

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000023.D
 Acq On : 06 Feb 2018 09:36
 Operator :
 Sample : PB106290BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106290BL

Quant Time: Feb 07 04:22:21 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	507080	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	2384155	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	1407241	20.00	ng	-0.01
63) Phenanthrene-d10	17.80	188	3258035	20.00	ng	0.00
75) Chrysene-d12	21.93	240	3388904	20.00	ng	-0.02
86) Perylene-d12	24.43	264	3546975	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	4752967	138.20	ng	0.00
7) Phenol-d6	7.60	99	6469926	123.85	ng	0.00
23) Nitrobenzene-d5	9.65	82	3360958	85.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	1675953	118.47	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	8317849	79.16	ng	-0.01
78) Terphenyl-d14	20.37	244	11403967	88.82	ng	-0.01

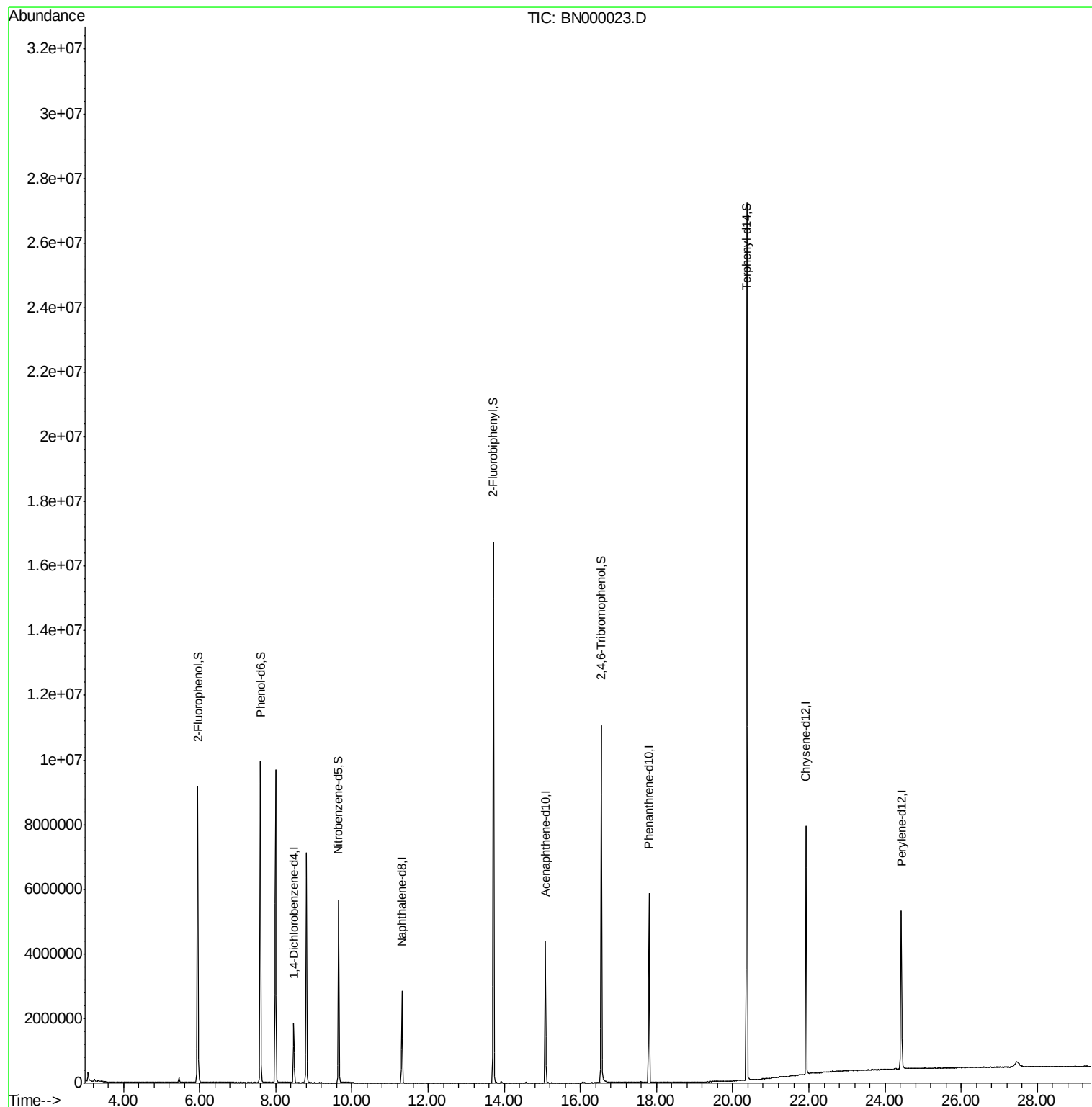
Target Compounds Qvalue

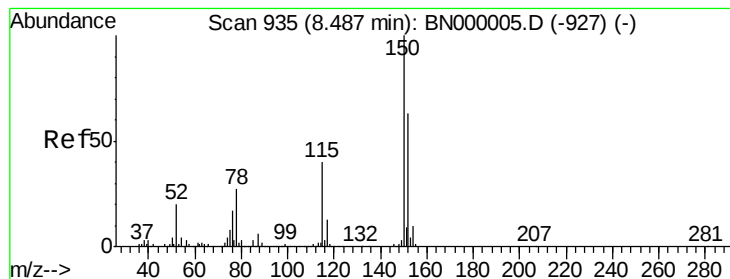
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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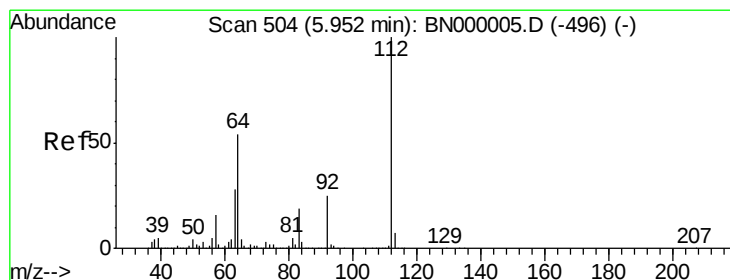
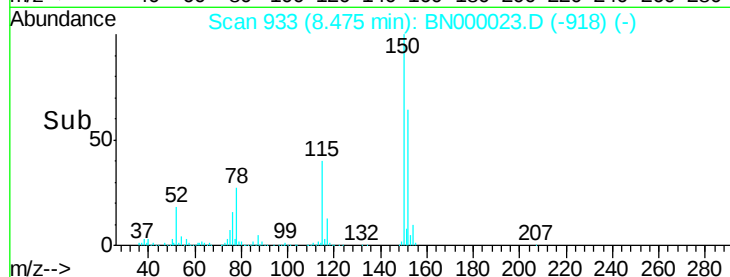
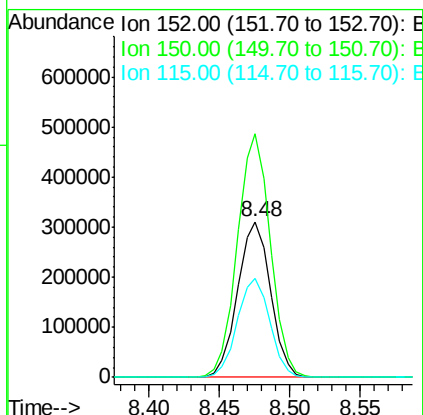
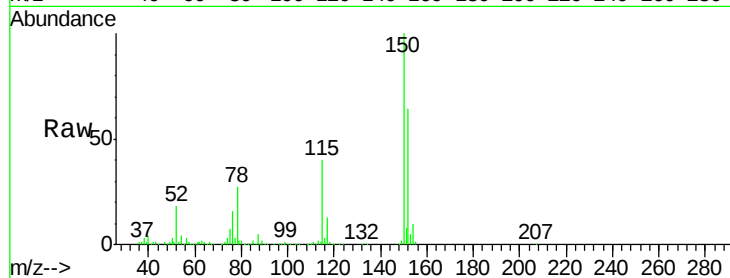


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000023.D
Acq: 06 Feb 2018 09:36

Instrument :
BNA_N
ClientSampleId :
PB106290BL

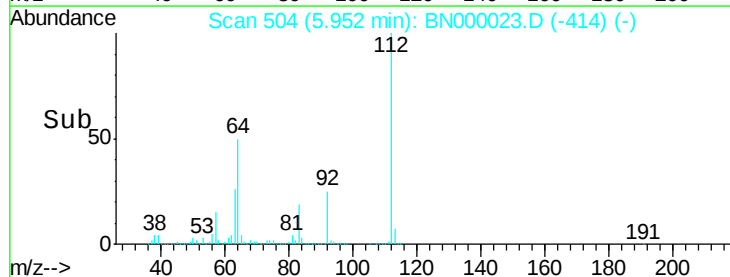
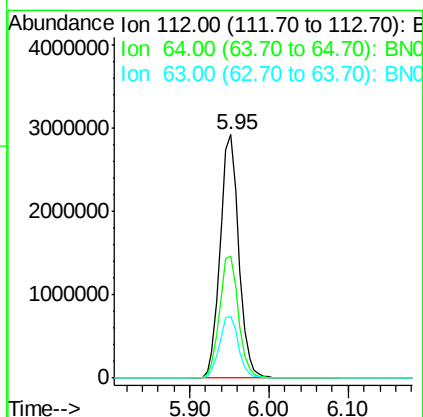
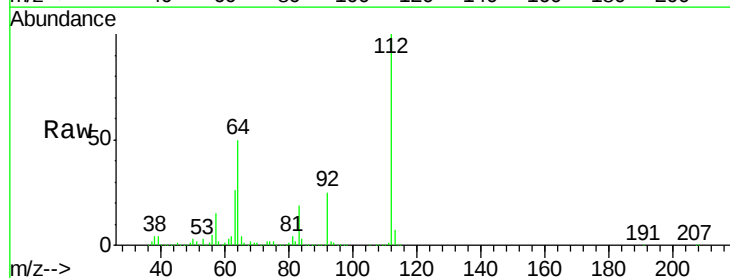
Tot Ion	152	Resp	507080
Ion Ratio	Lower	Upper	
152	100		
150	156.6	126.6	189.8
115	63.4	53.0	79.4

