

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010881.D
 Acq On : 18 Jul 2017 21:29
 Operator : SJ/JU
 Sample : I4224-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DEC-04

Quant Time: Jul 19 01:04:08 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

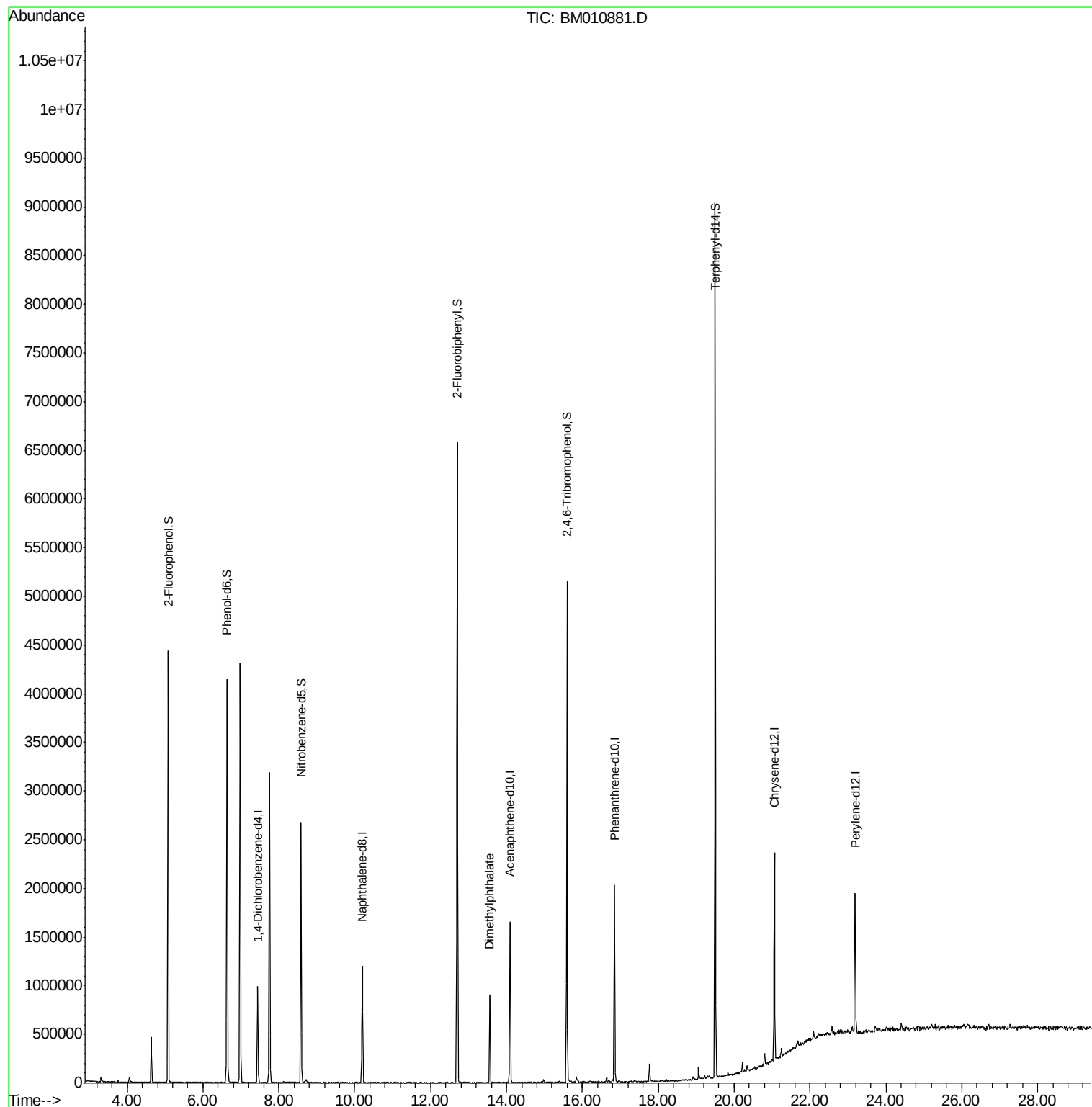
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	204001	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	769239	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	492994	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1056142	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1023994	20.00	ng	0.00
86) Perylene-d12	23.19	264	983259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1365631	110.89	ng	0.00
7) Phenol-d6	6.63	99	1838176	108.27	ng	0.00
23) Nitrobenzene-d5	8.59	82	1442241	72.07	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	728951	96.76	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	2837405	71.60	ng	0.00
78) Terphenyl-d14	19.50	244	3322114	62.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.56	163	483354	11.525	ng	Qvalue 100

