

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000257.D
 Acq On : 06 Mar 2018 11:22
 Operator : JU/SJ
 Sample : PB107064BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BL

Quant Time: Mar 07 04:55:13 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	196767	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	938514	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	562401	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1282181	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1259602	20.00	ng	-0.03
86) Perylene-d12	24.36	264	1263622	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1433670	118.75	ng	-0.02
7) Phenol-d6	7.58	99	2034092	111.22	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1102379	69.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	509456	91.51	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2647282	66.34	ng	-0.03
78) Terphenyl-d14	20.34	244	3734405	80.05	ng	-0.02

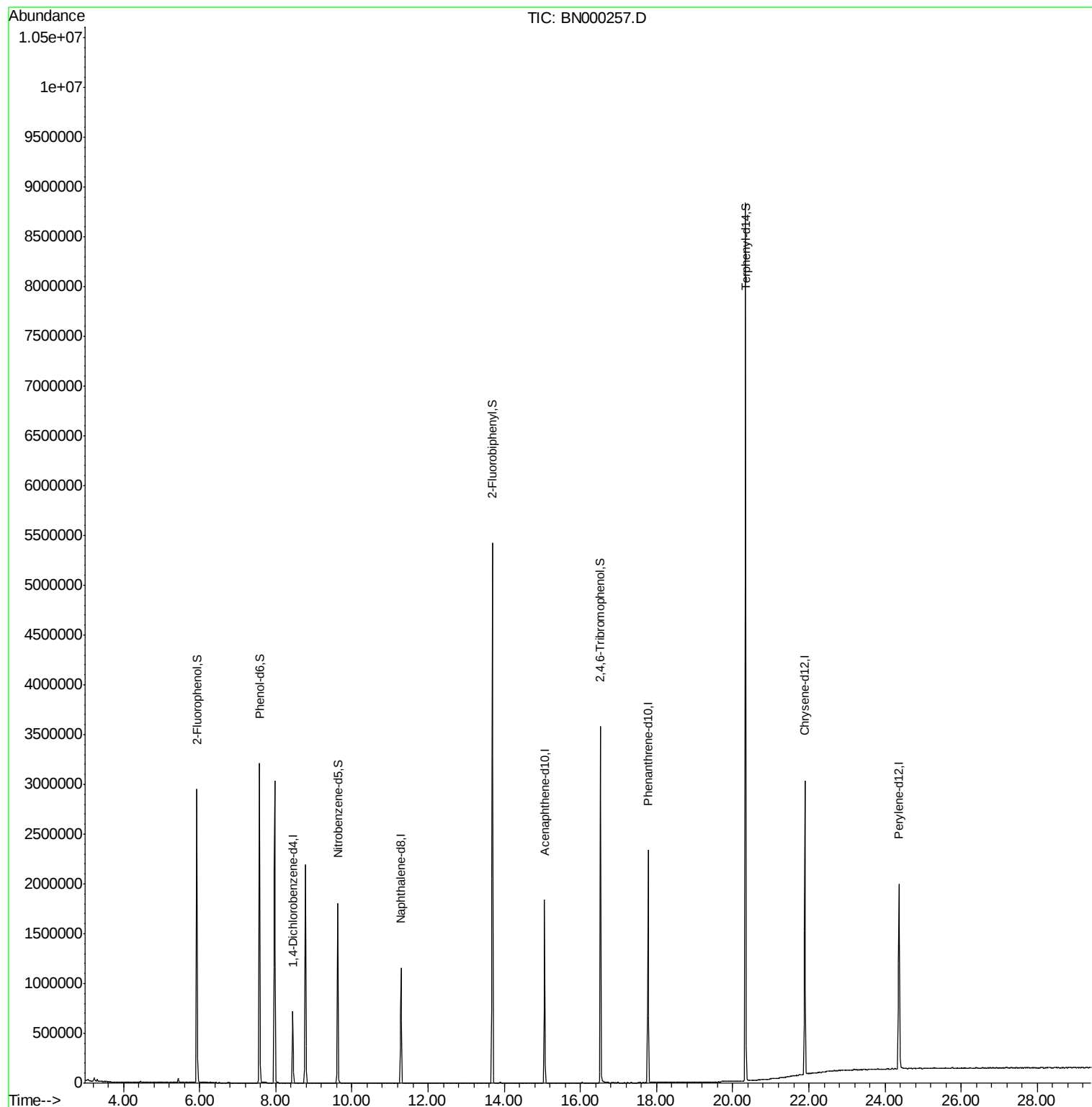
Target Compounds Qvalue

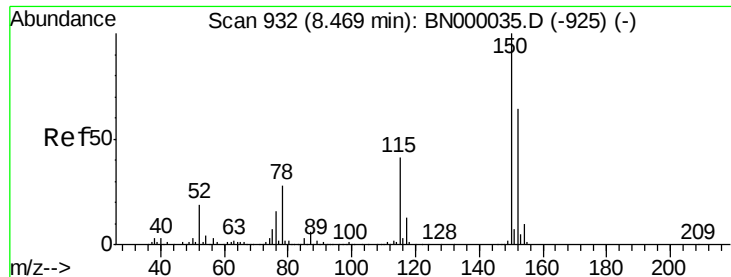
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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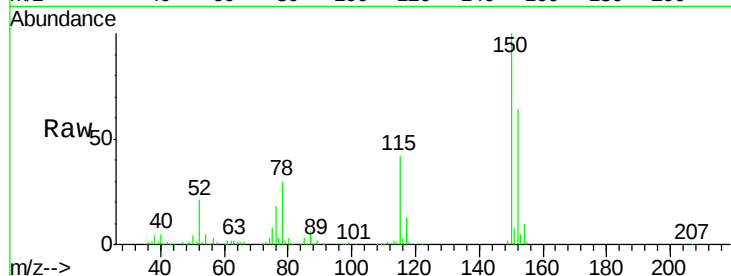


#1

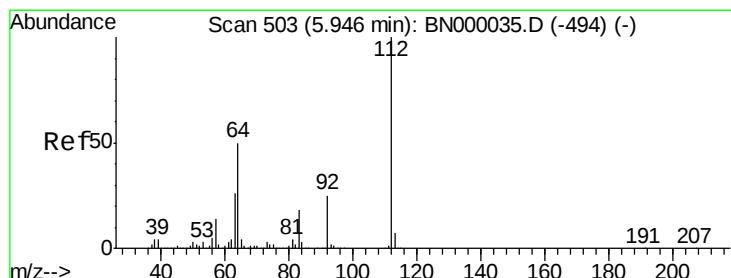
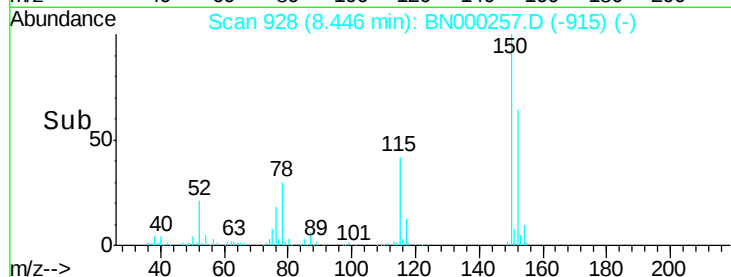
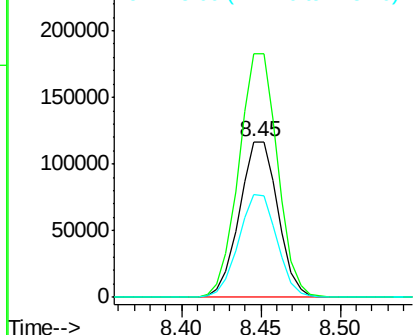
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Instrument :
BNA_N
ClientSampleId :
PB107064BL

Tot Ion	152	Resp	196767
Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	66.4	53.0	79.4



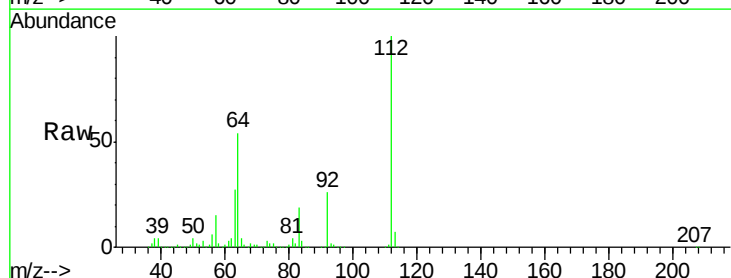
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



