

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000129.D
 Acq On : 20 Feb 2018 02:13
 Operator : JU/SJ
 Sample : PB106645BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106645BL

Quant Time: Feb 20 04:19:28 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	8.46	152	430495	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2081019	20.00	ng	-0.01
38) Acenaphthene-d10	15.06	164	1280933	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	2963998	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3078612	20.00	ng	-0.02
86) Perylene-d12	24.37	264	3294884	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	2486183	94.12	ng	-0.01
7) Phenol-d6	7.58	99	3499036	87.45	ng	-0.01
23) Nitrobenzene-d5	9.63	82	2743328	78.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	914253	72.11	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	6522325	71.77	ng	-0.02
78) Terphenyl-d14	20.35	244	8776097	76.97	ng	-0.02

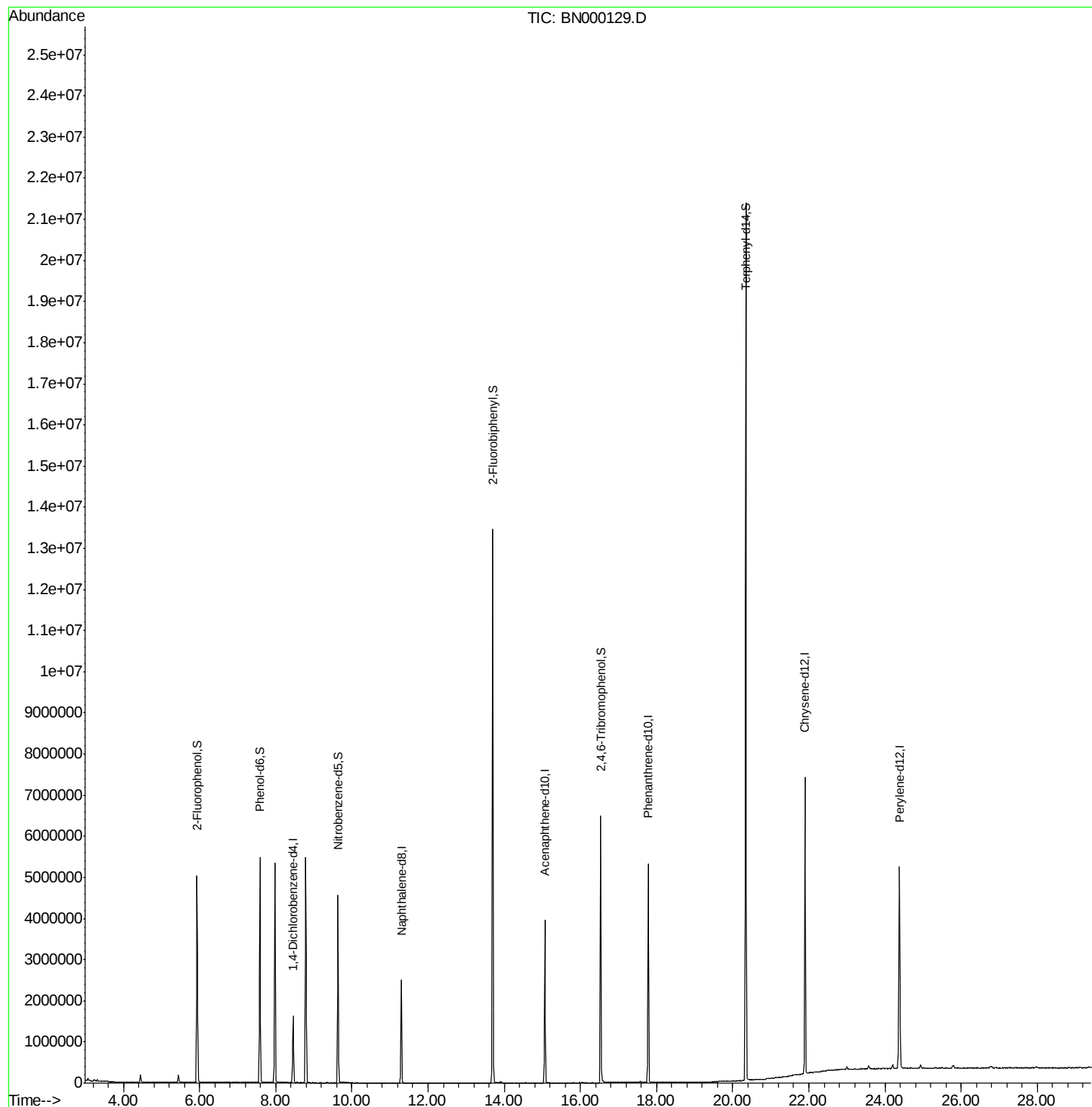
Target Compounds Qvalue

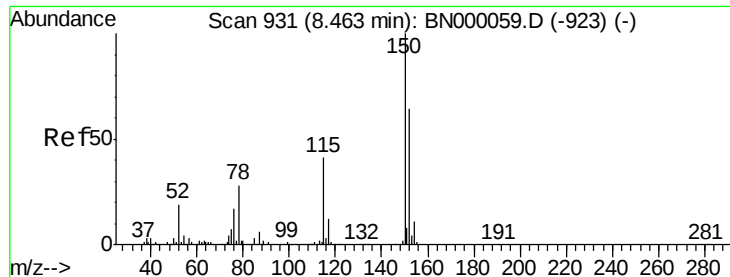
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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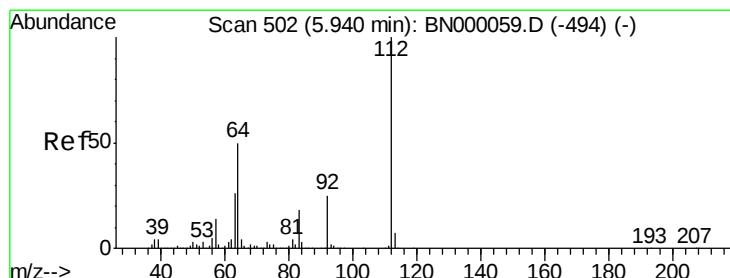
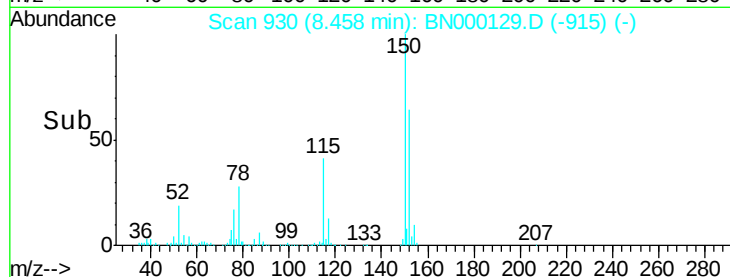
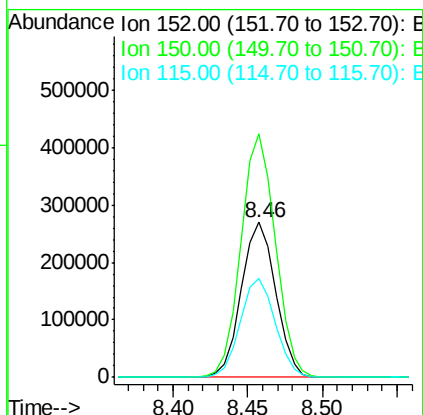
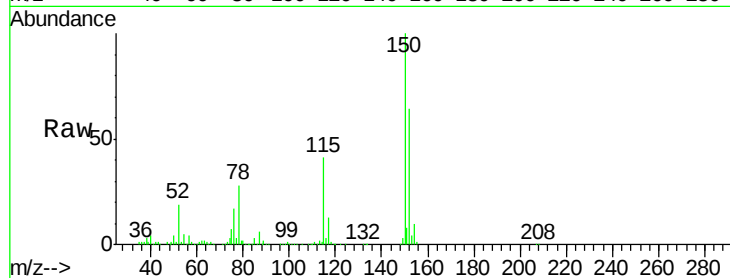


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Instrument :
BNA_N
ClientSampleId :
PB106645BL

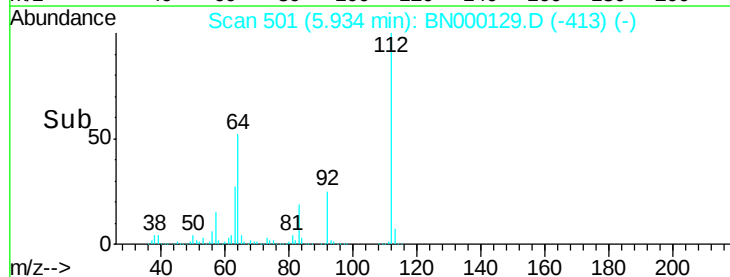
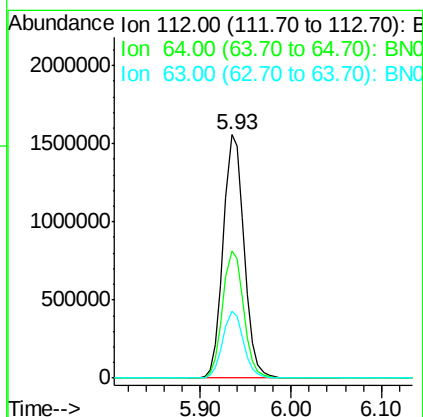
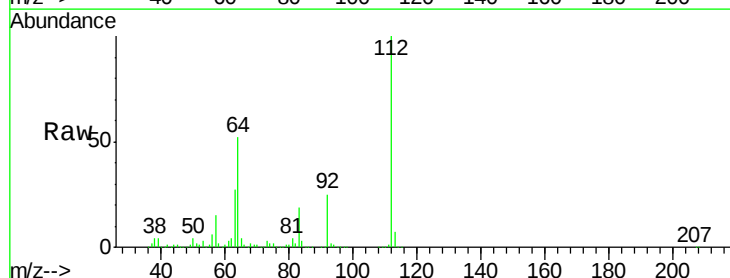
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	63.9	53.0	79.4

