

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000188.D
 Acq On : 27 Feb 2018 13:27
 Operator : JU/SJ
 Sample : MDL-W-BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL

Quant Time: Feb 27 15:16:47 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

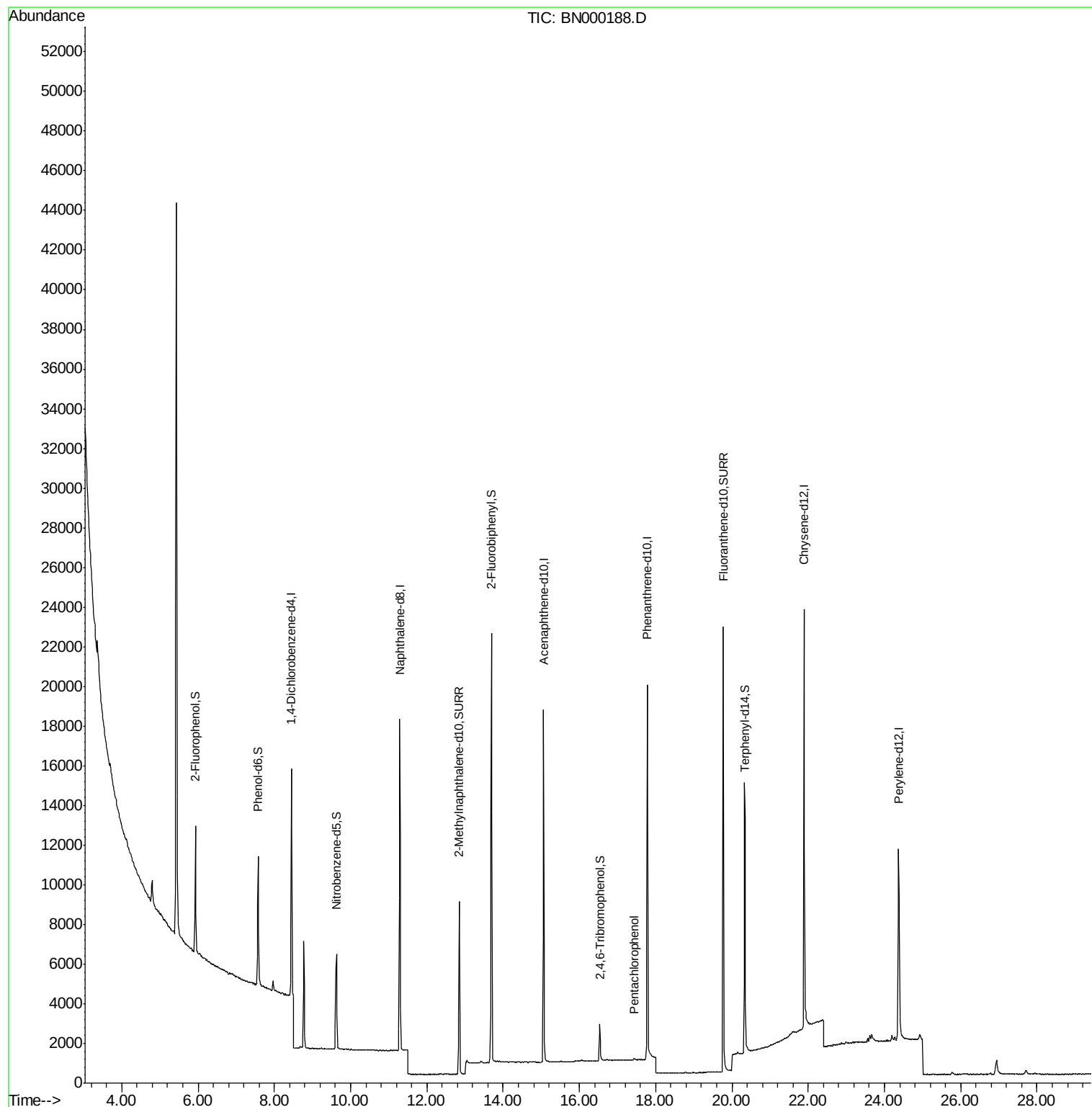
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	6328	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22200	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	11105	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	27386	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19951	0.40	ng	0.00
34) Perylene-d12	24.37	264	15455	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	5744	0.43	ng	0.00
5) Phenol-d6	7.57	99	6916	0.41	ng	0.00
8) Nitrobenzene-d5	9.63	82	4541	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	11966	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1130	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	18343	0.35	ng	0.00
25) Fluoranthene-d10	19.77	212	24473	0.33	ng	0.00
29) Terphenyl-d14	20.35	244	13663	0.39	ng	0.01
Target Compounds						
22) Pentachlorophenol	17.43	266	71	0.106	ng	Qvalue # 71

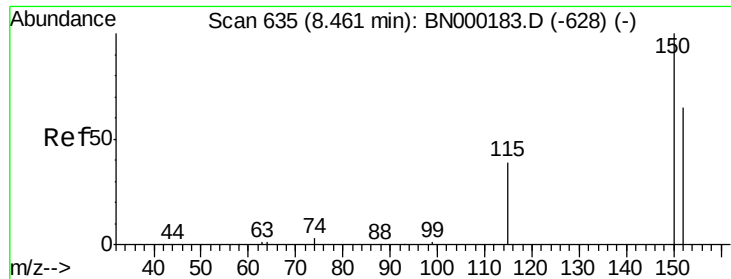
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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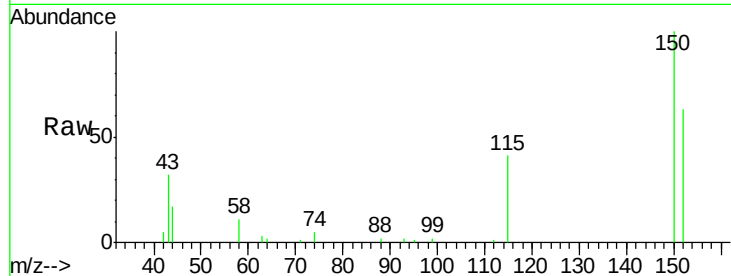


