

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010822.D
 Acq On : 13 Jul 2017 20:58
 Operator : SJ/JU
 Sample : PB100606BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100606BL

Quant Time: Jul 14 01:27:25 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	7.45	152	253357	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	999330	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	642121	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1583707	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1531807	20.00	ng	0.00
86) Perylene-d12	23.20	264	1139627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2283769	149.32	ng	0.00
7) Phenol-d6	6.64	99	3035463	143.96	ng	0.00
23) Nitrobenzene-d5	8.59	82	2262094	87.01	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1428524	145.58	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4831321	93.60	ng	0.00
78) Terphenyl-d14	19.51	244	7055577	89.09	ng	0.00

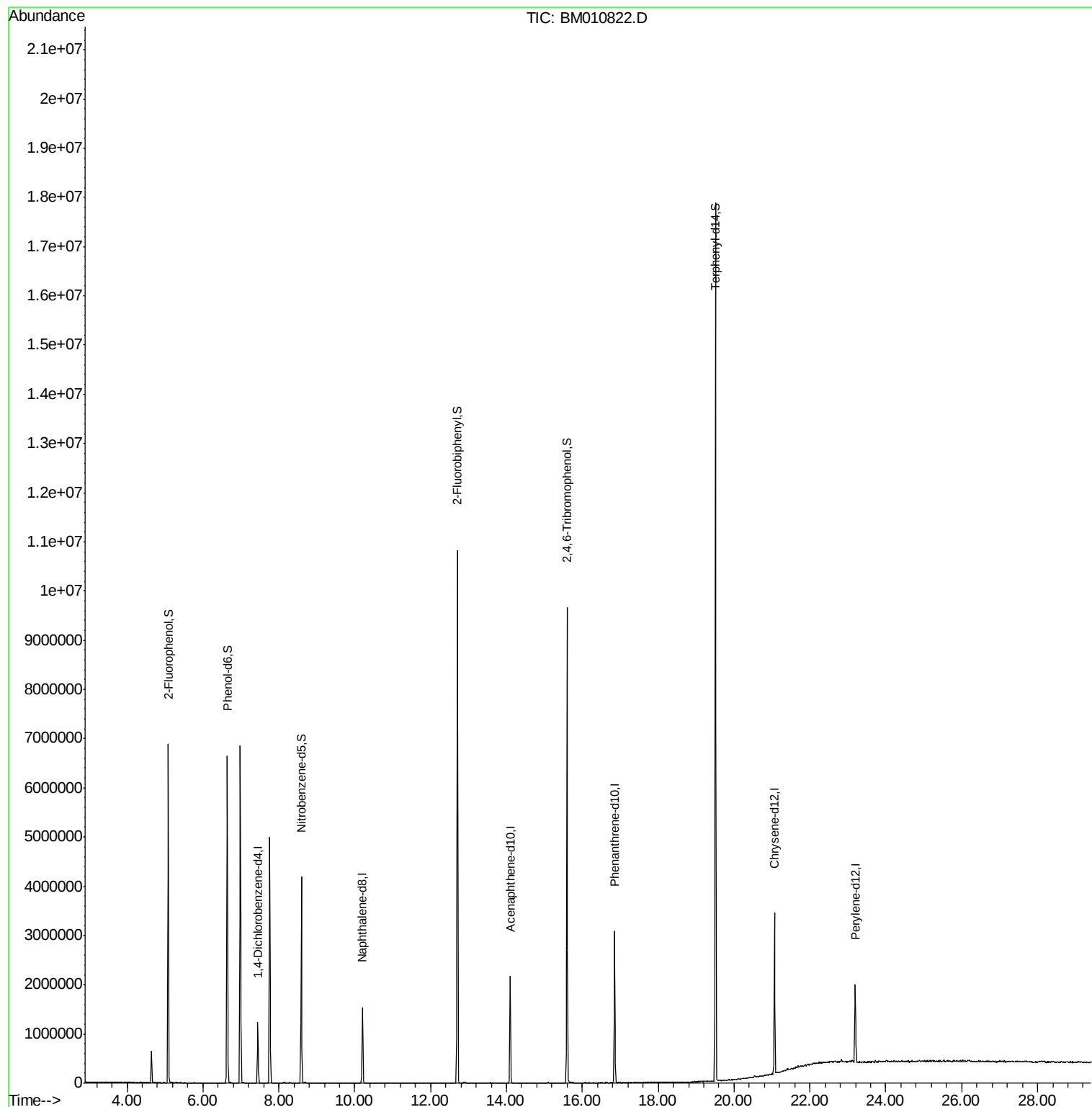
Target Compounds	Qvalue
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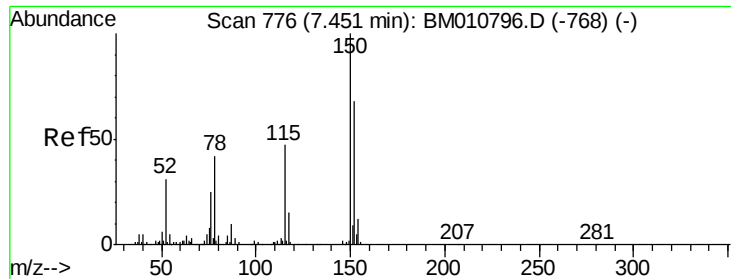
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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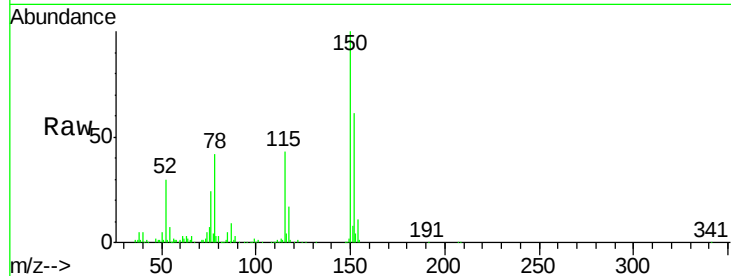


