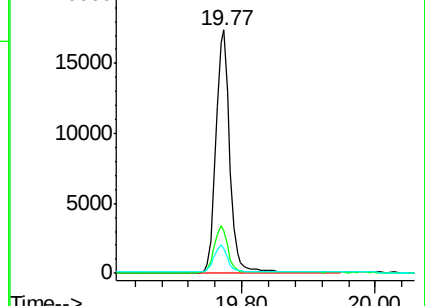
104 10.7 1.6 2.4#



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: BN000209.D

Acq: 01 Mar 2018 09:58

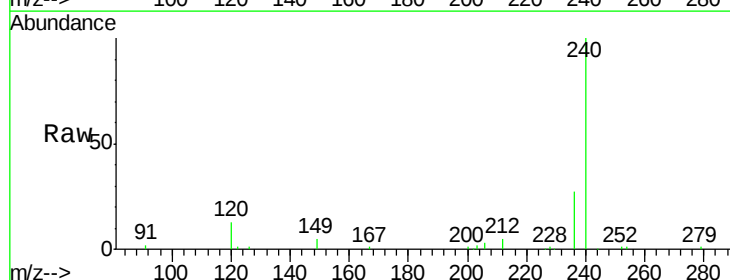
Tgt Ion:240 Resp: 18542

Ion Ratio Lower Upper

240 100

120 13.1 5.5 8.3#

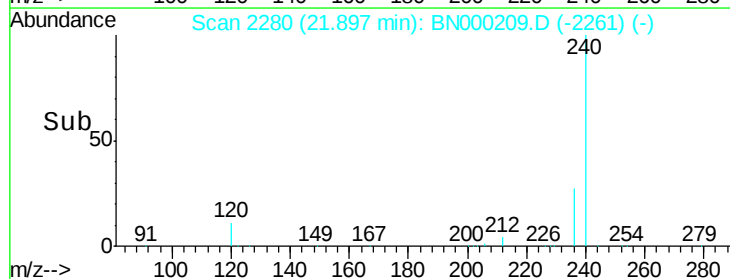
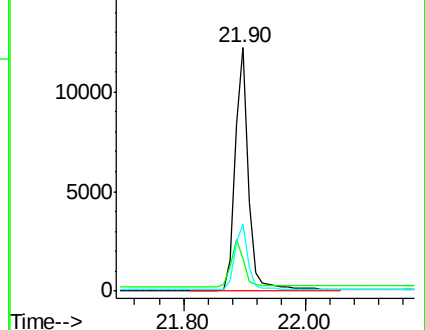
236 27.5 20.7 31.1

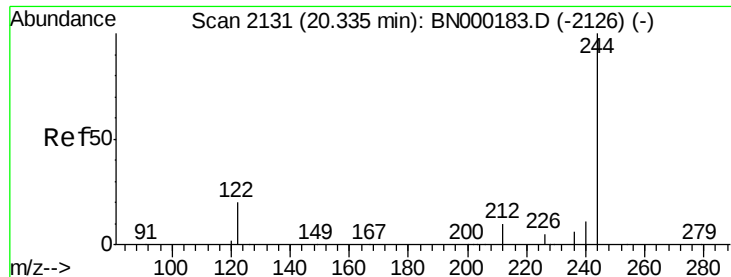


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 20.34 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BN000209.D

Acq: 01 Mar 2018 09:58

Instrument :

BNA_N

ClientSampleId :

MDL-S-BL-3

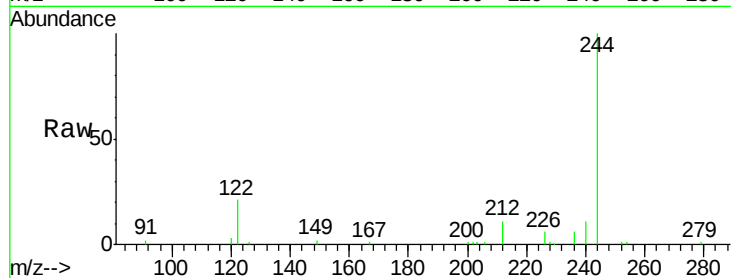
Tot Ion:244 Resp: 14422

Ion Ratio Lower Upper

244 100

212 10.6 25.4 38.0#

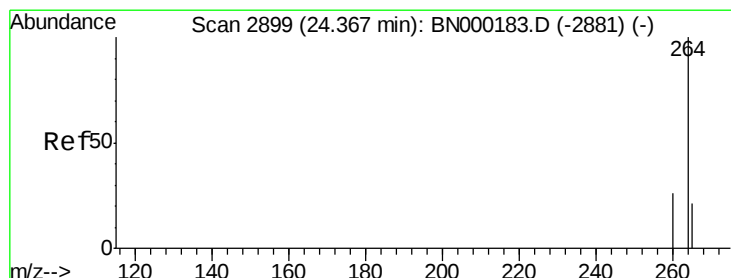
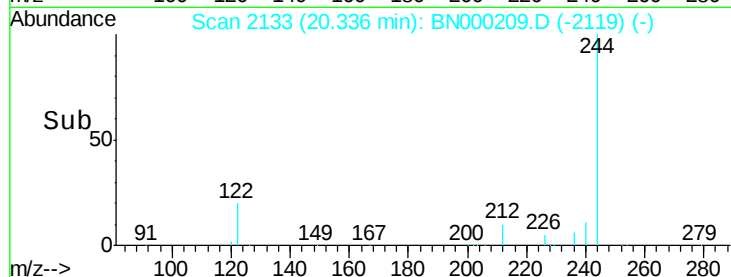
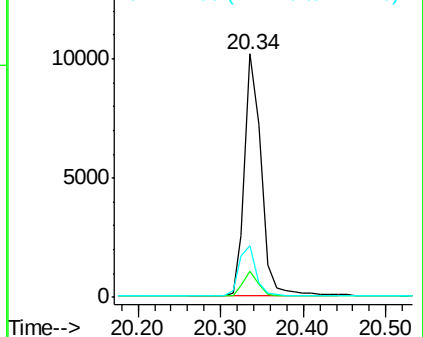
122 21.0 8.1 12.1#



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: BN000209.D

Acq: 01 Mar 2018 09:58

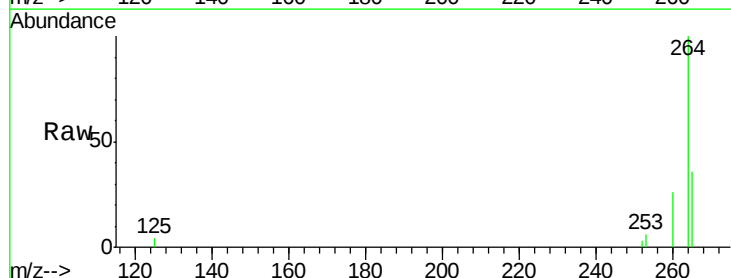
Tgt Ion:264 Resp: 15381

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 35.9 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

