

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000042.D
 Acq On : 07 Feb 2018 19:15
 Operator : JU/SJ
 Sample : PB106326BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106326BL

Quant Time: Feb 08 04:53:49 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	335268	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1605851	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	983427	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2419567	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2674145	20.00	ng	0.00
86) Perylene-d12	24.43	264	2862972	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	3336986	162.21	ng	0.00
7) Phenol-d6	7.59	99	4712355	151.23	ng	0.00
23) Nitrobenzene-d5	9.65	82	2388347	88.43	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1315951	135.19	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	6283359	90.05	ng	0.00
78) Terphenyl-d14	20.37	244	9916636	100.13	ng	0.00

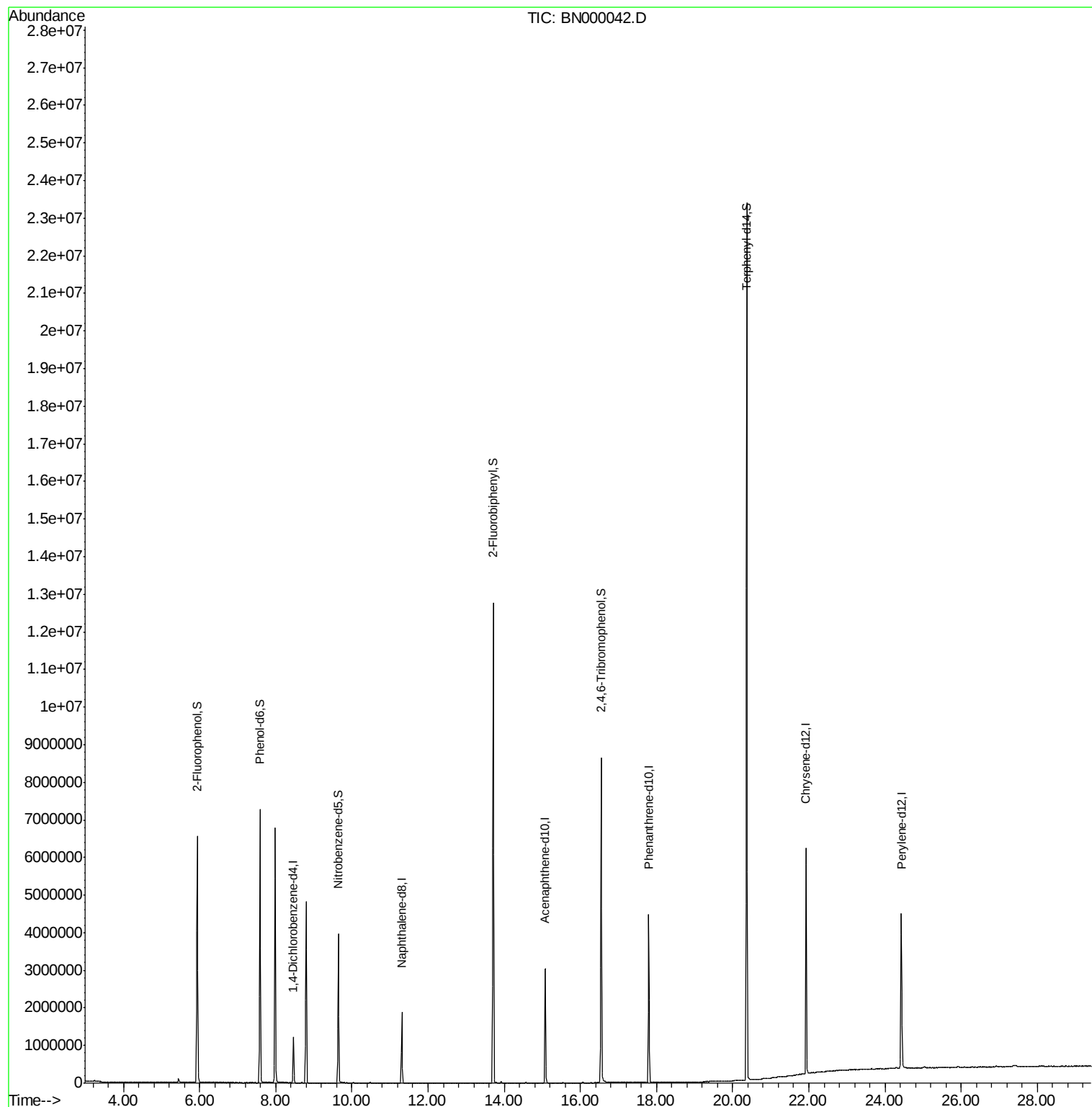
Target Compounds Qvalue

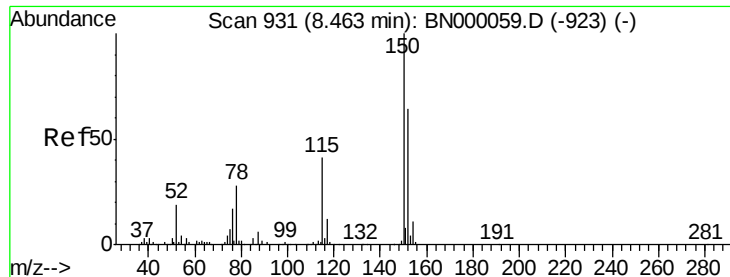
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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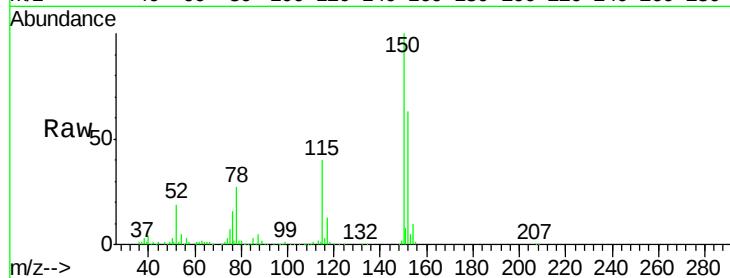


#1

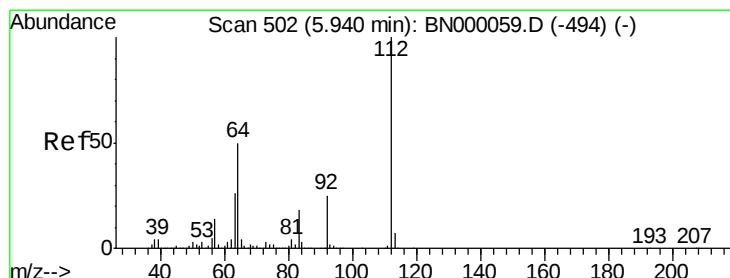
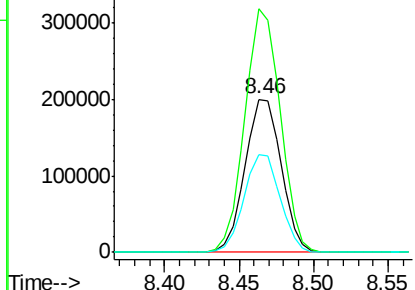
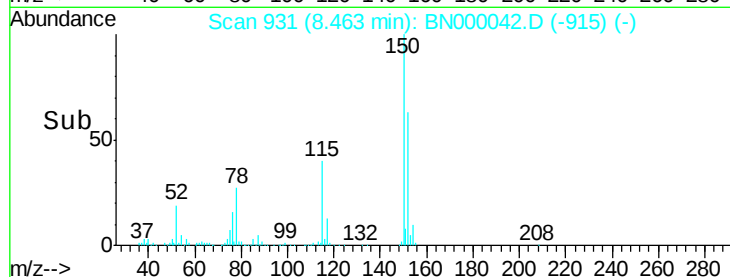
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Instrument :
BNA_N
ClientSampleId :
PB106326BL

Tot Ion:152 Resp: 335268
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 64.2 53.0 79.4



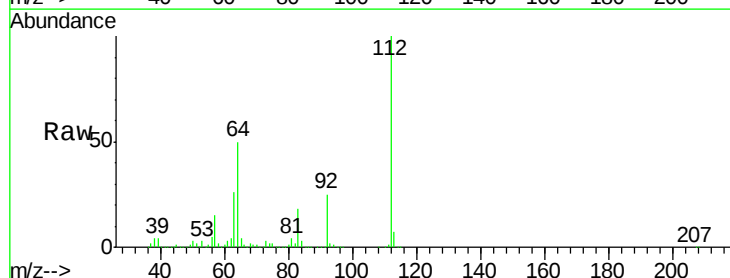
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



