

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
 Data File : BN000125.D
 Acq On : 19 Feb 2018 23:55
 Operator : JU/SJ
 Sample : J1591-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MH-27

Quant Time: Feb 20 04:12:47 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

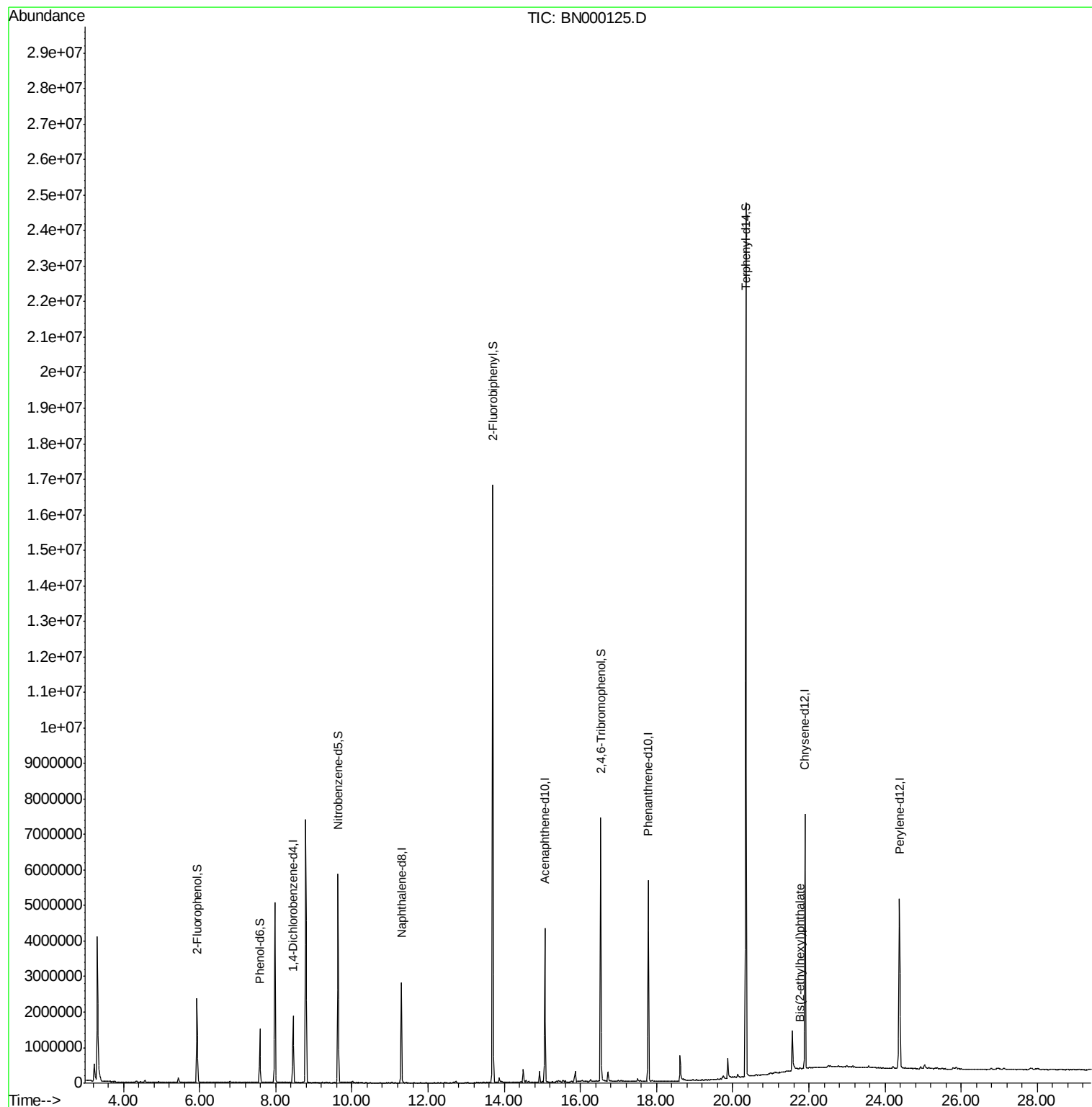
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	485779	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2358473	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1373615	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	3019711	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3132062	20.00	ng	-0.02
86) Perylene-d12	24.38	264	3384221	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1171476	39.30	ng	-0.01
7) Phenol-d6	7.58	99	964415	21.36	ng	-0.01
23) Nitrobenzene-d5	9.63	82	3704208	93.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	1067479	78.51	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	8232434	84.47	ng	-0.02
78) Terphenyl-d14	20.34	244	10333181	89.08	ng	-0.02
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	21.77	149	20932	3.044	ng	Qvalue 97

