

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000208.D
 Acq On : 01 Mar 2018 09:23
 Operator : JU/SJ
 Sample : MDL-W-BL-3
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Mar 01 17:02:01 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	4075	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	16118	0.40	ng	0.00
13) Acenaphthene-d10	15.05	164	8542	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	22281	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18384	0.40	ng	0.00
34) Perylene-d12	24.37	264	14792	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3450	0.40	ng	0.00
5) Phenol-d6	7.57	99	4199	0.38	ng	0.00
8) Nitrobenzene-d5	9.63	82	3516	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10052	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	971	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	15364	0.38	ng	0.00
25) Fluoranthene-d10	19.77	212	23147	0.39	ng	0.00
29) Terphenyl-d14	20.33	244	13679	0.42	ng	0.00

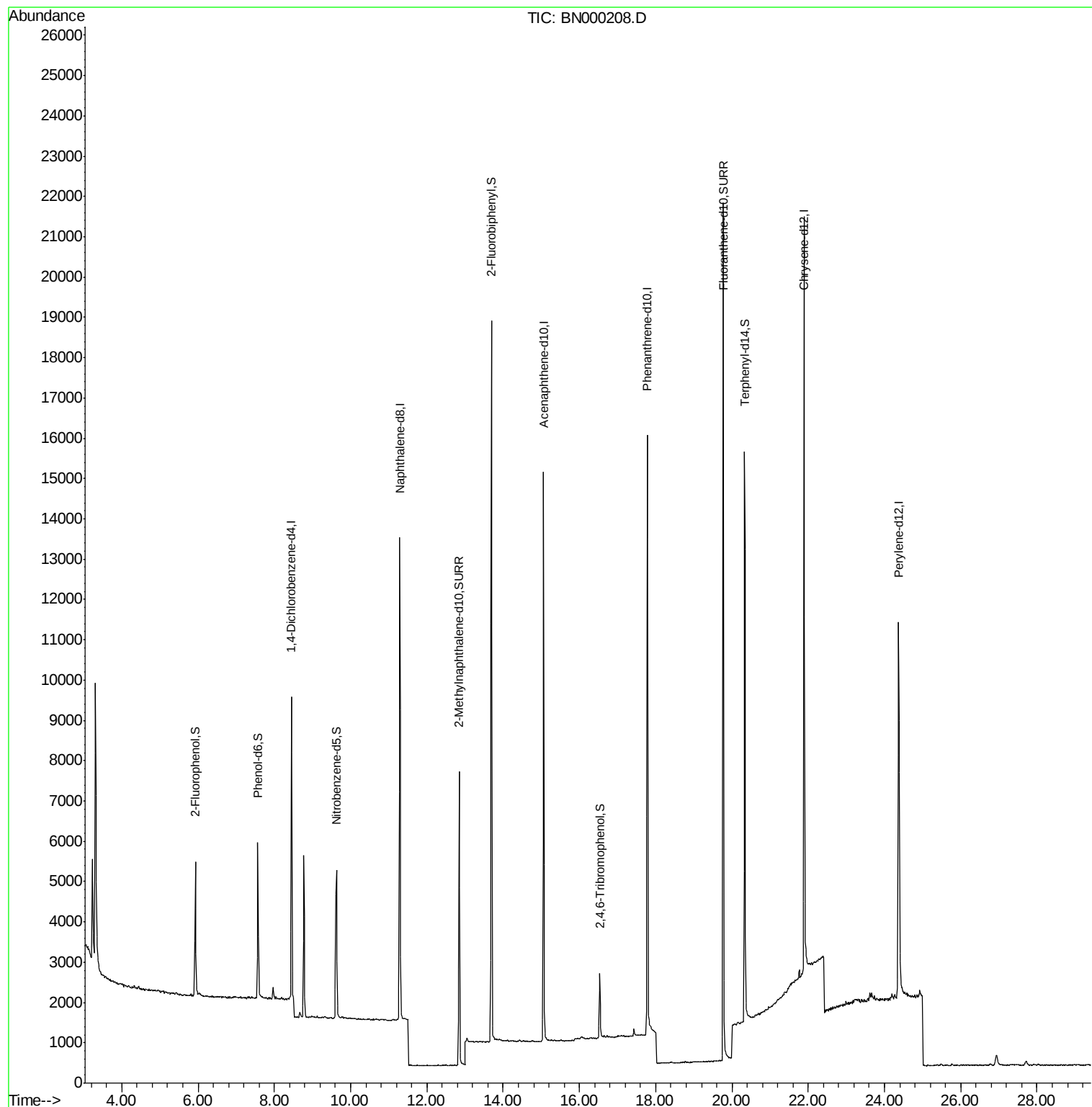
Target Compounds	Qvalue
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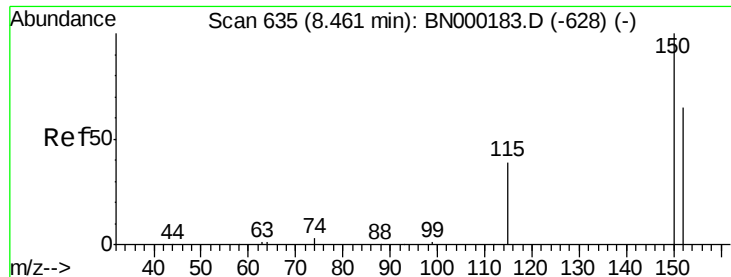
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
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MDL-W-BL-3

