

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000719.D
 Acq On : 09 Apr 2018 20:52
 Operator : JU/SJ
 Sample : J2268-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MH-33

Quant Time: Apr 10 05:07:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

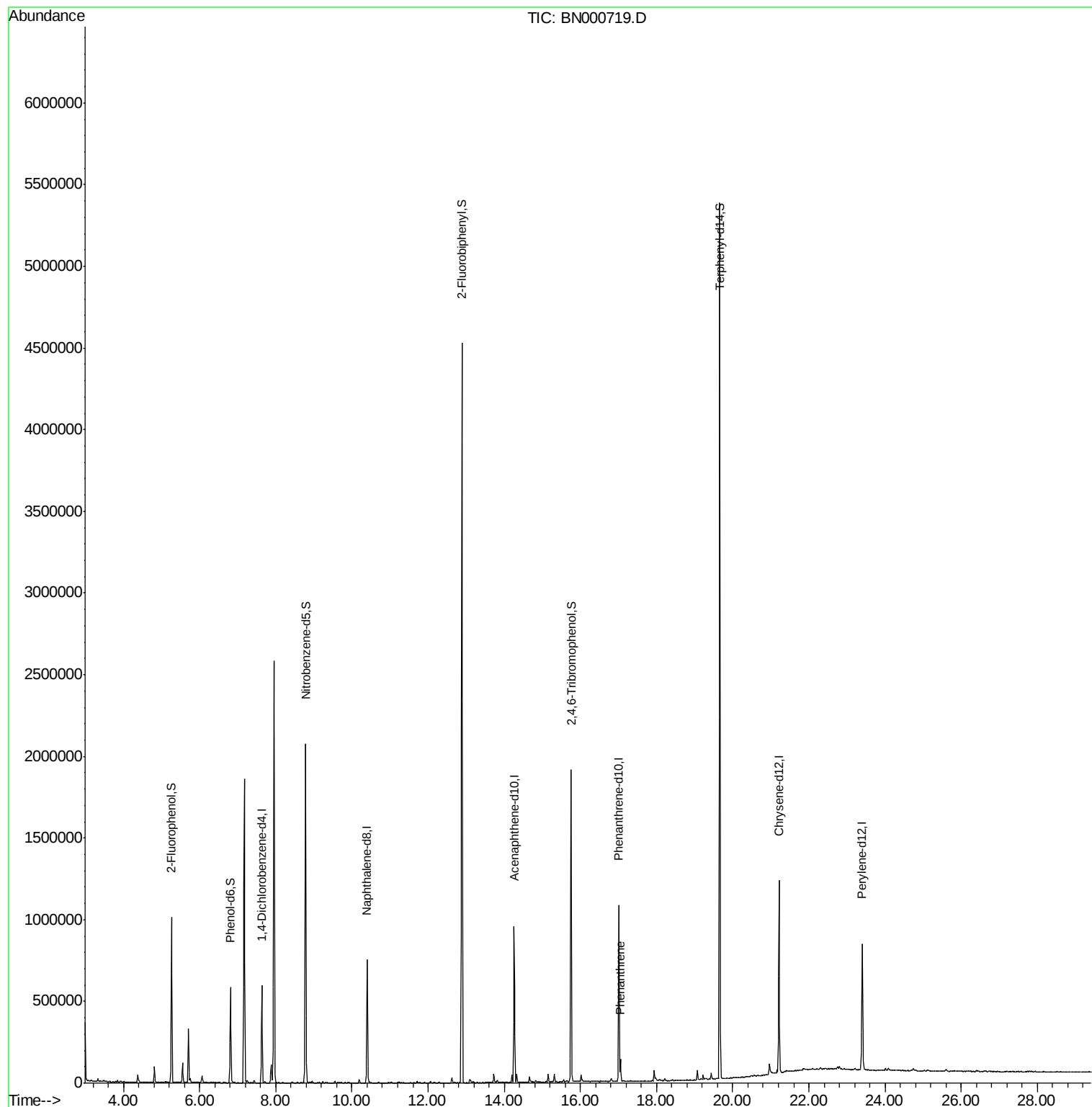
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	144657	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	598976	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	293065	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	561785	20.00	ng	0.00
75) Chrysene-d12	21.22	240	475486	20.00	ng	0.00
86) Perylene-d12	23.40	264	474332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	432707	44.17	ng	0.00
7) Phenol-d6	6.81	99	340181	25.51	ng	0.00
23) Nitrobenzene-d5	8.78	82	1241676	109.70	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	293082	101.72	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2208076	103.84	ng	0.00
78) Terphenyl-d14	19.66	244	2228163	102.36	ng	0.00
Target Compounds						
70) Phenanthrene	17.05	178	70850	2.170	ng	Qvalue 100

