

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010833.D
 Acq On : 14 Jul 2017 03:34
 Operator : SJ/JU
 Sample : I4145-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

Quant Time: Jul 14 04:19:22 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	169495	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	618319	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	396695	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	967430	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1001753	20.00	ng	0.00
86) Perylene-d12	23.19	264	894204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1244254	121.60	ng	0.00
7) Phenol-d6	6.64	99	1519478	107.72	ng	0.00
23) Nitrobenzene-d5	8.59	82	1386030	86.16	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	838087	138.25	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	2768452	86.82	ng	0.00
78) Terphenyl-d14	19.51	244	4356183	84.11	ng	0.00

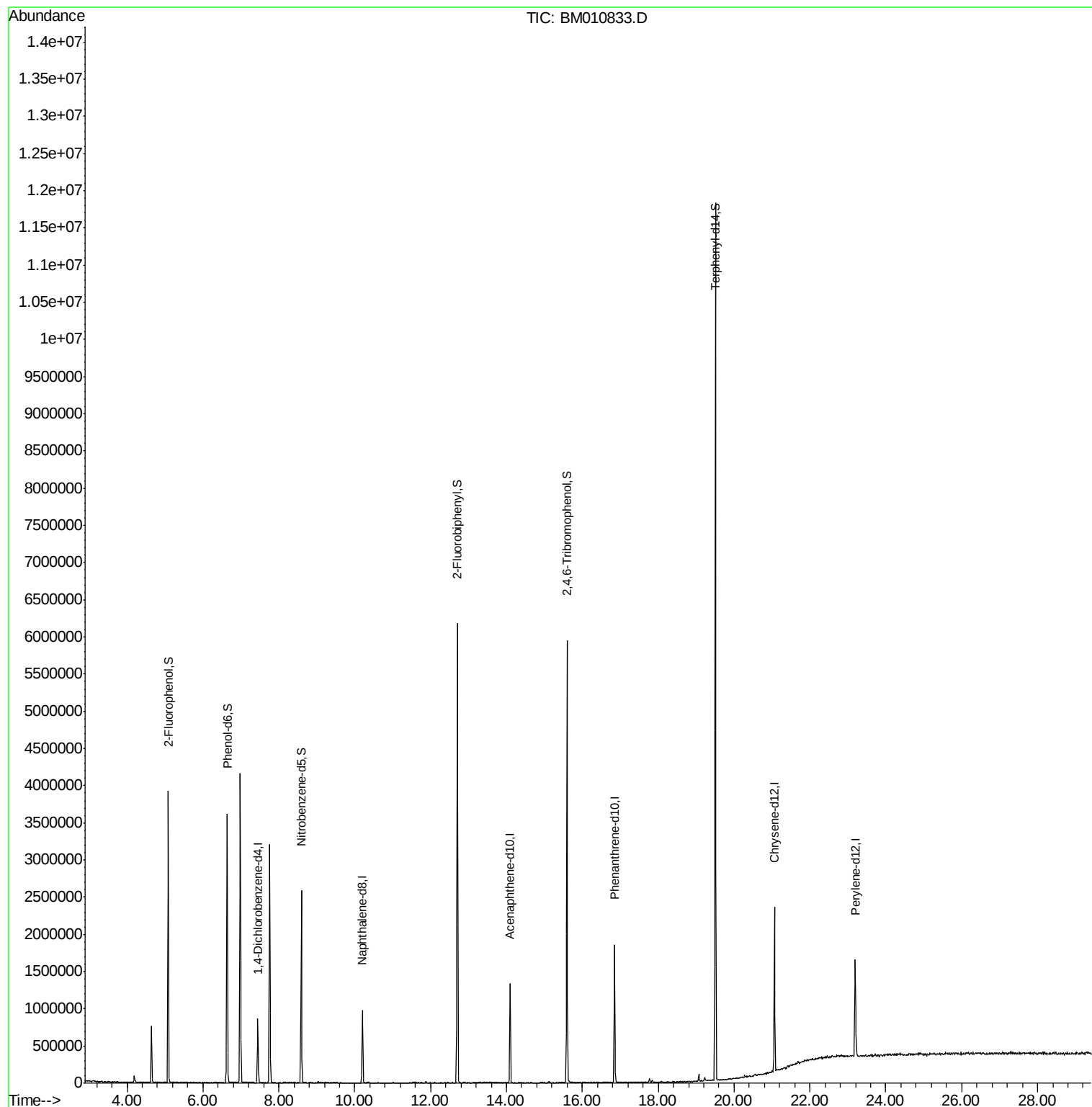
Target Compounds	Qvalue
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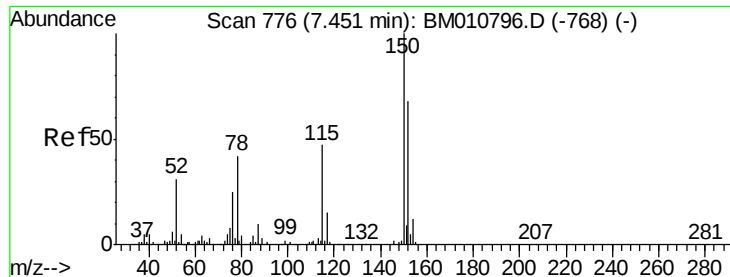
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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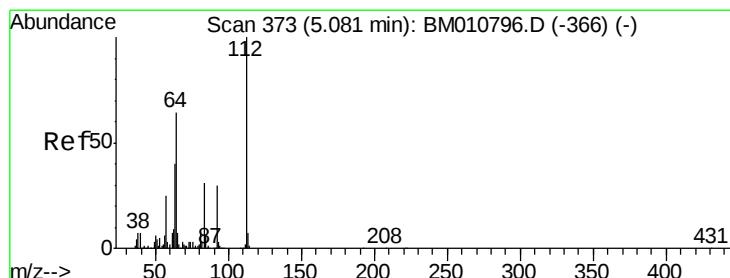
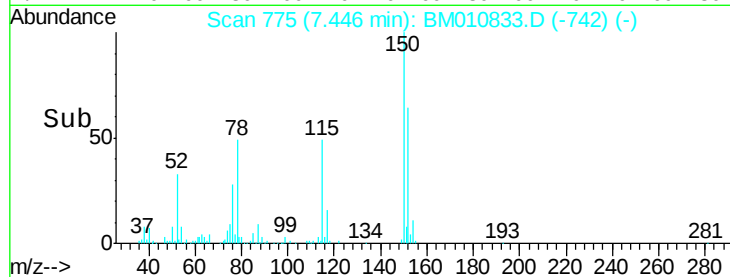
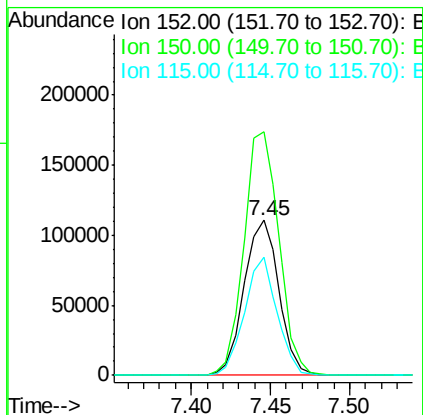
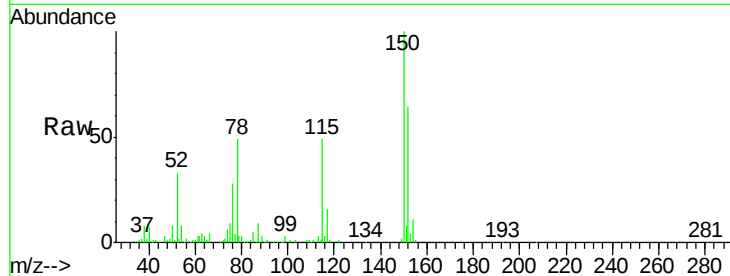


