

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000752.D
 Acq On : 18 Apr 2018 22:33
 Operator : JU/SJ
 Sample : PB108327BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB108327BL

Quant Time: Apr 19 17:33:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	159488	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	660677	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	322993	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	632410	20.00	ng	0.00
75) Chrysene-d12	21.21	240	477807	20.00	ng	-0.01
86) Perylene-d12	23.40	264	438624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1385620	129.06	ng	0.00
7) Phenol-d6	6.82	99	1810230	123.73	ng	0.00
23) Nitrobenzene-d5	8.78	82	1049657	82.82	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	412447	126.84	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	2027375	86.65	ng	0.00
78) Terphenyl-d14	19.66	244	2046070	92.33	ng	0.00

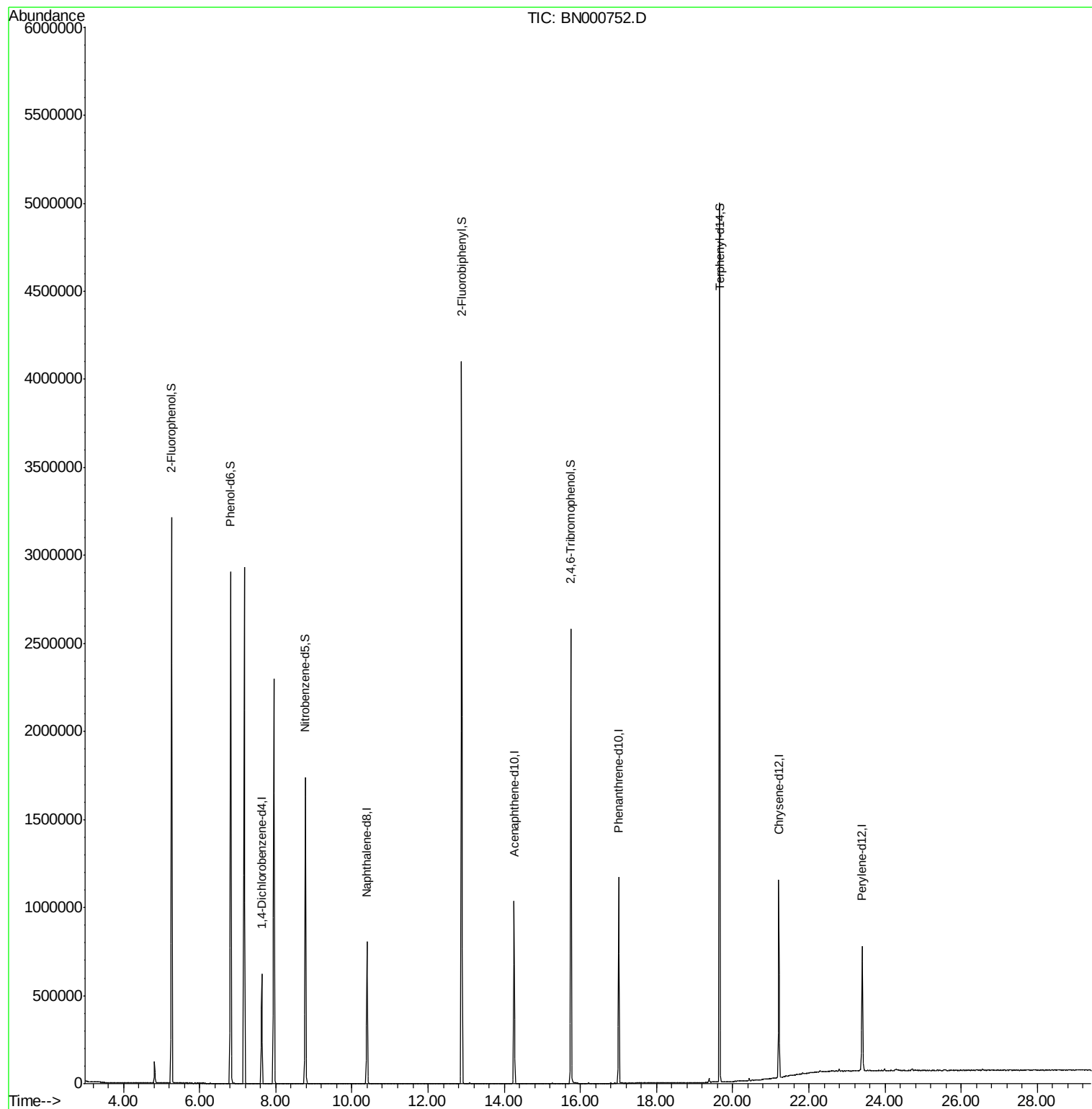
Target Compounds Qvalue

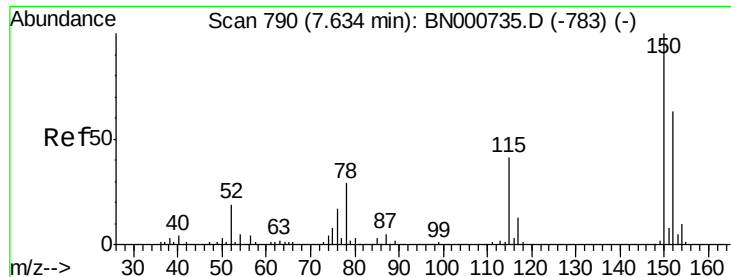
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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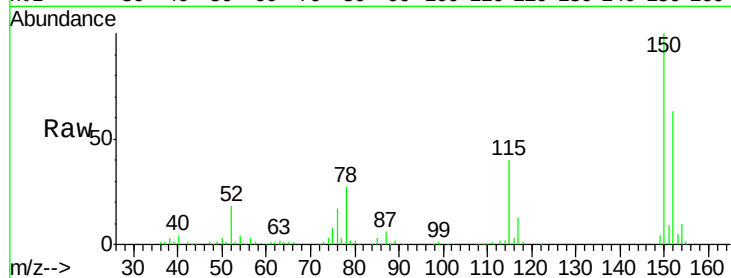


#1

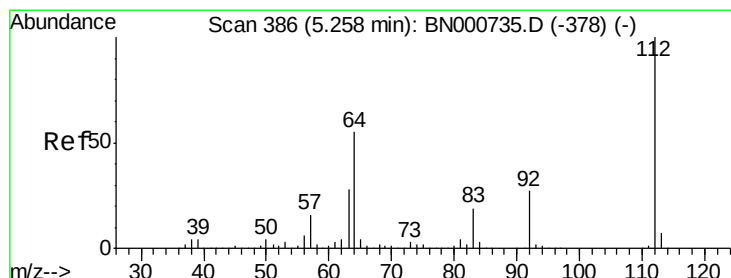
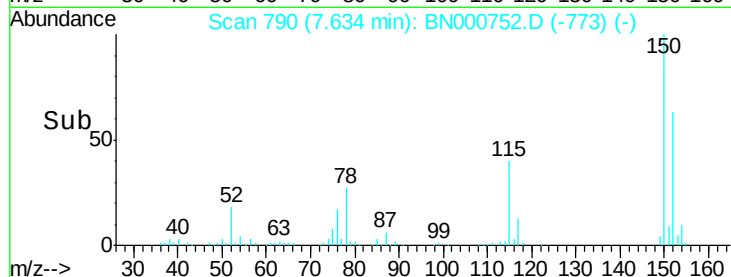
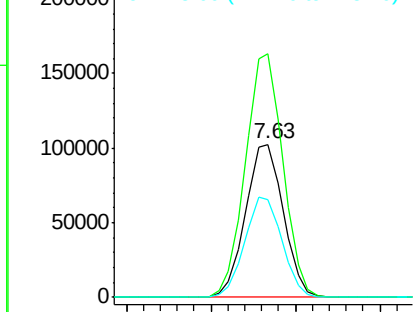
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Instrument :
BNA_N
ClientSampleId :
PB108327BL

Tot Ion:152 Resp: 159488
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 64.1 53.0 79.4



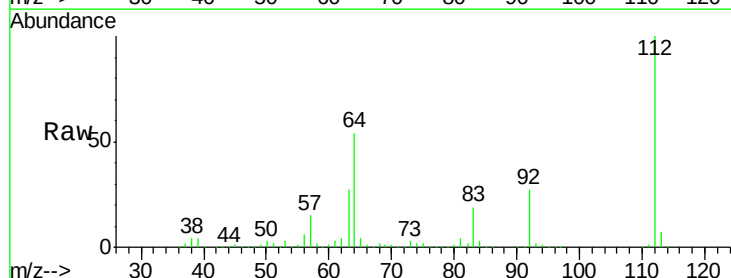
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