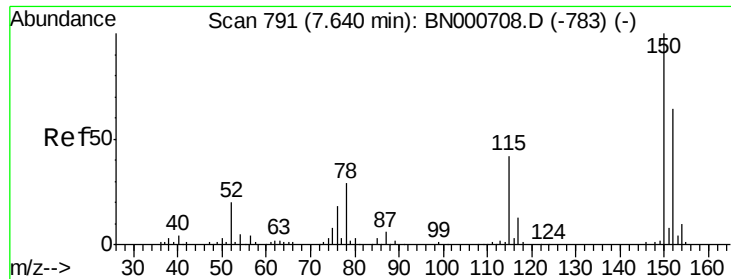
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000719.D
Acq On : 09 Apr 2018 20:52
Operator : JU/SJ
Sample : J2268-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MH-33

Quant Time: Apr 10 05:07:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration



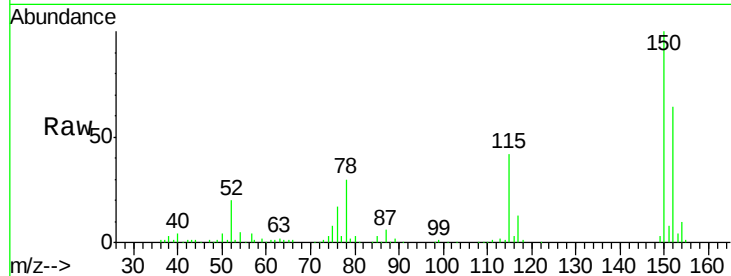


#1

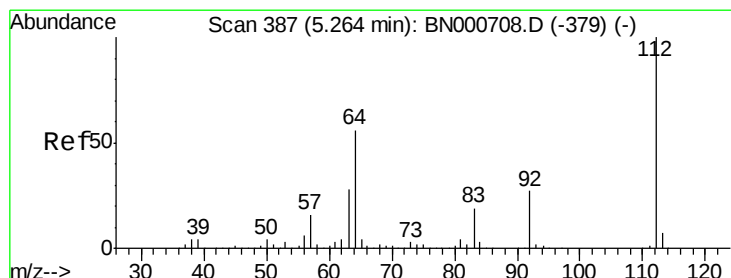
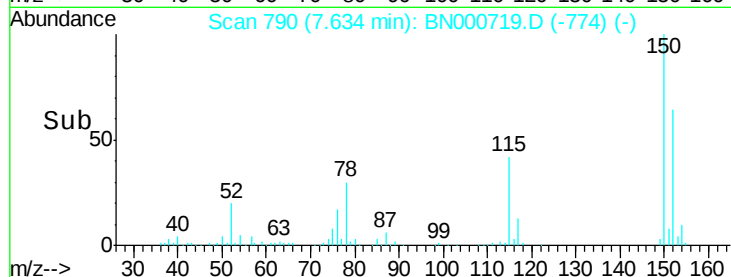
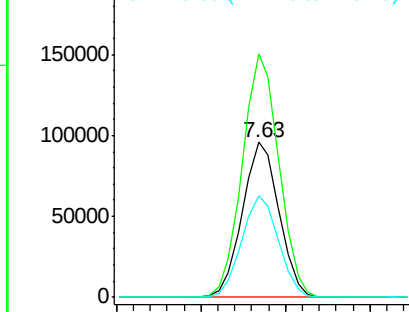
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :
 MH-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	65.9	53.0	79.4



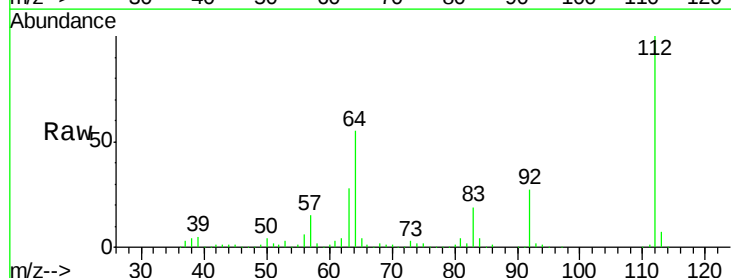
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



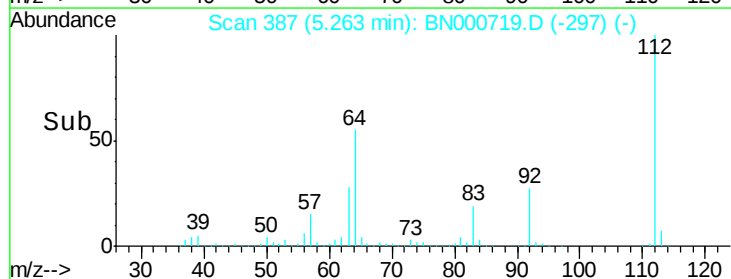
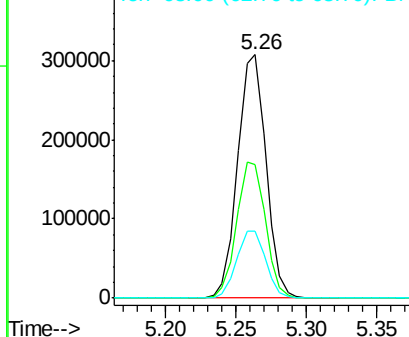
#5

