

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

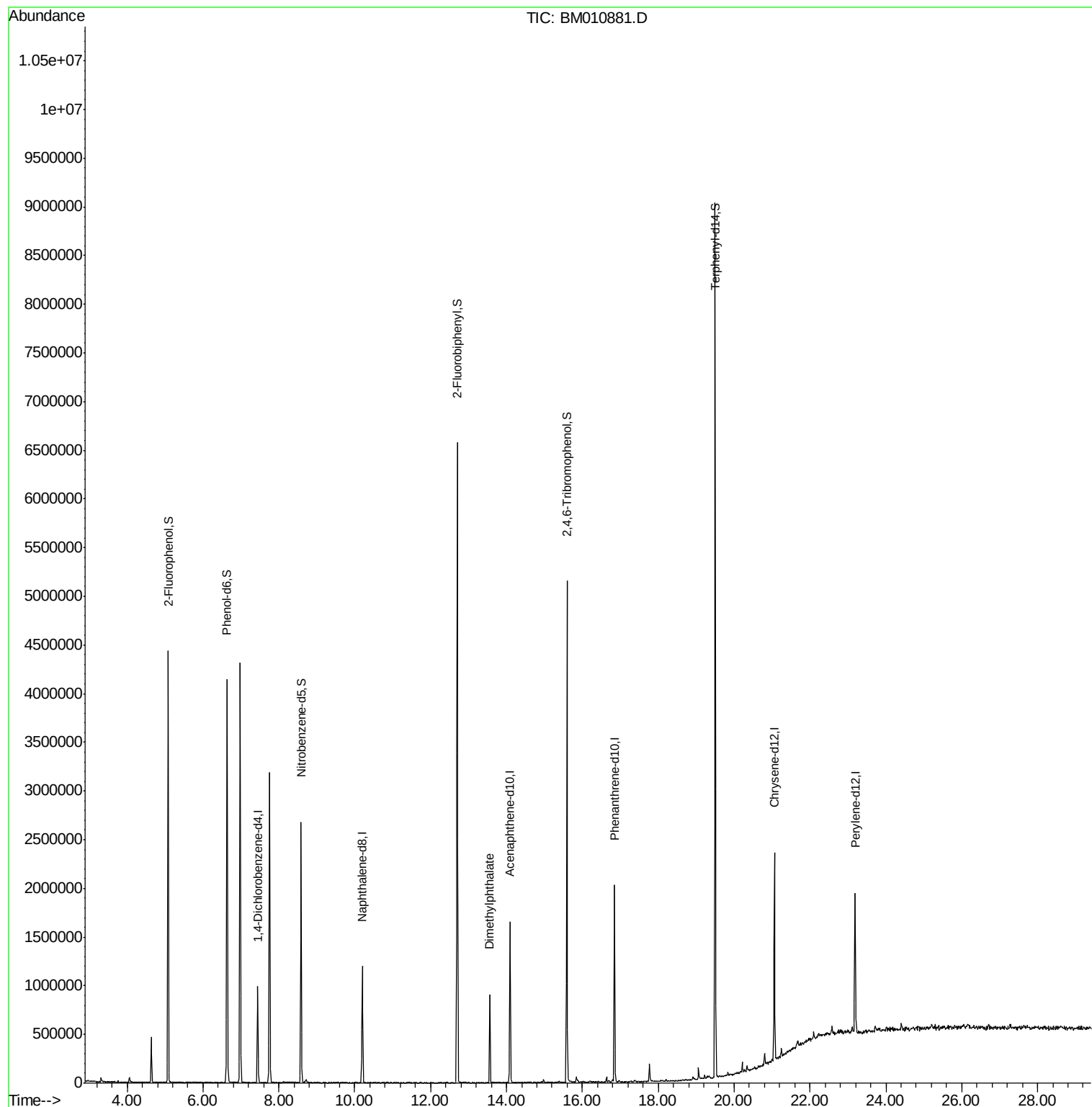
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	204001	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	769239	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	492994	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1056142	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1023994	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	11.52	ng	Qvalue 100