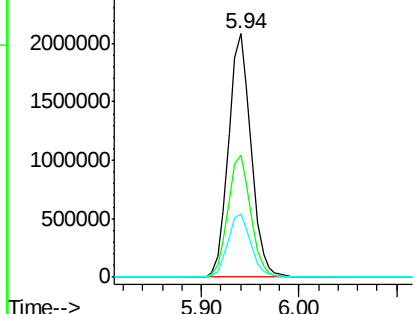
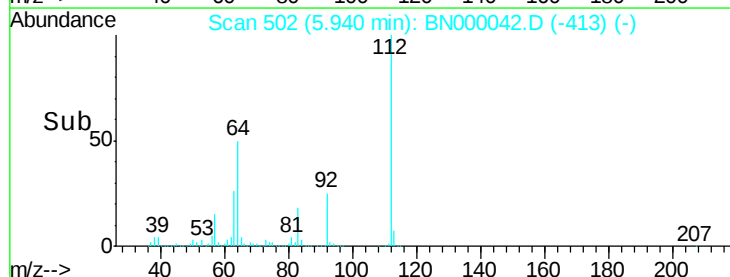
#5

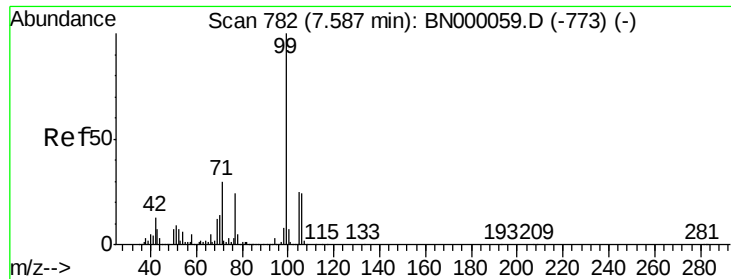
2-Fluorophenol
Concen: 162.214 ng
RT: 5.94 min Scan# 502
Delta R.T. -0.01 min
Lab File: BN000042.D
Acq: 07 Feb 2018 19:15

Tgt Ion:112 Resp: 3336986
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 26.0 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: 151.227 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

Instrument :

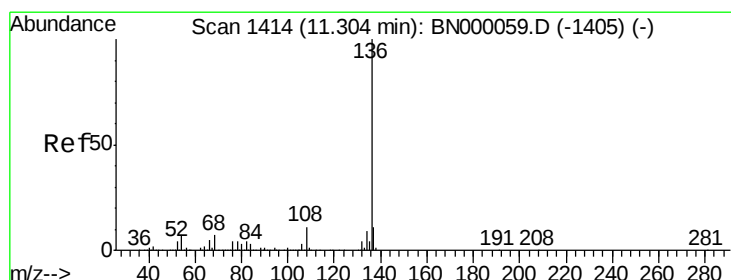
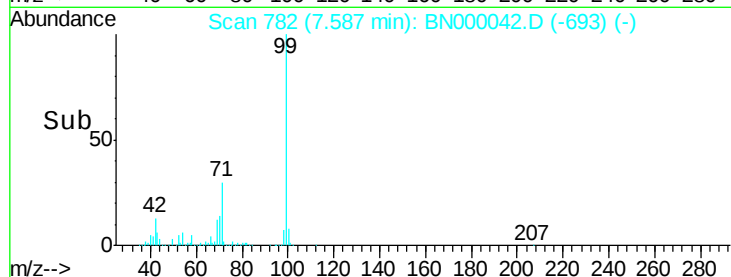
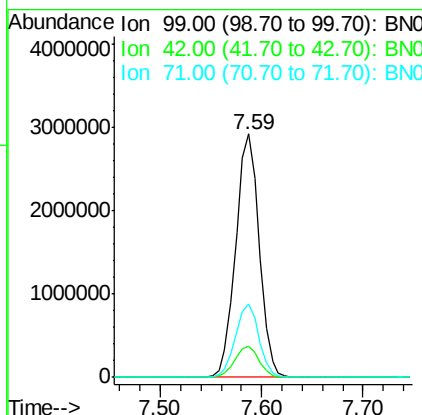
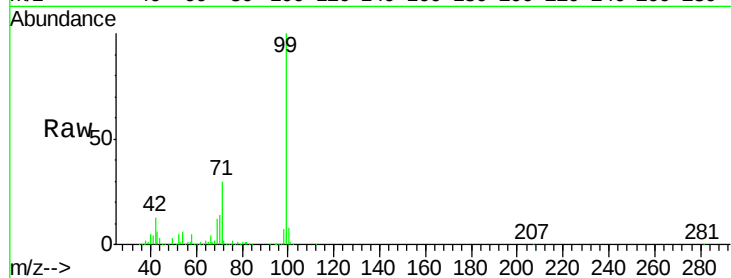
BNA_N

ClientSampleId :

PB106326BL

Tot Ion: 99 Resp: 4712355

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.1	21.1#
71	30.0	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