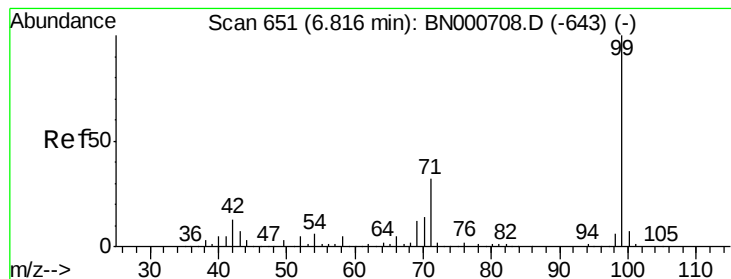
2-Fluorophenol
 Concen: 44.167 ng
 RT: 5.26 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	56.3	84.5#
63	27.6	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: 25.506 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampleId :

MH-33

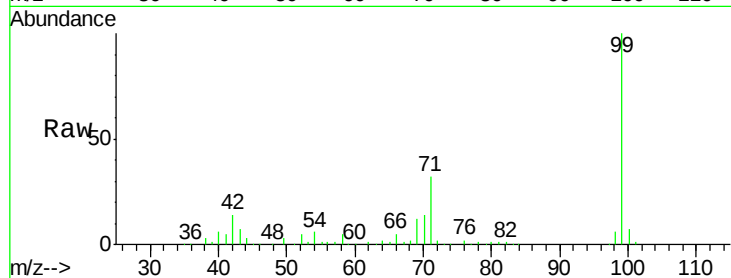
Tot Ion: 99 Resp: 340181

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

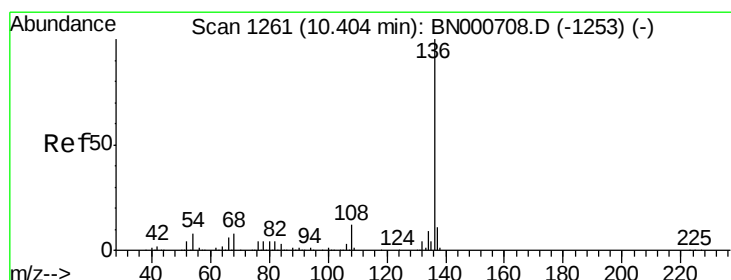
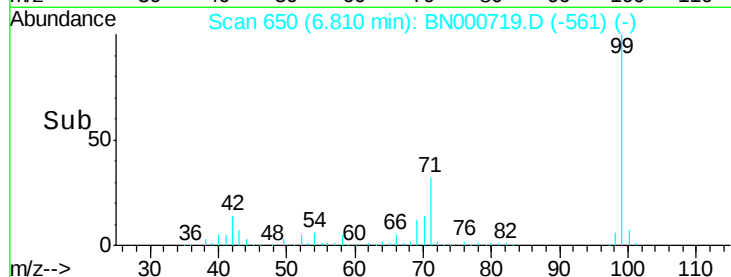
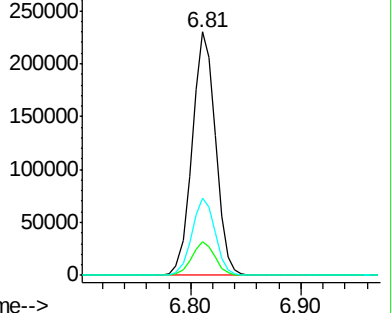
71 31.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000708.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BN000708.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BN000708.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Tgt Ion: 136 Resp: 598976

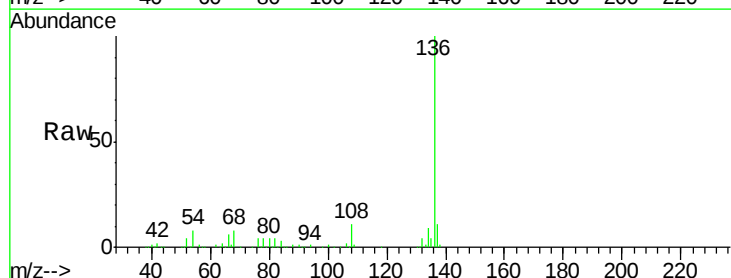
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.0 10.3 15.5#

