

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010878.D
 Acq On : 18 Jul 2017 19:41
 Operator : SJ/JU
 Sample : PB100721BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100721BL

Quant Time: Jul 19 01:02:13 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	301555	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1171502	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	741657	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1637210	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1442179	20.00	ng	0.00
86) Perylene-d12	23.19	264	1172411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2007188	110.26	ng	0.00
7) Phenol-d6	6.64	99	2640333	105.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	2022891	66.37	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1063683	93.85	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4055173	68.02	ng	0.00
78) Terphenyl-d14	19.50	244	4808772	64.49	ng	0.00

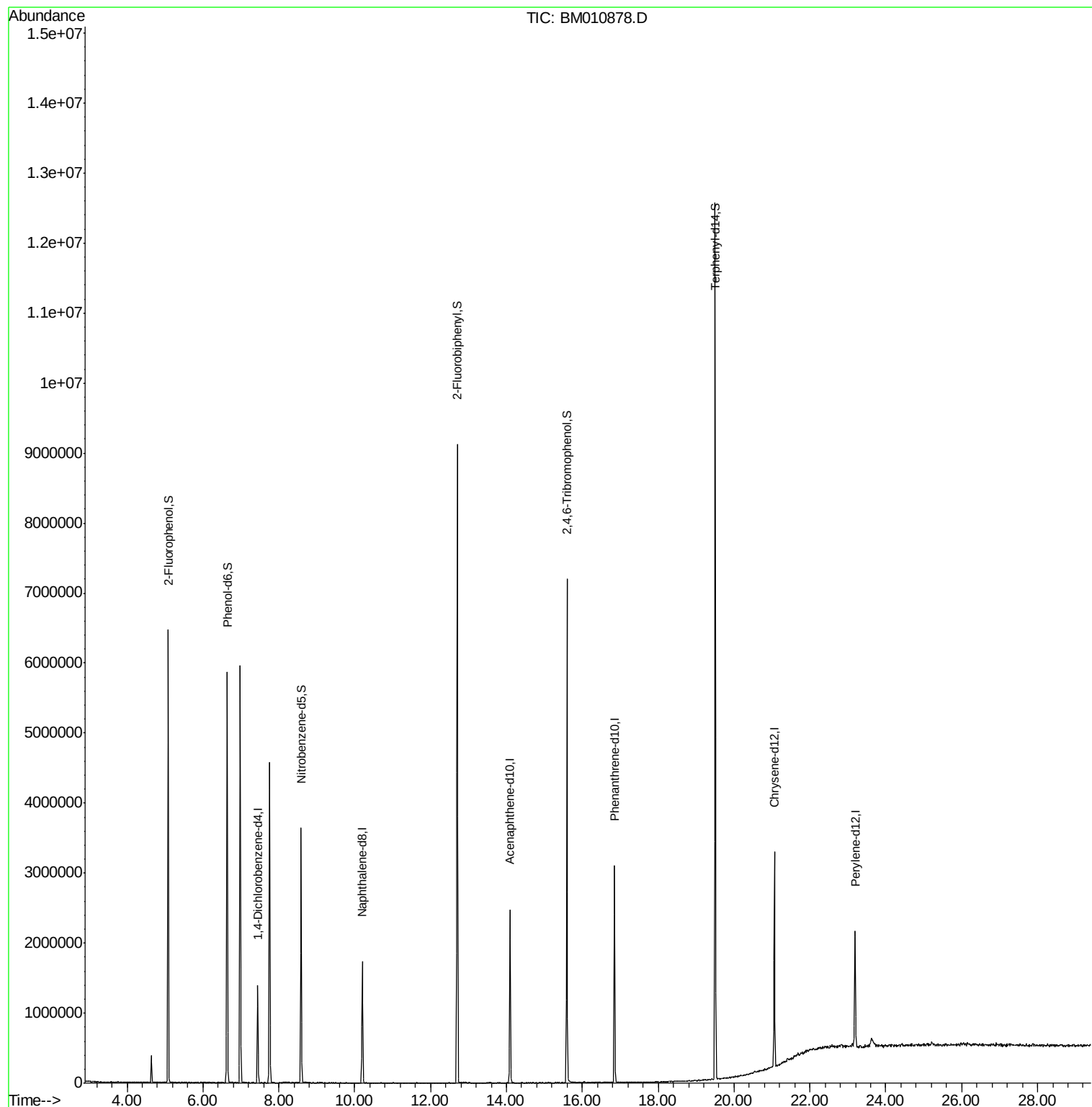
Target Compounds Qvalue

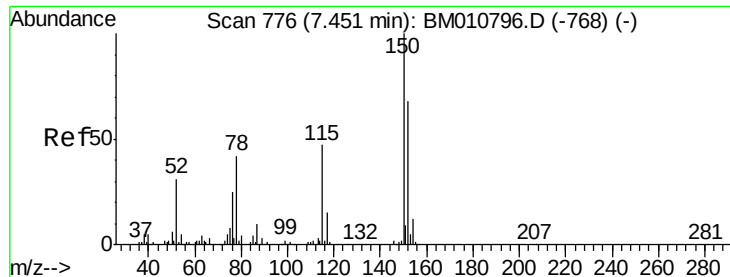
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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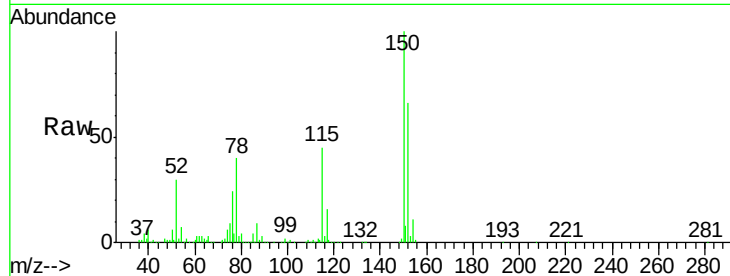


#1

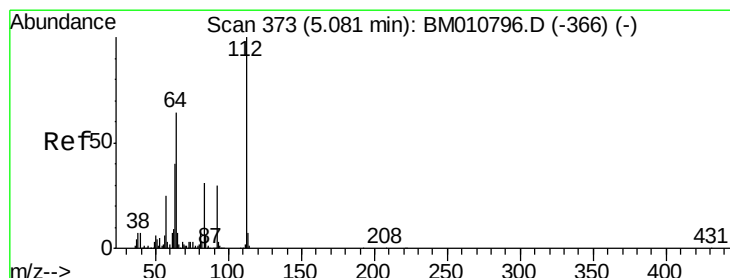
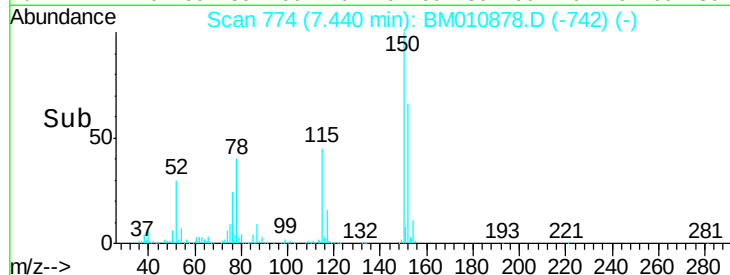
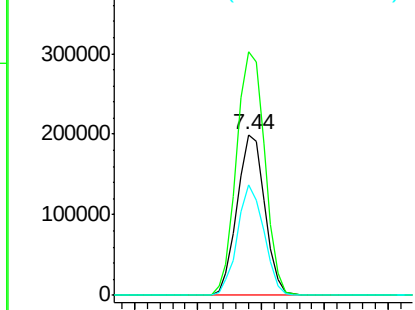
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Instrument :
BNA_M
ClientSampleId :
PB100721BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	68.7	43.0	64.4



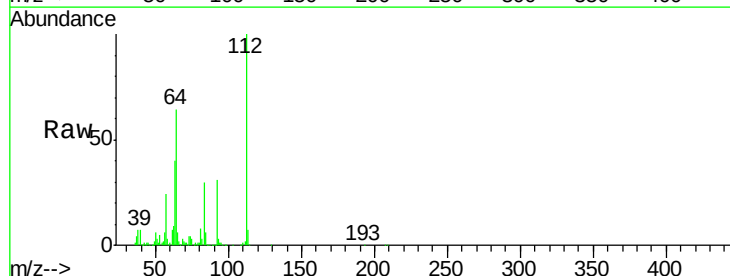
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



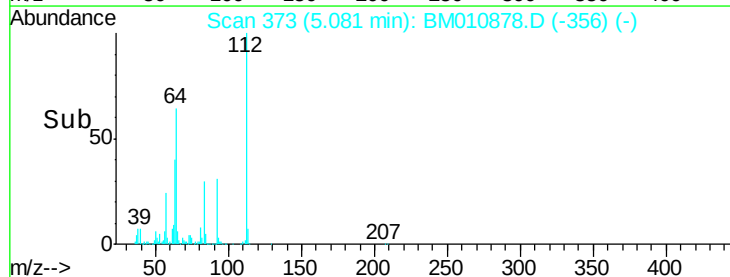
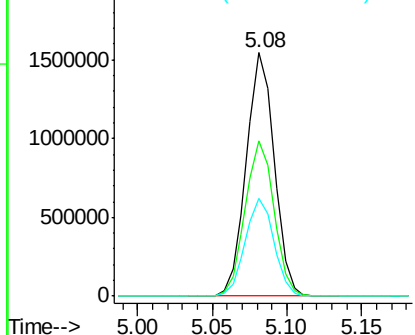
#5