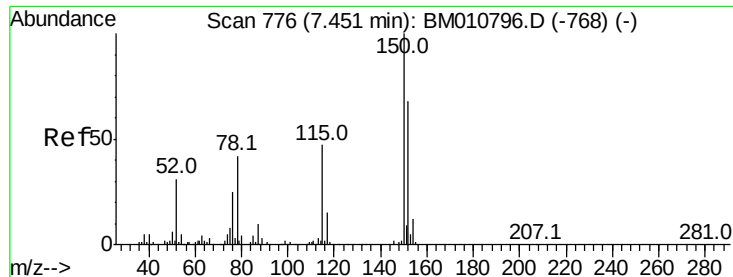
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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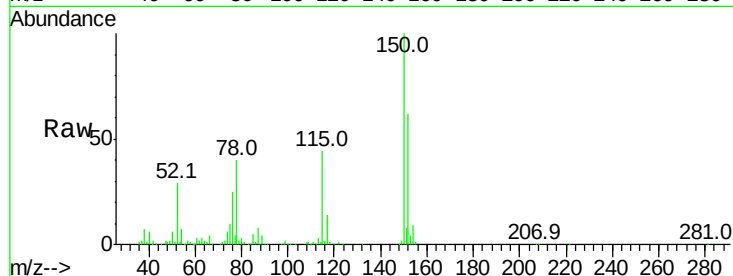


#1

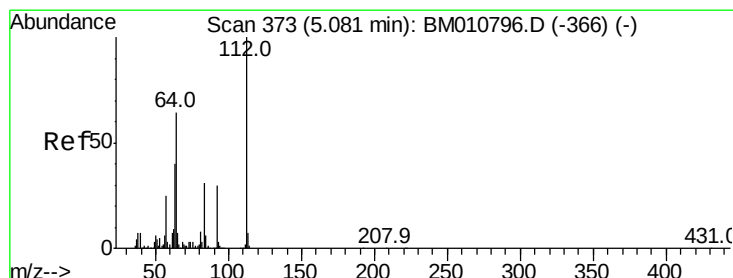
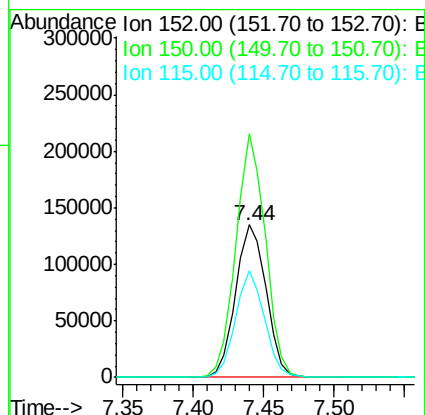
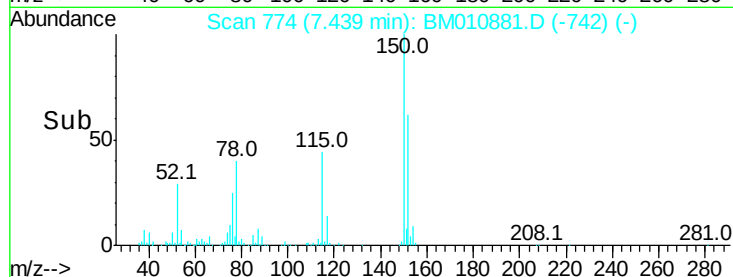
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010881.D
Acq: 18 Jul 2017 21:29

Instrument :
BNA_M
ClientSampleId :
DEC-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	119.5	179.3
115	70.4	43.0	64.4



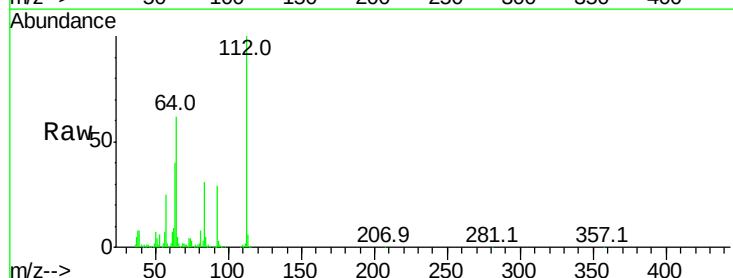
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



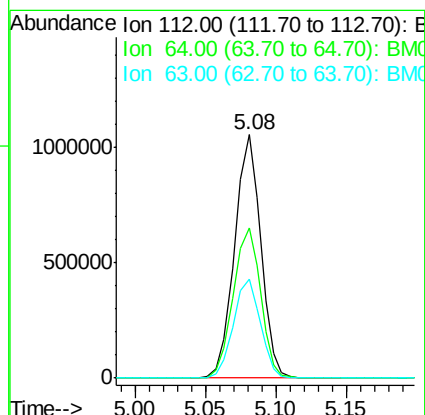
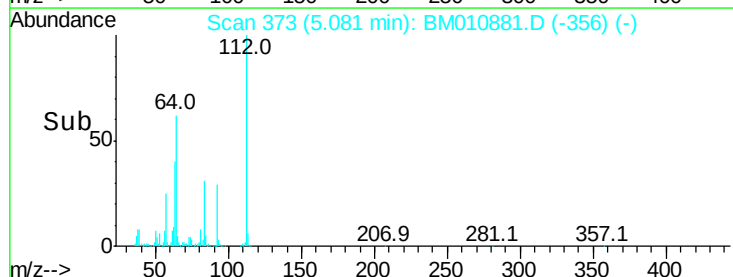
#5

