

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000043.D
 Acq On : 07 Feb 2018 19:49
 Operator : JU/SJ
 Sample : PB106327BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106327BL

Quant Time: Feb 08 13:33:59 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	341352	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1625206	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	1000460	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2413565	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2608033	20.00	ng	0.00
86) Perylene-d12	24.42	264	2790940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	1300395	62.09	ng	0.00
7) Phenol-d6	7.59	99	1968136	62.03	ng	0.00
23) Nitrobenzene-d5	9.65	82	1009103	36.92	ng	0.00
41) 2,4,6-Tribromophenol	16.54	330	456455	46.09	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	3047382	42.93	ng	0.00
78) Terphenyl-d14	20.36	244	4766539	49.35	ng	0.00

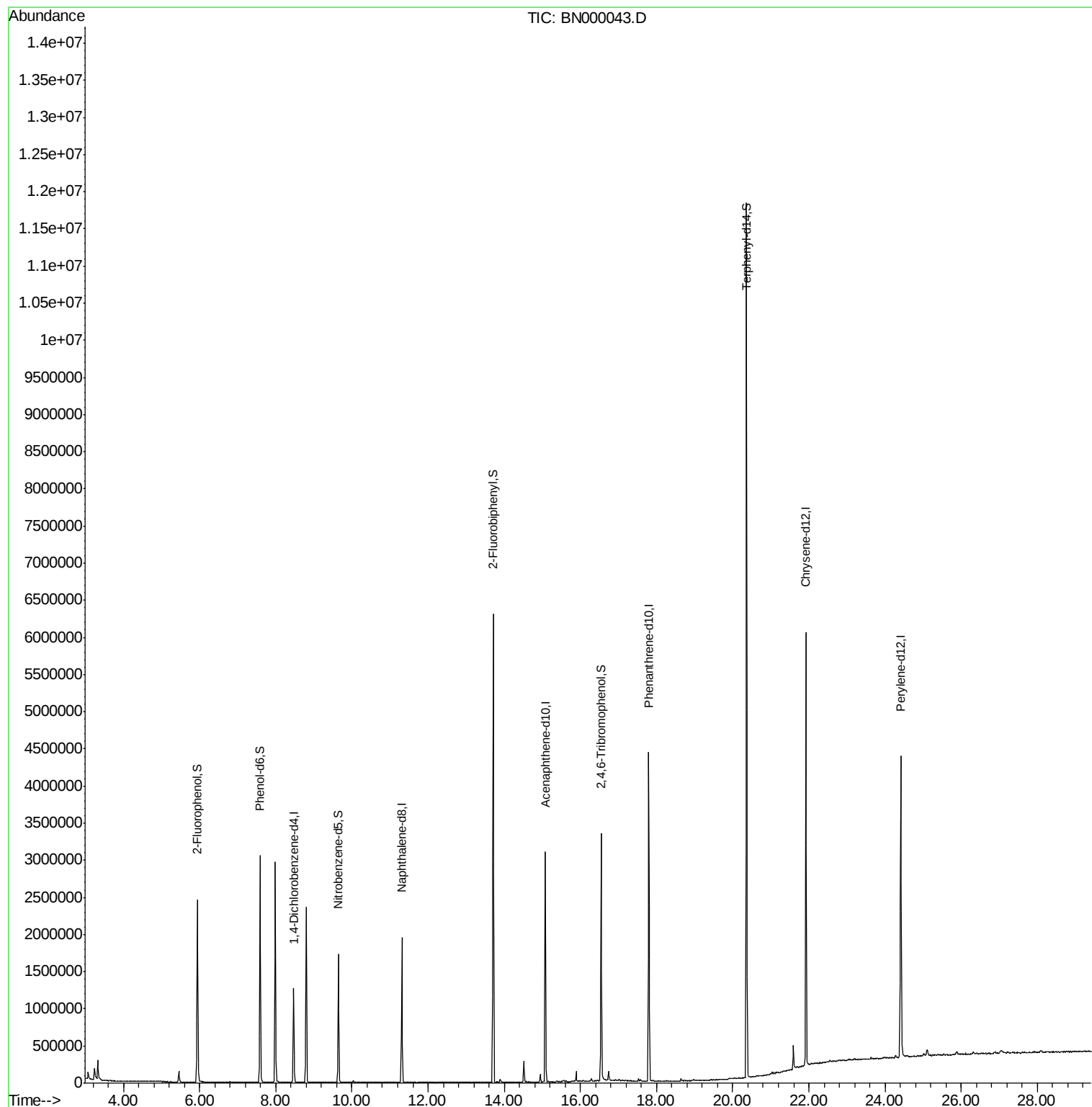
Target Compounds Qvalue

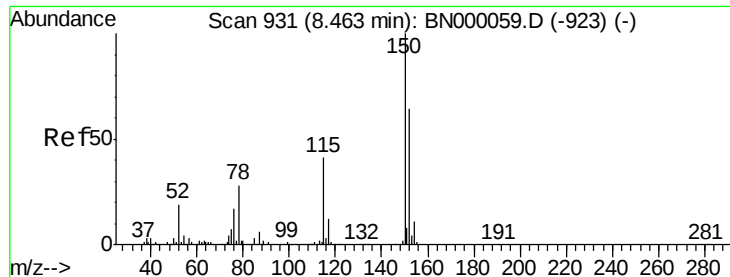
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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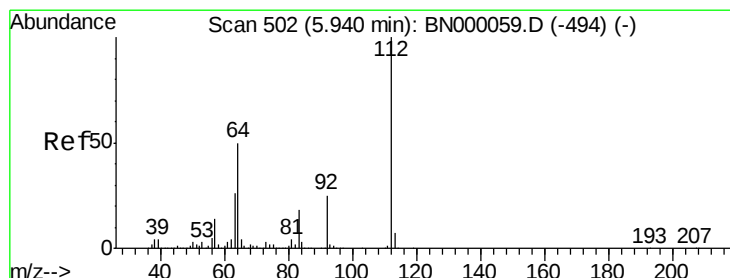
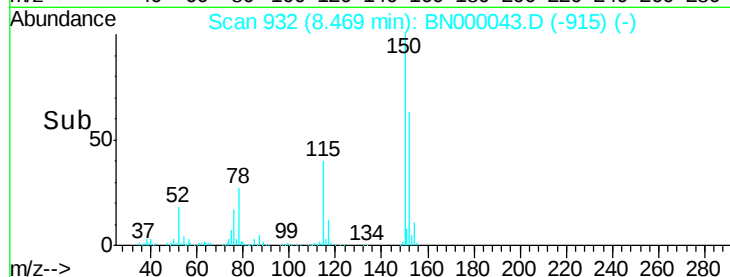
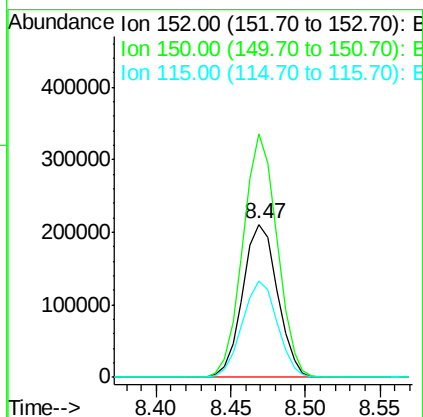
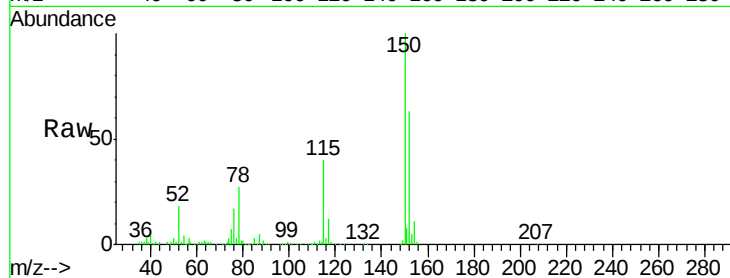


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampleId :
PB106327BL

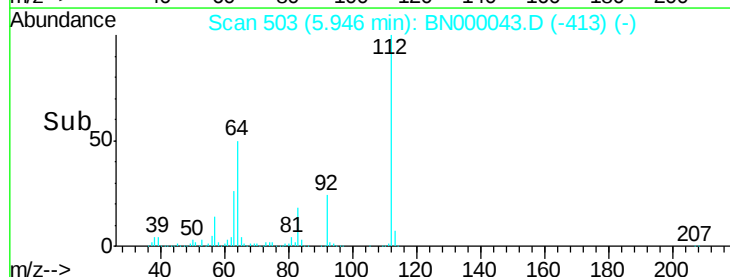
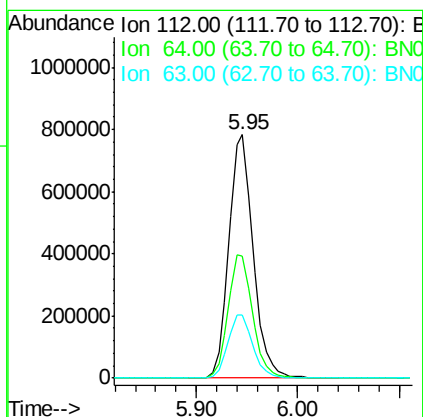
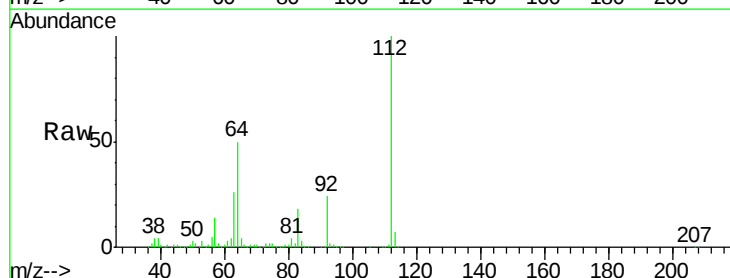
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.6	189.8
115	62.9	53.0	79.4