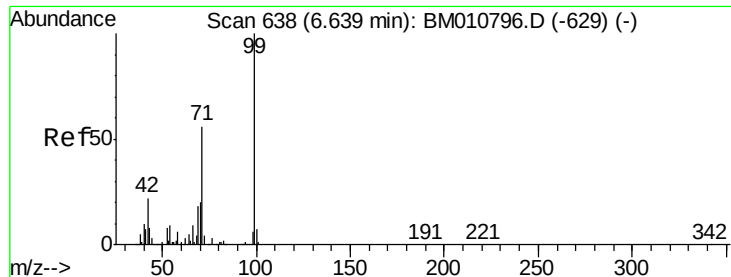
2-Fluorophenol
Concen: 110.26 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8
63	40.4	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 105.21 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010878.D

Acq: 18 Jul 2017 19:41

Instrument :

BNA_M

ClientSampleId :

PB100721BL

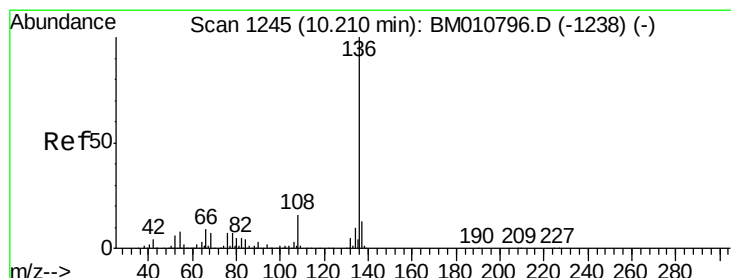
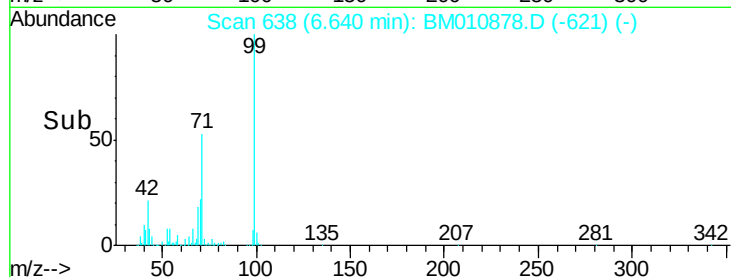
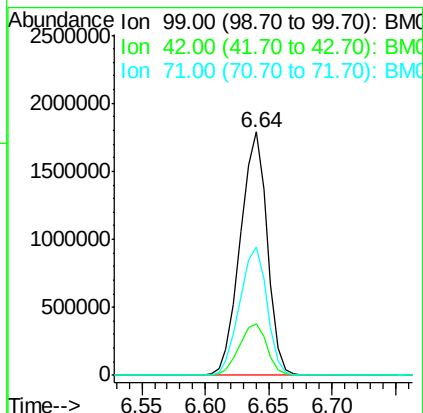
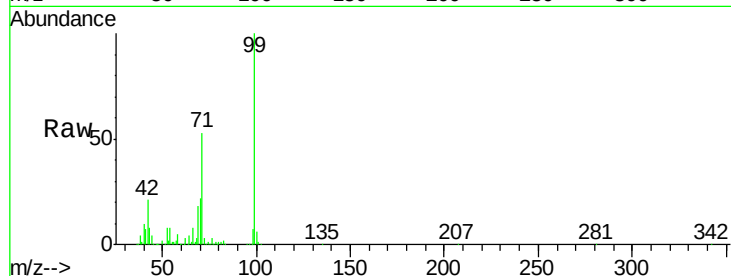
Tot Ion: 99 Resp: 2640333

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 52.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010878.D