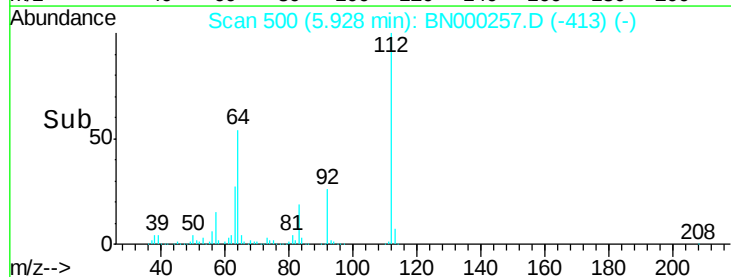
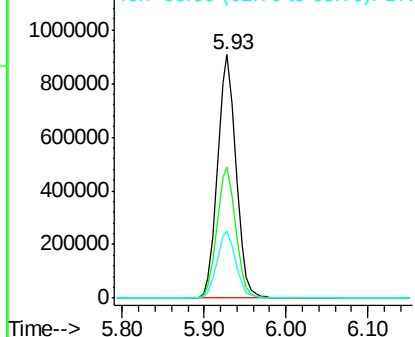
#5

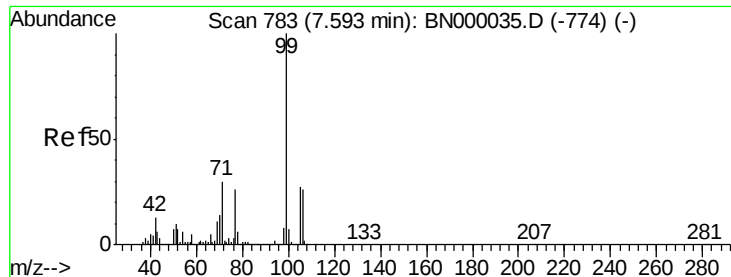
2-Fluorophenol
Concen: 118.747 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion	112	Resp	1433670
Ion	Ratio	Lower	Upper
112	100		
64	53.8	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: 111.225 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

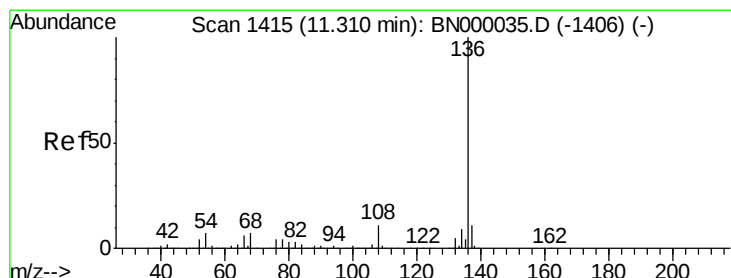
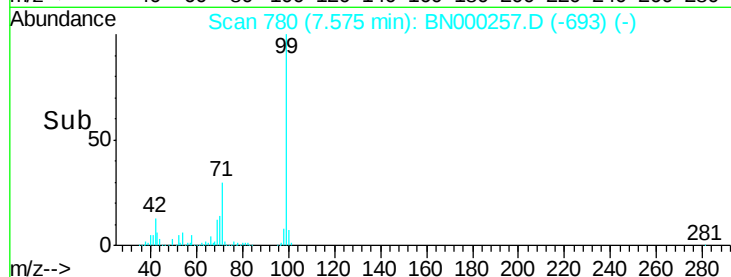
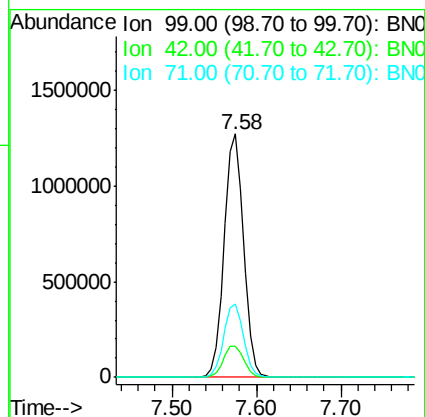
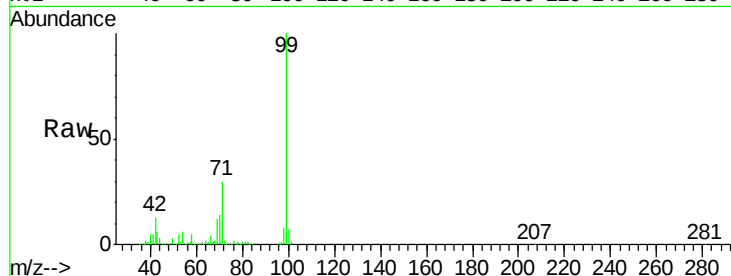
BNA_N

ClientSampleId :

PB107064BL

Tot Ion: 99 Resp: 2034092

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.1	21.1#
71	30.4	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

