

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000717.D
 Acq On : 09 Apr 2018 19:43
 Operator : JU/SJ
 Sample : PB108094BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB108094BL

Quant Time: Apr 10 05:00:13 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	160923	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	680526	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	360512	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	782435	20.00	ng	0.00
75) Chrysene-d12	21.22	240	709302	20.00	ng	0.00
86) Perylene-d12	23.41	264	677296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	947232	86.91	ng	0.00
7) Phenol-d6	6.82	99	1265466	85.29	ng	0.00
23) Nitrobenzene-d5	8.78	82	1057956	82.27	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	297818	84.02	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2109154	80.63	ng	0.00
78) Terphenyl-d14	19.66	244	2772472	85.38	ng	0.00

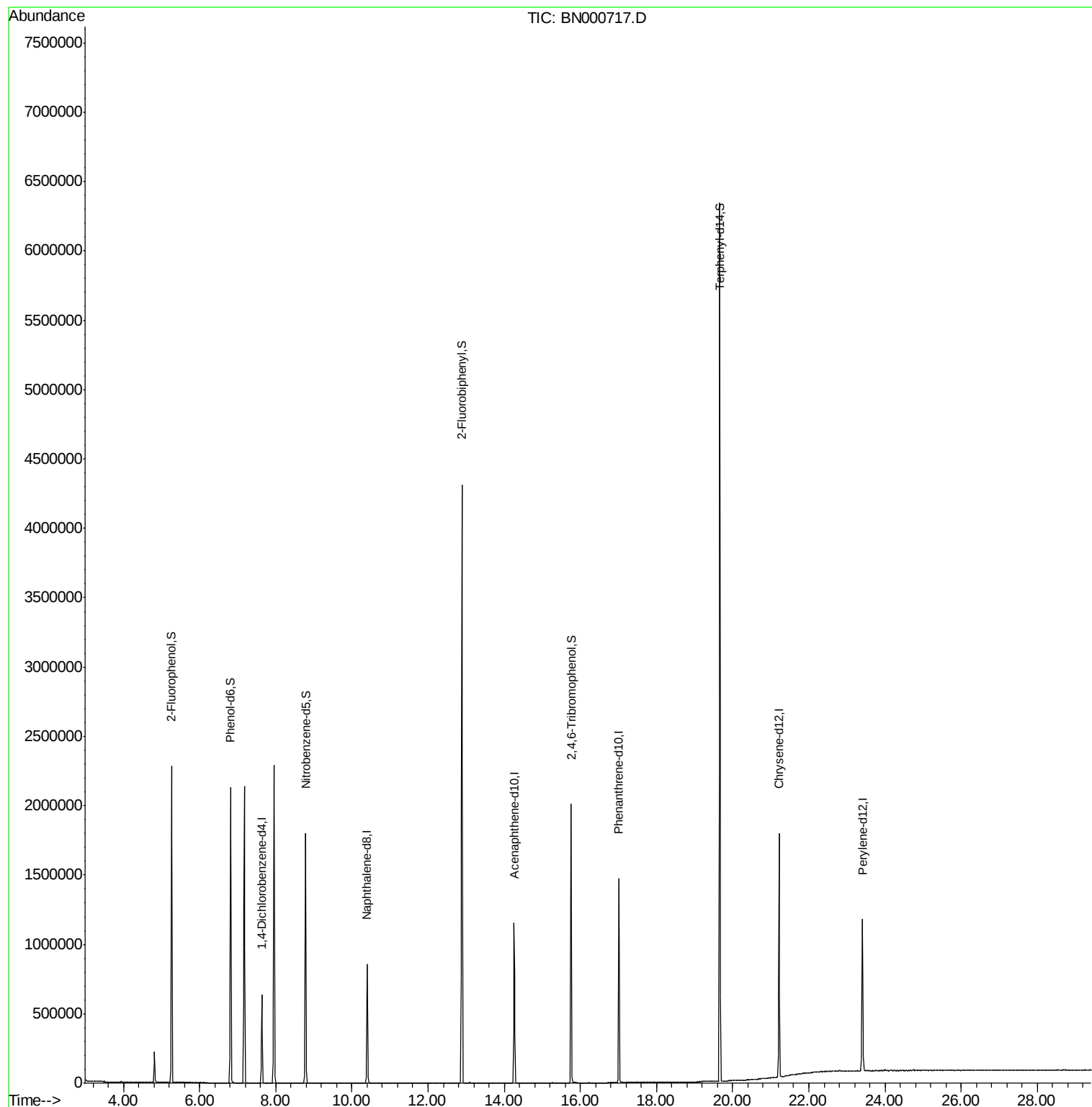
Target Compounds Qvalue

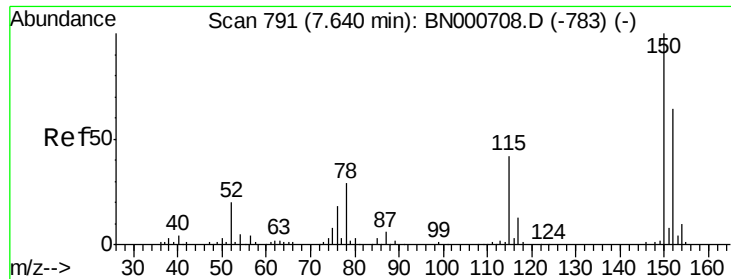
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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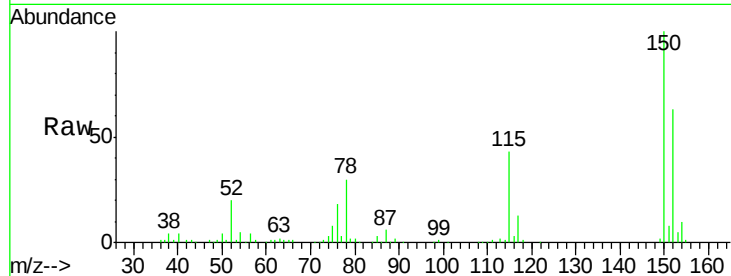


#1

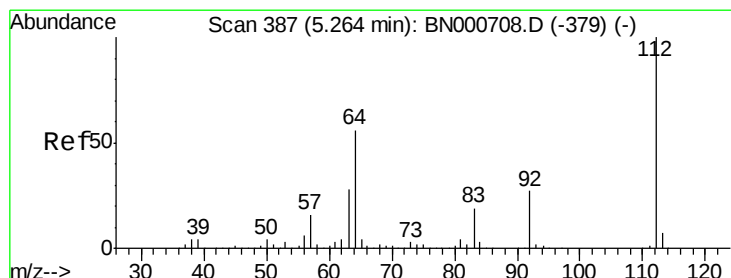
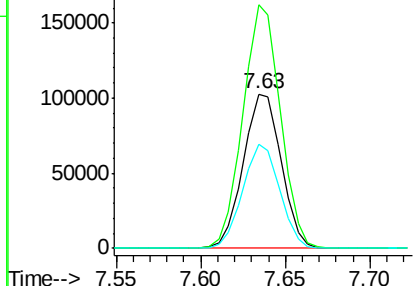
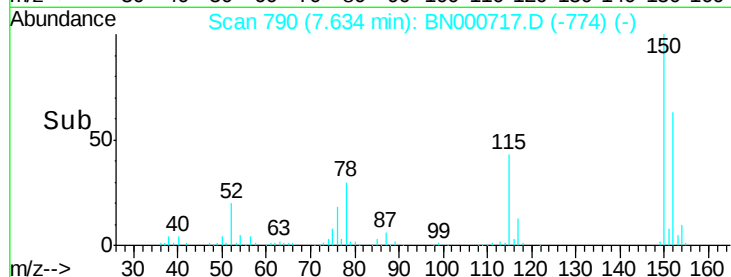
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BN000717.D
 Acq: 09 Apr 2018 19:43

Instrument :
 BNA_N
 ClientSampleId :
 PB108094BL

Tot Ion:152 Resp: 160923
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 189.8
 115 67.2 53.0 79.4



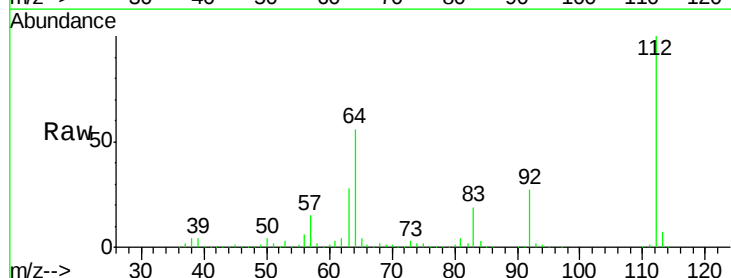
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