Acq: 18 Jul 2017 19:41

Tgt Ion: 136 Resp: 1171502

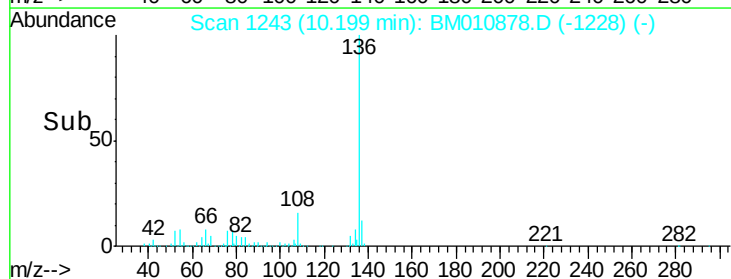
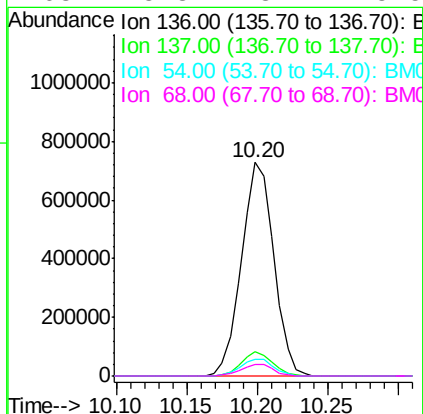
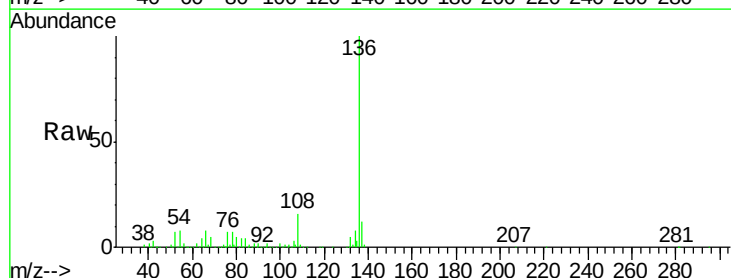
Ion Ratio Lower Upper

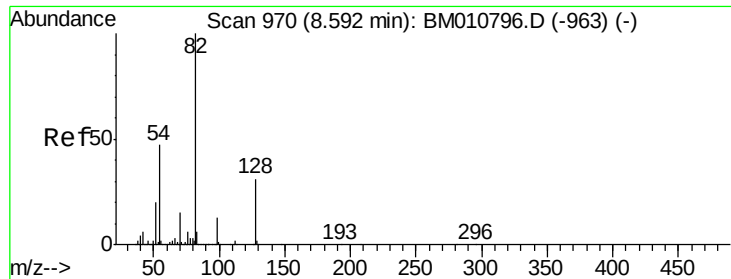
136 100

137 11.6 8.7 13.1

54 7.8 4.6 6.8#

68 5.3 3.7 5.5

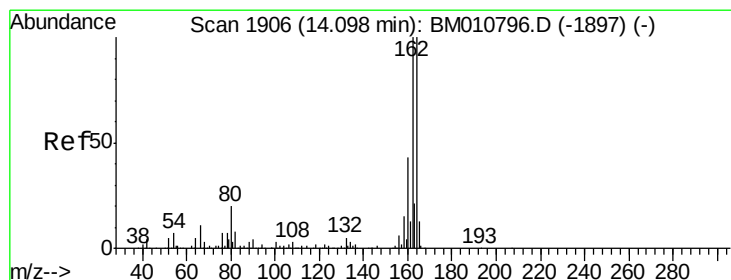
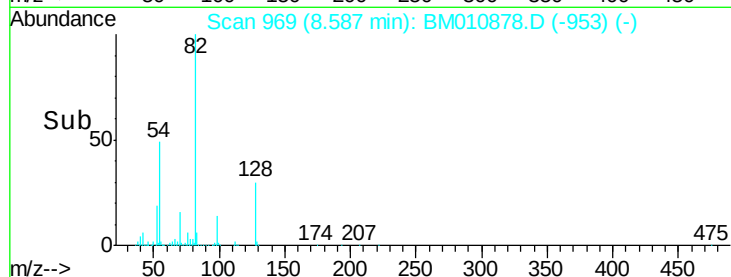
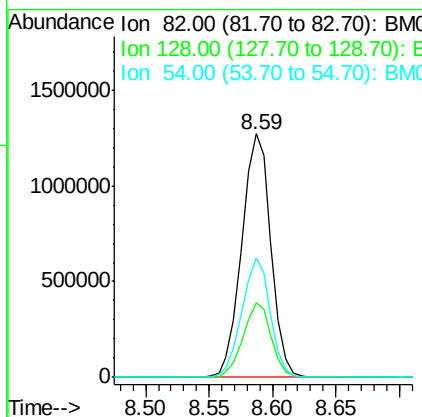
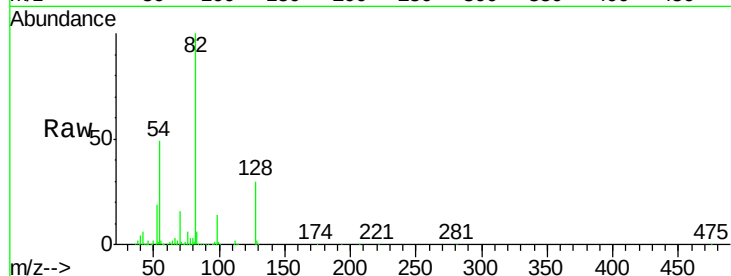