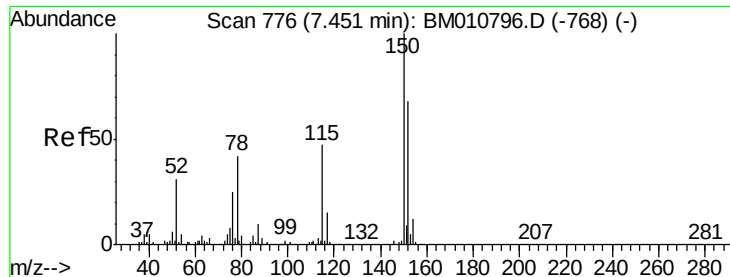
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010881.D

Acq: 18 Jul 2017 21:29

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BNA_M

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DEC-04

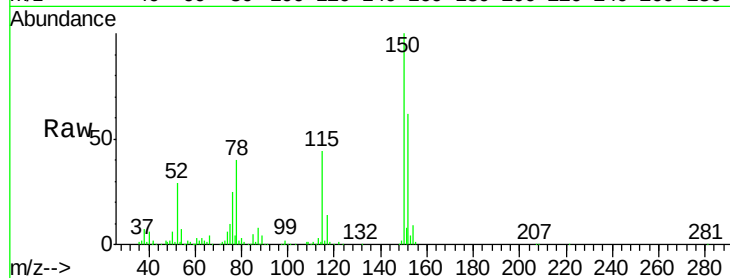
Tot Ion:152 Resp: 204001

Ion Ratio Lower Upper

152 100

150 160.0 119.5 179.3

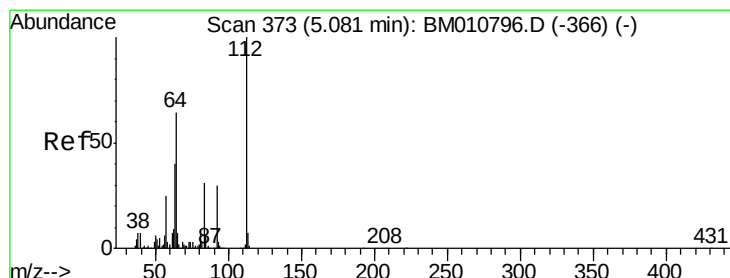
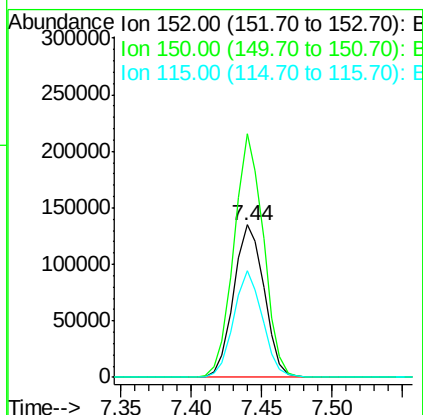
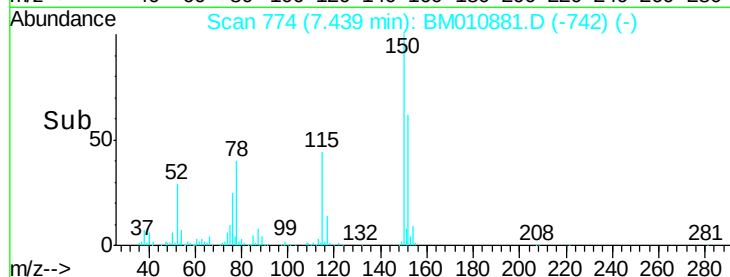
115 70.4 43.0 64.4#



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: 110.89 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

