

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010830.D
 Acq On : 14 Jul 2017 01:46
 Operator : SJ/JU
 Sample : I4164-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

Quant Time: Jul 14 04:18:27 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	175838	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	614007	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	371362	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	865922	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1041222	20.00	ng	0.00
86) Perylene-d12	23.19	264	1011641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1223015	115.21	ng	0.00
7) Phenol-d6	6.64	99	1488717	101.73	ng	0.00
23) Nitrobenzene-d5	8.59	82	1377887	86.26	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	746445	131.53	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	2612072	87.50	ng	0.00
78) Terphenyl-d14	19.51	244	4218257	78.36	ng	0.00

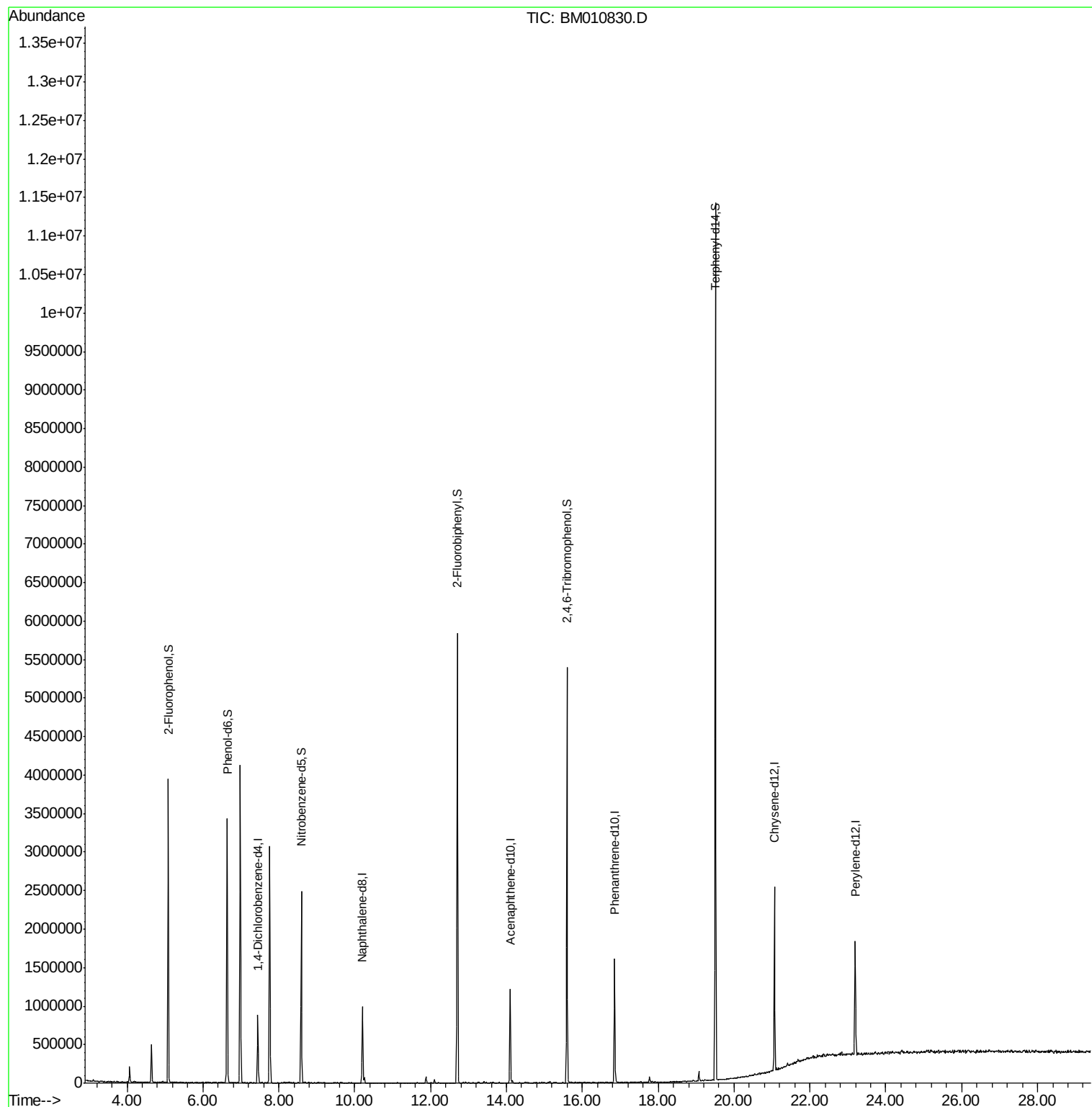
Target Compounds Qvalue

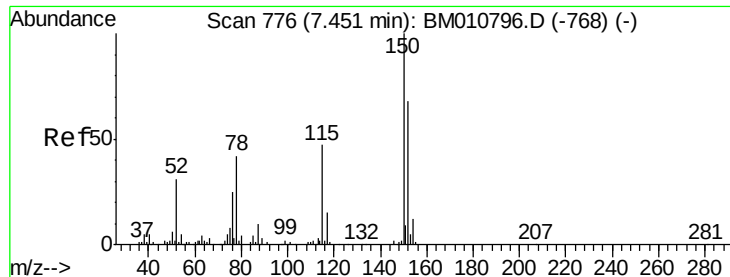
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

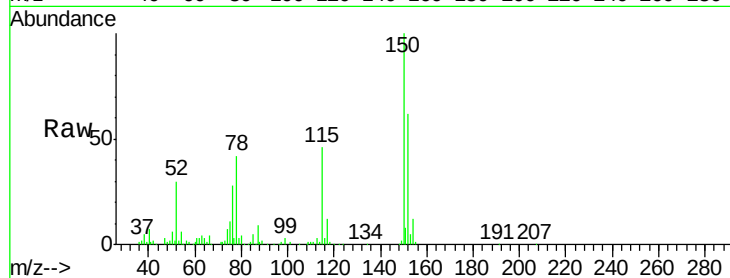
Tot Ion:152 Resp: 175838

Ion Ratio Lower Upper

152 100

150 160.6 119.5 179.3

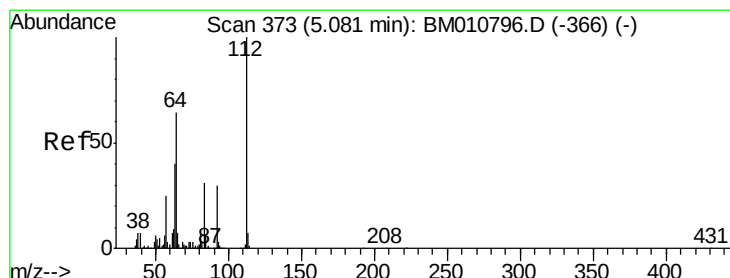
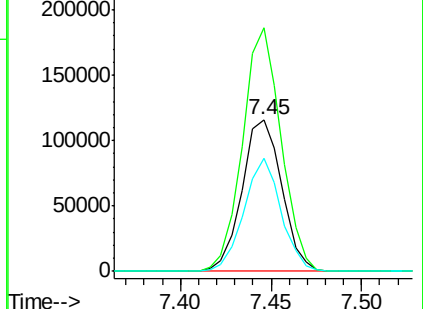
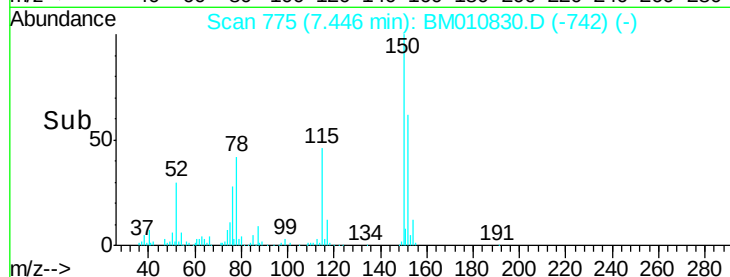
115 74.2 43.0 64.4#



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: 115.21 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