68 7.9 4.5 6.7#

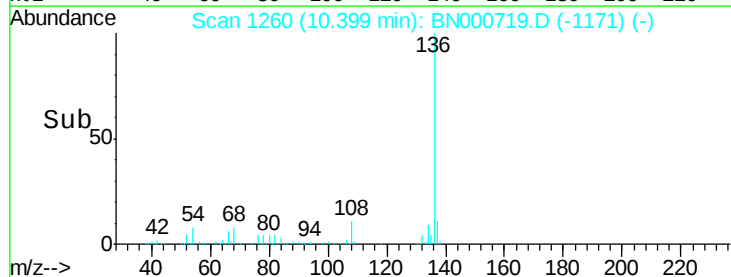
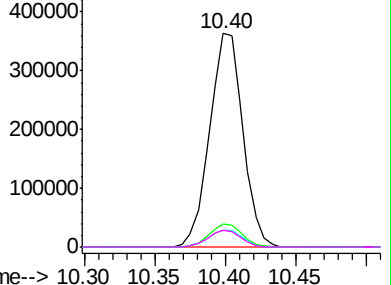


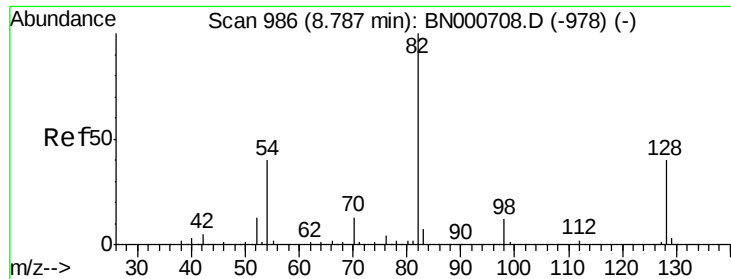
Abundance Ion 136.00 (135.70 to 136.70): BN000708.D (-1253) (-)

Ion 137.00 (136.70 to 137.70): BN000708.D (-1253) (-)

Ion 54.00 (53.70 to 54.70): BN000708.D (-1253) (-)

Ion 68.00 (67.70 to 68.70): BN000708.D (-1253) (-)

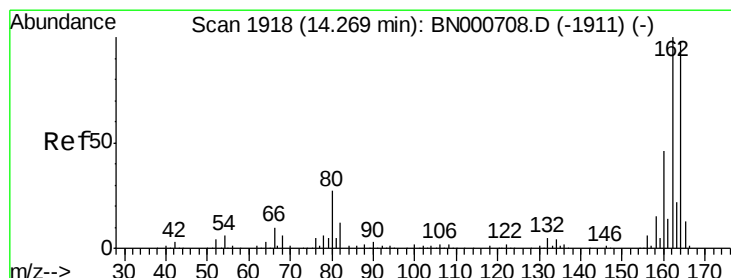
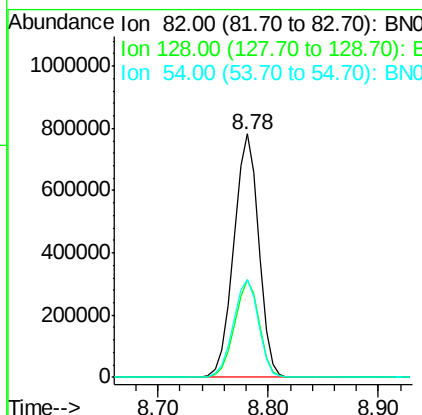
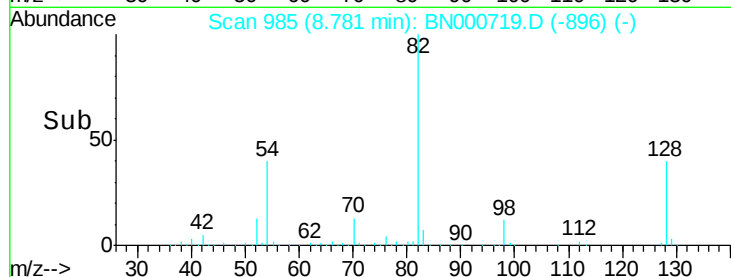
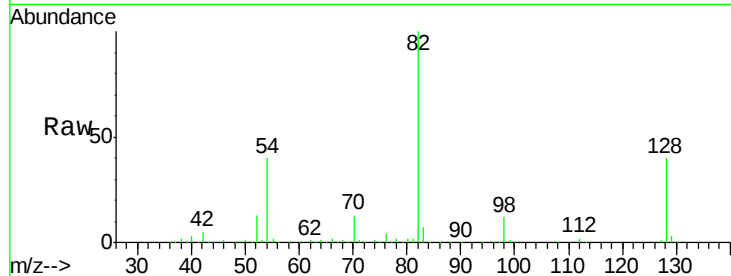




#23
 Nitrobenzene-d5
 Concen: 109.699 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