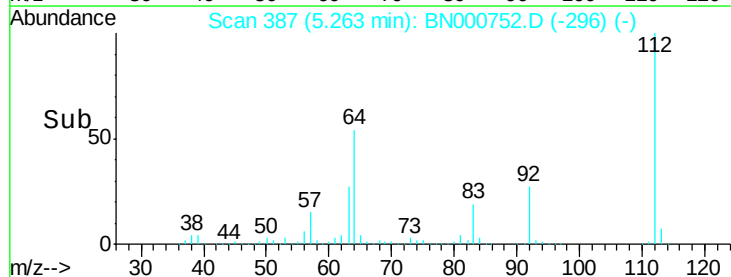
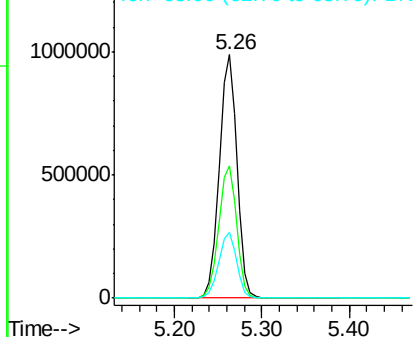
#5

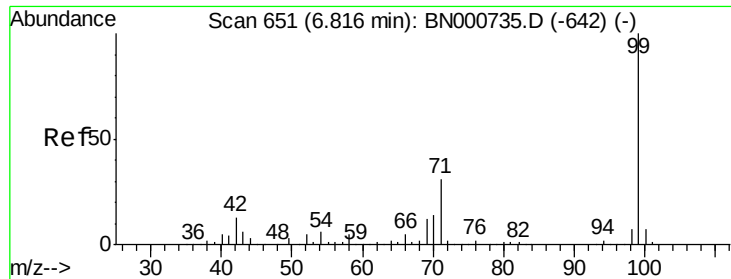
2-Fluorophenol
Concen: 129.058 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.01 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion:112 Resp: 1385620
Ion Ratio Lower Upper
112 100
64 54.2 56.3 84.5#
63 27.0 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: 123.727 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

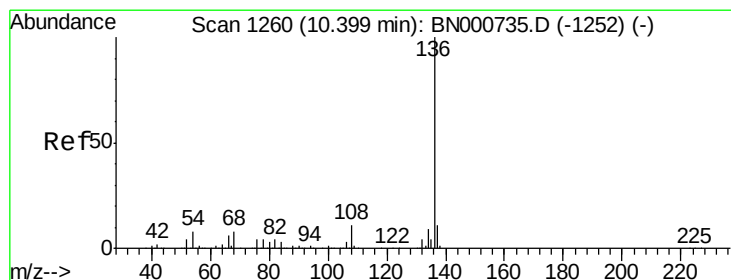
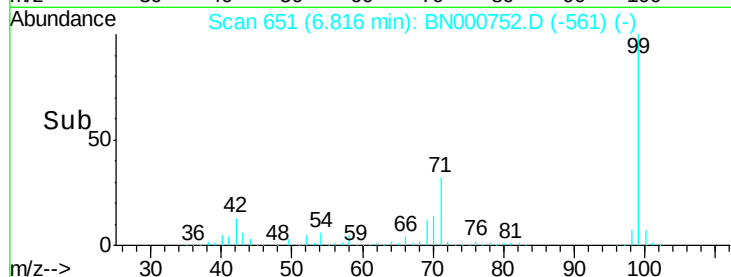
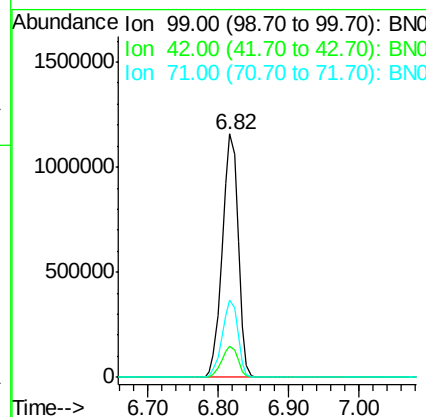
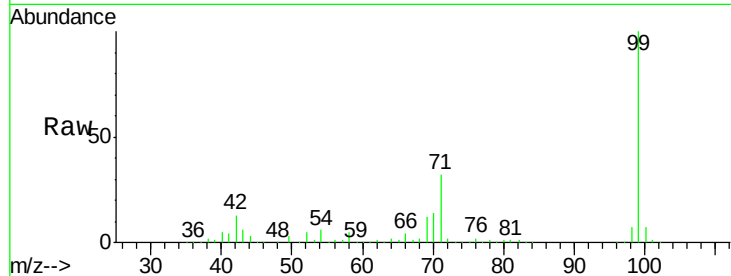
BNA_N

ClientSampleId :

PB108327BL

Tot Ion: 99 Resp: 1810230

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	31.9	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