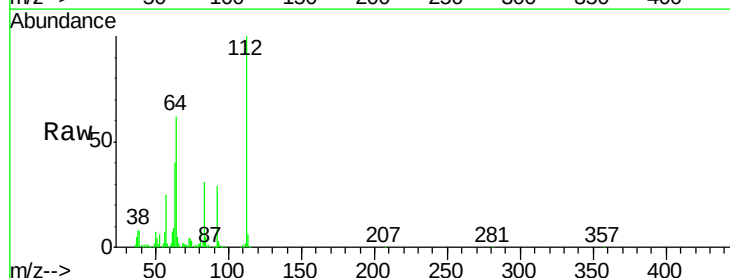
Tgt Ion:112 Resp: 1365631

Ion Ratio Lower Upper

112 100

64 61.9 38.6 57.8#

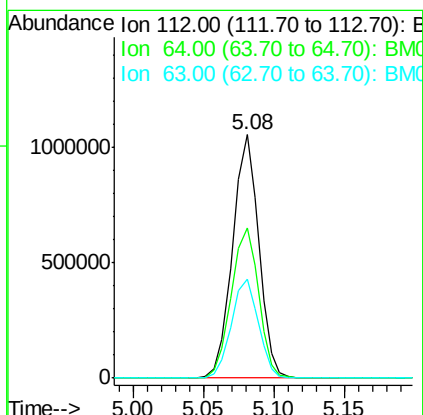
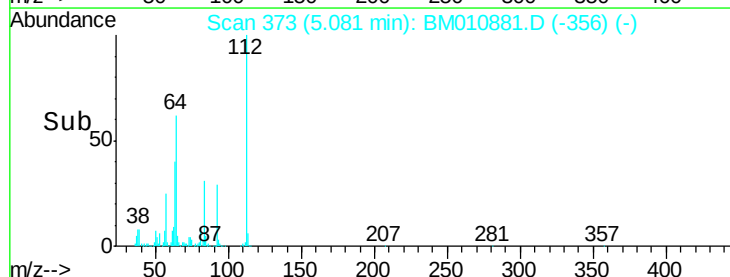
63 40.5 19.3 28.9#

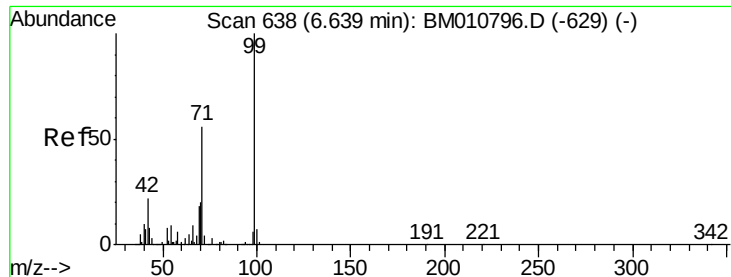


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 108.27 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