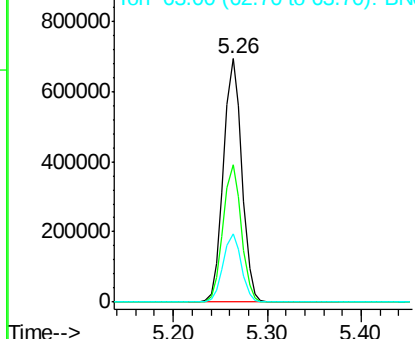
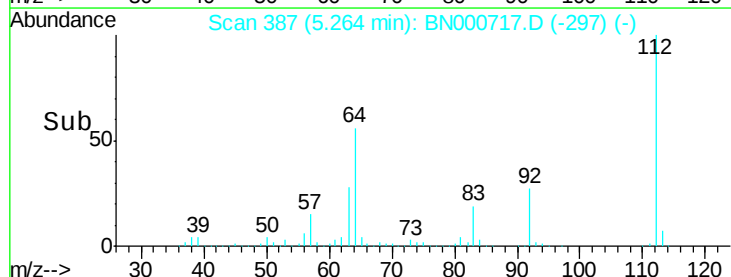
#5

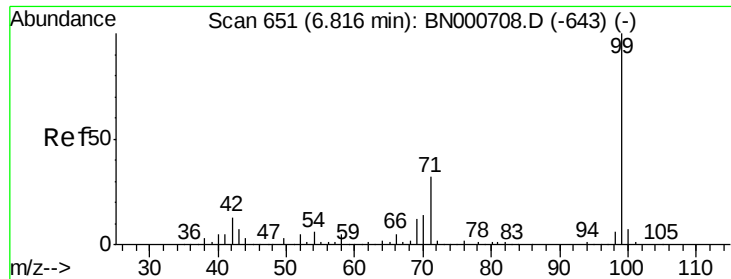
2-Fluorophenol
 Concen: 86.913 ng
 RT: 5.26 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BN000717.D
 Acq: 09 Apr 2018 19:43

Tgt Ion:112 Resp: 947232
 Ion Ratio Lower Upper
 112 100
 64 56.2 56.3 84.5#
 63 28.0 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: 85.292 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

Instrument :

BNA_N

ClientSampleId :

PB108094BL

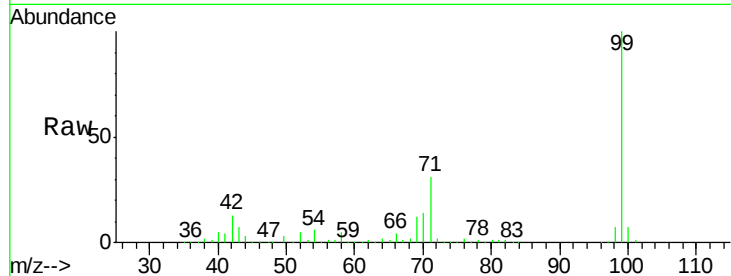
Tot Ion: 99 Resp: 1265466

Ion Ratio Lower Upper

99 100

42 12.8 14.1 21.1#

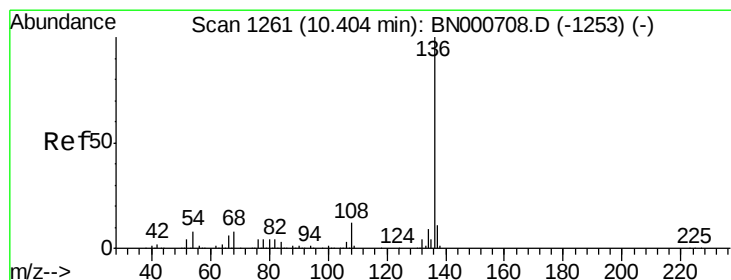
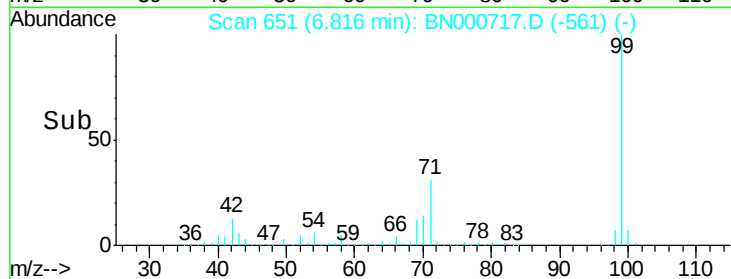
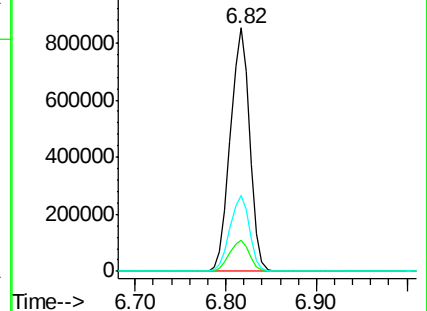
71 31.1 26.1 39.1