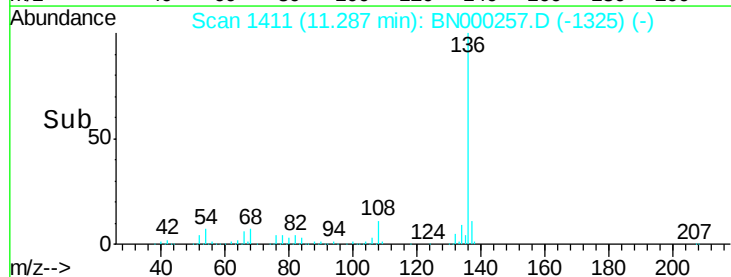
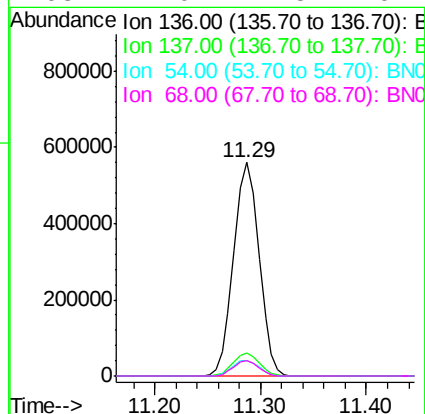
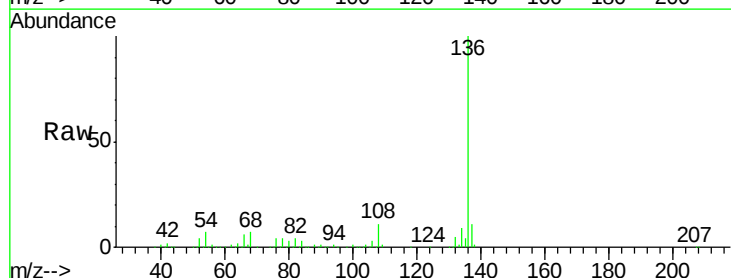
Delta R.T. -0.02 min

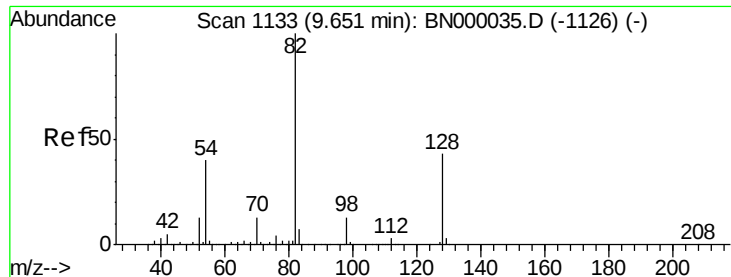
Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Tgt Ion: 136 Resp: 938514

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	10.3	15.5#
68	7.0	4.5	6.7#

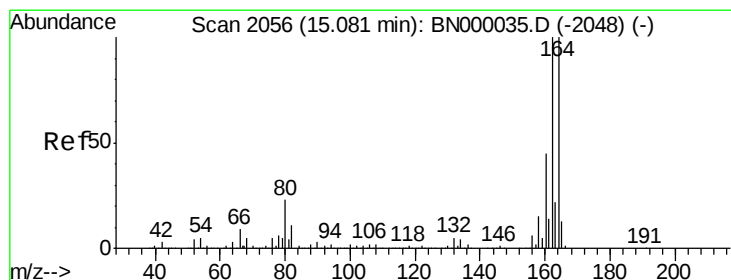
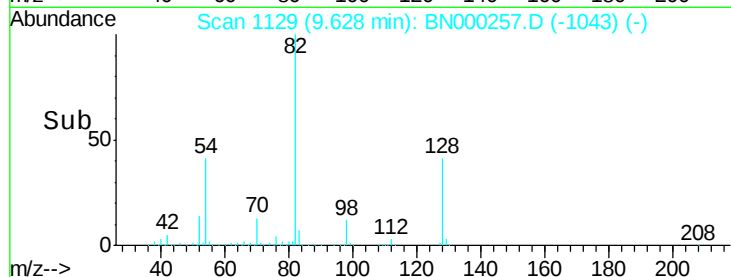
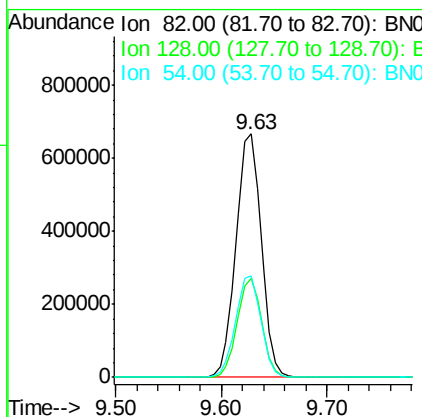
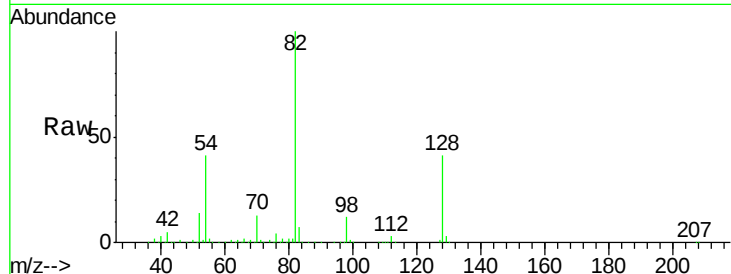