#23
 Nitrobenzene-d5
 Concen: 66.37 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010878.D
 Acq: 18 Jul 2017 19:41

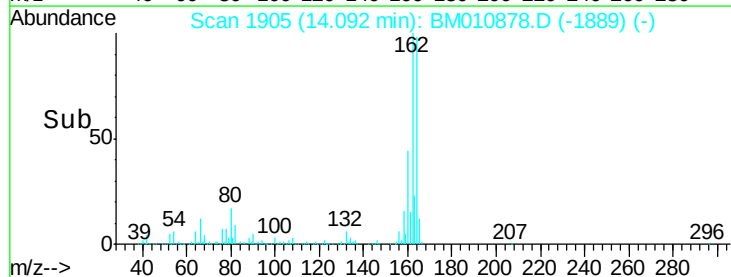
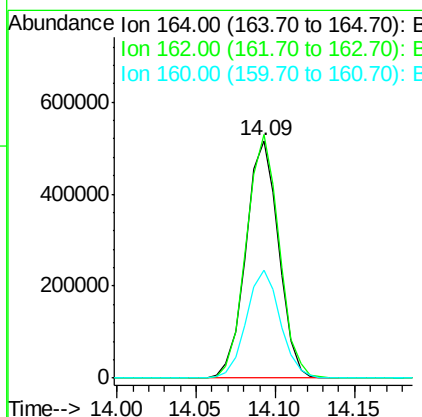
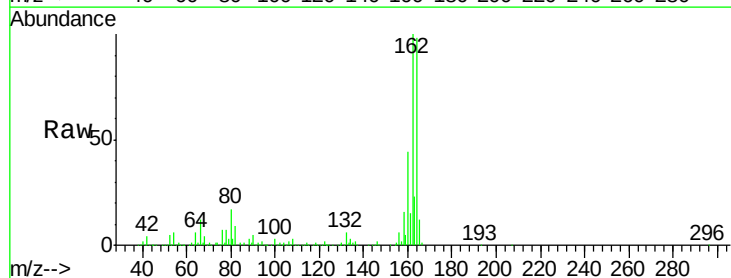
Instrument :
 BNA_M
 ClientSampleId :
 PB100721BL

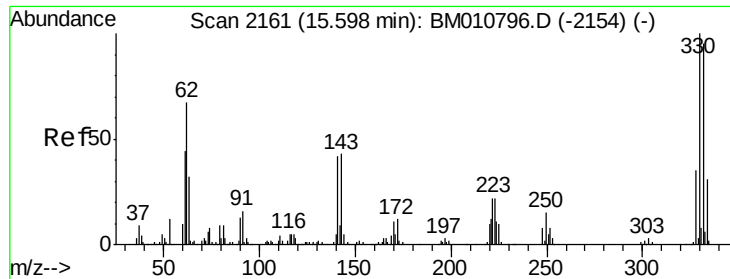
Tot Ion: 82 Resp: 2022891
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 48.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010878.D
 Acq: 18 Jul 2017 19:41

Tgt Ion:164 Resp: 741657
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.4 123.6
 160 45.6 35.8 53.6