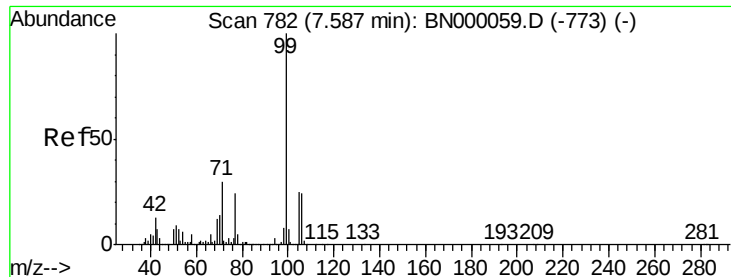


#5

2-Fluorophenol
Concen: 62.087 ng
RT: 5.95 min Scan# 503
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5#
63	26.0	30.1	45.1#





#7

Phenol-d6

Concen: 62.035 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

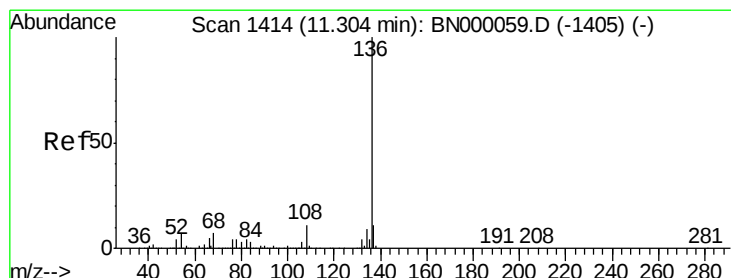
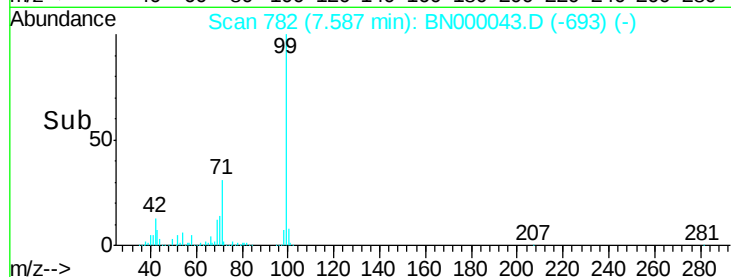
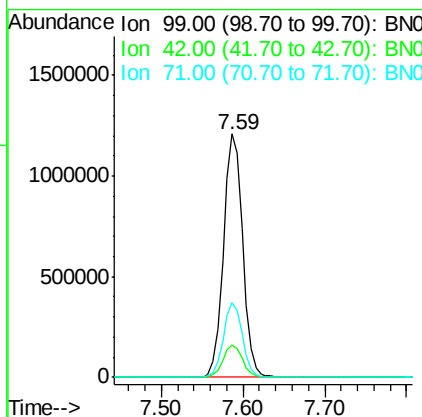
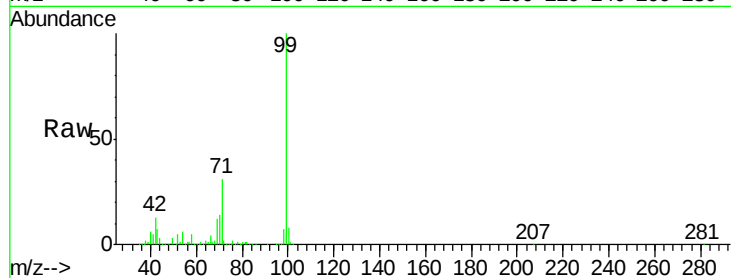
BNA_N

ClientSampleId :

PB106327BL

Tot Ion: 99 Resp: 1968136

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.5	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.31 min Scan# 1415