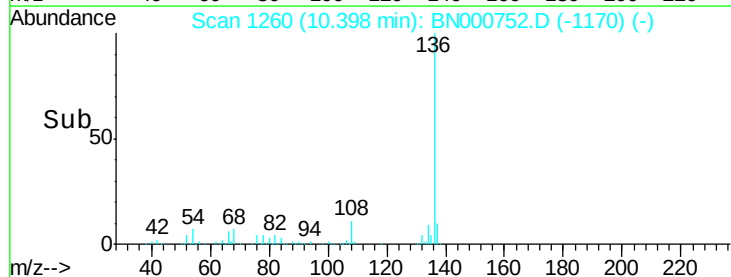
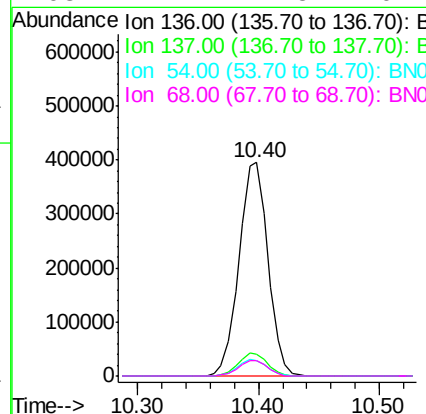
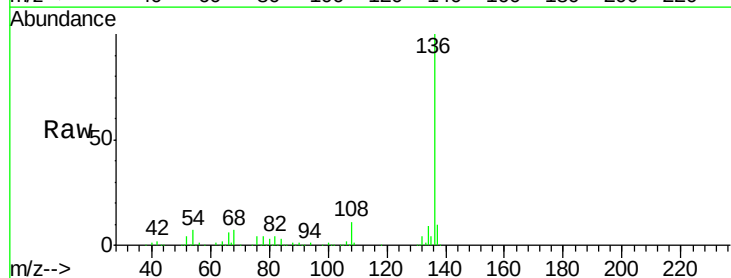
Delta R.T. -0.00 min

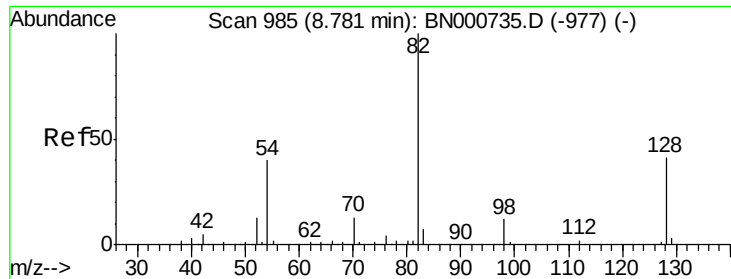
Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Tgt Ion: 136 Resp: 660677

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.4	10.3	15.5#
68	7.2	4.5	6.7#

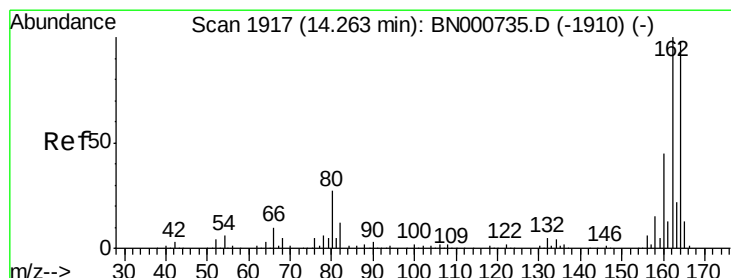
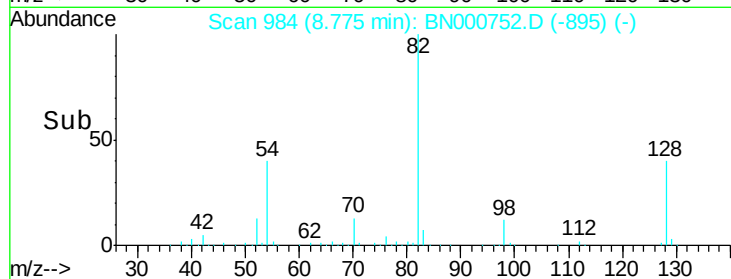
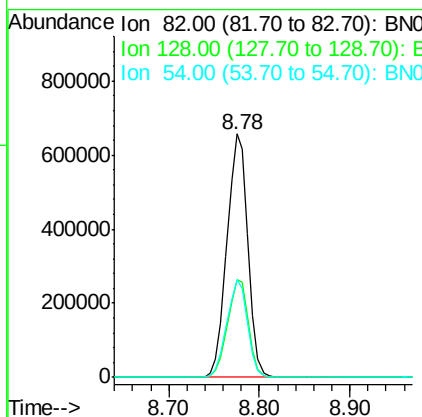
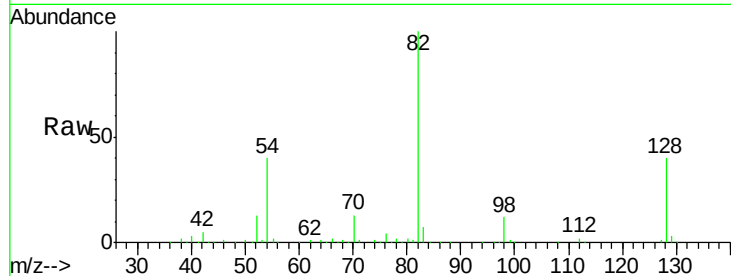




