

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010919.D
 Acq On : 20 Jul 2017 21:29
 Operator : SJ/JU
 Sample : I4265-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-071817

Quant Time: Jul 21 04:15:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	176603	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	667221	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	449887	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1153010	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1235295	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1027226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1377835	129.24	ng	0.00
7) Phenol-d6	6.63	99	1654536	112.57	ng	0.00
23) Nitrobenzene-d5	8.58	82	1681306	96.86	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	1031341	150.01	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3424023	94.68	ng	-0.01
78) Terphenyl-d14	19.50	244	5870529	91.91	ng	0.00

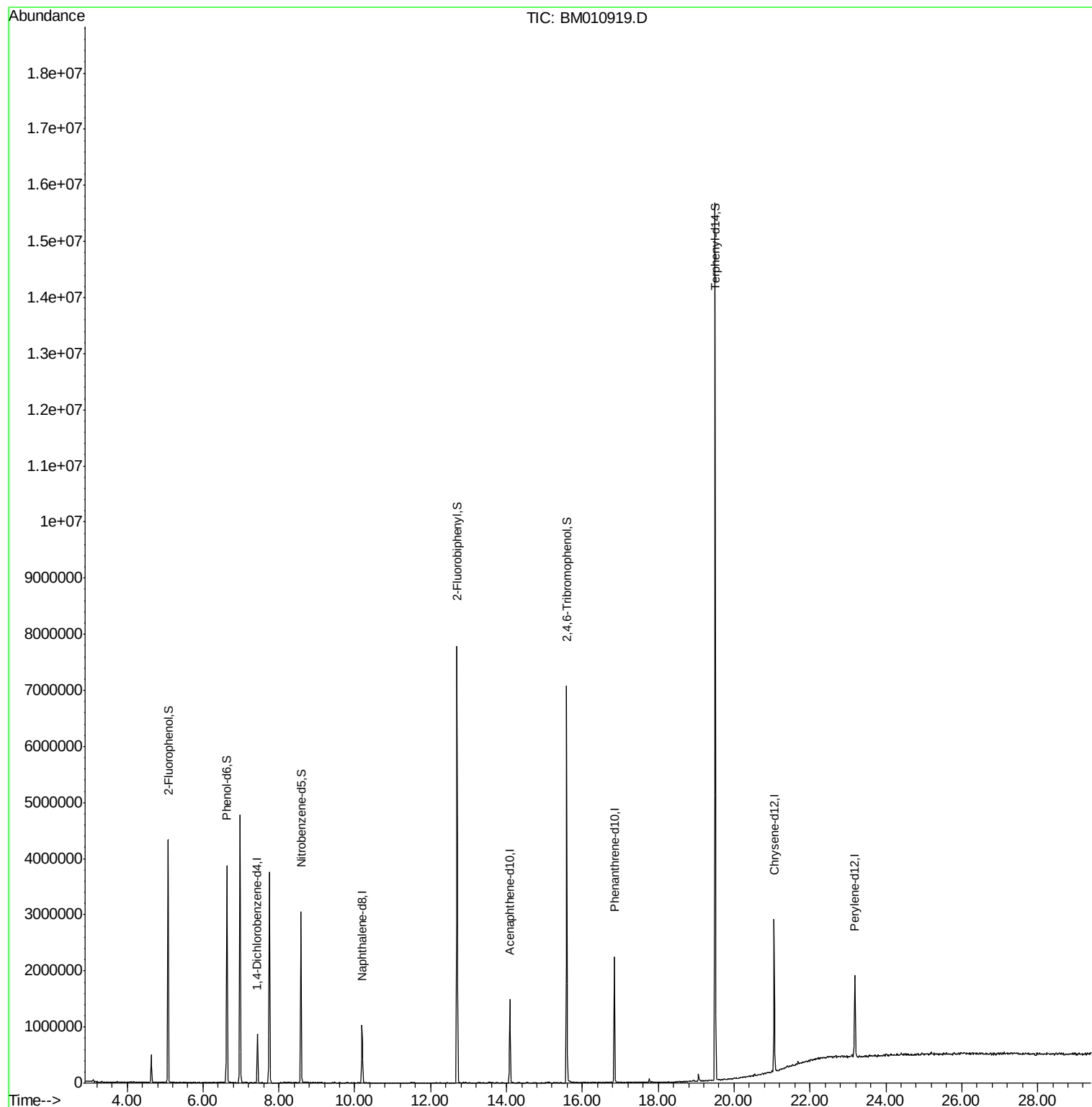
Target Compounds Qvalue

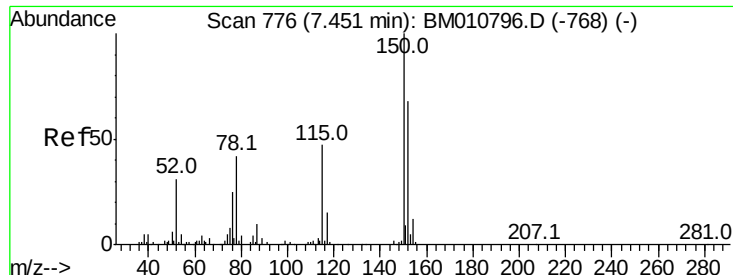
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010919.D
Acq On : 20 Jul 2017 21:29
Operator : SJ/JU
Sample : I4265-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-071817

Quant Time: Jul 21 04:15:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration



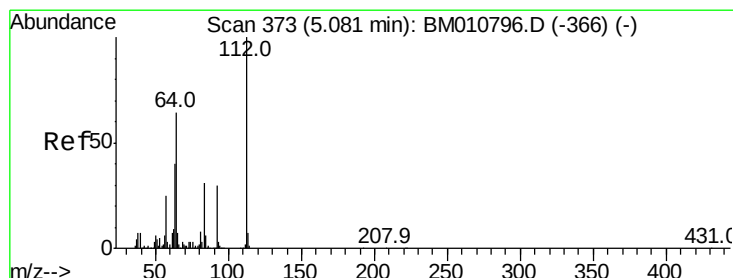
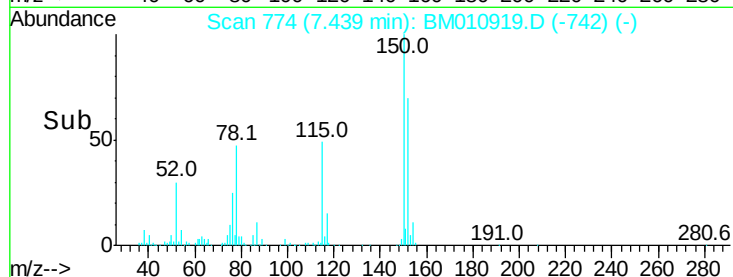
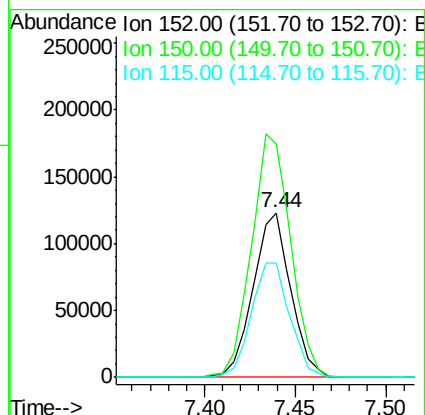
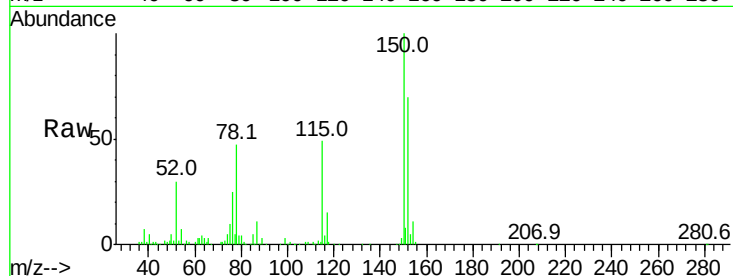


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010919.D
Acq: 20 Jul 2017 21:29