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# 1261

Delta R.T. 0.00 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

Tgt Ion: 136 Resp: 680526

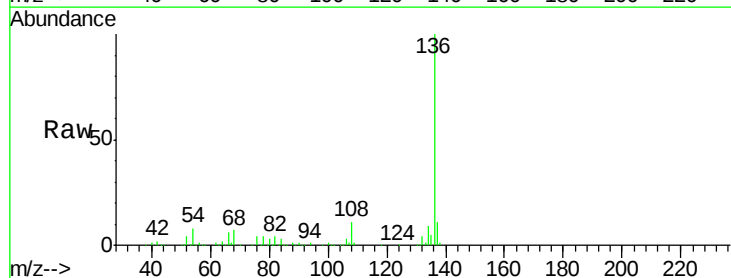
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 7.2 4.5 6.7#

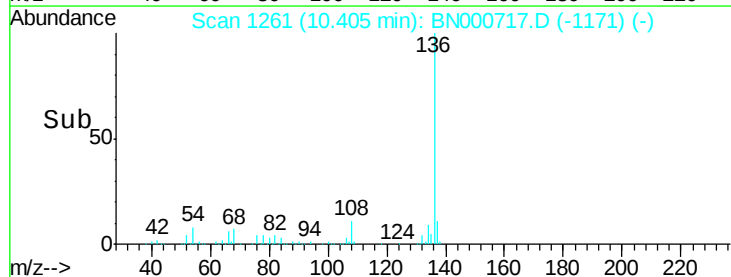
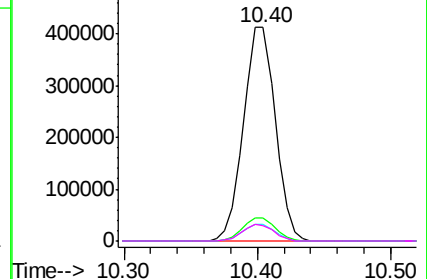


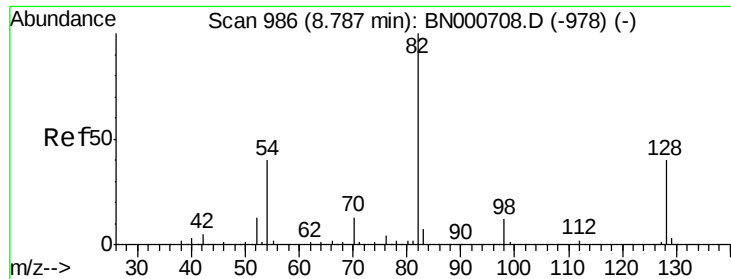
Abundance Ion 136.00 (135.70 to 136.70): BN000708.D (-1253) (-)

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: 82.267 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

Instrument :

BNA_N

ClientSampleId :

PB108094BL

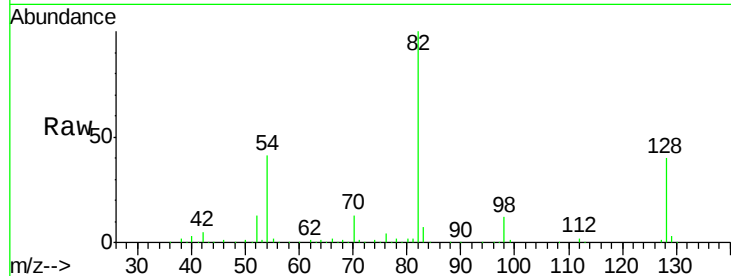
Tot Ion: 82 Resp: 1057956

Ion Ratio Lower Upper

82 100

128 40.0 29.7 44.5

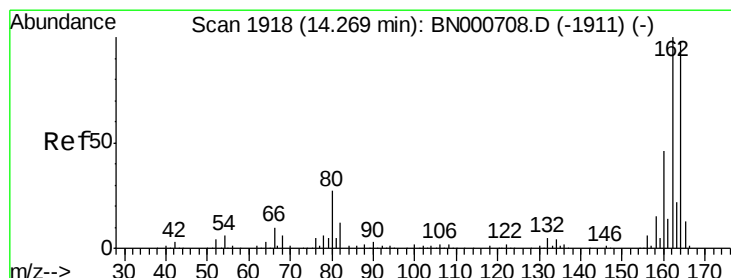
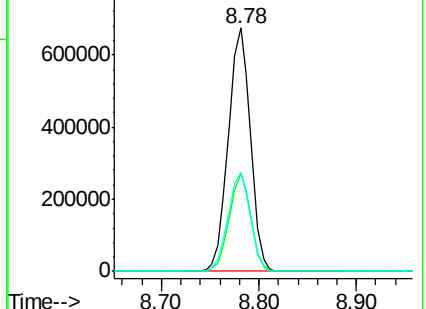
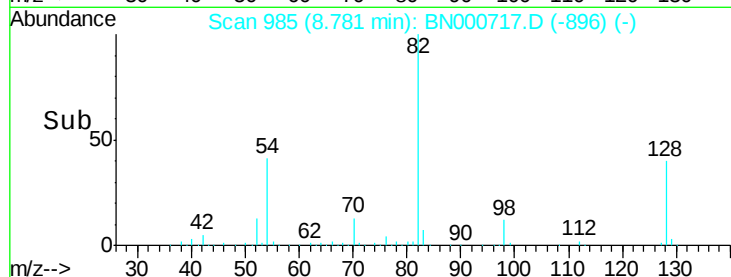
54 40.6 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN000708.D (-978) (-)

