

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000272.D
 Acq On : 06 Mar 2018 20:00
 Operator : JU/SJ
 Sample : PB107073BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB107073BL

Quant Time: Mar 07 06:40:38 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	8.45	152	192348	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	958254	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	568086	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1260450	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1310499	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1381081	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1354766	114.79	ng	-0.02
7) Phenol-d6	7.58	99	1925028	107.68	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1050519	65.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	494197	87.89	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2497687	61.97	ng	-0.03
78) Terphenyl-d14	20.34	244	3477909	71.66	ng	-0.02

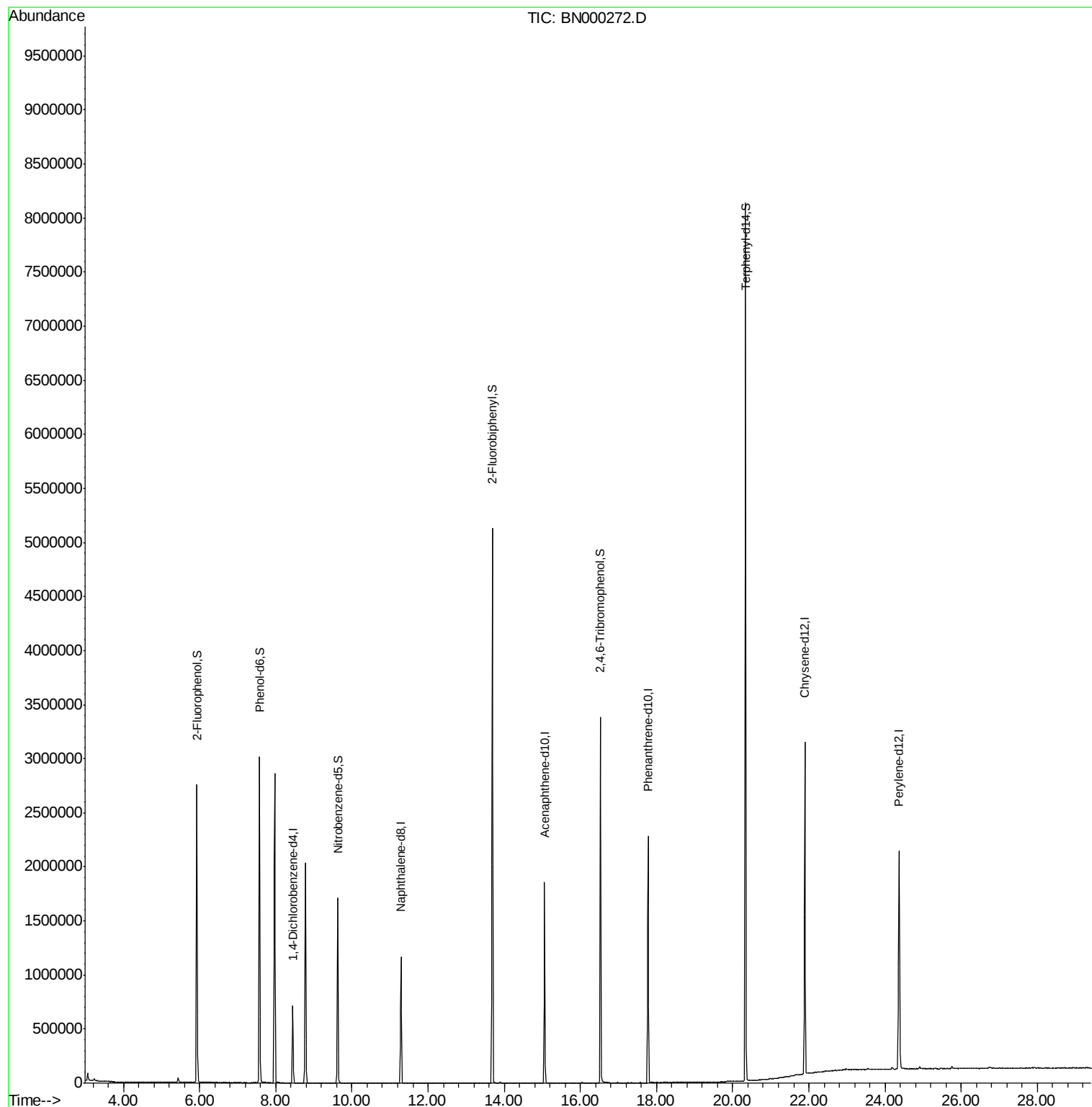
Target Compounds Qvalue

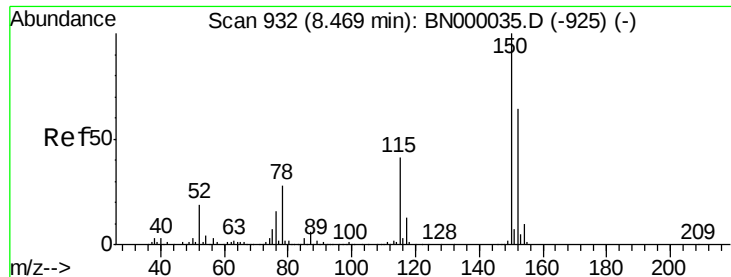
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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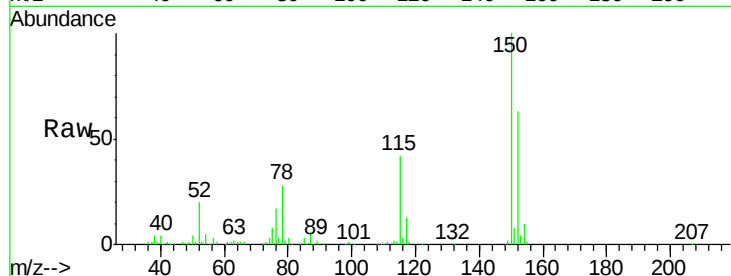


#1

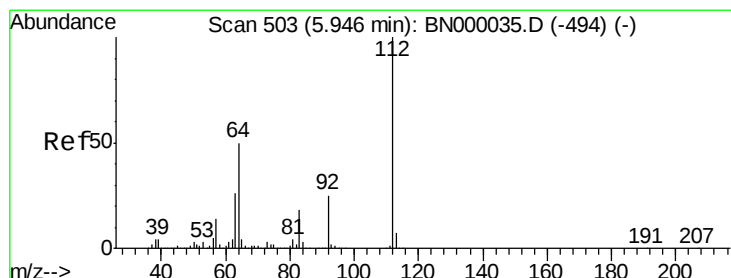
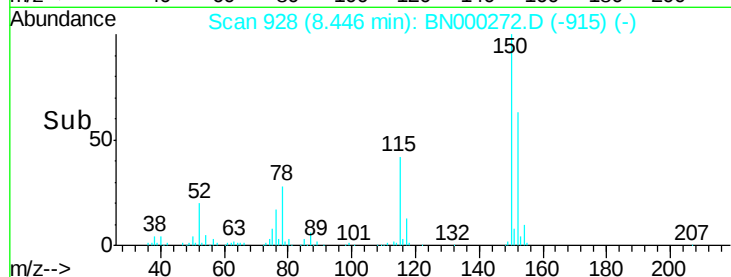
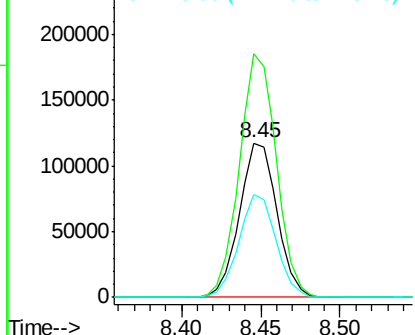
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Instrument :
BNA_N
ClientSampleId :
PB107073BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	66.3	53.0	79.4



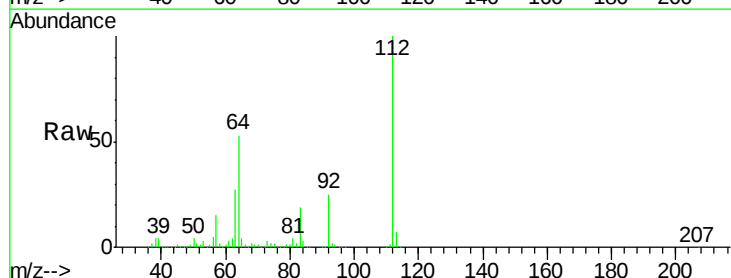
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



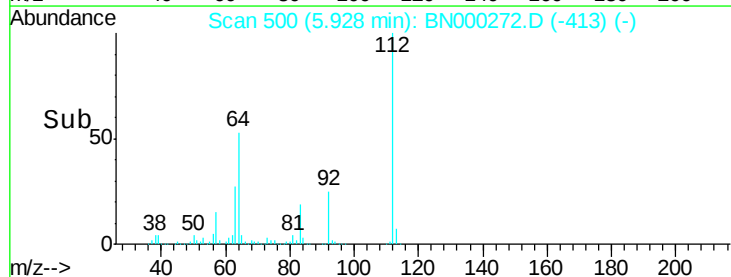
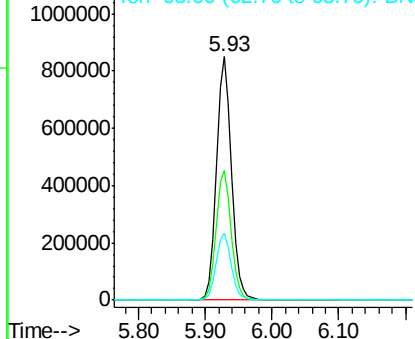
#5

