

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000024.D
 Acq On : 06 Feb 2018 10:10
 Operator :
 Sample : PB106300BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106300BL

Quant Time: Feb 07 04:25:52 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	298949	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1422087	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	872395	20.00	ng	-0.01
63) Phenanthrene-d10	17.80	188	2227107	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2691587	20.00	ng	-0.02
86) Perylene-d12	24.42	264	3007084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	2830376	139.60	ng	0.00
7) Phenol-d6	7.59	99	3948418	128.21	ng	0.00
23) Nitrobenzene-d5	9.65	82	1873928	79.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	1018038	116.08	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5232494	80.33	ng	-0.01
78) Terphenyl-d14	20.37	244	8962834	87.89	ng	-0.01

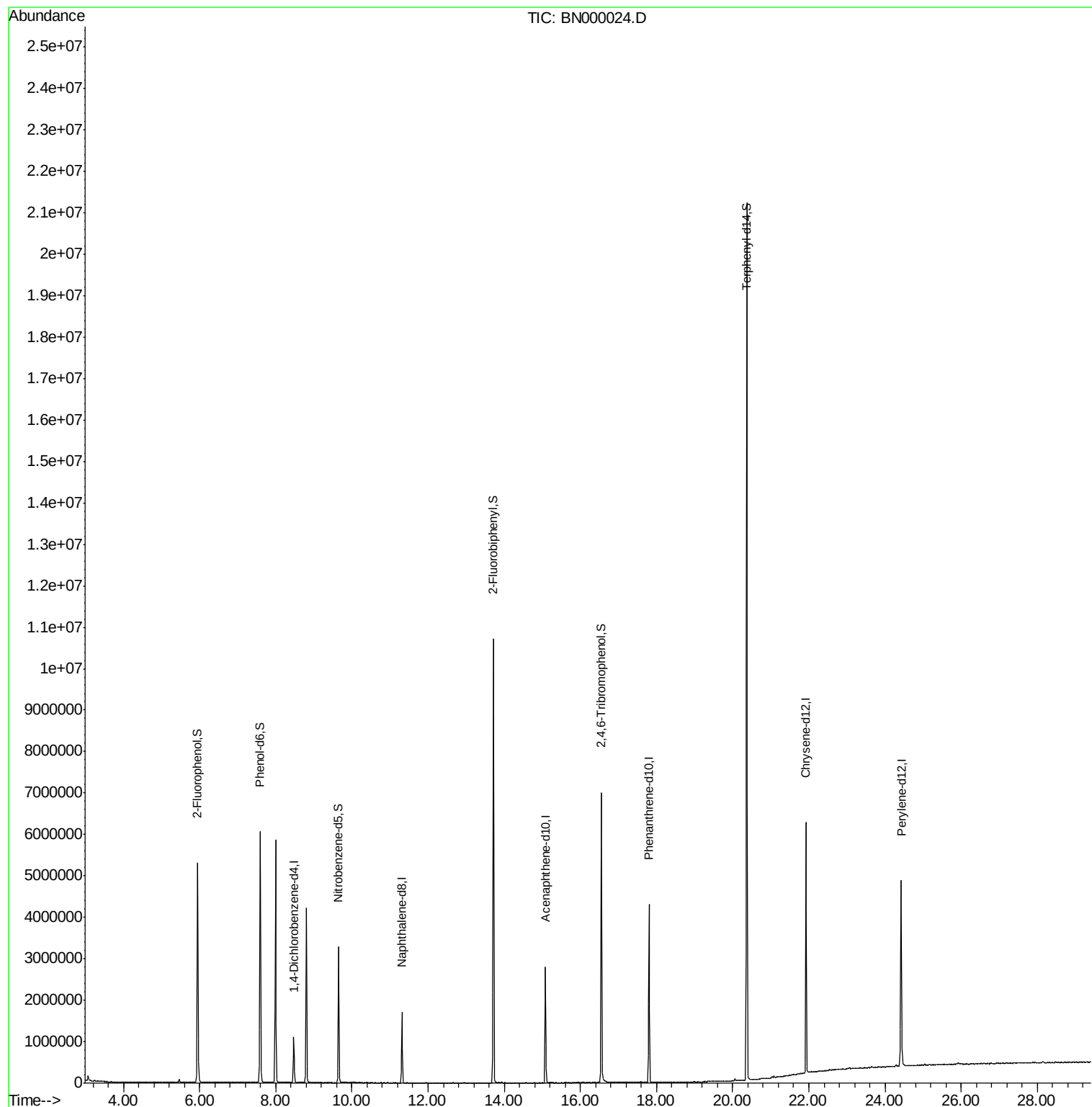
Target Compounds Qvalue

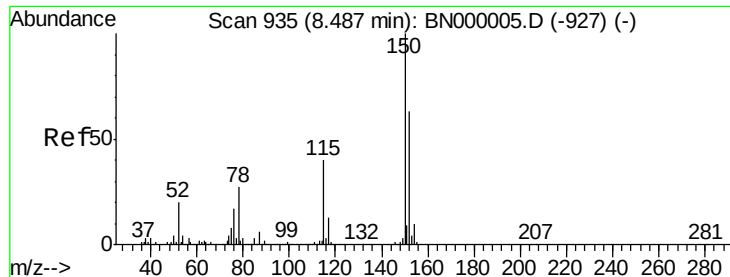
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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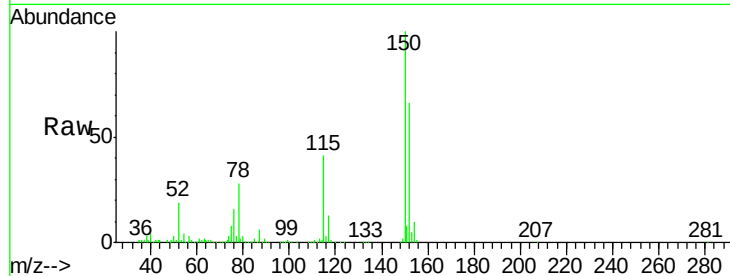


#1

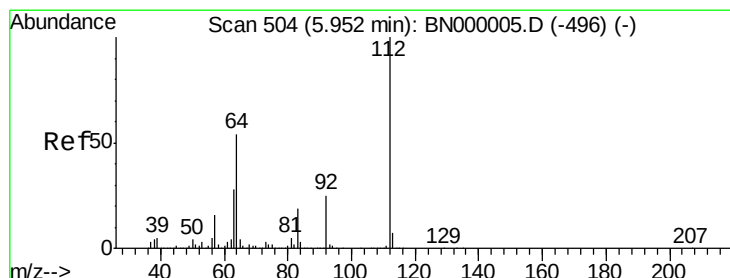
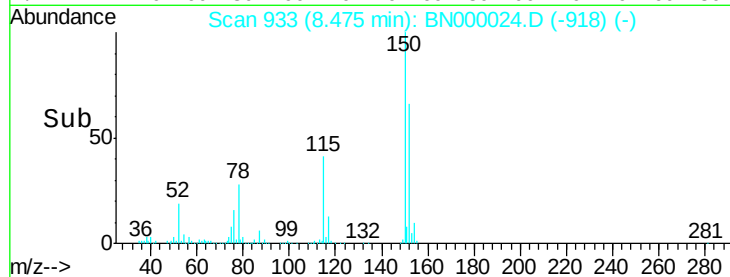
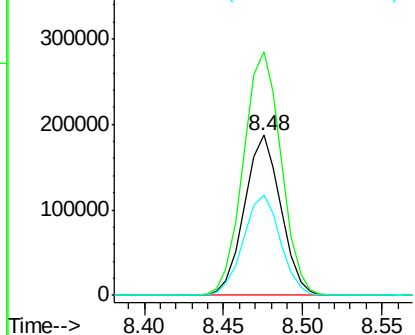
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampleId :
PB106300BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	62.6	53.0	79.4



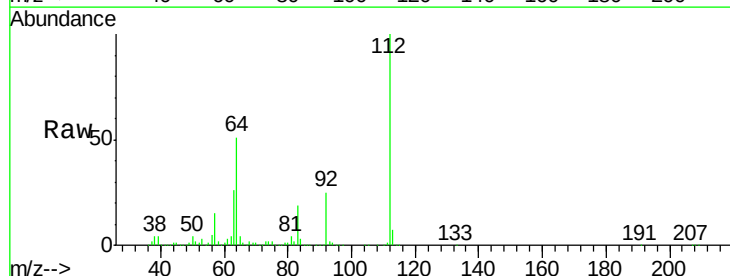
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