Ion 128.00 (127.70 to 128.70): BN000708.D (-978) (-)

Ion 54.00 (53.70 to 54.70): BN000708.D (-978) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

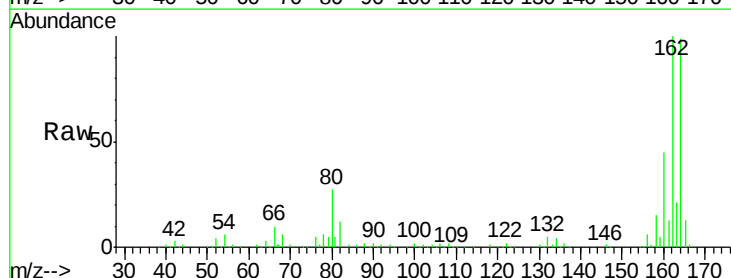
Tgt Ion:164 Resp: 360512

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

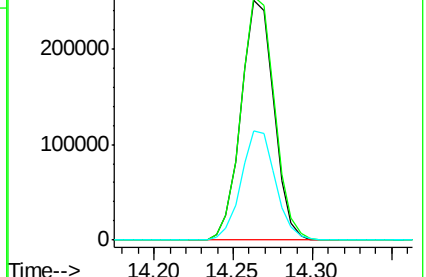
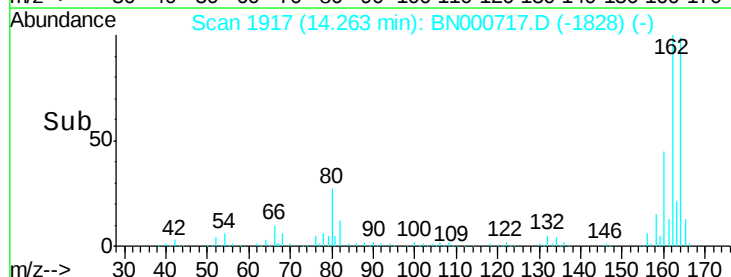
160 45.6 35.4 53.0

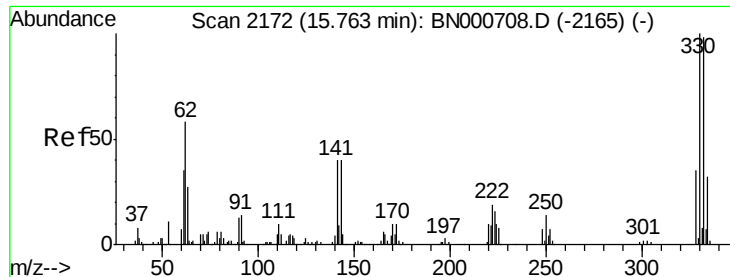


Abundance Ion 164.00 (163.70 to 164.70): BN000708.D (-1911) (-)

Ion 162.00 (161.70 to 162.70): BN000708.D (-1911) (-)

Ion 160.00 (159.70 to 160.70): BN000708.D (-1911) (-)

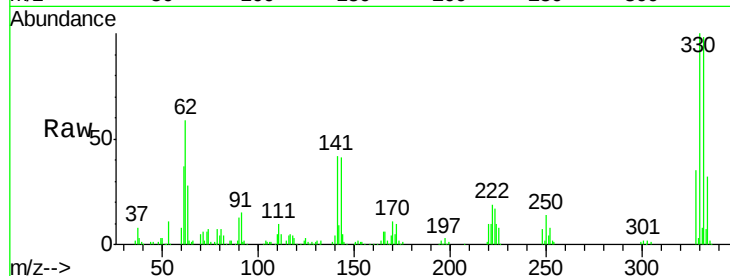




#41
 2,4,6-Tribromophenol
 Concen: 84.023 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN000717.D
 Acq: 09 Apr 2018 19:43