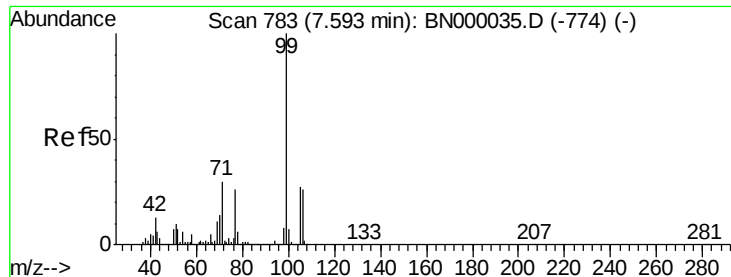
2-Fluorophenol
Concen: 114.790 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	56.3	84.5#
63	27.3	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: 107.679 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampleId :

PB107073BL

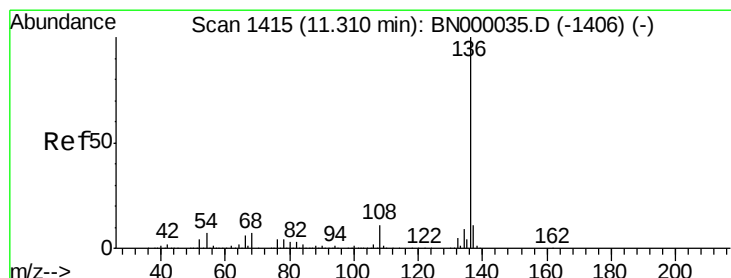
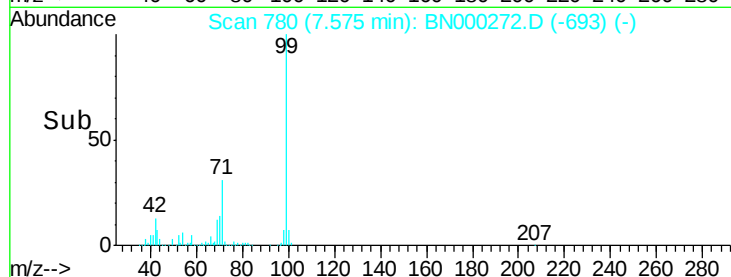
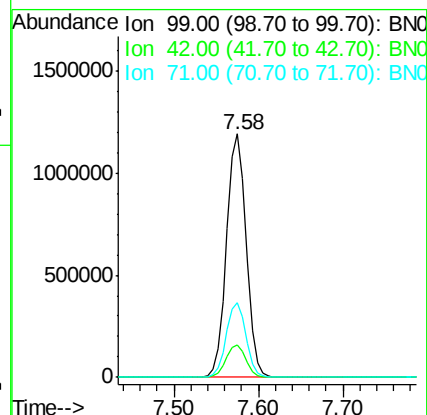
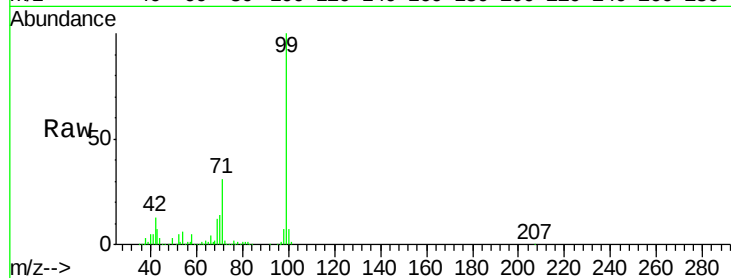
Tot Ion: 99 Resp: 1925028

Ion Ratio Lower Upper

99 100

42 13.2 14.1 21.1#

71 30.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Tgt Ion: 136 Resp: 958254