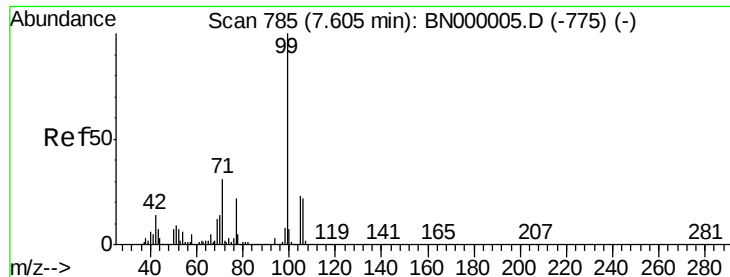


#5

2-Fluorophenol
Concen: 138.202 ng
RT: 5.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BN000023.D
Acq: 06 Feb 2018 09:36

Tgt Ion	112	Resp	4752967
Ion Ratio	Lower	Upper	
112	100		
64	50.3	56.3	84.5#
63	25.6	30.1	45.1#





#7

Phenol-d6

Concen: 123.852 ng

RT: 7.60 min Scan# 784

Delta R.T. -0.00 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

Instrument :

BNA_N

ClientSampleId :

PB106290BL

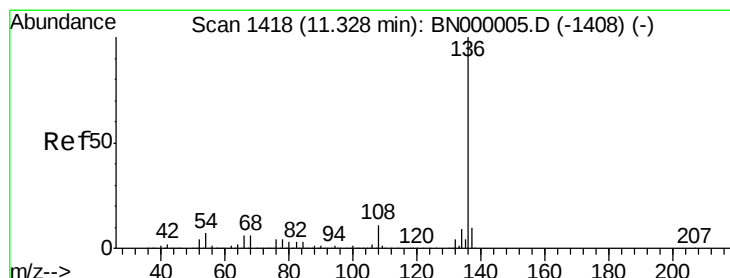
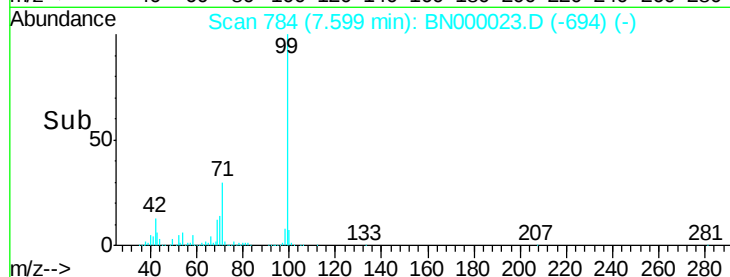
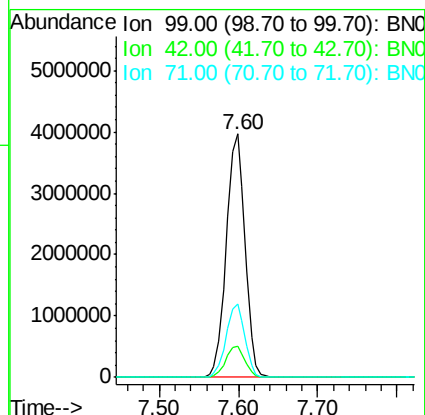
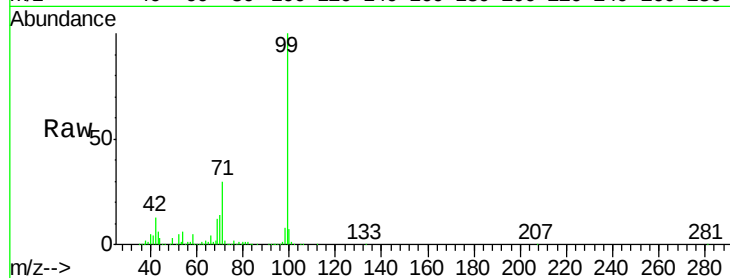
Tot Ion: 99 Resp: 6469926