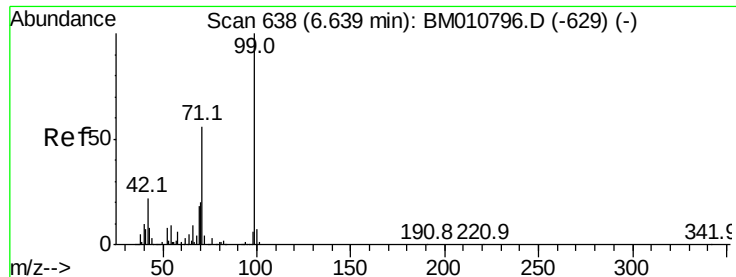
2-Fluorophenol
Concen: 110.889 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010881.D
Acq: 18 Jul 2017 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8
63	40.5	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: 108.270 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

Instrument :

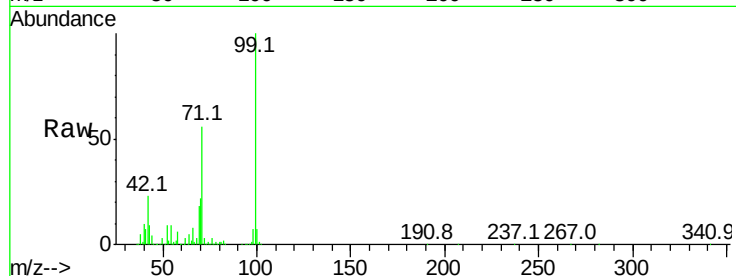
BNA_M

ClientSampleId :

DEC-04

Tot Ion: 99 Resp: 1838176

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	55.8	23.4	35.2#

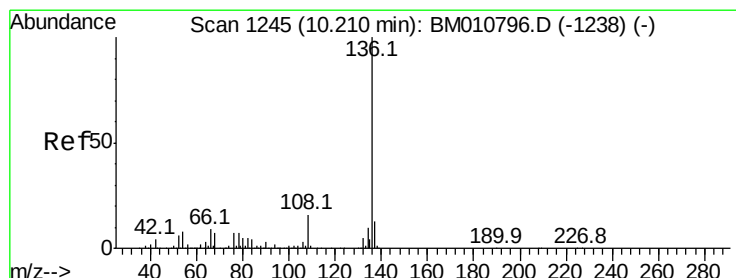
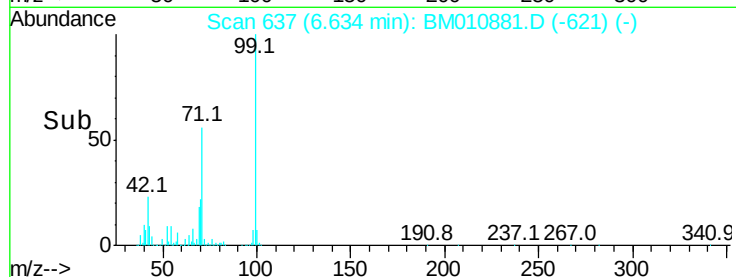
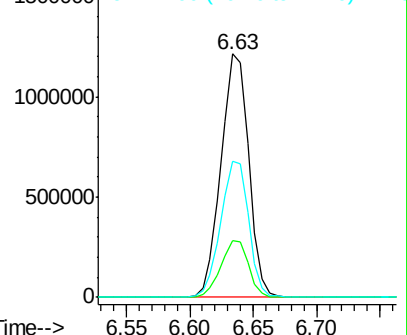


Abundance

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# 1243

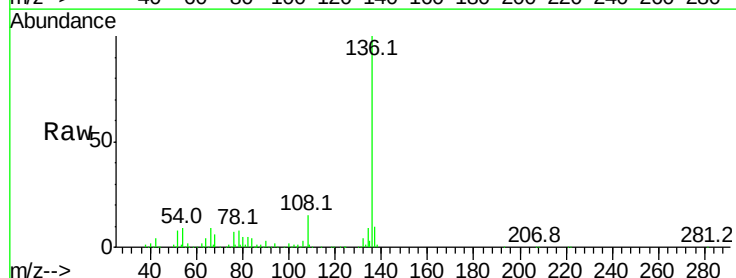
Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

Tgt Ion: 136 Resp: 769239

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	8.7	4.6	6.8#
68	6.0	3.7	5.5#