#1

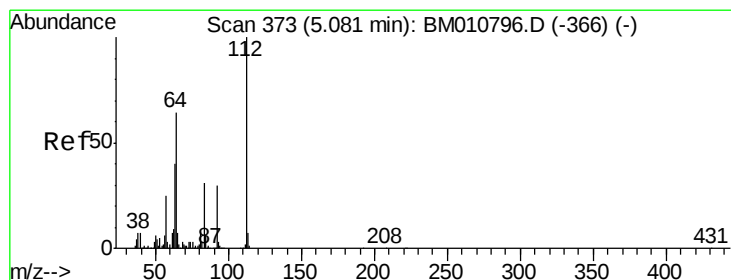
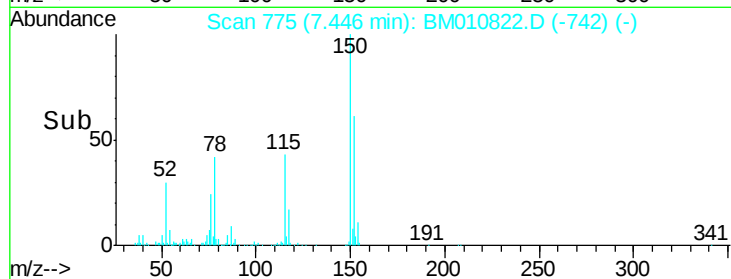
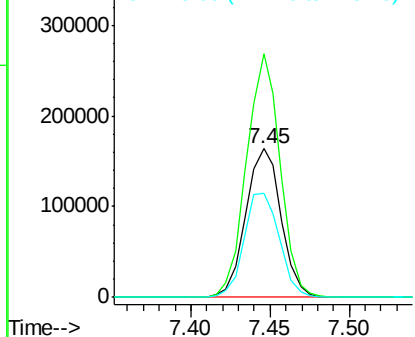
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010822.D
Acq: 13 Jul 2017 20:58

Instrument :
BNA_M
ClientSampleId :
PB100606BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	119.5	179.3
115	69.9	43.0	64.4



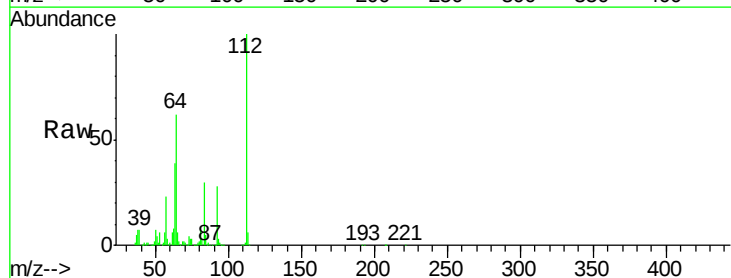
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