Quant Time: Mar 01 17:02:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

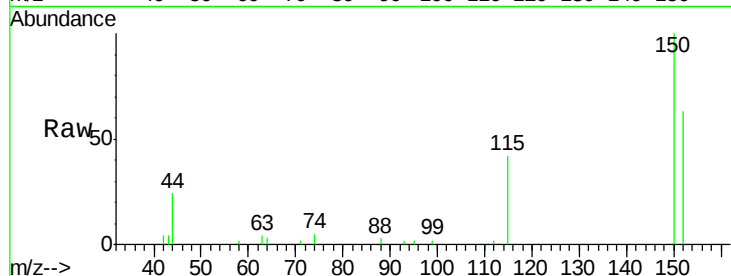
Tot Ion:152 Resp: 4075

Ion Ratio Lower Upper

152 100

150 157.9 117.2 175.8

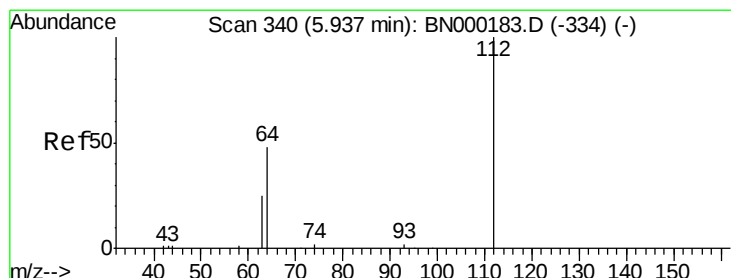
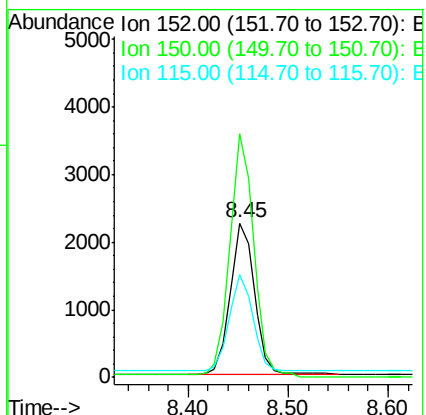
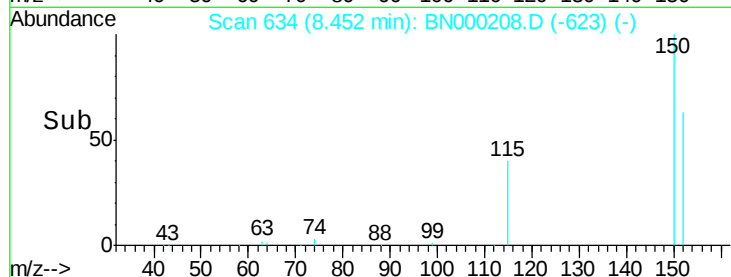
115 66.9 57.0 85.6



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: 0.401 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

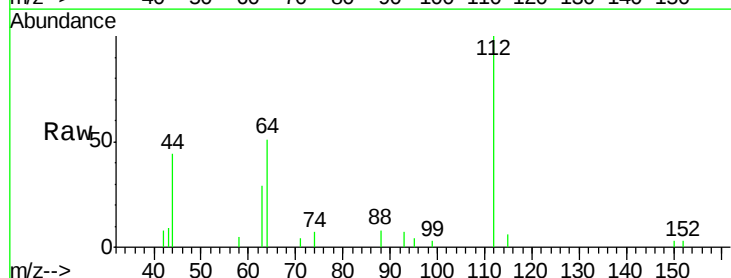
Tgt Ion:112 Resp: 3450

Ion Ratio Lower Upper

112 100

64 52.7 60.1 90.1#

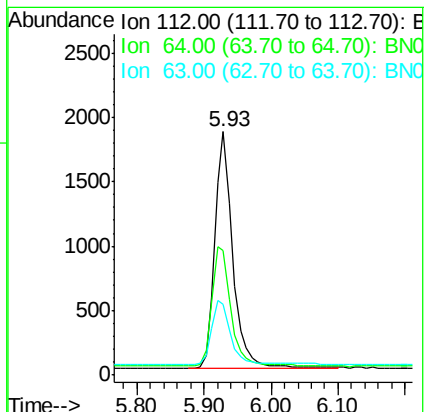
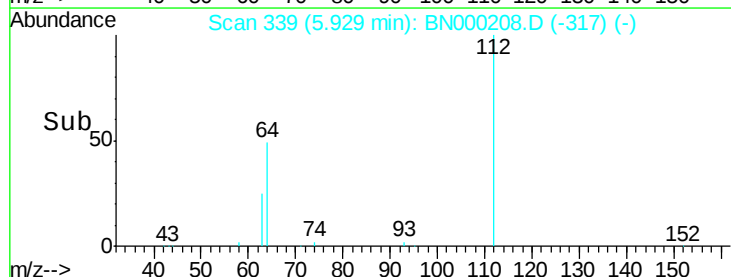
63 28.5 116.8 175.2#