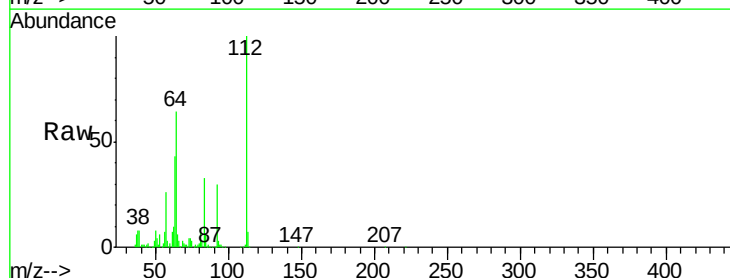
Tgt Ion:112 Resp: 1223015

Ion Ratio Lower Upper

112 100

64 63.7 38.6 57.8#

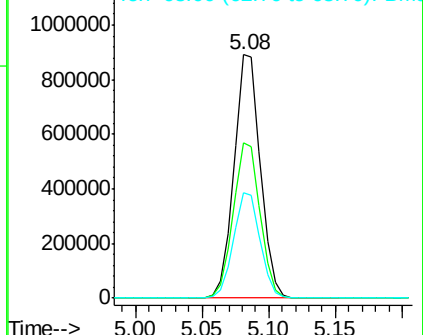
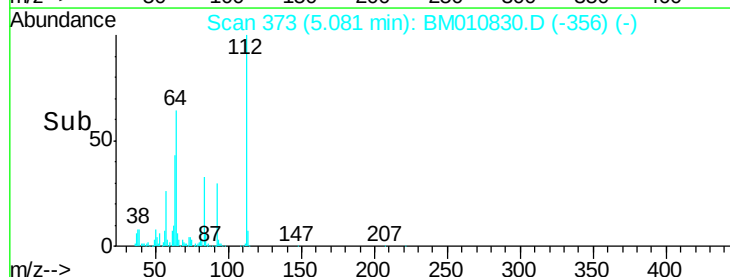
63 43.2 19.3 28.9#

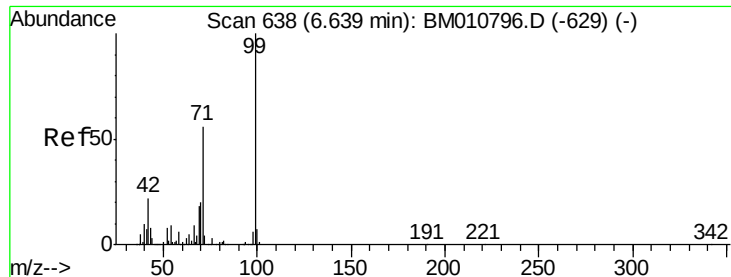


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 101.73 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

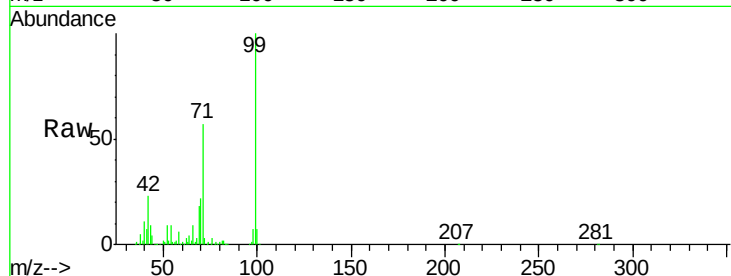
Tot Ion: 99 Resp: 1488717

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

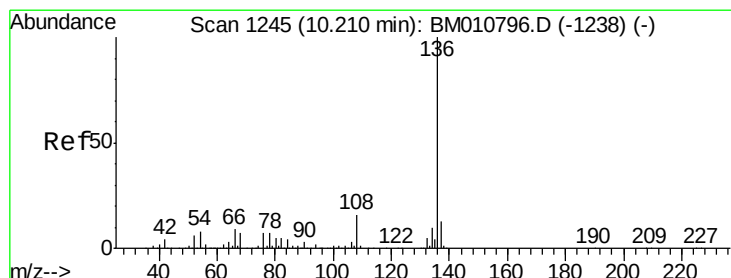
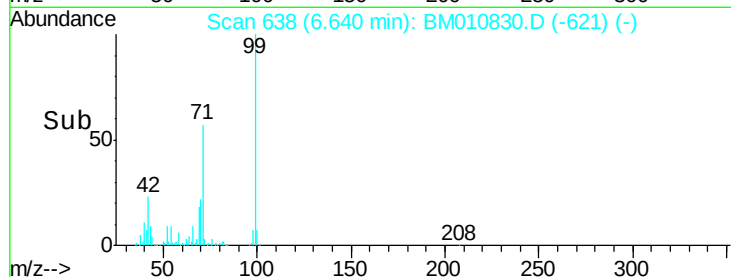
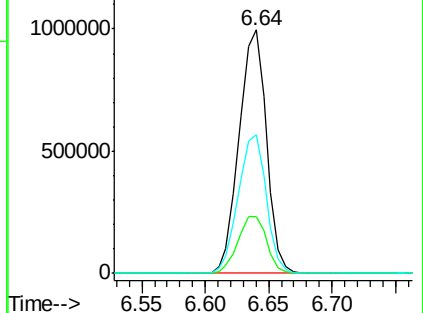
71 57.2 23.4 35.2#



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: 20.00 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