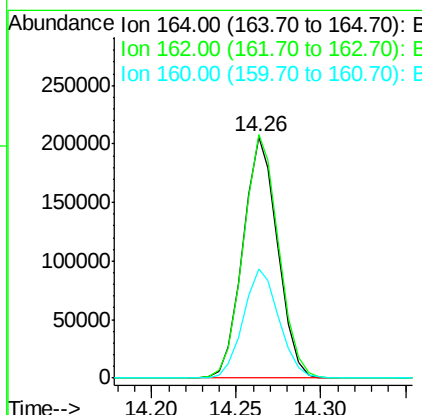
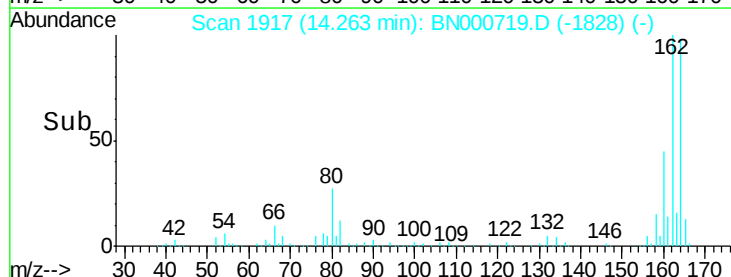
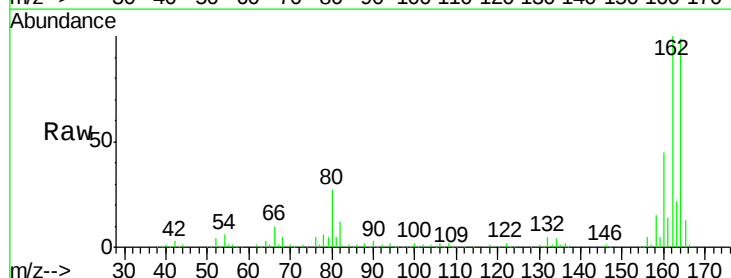
Instrument :
 BNA_N
 ClientSampled :
 MH-33

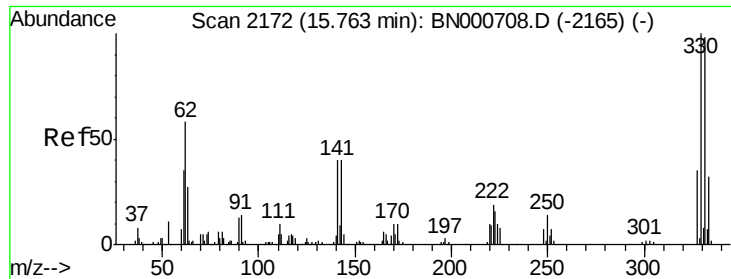
Tot Ion: 82 Resp: 1241676
 Ion Ratio Lower Upper
 82 100
 128 40.2 29.7 44.5
 54 39.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:164 Resp: 293065
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 45.5 35.4 53.0

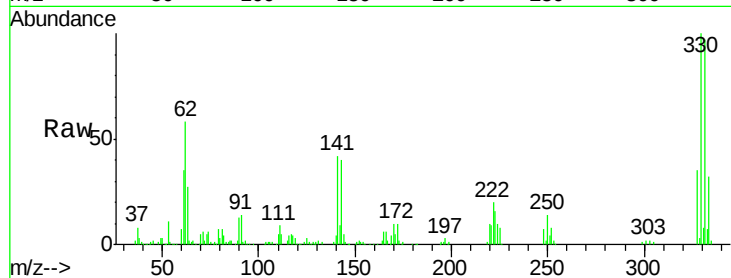




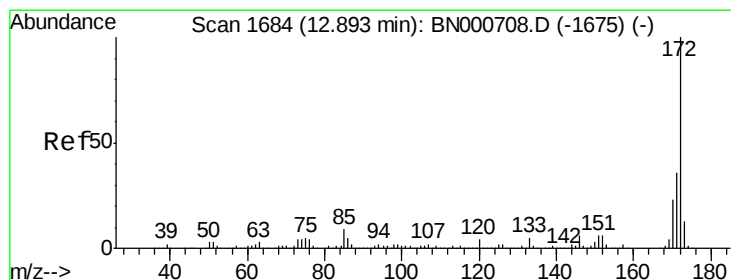
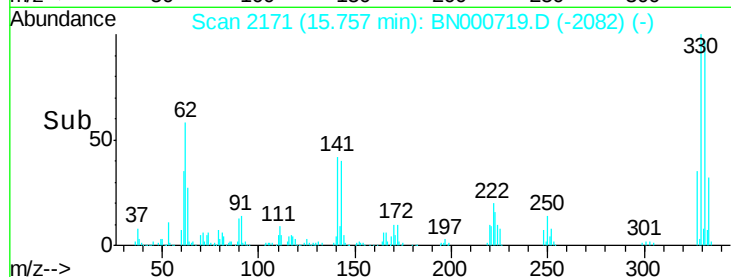
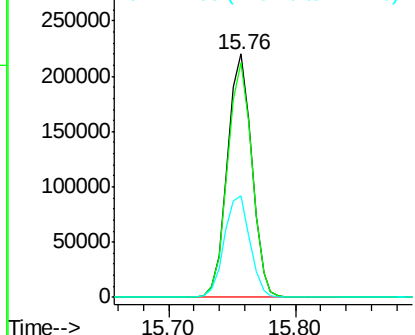
#41
 2,4,6-Tribromophenol
 Concen: 101.716 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampled :
 MH-33