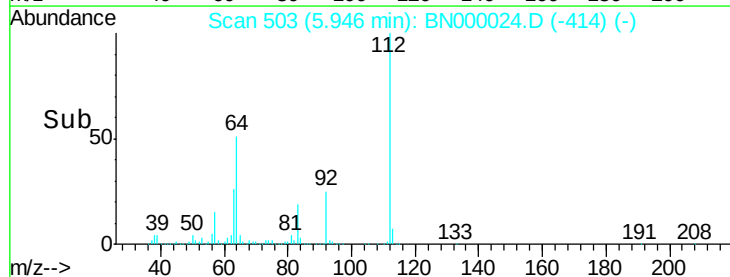
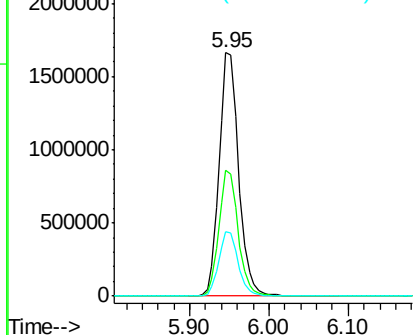
#5

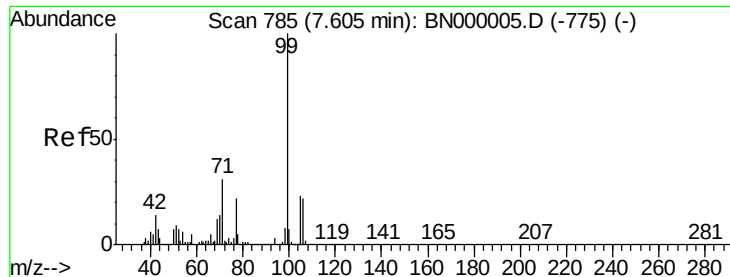
2-Fluorophenol
Concen: 139.596 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	56.3	84.5#
63	26.4	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: 128.205 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

PB106300BL

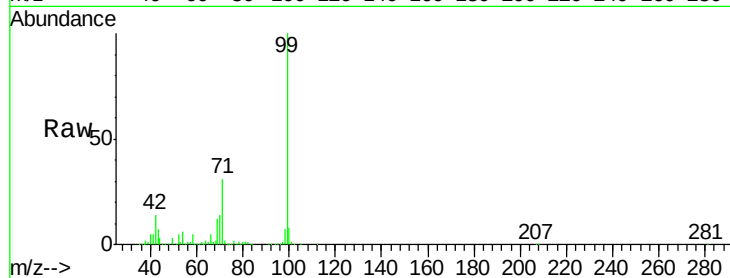
Tot Ion: 99 Resp: 3948418

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

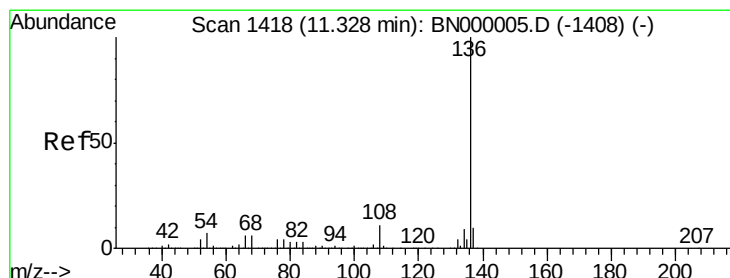
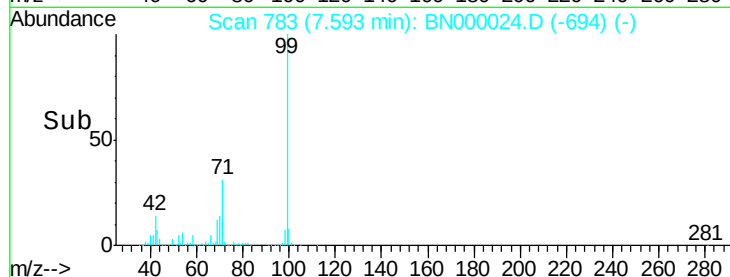
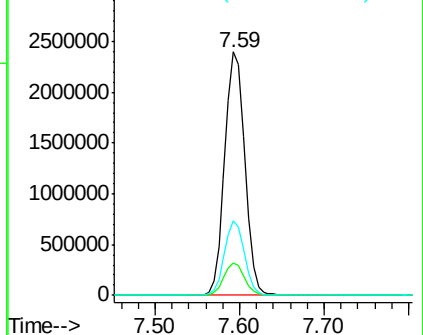
71 30.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000005.D (-775) (-)

Ion 42.00 (41.70 to 42.70): BN000005.D (-775) (-)

Ion 71.00 (70.70 to 71.70): BN000005.D (-775) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Tgt Ion: 136 Resp: 1422087