#23
 Nitrobenzene-d5
 Concen: 82.823 ng
 RT: 8.78 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

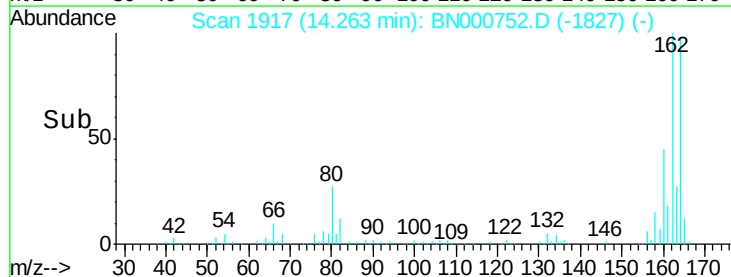
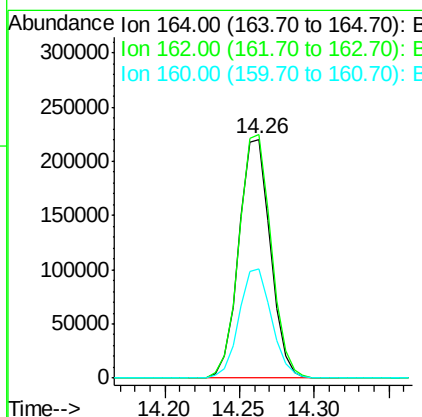
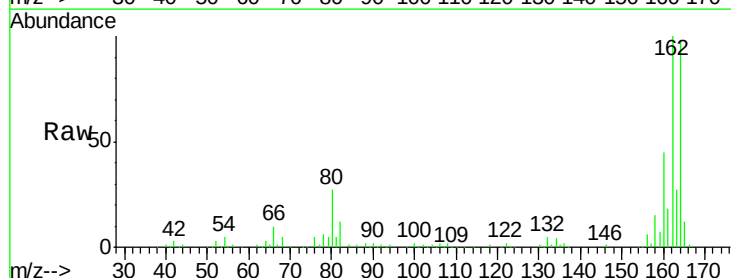
Instrument :
 BNA_N
 ClientSampleId :
 PB108327BL

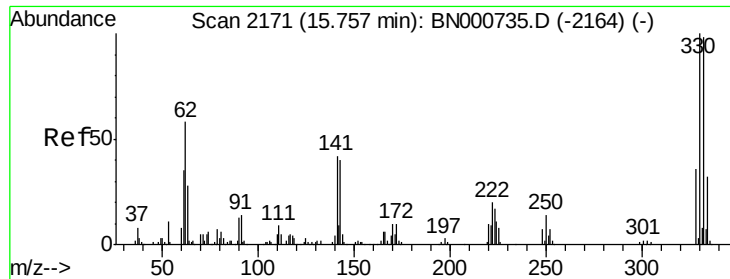
Tot Ion: 82 Resp: 1049657
 Ion Ratio Lower Upper
 82 100
 128 40.4 29.7 44.5
 54 39.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion:164 Resp: 322993
 Ion Ratio Lower Upper
 164 100
 162 101.9 78.8 118.2
 160 45.8 35.4 53.0