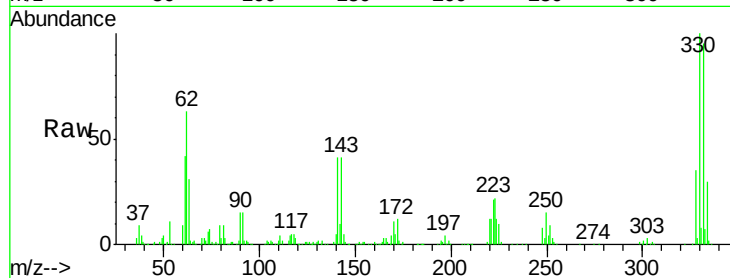




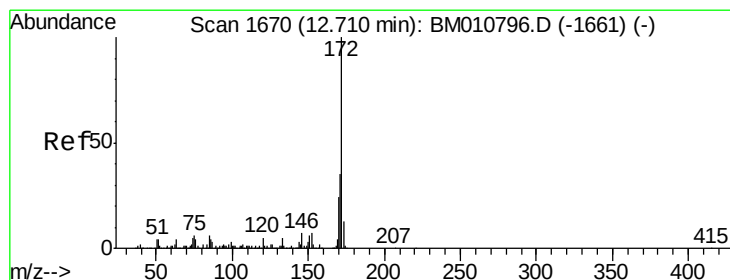
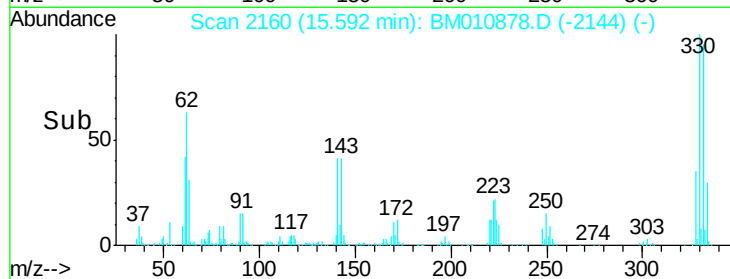
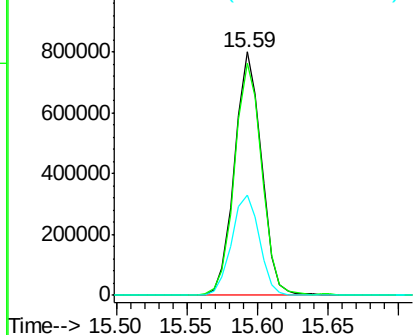
#41
 2,4,6-Tribromophenol
 Concen: 93.85 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010878.D
 Acq: 18 Jul 2017 19:41

Instrument :
 BNA_M
 ClientSampleId :
 PB100721BL

Tot Ion:330 Resp: 1063683
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 42.6 0.0 0.0#

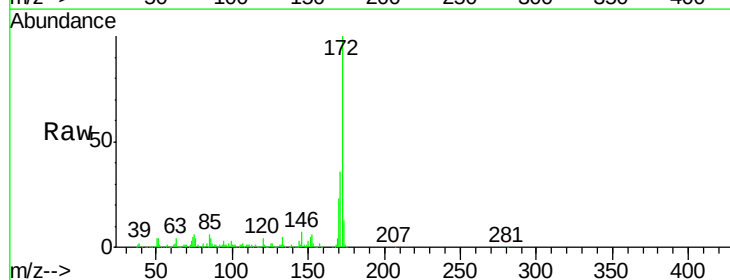


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

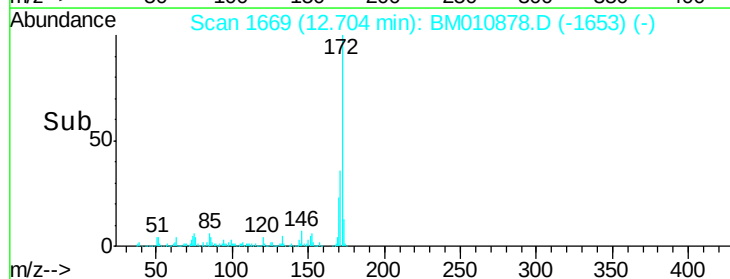
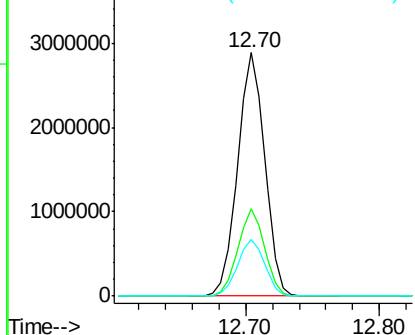


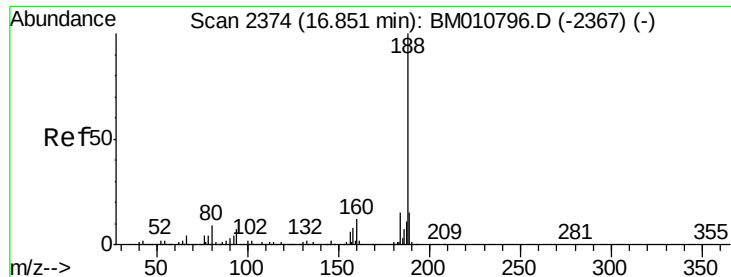
#44
 2-Fluorobiphenyl
 Concen: 68.02 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010878.D
 Acq: 18 Jul 2017 19:41

Tgt Ion:172 Resp: 4055173
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.4 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

