

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
 Data File : BN000013.D
 Acq On : 05 Feb 2018 11:33
 Operator : SJ/JU
 Sample : PB106274BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106274BL

Quant Time: Feb 06 05:41:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 19:48:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	438797	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	2119878	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	1275283	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	3028746	20.00	ng	0.00
75) Chrysene-d12	21.93	240	3186281	20.00	ng	-0.02
86) Perylene-d12	24.43	264	3384993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	4220798	141.83	ng	0.00
7) Phenol-d6	7.60	99	5813812	128.61	ng	0.00
23) Nitrobenzene-d5	9.66	82	2915152	83.15	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	1459431	113.84	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	7594314	79.75	ng	0.00
78) Terphenyl-d14	20.38	244	10759828	89.13	ng	0.00

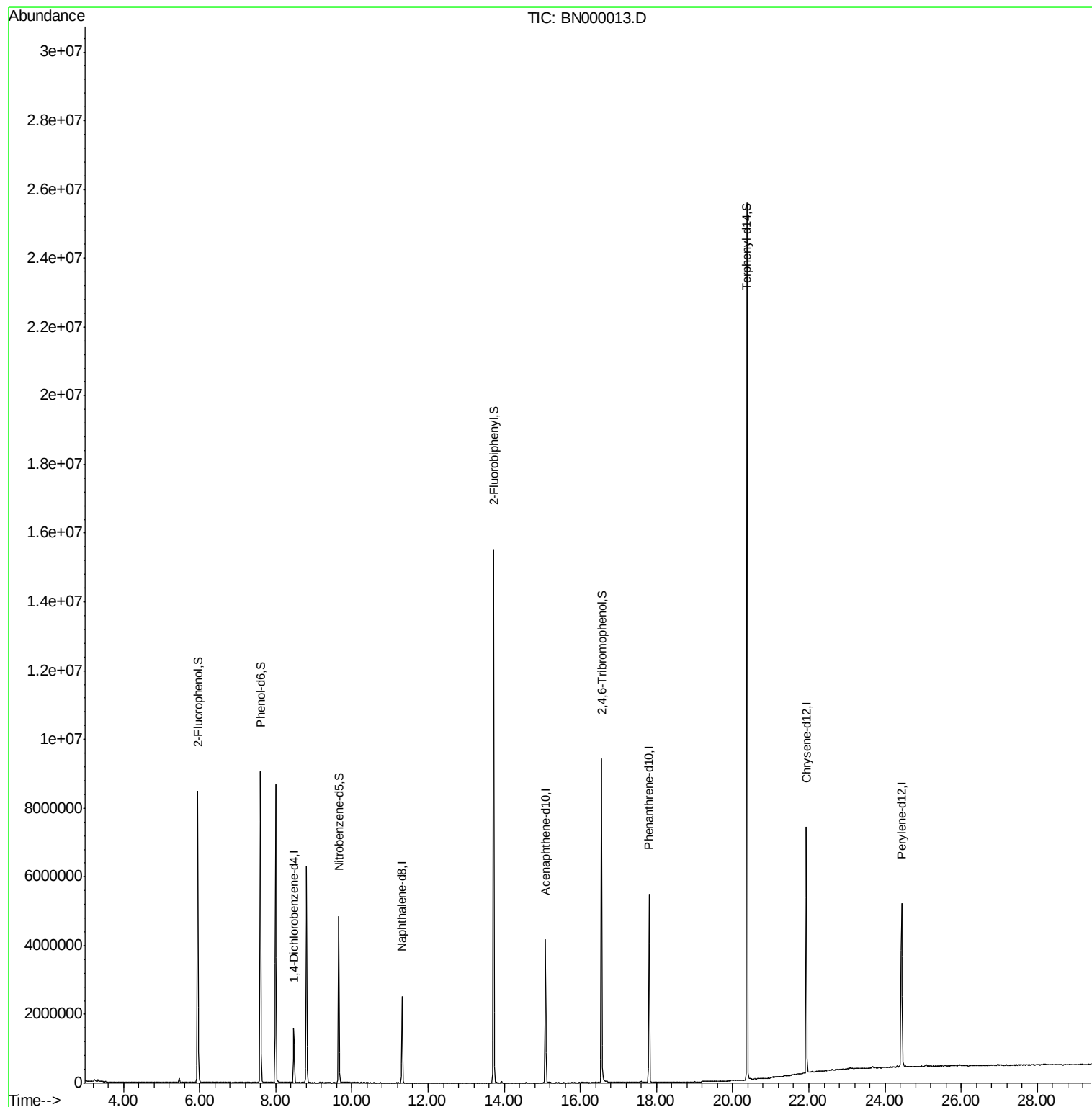
Target Compounds Qvalue

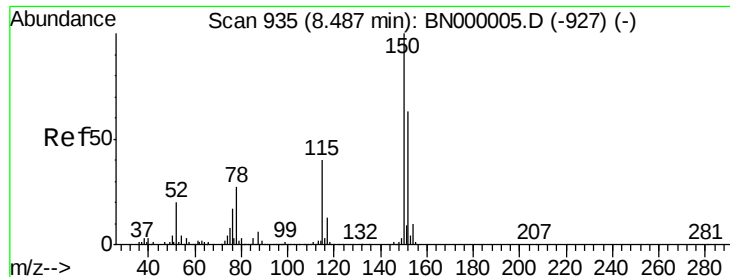
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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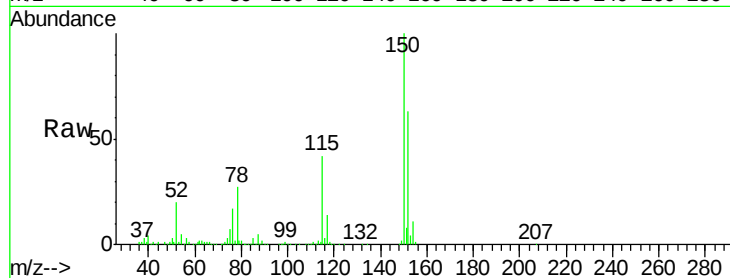


#1

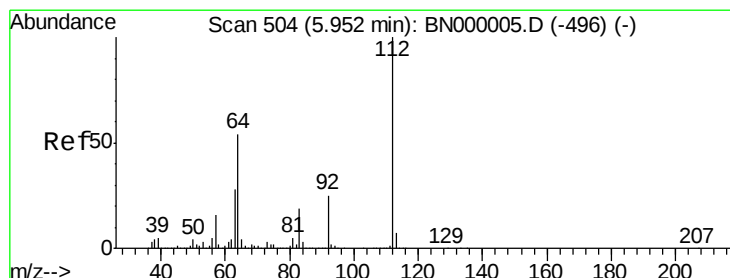
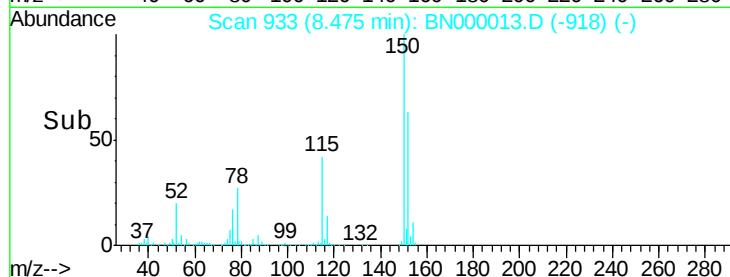
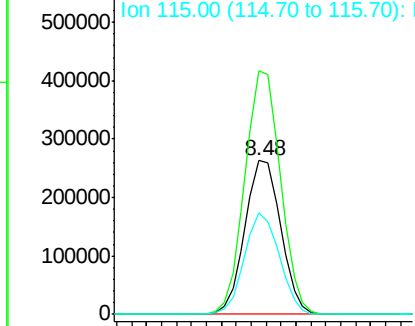
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000013.D
Acq: 05 Feb 2018 11:33

Instrument :
BNA_N
ClientSampleId :
PB106274BL

Tot Ion	152	Resp	438797
Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	65.8	53.0	79.4



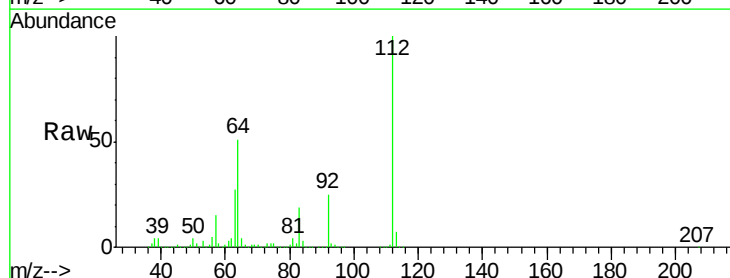
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