#23
Nitrobenzene-d5
Concen: 69.837 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

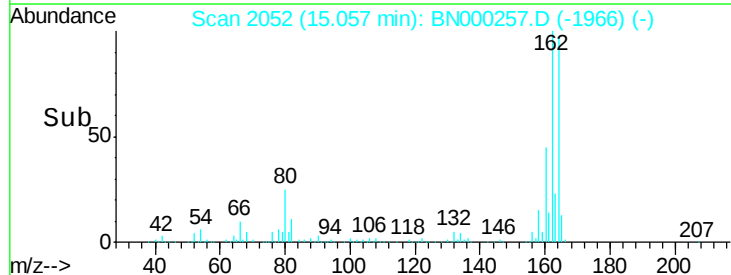
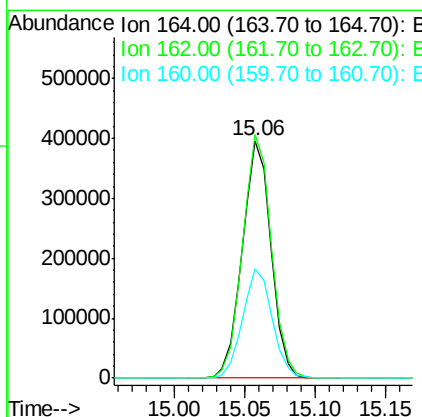
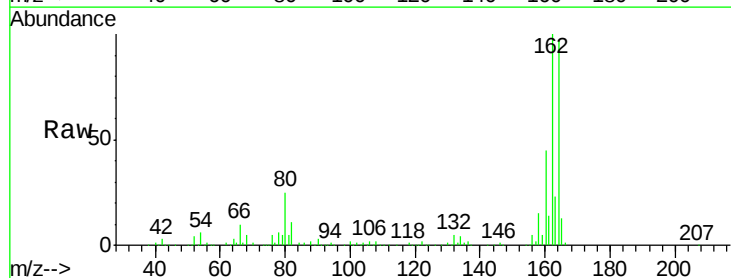
Instrument :
BNA_N
ClientSampleId :
PB107064BL

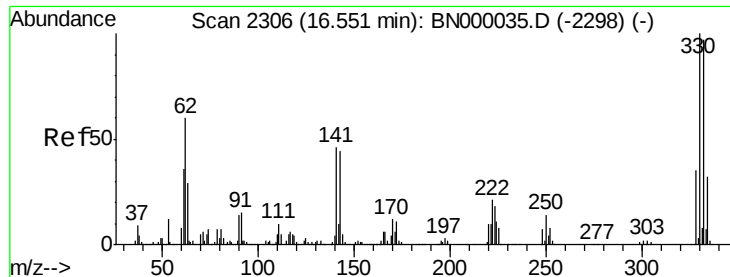
Tot Ion: 82 Resp: 1102379
Ion Ratio Lower Upper
82 100
128 40.8 29.7 44.5
54 41.5 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BN000257.D
Acq: 06 Mar 2018 11:22

Tgt Ion:164 Resp: 562401
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 46.1 35.4 53.0

