

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000113.D
 Acq On : 19 Feb 2018 17:03
 Operator : JU/SJ
 Sample : J1573-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1R

Quant Time: Feb 20 06:48:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

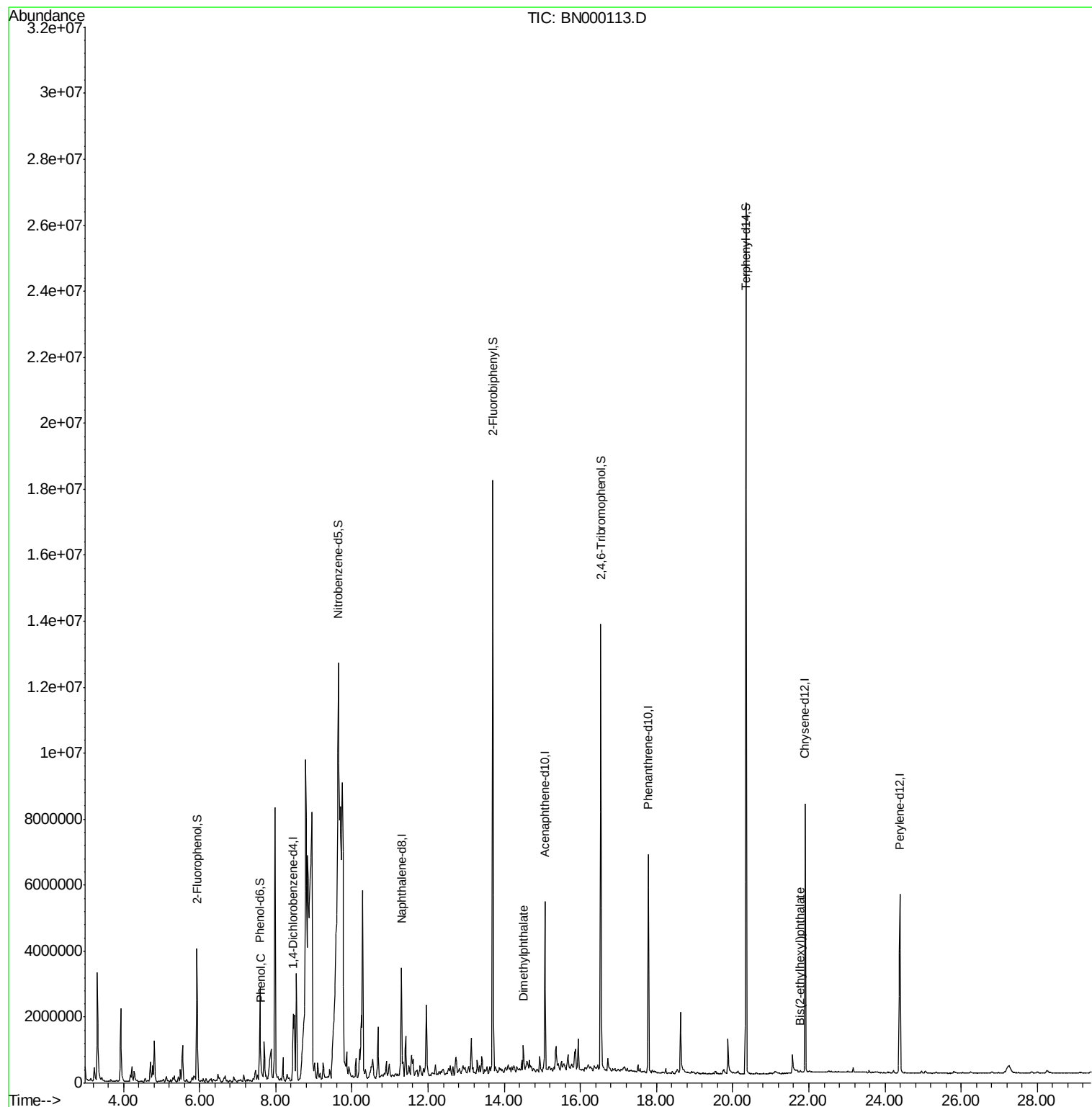
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	537599	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2696727	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1620945	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3476555	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3512644	20.00	ng	-0.02
86) Perylene-d12	24.39	264	3721669	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1989597	60.32	ng	-0.01
7) Phenol-d6	7.58	99	1820808	36.44	ng	-0.01
23) Nitrobenzene-d5	9.64	82	4138900	91.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	2166632	135.04	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	9114272	79.25	ng	-0.01
78) Terphenyl-d14	20.35	244	11090704	85.25	ng	-0.01
Target Compounds						
10) Phenol	7.60	94	301151	5.710	ng	89
49) Dimethylphthalate	14.50	163	437858	3.231	ng	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	14554	2.990	ng	95

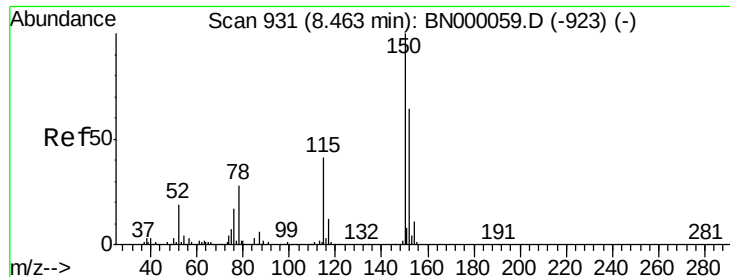
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

BNA_N

ClientSampleId :