#1

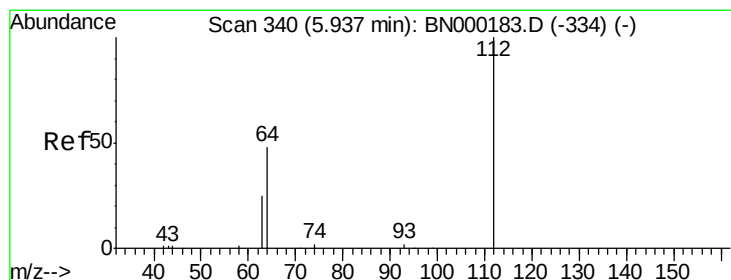
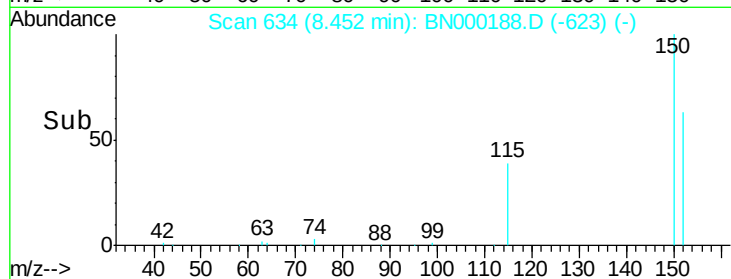
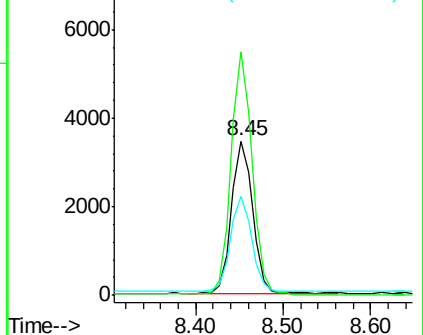
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000188.D
Acq: 27 Feb 2018 13:27

Instrument :
BNA_N
ClientSampleId :
MDL-W-BL

Tgt Ion:152 Resp: 6328
Ion Ratio Lower Upper
152 100
150 157.7 117.2 175.8
115 64.2 57.0 85.6



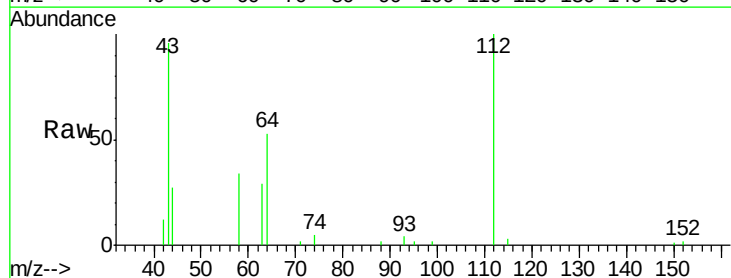
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



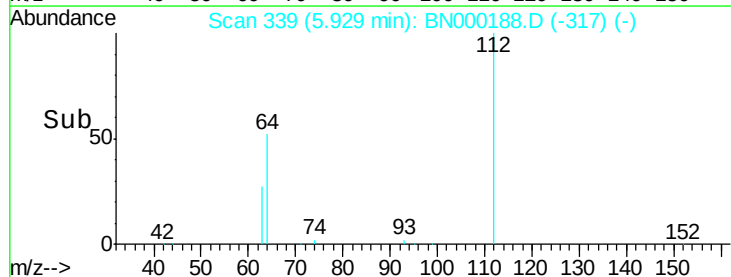
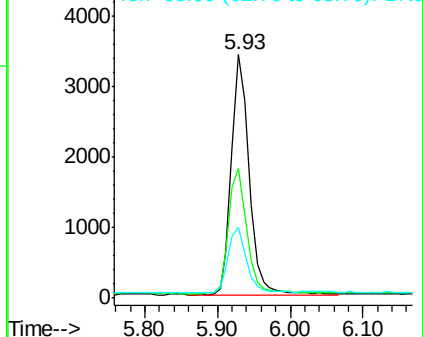
#4

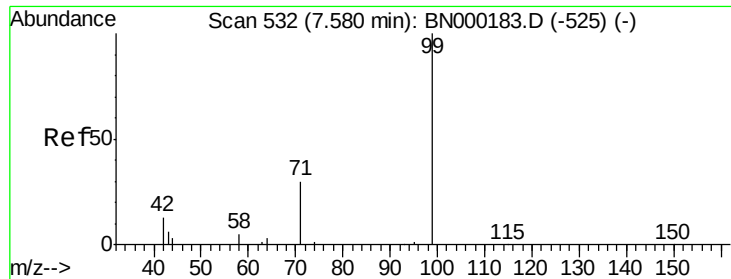
2-Fluorophenol
Concen: 0.430 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000188.D
Acq: 27 Feb 2018 13:27

Tgt Ion:112 Resp: 5744
Ion Ratio Lower Upper
112 100
64 53.6 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: 0.407 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL