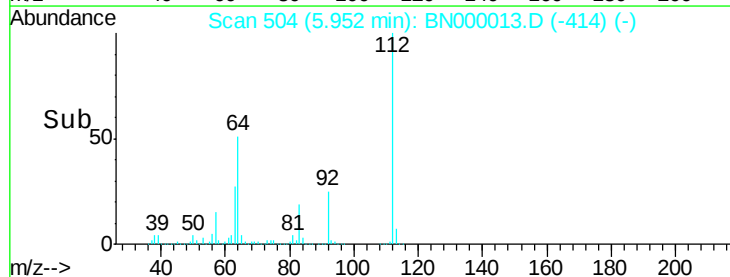
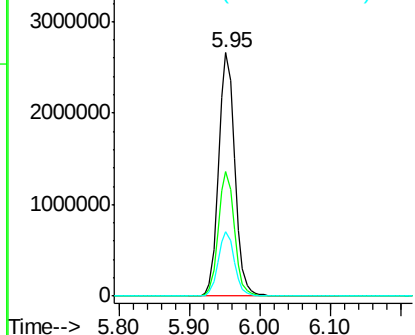
#5

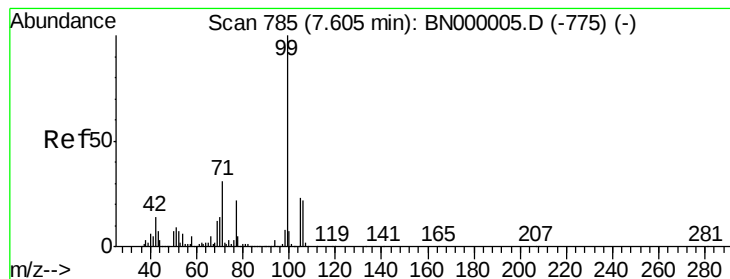
2-Fluorophenol
Concen: 141.826 ng
RT: 5.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BN000013.D
Acq: 05 Feb 2018 11:33

Tgt Ion	112	Resp	4220798
Ion	Ratio	Lower	Upper
112	100		
64	51.1	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: 128.611 ng

RT: 7.60 min Scan# 784

Delta R.T. -0.00 min

Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

Instrument :

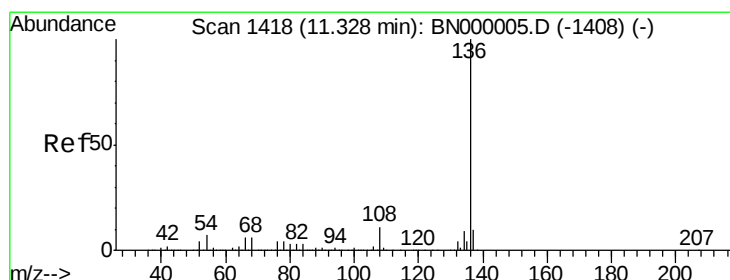
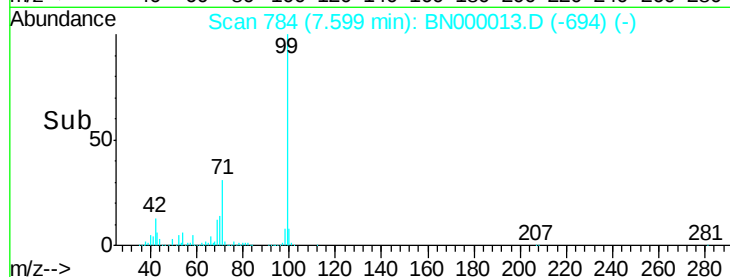
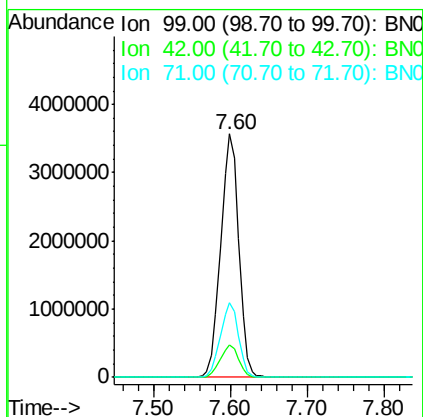
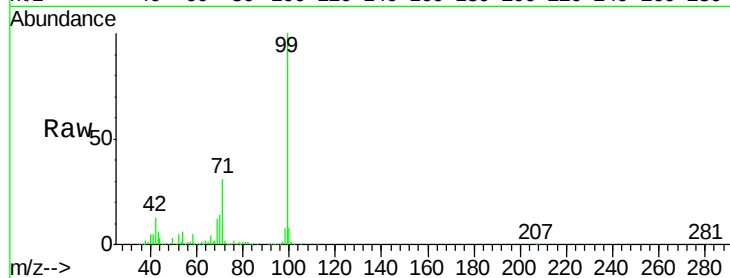
BNA_N

ClientSampleId :

PB106274BL

Tot Ion: 99 Resp: 5813812

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	30.7	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1416