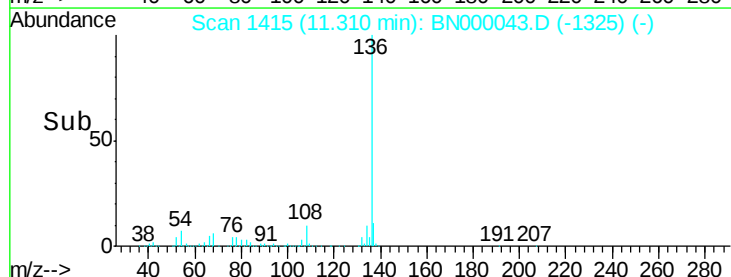
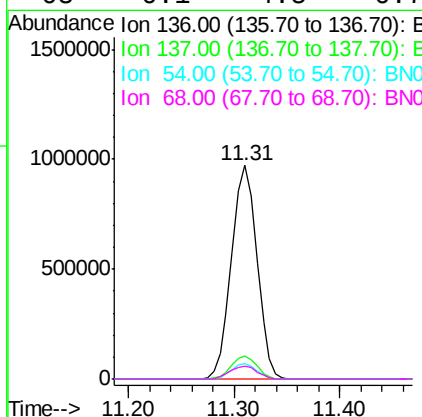
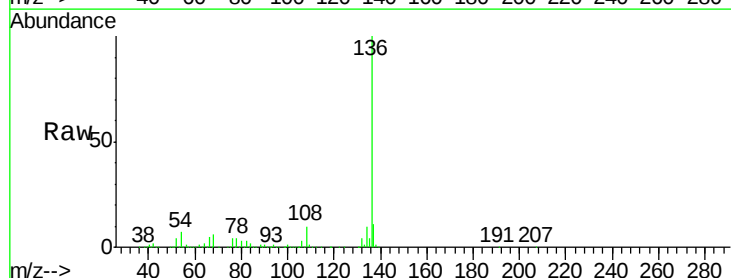
Delta R.T. -0.00 min

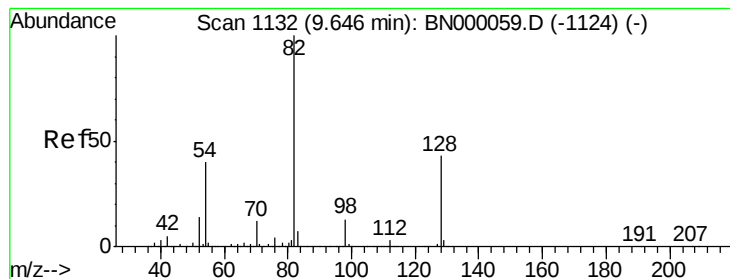
Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Tgt Ion: 136 Resp: 1625206

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.1	10.3	15.5#
68	6.1	4.5	6.7