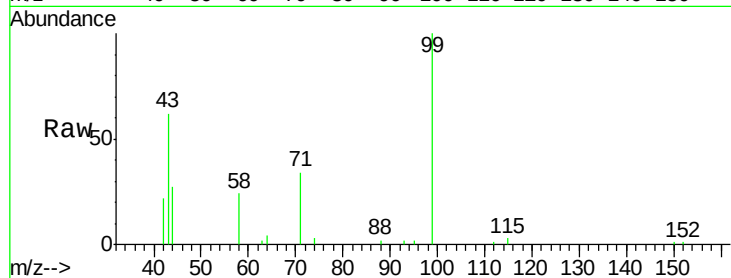
Tgt Ion: 99 Resp: 6916

Ion Ratio Lower Upper

99 100

42 15.1 20.2 30.2#

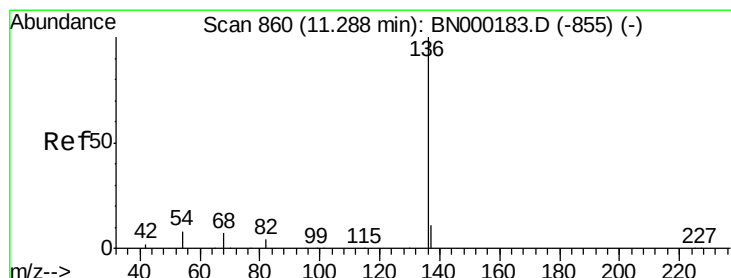
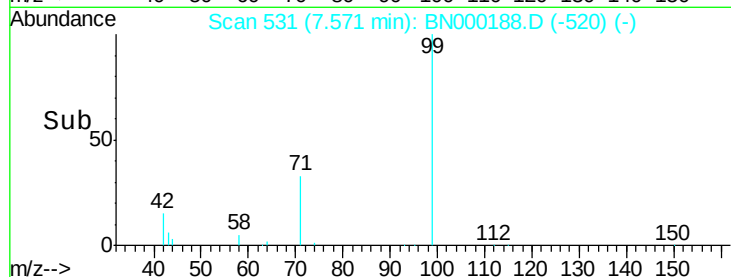
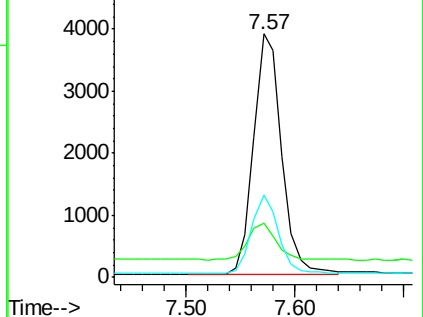
71 30.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000188.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000188.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000188.D (-525) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

Tgt Ion: 136 Resp: 22200

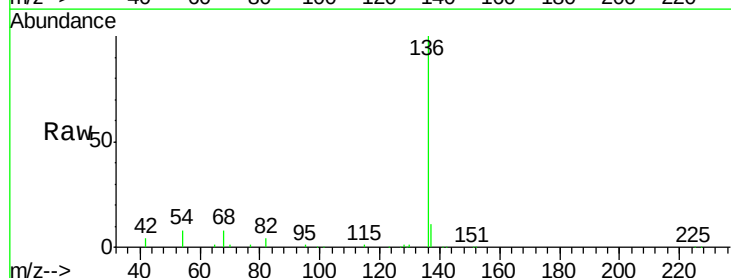
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 8.0 29.1 43.7#

68 7.5 6.2 9.2

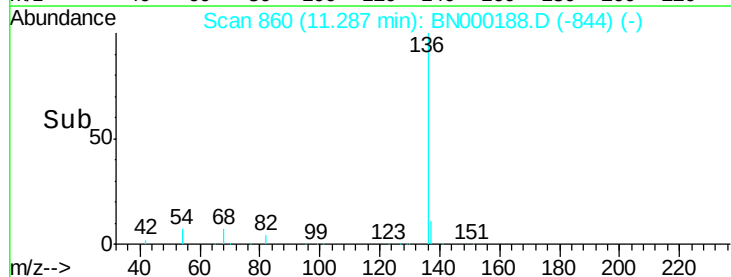
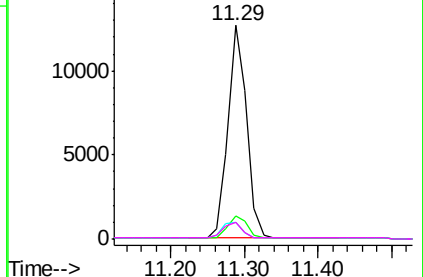


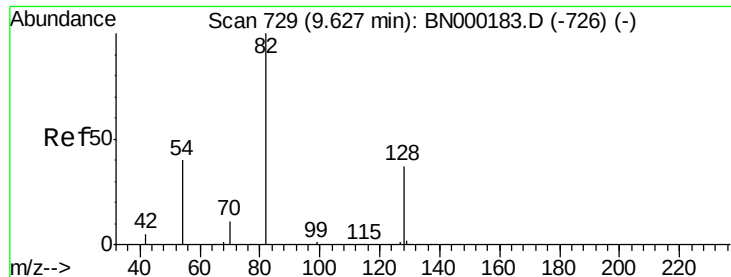
Abundance Ion 136.00 (135.70 to 136.70): BN000188.D (-855) (-)

Ion 137.00 (136.70 to 137.70): BN000188.D (-855) (-)

Ion 54.00 (53.70 to 54.70): BN000188.D (-855) (-)

Ion 68.00 (67.70 to 68.70): BN000188.D (-855) (-)