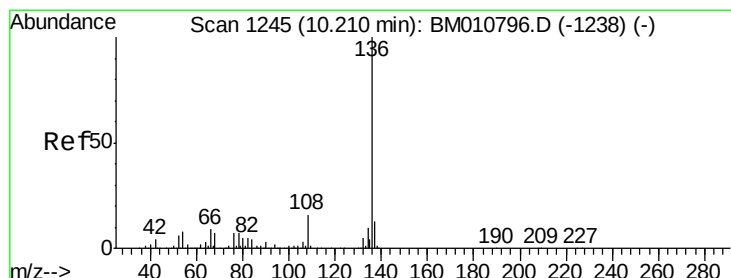
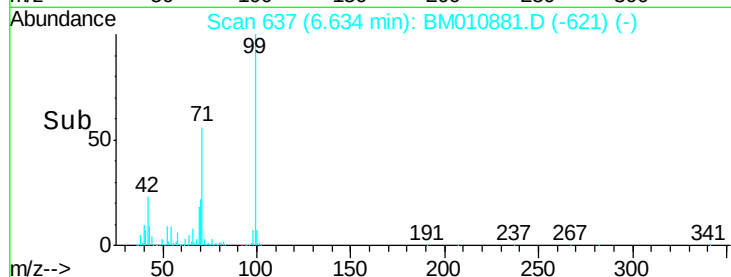
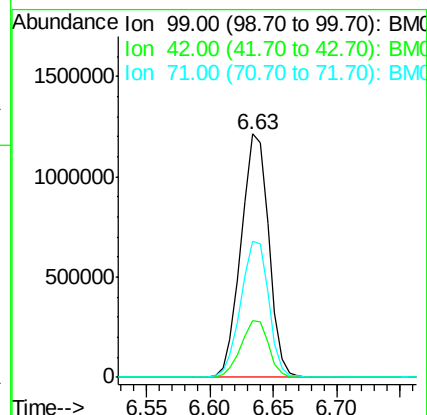
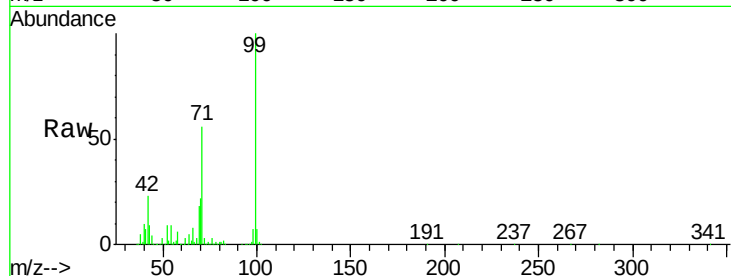
Tot Ion: 99 Resp: 1838176

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 55.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 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

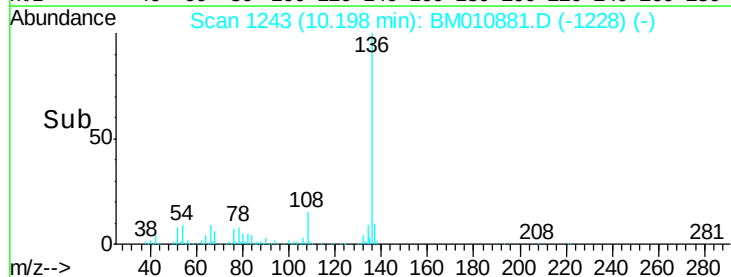
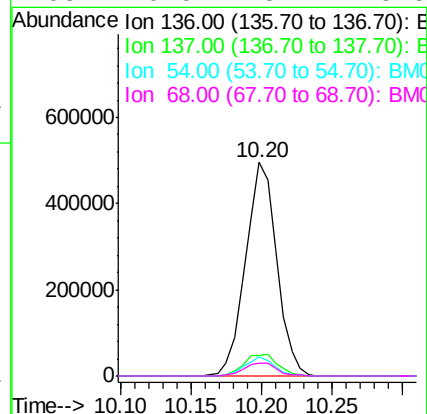
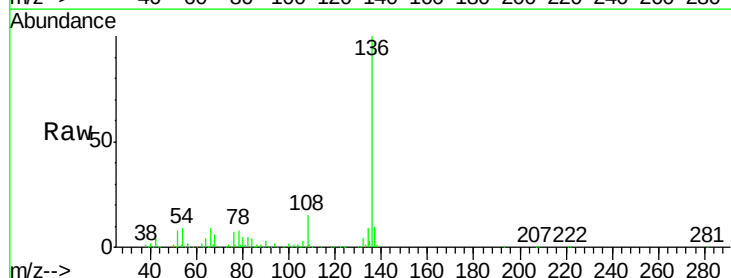
Ion Ratio Lower Upper