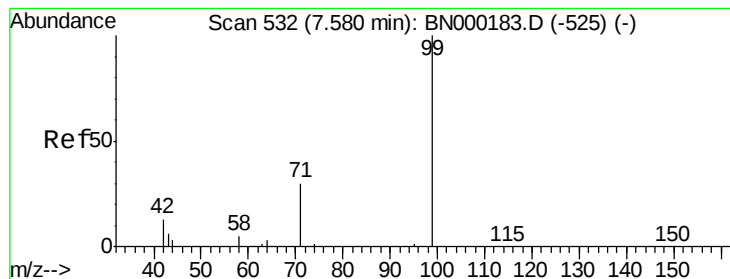


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.384 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

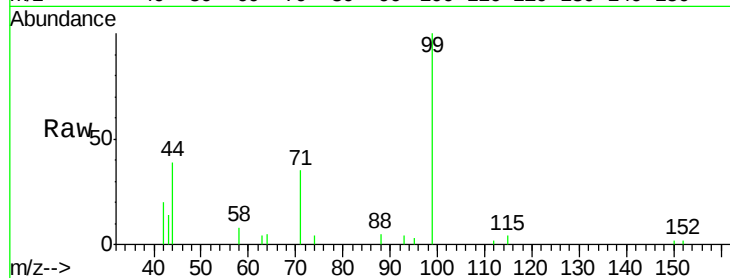
Tot Ion: 99 Resp: 4199

Ion Ratio Lower Upper

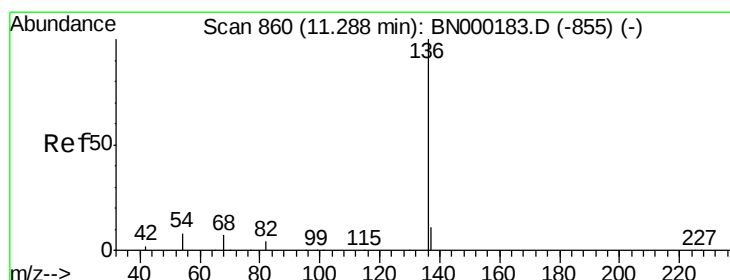
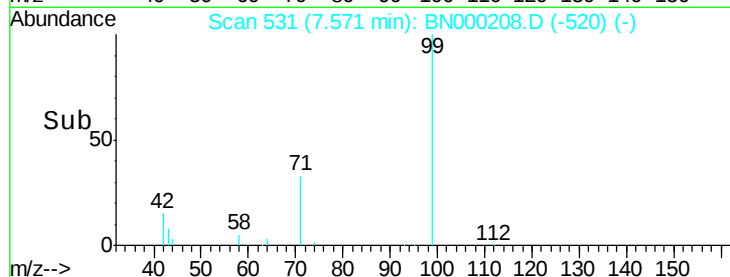
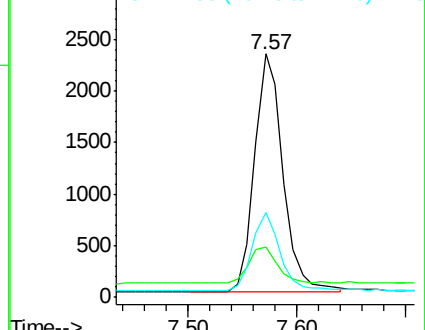
99 100

42 15.4 20.2 30.2#

71 31.6 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Tgt Ion: 136 Resp: 16118

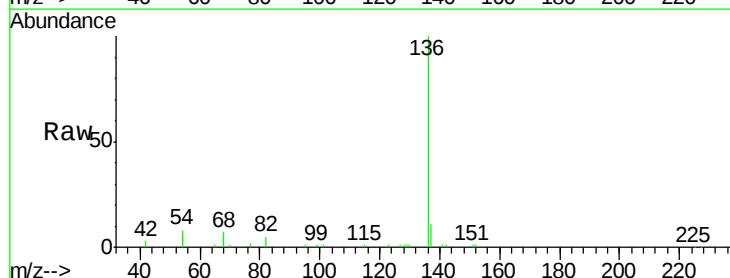
Ion Ratio Lower Upper

136 100

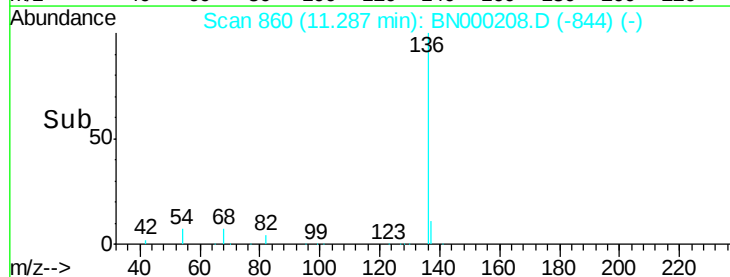
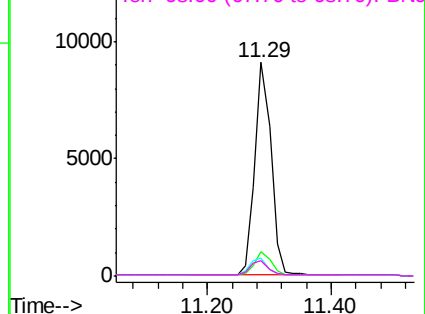
137 11.4 9.5 14.3