#23

Nitrobenzene-d5

Concen: 36.917 ng

RT: 9.65 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

PB106327BL

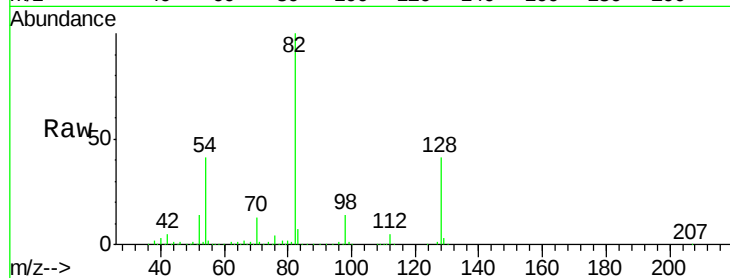
Tot Ion: 82 Resp: 1009103

Ion Ratio Lower Upper

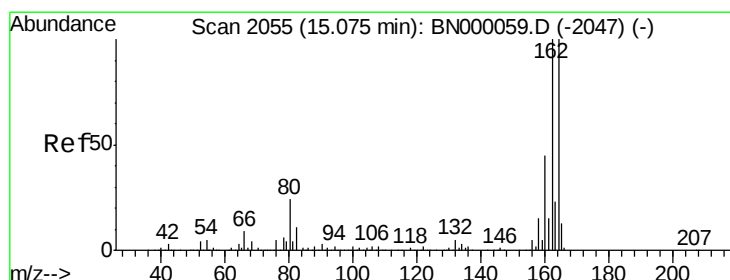
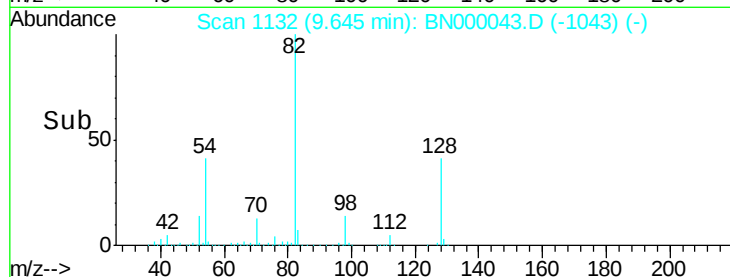
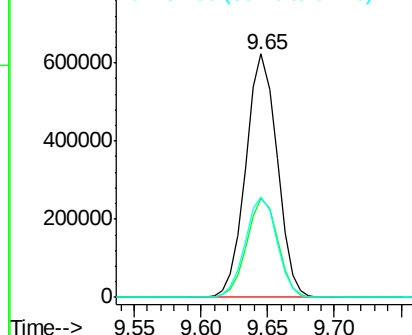
82 100

128 40.6 29.7 44.5

54 41.3 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. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

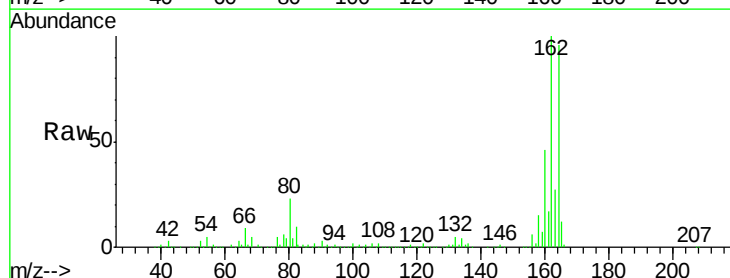
Tgt Ion:164 Resp: 1000460

Ion Ratio Lower Upper

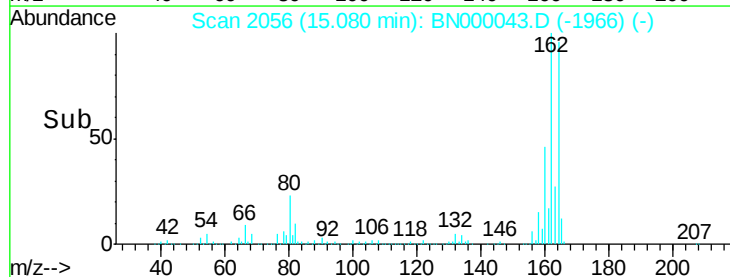
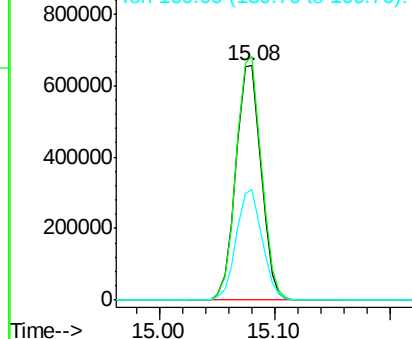
164 100