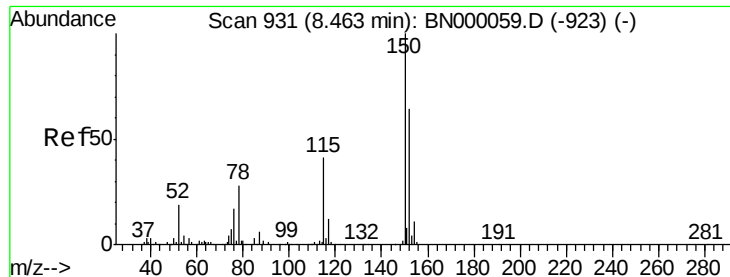
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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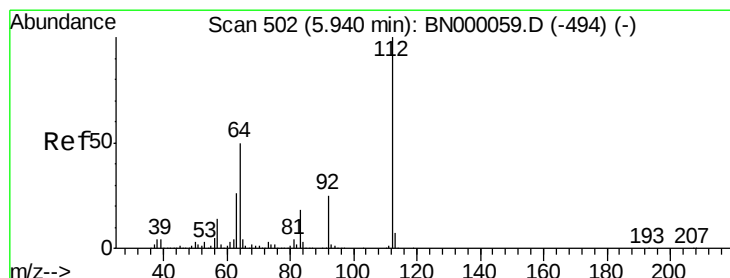
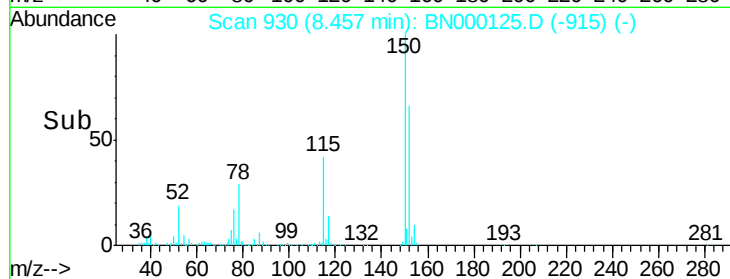
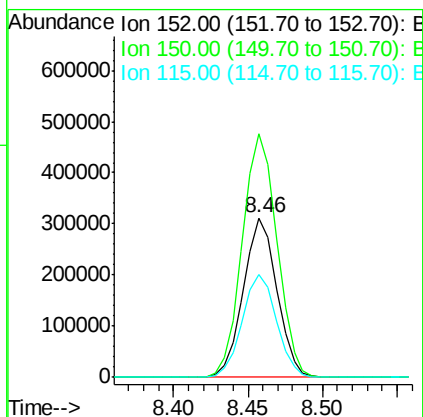
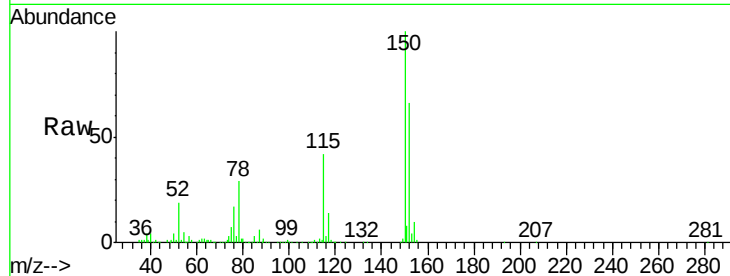


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Instrument :
BNA_N
ClientSampleId :
MH-27

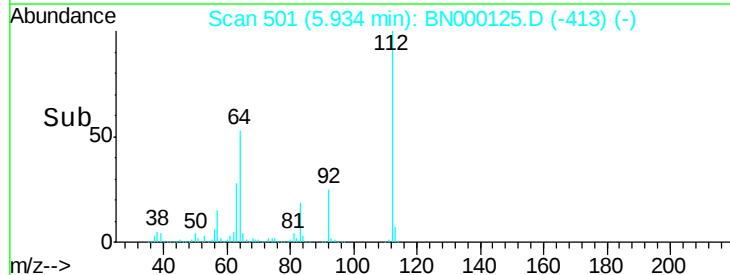
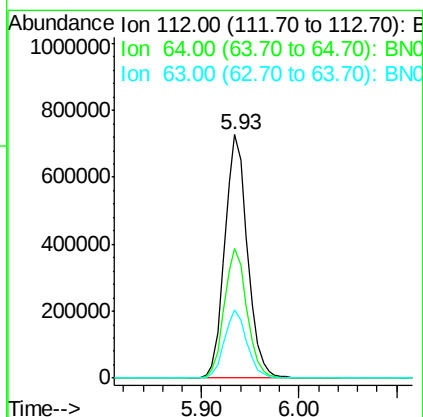
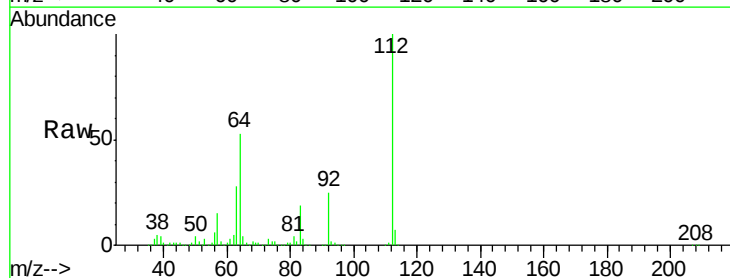
Tot Ion:152 Resp: 485779
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 64.1 53.0 79.4