Instrument :
BNA_M
ClientSampleId :
SU-03-071817

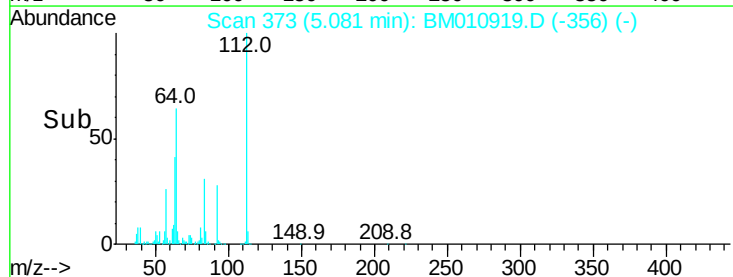
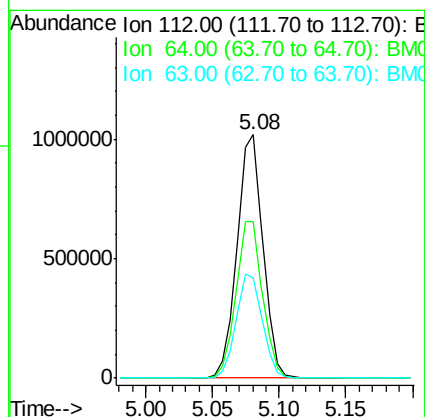
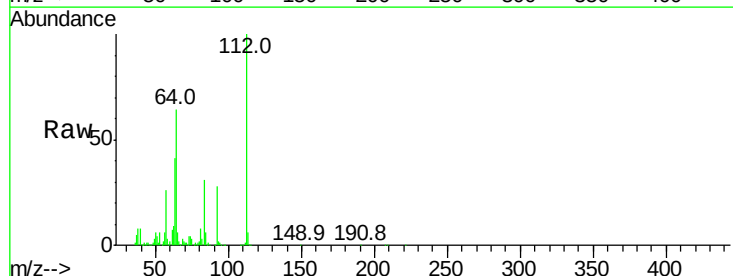
Tot Ion:152 Resp: 176603
Ion Ratio Lower Upper
152 100
150 142.2 119.5 179.3
115 69.7 43.0 64.4#

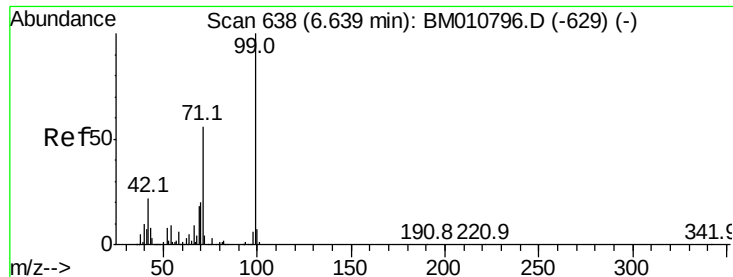


#5

2-Fluorophenol
Concen: 129.237 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010919.D
Acq: 20 Jul 2017 21:29

Tgt Ion:112 Resp: 1377835
Ion Ratio Lower Upper
112 100
64 64.2 38.6 57.8#
63 41.4 19.3 28.9#





#7

Phenol-d6

Concen: 112.573 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

SU-03-071817

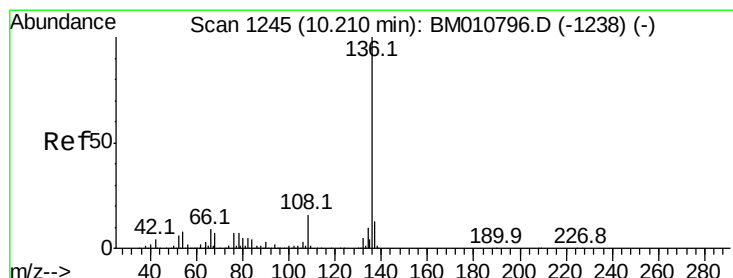
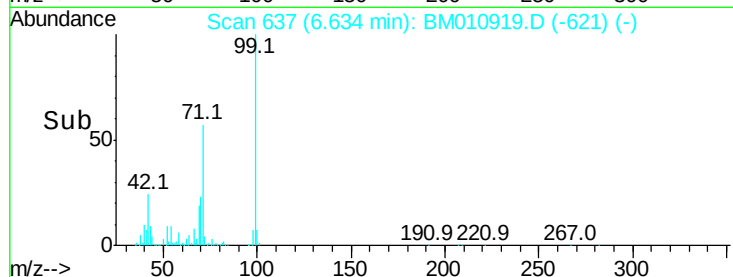
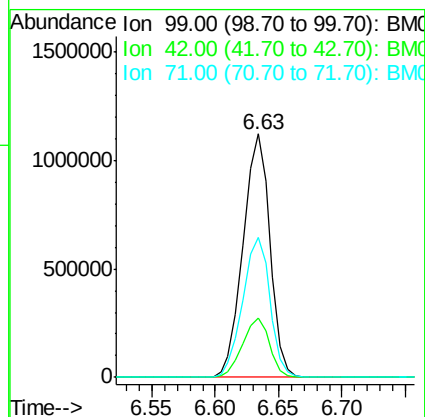
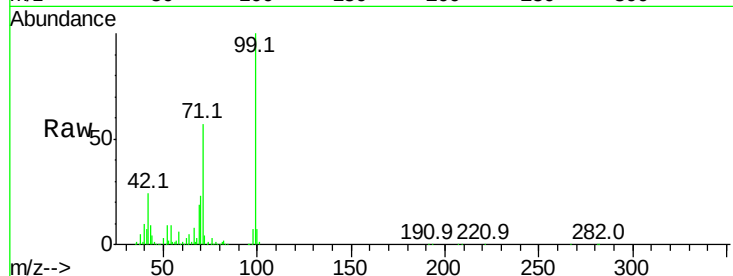
Tot Ion: 99 Resp: 1654536