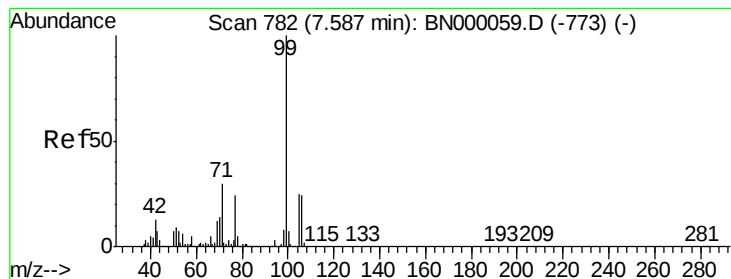


#5

2-Fluorophenol
Concen: 94.122 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	27.3	30.1	45.1#





#7

Phenol-d6

Concen: 87.451 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

BNA_N

ClientSampleId :

PB106645BL

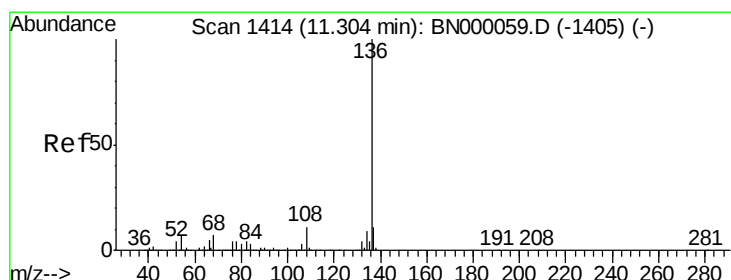
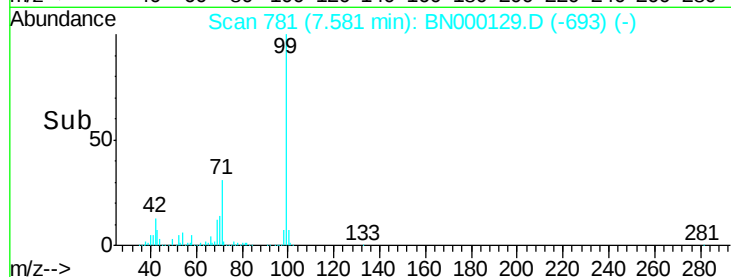
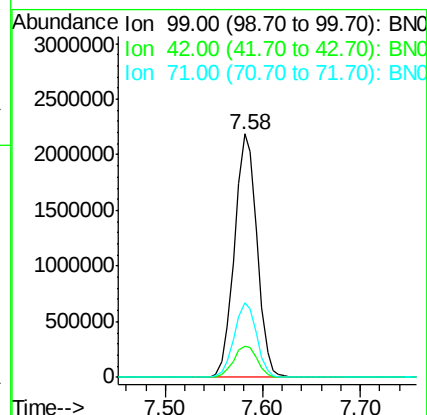
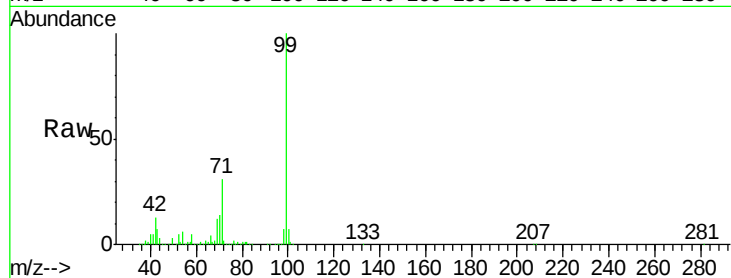
Tot Ion: 99 Resp: 3499036