MW-1R

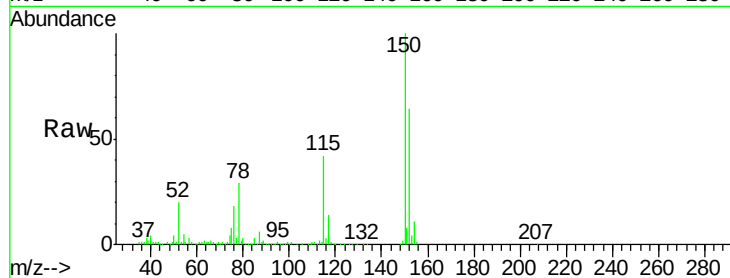
Tot Ion:152 Resp: 537599

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

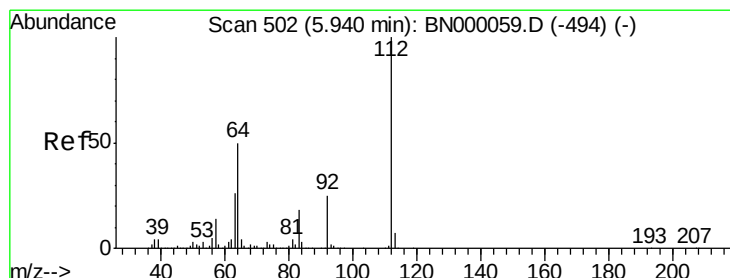
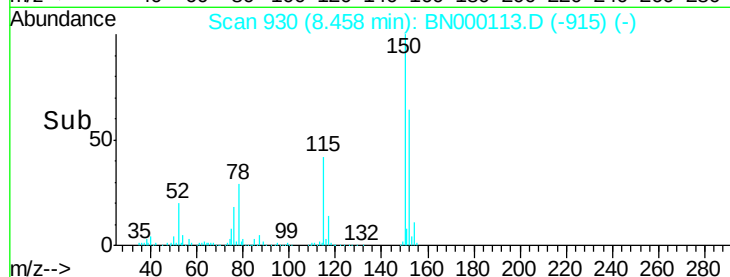
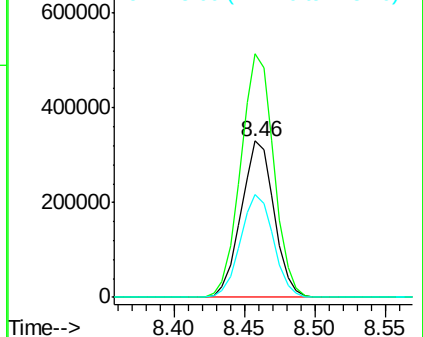
115 66.0 53.0 79.4



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: 60.316 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

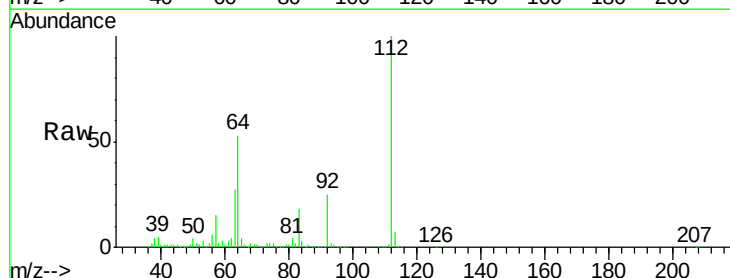
Tgt Ion:112 Resp: 1989597

Ion Ratio Lower Upper

112 100

64 52.6 56.3 84.5#

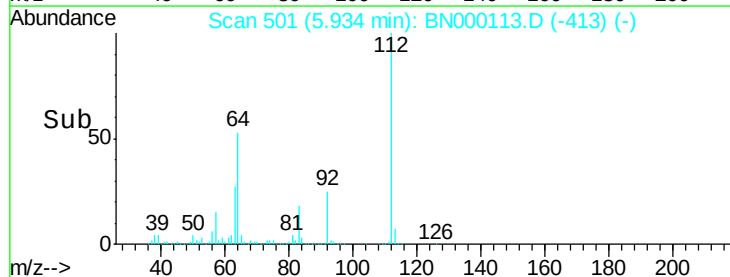
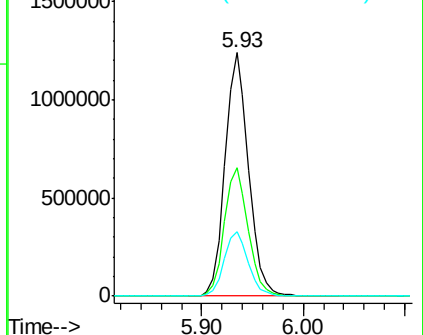
63 26.6 30.1 45.1#