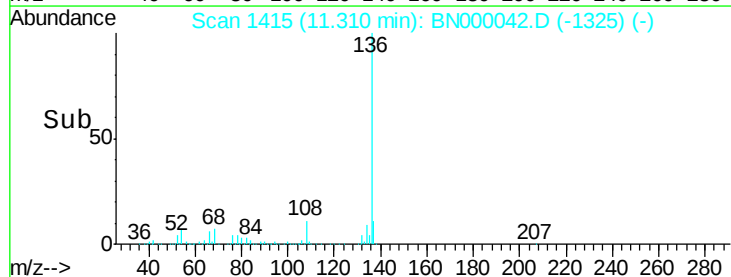
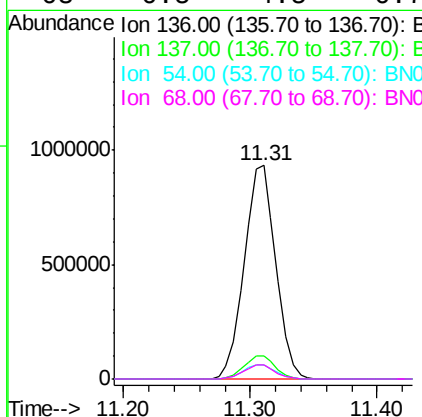
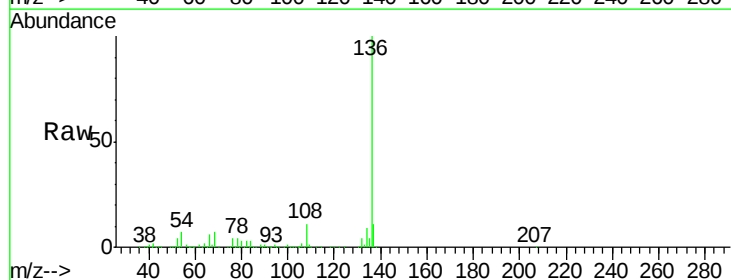
Delta R.T. 0.00 min

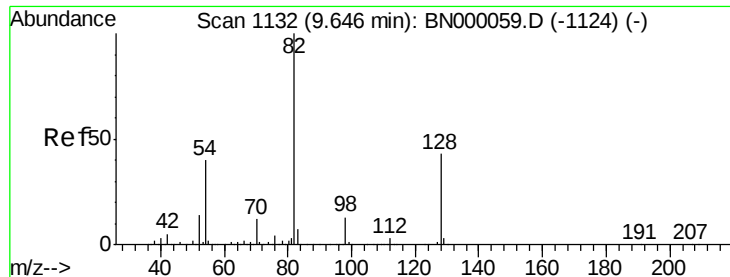
Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

Tgt Ion: 136 Resp: 1605851

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.9	10.3	15.5#
68	6.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 88.427 ng

RT: 9.65 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

Instrument :

BNA_N

ClientSampleId :

PB106326BL

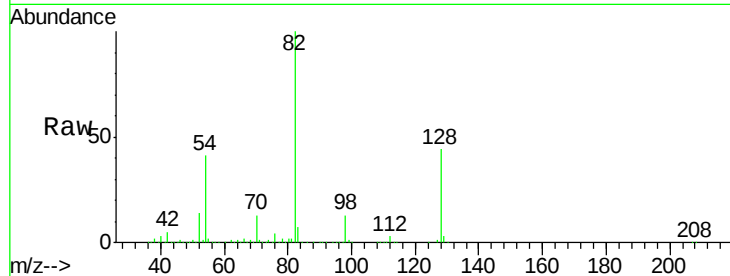
Tot Ion: 82 Resp: 2388347

Ion Ratio Lower Upper

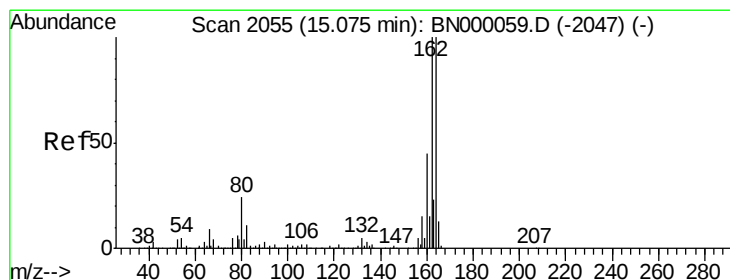
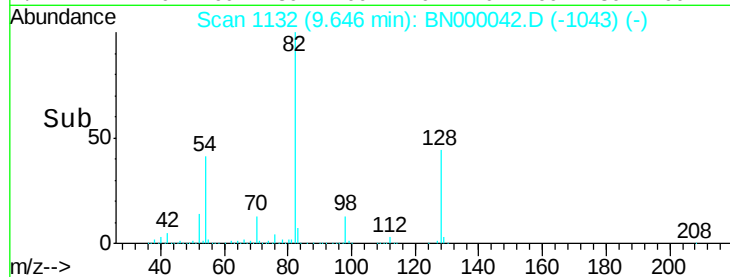
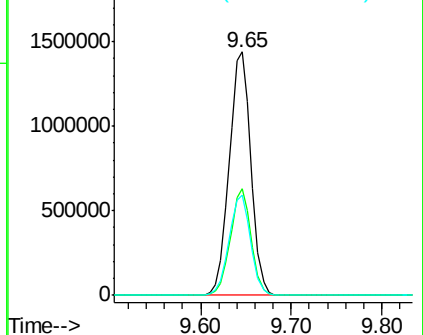
82 100