Ion Ratio Lower Upper

99 100

42 12.7 14.1 21.1#

71 29.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

Tgt Ion:136 Resp: 2384155

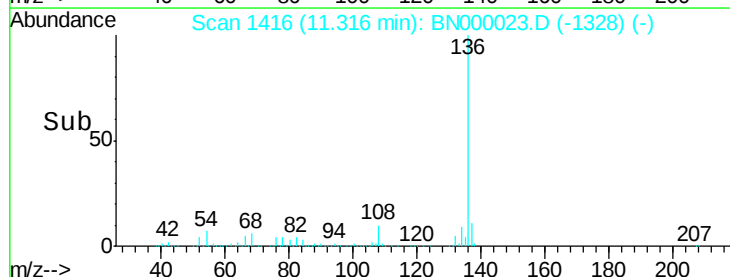
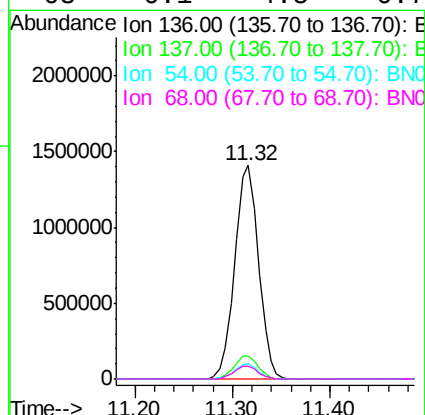
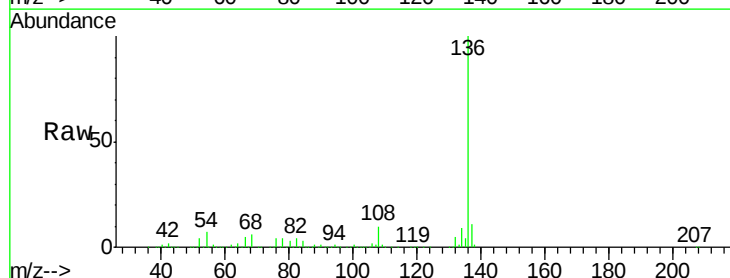
Ion Ratio Lower Upper

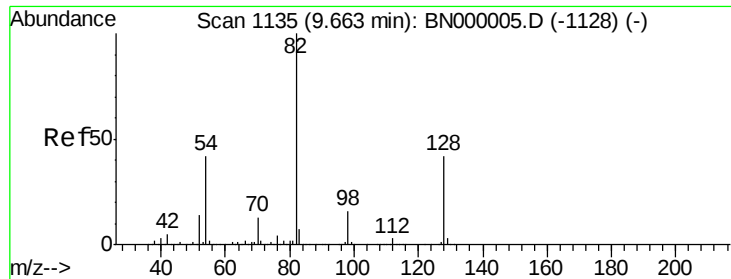
136 100

137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 6.1 4.5 6.7



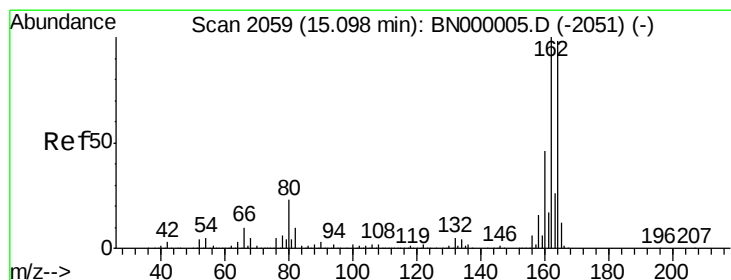
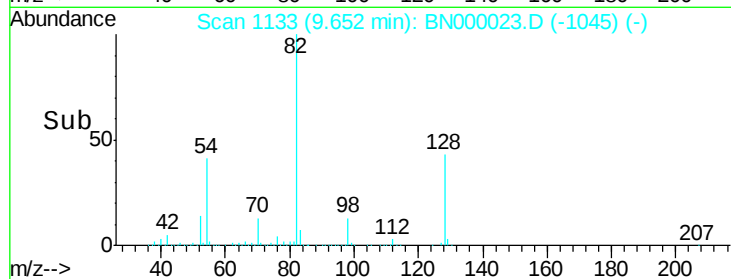
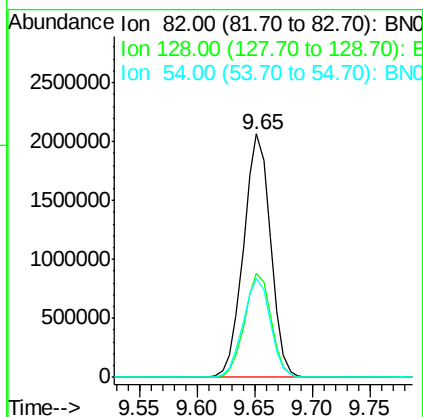
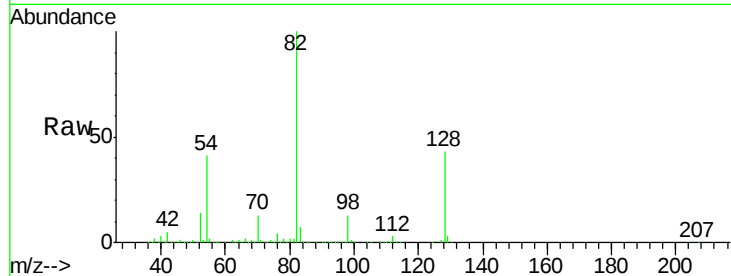