#8

Nitrobenzene-d5

Concen: 0.345 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL

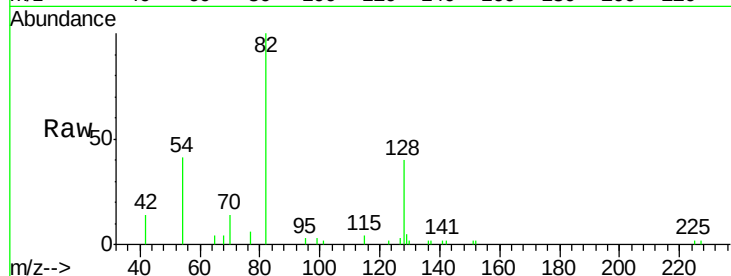
Tgt Ion: 82 Resp: 4541

Ion Ratio Lower Upper

82 100

128 40.5 150.0 225.0#

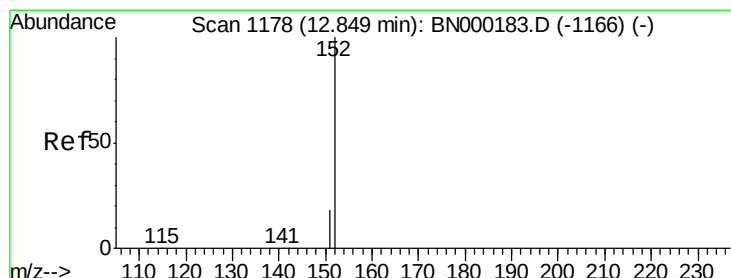
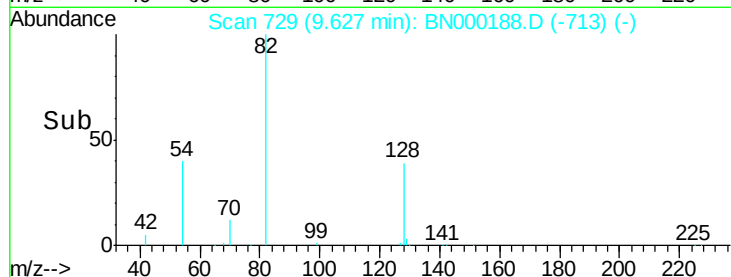
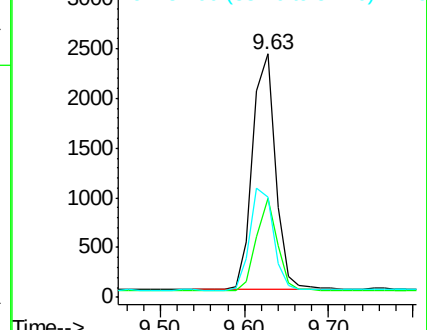
54 41.2 154.2 231.4#



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: 0.358 ng

RT: 12.85 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BN000188.D

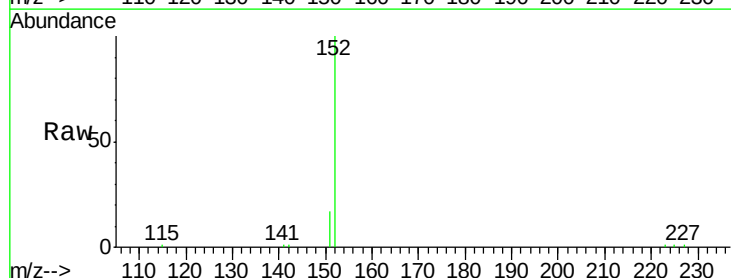
Acq: 27 Feb 2018 13:27

Tgt Ion: 152 Resp: 11966

Ion Ratio Lower Upper

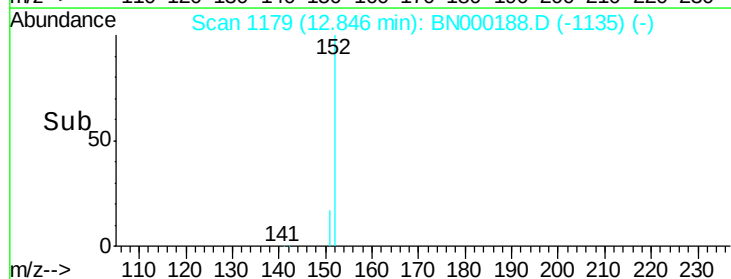
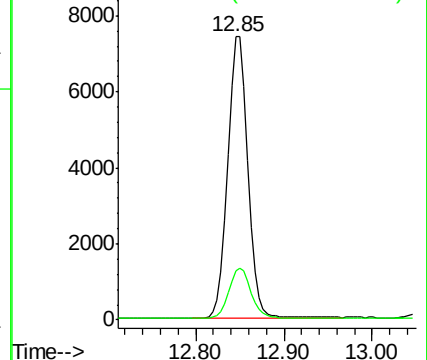
152 100

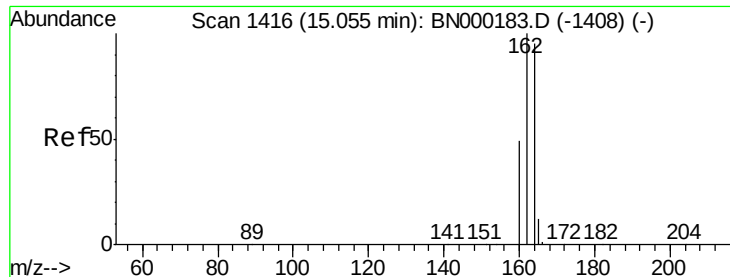
151 19.3 15.4 23.0



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: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL