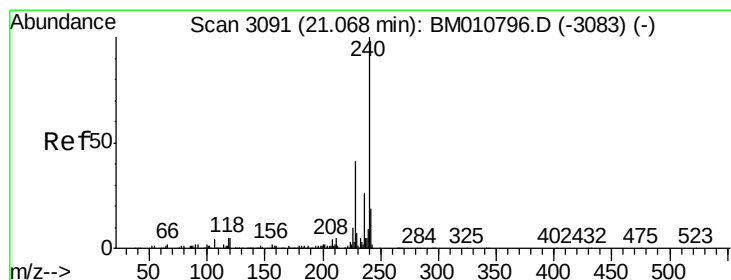
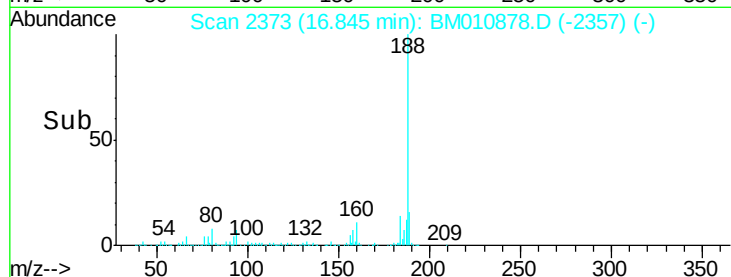
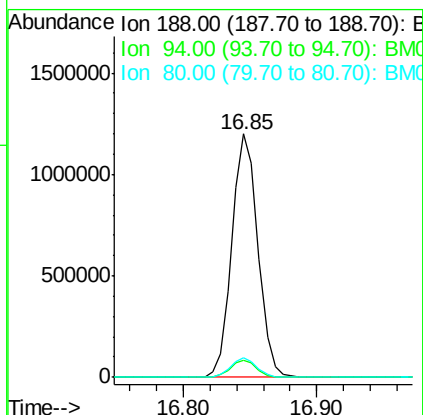
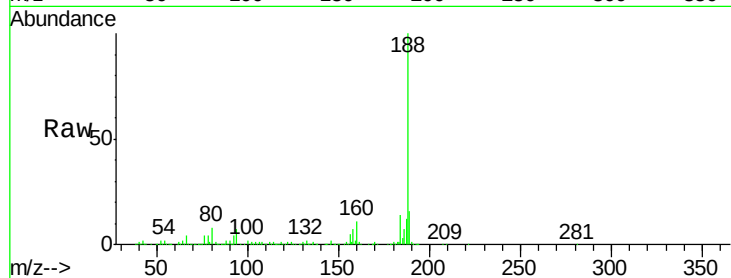




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

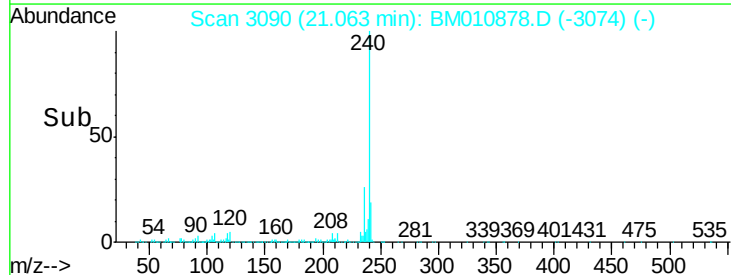
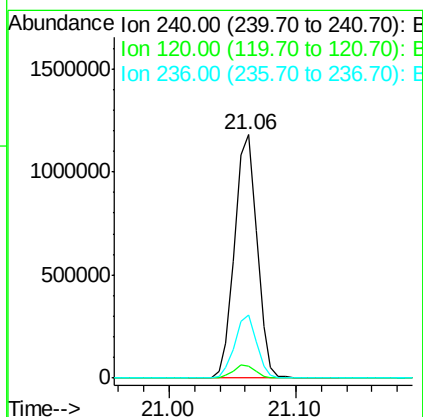
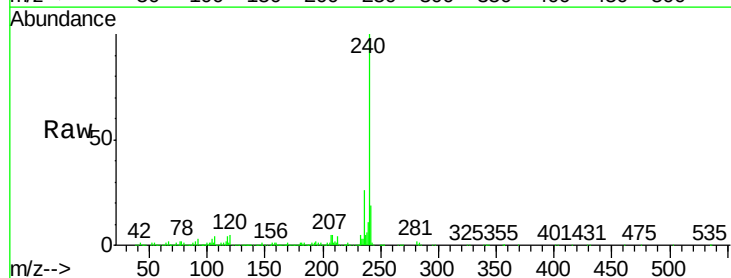
Instrument :
BNA_M
ClientSampleId :
PB100721BL