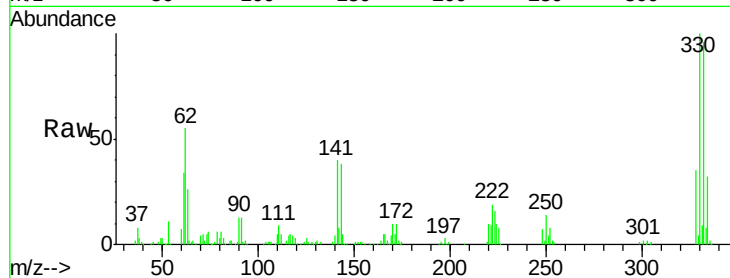




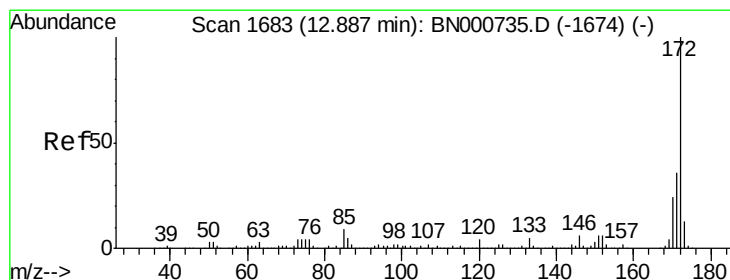
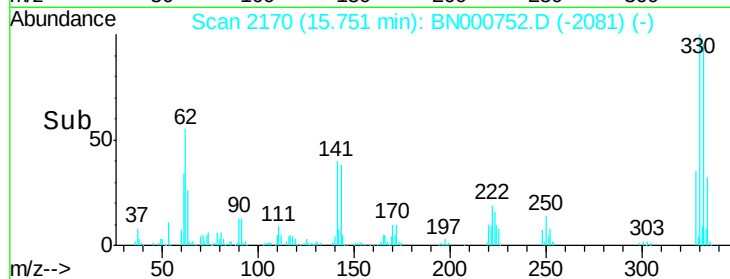
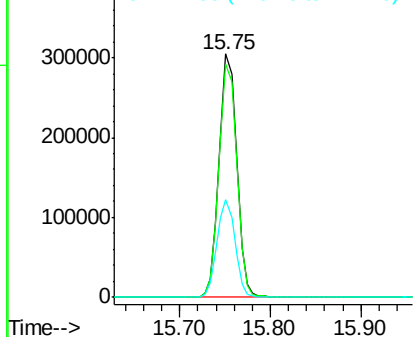
#41
 2,4,6-Tribromophenol
 Concen: 126.844 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Instrument :
 BNA_N
 ClientSampleId :
 PB108327BL

Tot Ion:330 Resp: 412447
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 40.8 25.2 37.8#

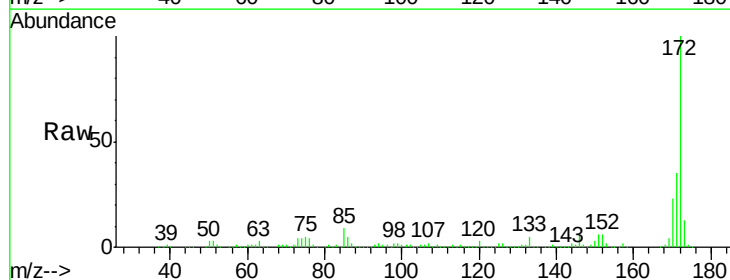


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

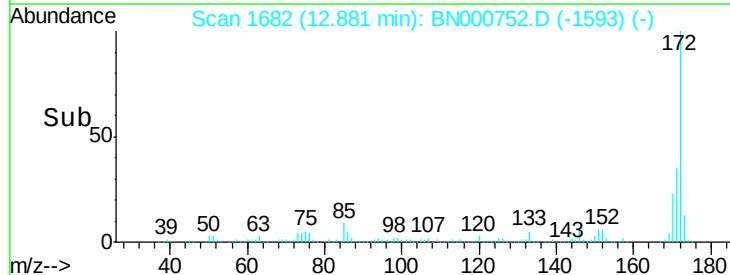
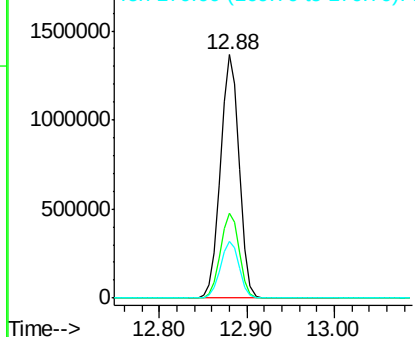


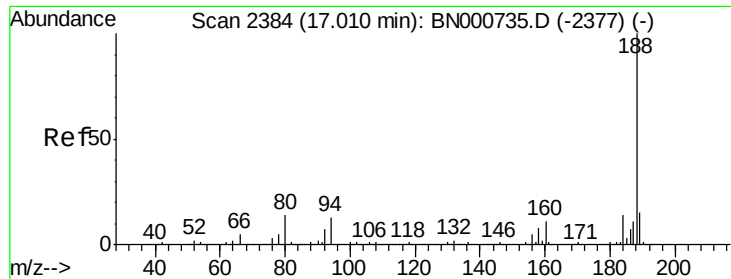
#44
 2-Fluorobiphenyl
 Concen: 86.649 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000752.D
 Acq: 18 Apr 2018 22:33