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 30.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Tgt Ion: 136 Resp: 2081019

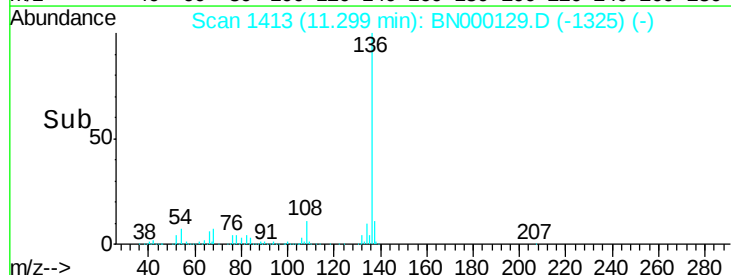
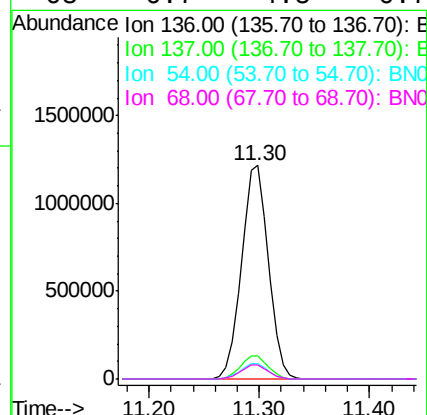
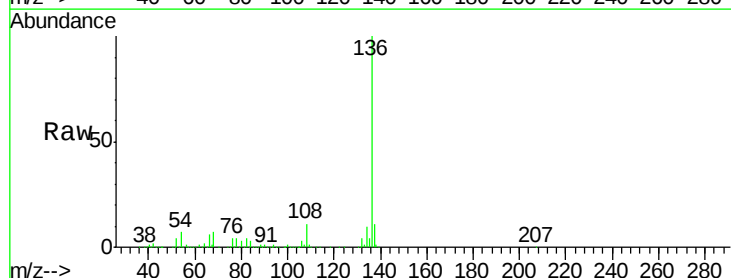
Ion Ratio Lower Upper

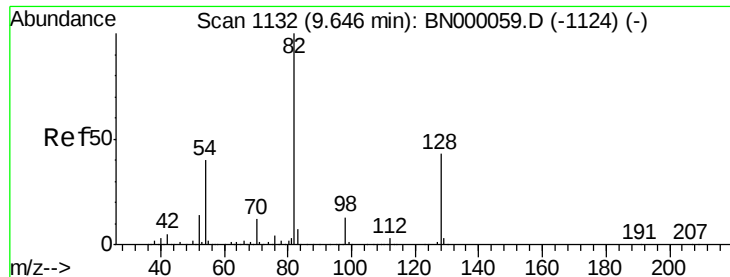
136 100

137 10.7 9.2 13.8

54 7.3 10.3 15.5#

68 6.7 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 78.378 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

BNA_N

ClientSampleId :