Tgt Ion: 136 Resp: 614007

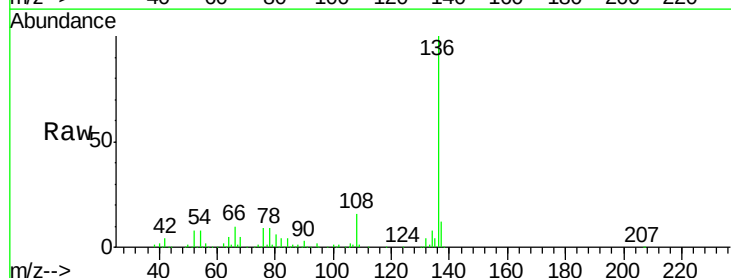
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 8.1 4.6 6.8#

68 5.4 3.7 5.5

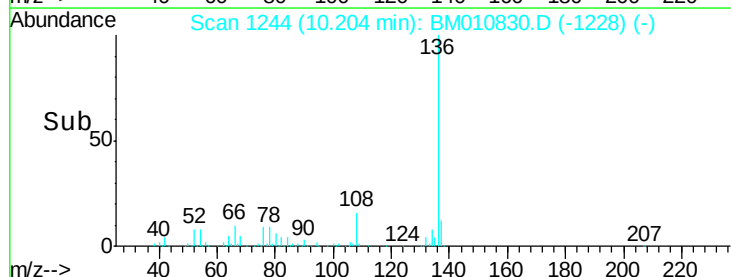
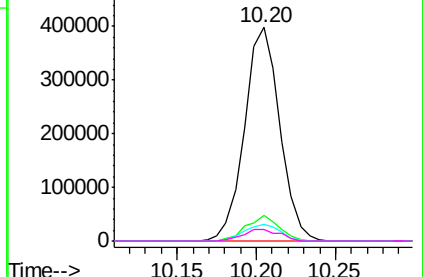


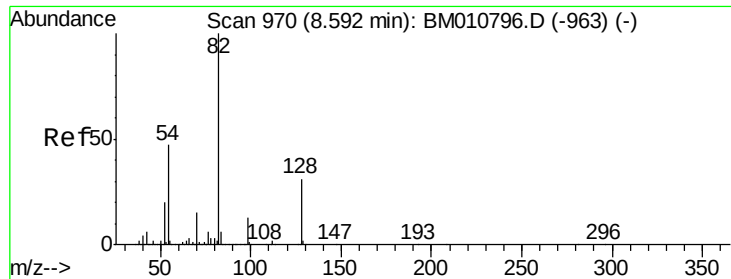
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)



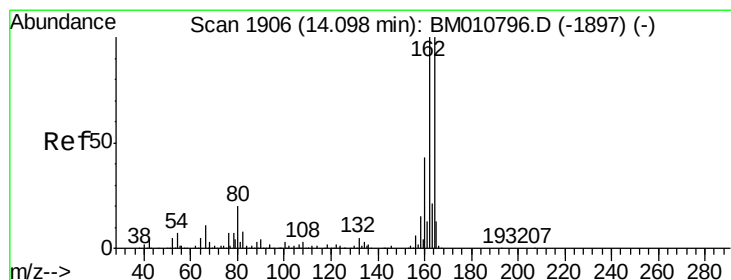
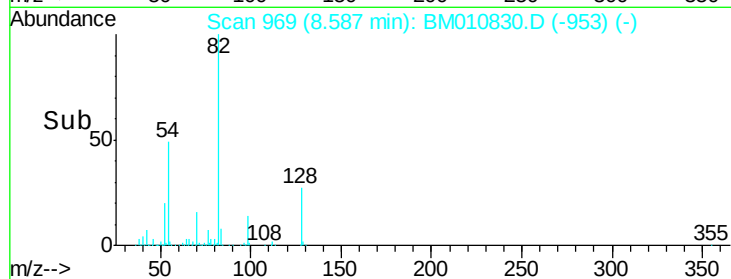
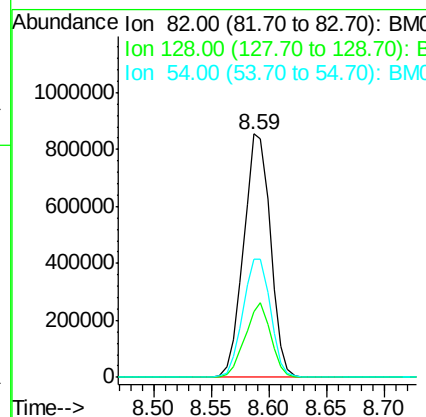
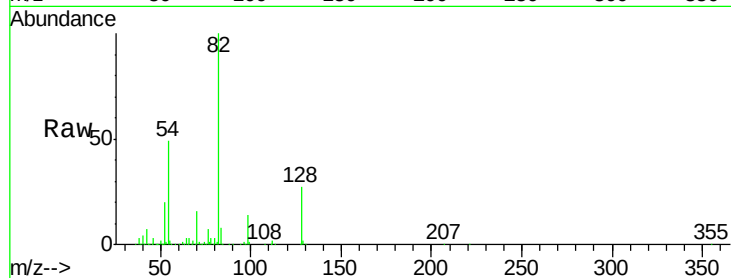