Instrument :
 BNA_N
 ClientSampleId :
 PB108094BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	43.8	25.2	37.8#

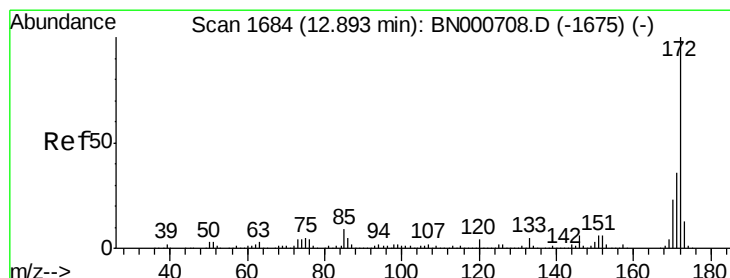
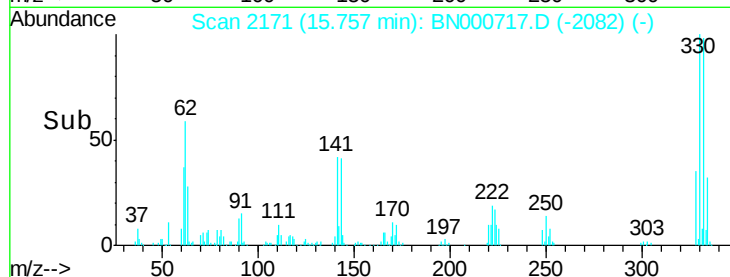
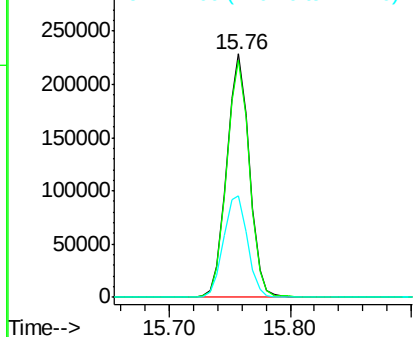


Abundance

Ion 329.80 (329.50 to 330.50): E

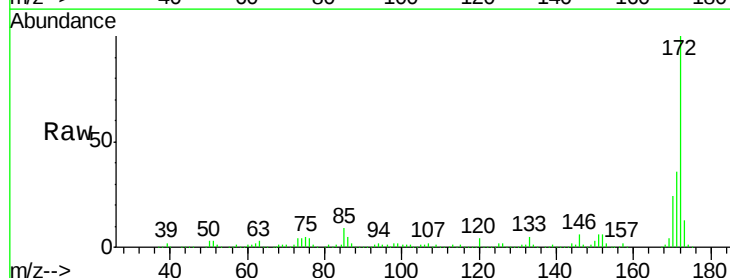
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.633 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BN000717.D
 Acq: 09 Apr 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.6	19.5	29.3

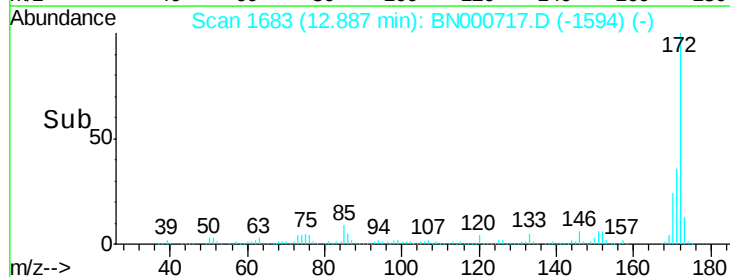
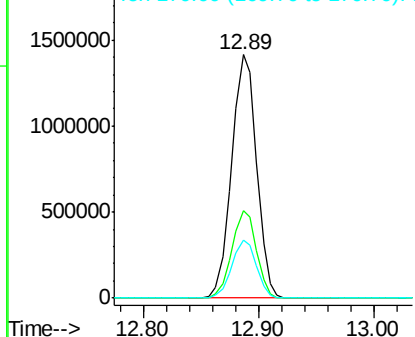