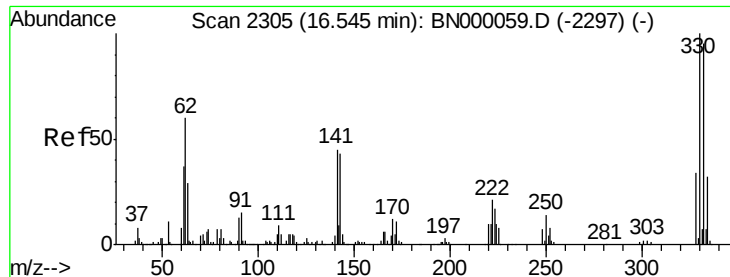
162 103.9 78.8 118.2

160 47.3 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

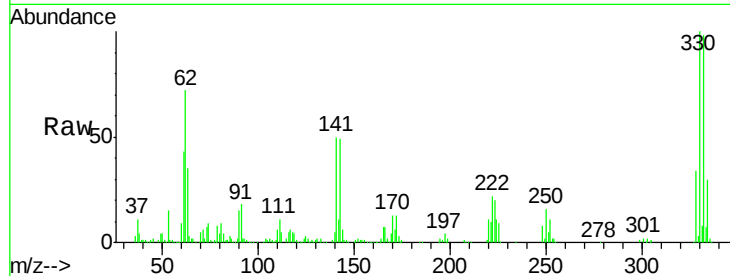




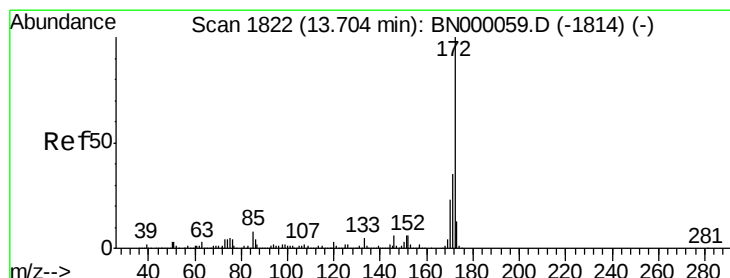
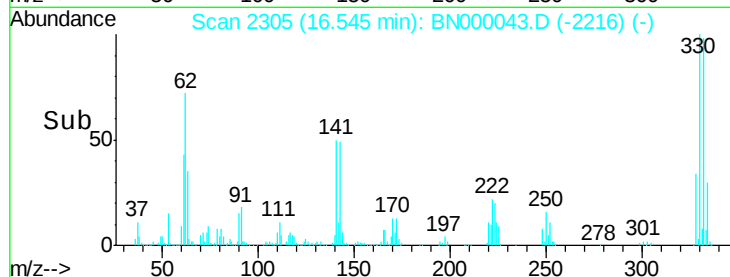
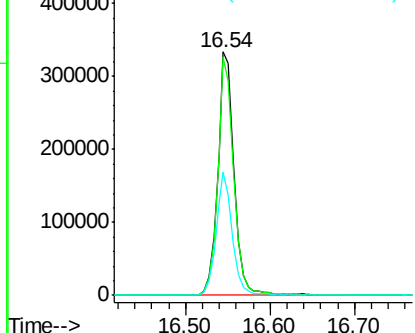
#41
 2,4,6-Tribromophenol
 Concen: 46.092 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

Instrument :
 BNA_N
 ClientSampleId :
 PB106327BL

Tot Ion:330 Resp: 456455
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 50.1 25.2 37.8#

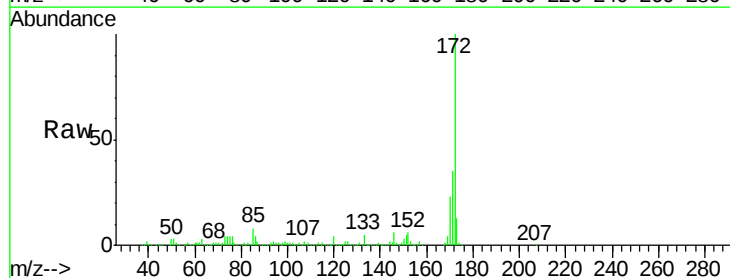


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

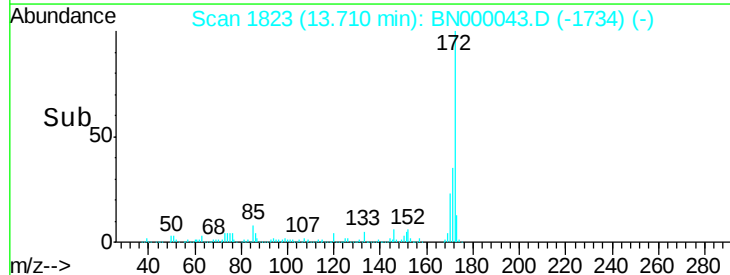
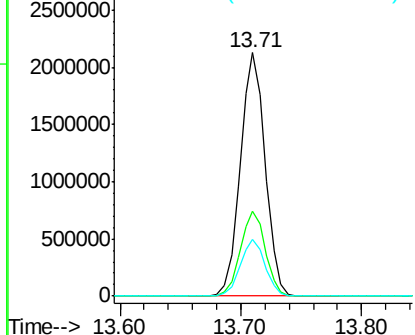


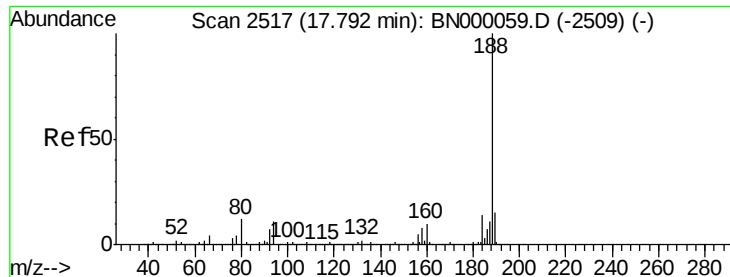
#44
 2-Fluorobiphenyl
 Concen: 42.930 ng
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BN000043.D
 Acq: 07 Feb 2018 19:49