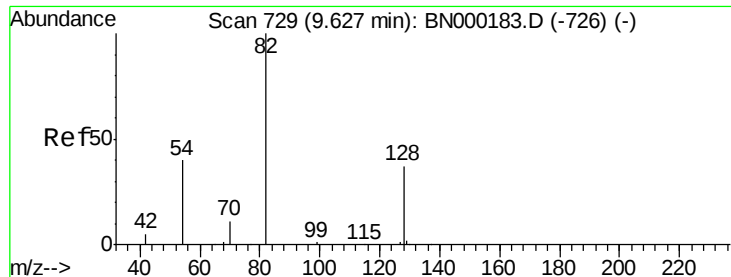
54 8.2 29.1 43.7#

68 7.5 6.2 9.2



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): BN0
Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

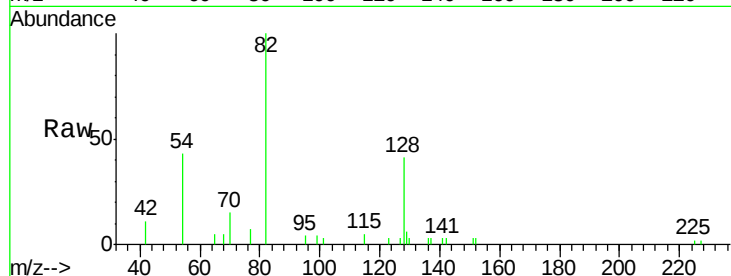
Tot Ion: 82 Resp: 3516

Ion Ratio Lower Upper

82 100

128 41.2 150.0 225.0#

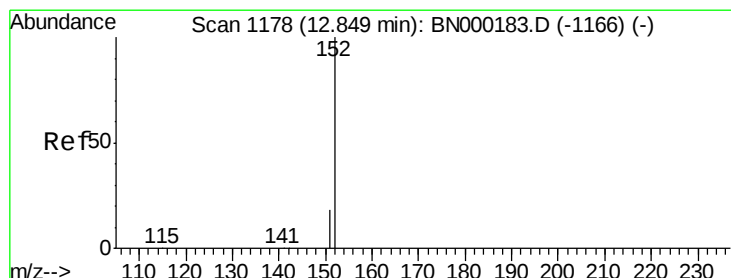
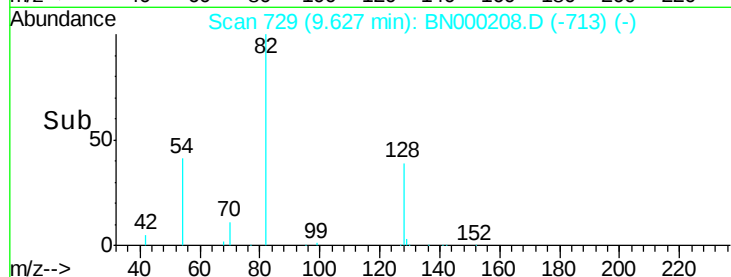
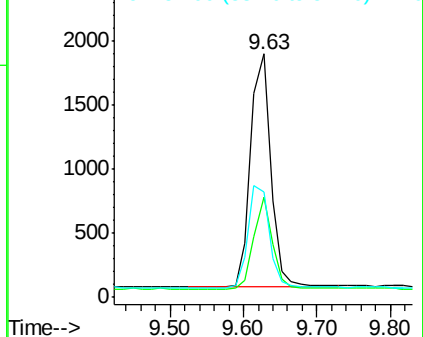
54 43.2 154.2 231.4#



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: 0.414 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000208.D

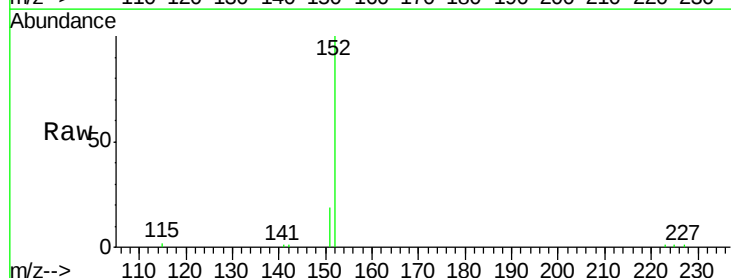
Acq: 01 Mar 2018 09:23

Tgt Ion: 152 Resp: 10052

Ion Ratio Lower Upper

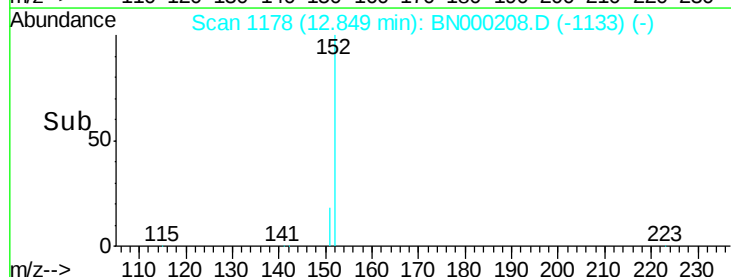
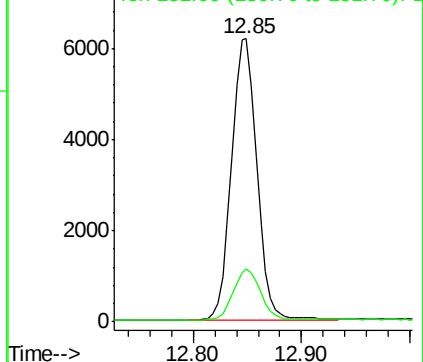
152 100