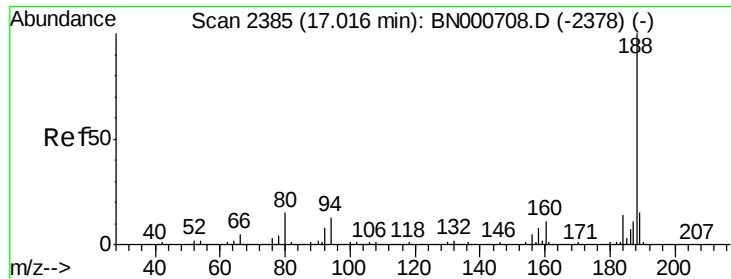
Abundance

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

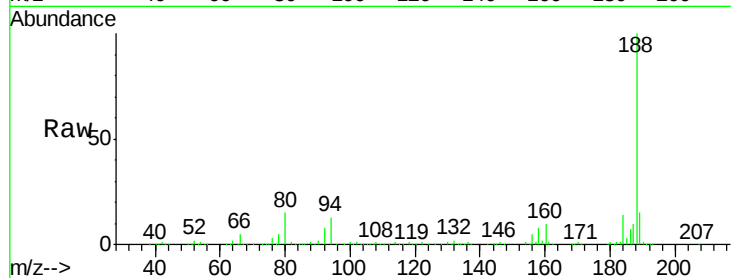




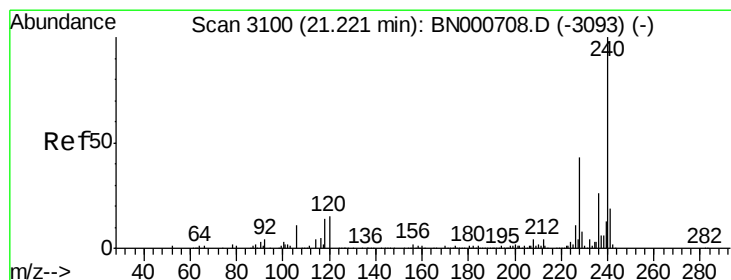
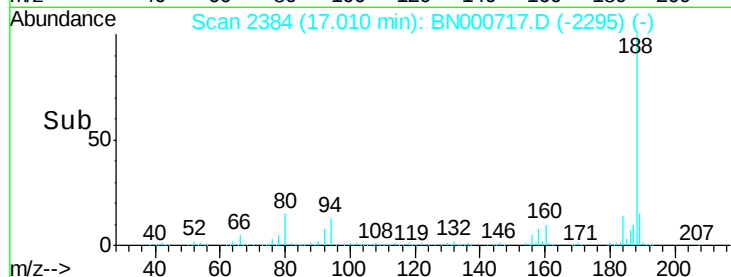
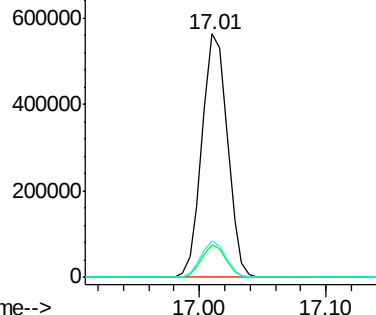
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN000717.D
Acq: 09 Apr 2018 19:43

Instrument :
BNA_N
ClientSampleId :
PB108094BL

Tot Ion:188 Resp: 782435
Ion Ratio Lower Upper
188 100
94 13.3 6.9 10.3#
80 15.0 7.7 11.5#

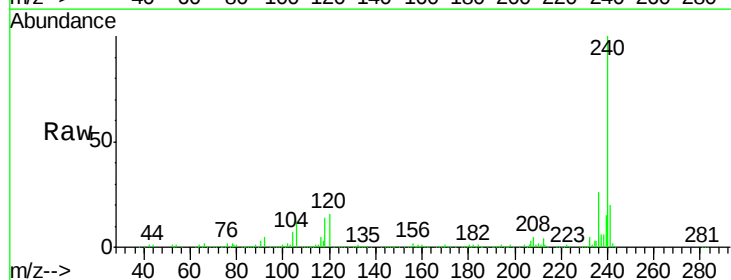


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

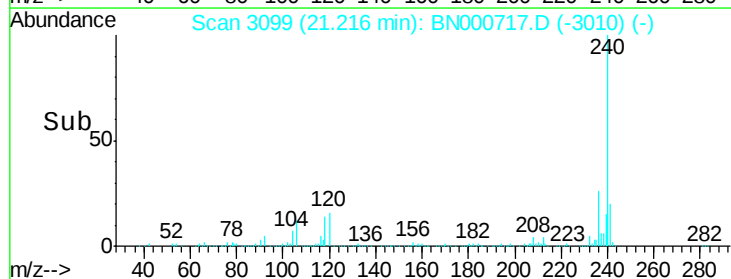
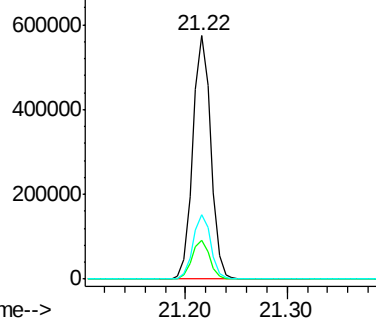