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010833.D
Acq: 14 Jul 2017 03:34

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMP

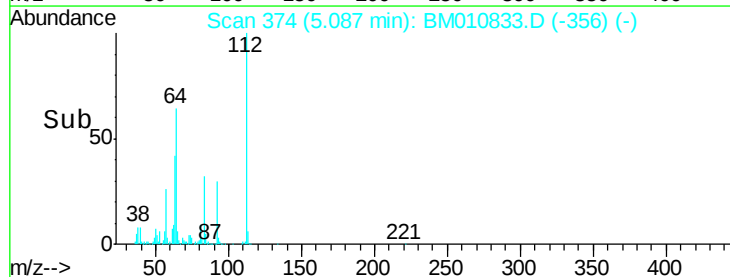
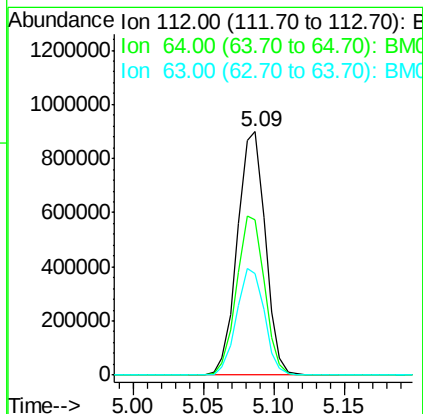
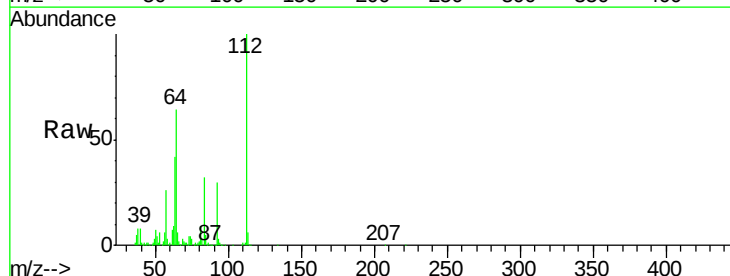
Tgt Ion:152 Resp: 169495
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 76.4 43.0 64.4#

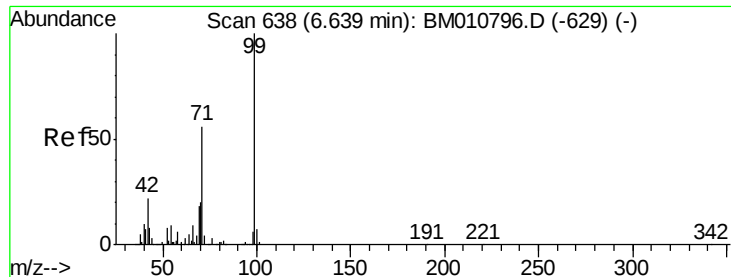


#5

2-Fluorophenol
Concen: 121.602 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010833.D
Acq: 14 Jul 2017 03:34

Tgt Ion:112 Resp: 1244254
Ion Ratio Lower Upper
112 100
64 63.6 38.6 57.8#
63 42.0 19.3 28.9#





#7

Phenol-d6

Concen: 107.719 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010833.D

Acq: 14 Jul 2017 03:34

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMP

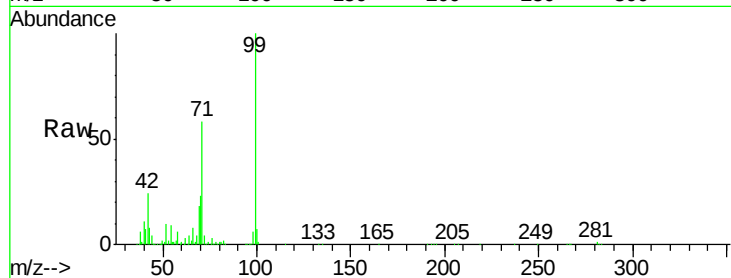
Tgt Ion: 99 Resp: 1519478

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

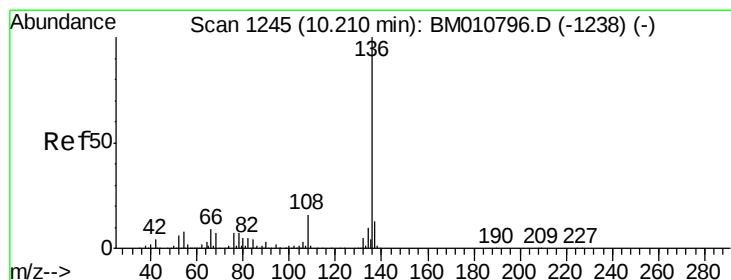
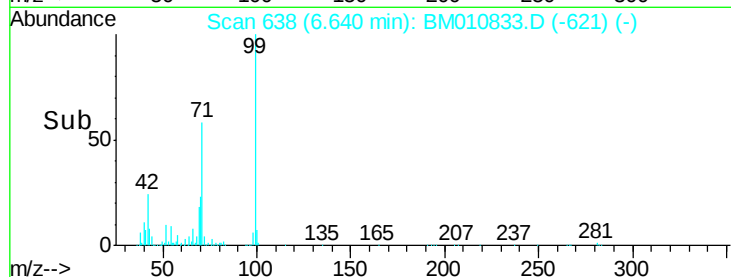
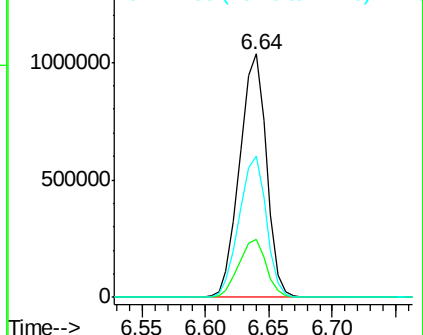
71 58.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010833.D