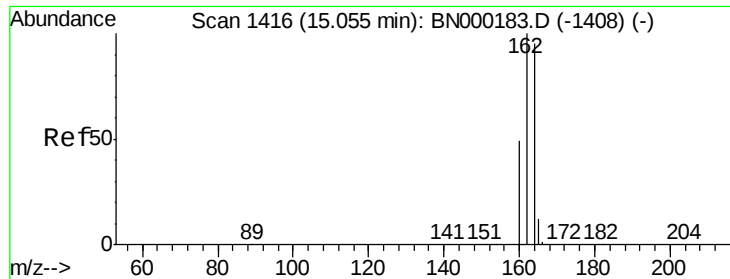
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

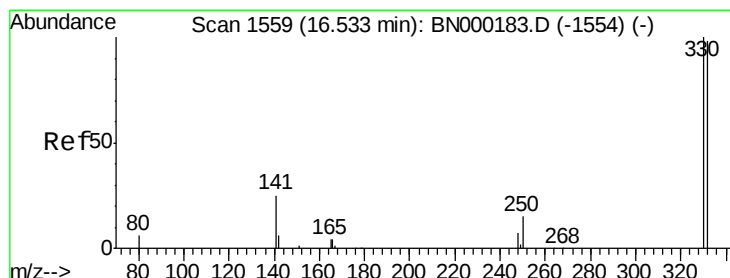
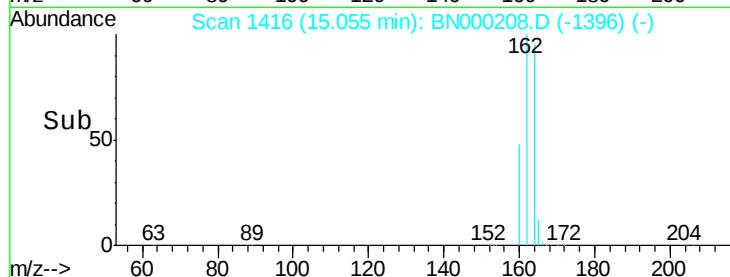
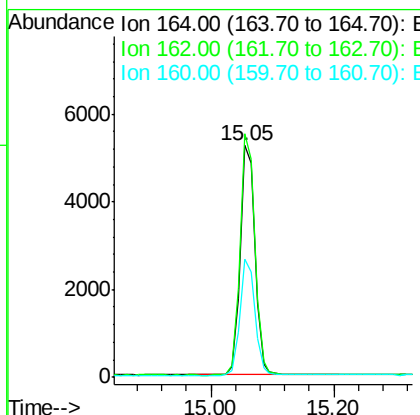
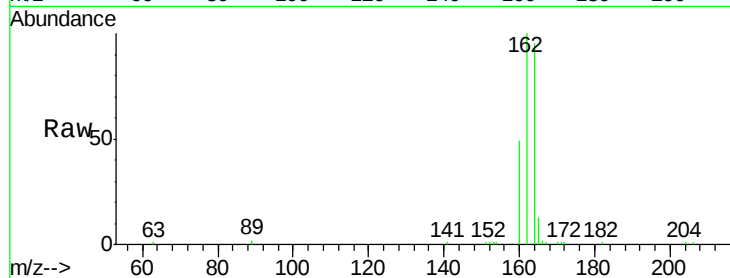




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.05 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

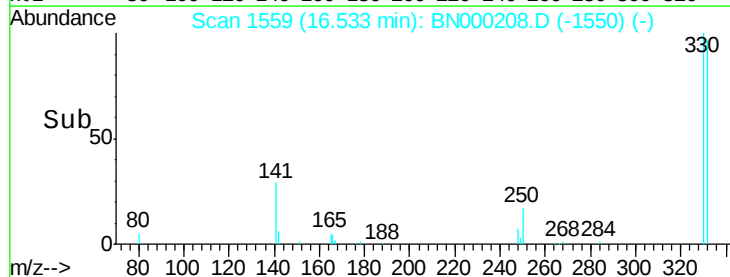
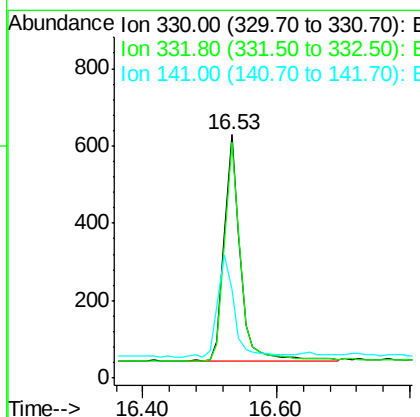
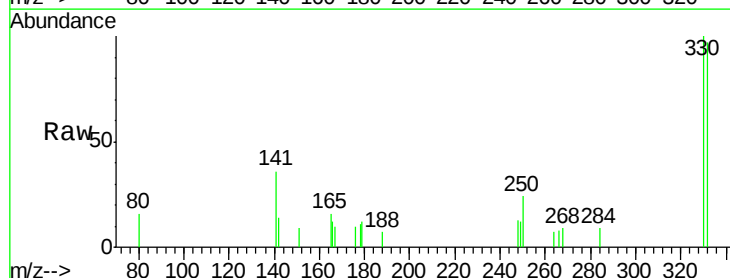
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