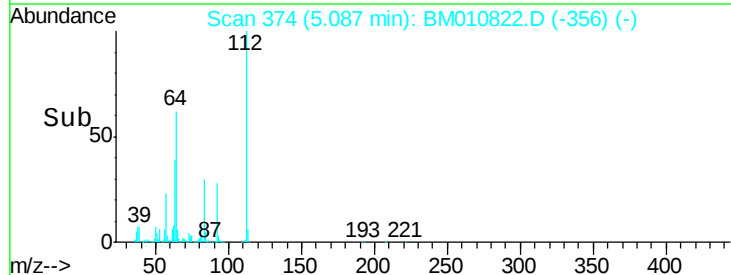
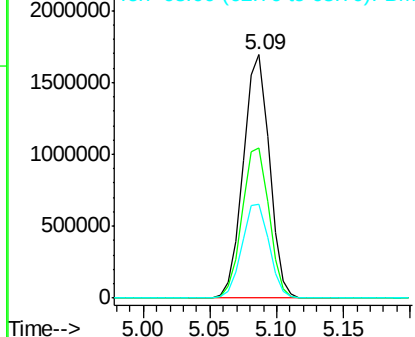
#5

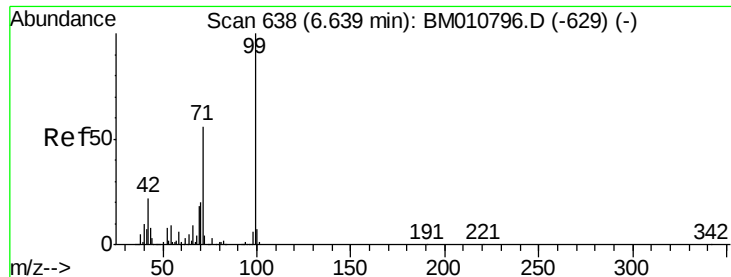
2-Fluorophenol
Concen: 149.317 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010822.D
Acq: 13 Jul 2017 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8
63	38.7	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: 143.962 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010822.D

Acq: 13 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100606BL

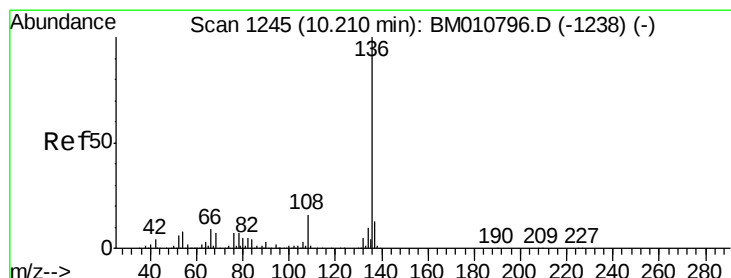
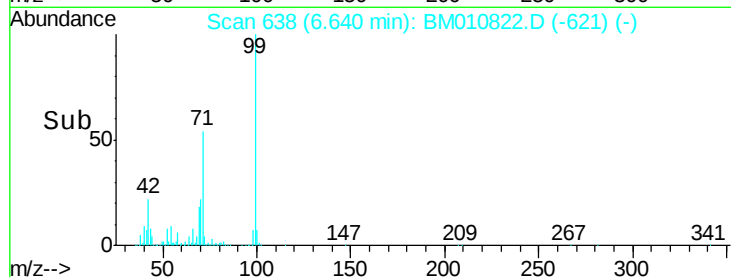
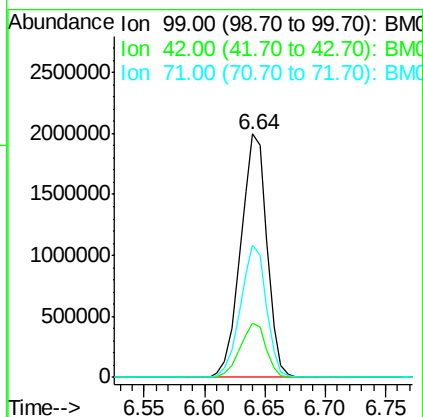
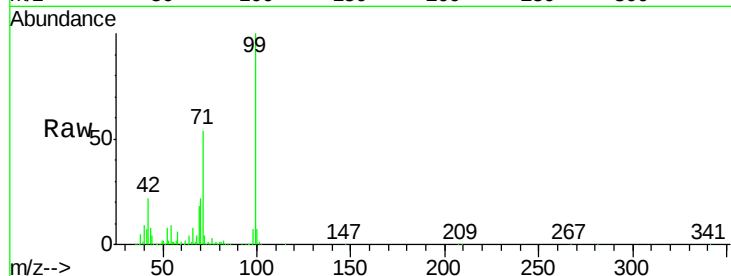
Tgt Ion: 99 Resp: 3035463

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 54.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010822.D