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 57.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Tgt Ion: 136 Resp: 667221

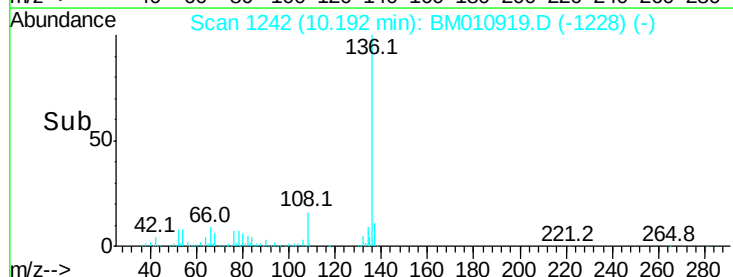
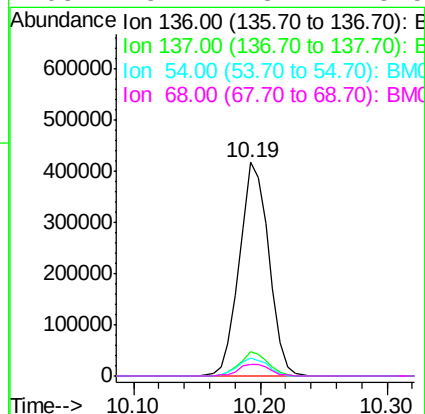
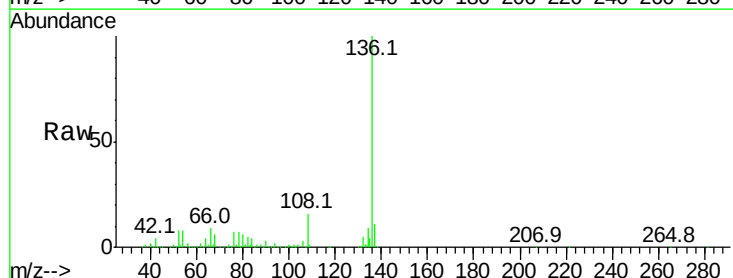
Ion Ratio Lower Upper

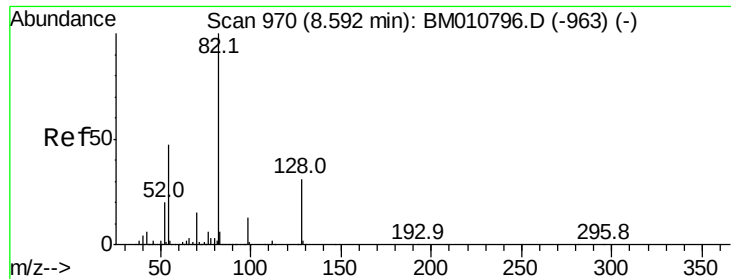
136 100

137 11.4 8.7 13.1

54 8.4 4.6 6.8#

68 5.7 3.7 5.5#

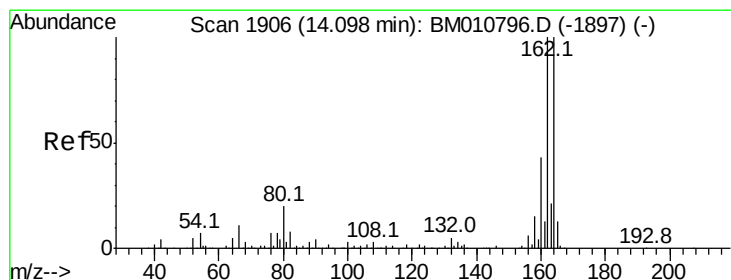
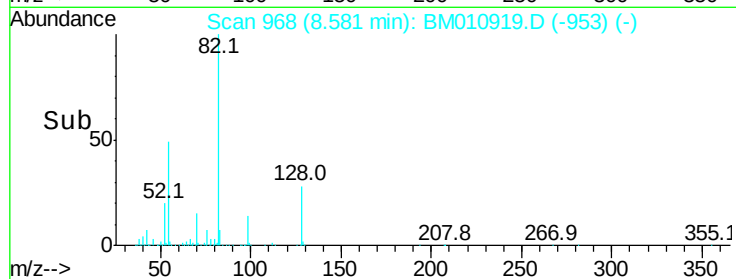
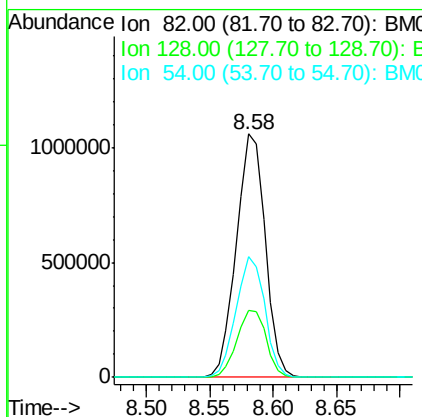
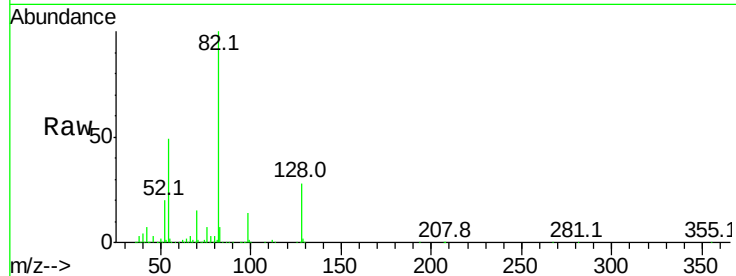