Acq: 14 Jul 2017 03:34

Tgt Ion: 136 Resp: 618319

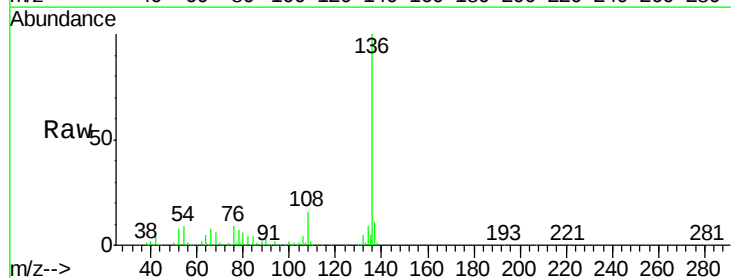
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 4.6 6.8#

68 6.0 3.7 5.5#

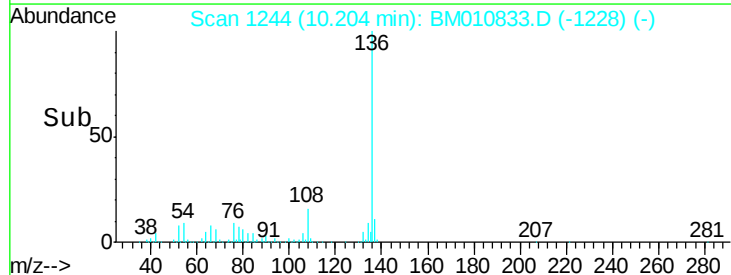
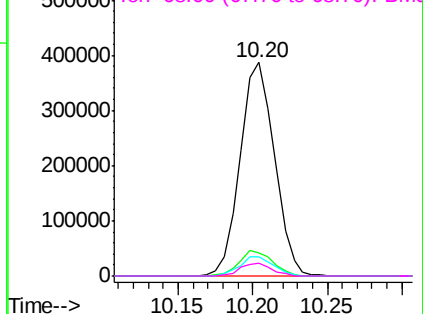


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

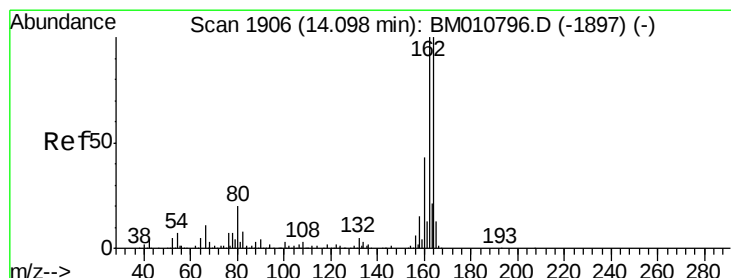
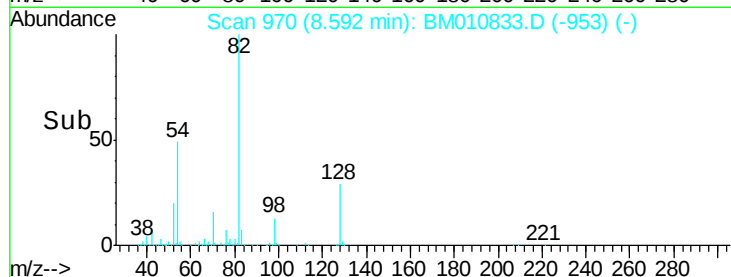
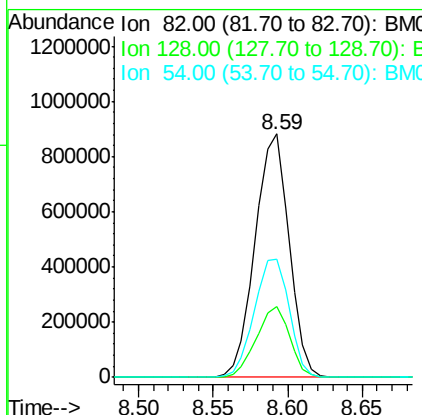
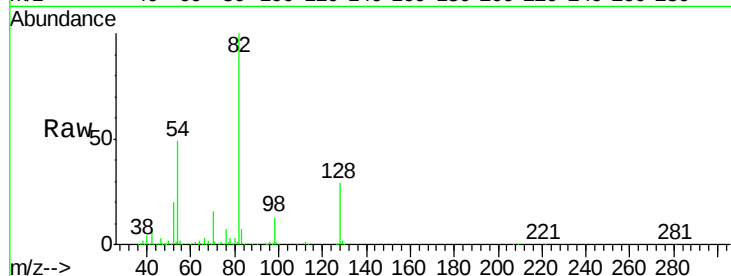