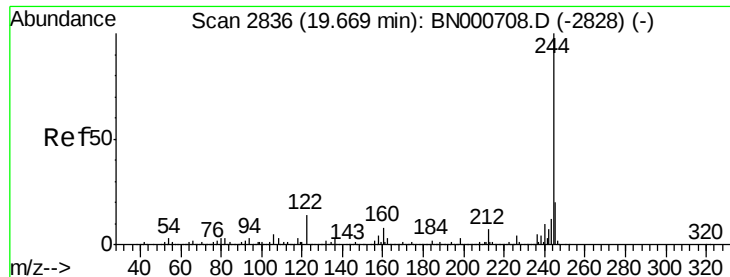
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN000717.D
Acq: 09 Apr 2018 19:43

Tgt Ion:240 Resp: 709302
Ion Ratio Lower Upper
240 100
120 15.8 6.8 10.2#
236 26.4 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: 85.376 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

Instrument :

BNA_N

ClientSampleId :

PB108094BL

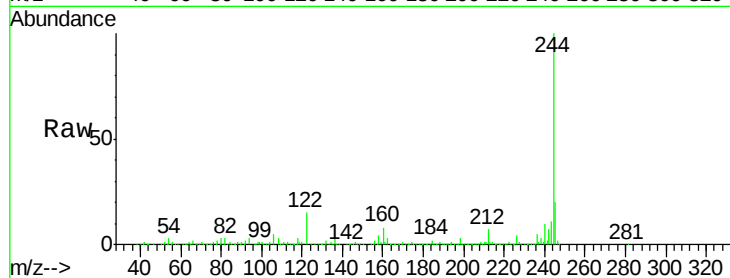
Tot Ion:244 Resp: 2772472

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

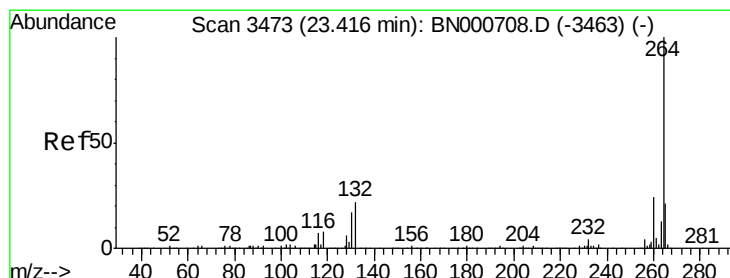
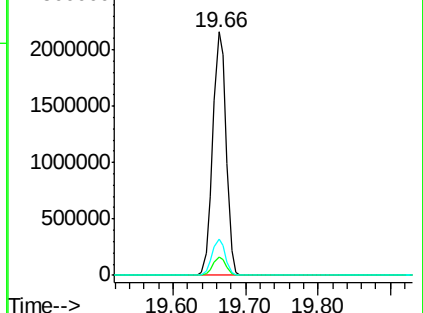
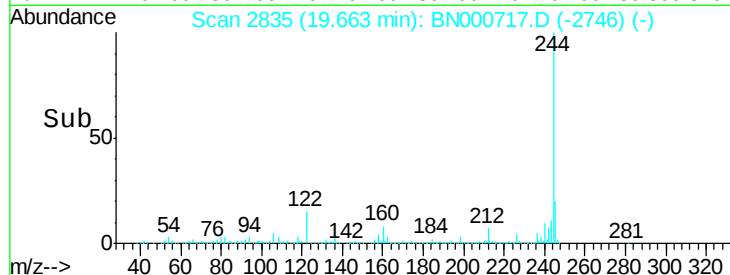
122 14.8 7.0 10.4#



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: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN000717.D

Acq: 09 Apr 2018 19:43

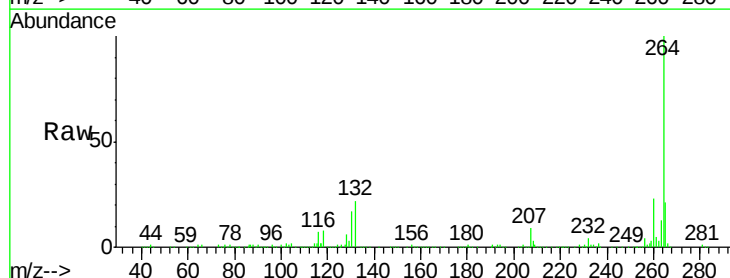
Tgt Ion:264 Resp: 677296

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.1 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