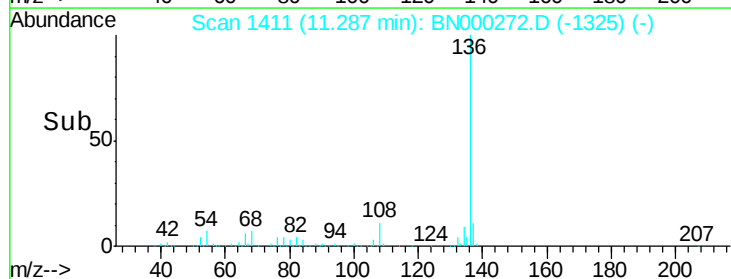
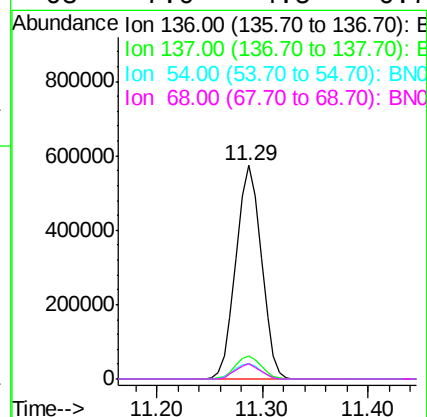
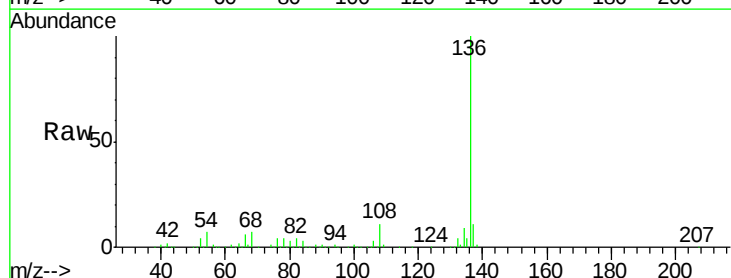
Ion Ratio Lower Upper

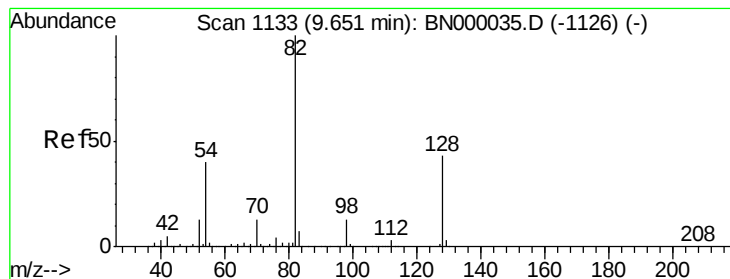
136 100

137 10.8 9.2 13.8

54 7.4 10.3 15.5#

68 7.0 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 65.180 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampleId :

PB107073BL

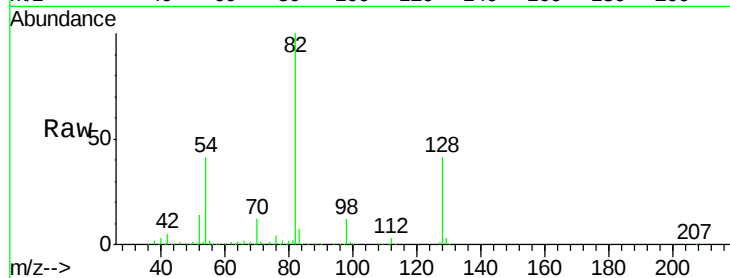
Tot Ion: 82 Resp: 1050519

Ion Ratio Lower Upper

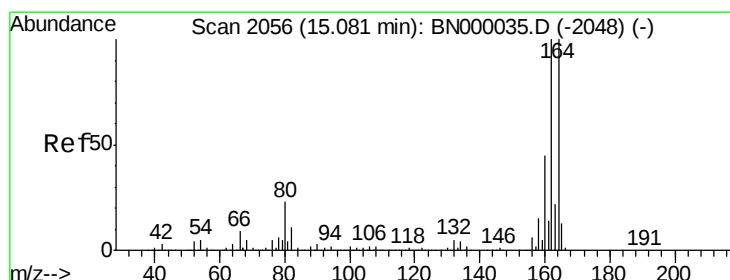
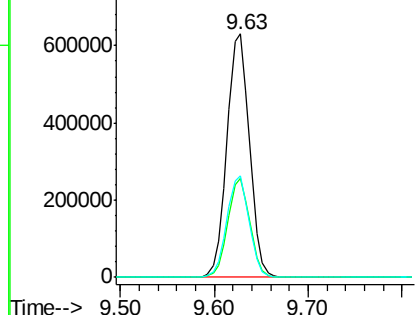
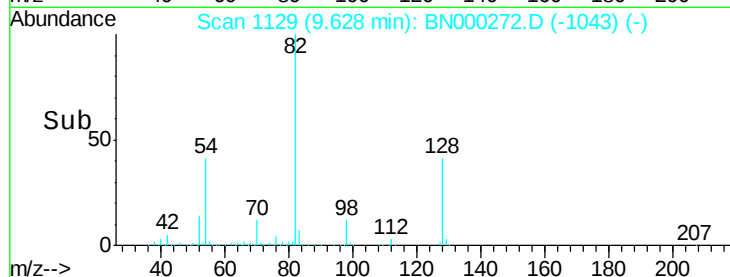
82 100