#23
 Nitrobenzene-d5
 Concen: 85.244 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000023.D
 Acq: 06 Feb 2018 09:36

Instrument :
 BNA_N
 ClientSampleId :
 PB106290BL

Tot Ion: 82 Resp: 3360958

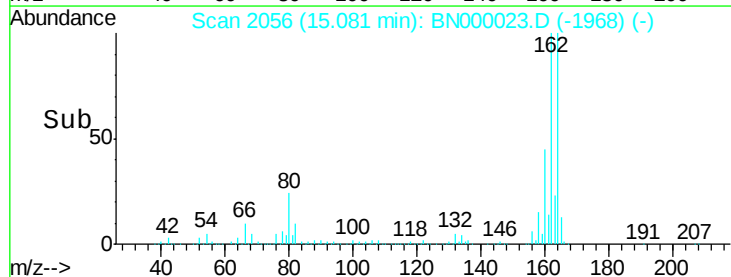
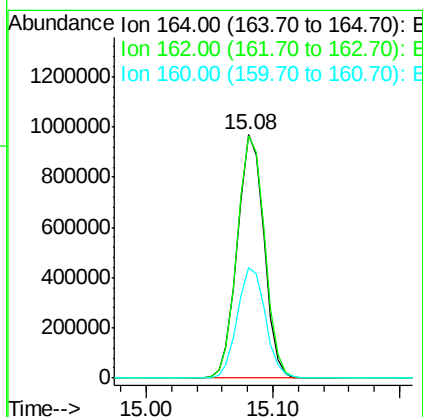
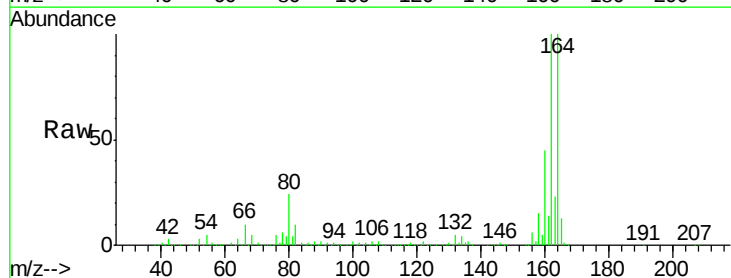
Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	40.9	43.1	64.7#

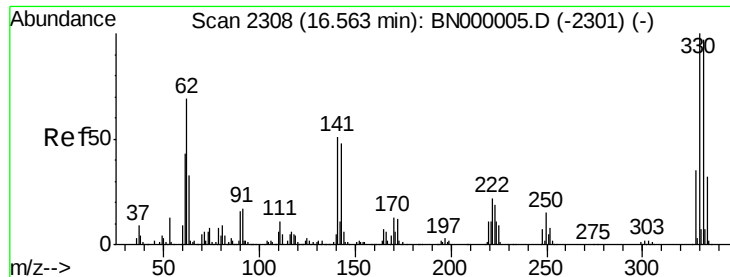


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BN000023.D
 Acq: 06 Feb 2018 09:36