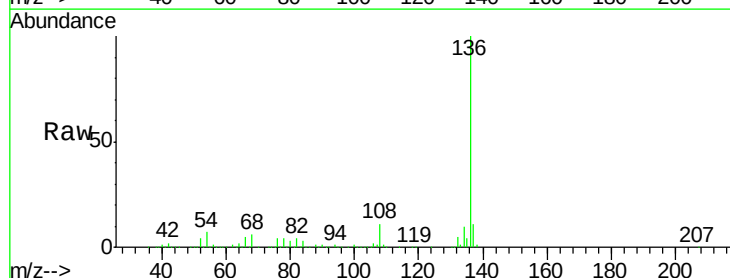
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.1 10.3 15.5#

68 6.4 4.5 6.7

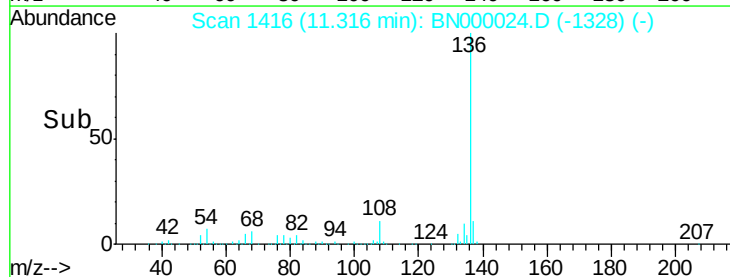
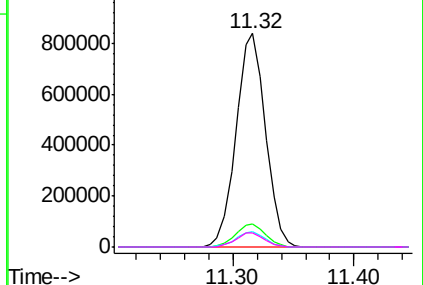


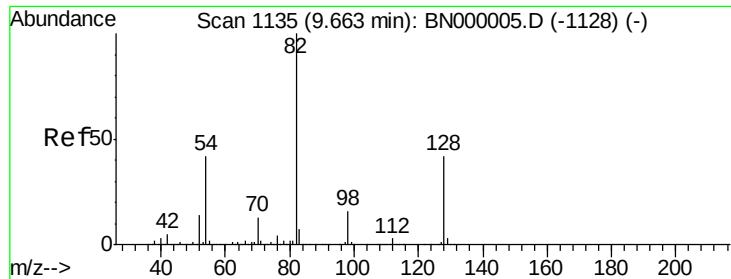
Abundance Ion 136.00 (135.70 to 136.70): BN000005.D (-1408) (-)

Ion 137.00 (136.70 to 137.70): BN000005.D (-1408) (-)

Ion 54.00 (53.70 to 54.70): BN000005.D (-1408) (-)

Ion 68.00 (67.70 to 68.70): BN000005.D (-1408) (-)

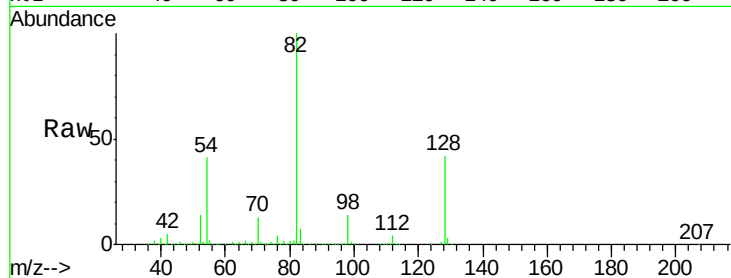




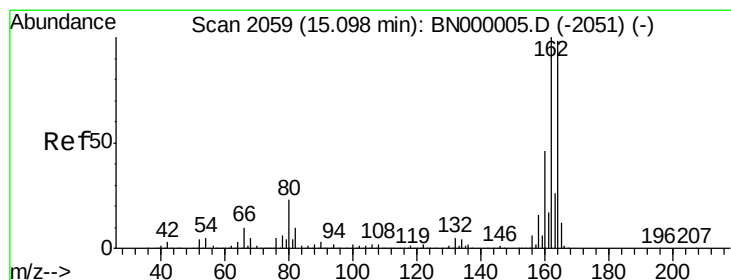
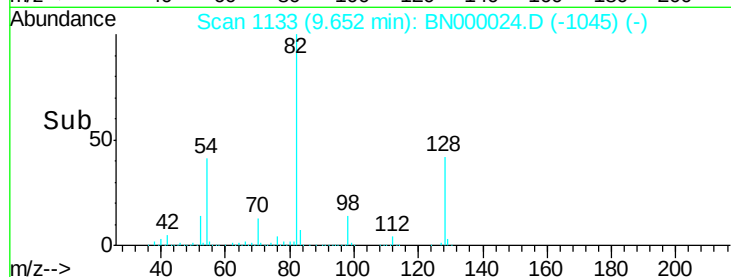
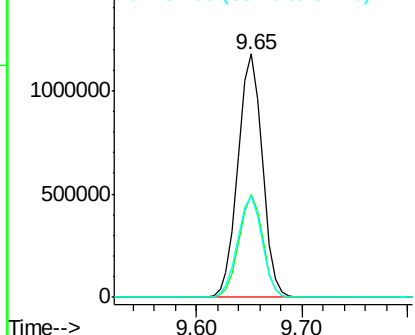
#23
Nitrobenzene-d5
Concen: 79.682 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Instrument :
BNA_N
ClientSampleId :
PB106300BL