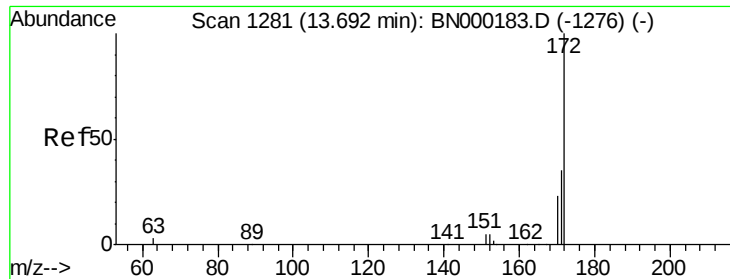
Tot Ion:164 Resp: 8542
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.1 124.7
 160 51.2 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.358 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Tgt Ion:330 Resp: 971
 Ion Ratio Lower Upper
 330 100
 332 97.8 152.7 229.1#
 141 45.7 33.7 50.5

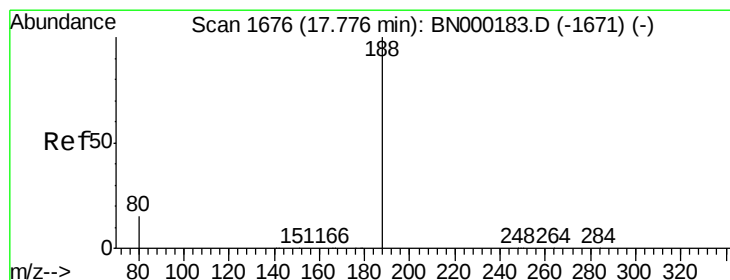
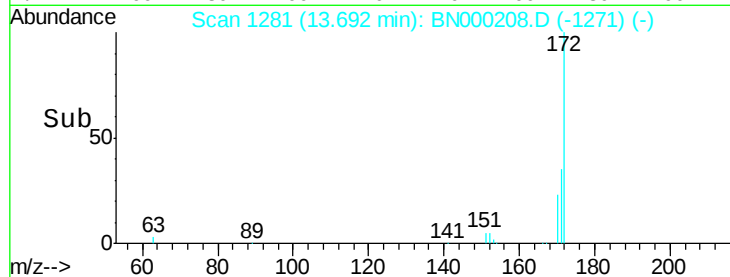
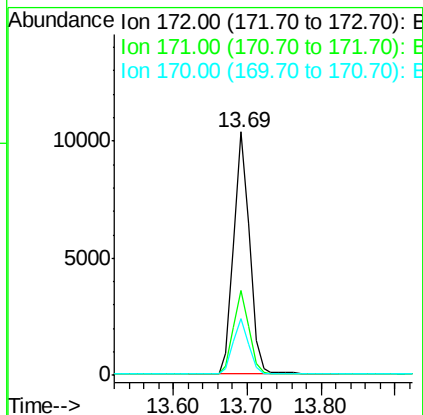
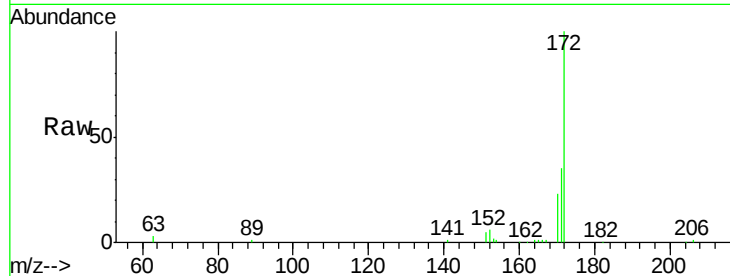




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

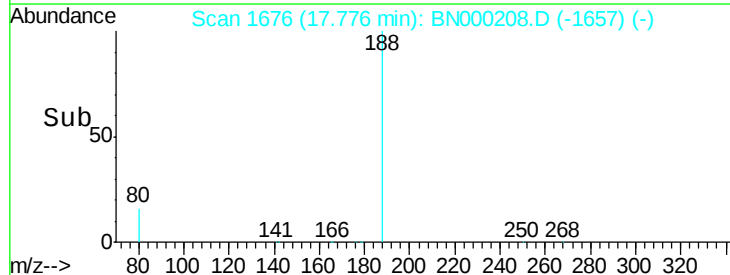
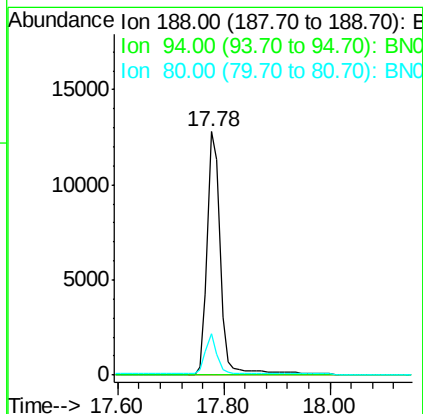
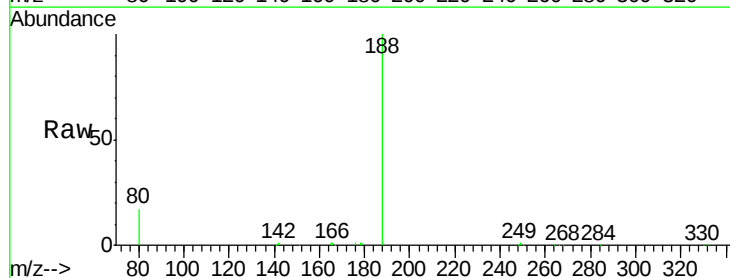
Instrument :
BNA_N
ClientSampled :
MDL-W-BL-3