Tgt Ion: 164 Resp: 1407241

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	45.5	35.4	53.0

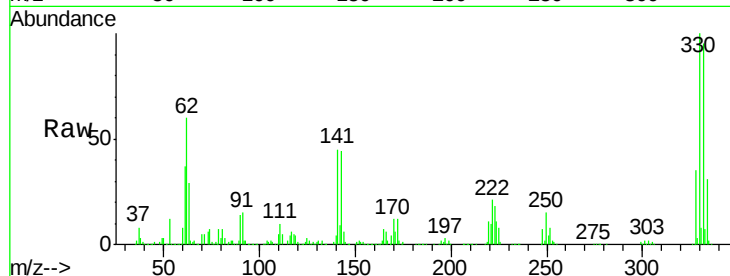




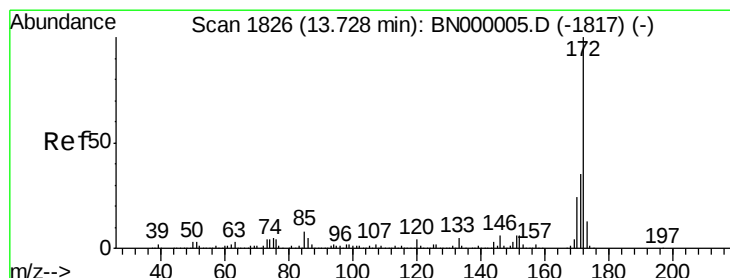
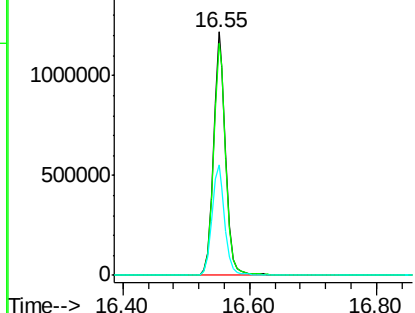
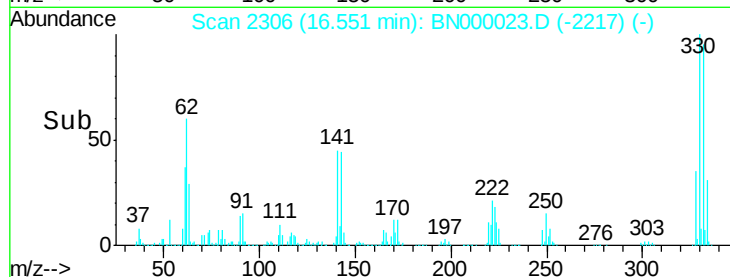
#41
 2,4,6-Tribromophenol
 Concen: 118.472 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BN000023.D
 Acq: 06 Feb 2018 09:36

Instrument :
 BNA_N
 ClientSampleId :
 PB106290BL

Tot Ion:330 Resp: 1675953
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 47.8 25.2 37.8#

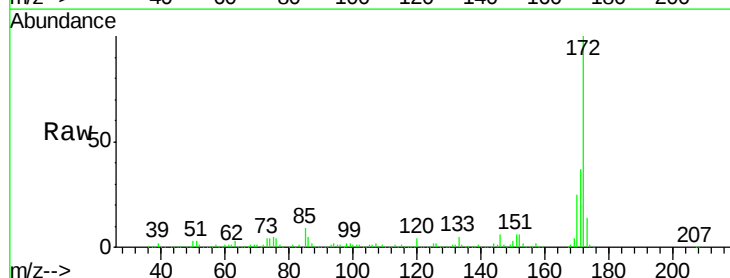


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

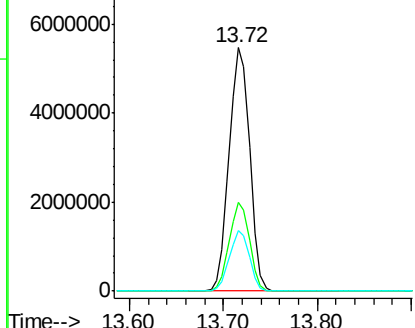
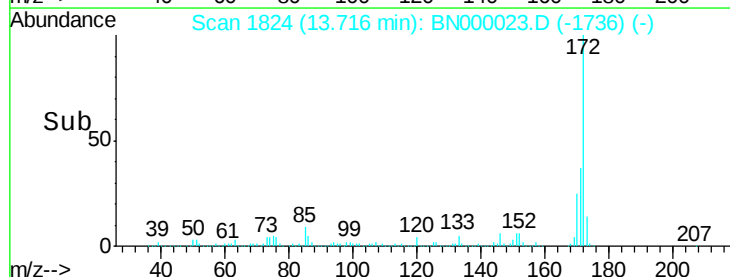


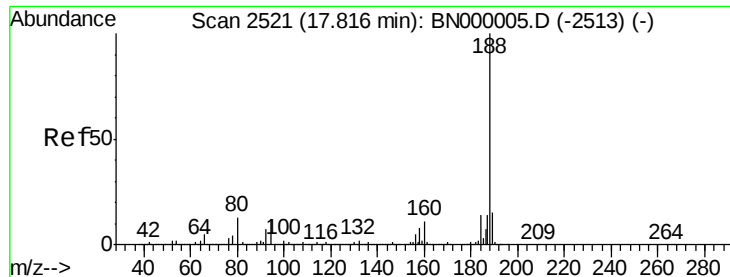
#44
 2-Fluorobiphenyl
 Concen: 79.161 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000023.D
 Acq: 06 Feb 2018 09:36