PB106645BL

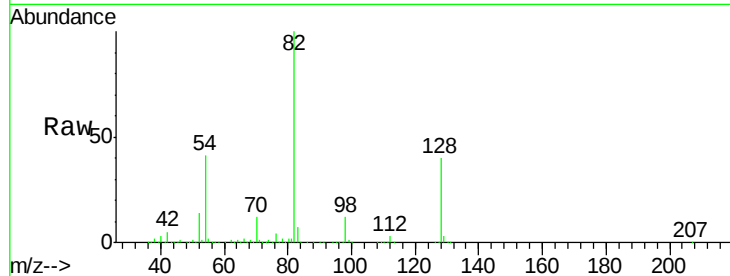
Tot Ion: 82 Resp: 2743328

Ion Ratio Lower Upper

82 100

128 40.4 29.7 44.5

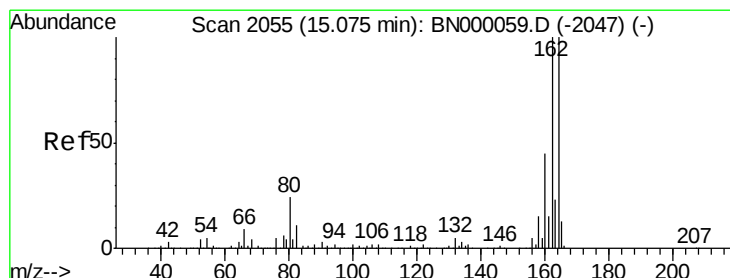
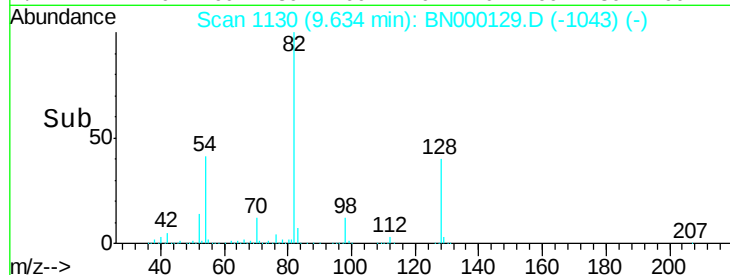
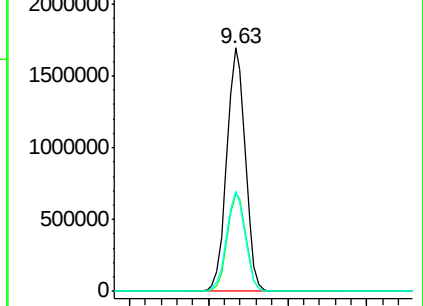
54 41.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1124) (-)

Ion 128.00 (127.70 to 128.70): BN000059.D (-1124) (-)

Ion 54.00 (53.70 to 54.70): BN000059.D (-1124) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2053

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

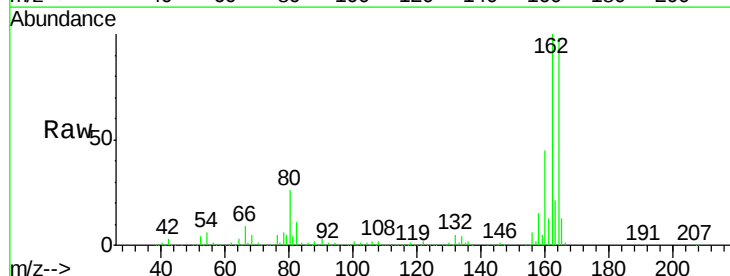
Tgt Ion:164 Resp: 1280933

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

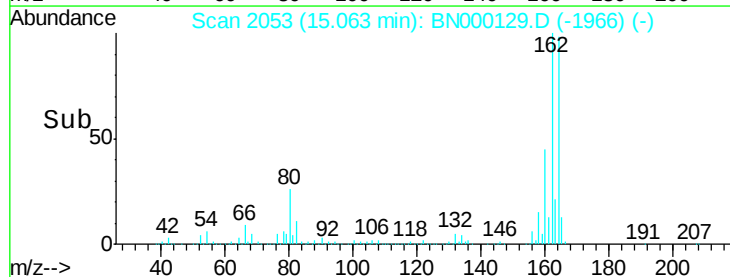
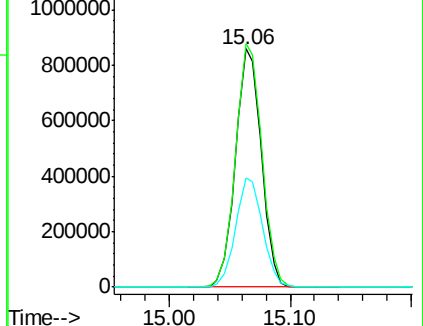
160 45.9 35.4 53.0

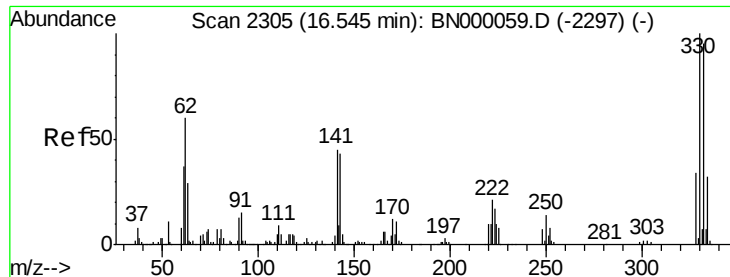


Abundance Ion 164.00 (163.70 to 164.70): BN000059.D (-2047) (-)

Ion 162.00 (161.70 to 162.70): BN000059.D (-2047) (-)

Ion 160.00 (159.70 to 160.70): BN000059.D (-2047) (-)