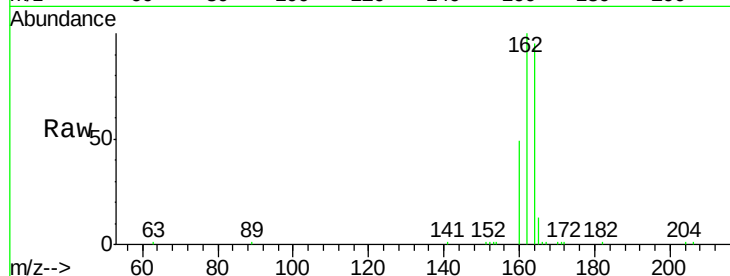
Tgt Ion:164 Resp: 11105

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

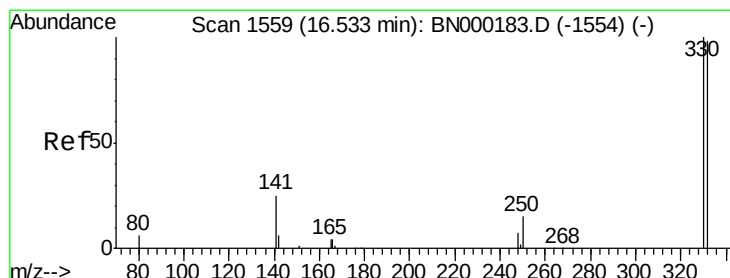
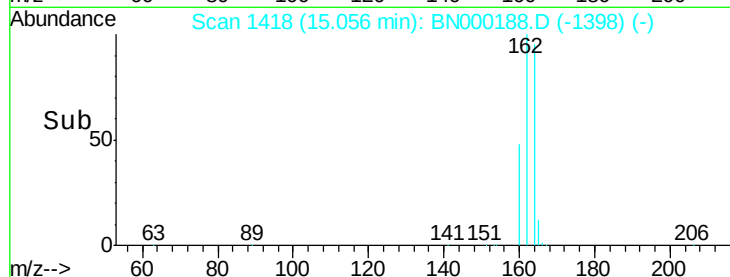
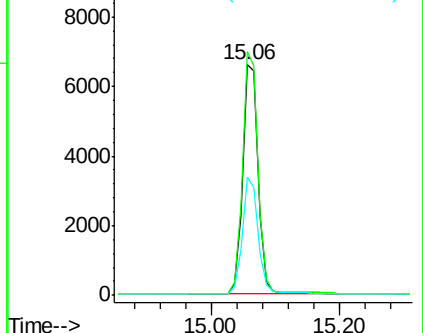
160 51.3 37.1 55.7



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: 0.320 ng

RT: 16.53 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

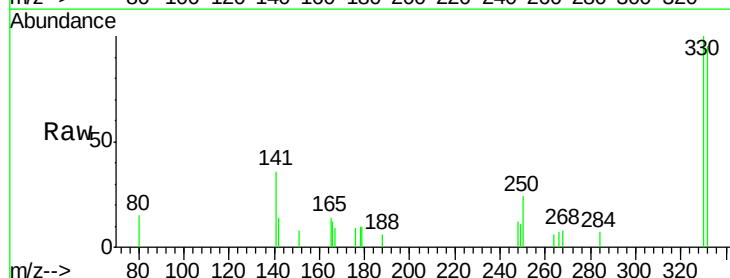
Tgt Ion:330 Resp: 1130

Ion Ratio Lower Upper

330 100

332 95.3 152.7 229.1#

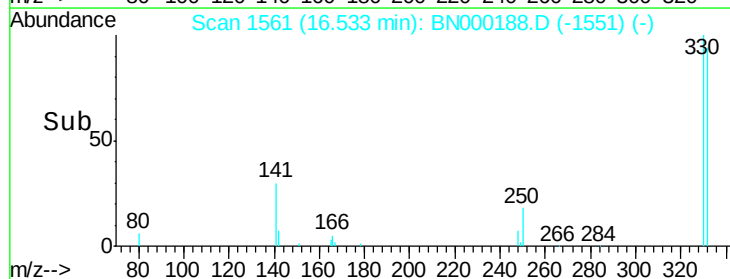
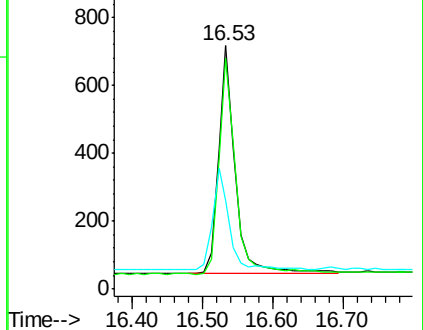
141 45.1 33.7 50.5