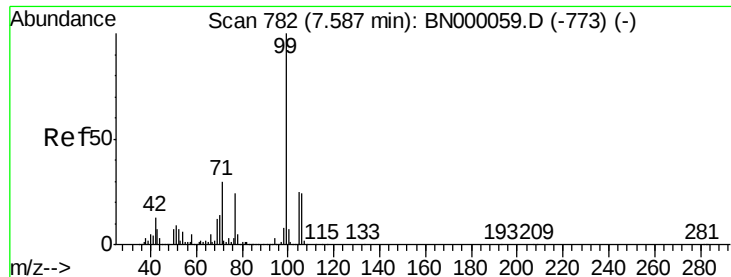


#5

2-Fluorophenol
Concen: 39.303 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Tgt Ion:112 Resp: 1171476
Ion Ratio Lower Upper
112 100
64 53.4 56.3 84.5#
63 27.9 30.1 45.1#





#7

Phenol-d6

Concen: 21.360 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

MH-27

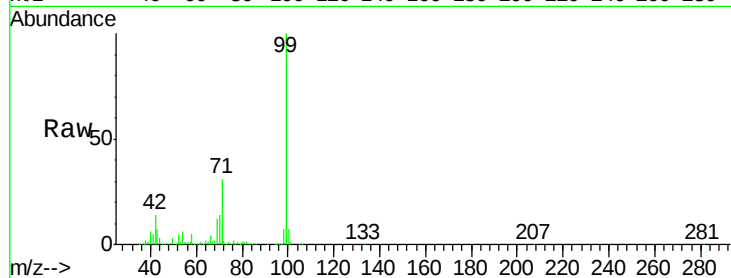
Tot Ion: 99 Resp: 964415

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

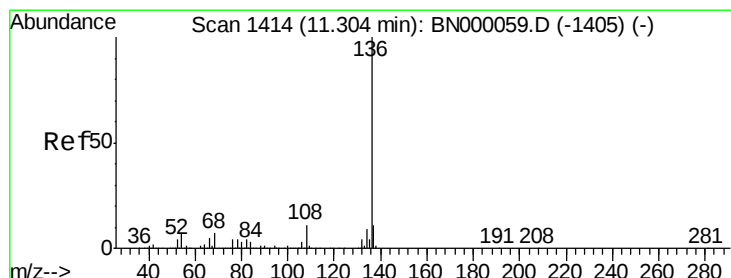
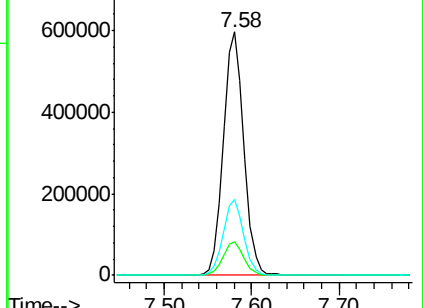
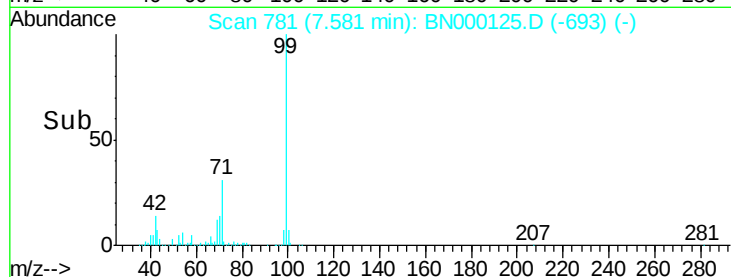
71 31.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Tgt Ion: 136 Resp: 2358473

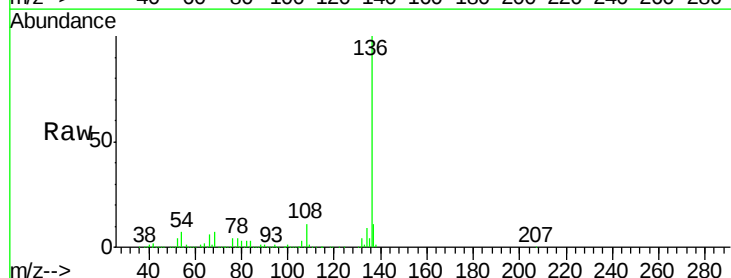
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.3 10.3 15.5#

68 6.8 4.5 6.7#

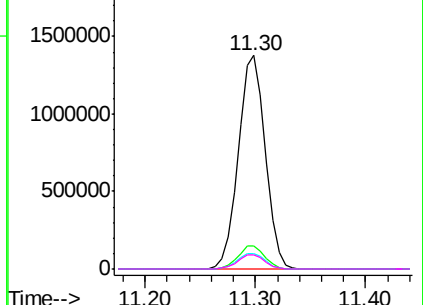
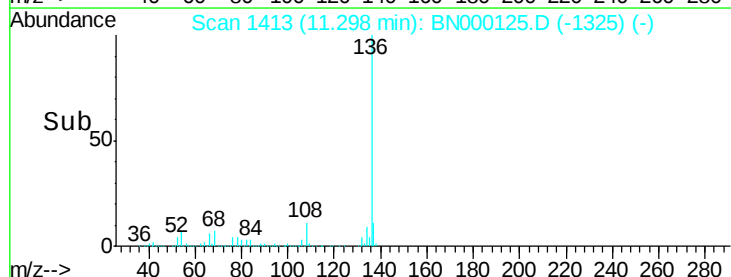