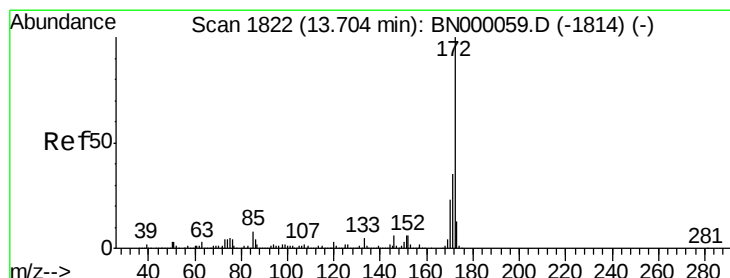
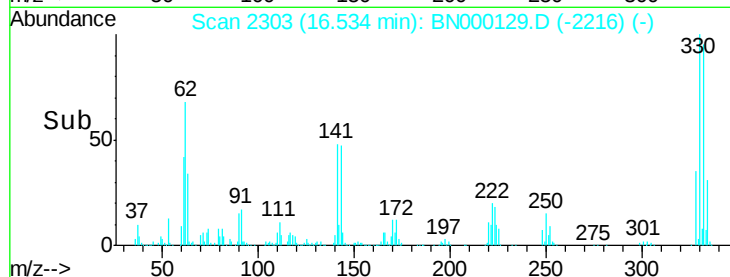
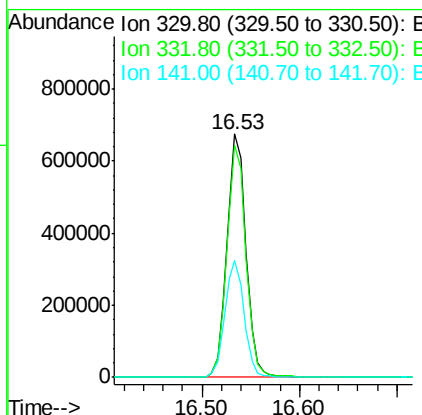
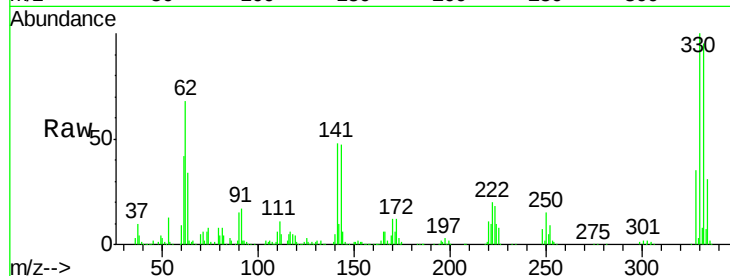




#41
 2,4,6-Tribromophenol
 Concen: 72.106 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

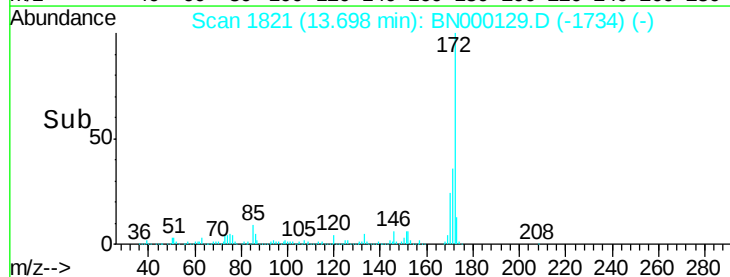
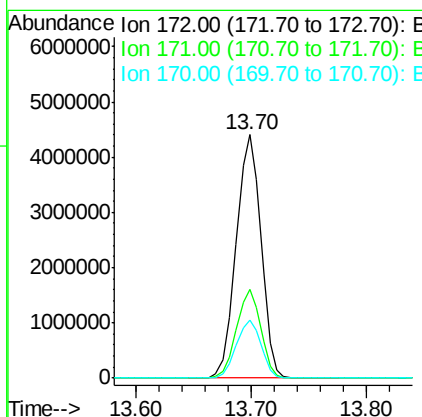
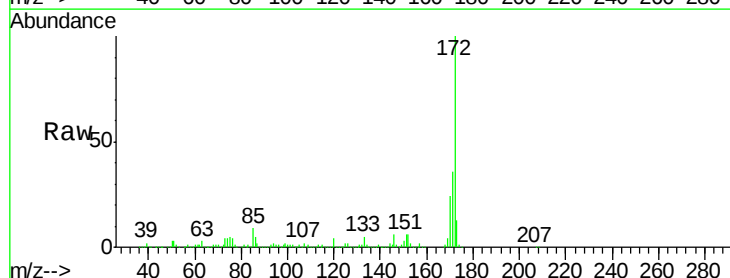
Instrument :
 BNA_N
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 PB106645BL