#23
 Nitrobenzene-d5
 Concen: 86.162 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010833.D
 Acq: 14 Jul 2017 03:34

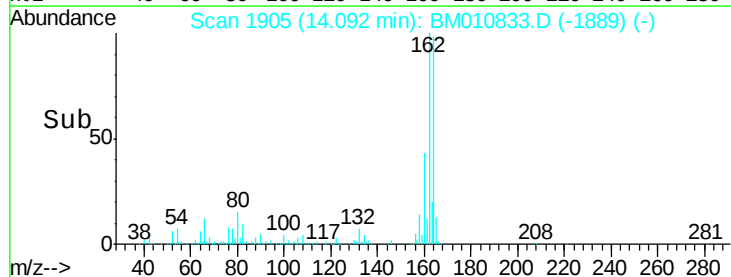
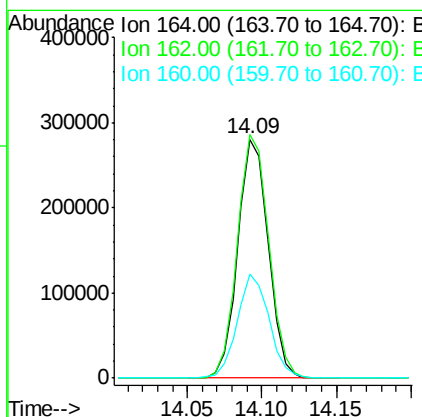
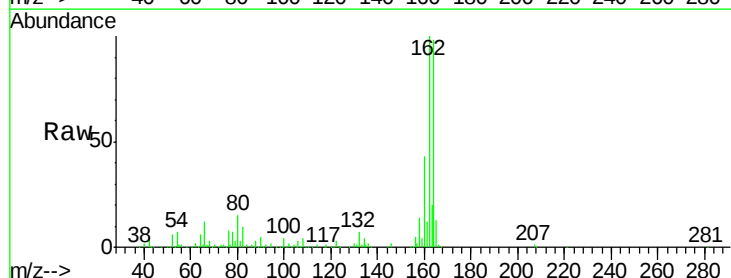
Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

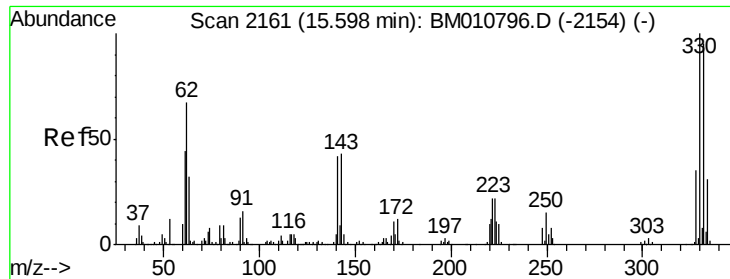
Tgt Ion: 82 Resp: 1386030
 Ion Ratio Lower Upper
 82 100
 128 29.2 32.8 49.2#
 54 48.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010833.D
 Acq: 14 Jul 2017 03:34

Tgt Ion: 164 Resp: 396695
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 43.7 35.8 53.6