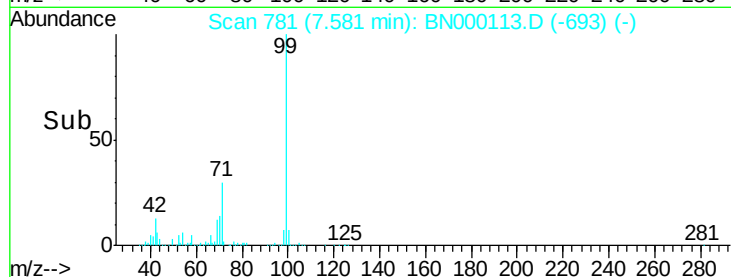
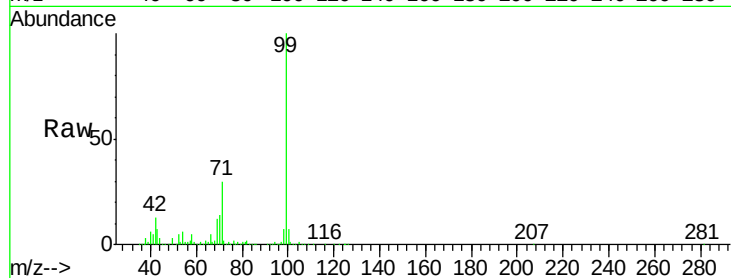
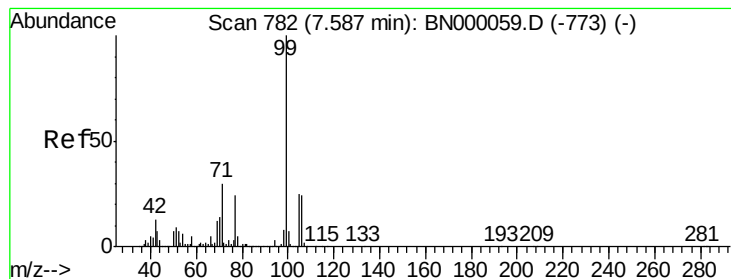


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 36.441 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

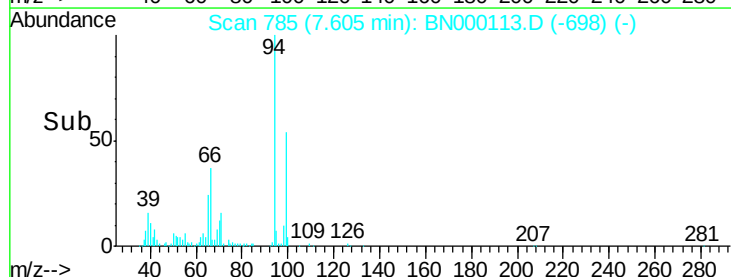
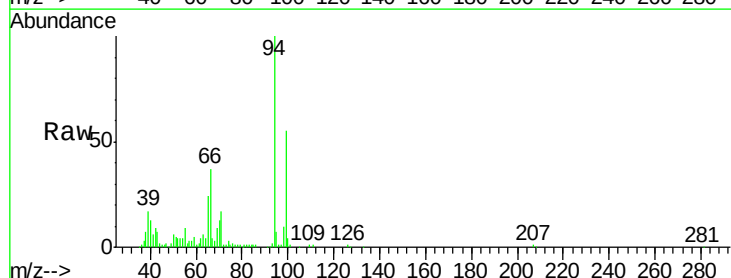
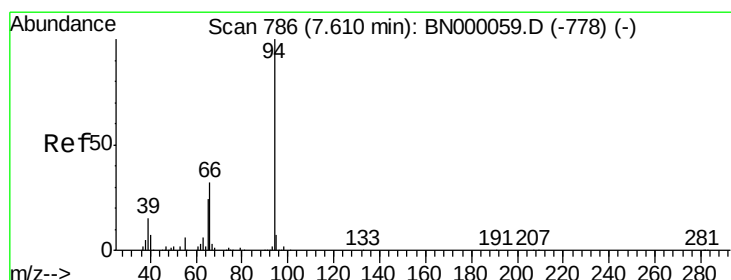
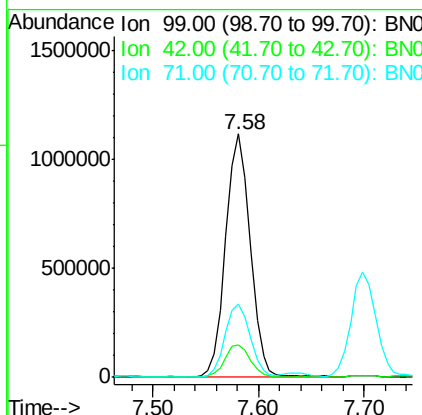
BNA_N

ClientSampled :

MW-1R

Tot Ion: 99 Resp: 1820808

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	30.2	26.1	39.1



#10

Phenol

Concen: 5.710 ng

RT: 7.60 min Scan# 785

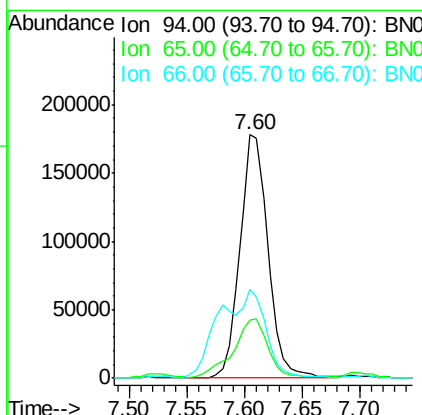
Delta R.T. -0.02 min

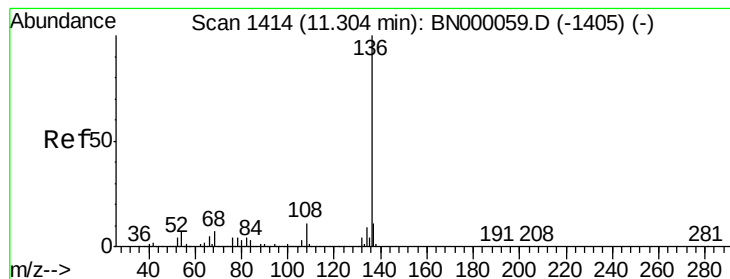
Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Tgt Ion: 94 Resp: 301151

Ion	Ratio	Lower	Upper
94	100		
65	23.7	11.9	51.9
66	36.5	22.2	62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