Tot Ion: 82 Resp: 1873928
Ion Ratio Lower Upper
82 100
128 42.0 29.7 44.5
54 41.5 43.1 64.7#

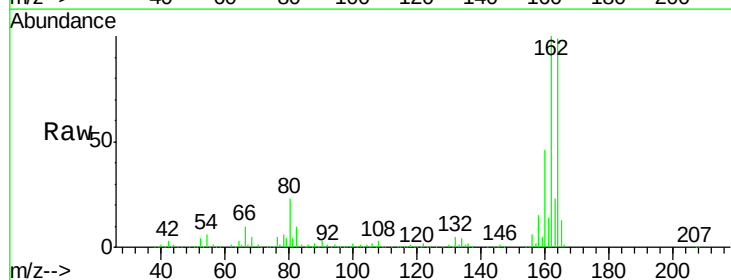


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

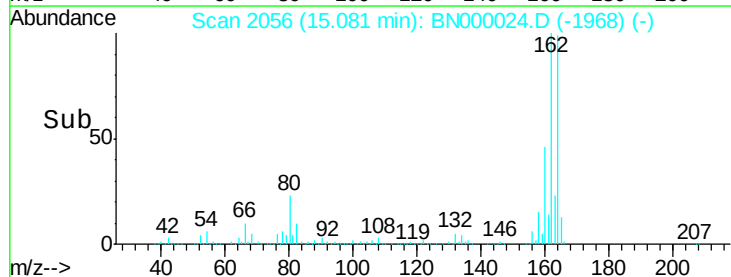
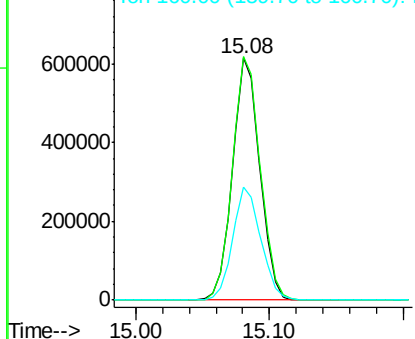


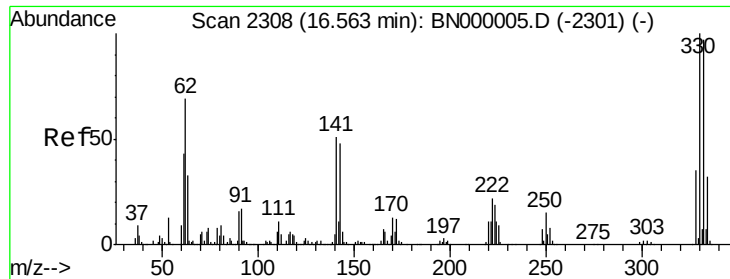
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN000024.D
Acq: 06 Feb 2018 10:10

Tgt Ion:164 Resp: 872395
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 46.5 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