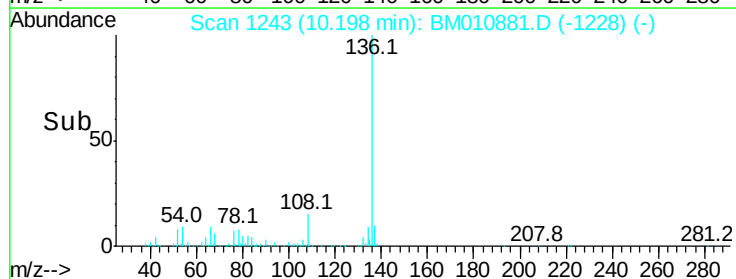
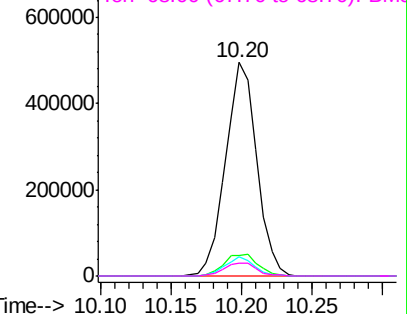
Abundance

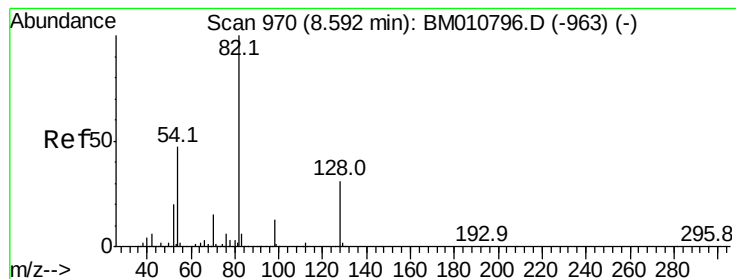
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 72.066 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

DEC-04

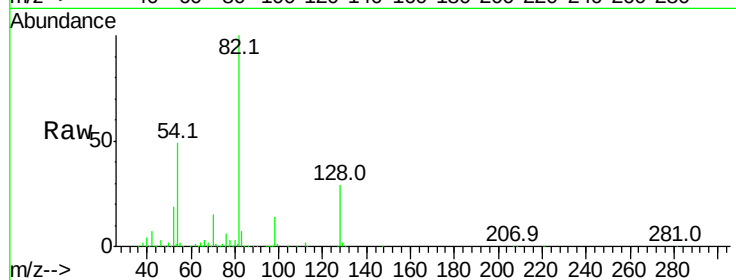
Tot Ion: 82 Resp: 1442241

Ion Ratio Lower Upper

82 100

128 29.4 32.8 49.2#

54 48.9 40.6 60.8

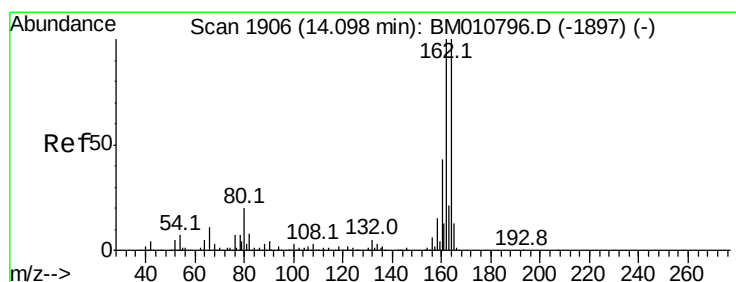
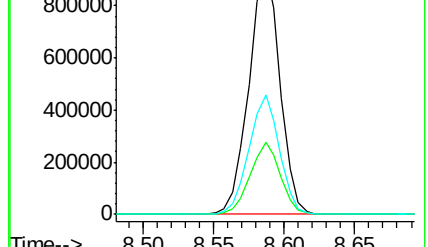
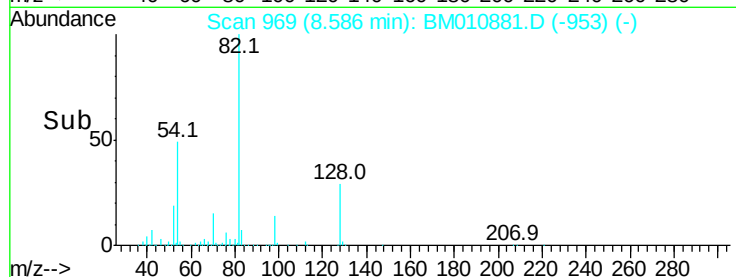