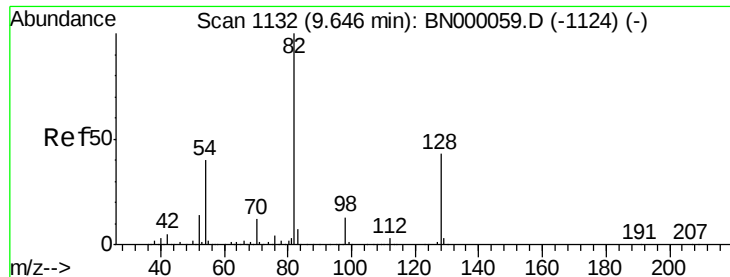
Abundance Ion 136.00 (135.70 to 136.70): BN000059.D (-1405) (-)

Ion 137.00 (136.70 to 137.70): BN000059.D (-1405) (-)

Ion 54.00 (53.70 to 54.70): BN000059.D (-1405) (-)

Ion 68.00 (67.70 to 68.70): BN000059.D (-1405) (-)

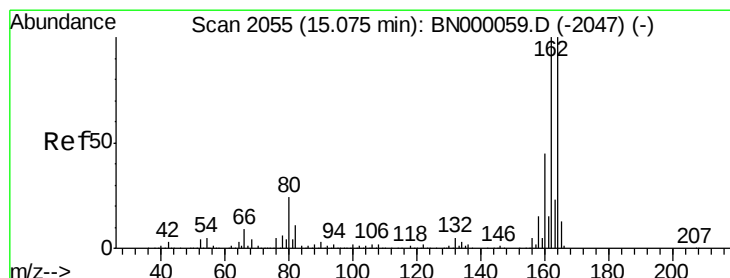
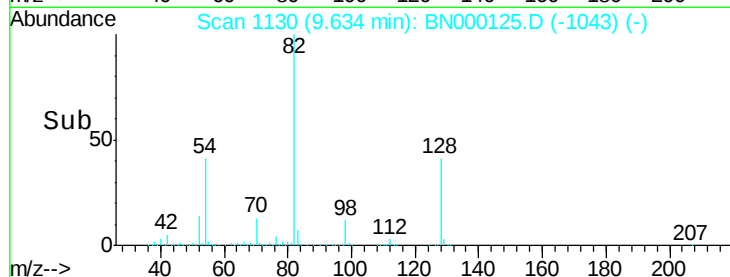
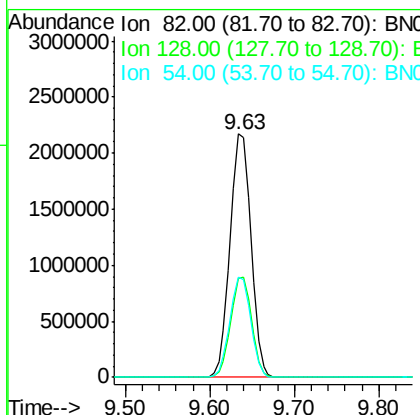
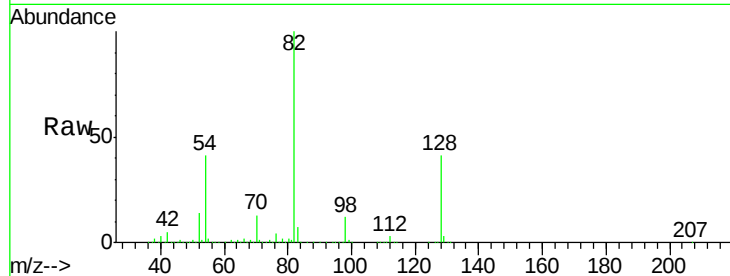




#23
 Nitrobenzene-d5
 Concen: 93.381 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