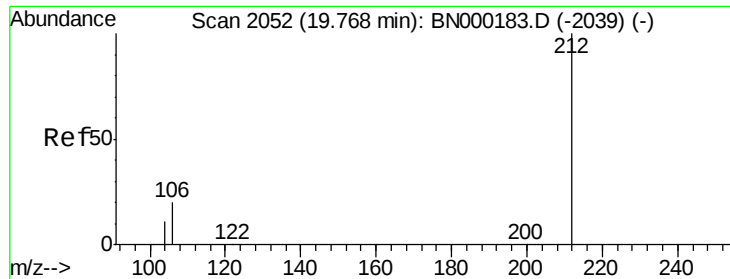
Tot Ion:172 Resp: 15364
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

Tgt Ion:188 Resp: 22281
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 16.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

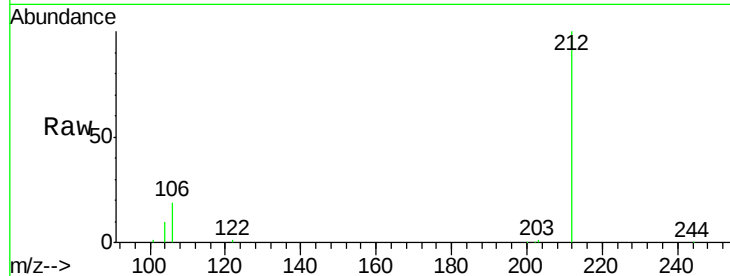
Tot Ion:212 Resp: 23147

Ion Ratio Lower Upper

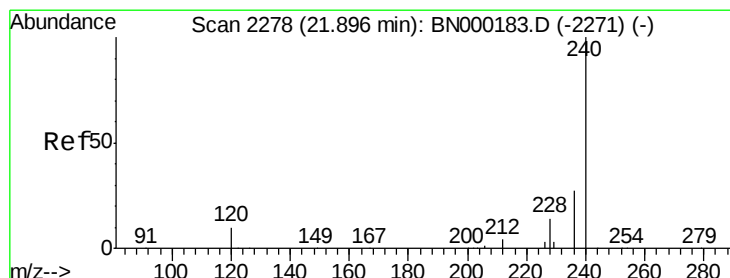
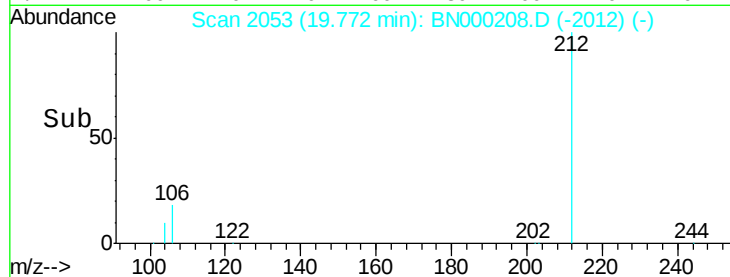
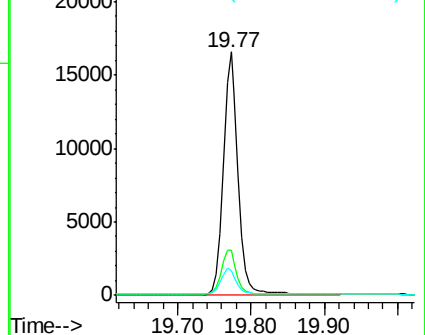
212 100