Tgt Ion:172 Resp: 8317849
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 24.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

Instrument :

BNA_N

ClientSampleId :

PB106290BL

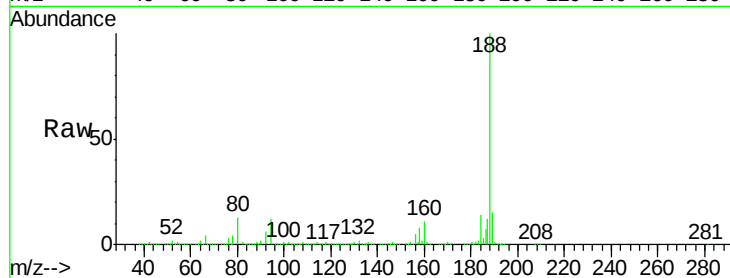
Tot Ion:188 Resp: 3258035

Ion Ratio Lower Upper

188 100

94 11.6 6.9 10.3#

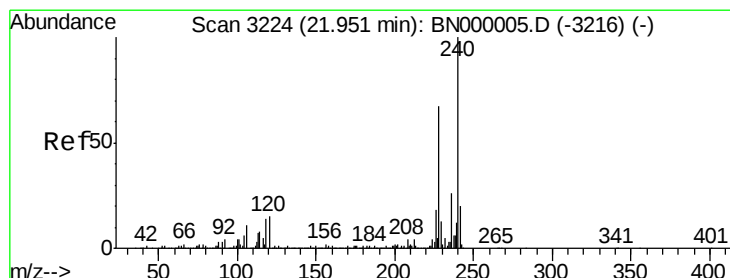
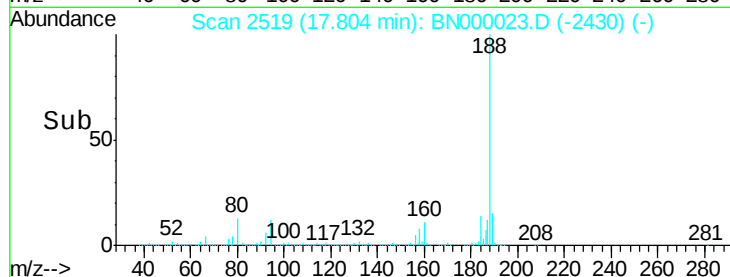
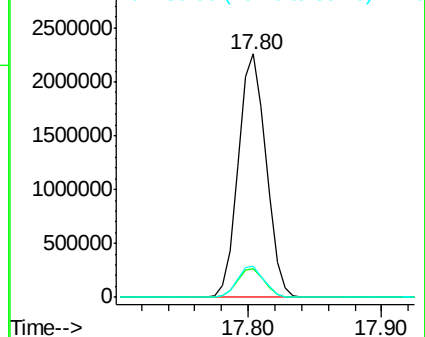
80 12.7 7.7 11.5#



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: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

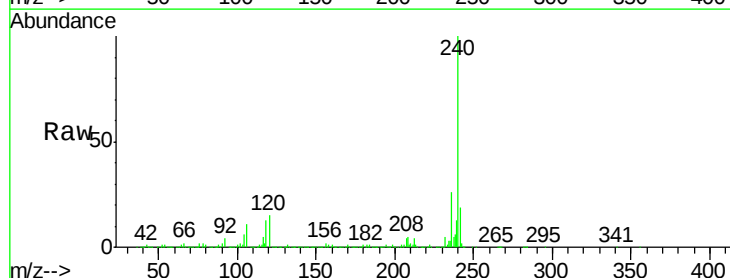
Tgt Ion:240 Resp: 3388904

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

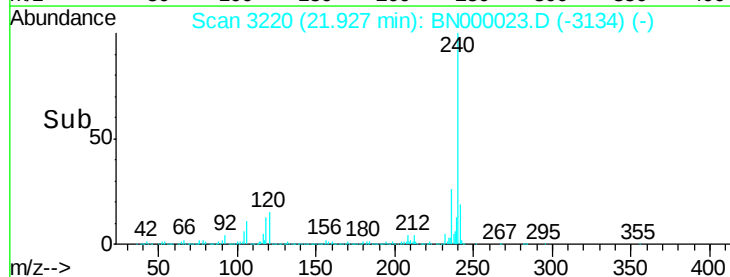
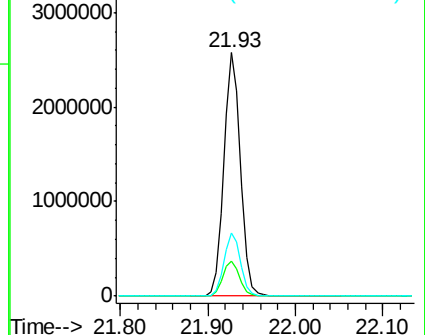
236 25.8 20.9 31.3