128 40.6 29.7 44.5

54 41.5 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: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

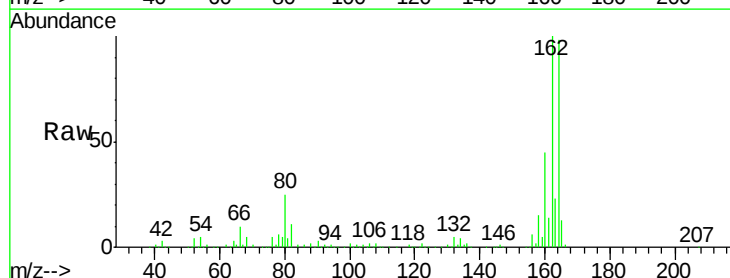
Tgt Ion:164 Resp: 568086

Ion Ratio Lower Upper

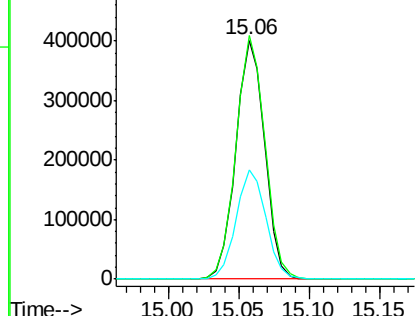
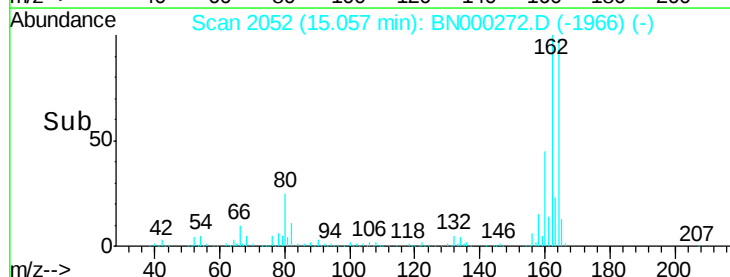
164 100

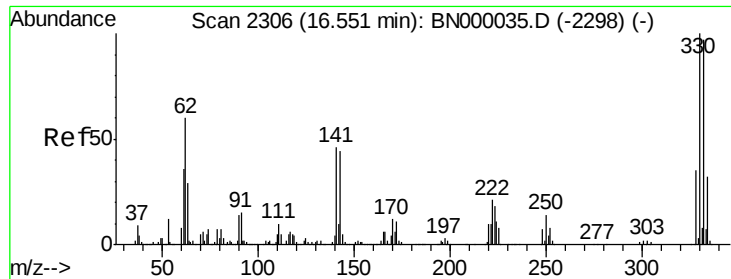
162 102.0 78.8 118.2

160 45.6 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

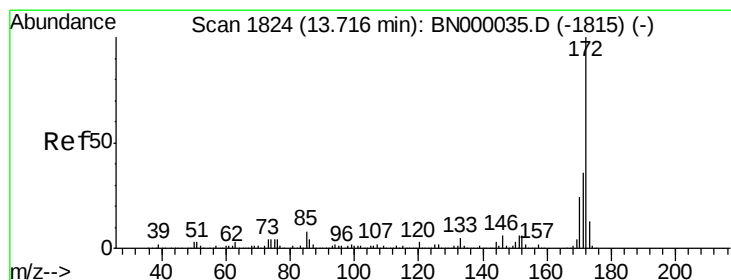
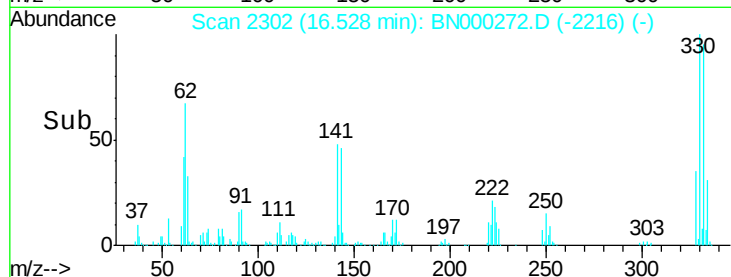
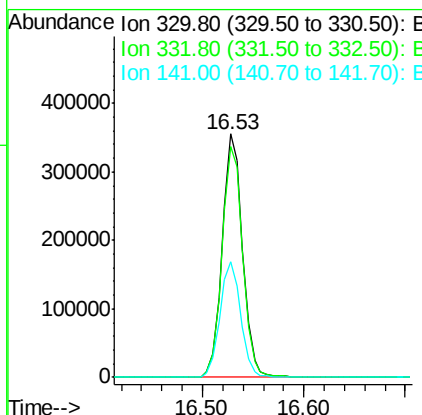
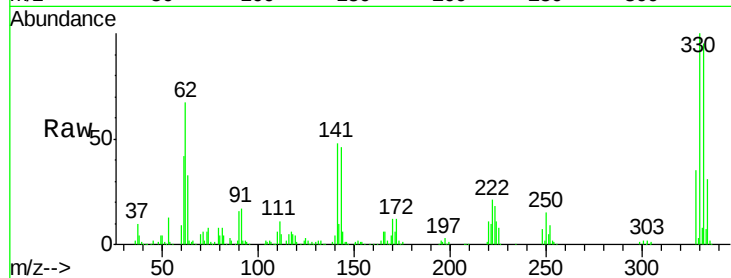