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

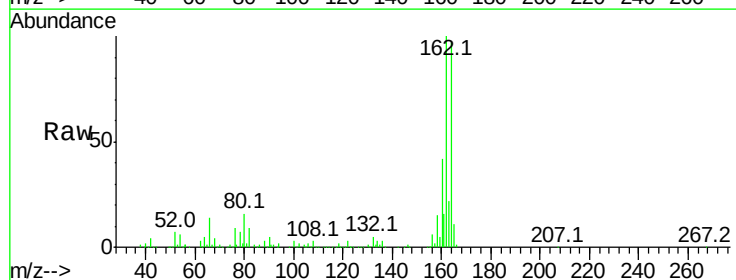
Tgt Ion:164 Resp: 492994

Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

160 43.5 35.8 53.6

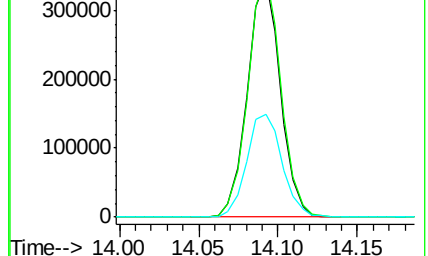
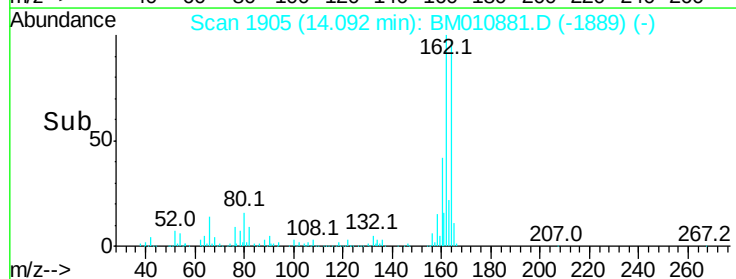


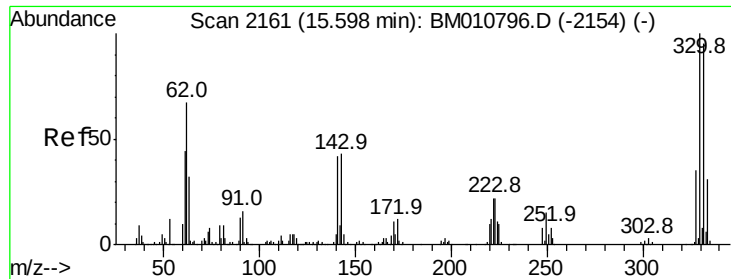
Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 96.756 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

DEC-04

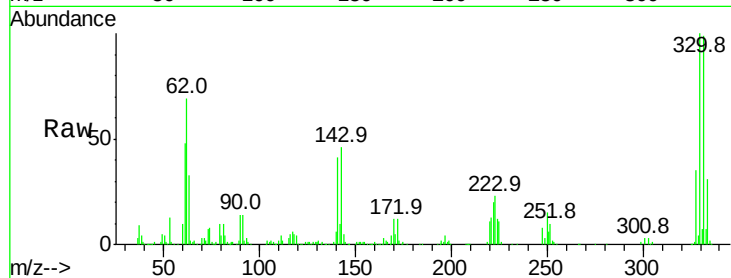
Tot Ion:330 Resp: 728951

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

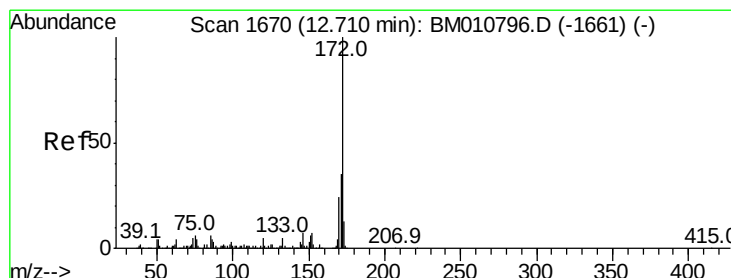
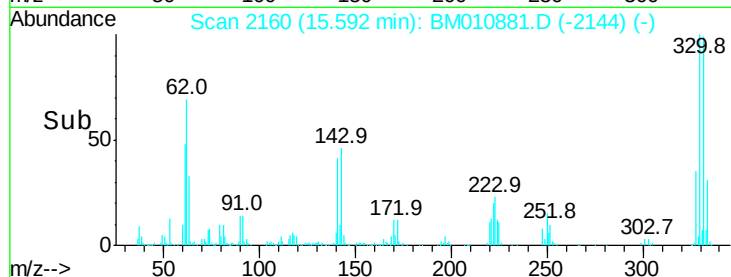
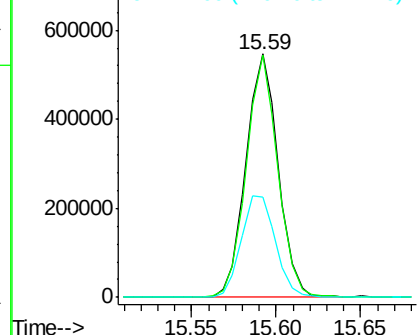
141 44.5 0.0 0.0#



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: 71.599 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