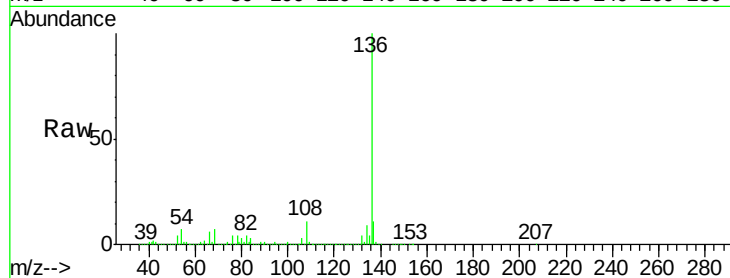
BNA_N

ClientSampled :

MW-1R

Tot Ion:136 Resp: 2696727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.3	10.3	15.5#
68	7.0	4.5	6.7#

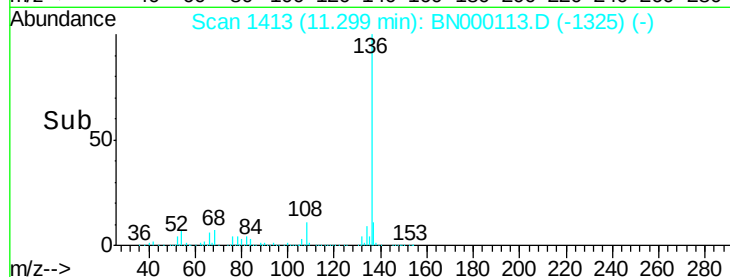


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

11.30

1500000

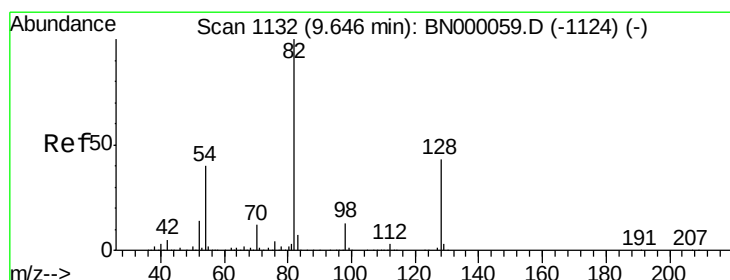
1000000

500000

0

11.20 11.30 11.40

Time-->



#23

Nitrobenzene-d5

Concen: 91.252 ng

RT: 9.64 min Scan# 1131

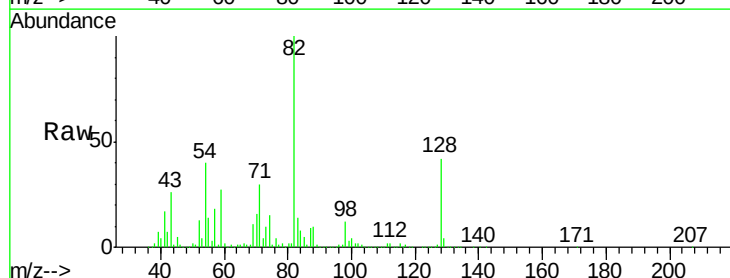
Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Tgt Ion: 82 Resp: 4138900

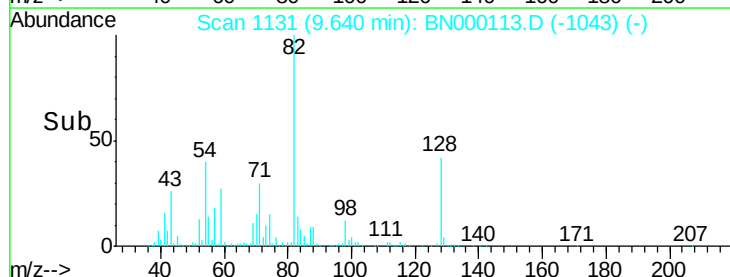
Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.7	44.5
54	39.7	43.1	64.7#



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



Time-->

9.64

3000000

2500000

2000000

1500000

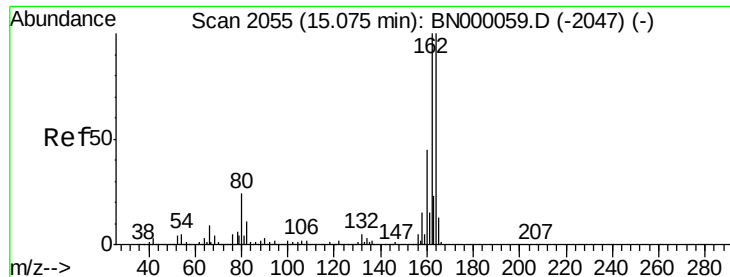
1000000

500000

0

9.50 9.60 9.70

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

BNA_N

ClientSampleId :