#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010830.D
 Acq: 14 Jul 2017 01:46

Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

Tot Ion: 82 Resp: 1377887

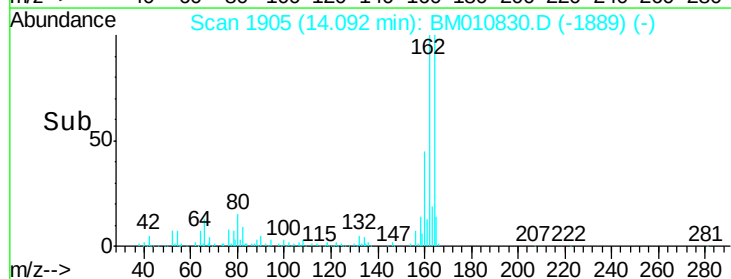
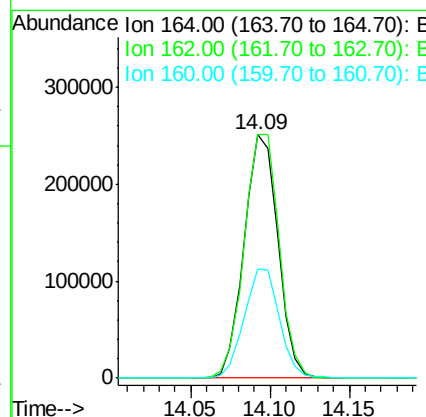
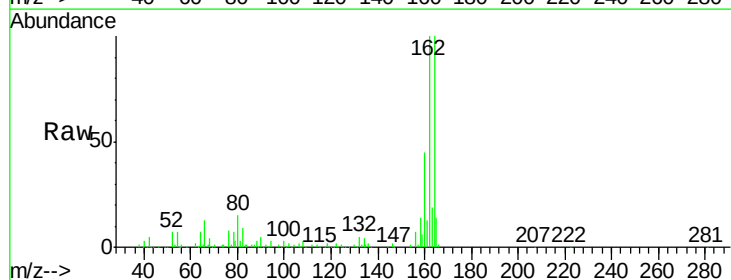
Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	48.7	40.6	60.8

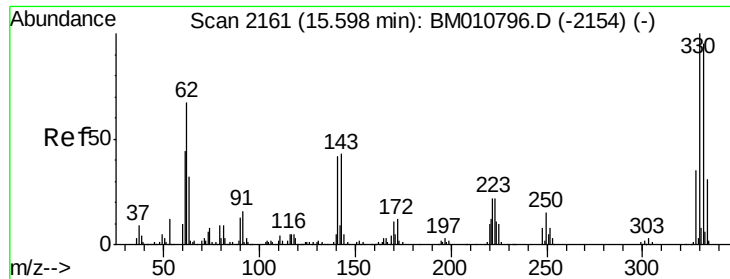


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010830.D
 Acq: 14 Jul 2017 01:46