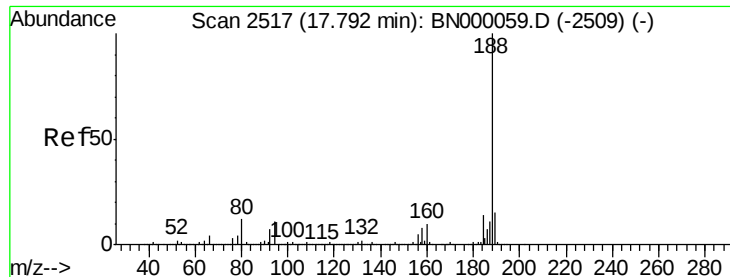
Tot Ion:330 Resp: 914253
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 49.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 71.765 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BN000129.D
 Acq: 20 Feb 2018 02:13

Tgt Ion:172 Resp: 6522325
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.1 19.5 29.3

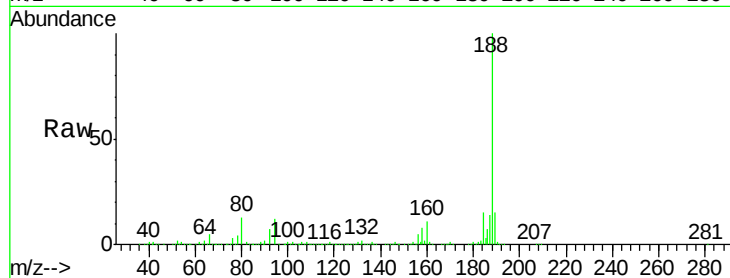




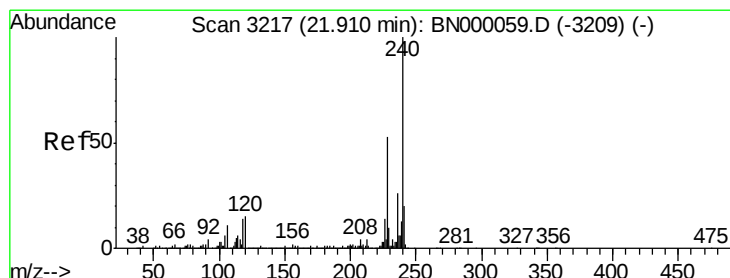
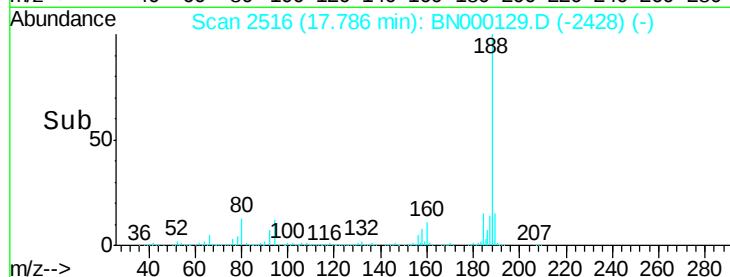
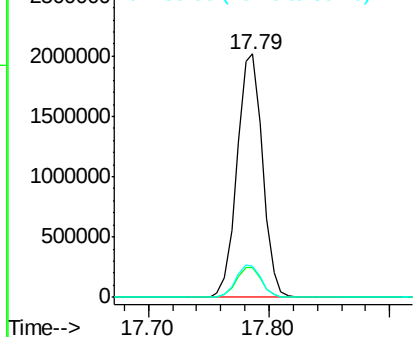
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Instrument :
BNA_N
ClientSampleId :
PB106645BL

Tot Ion:188 Resp: 2963998
Ion Ratio Lower Upper
188 100
94 12.3 6.9 10.3#
80 13.0 7.7 11.5#