Acq: 13 Jul 2017 20:58

Tgt Ion: 136 Resp: 999330

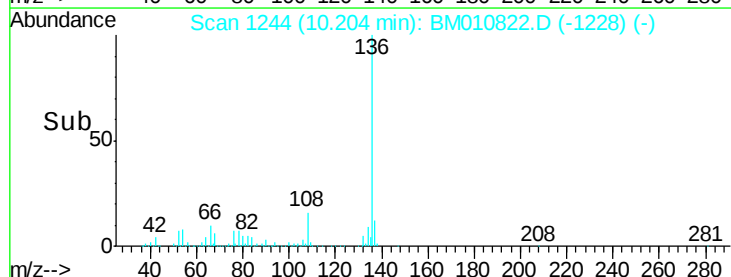
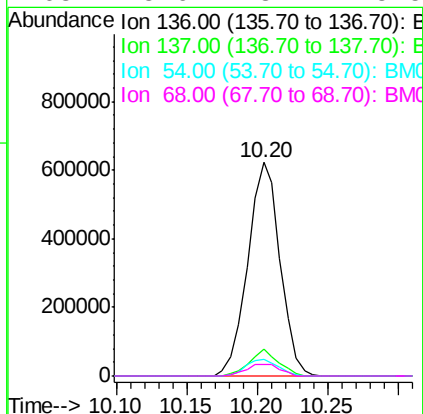
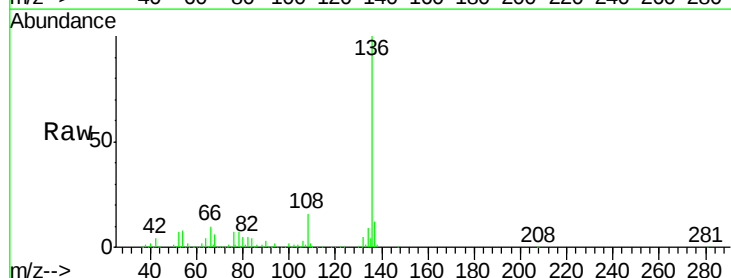
Ion Ratio Lower Upper

136 100

137 12.3 8.7 13.1

54 7.9 4.6 6.8#

68 5.6 3.7 5.5#

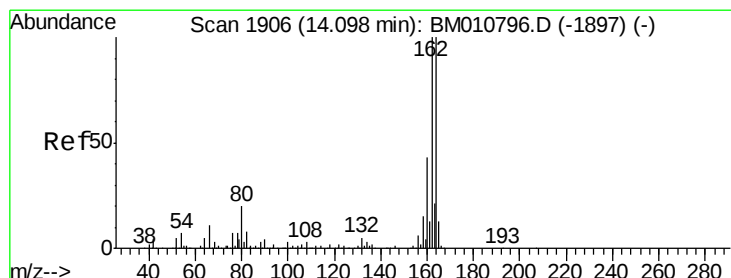
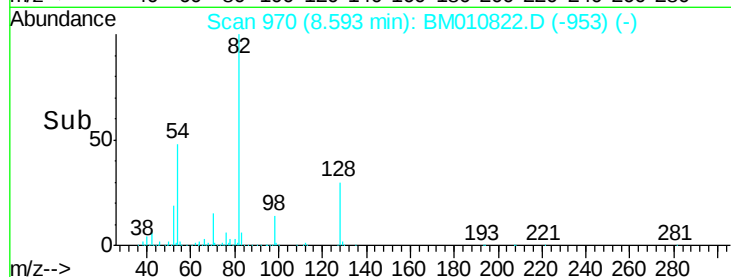
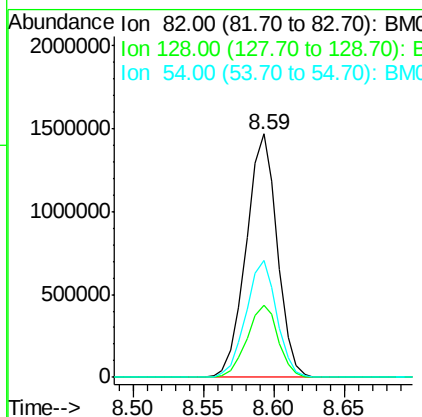
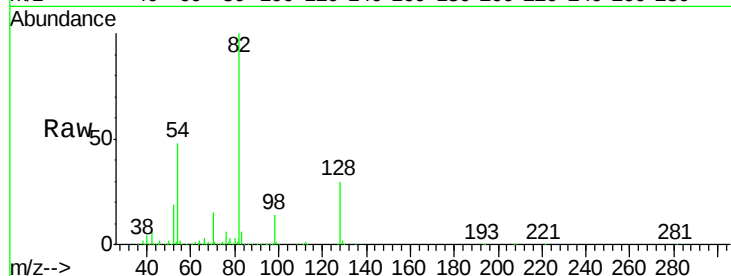