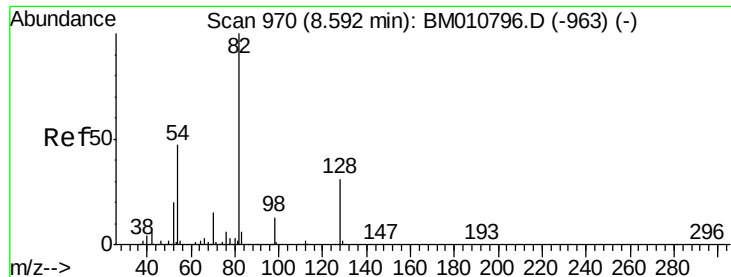
136 100

137 9.8 8.7 13.1

54 8.7 4.6 6.8#

68 6.0 3.7 5.5#

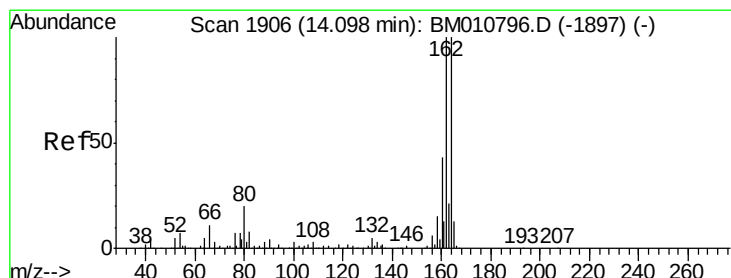
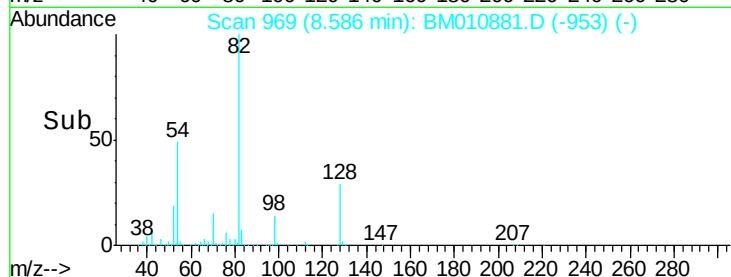
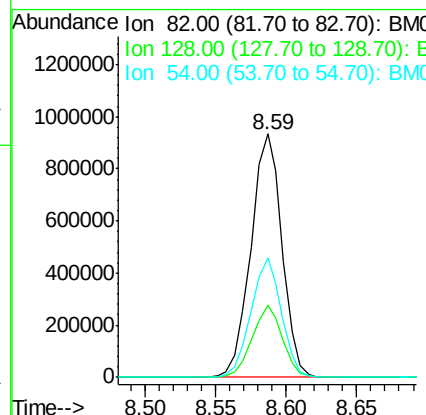
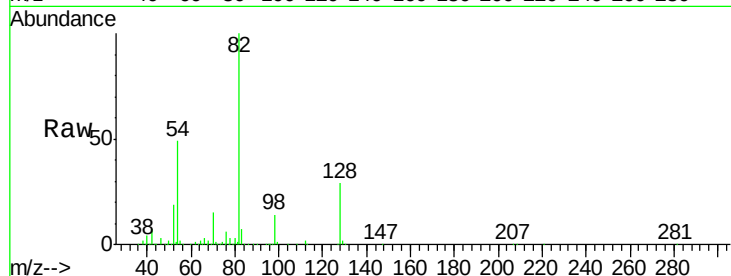




#23
 Nitrobenzene-d5
 Concen: 72.07 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010881.D
 Acq: 18 Jul 2017 21:29