#41
 2,4,6-Tribromophenol
 Concen: 87.886 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

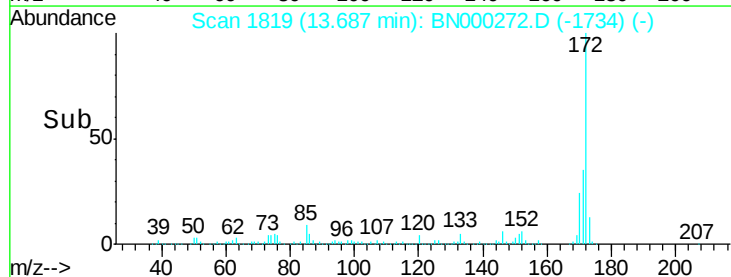
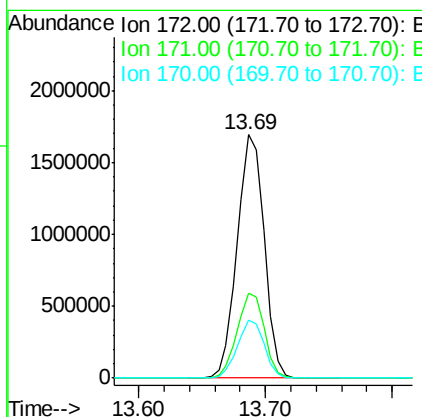
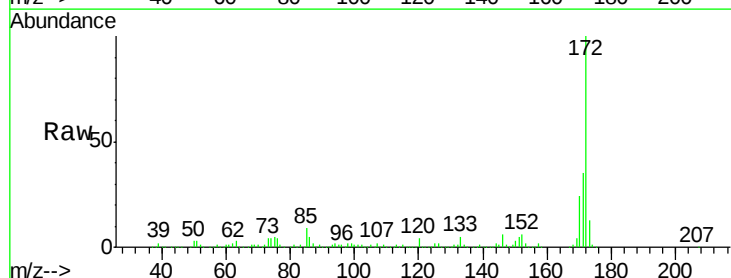
Instrument :
 BNA_N
 ClientSampleId :
 PB107073BL

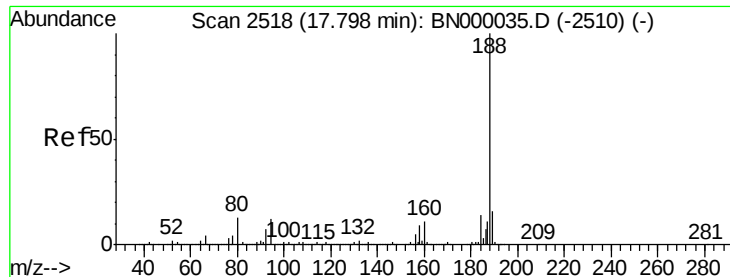
Tot Ion:330 Resp: 494197
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 48.6 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 61.967 ng
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.03 min
 Lab File: BN000272.D
 Acq: 06 Mar 2018 20:00

Tgt Ion:172 Resp: 2497687
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.7 19.5 29.3