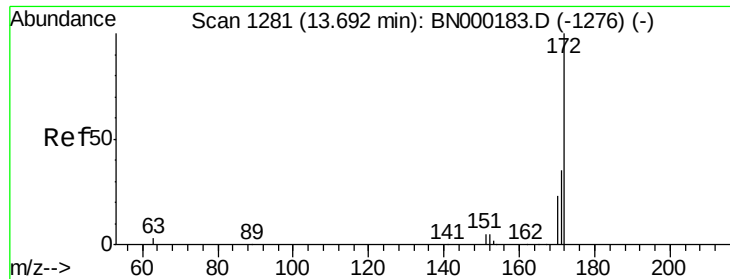


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

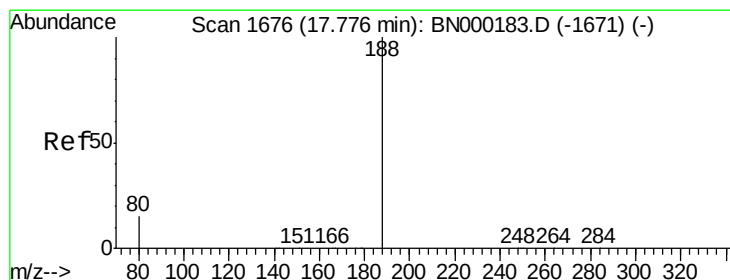
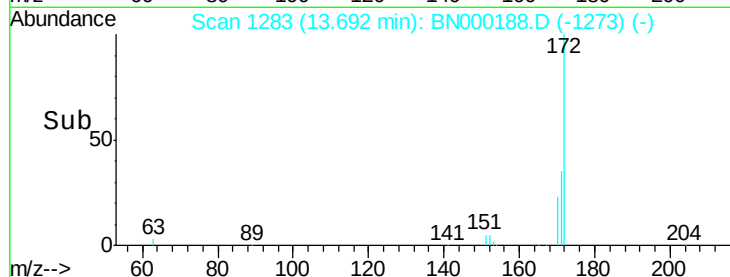
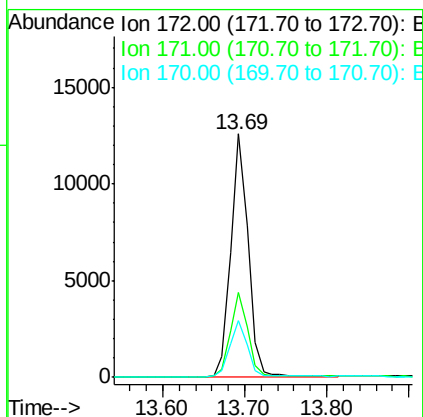
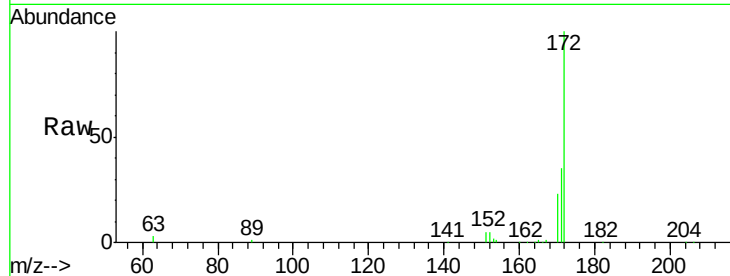




#15
 2-Fluorobiphenyl
 Concen: 0.348 ng
 RT: 13.69 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN000188.D
 Acq: 27 Feb 2018 13:27

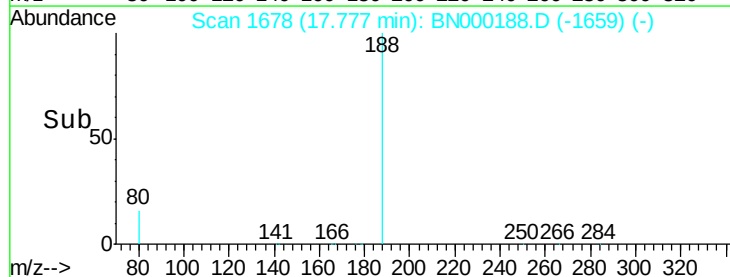
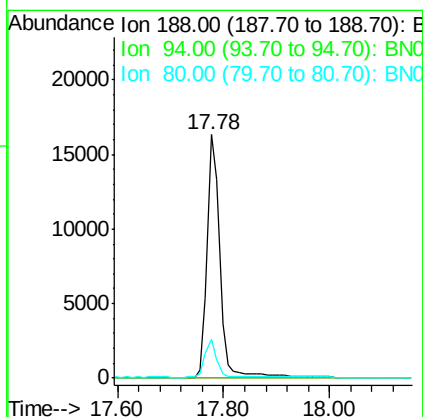
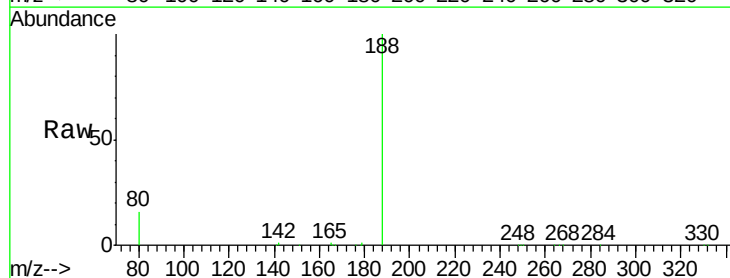
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL

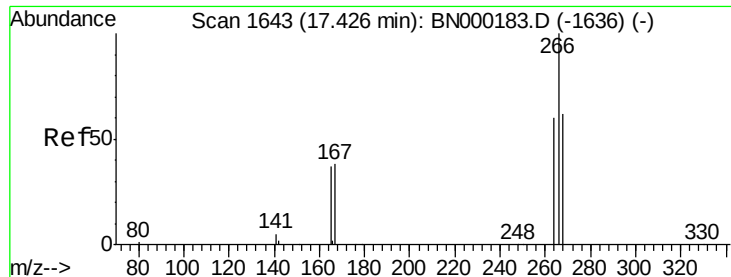
Tgt Ion:172 Resp: 18343
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.9 44.9
 170 23.4 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.78 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BN000188.D
 Acq: 27 Feb 2018 13:27

Tgt Ion:188 Resp: 27386
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 15.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.106 ng

RT: 17.43 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampled :

MDL-W-BL

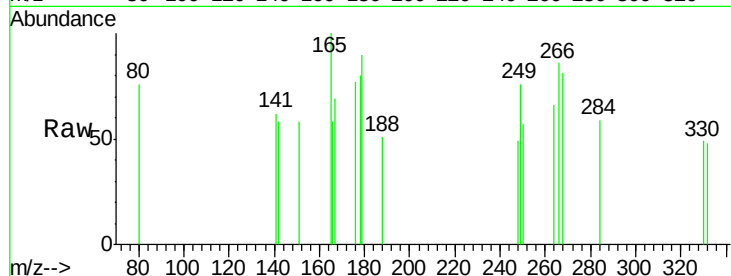
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 76.3 48.0 72.0#