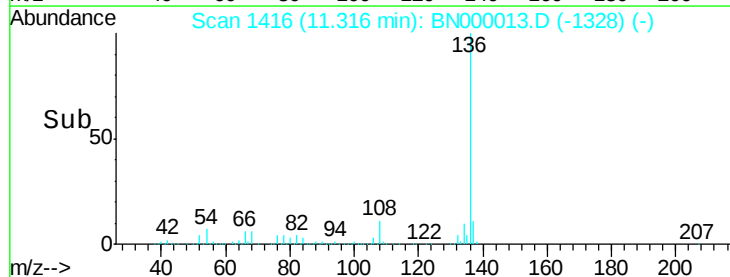
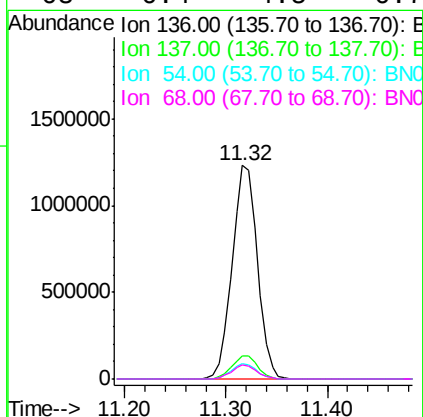
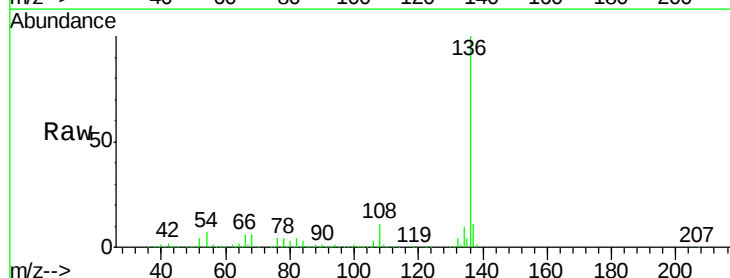
Delta R.T. -0.01 min

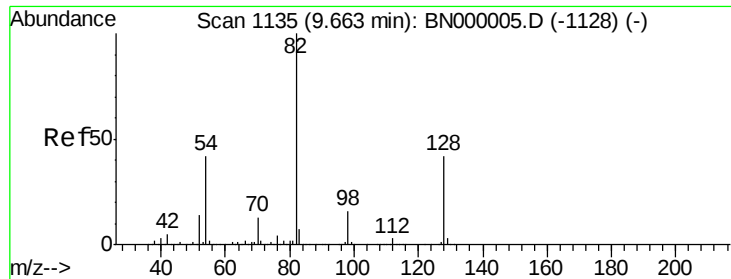
Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

Tgt Ion: 136 Resp: 2119878

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.2	10.3	15.5#
68	6.4	4.5	6.7



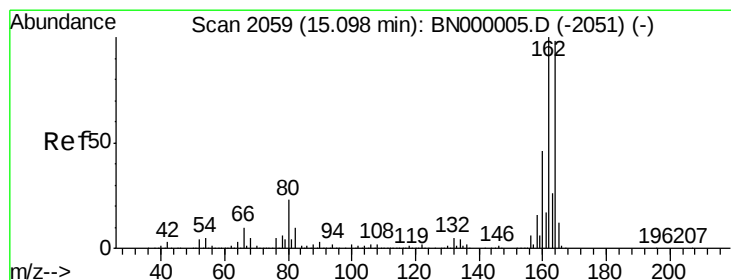
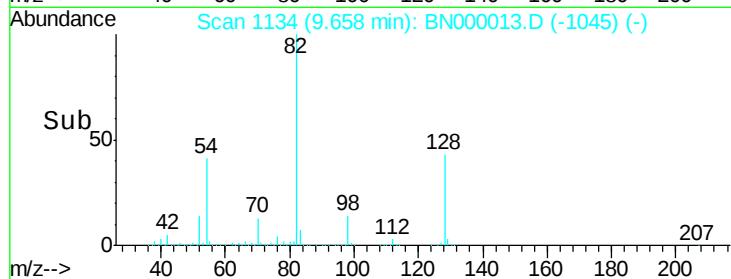
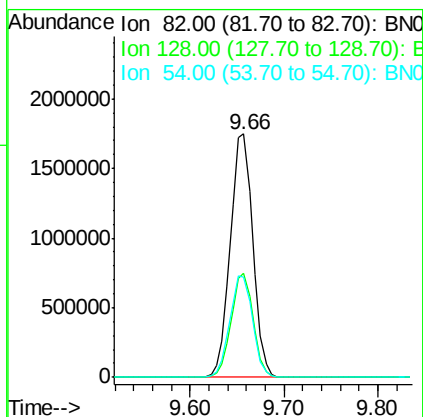
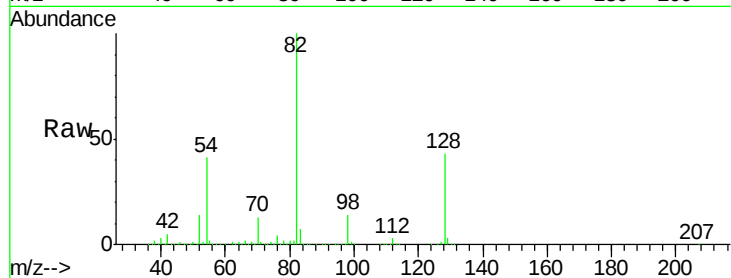