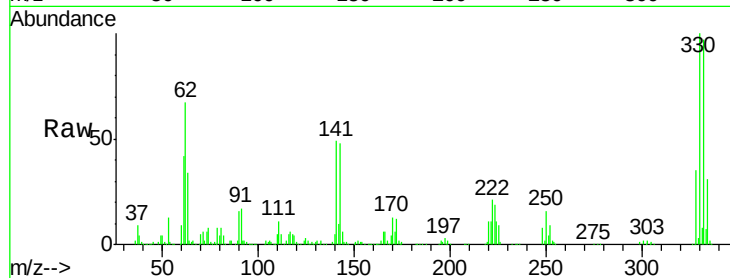




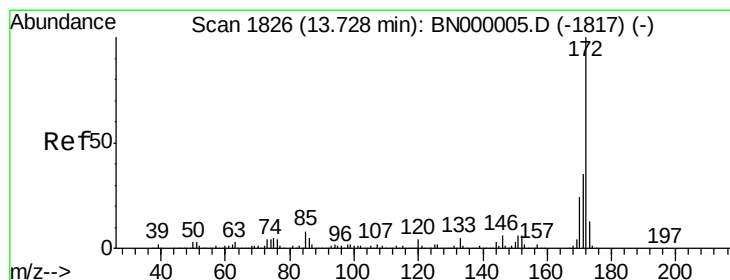
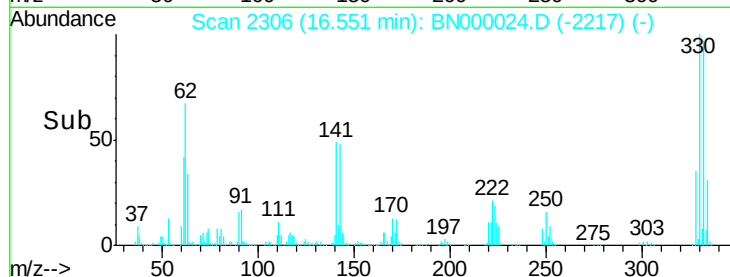
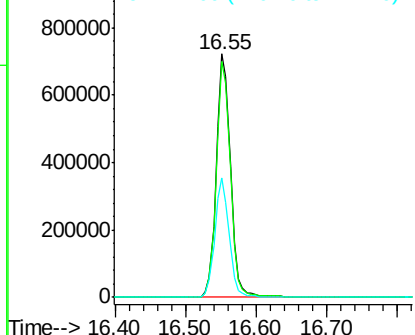
#41
 2,4,6-Tribromophenol
 Concen: 116.084 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BN000024.D
 Acq: 06 Feb 2018 10:10

Instrument :
 BNA_N
 ClientSampleId :
 PB106300BL

Tot Ion:330 Resp: 1018038
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 49.0 25.2 37.8#

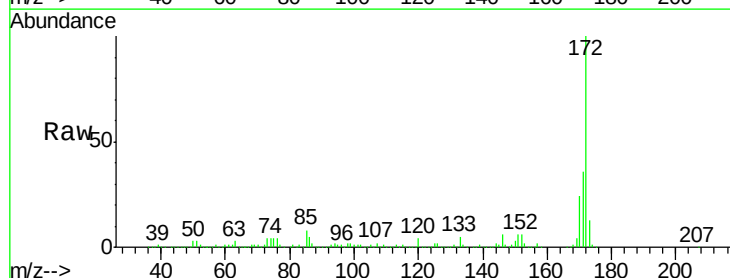


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

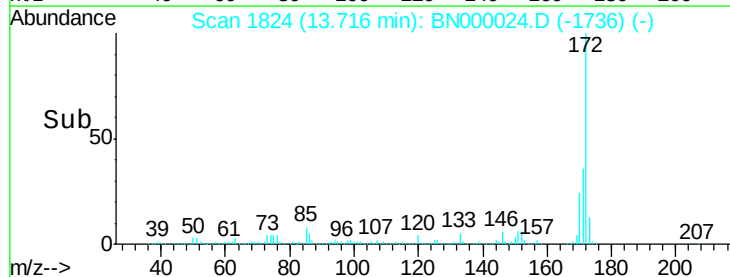
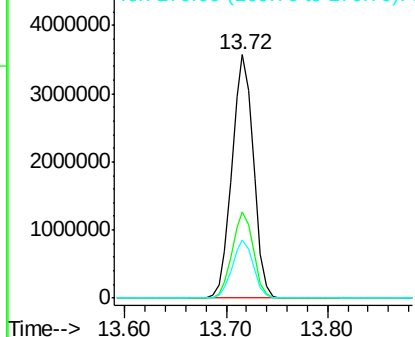


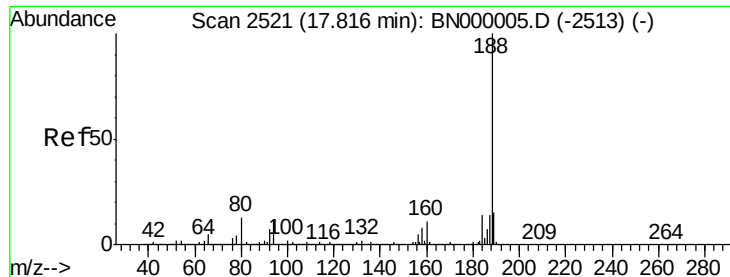
#44
 2-Fluorobiphenyl
 Concen: 80.328 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000024.D
 Acq: 06 Feb 2018 10:10

Tgt Ion:172 Resp: 5232494
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.7 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: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