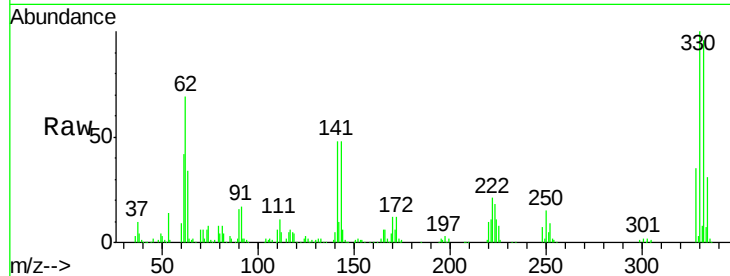




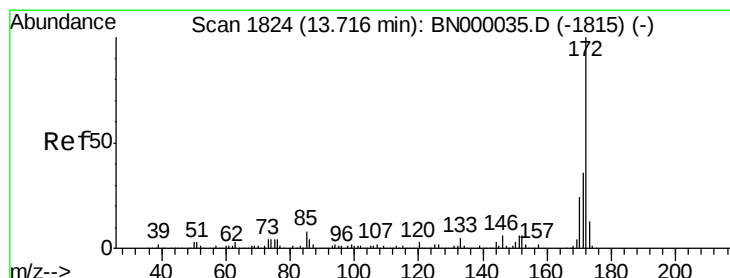
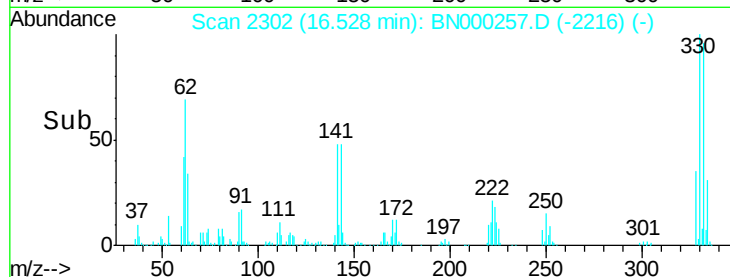
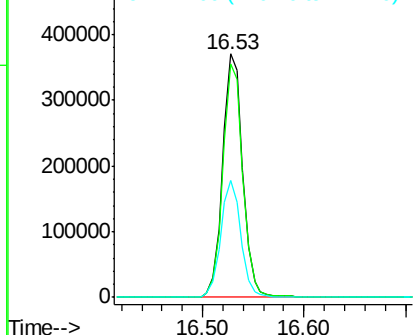
#41
 2,4,6-Tribromophenol
 Concen: 91.515 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

Instrument :
 BNA_N
 ClientSampleId :
 PB107064BL

Tot Ion:330 Resp: 509456
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 48.5 25.2 37.8#

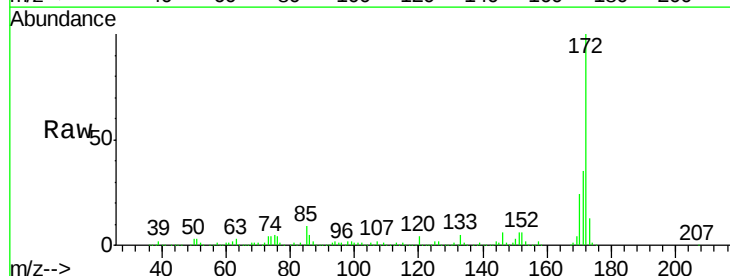


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

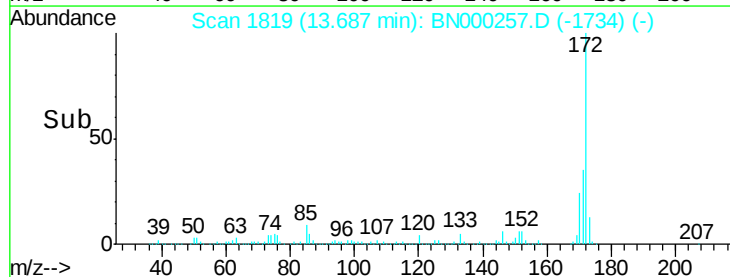
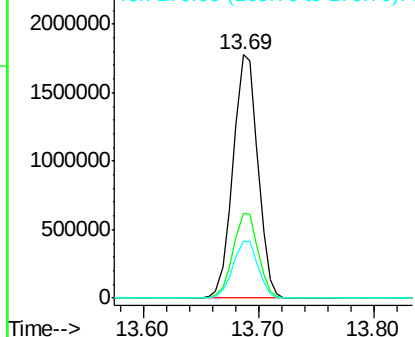


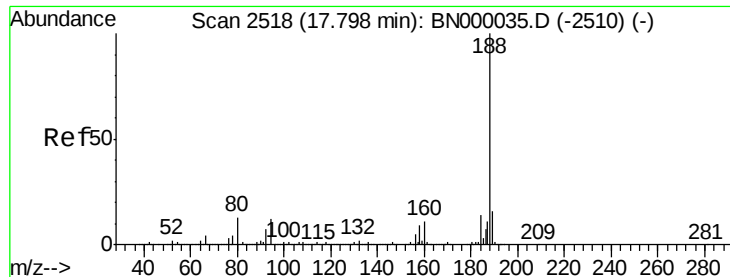
#44
 2-Fluorobiphenyl
 Concen: 66.343 ng
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.03 min
 Lab File: BN000257.D
 Acq: 06 Mar 2018 11:22