MW-1R

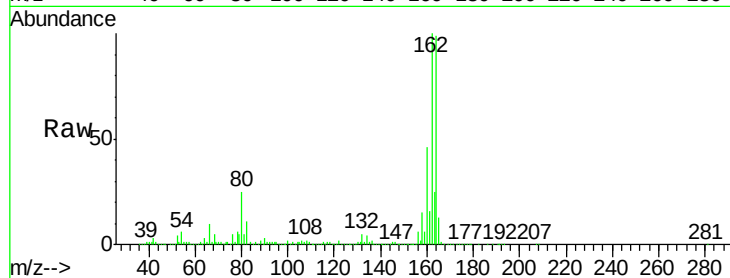
Tot Ion:164 Resp: 1620945

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

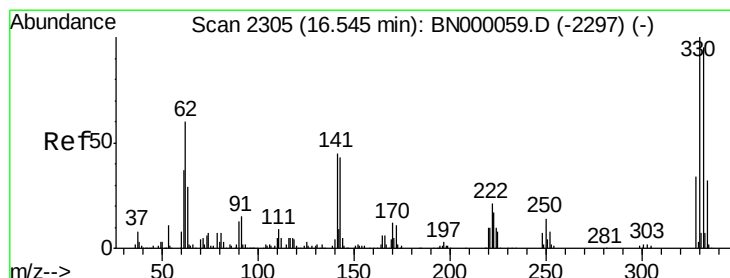
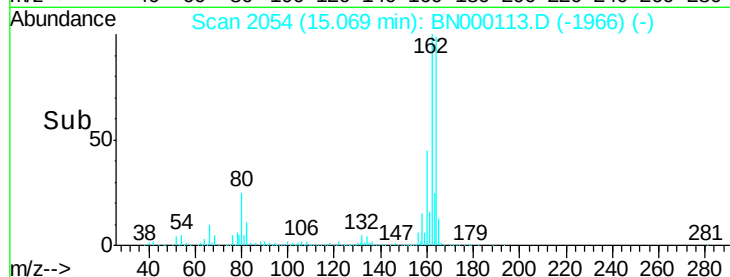
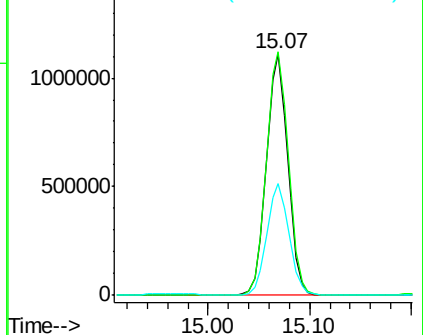
160 46.3 35.4 53.0



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: 135.036 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

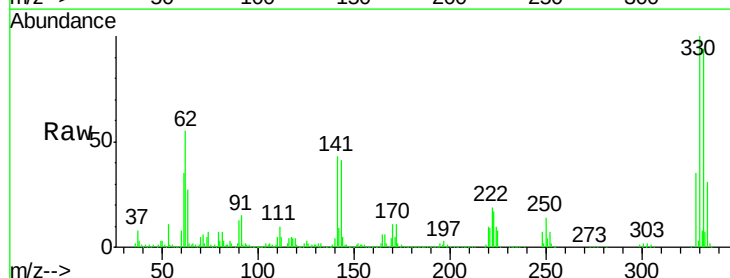
Tgt Ion:330 Resp: 2166632

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

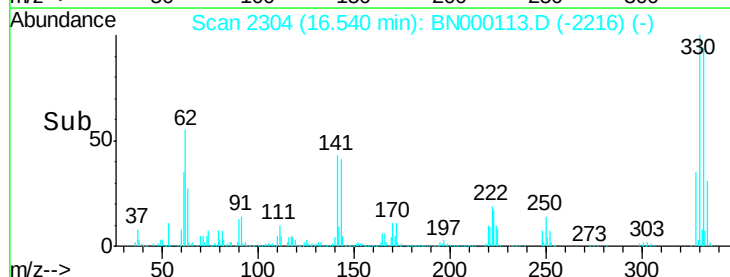
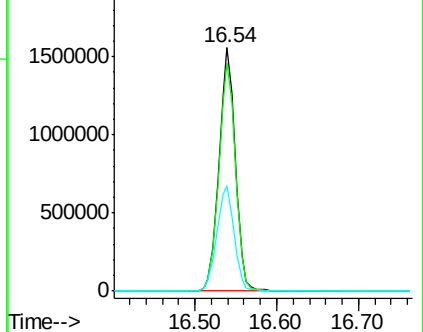
141 45.8 25.2 37.8#