Tgt Ion:172 Resp: 3047382
 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

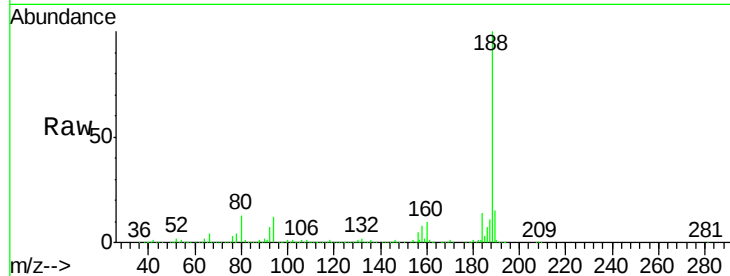




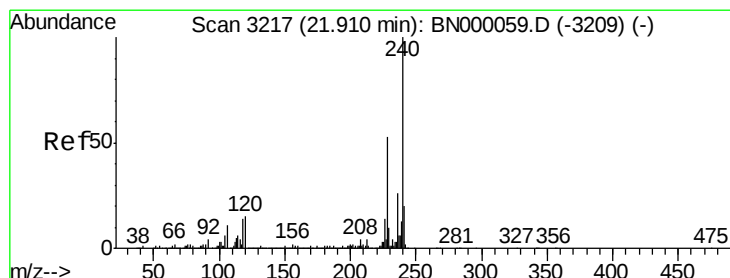
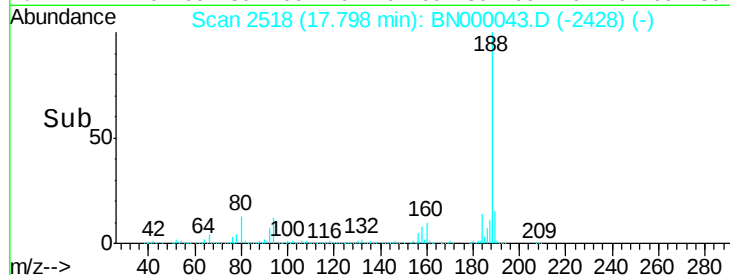
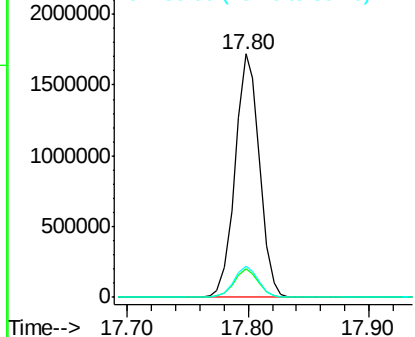
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.80 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Instrument :
BNA_N
ClientSampleId :
PB106327BL

Tot Ion:188 Resp: 2413565
Ion Ratio Lower Upper
188 100
94 11.8 6.9 10.3#
80 12.6 7.7 11.5#

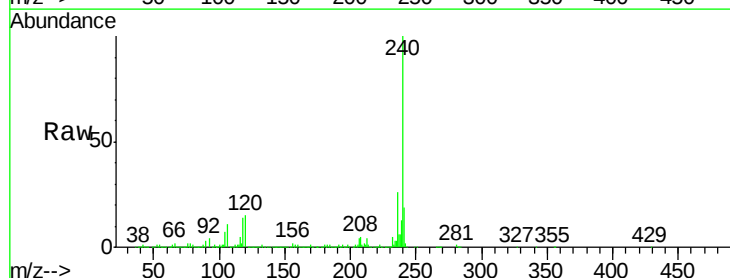


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

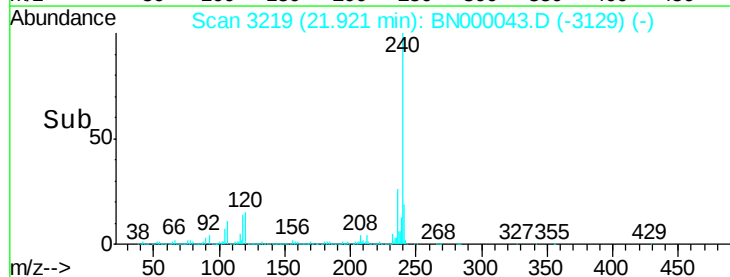
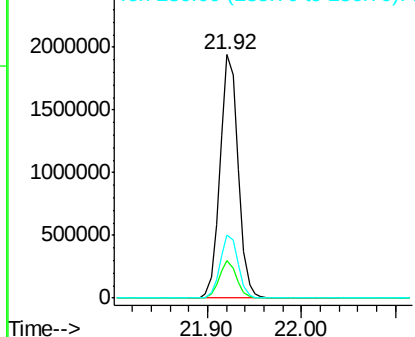