Tot Ion:330 Resp: 293082
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 43.9 25.2 37.8#

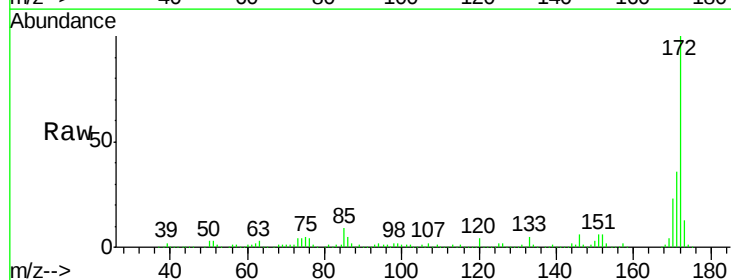


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

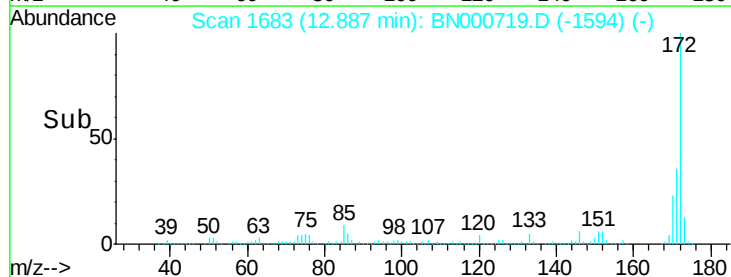
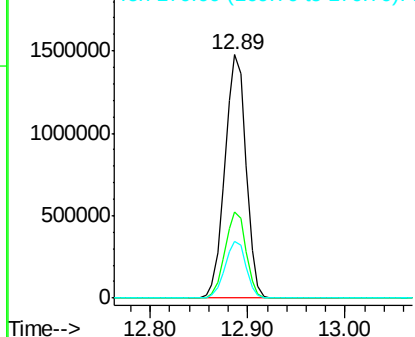


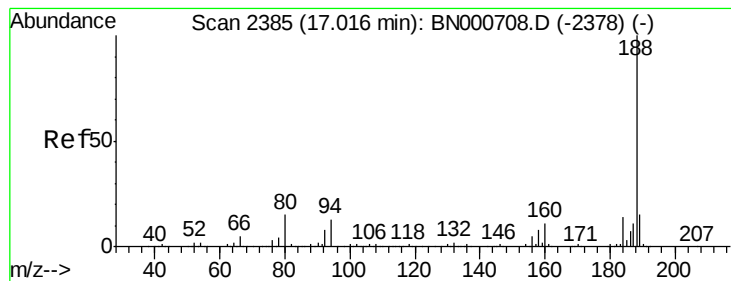
#44
 2-Fluorobiphenyl
 Concen: 103.843 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Tgt Ion:172 Resp: 2208076
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.5 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. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