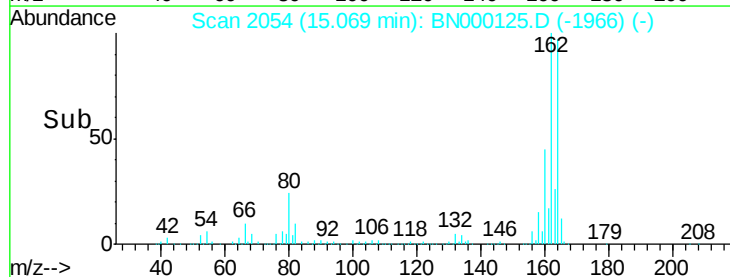
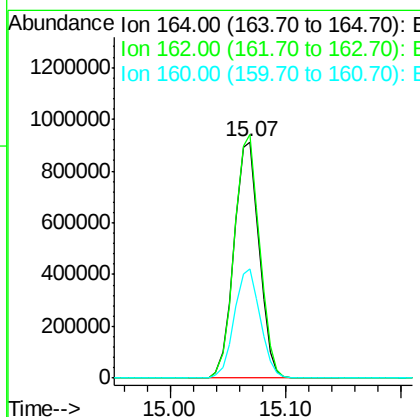
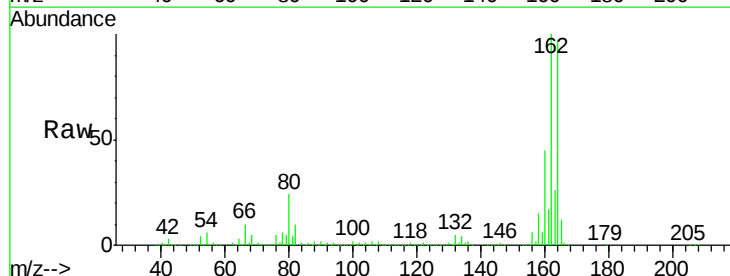
Instrument :
 BNA_N
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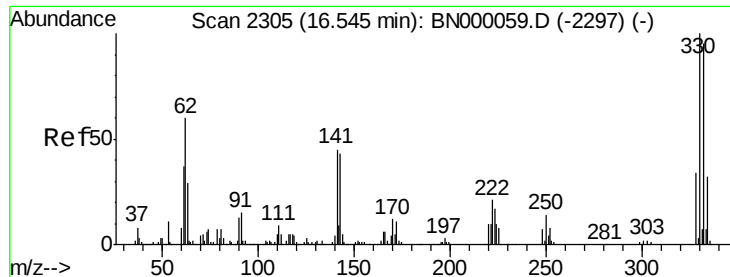
Tot Ion: 82 Resp: 3704208
 Ion Ratio Lower Upper
 82 100
 128 40.6 29.7 44.5
 54 41.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BN000125.D
 Acq: 19 Feb 2018 23:55

Tgt Ion:164 Resp: 1373615
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 46.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 78.510 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

MH-27

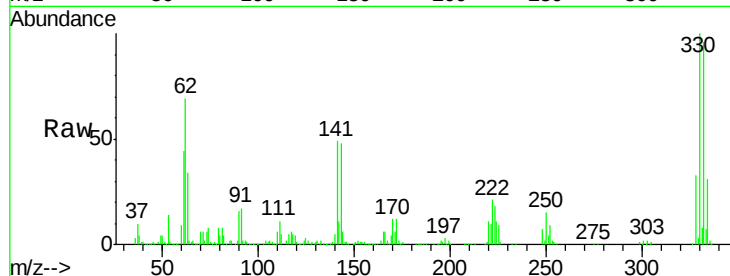
Tot Ion:330 Resp: 1067479

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

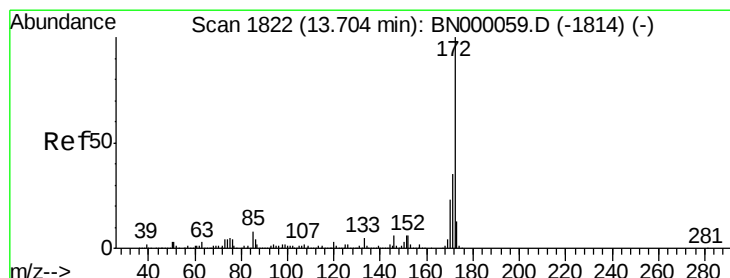
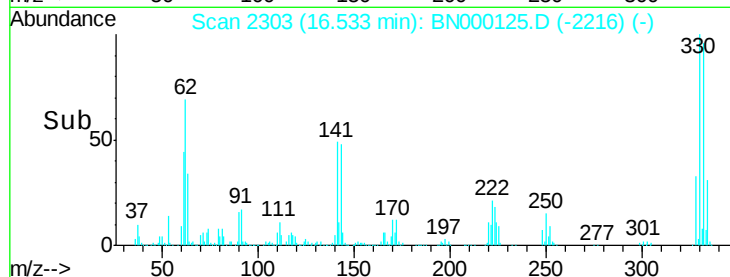
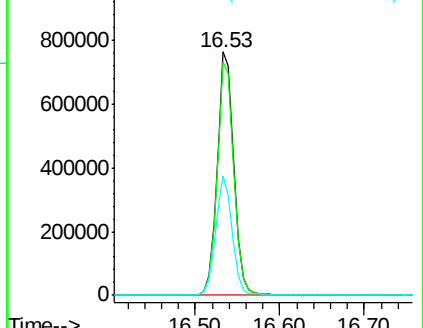
141 49.4 25.2 37.8#



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: 84.470 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