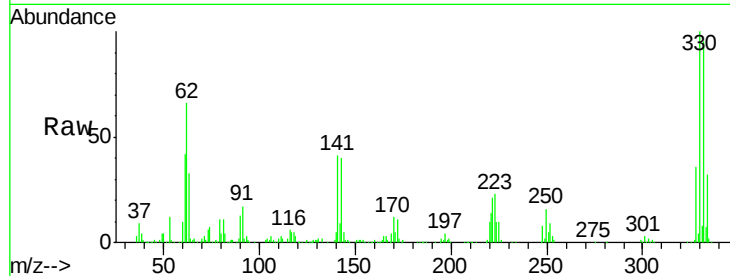




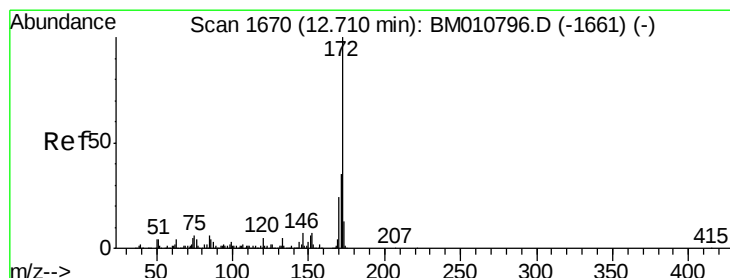
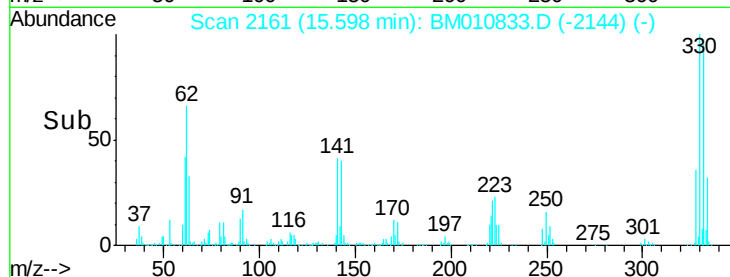
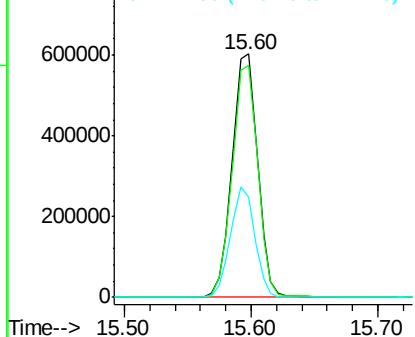
#41
 2,4,6-Tribromophenol
 Concen: 138.247 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010833.D
 Acq: 14 Jul 2017 03:34

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

Tgt Ion:330 Resp: 838087
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 43.2 0.0 0.0#

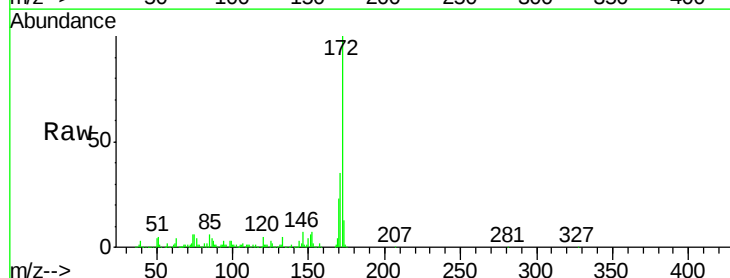


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

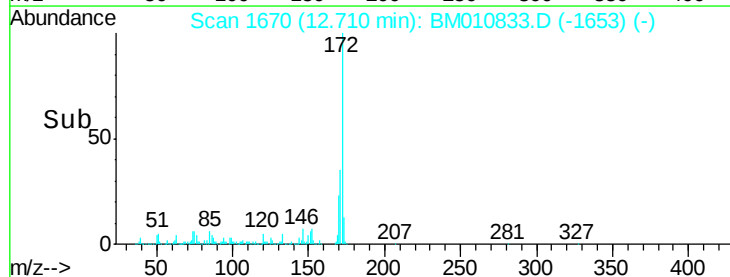
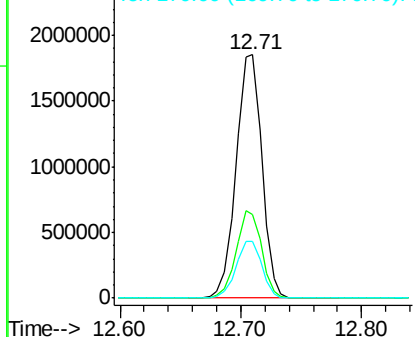