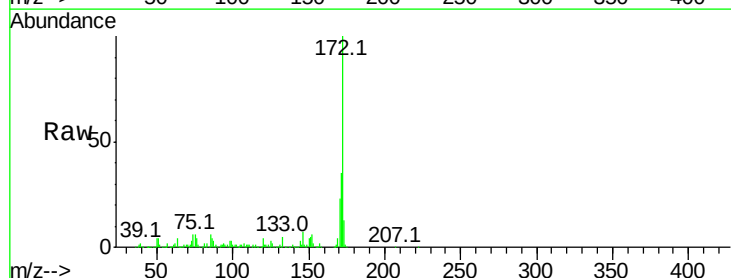
Tgt Ion:172 Resp: 2837405

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

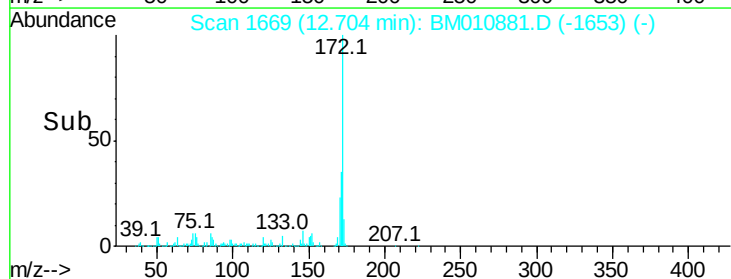
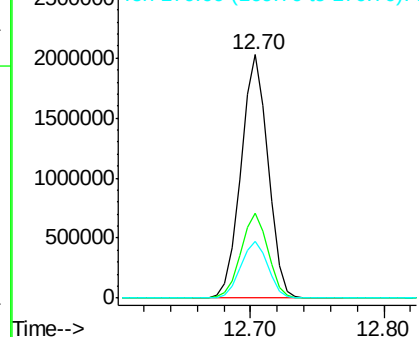
170 23.3 18.8 28.2

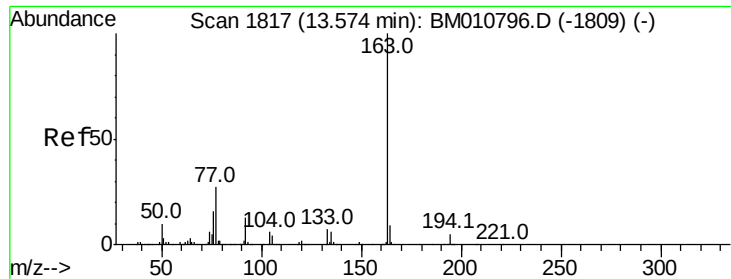


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.525 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

Instrument :

BNA_M

ClientSampleId :

DEC-04

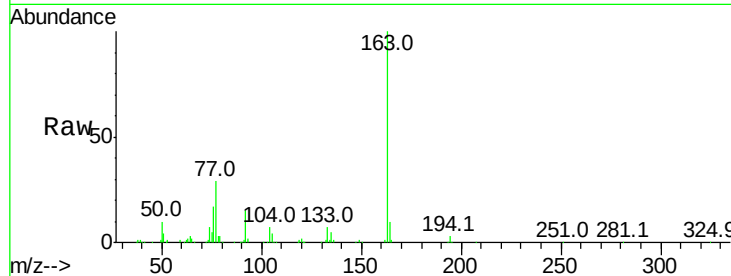
Tot Ion:163 Resp: 483354

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

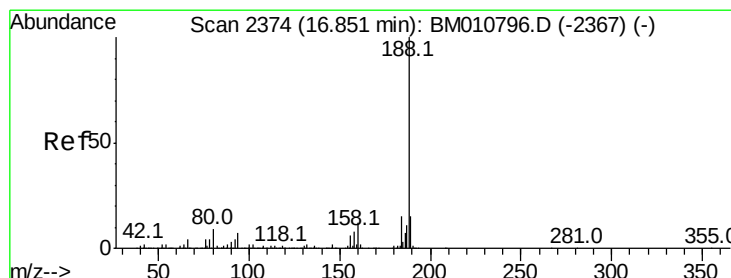
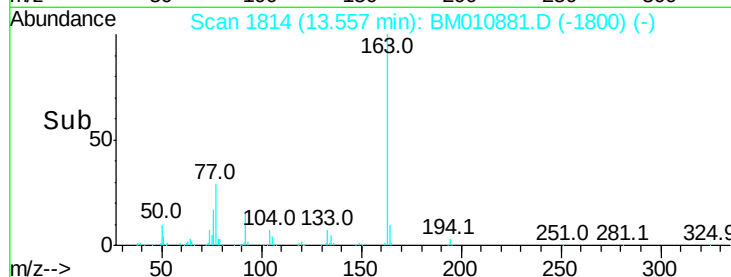
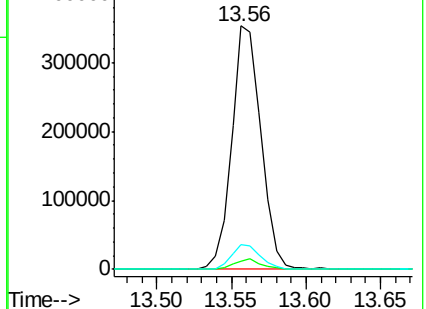
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