Tgt Ion:172 Resp: 2027375
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.2 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

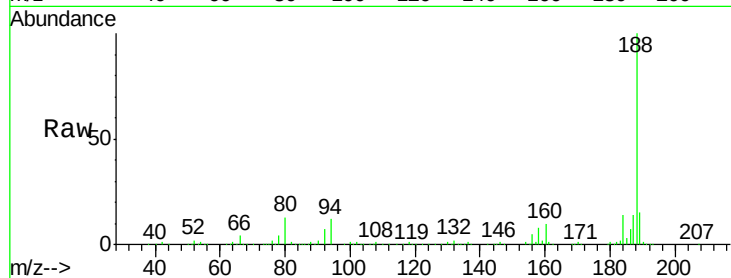




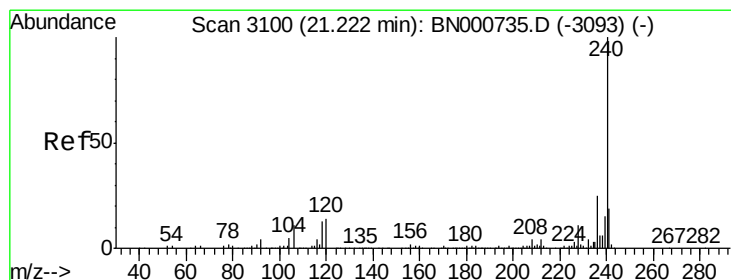
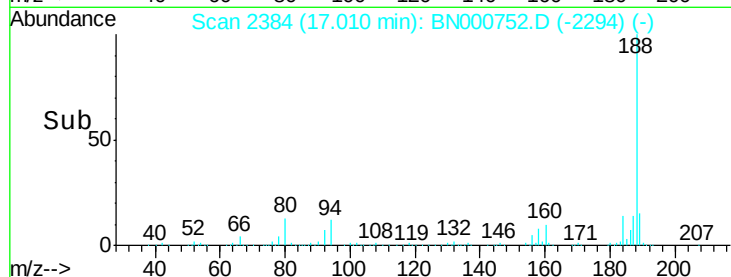
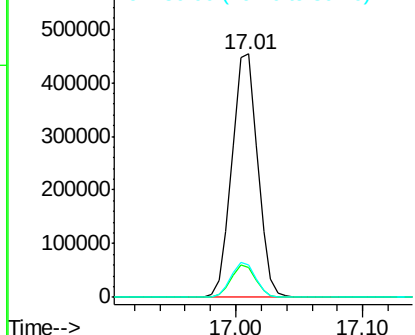
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Instrument :
BNA_N
ClientSampleId :
PB108327BL

Tot Ion:188 Resp: 632410
Ion Ratio Lower Upper
188 100
94 12.1 6.9 10.3#
80 13.4 7.7 11.5#

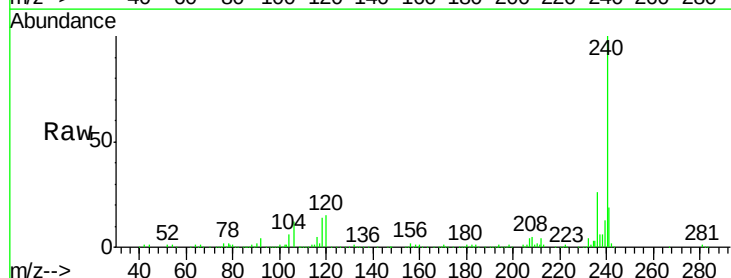


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

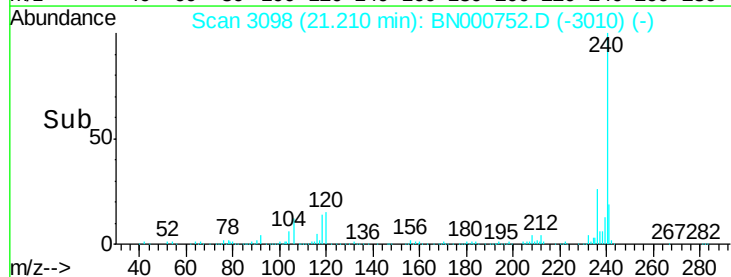
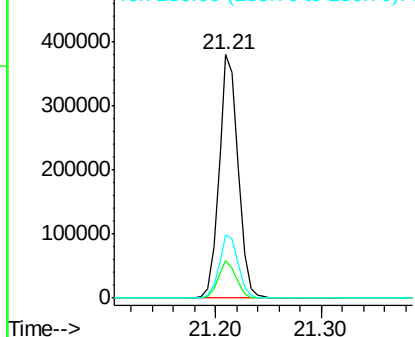