MH-33

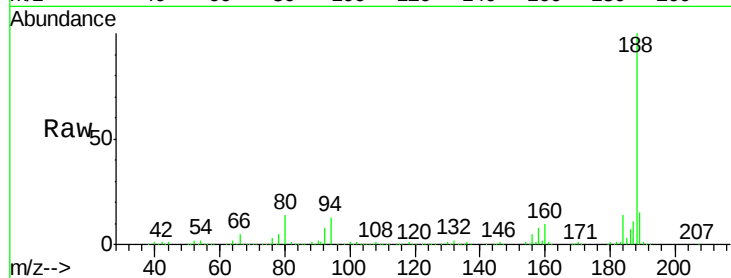
Tot Ion:188 Resp: 561785

Ion Ratio Lower Upper

188 100

94 13.5 6.9 10.3#

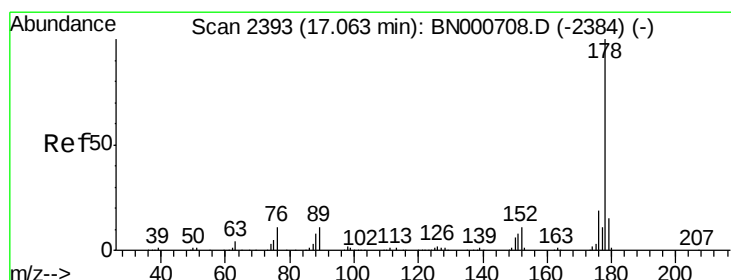
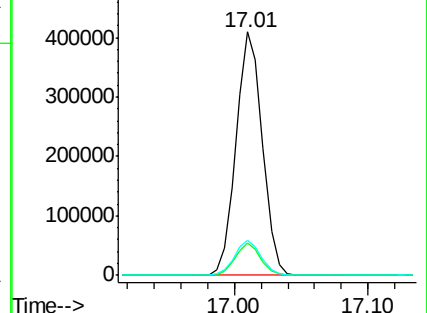
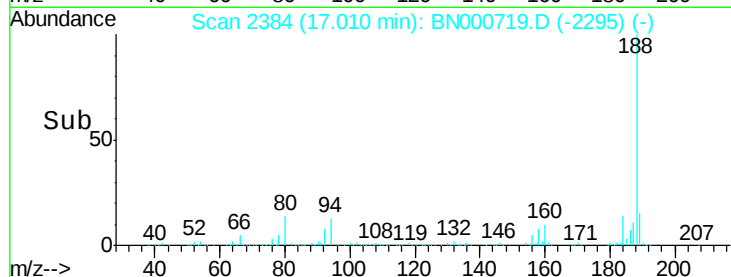
80 14.5 7.7 11.5#



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



#70

Phenanthrene

Concen: 2.170 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

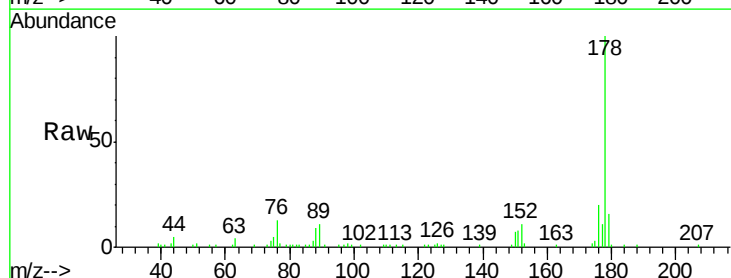
Tgt Ion:178 Resp: 70850

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

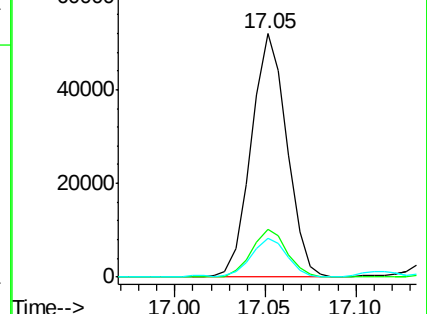
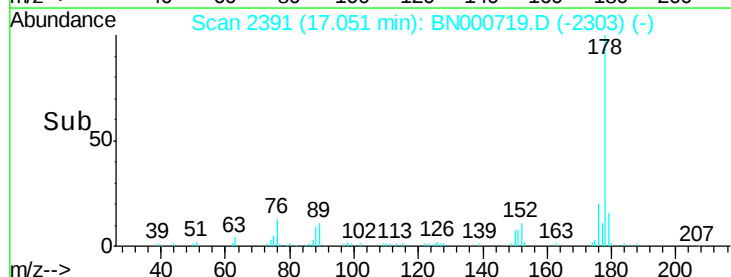
179 15.8 12.5 18.7

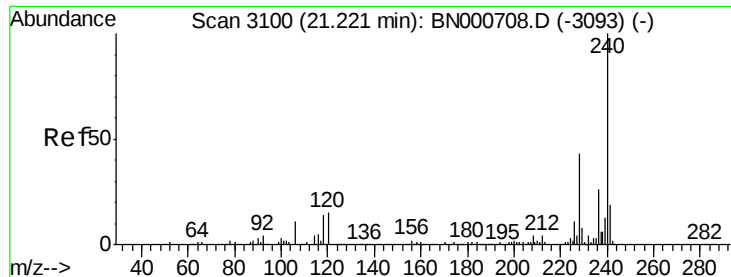


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

Instrument :

BNA_N

ClientSampled :