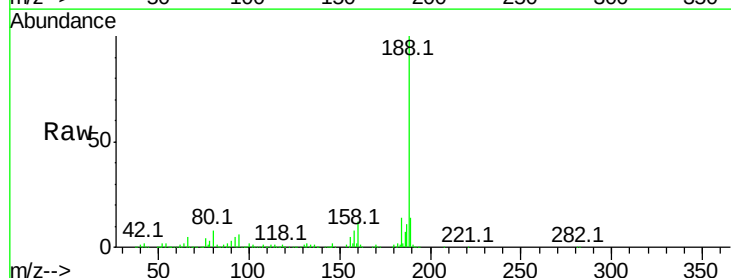
Tgt Ion:188 Resp: 1056142

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

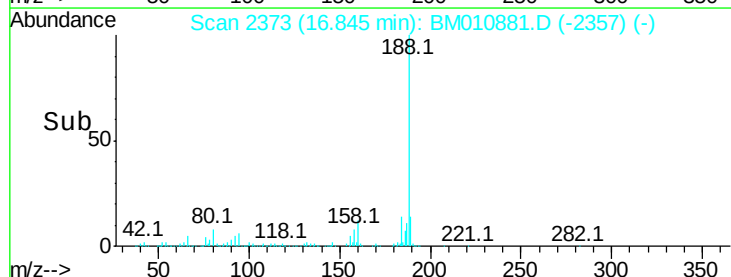
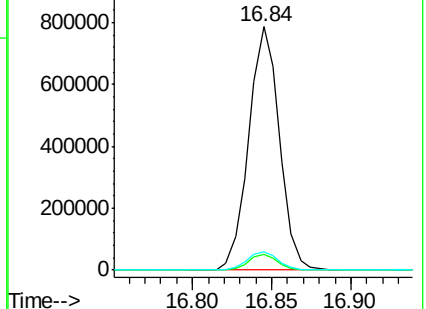
80 7.8 9.3 13.9#

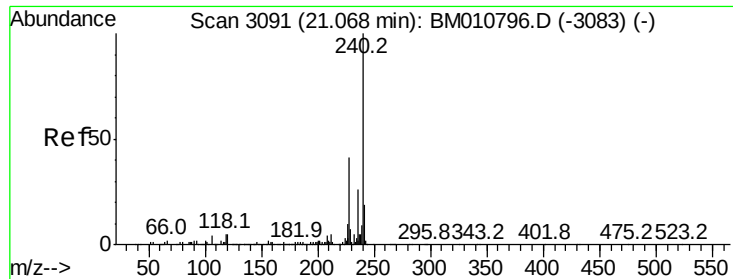


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

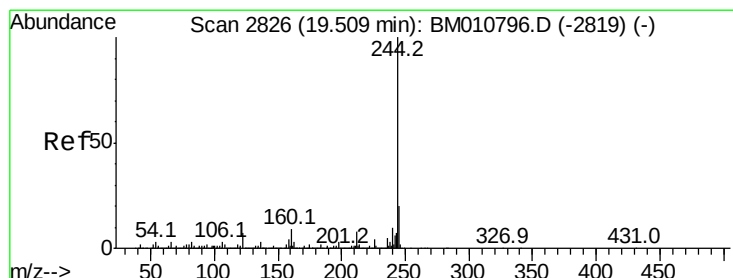
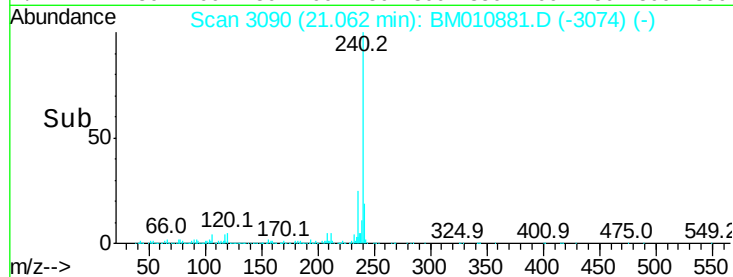
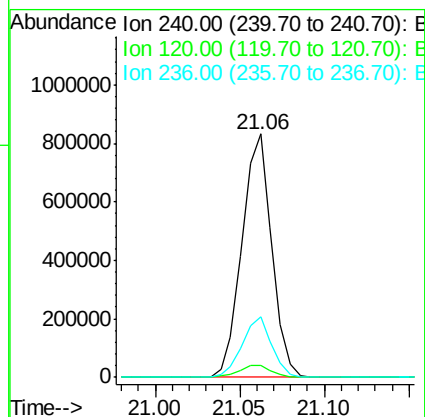
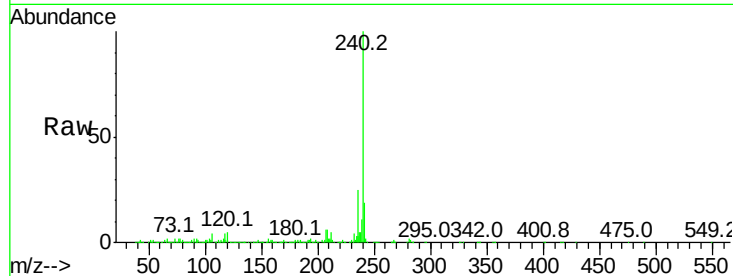