#23
 Nitrobenzene-d5
 Concen: 83.154 ng
 RT: 9.66 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BN000013.D
 Acq: 05 Feb 2018 11:33

Instrument :
 BNA_N
 ClientSampleId :
 PB106274BL

Tot Ion: 82 Resp: 2915152

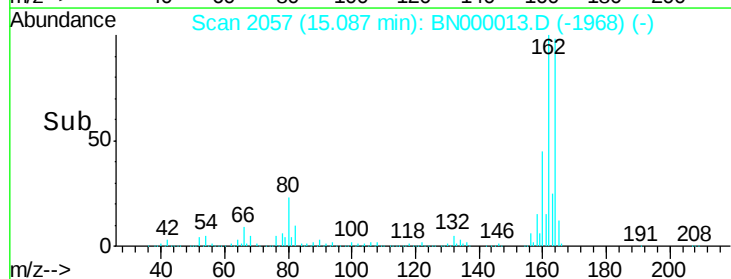
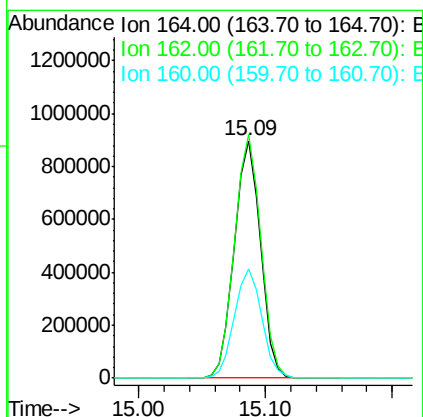
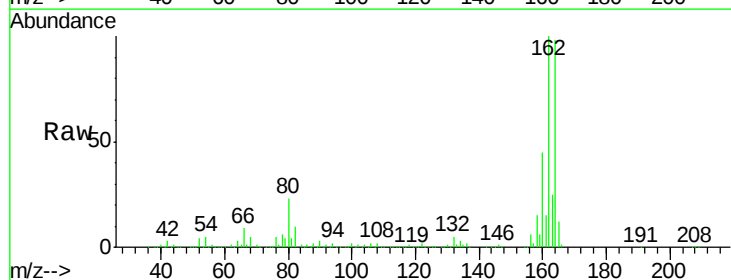
Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	41.0	43.1	64.7#

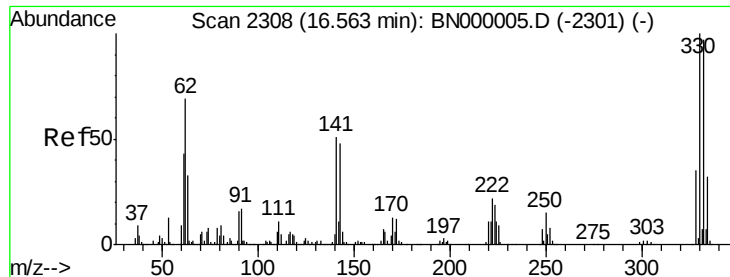


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BN000013.D
 Acq: 05 Feb 2018 11:33