Tgt Ion: 164 Resp: 371362

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	44.6	35.8	53.6

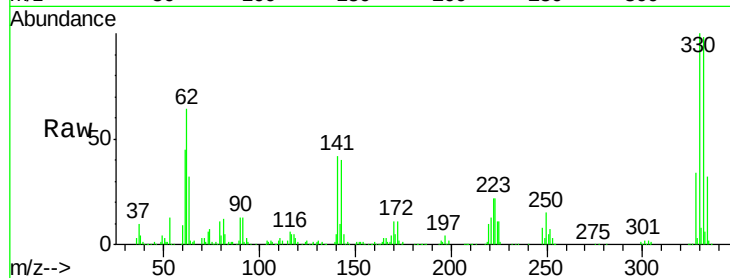




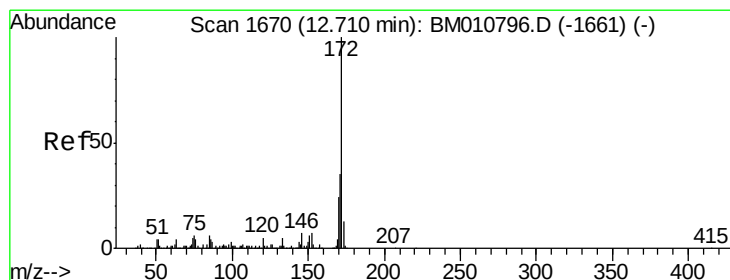
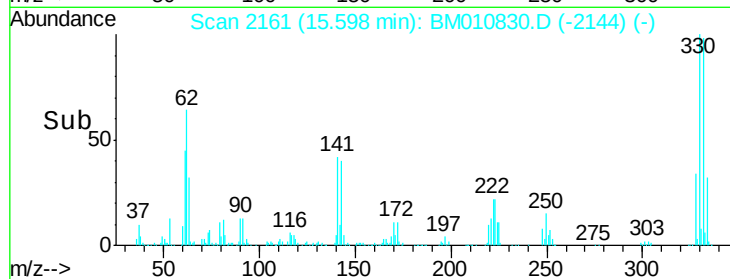
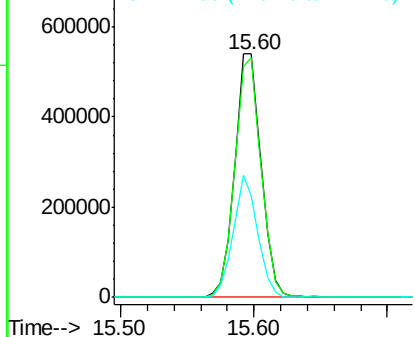
#41
 2,4,6-Tribromophenol
 Concen: 131.53 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010830.D
 Acq: 14 Jul 2017 01:46

Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	46.1	0.0	0.0#

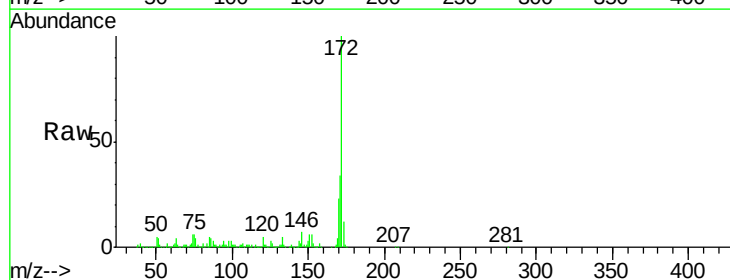


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

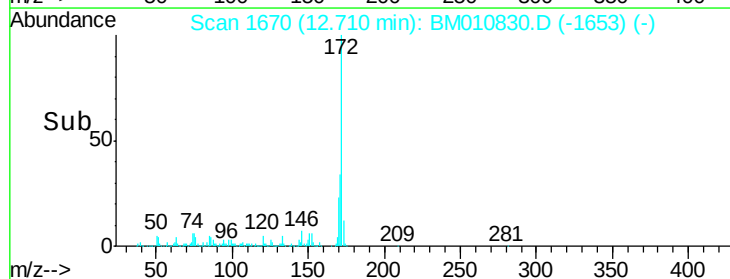
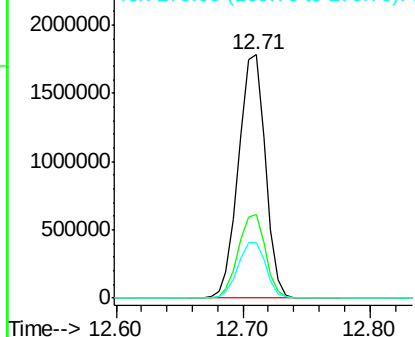


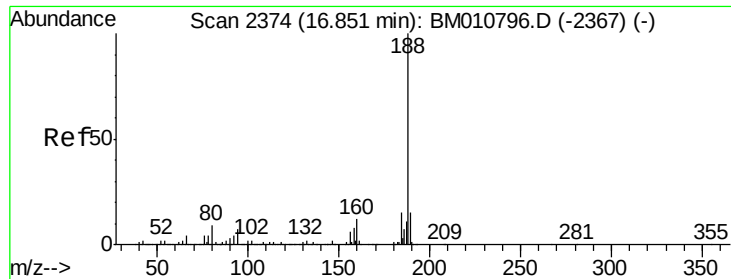
#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010830.D
 Acq: 14 Jul 2017 01:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.0	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