MH-33

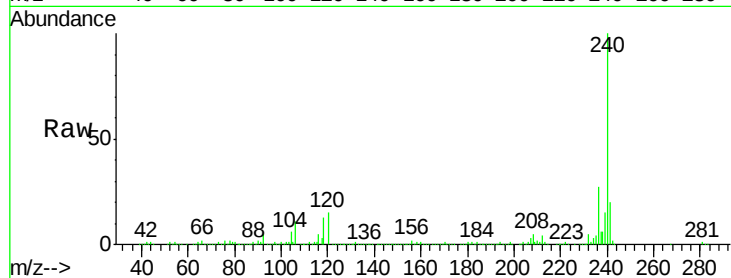
Tot Ion:240 Resp: 475486

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

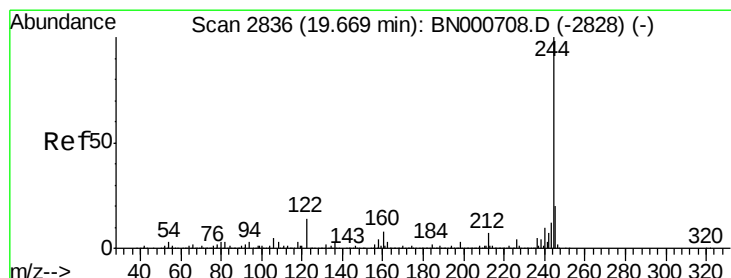
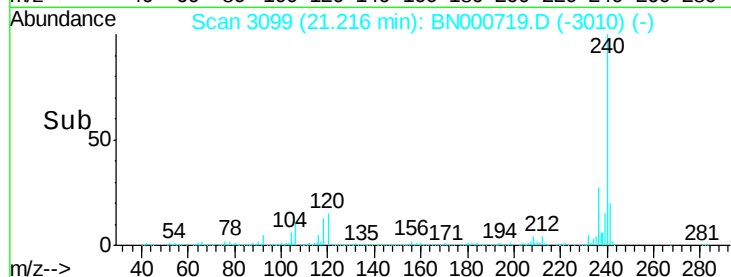
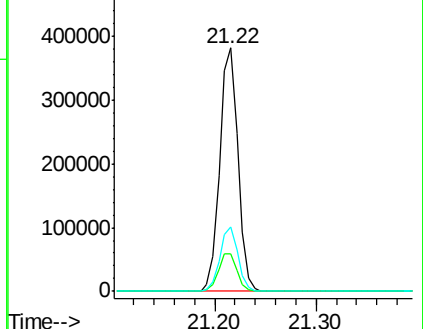
236 26.6 20.9 31.3



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: 102.355 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000719.D

Acq: 09 Apr 2018 20:52

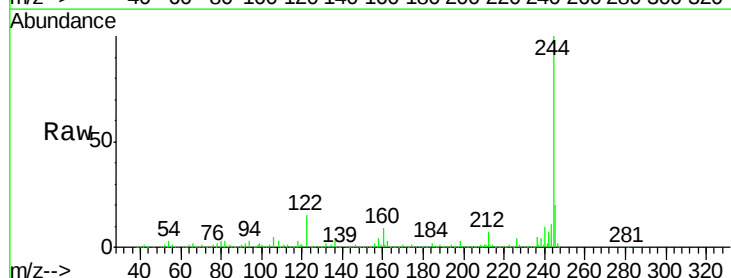
Tgt Ion:244 Resp: 2228163

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

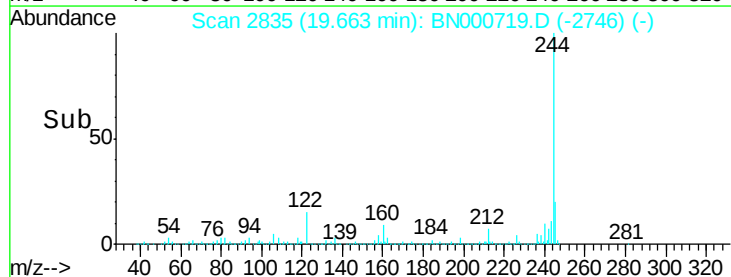
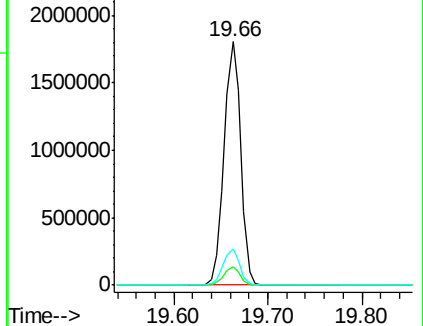
122 15.0 7.0 10.4#

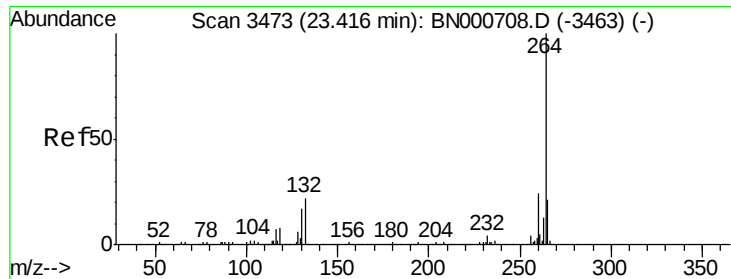


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BN000719.D
 Acq: 09 Apr 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :
 MH-33

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