#23
 Nitrobenzene-d5
 Concen: 87.008 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010822.D
 Acq: 13 Jul 2017 20:58

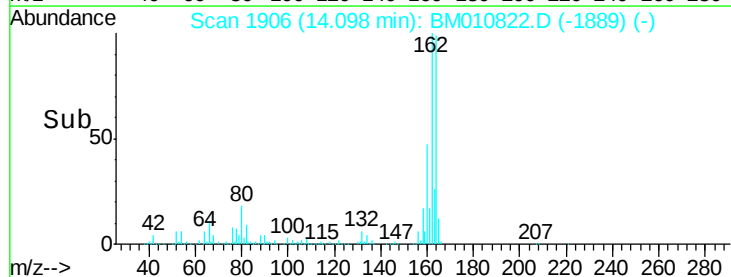
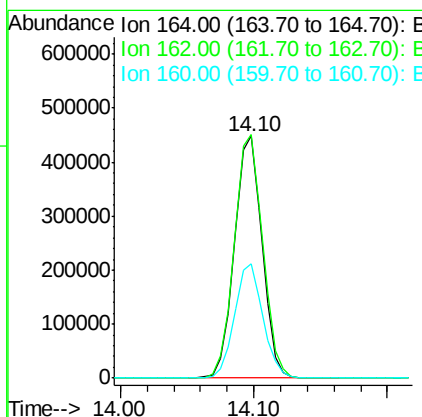
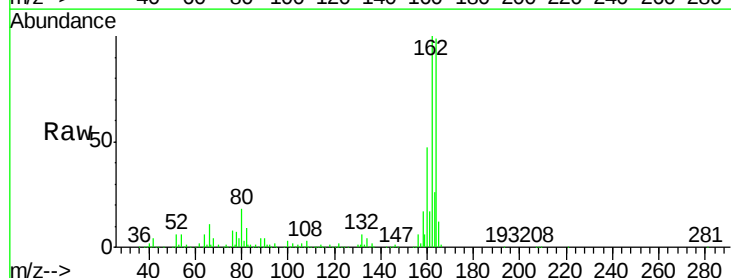
Instrument :
 BNA_M
 ClientSampleId :
 PB100606BL

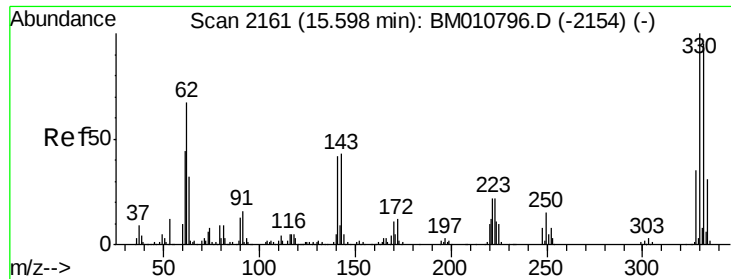
Tgt Ion: 82 Resp: 2262094
 Ion Ratio Lower Upper
 82 100
 128 29.7 32.8 49.2#
 54 47.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010822.D
 Acq: 13 Jul 2017 20:58

Tgt Ion: 164 Resp: 642121
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.4 123.6
 160 47.2 35.8 53.6