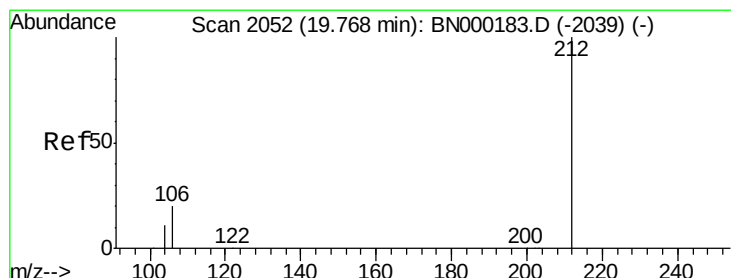
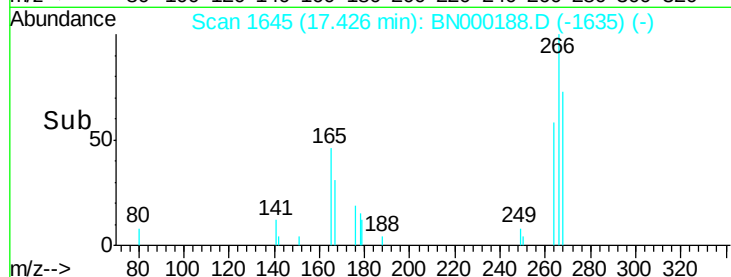
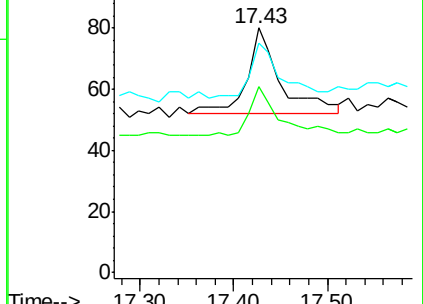
268 93.8 52.0 78.0#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.77 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

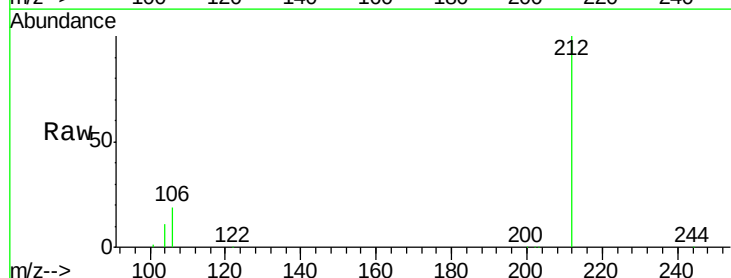
Tgt Ion:212 Resp: 24473

Ion Ratio Lower Upper

212 100

106 19.5 2.8 4.2#

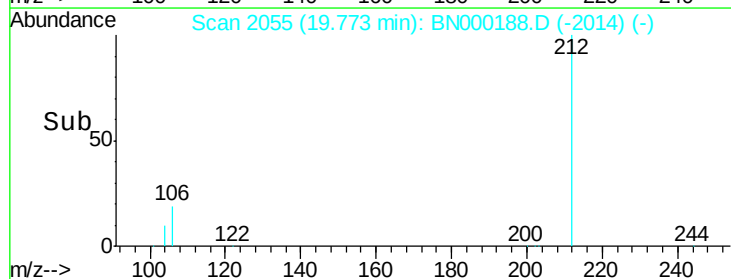
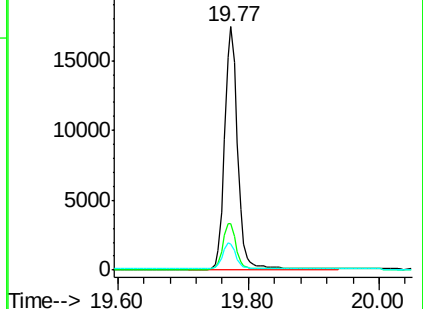
104 10.7 1.6 2.4#