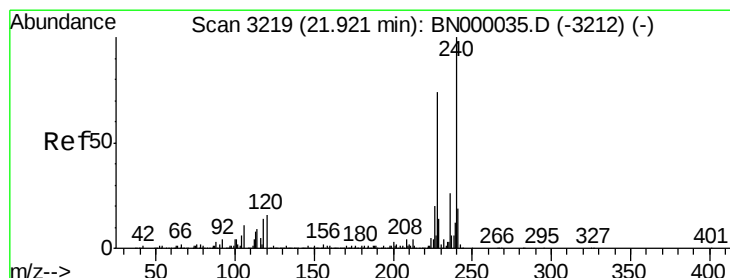
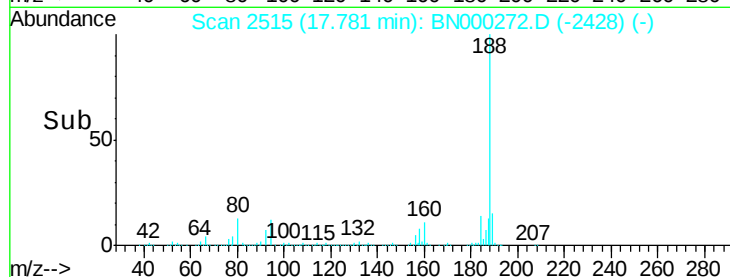
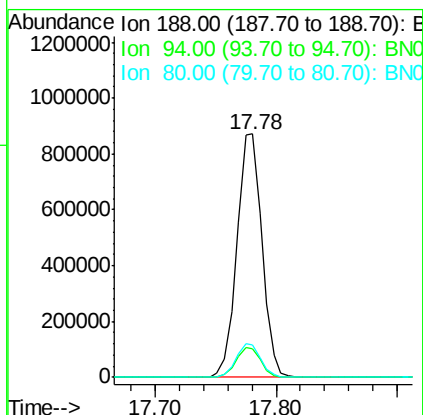
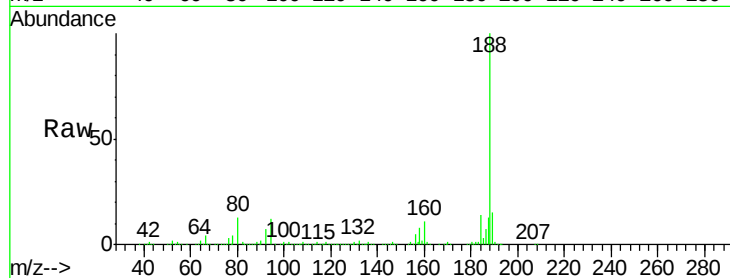




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

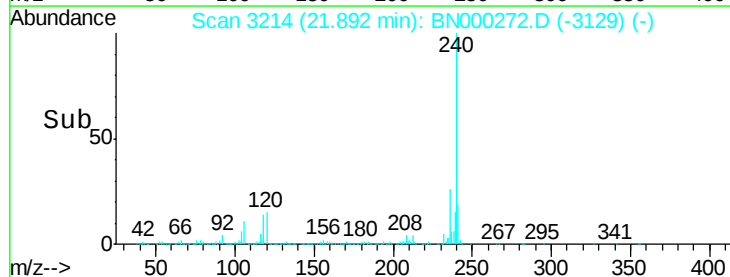
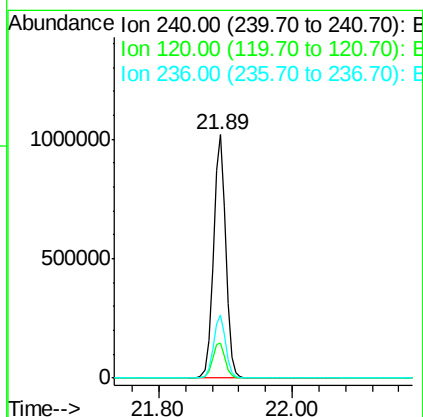
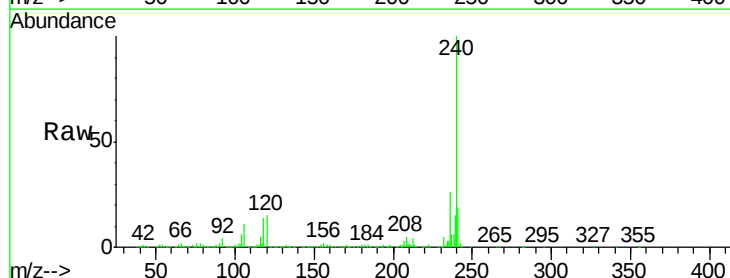
Instrument :
BNA_N
ClientSampleId :
PB107073BL