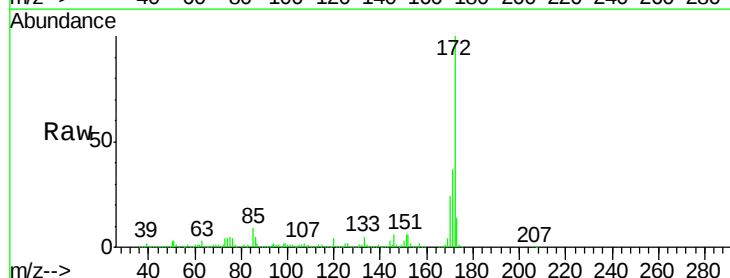
Tgt Ion:172 Resp: 8232434

Ion Ratio Lower Upper

172 100

171 36.7 30.0 45.0

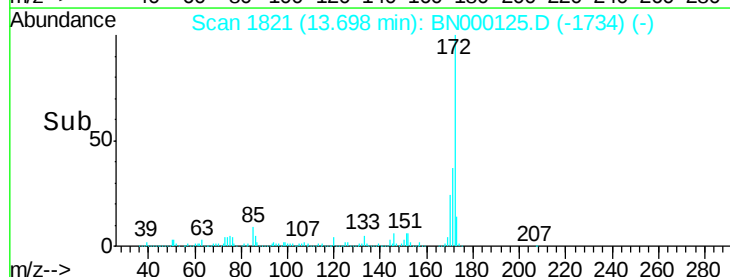
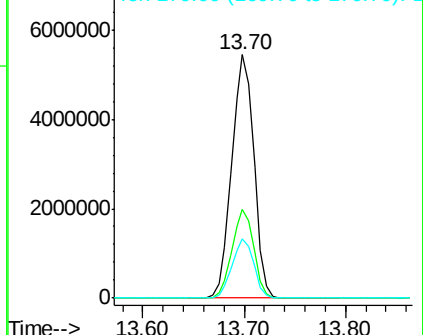
170 24.4 19.5 29.3

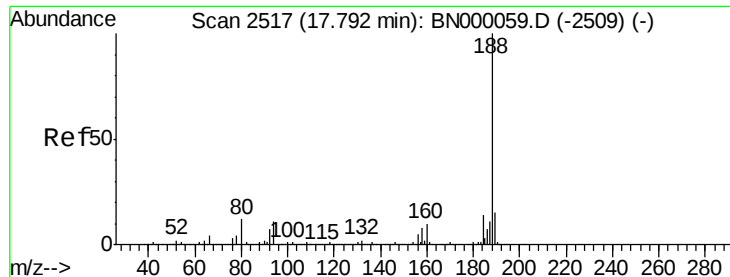


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

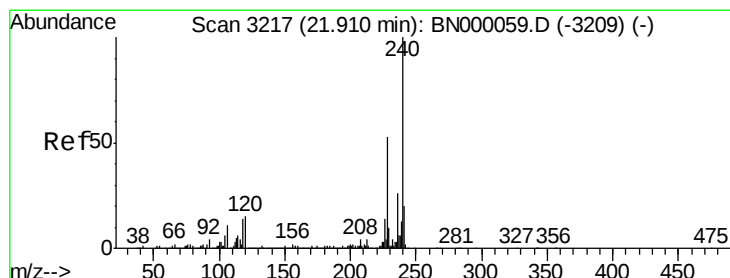
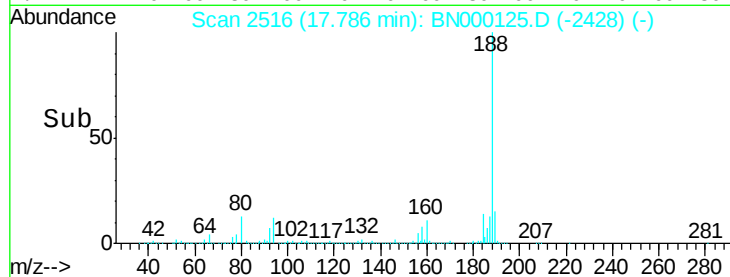
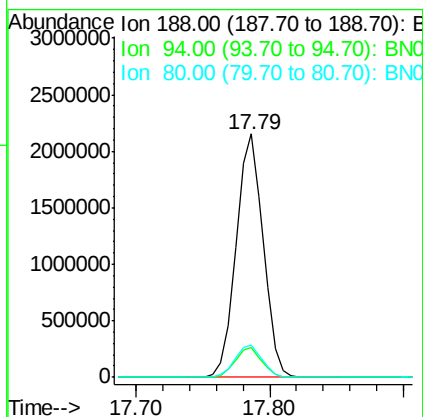
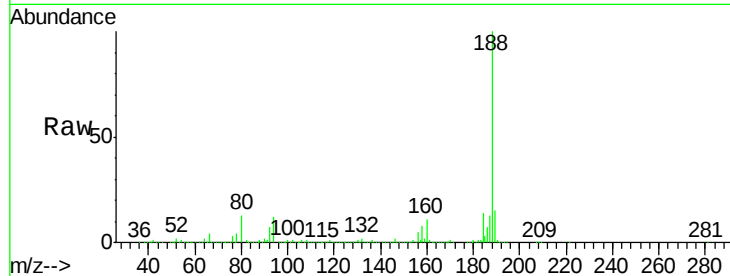