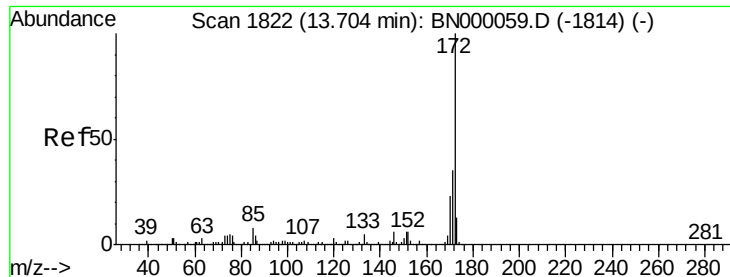


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

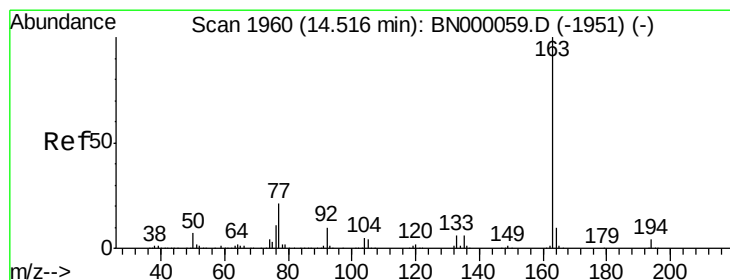
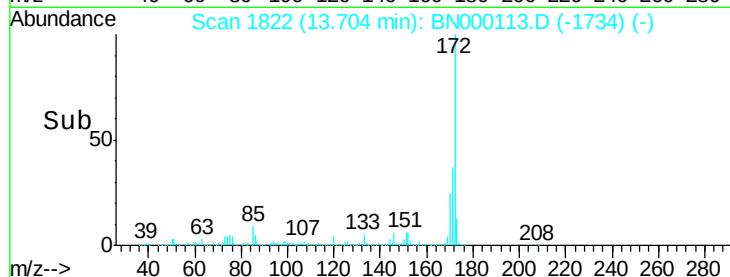
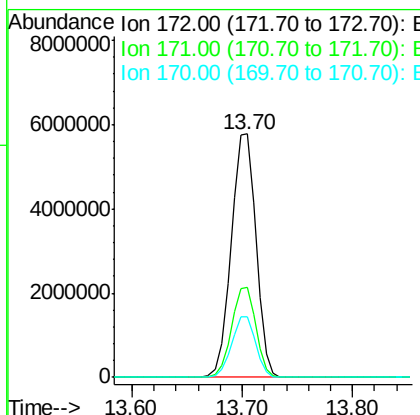
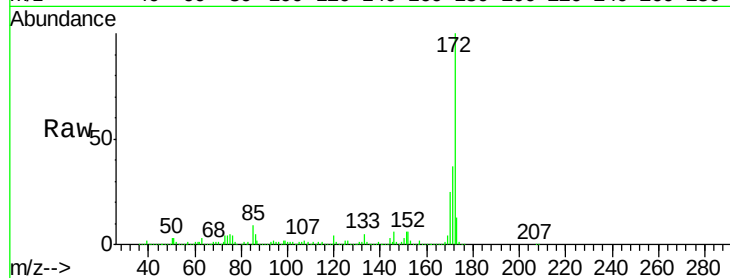




#44
2-Fluorobiphenyl
Concen: 79.249 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000113.D
Acq: 19 Feb 2018 17:03

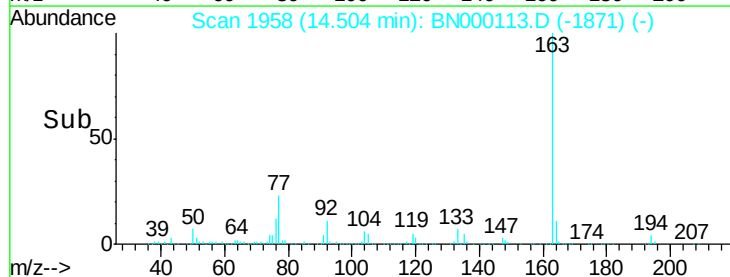
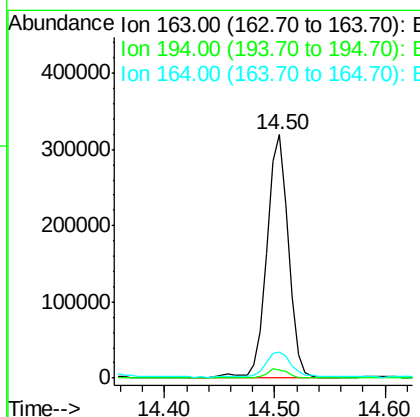
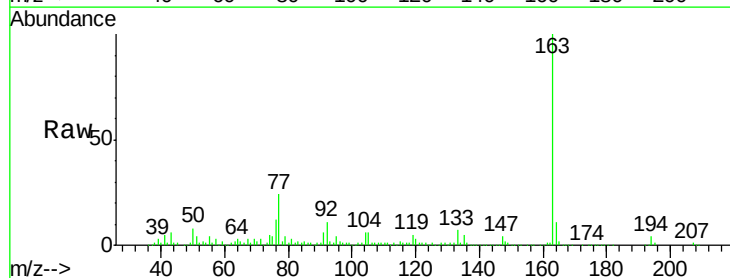
Instrument :
BNA_N
ClientSampleId :
MW-1R

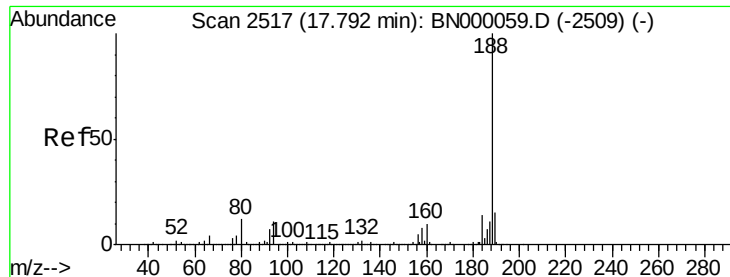
Tot Ion:172 Resp: 9114272
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.9 19.5 29.3



#49
Dimethylphthalate
Concen: 3.231 ng
RT: 14.50 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN000113.D
Acq: 19 Feb 2018 17:03

Tgt Ion:163 Resp: 437858
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 10.8 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

BNA_N

ClientSampleId :