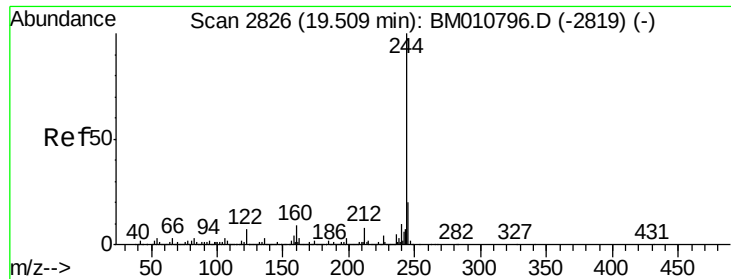
Tot Ion:188 Resp: 1637210
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010878.D
Acq: 18 Jul 2017 19:41

Tgt Ion:240 Resp: 1442179
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 64.49 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010878.D

Acq: 18 Jul 2017 19:41

Instrument :

BNA_M

ClientSampleId :

PB100721BL

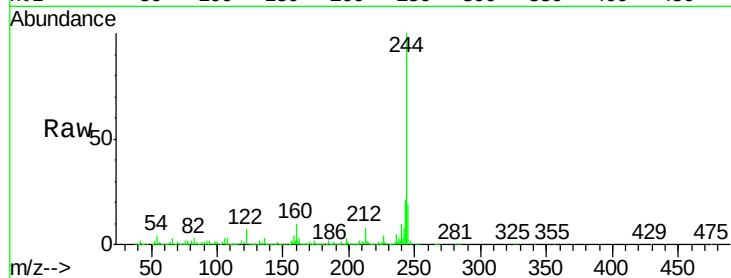
Tot Ion:244 Resp: 4808772

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

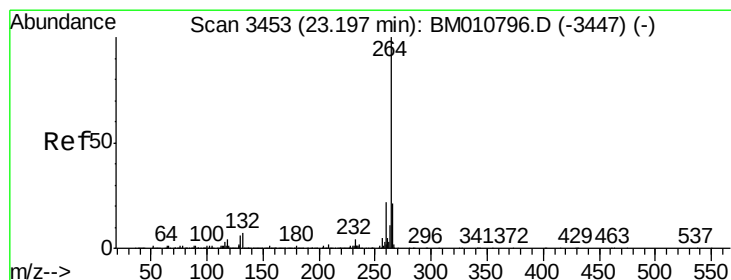
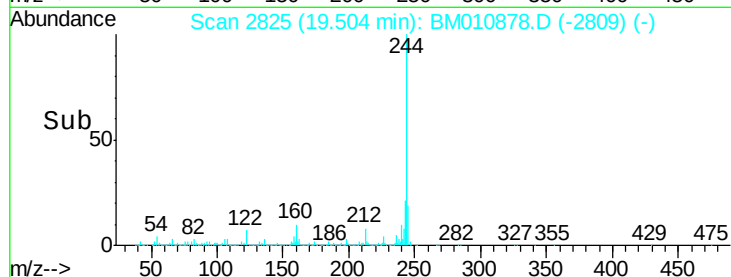
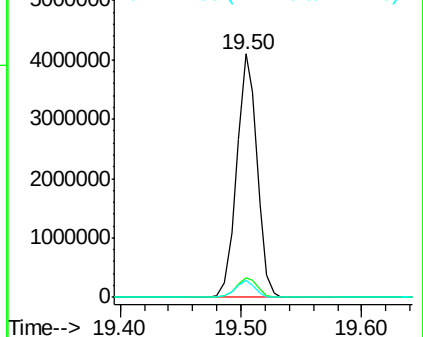
122 6.8 6.2 9.4



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: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010878.D

Acq: 18 Jul 2017 19:41

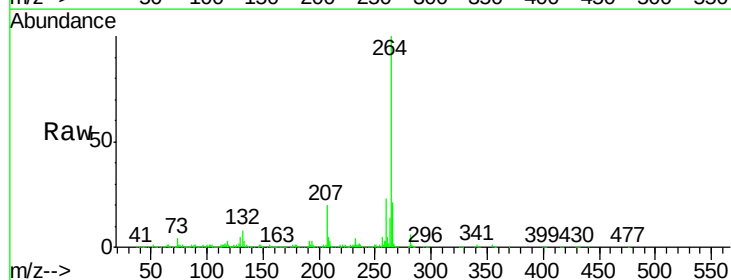
Tgt Ion:264 Resp: 1172411

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.4 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