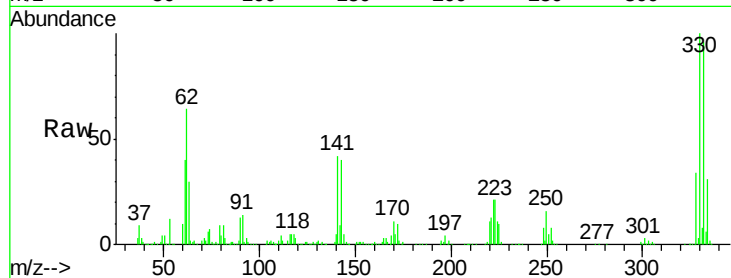




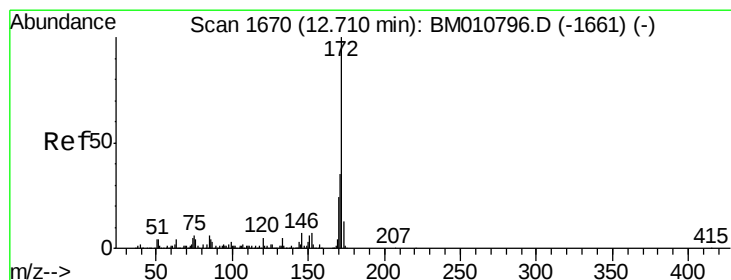
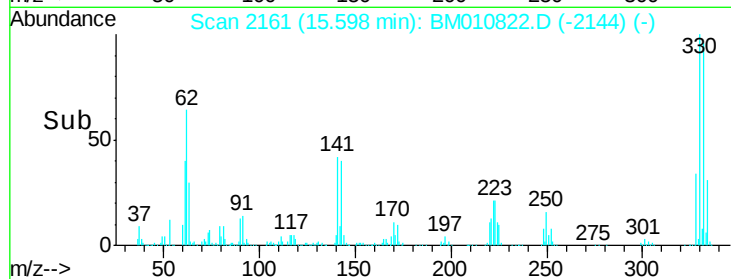
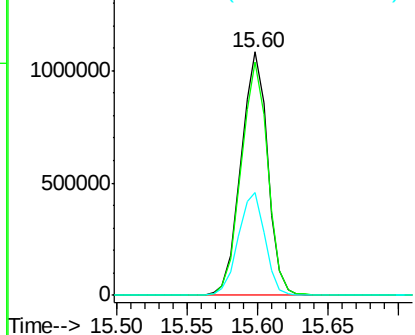
#41
 2,4,6-Tribromophenol
 Concen: 145.577 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010822.D
 Acq: 13 Jul 2017 20:58

Instrument :
 BNA_M
 ClientSampleId :
 PB100606BL

Tgt Ion:330 Resp: 1428524
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 42.5 0.0 0.0#

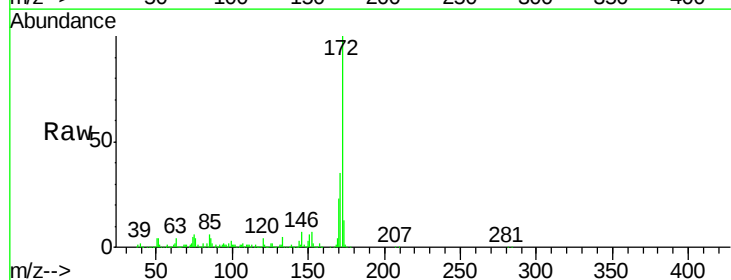


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

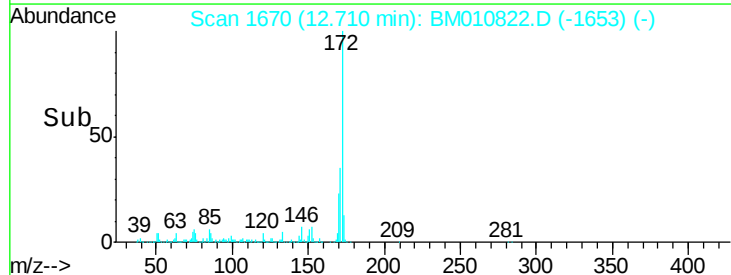
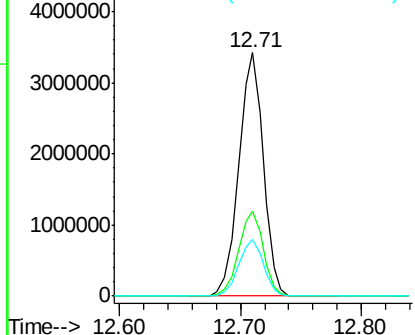


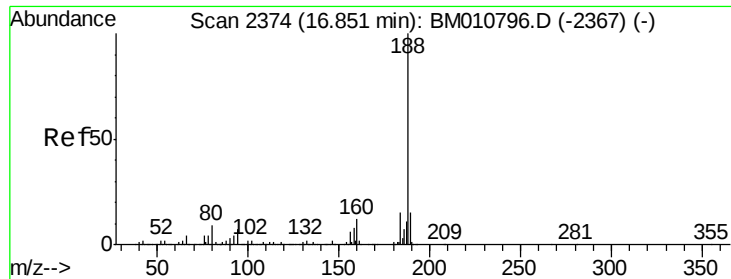
#44
 2-Fluorobiphenyl
 Concen: 93.600 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010822.D
 Acq: 13 Jul 2017 20:58

Tgt Ion:172 Resp: 4831321
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 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