Tgt Ion: 164 Resp: 1275283

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	46.1	35.4	53.0

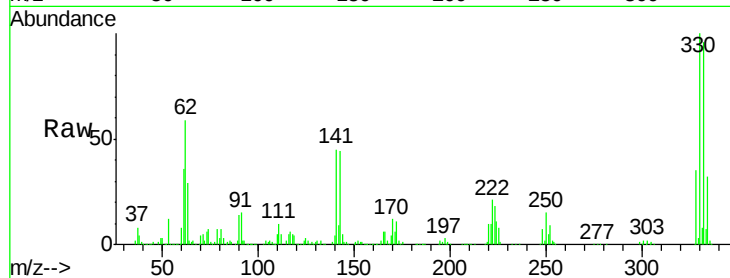




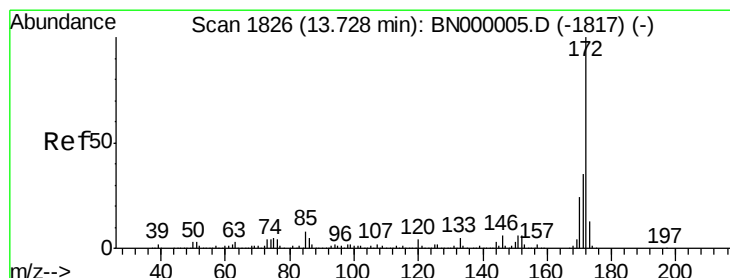
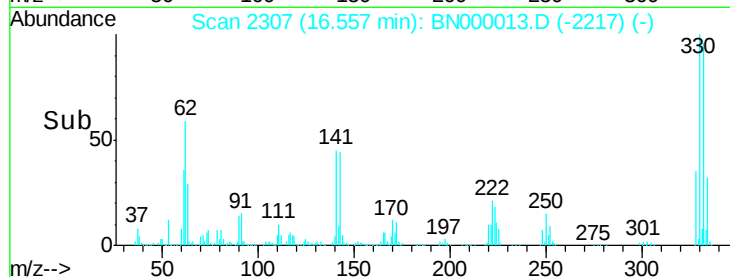
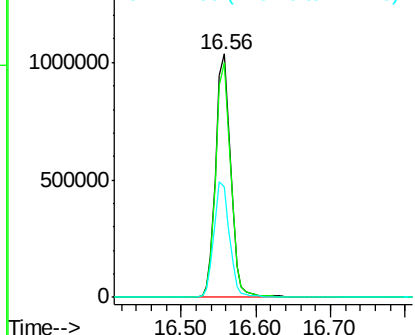
#41
 2,4,6-Tribromophenol
 Concen: 113.841 ng
 RT: 16.56 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BN000013.D
 Acq: 05 Feb 2018 11:33

Instrument :
 BNA_N
 ClientSampleId :
 PB106274BL

Tot Ion:330 Resp: 1459431
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 49.0 25.2 37.8#

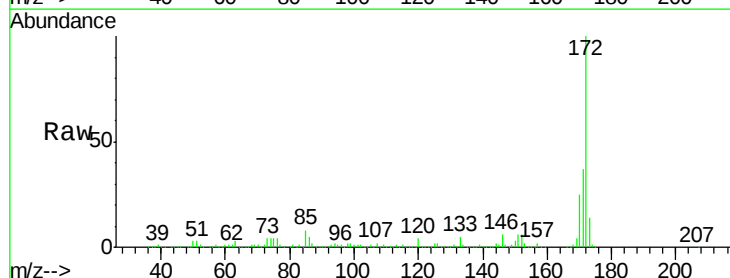


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

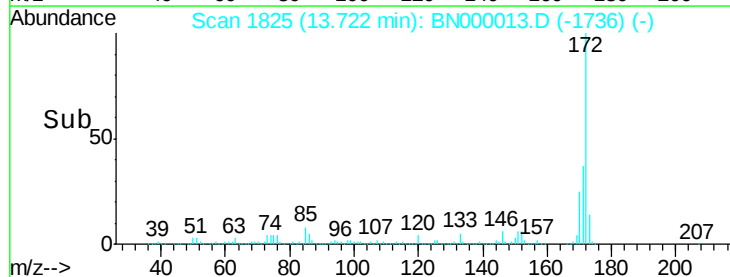
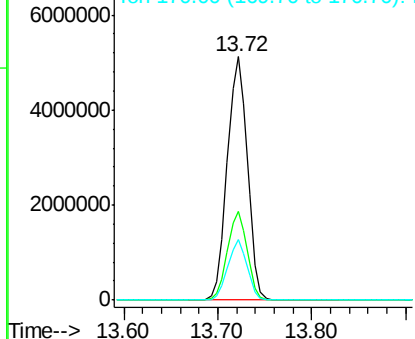


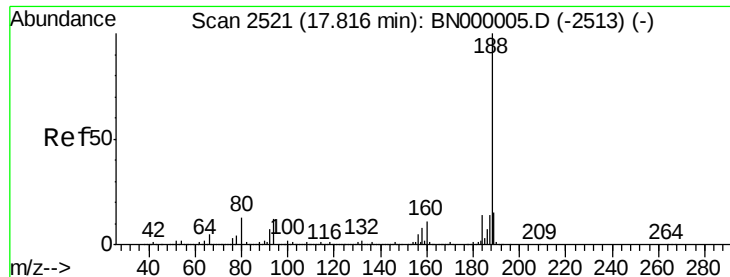
#44
 2-Fluorobiphenyl
 Concen: 79.754 ng
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BN000013.D
 Acq: 05 Feb 2018 11:33

Tgt Ion:172 Resp: 7594314
 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: 17.81 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