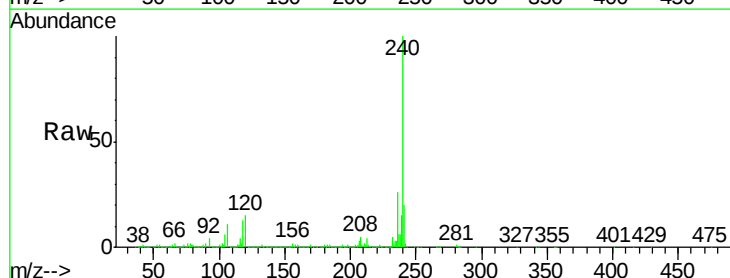


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

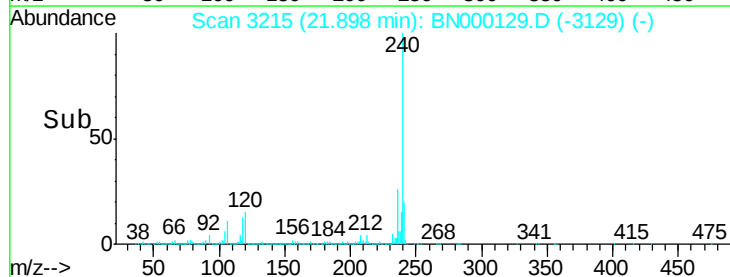
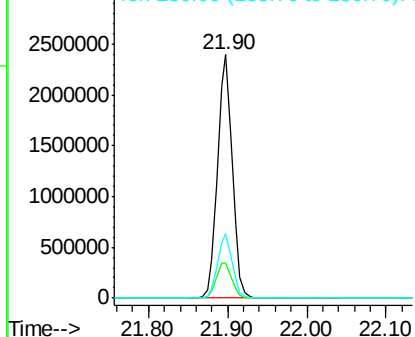


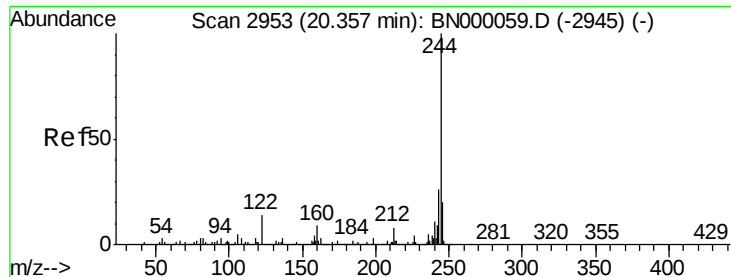
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000129.D
Acq: 20 Feb 2018 02:13

Tgt Ion:240 Resp: 3078612
Ion Ratio Lower Upper
240 100
120 14.5 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: 76.972 ng

RT: 20.35 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Instrument :

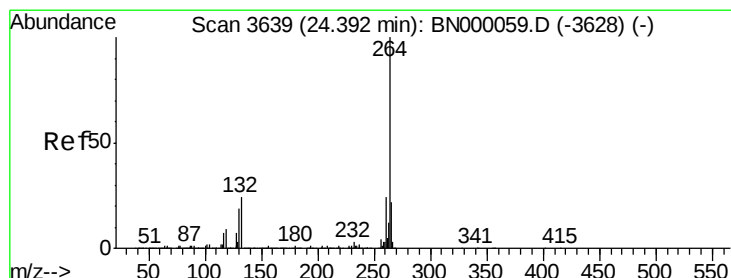
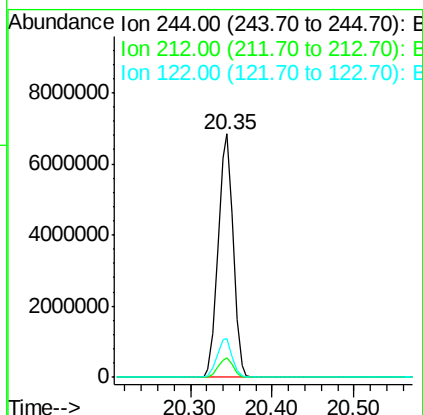
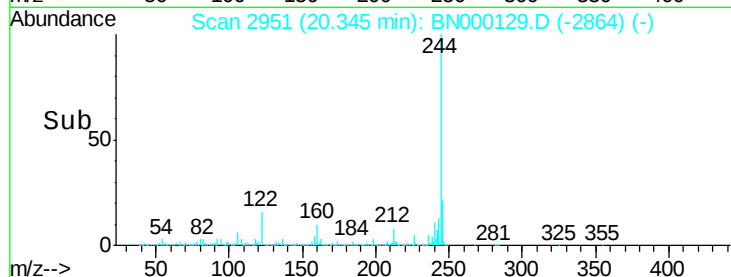
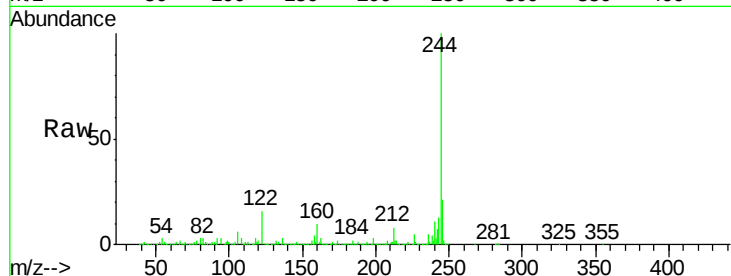
BNA_N

ClientSampleId :

PB106645BL

Tot Ion:244 Resp: 8776097

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.9	7.0	10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.37 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BN000129.D

Acq: 20 Feb 2018 02:13

Tgt Ion:264 Resp: 3294884

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.1	17.7	26.5