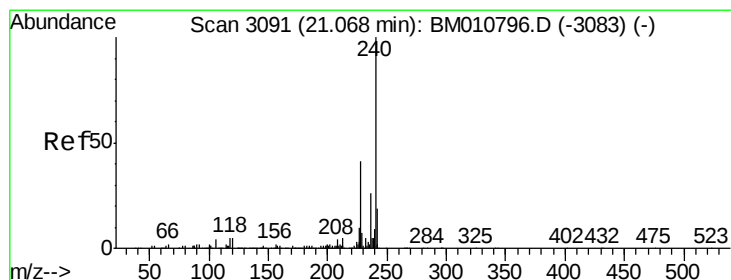
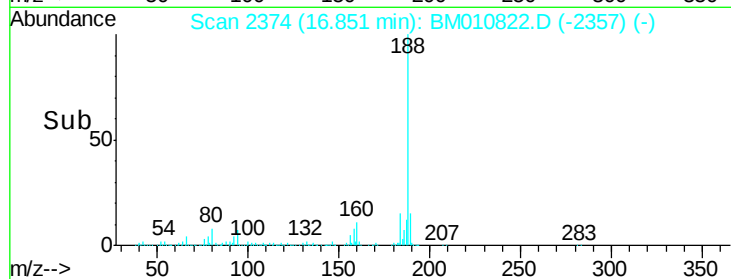
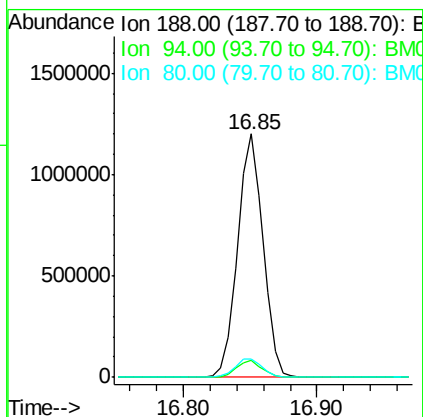
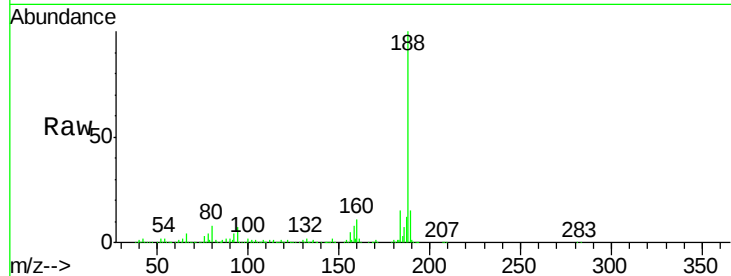




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010822.D
Acq: 13 Jul 2017 20:58

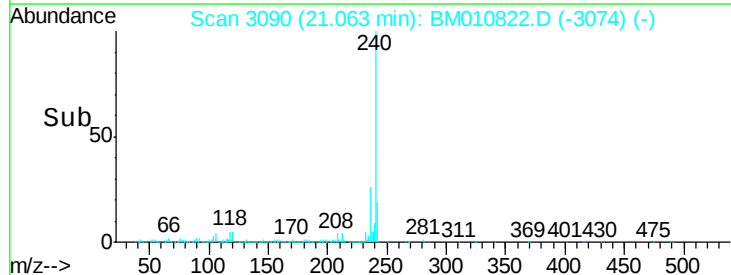
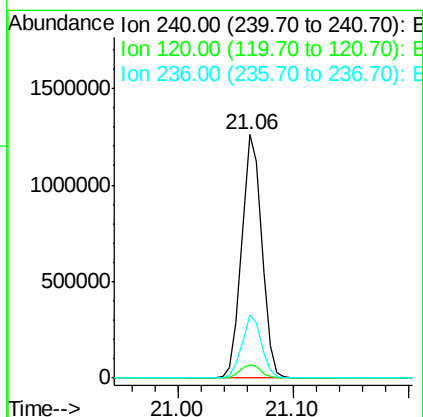
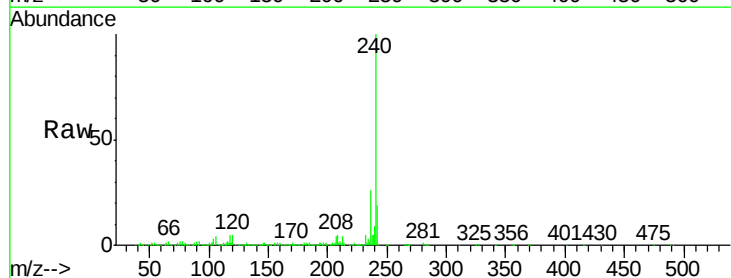
Instrument :
BNA_M
ClientSampleId :
PB100606BL