PB106300BL

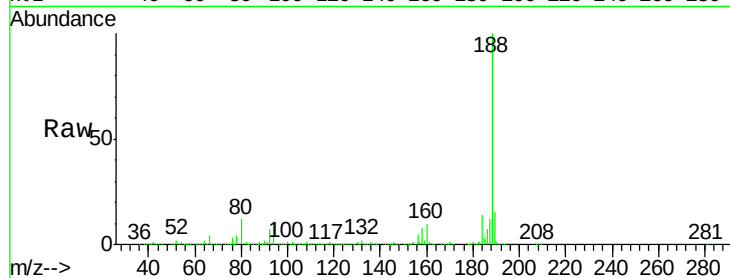
Tot Ion:188 Resp: 2227107

Ion Ratio Lower Upper

188 100

94 11.2 6.9 10.3#

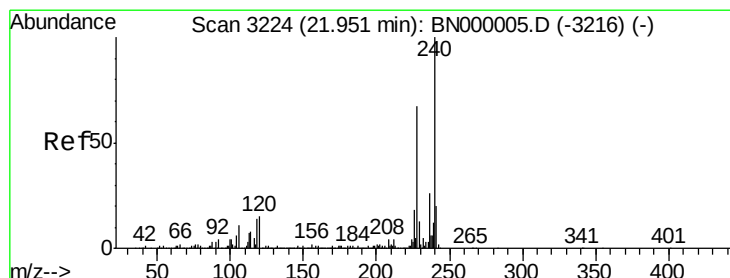
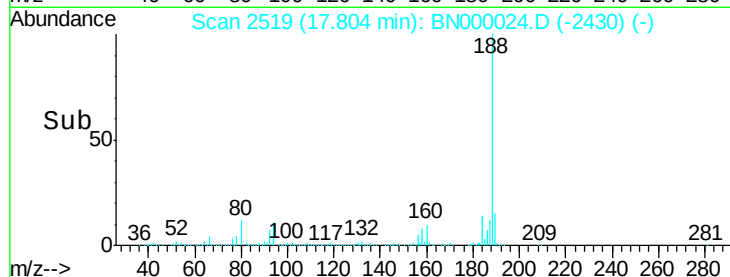
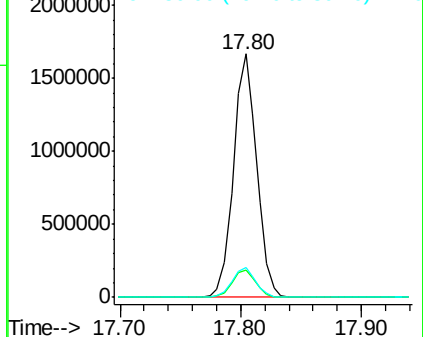
80 12.1 7.7 11.5#



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: BN000024.D

Acq: 06 Feb 2018 10:10

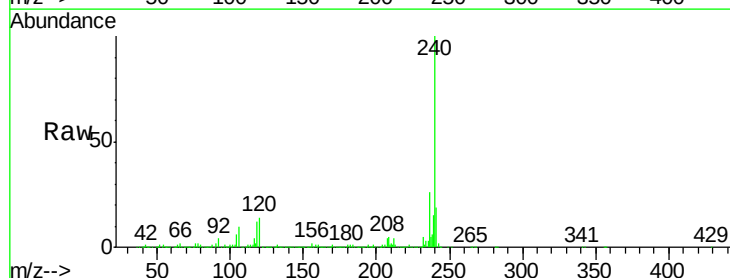
Tgt Ion:240 Resp: 2691587

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

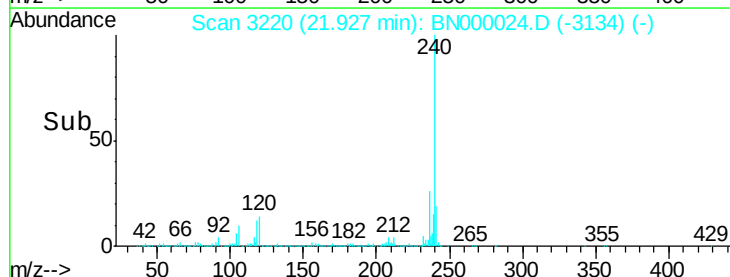
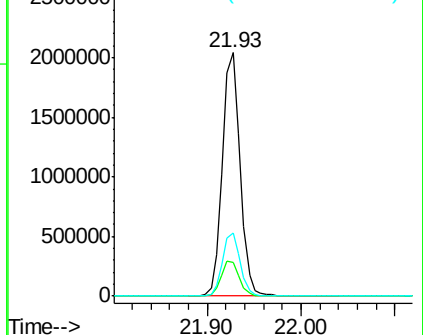
236 26.1 20.9 31.3