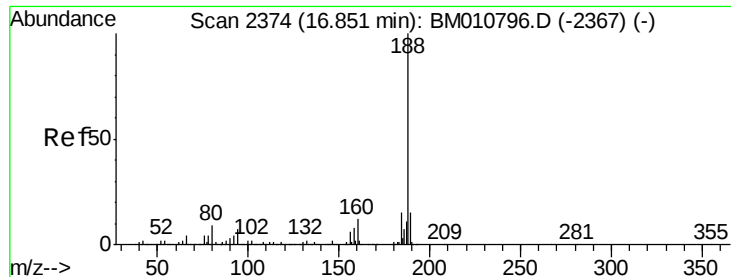
#44
 2-Fluorobiphenyl
 Concen: 86.818 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010833.D
 Acq: 14 Jul 2017 03:34

Tgt Ion:172 Resp: 2768452
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.5 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

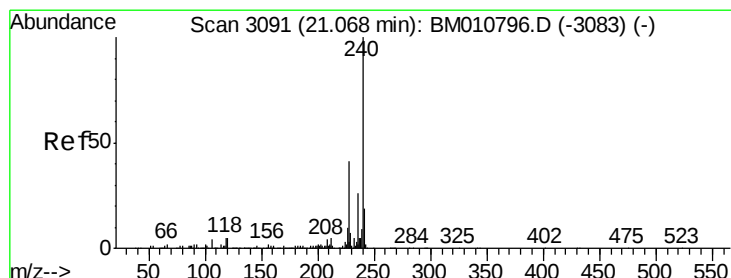
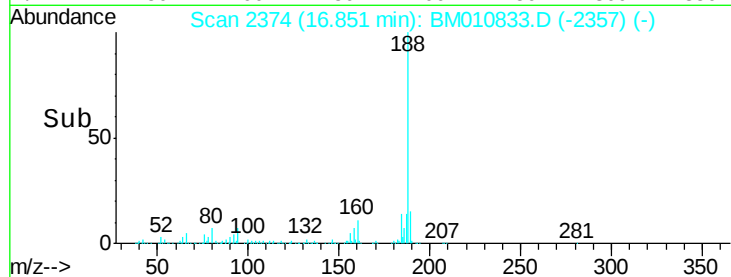
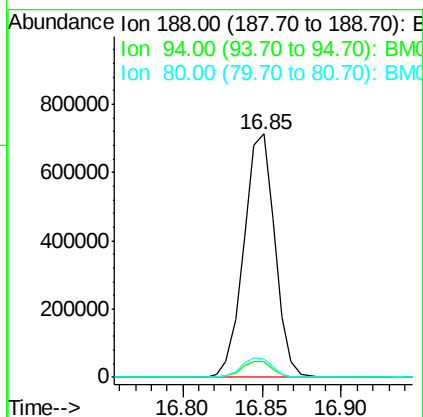
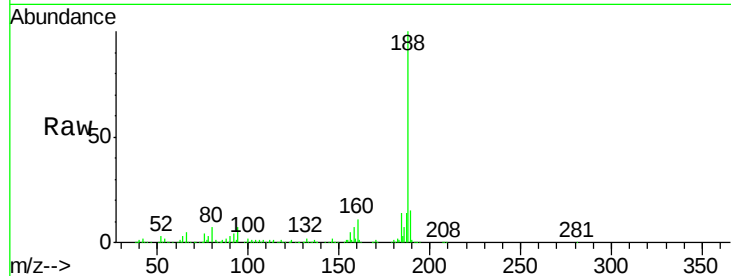




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010833.D
Acq: 14 Jul 2017 03:34

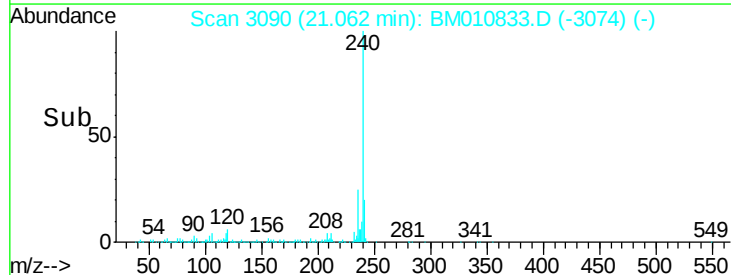
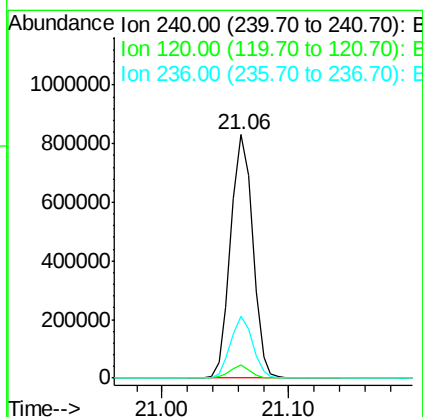
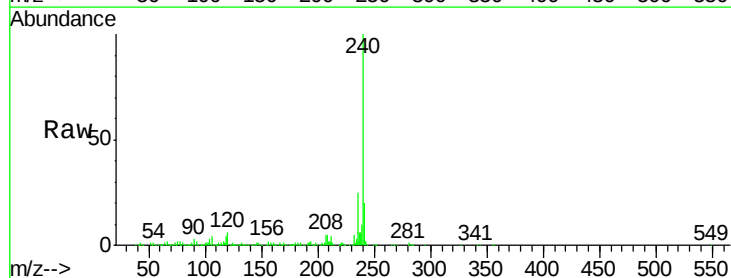
Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMP