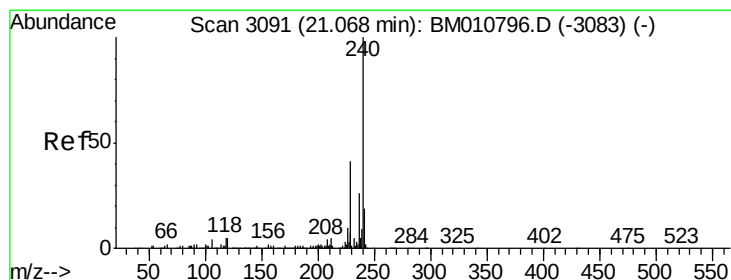
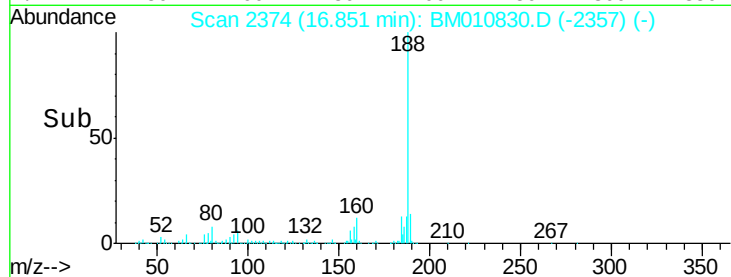
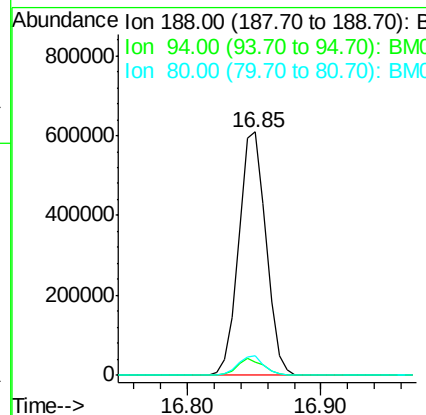
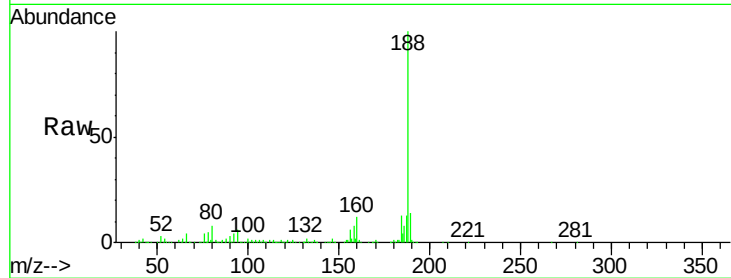




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010830.D
Acq: 14 Jul 2017 01:46

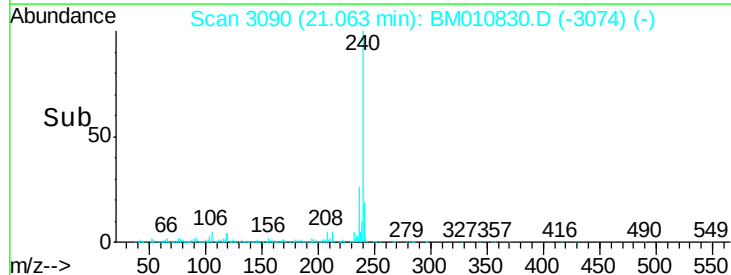
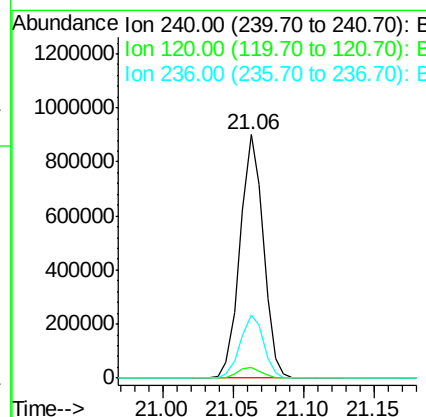
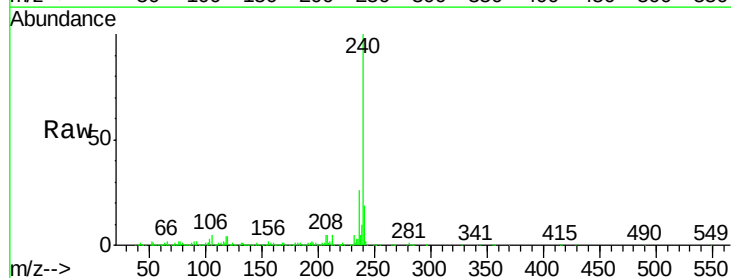
Instrument :
BNA_M
ClientSampleId :
72-11975-COMP