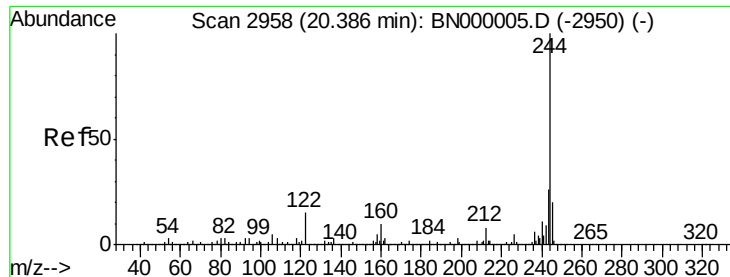


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.892 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

Instrument :

BNA_N

ClientSampleId :

PB106300BL

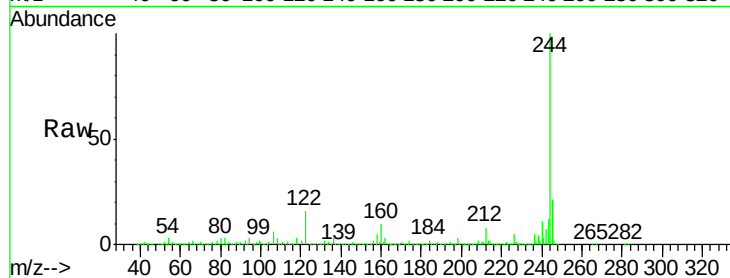
Tot Ion:244 Resp: 8962834

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

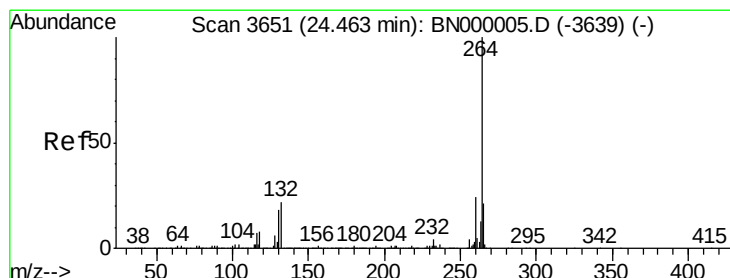
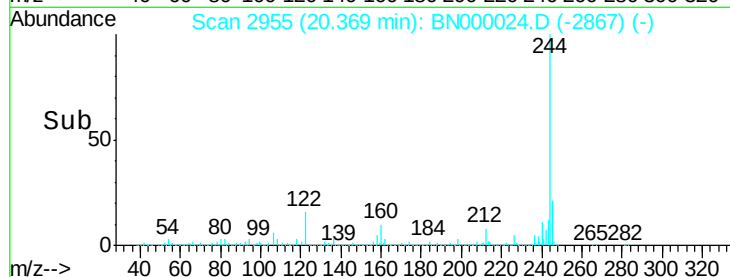
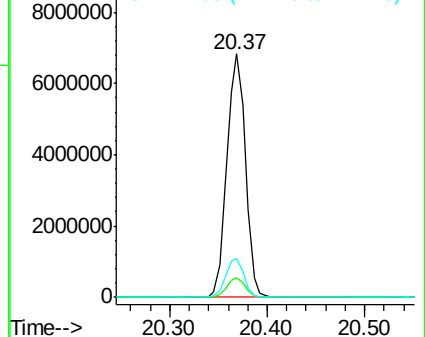
122 16.0 7.0 10.4#



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: 24.42 min Scan# 3644

Delta R.T. -0.04 min

Lab File: BN000024.D

Acq: 06 Feb 2018 10:10

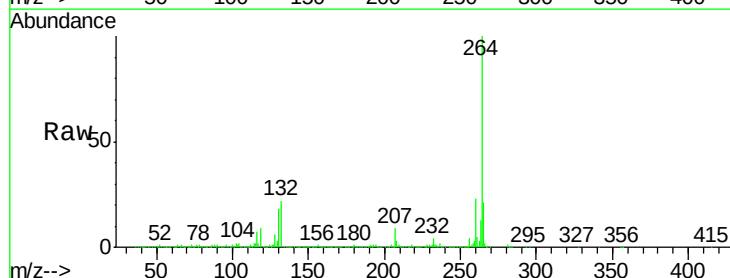
Tgt Ion:264 Resp: 3007084

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.2 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