Tgt Ion:188 Resp: 967430
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.3 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: BM010833.D
Acq: 14 Jul 2017 03:34

Tgt Ion:240 Resp: 1001753
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 84.106 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010833.D

Acq: 14 Jul 2017 03:34

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMP

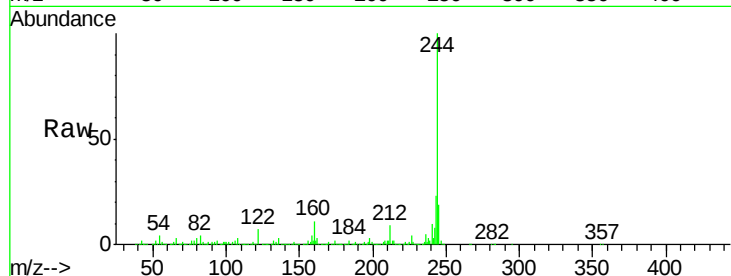
Tgt Ion:244 Resp: 4356183

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

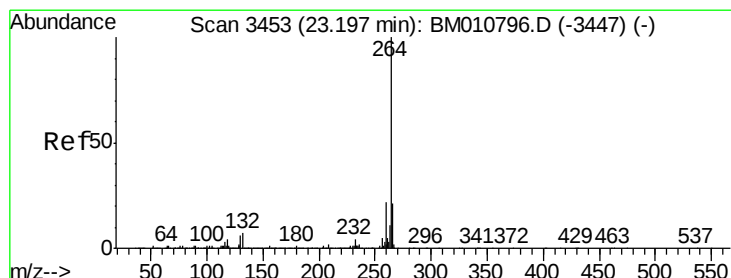
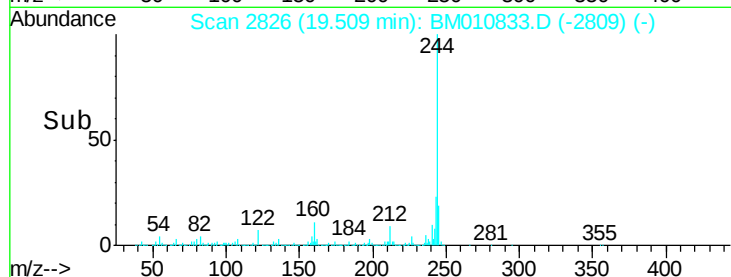
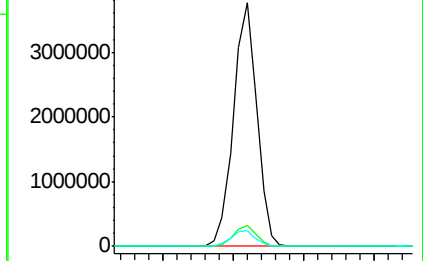
122 6.5 6.2 9.4



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# 3452

Delta R.T. -0.01 min

Lab File: BM010833.D

Acq: 14 Jul 2017 03:34

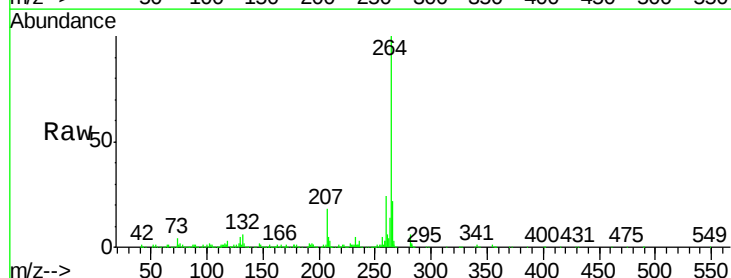
Tgt Ion:264 Resp: 894204

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.0 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