Instrument :

BNA_N

ClientSampleId :

PB106274BL

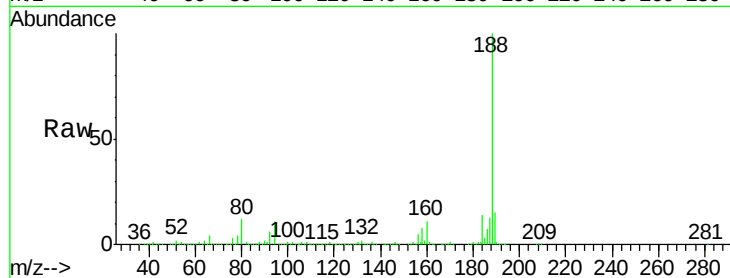
Tot Ion:188 Resp: 3028746

Ion Ratio Lower Upper

188 100

94 11.4 6.9 10.3#

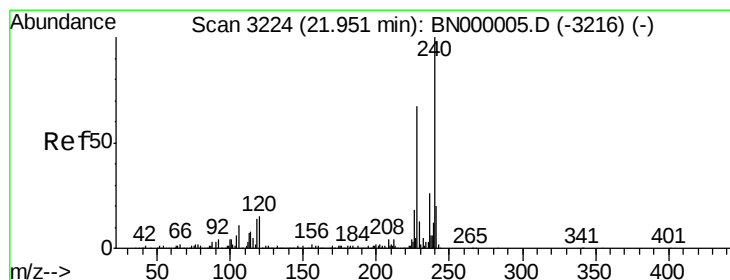
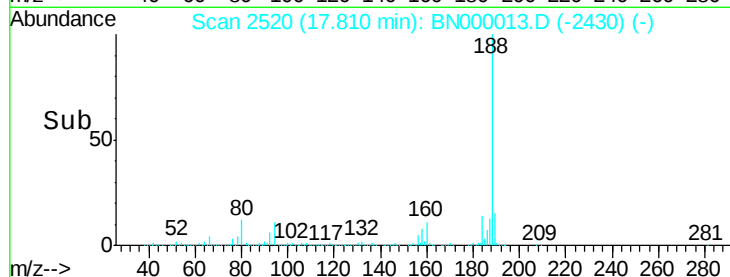
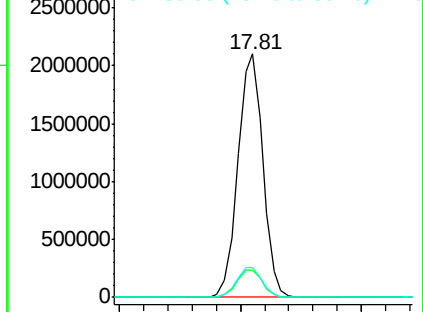
80 12.2 7.7 11.5#



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# 3221

Delta R.T. -0.02 min

Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

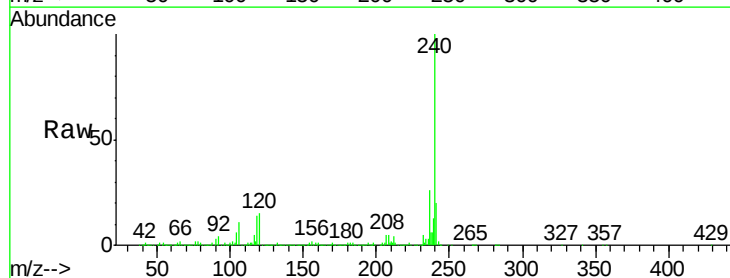
Tgt Ion:240 Resp: 3186281

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

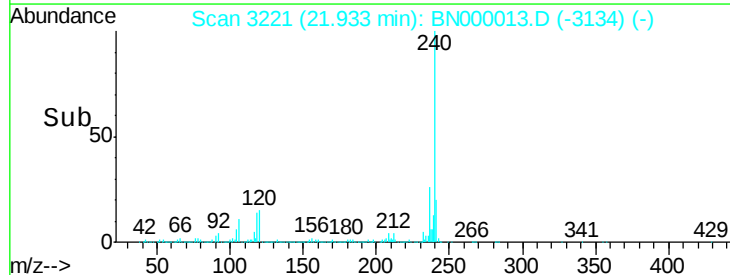
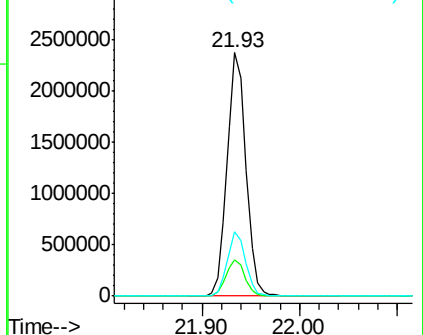
236 26.3 20.9 31.3