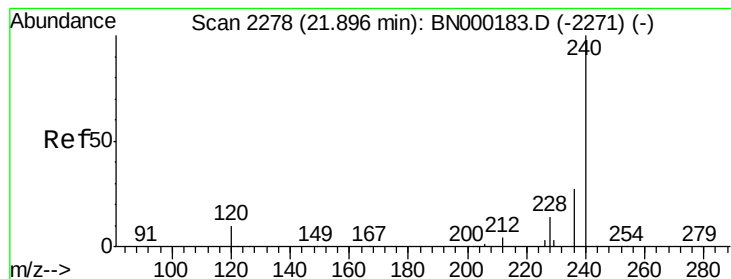


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL

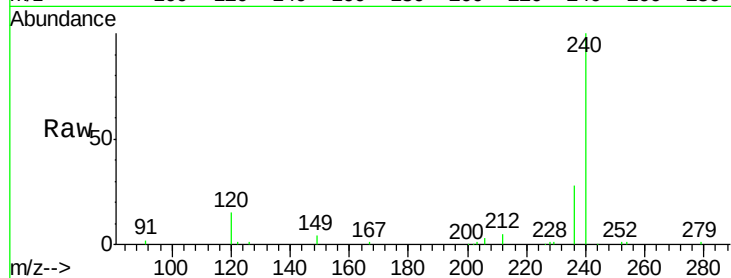
Tgt Ion:240 Resp: 19951

Ion Ratio Lower Upper

240 100

120 14.8 5.5 8.3#

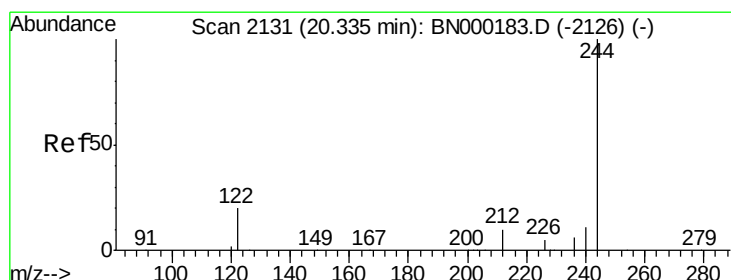
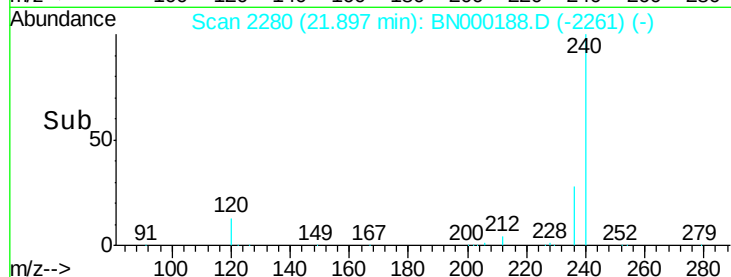
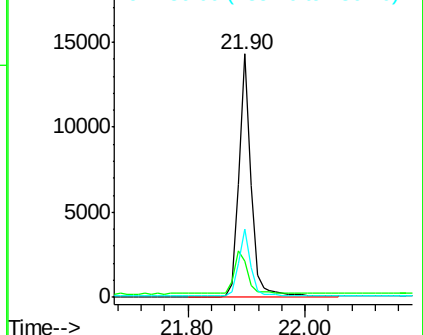
236 28.2 20.7 31.1



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: 0.390 ng

RT: 20.35 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

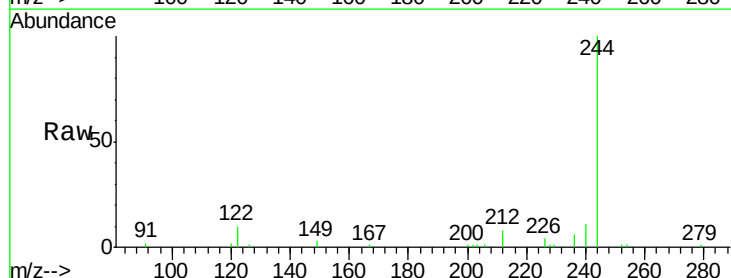
Tgt Ion:244 Resp: 13663

Ion Ratio Lower Upper

244 100

212 7.8 25.4 38.0#

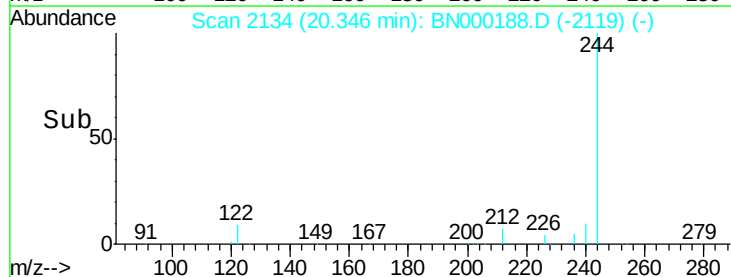
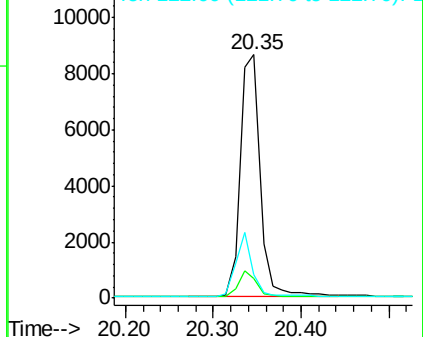
122 9.9 8.1 12.1

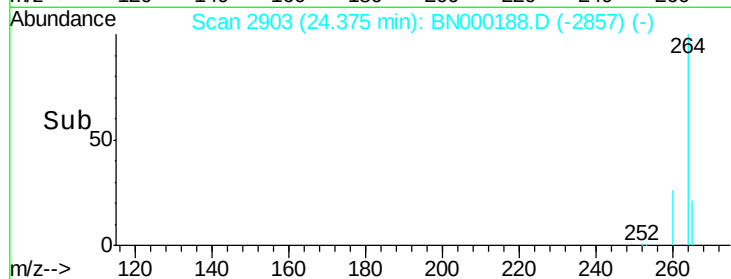
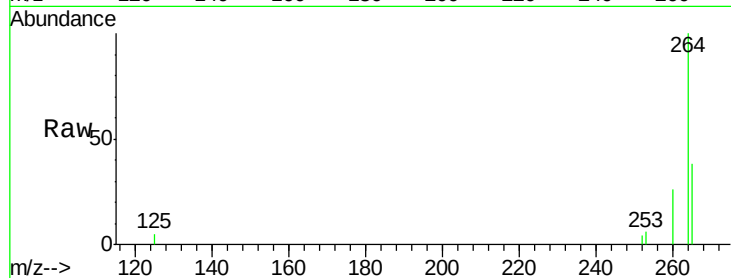
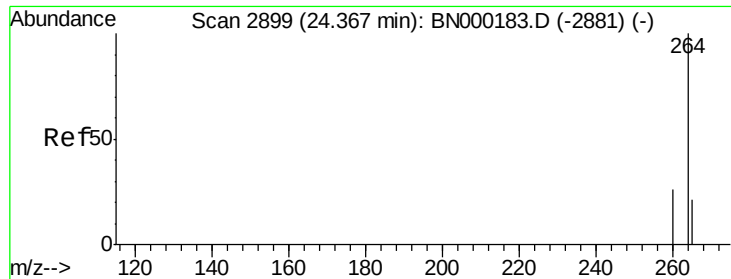


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2903

Delta R.T. 0.01 min

Lab File: BN000188.D

Acq: 27 Feb 2018 13:27

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL

Tgt Ion: 264 Resp: 15455

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 37.9 22.8 34.2