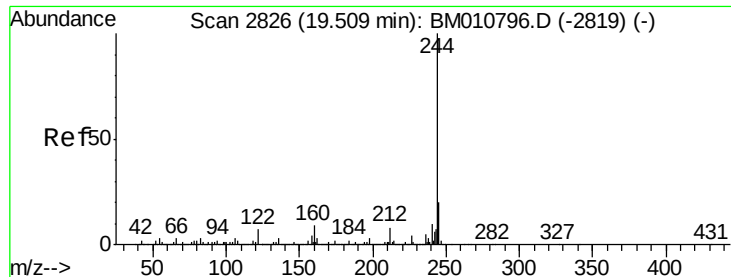
Tot Ion:188 Resp: 865922
Ion Ratio Lower Upper
188 100
94 5.5 8.7 13.1#
80 8.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010830.D
Acq: 14 Jul 2017 01:46

Tgt Ion:240 Resp: 1041222
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 78.36 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

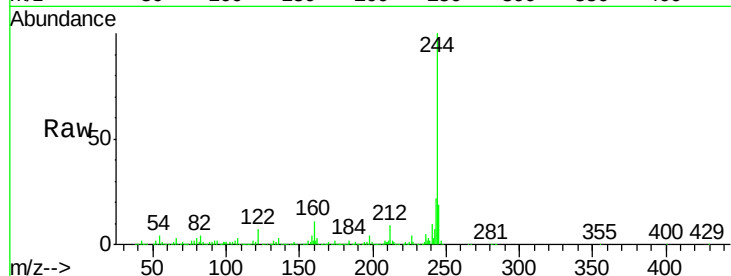
Tot Ion:244 Resp: 4218257

Ion Ratio Lower Upper

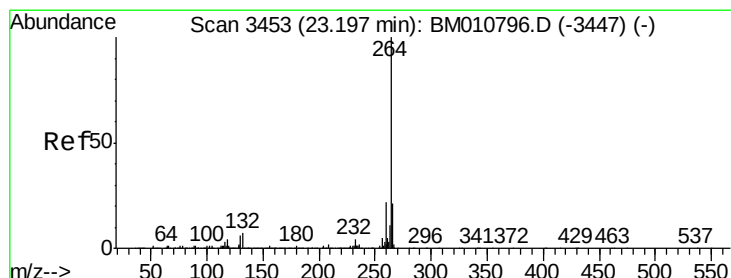
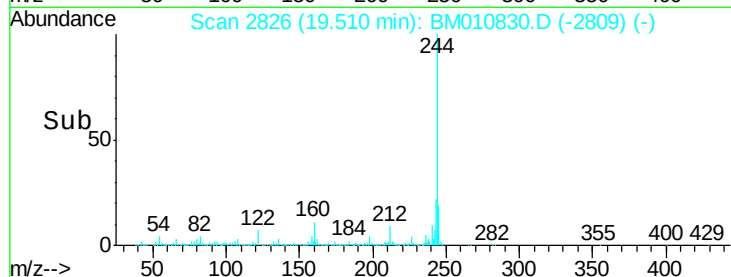
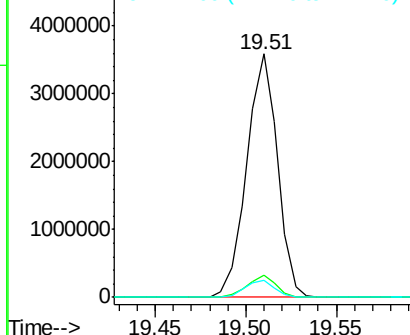
244 100

212 9.1 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: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010830.D

Acq: 14 Jul 2017 01:46

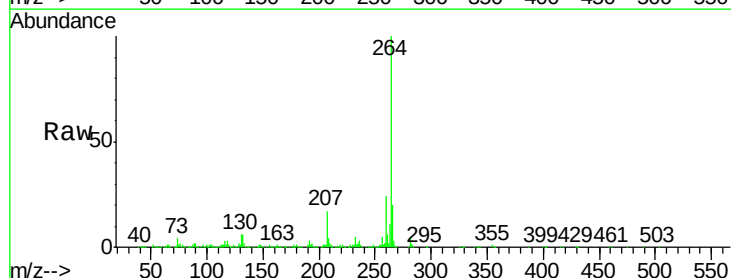
Tgt Ion:264 Resp: 1011641

Ion Ratio Lower Upper

264 100

260 24.2 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