128 43.6 29.7 44.5

54 41.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

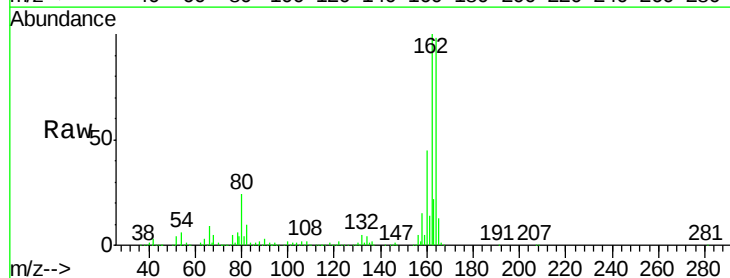
Tgt Ion:164 Resp: 983427

Ion Ratio Lower Upper

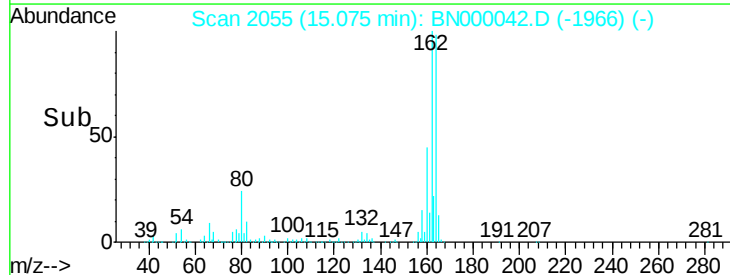
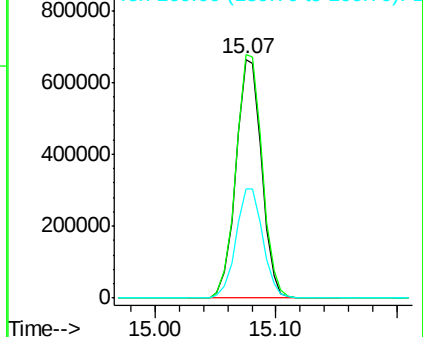
164 100