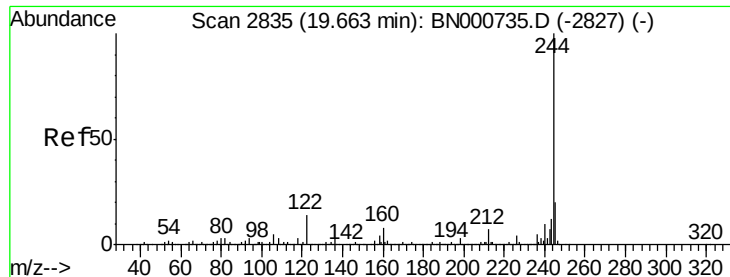
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN000752.D
Acq: 18 Apr 2018 22:33

Tgt Ion:240 Resp: 477807
Ion Ratio Lower Upper
240 100
120 15.2 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: 92.330 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

Instrument :

BNA_N

ClientSampleId :

PB108327BL

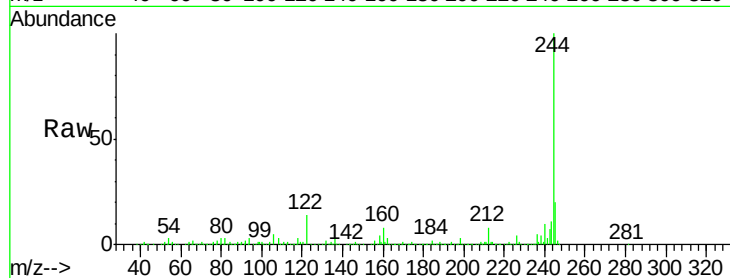
Tot Ion:244 Resp: 2046070

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

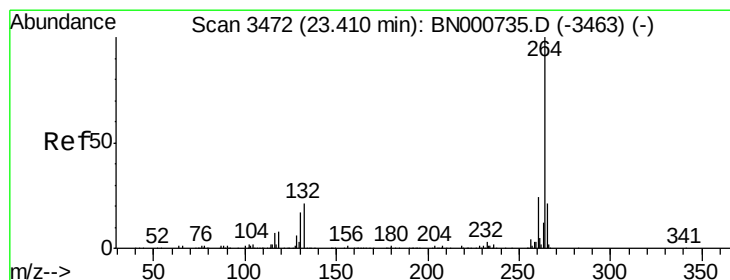
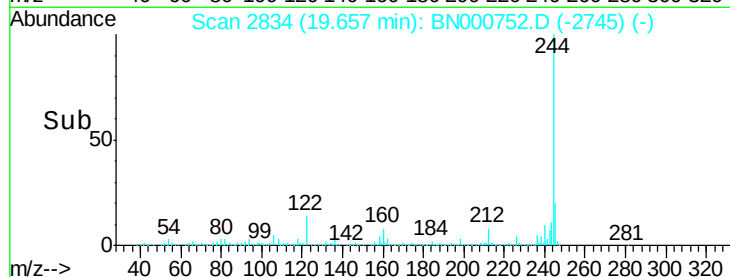
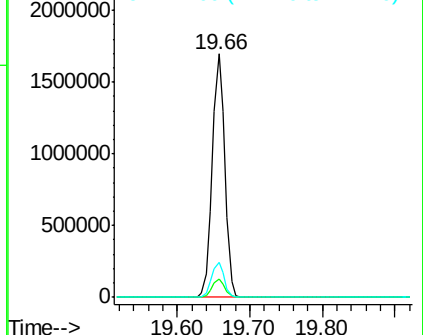
122 14.2 7.0 10.4#



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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BN000752.D

Acq: 18 Apr 2018 22:33

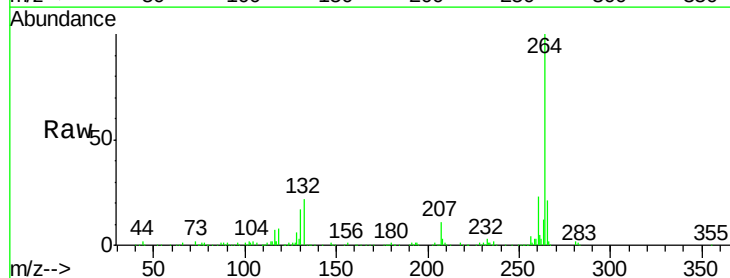
Tgt Ion:264 Resp: 438624

Ion Ratio Lower Upper

264 100

260 23.3 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