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

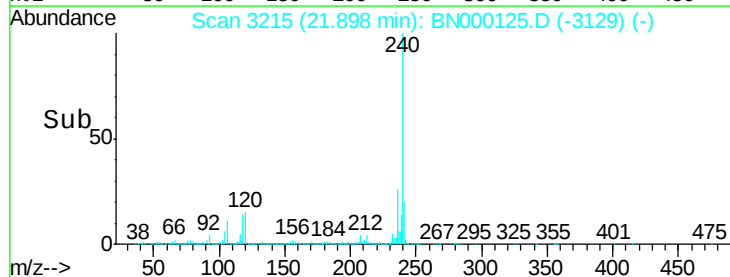
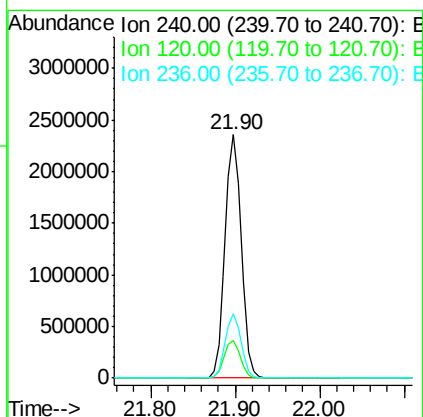
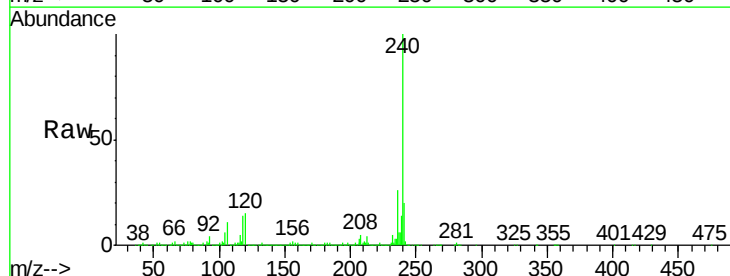
Instrument :
BNA_N
ClientSampled :
MH-27

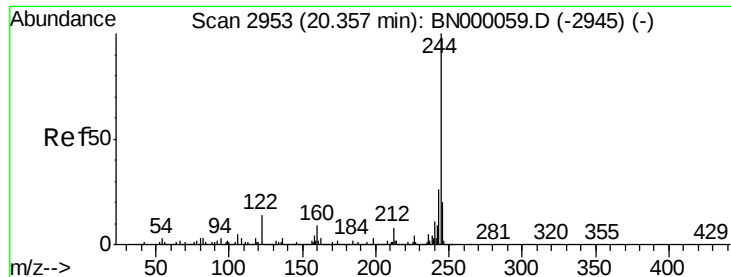
Tot Ion:188 Resp: 3019711
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 13.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000125.D
Acq: 19 Feb 2018 23:55

Tgt Ion:240 Resp: 3132062
Ion Ratio Lower Upper
240 100
120 15.5 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.082 ng

RT: 20.34 min Scan# 2951

Delta R.T. -0.02 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampled :

MH-27

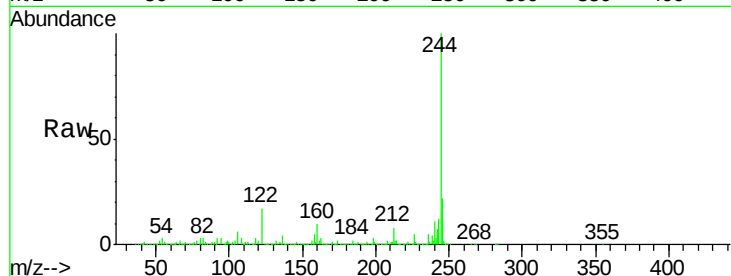
Tot Ion:244 Resp:10333181

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

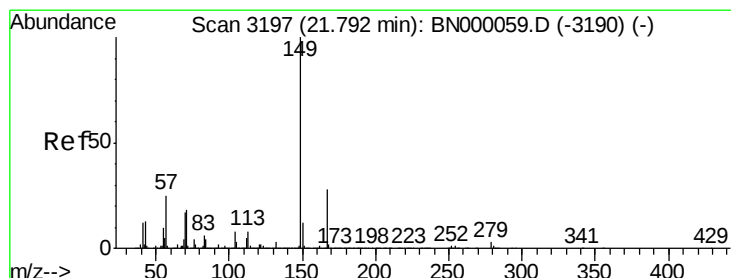
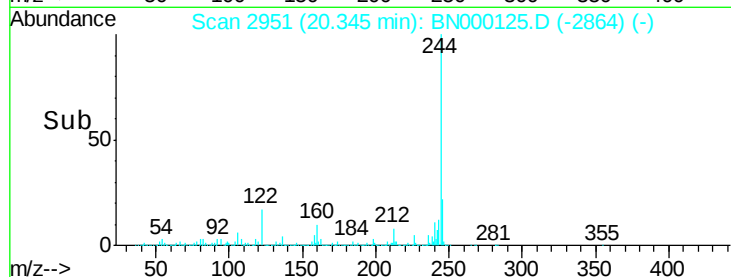
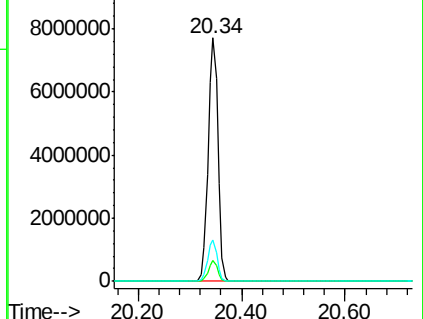
122 17.2 7.0 10.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.044 ng