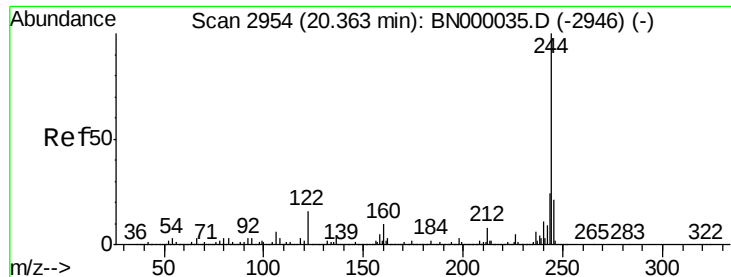
Tot Ion:188 Resp: 1260450
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 13.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.03 min
Lab File: BN000272.D
Acq: 06 Mar 2018 20:00

Tgt Ion:240 Resp: 1310499
Ion Ratio Lower Upper
240 100
120 14.5 6.8 10.2#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 71.659 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

Instrument :

BNA_N

ClientSampleId :

PB107073BL

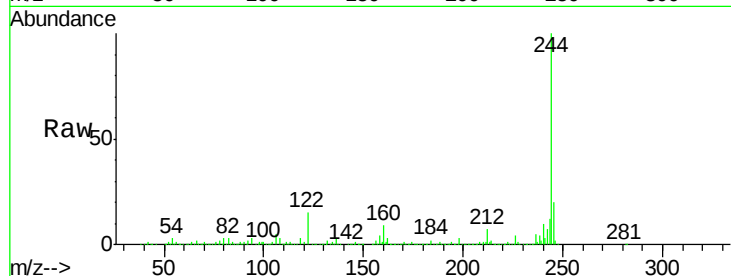
Tot Ion:244 Resp: 3477909

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

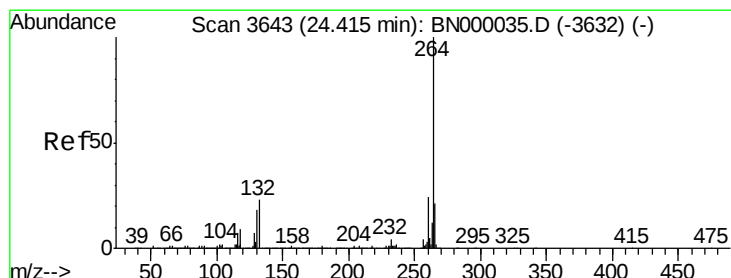
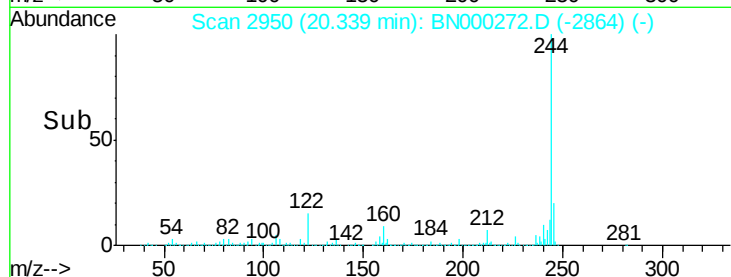
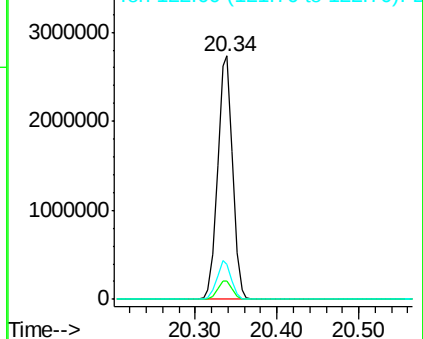
122 14.5 7.0 10.4#



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: 24.37 min Scan# 3635

Delta R.T. -0.05 min

Lab File: BN000272.D

Acq: 06 Mar 2018 20:00

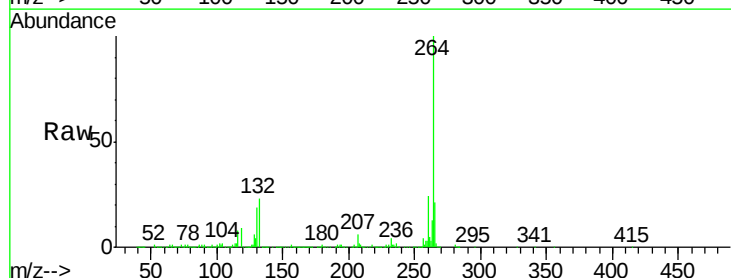
Tgt Ion:264 Resp: 1381081

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.2 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