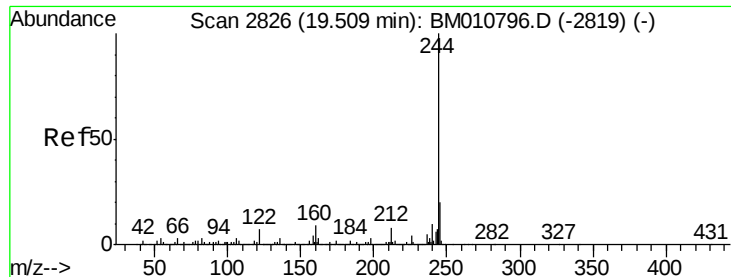
Tgt Ion:188 Resp: 1583707
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010822.D
Acq: 13 Jul 2017 20:58

Tgt Ion:240 Resp: 1531807
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 89.086 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010822.D

Acq: 13 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100606BL

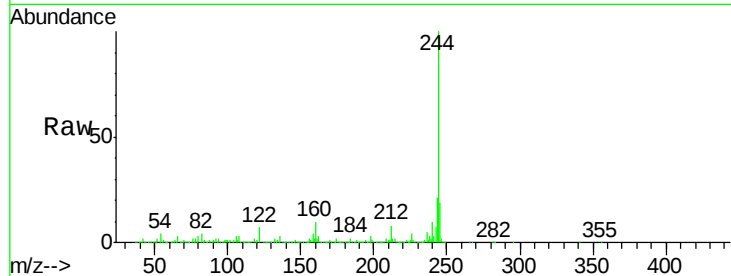
Tgt Ion:244 Resp: 7055577

Ion Ratio Lower Upper

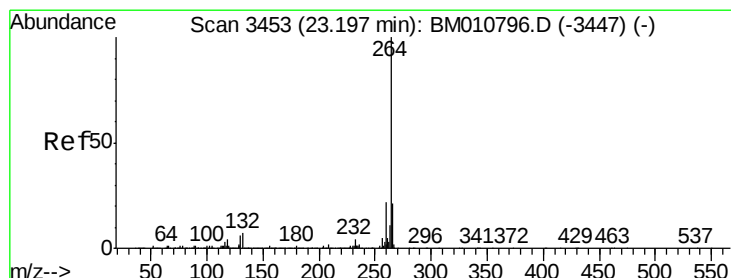
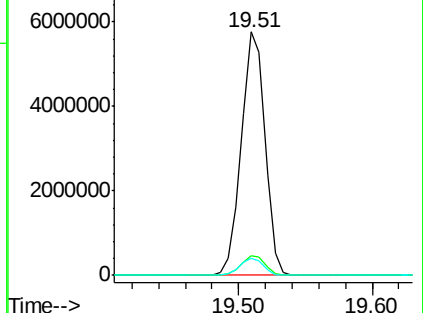
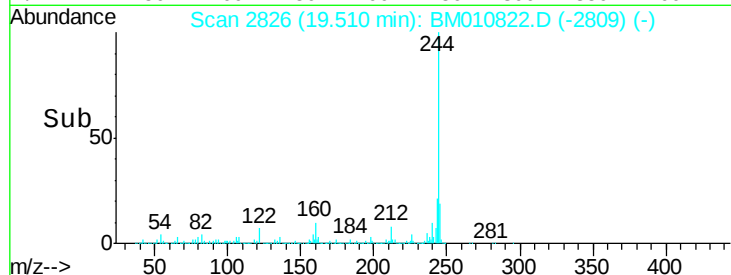
244 100

212 8.3 4.9 7.3#

122 7.2 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: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010822.D

Acq: 13 Jul 2017 20:58

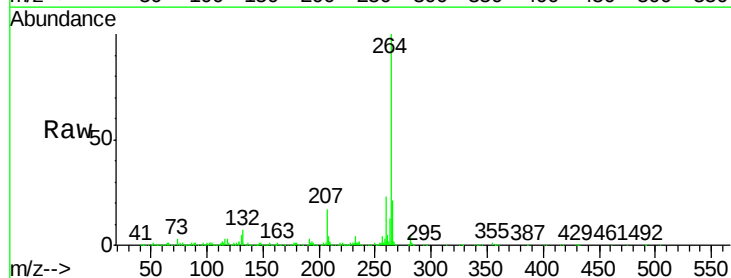
Tgt Ion:264 Resp: 1139627

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.6 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