#23
 Nitrobenzene-d5
 Concen: 96.858 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010919.D
 Acq: 20 Jul 2017 21:29

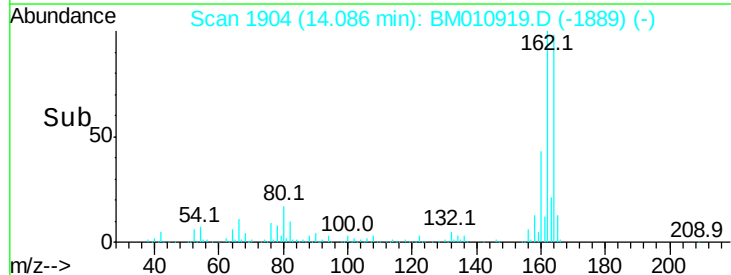
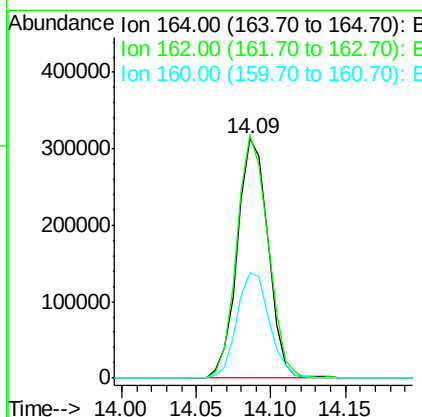
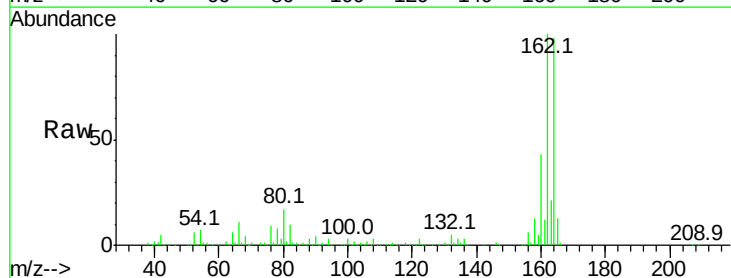
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-071817

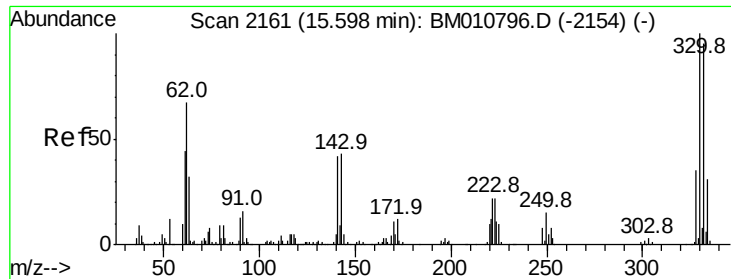
Tot Ion: 82 Resp: 1681306
 Ion Ratio Lower Upper
 82 100
 128 27.8 32.8 49.2#
 54 49.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010919.D
 Acq: 20 Jul 2017 21:29

Tgt Ion:164 Resp: 449887
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.4 123.6
 160 44.0 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 150.011 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