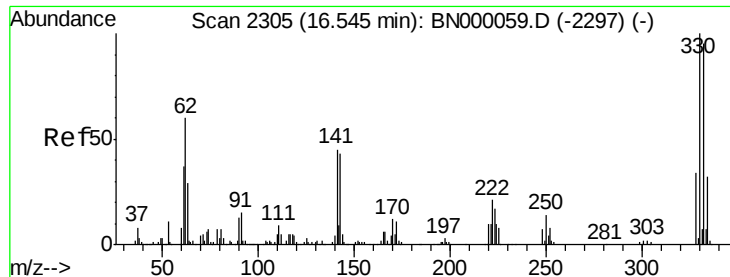
162 102.1 78.8 118.2

160 45.8 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

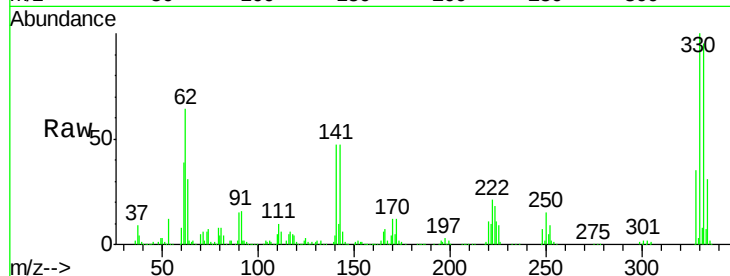




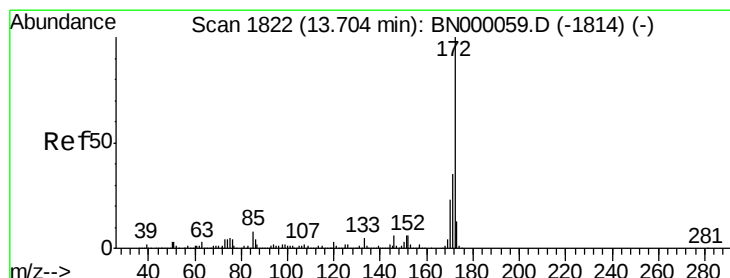
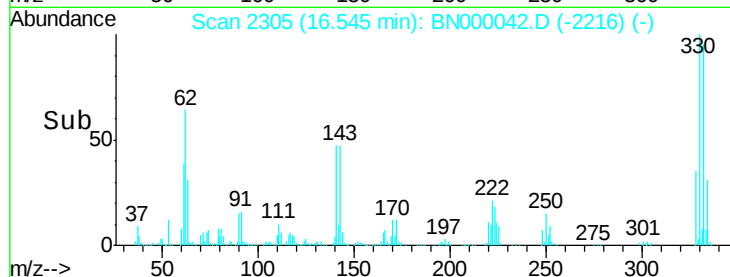
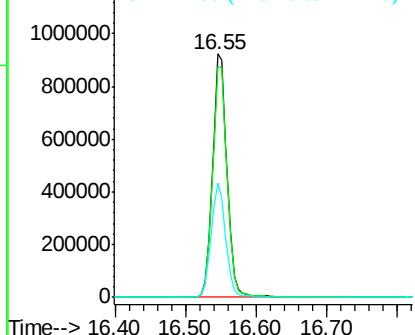
#41
 2,4,6-Tribromophenol
 Concen: 135.185 ng
 RT: 16.55 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BN000042.D
 Acq: 07 Feb 2018 19:15

Instrument :
 BNA_N
 ClientSampleId :
 PB106326BL

Tot Ion:330 Resp: 1315951
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 47.3 25.2 37.8#

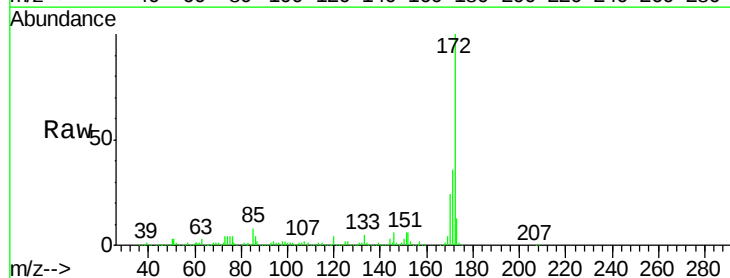


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

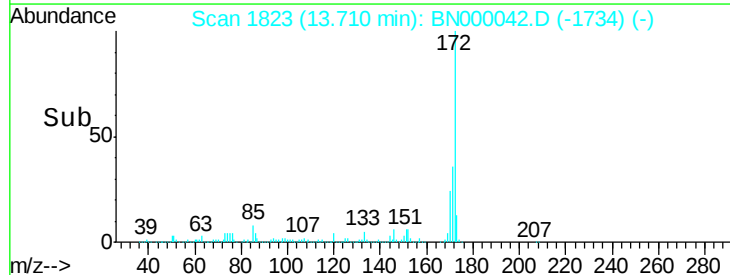
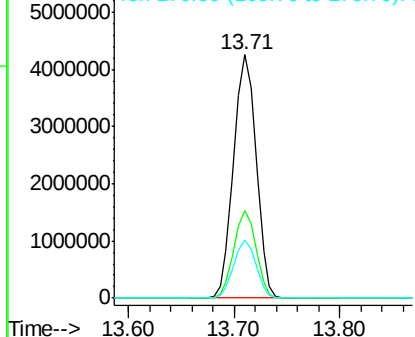


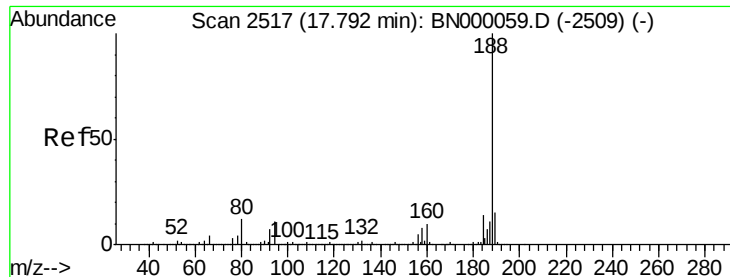
#44
 2-Fluorobiphenyl
 Concen: 90.051 ng
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BN000042.D
 Acq: 07 Feb 2018 19:15