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM010881.D
 Acq: 18 Jul 2017 21:29

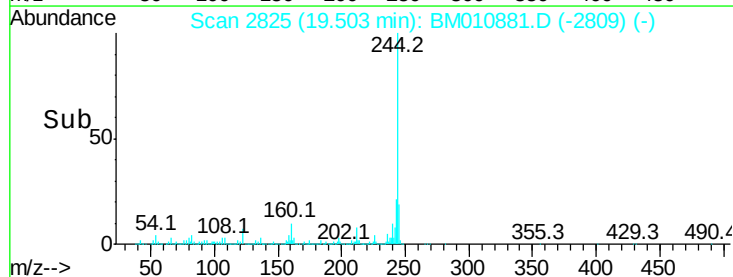
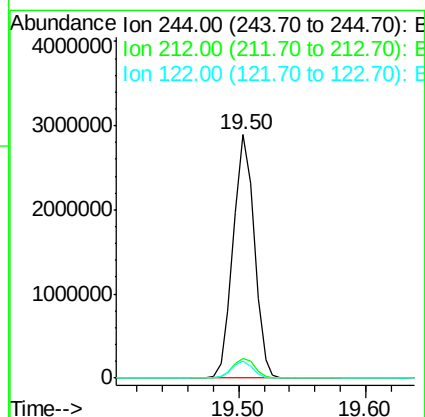
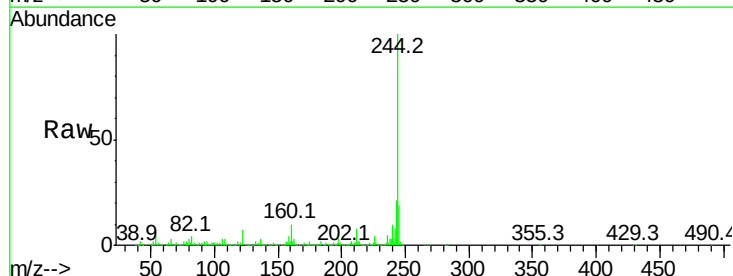
Instrument :
 BNA_M
 ClientSampled :
 DEC-04

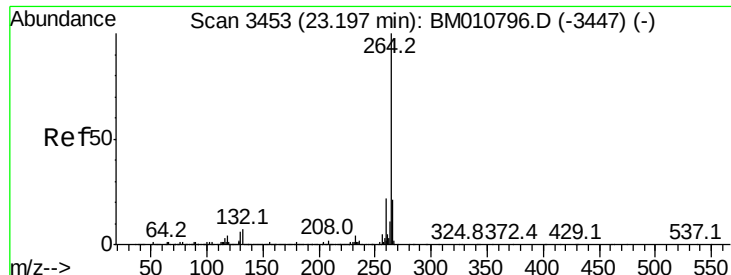
Tot Ion:240 Resp: 1023994
 Ion Ratio Lower Upper
 240 100
 120 5.1 8.2 12.2#
 236 24.9 20.0 30.0



#78
 Terphenyl-d14
 Concen: 62.748 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM010881.D
 Acq: 18 Jul 2017 21:29

Tgt Ion:244 Resp: 3322114
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.9 7.3#
 122 6.8 6.2 9.4

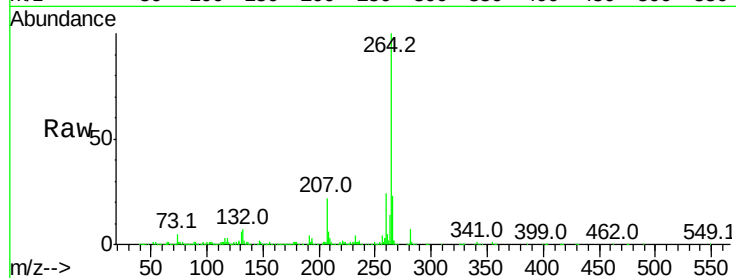




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010881.D
Acq: 18 Jul 2017 21:29

Instrument :
BNA_M
ClientSampleId :
DEC-04

Tot Ion:	264	Resp:	983259
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.9	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