RT: 21.77 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

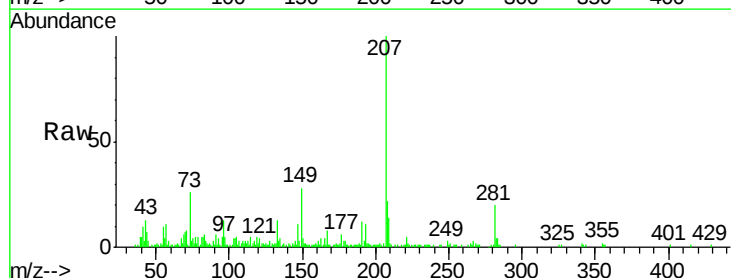
Tgt Ion:149 Resp: 20932

Ion Ratio Lower Upper

149 100

167 28.4 24.3 36.5

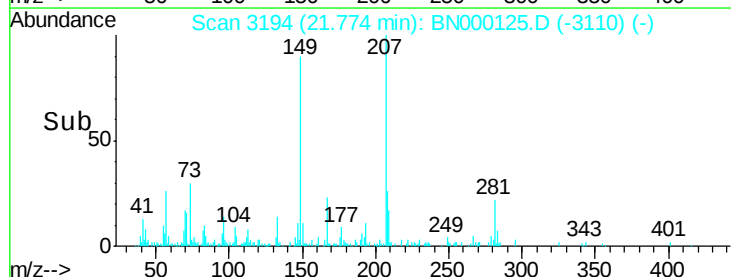
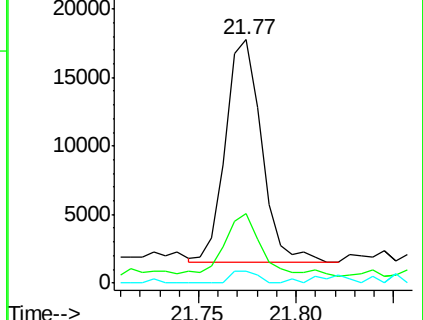
279 4.8 4.0 6.0

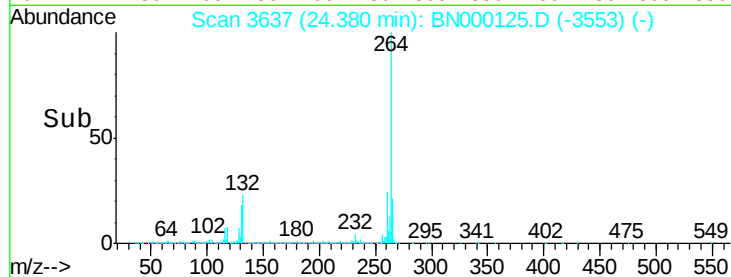
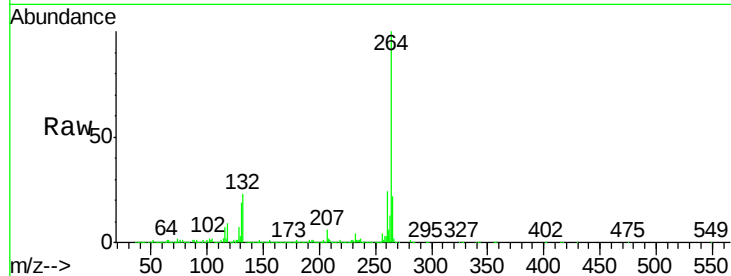
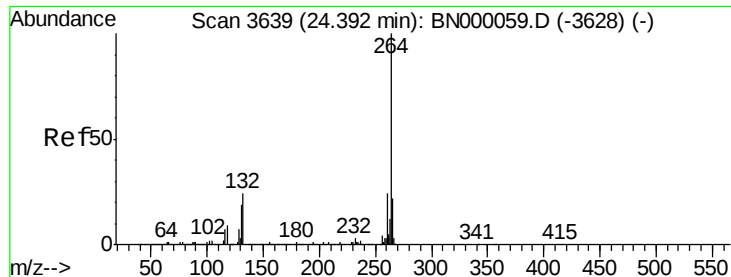


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.38 min Scan# 3637

Delta R.T. -0.04 min

Lab File: BN000125.D

Acq: 19 Feb 2018 23:55

Instrument :

BNA_N

ClientSampleId :

MH-27

Tot Ion:264 Resp: 3384221

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.5 17.7 26.5