Tgt Ion:172 Resp: 2647282
 Ion Ratio Lower Upper
 172 100
 171 35.0 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: 17.78 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

BNA_N

ClientSampleId :

PB107064BL

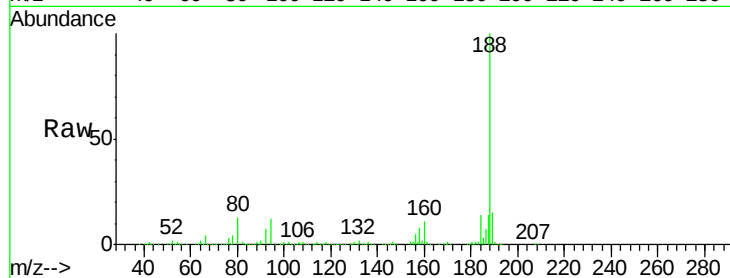
Tot Ion:188 Resp: 1282181

Ion Ratio Lower Upper

188 100

94 11.8 6.9 10.3#

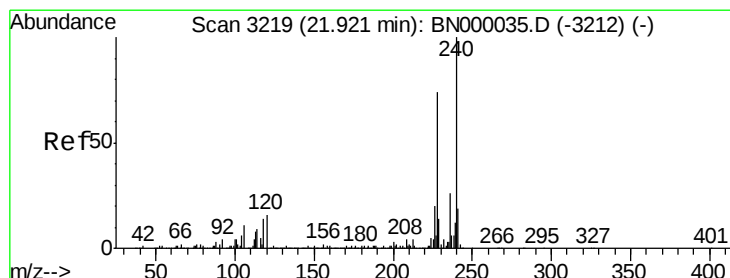
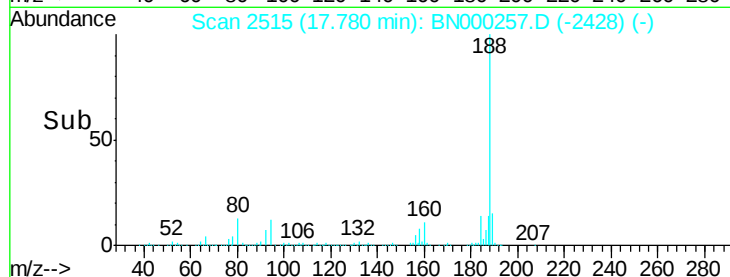
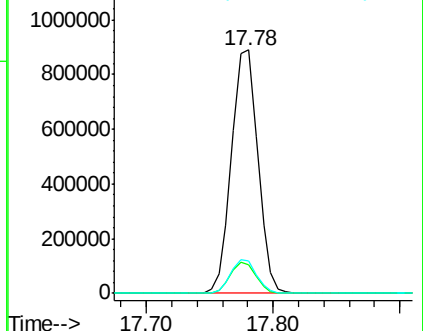
80 13.1 7.7 11.5#



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: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

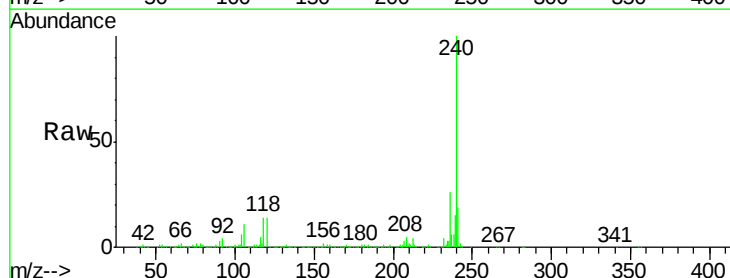
Tgt Ion:240 Resp: 1259602

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

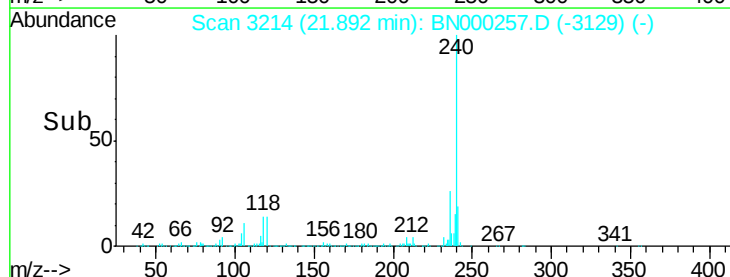
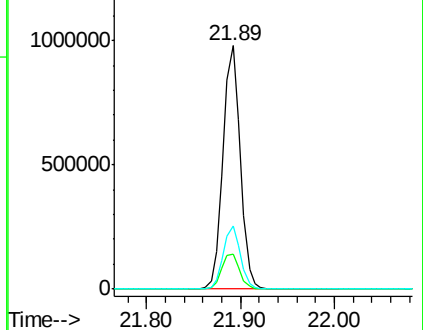
236 25.9 20.9 31.3