Tgt Ion:172 Resp: 6283359
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.0 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# 2518

Delta R.T. 0.00 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

Instrument :

BNA_N

ClientSampleId :

PB106326BL

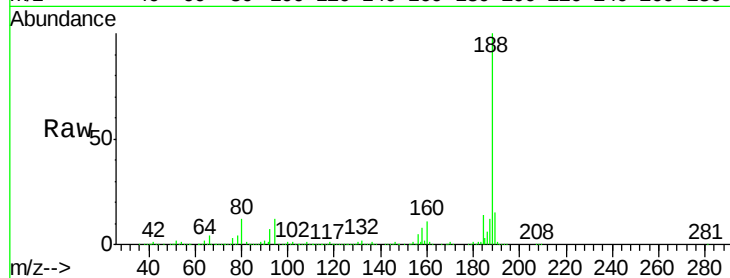
Tot Ion:188 Resp: 2419567

Ion Ratio Lower Upper

188 100

94 11.6 6.9 10.3#

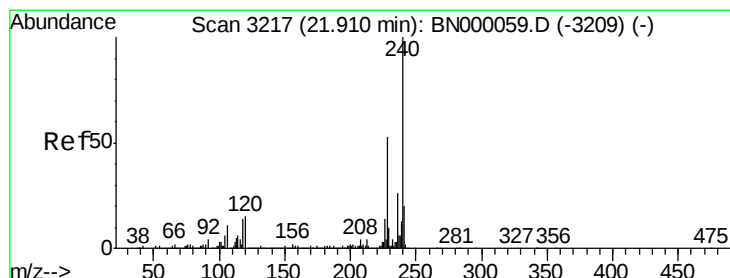
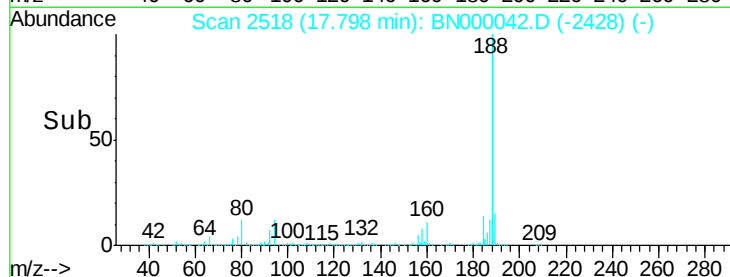
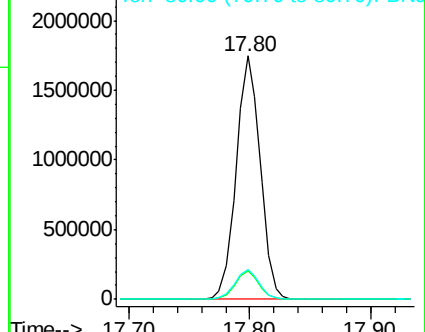
80 12.4 7.7 11.5#



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. 0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

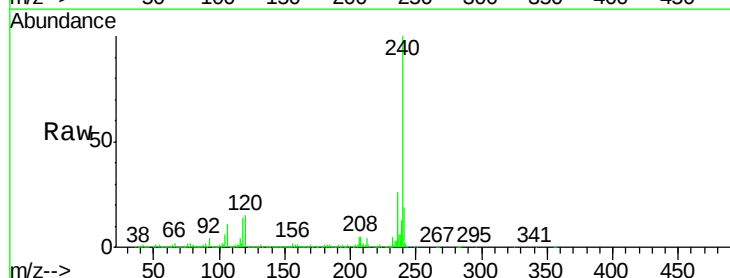
Tgt Ion:240 Resp: 2674145

Ion Ratio Lower Upper

240 100

120 15.1 6.8 10.2#

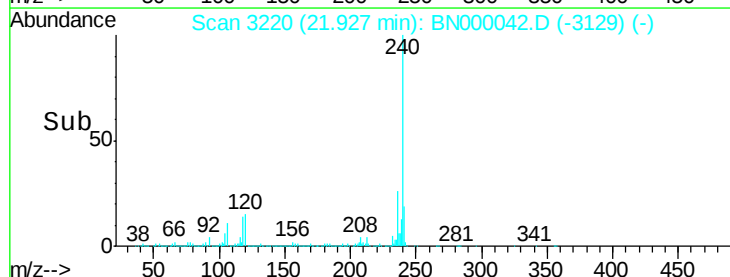
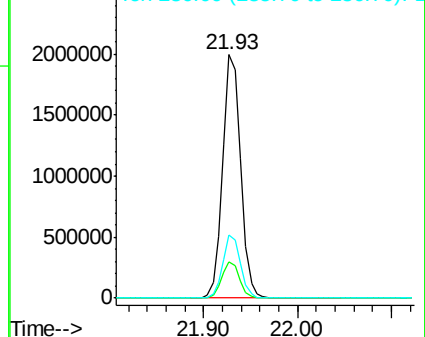
236 25.9 20.9 31.3