106 19.2 2.8 4.2#

104 10.6 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# 2278

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

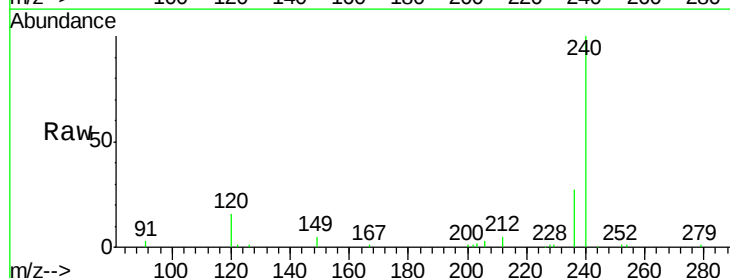
Tgt Ion:240 Resp: 18384

Ion Ratio Lower Upper

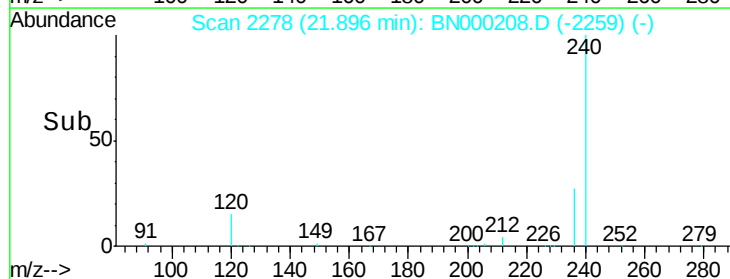
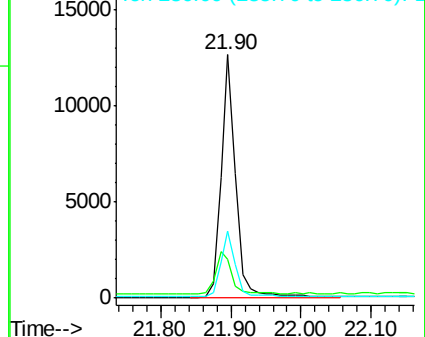
240 100

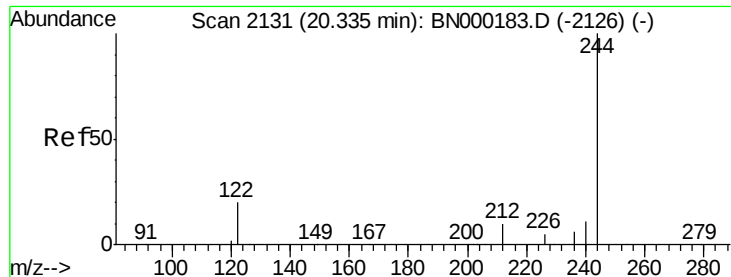
120 16.2 5.5 8.3#

236 27.4 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: 0.424 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

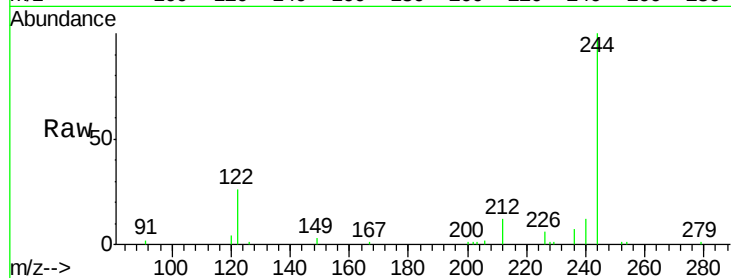
Tot Ion:244 Resp: 13679

Ion Ratio Lower Upper

244 100

212 11.9 25.4 38.0#

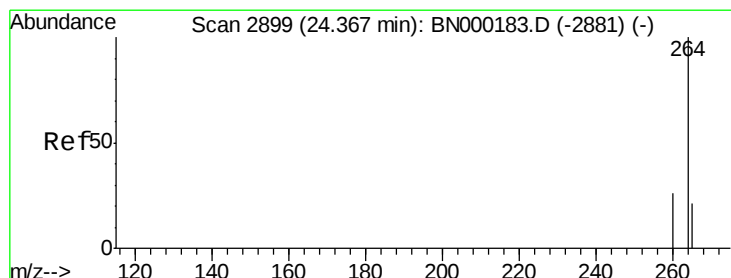
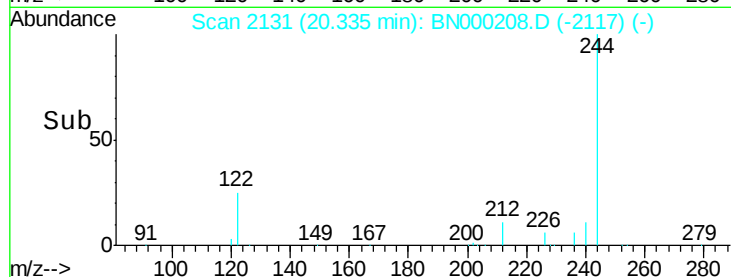
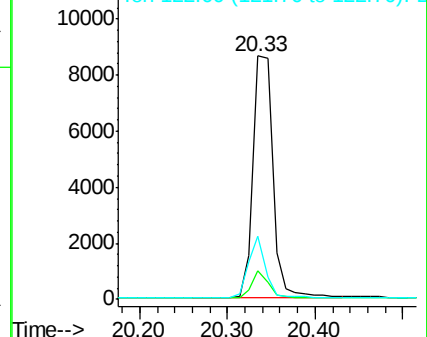
122 26.0 8.1 12.1#



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. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

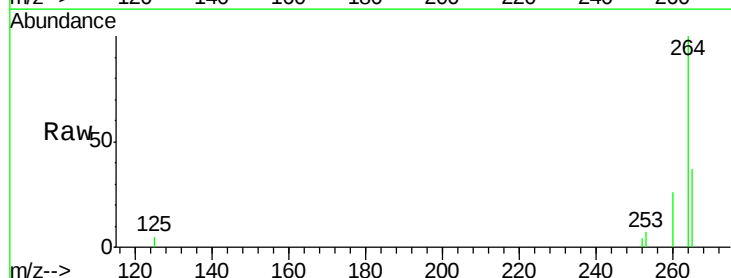
Tgt Ion:264 Resp: 14792

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 37.5 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