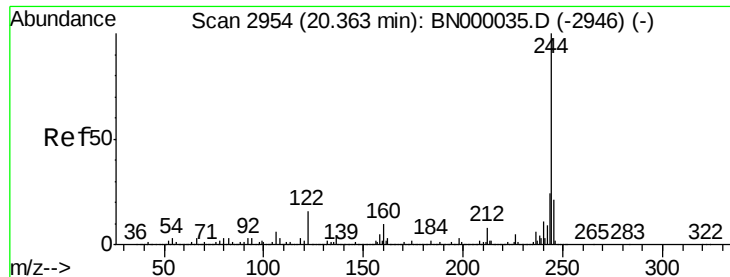


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.052 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

Instrument :

BNA_N

ClientSampleId :

PB107064BL

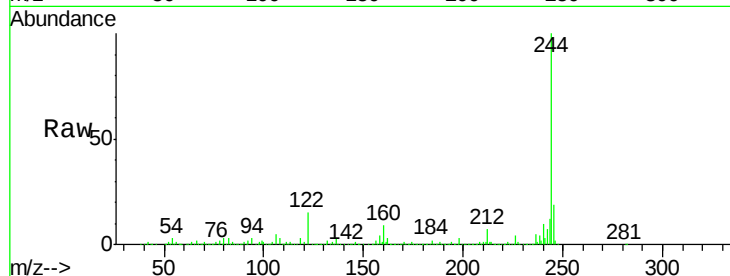
Tot Ion:244 Resp: 3734405

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

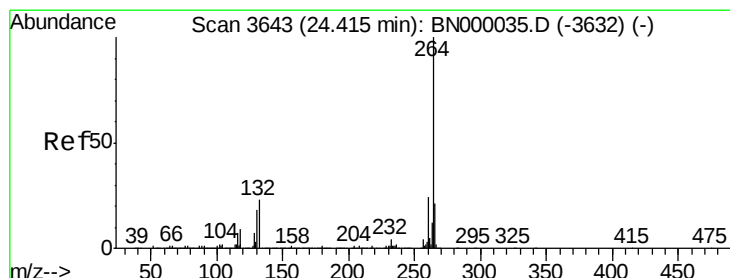
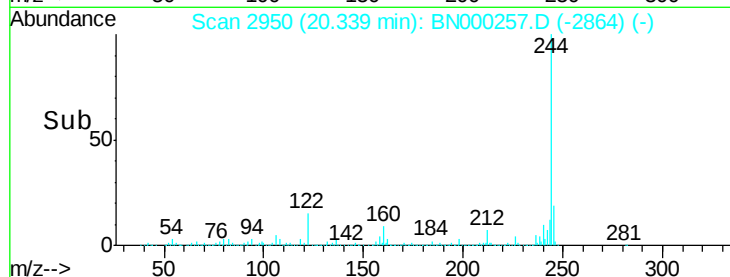
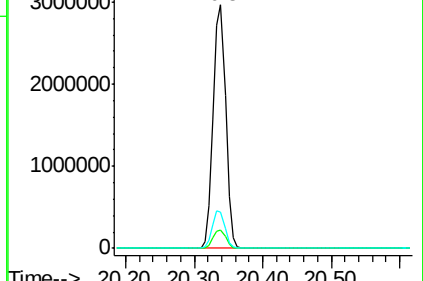
122 14.8 7.0 10.4#



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: 24.36 min Scan# 3634

Delta R.T. -0.05 min

Lab File: BN000257.D

Acq: 06 Mar 2018 11:22

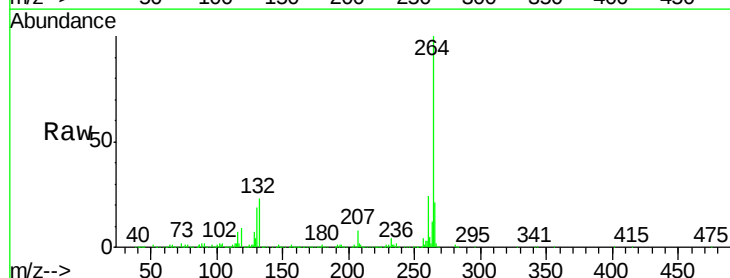
Tgt Ion:264 Resp: 1263622

Ion Ratio Lower Upper

264 100

260 24.2 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