MW-1R

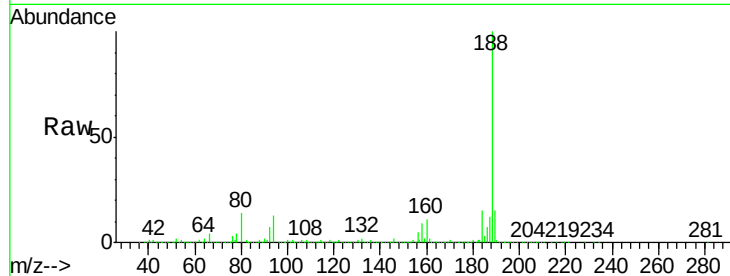
Tot Ion:188 Resp: 3476555

Ion Ratio Lower Upper

188 100

94 13.1 6.9 10.3#

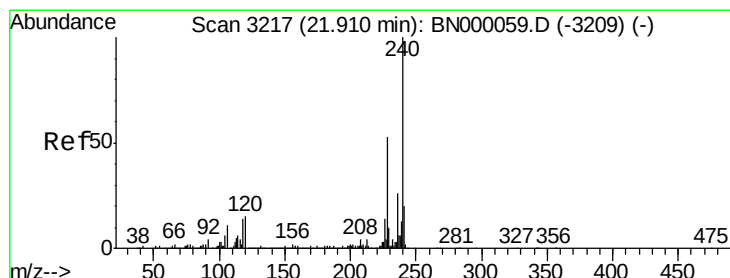
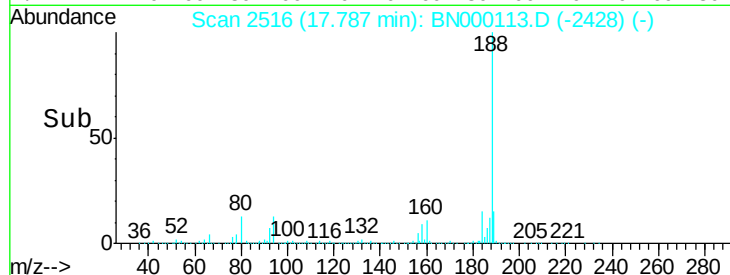
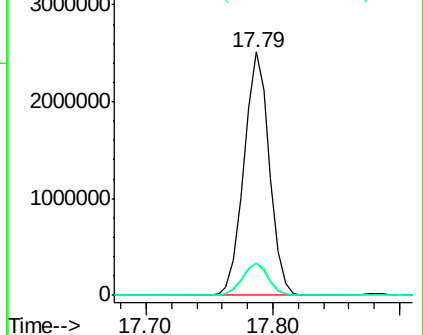
80 13.6 7.7 11.5#



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: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

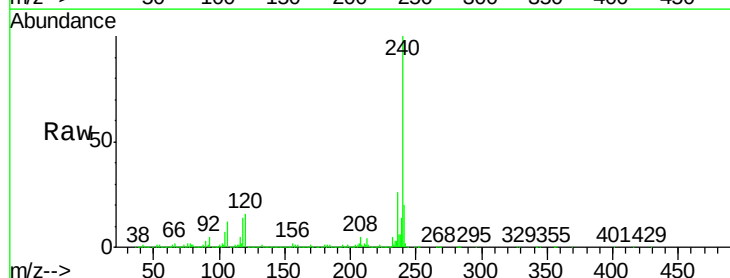
Tgt Ion:240 Resp: 3512644

Ion Ratio Lower Upper

240 100

120 15.7 6.8 10.2#

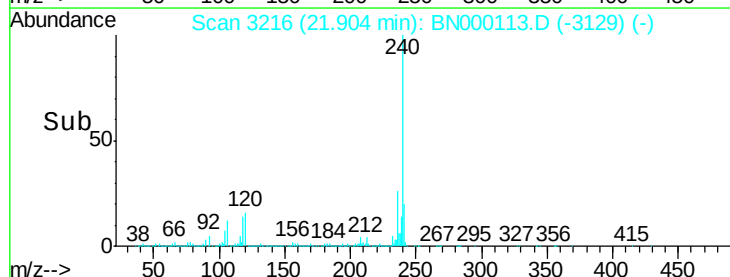
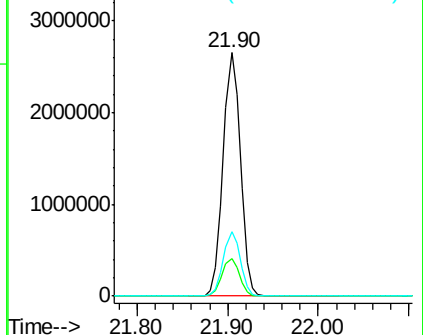
236 26.4 20.9 31.3

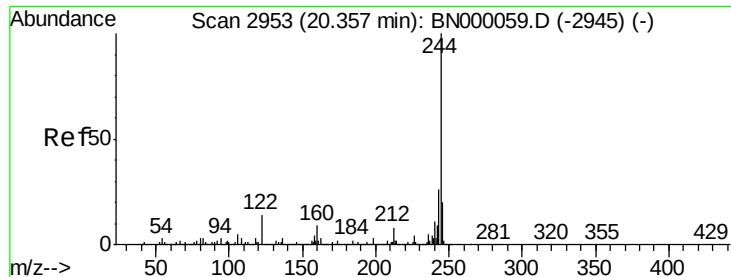


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.253 ng

RT: 20.35 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

Instrument :

BNA_N

ClientSampleId :