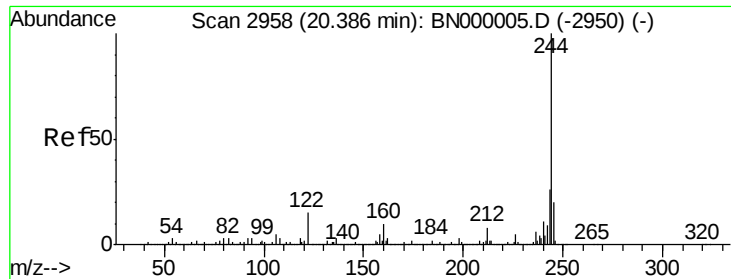


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.820 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

Instrument :

BNA_N

ClientSampled :

PB106290BL

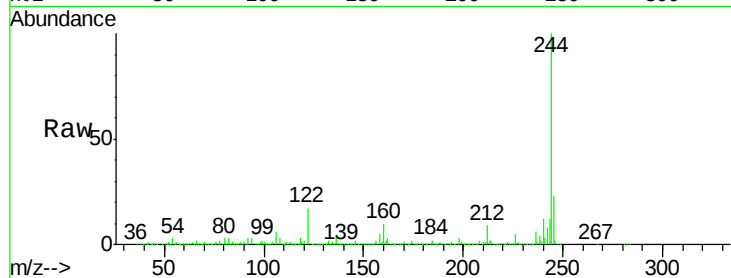
Tot Ion:244 Resp:11403967

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

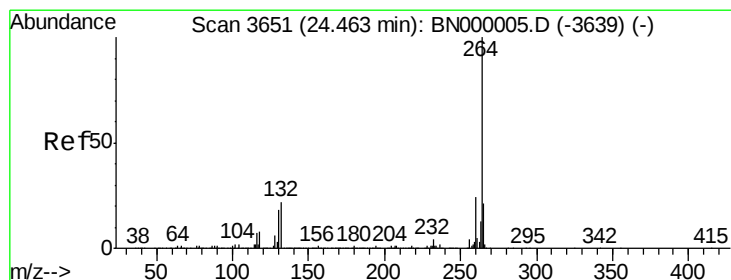
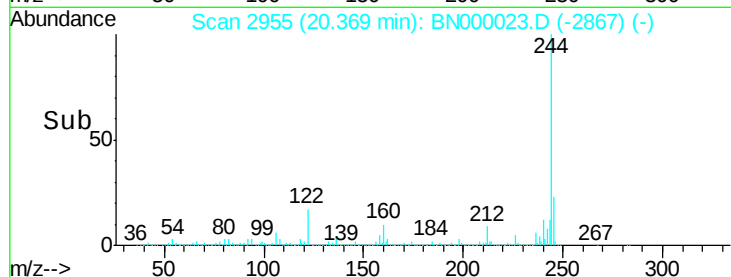
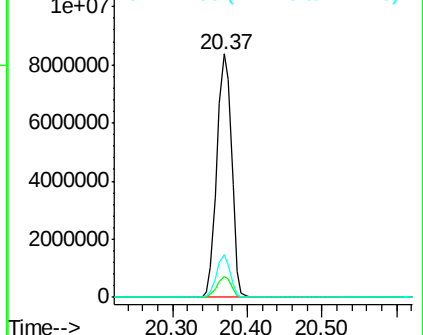
122 17.3 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.43 min Scan# 3645

Delta R.T. -0.03 min

Lab File: BN000023.D

Acq: 06 Feb 2018 09:36

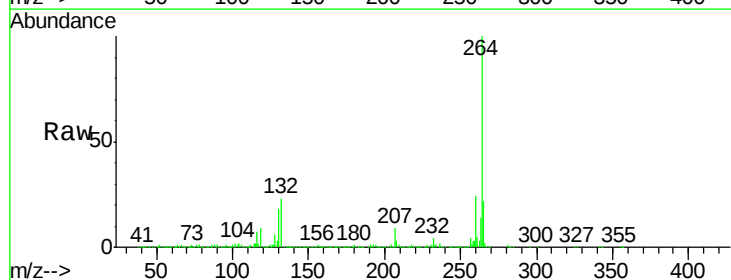
Tgt Ion:264 Resp: 3546975

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.1 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