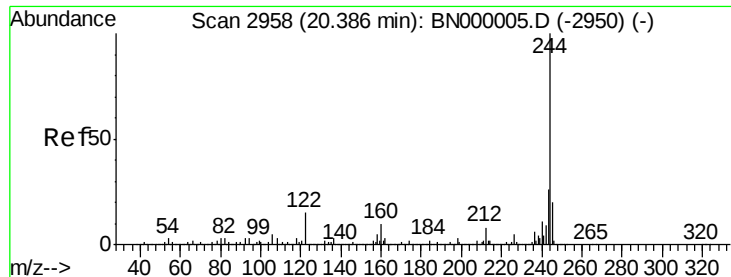


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.132 ng

RT: 20.38 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

Instrument :

BNA_N

ClientSampleId :

PB106274BL

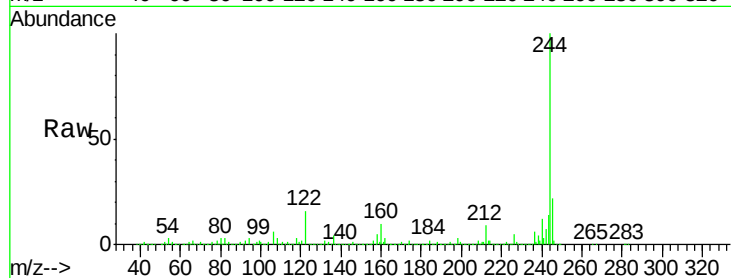
Tot Ion:244 Resp:10759828

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

122 15.9 7.0 10.4#

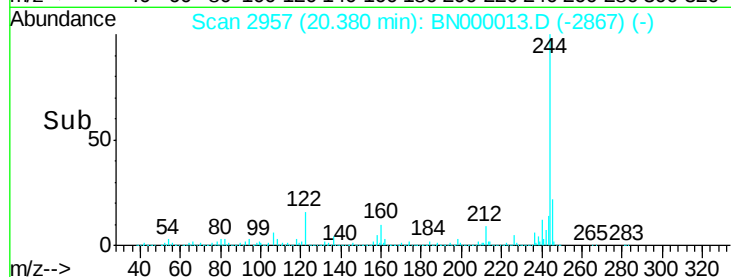


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



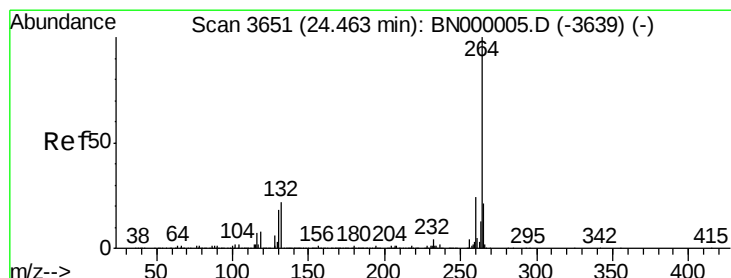
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.43 min Scan# 3646

Delta R.T. -0.02 min

Lab File: BN000013.D

Acq: 05 Feb 2018 11:33

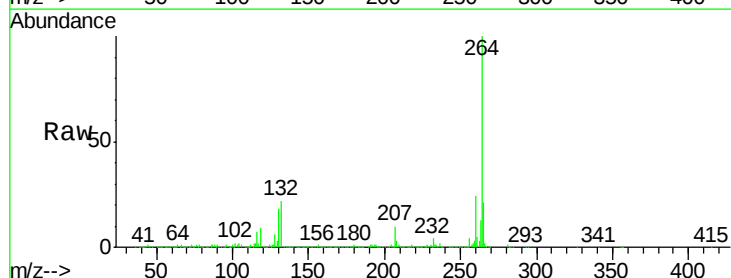
Tgt Ion:264 Resp: 3384993

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.0 17.7 26.5

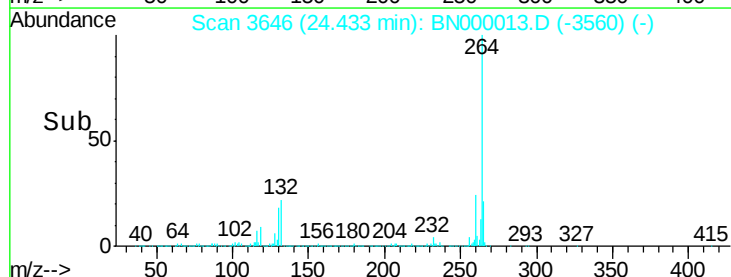


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->