SU-03-071817

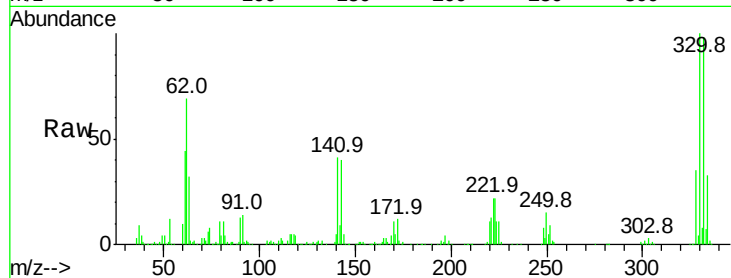
Tot Ion:330 Resp: 1031341

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

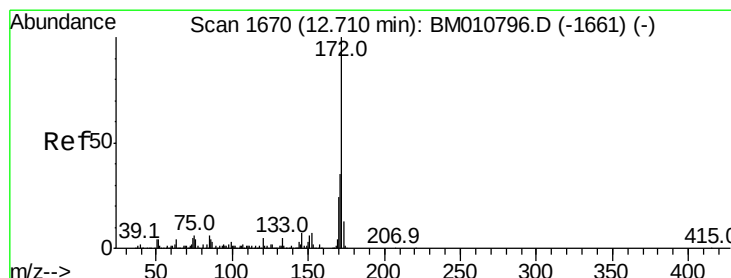
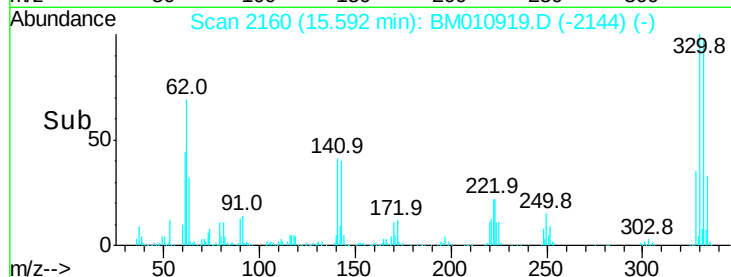
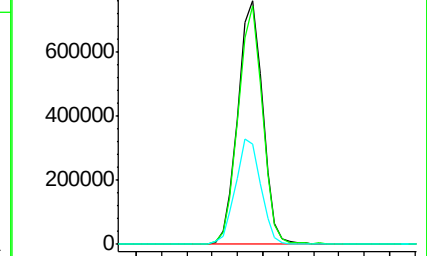
141 44.4 0.0 0.0#



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: 94.681 ng

RT: 12.70 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

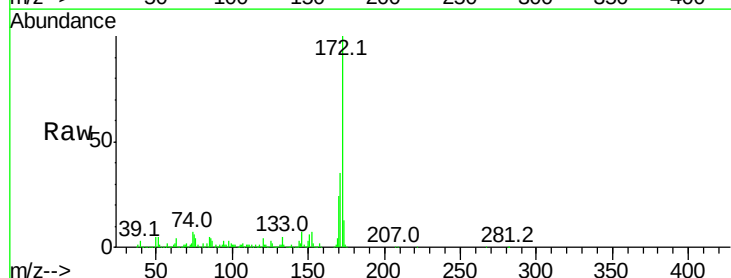
Tgt Ion:172 Resp: 3424023

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

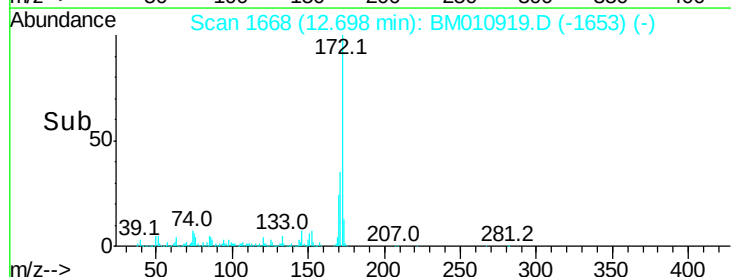
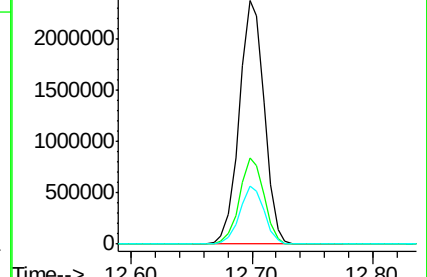
170 23.7 18.8 28.2