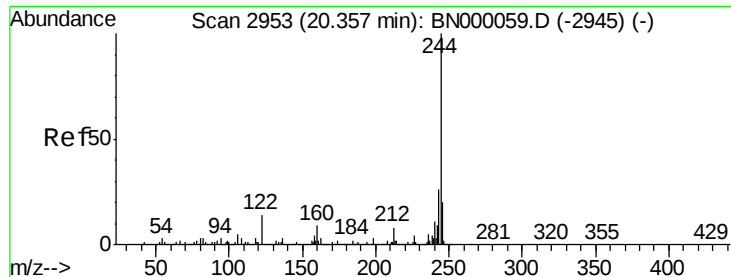


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.130 ng

RT: 20.37 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

Instrument :

BNA_N

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PB106326BL

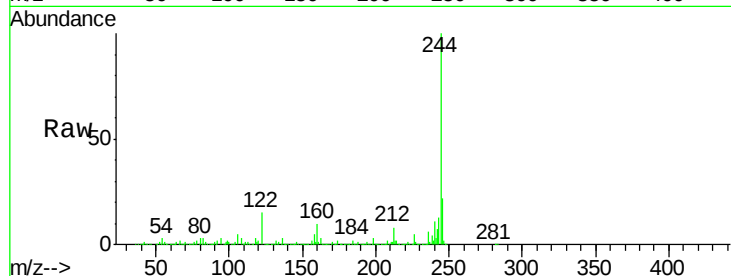
Tot Ion:244 Resp: 9916636

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

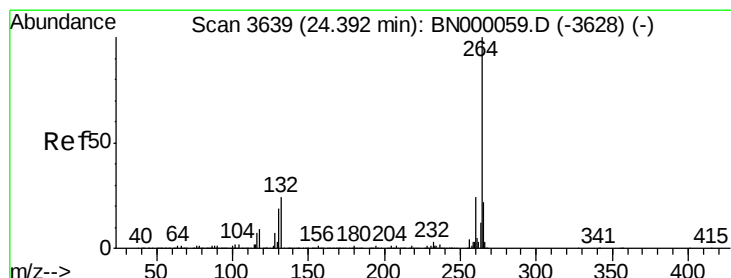
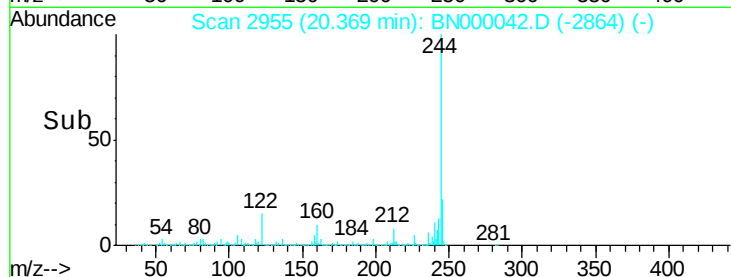
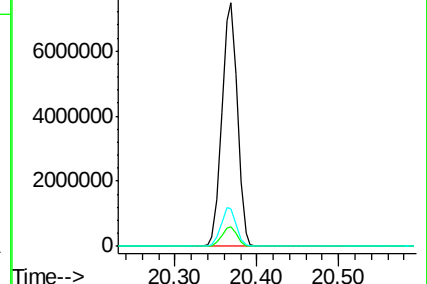
122 15.5 7.0 10.4#



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. 0.01 min

Lab File: BN000042.D

Acq: 07 Feb 2018 19:15

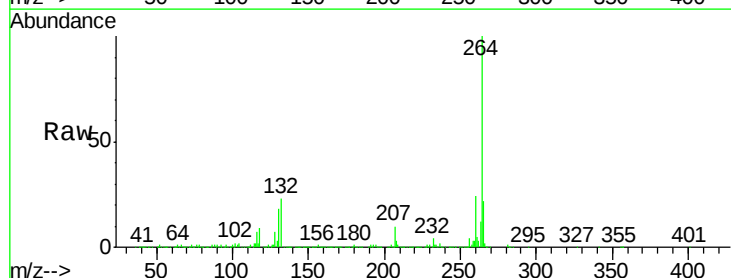
Tgt Ion:264 Resp: 2862972

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.9 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