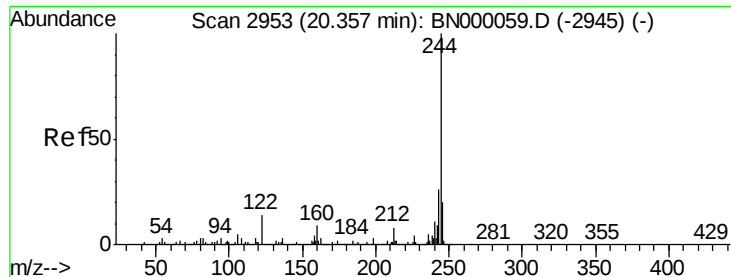
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BN000043.D
Acq: 07 Feb 2018 19:49

Tgt Ion:240 Resp: 2608033
Ion Ratio Lower Upper
240 100
120 15.5 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: 49.349 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

Instrument :

BNA_N

ClientSampleId :

PB106327BL

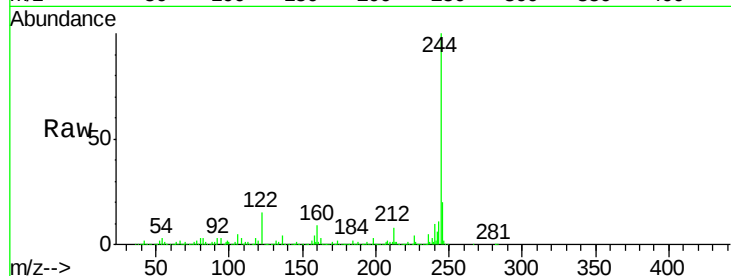
Tot Ion:244 Resp: 4766539

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

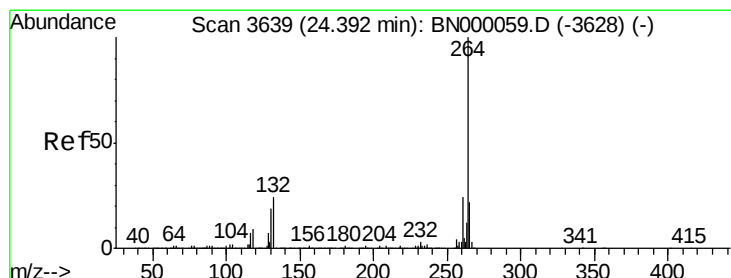
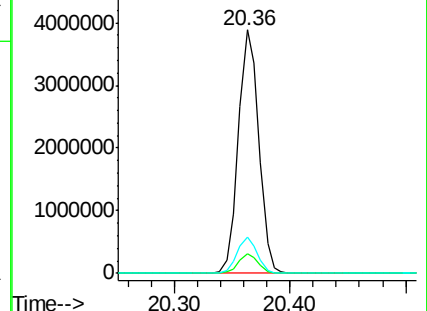
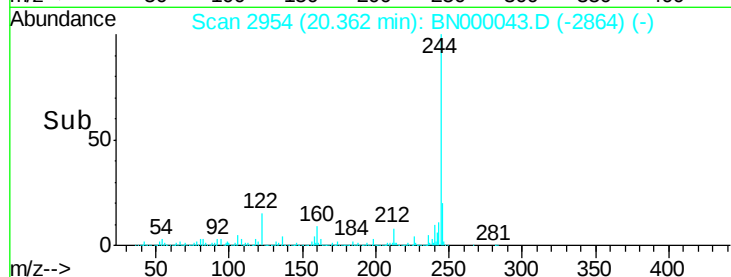
122 15.1 7.0 10.4#



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# 3643

Delta R.T. -0.00 min

Lab File: BN000043.D

Acq: 07 Feb 2018 19:49

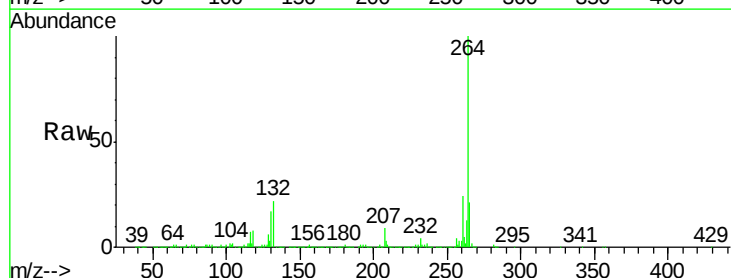
Tgt Ion:264 Resp: 2790940

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.4 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