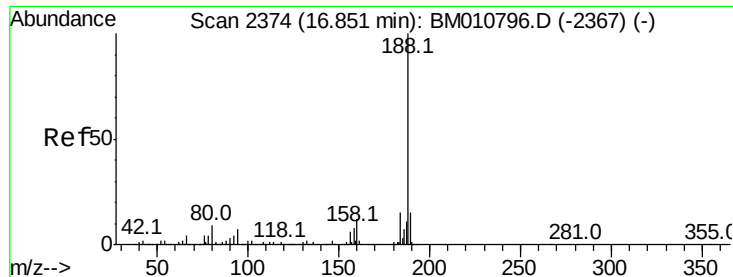


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

SU-03-071817

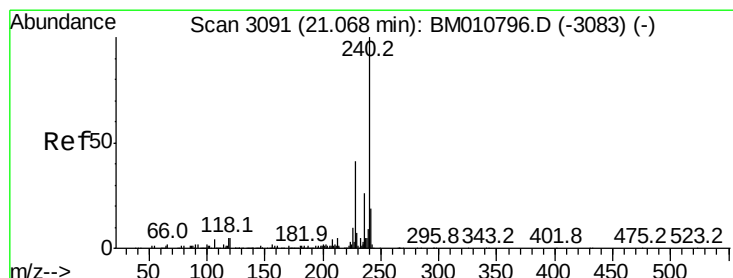
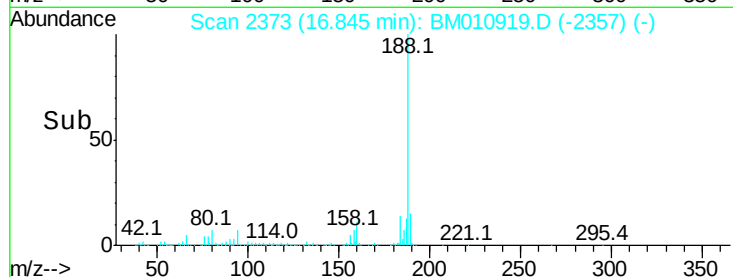
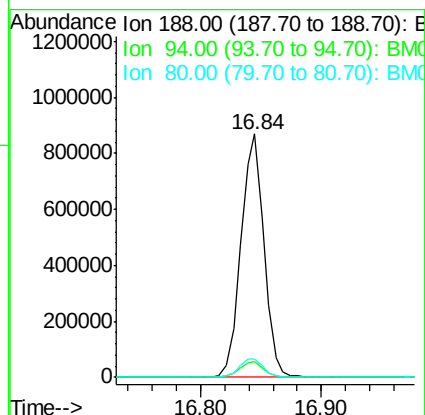
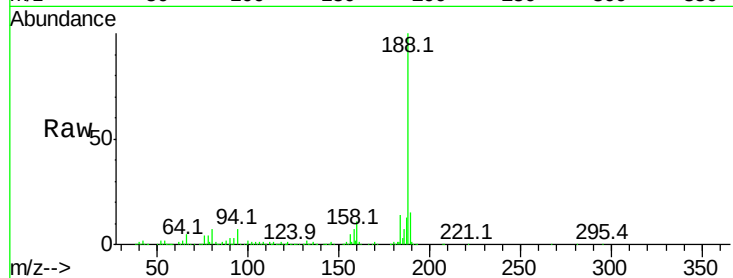
Tot Ion:188 Resp: 1153010

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

80 7.5 9.3 13.9#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

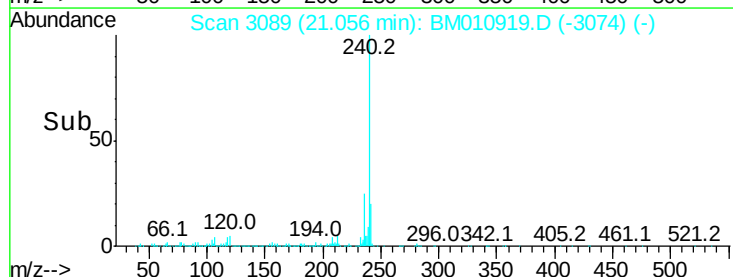
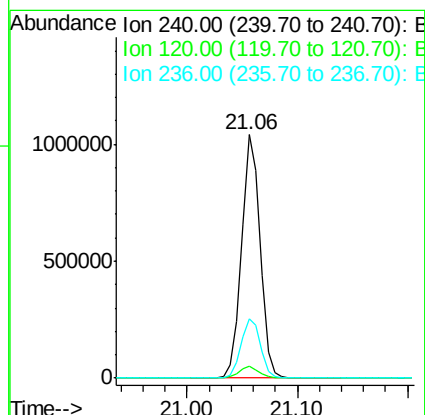
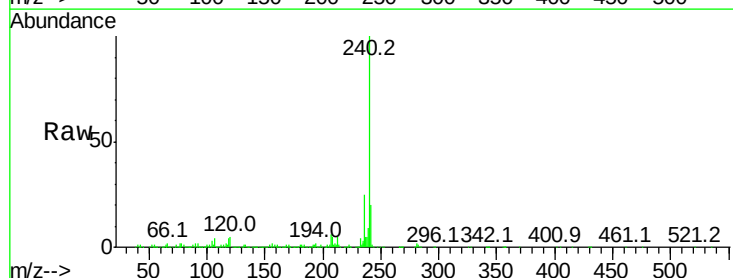
Tgt Ion:240 Resp: 1235295