MW-1R

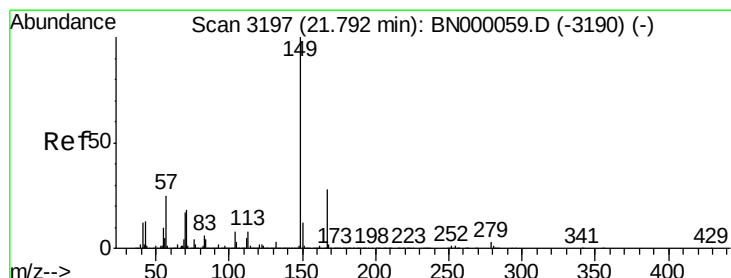
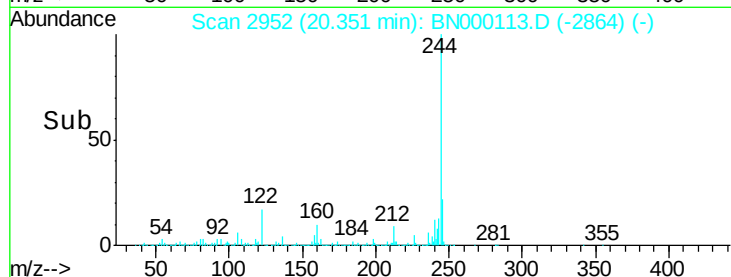
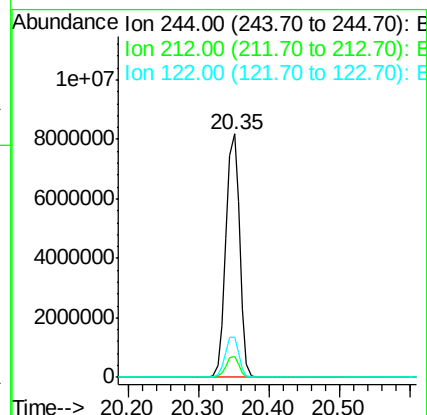
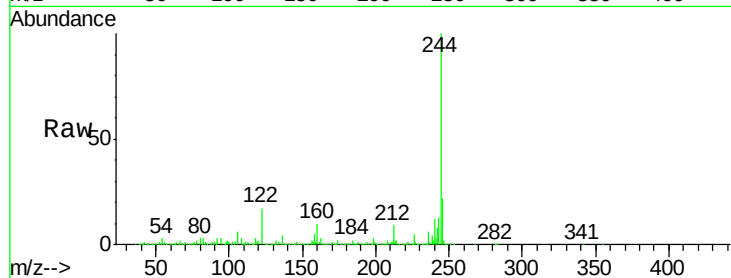
Tot Ion:244 Resp:11090704

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

122 16.7 7.0 10.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.990 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000113.D

Acq: 19 Feb 2018 17:03

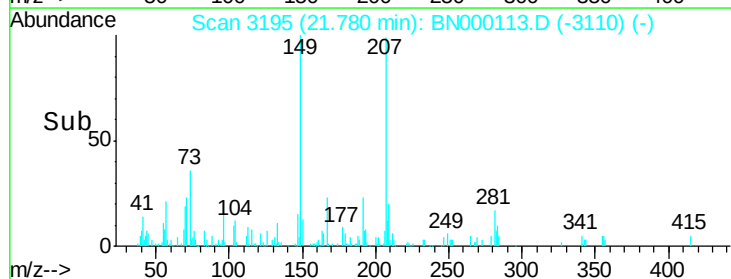
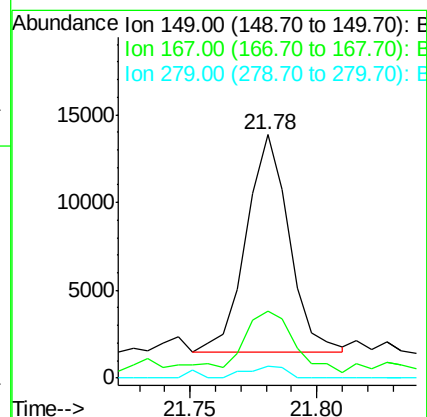
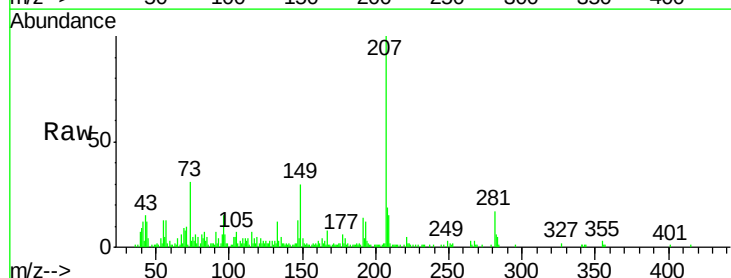
Tgt Ion:149 Resp: 14554

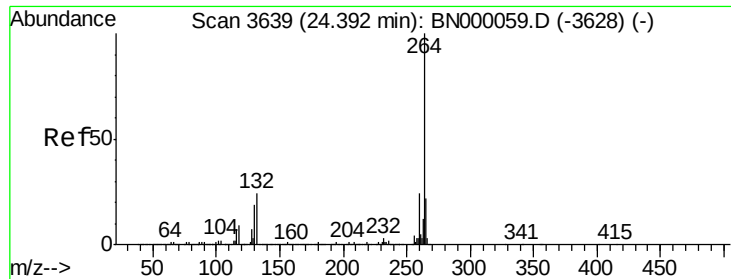
Ion Ratio Lower Upper

149 100

167 27.3 24.3 36.5

279 4.7 4.0 6.0



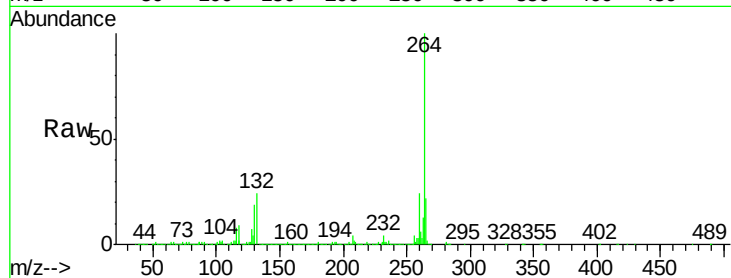


#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BN000113.D
Acq: 19 Feb 2018 17:03

Instrument :
BNA_N
ClientSampleId :
MW-1R

Tot Ion:264 Resp: 3721669

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.0	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