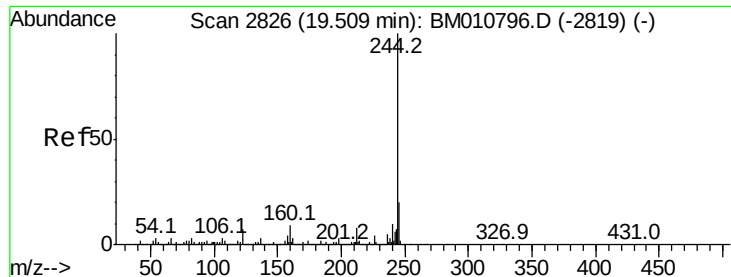
Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 91.915 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

SU-03-071817

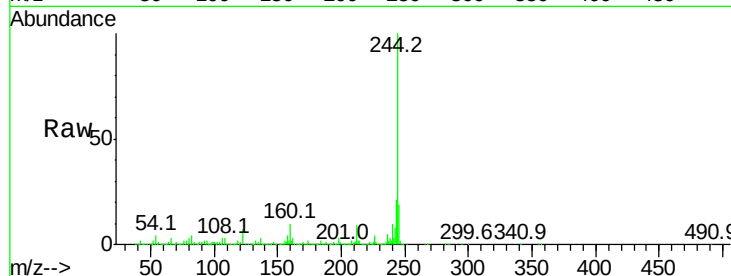
Tot Ion:244 Resp: 5870529

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

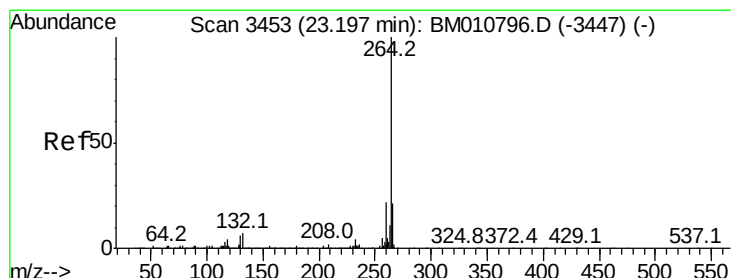
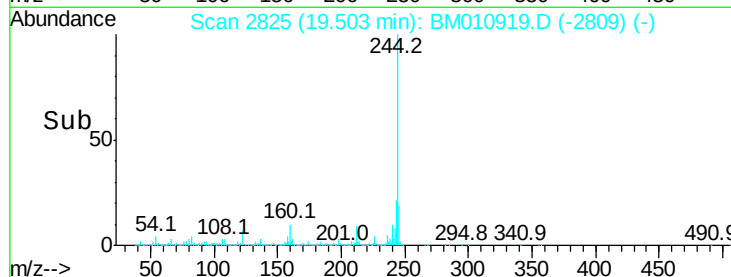
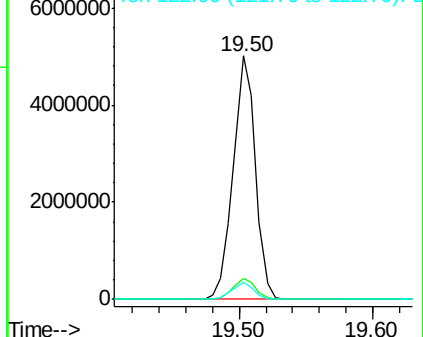
122 7.0 6.2 9.4



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: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

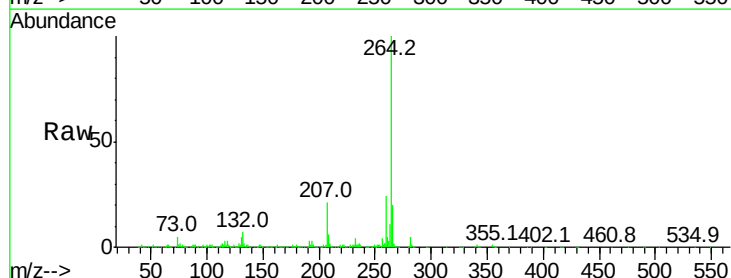
Tgt Ion:264 Resp: 1027226

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 20.4 17.3 25.9



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