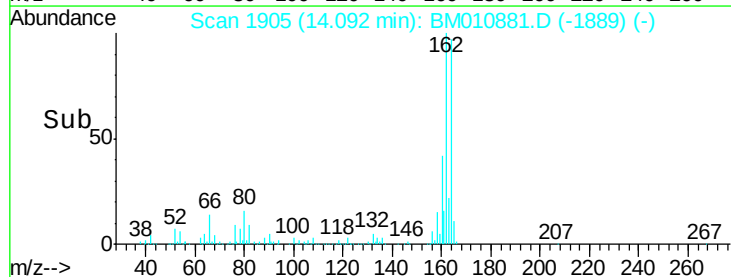
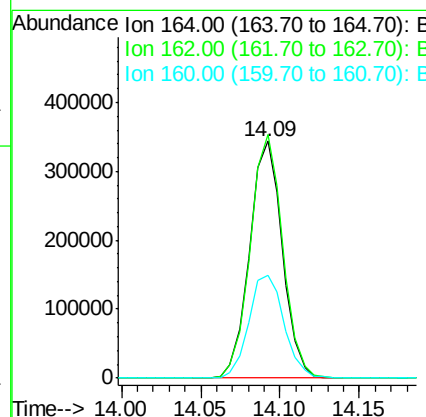
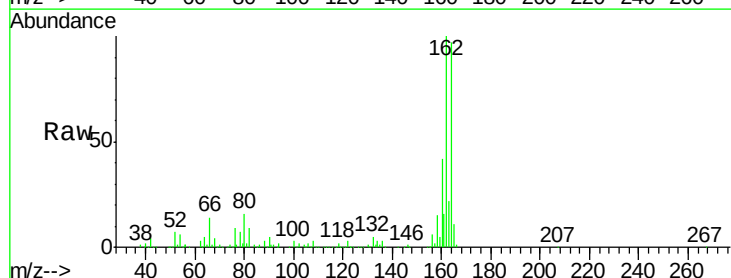
Instrument :
 BNA_M
 ClientSampleId :
 DEC-04

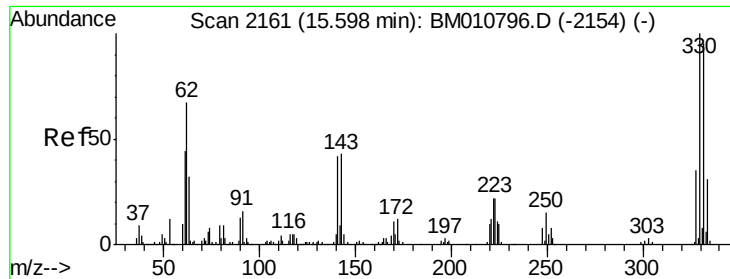
Tot Ion: 82 Resp: 1442241
 Ion Ratio Lower Upper
 82 100
 128 29.4 32.8 49.2#
 54 48.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 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





#41

2,4,6-Tribromophenol

Concen: 96.76 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

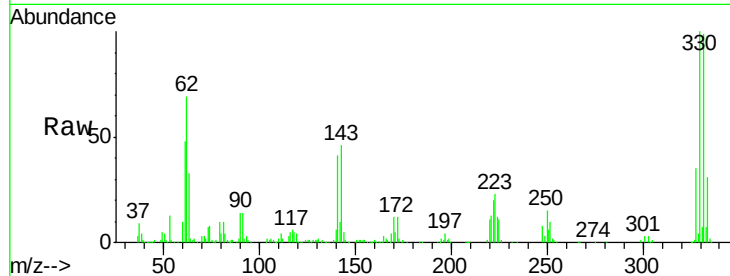
Tot Ion:330 Resp: 728951

Ion Ratio Lower Upper

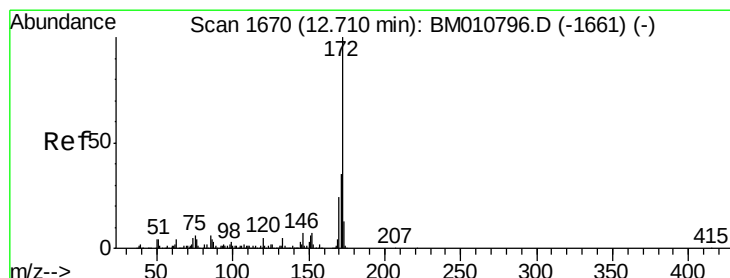
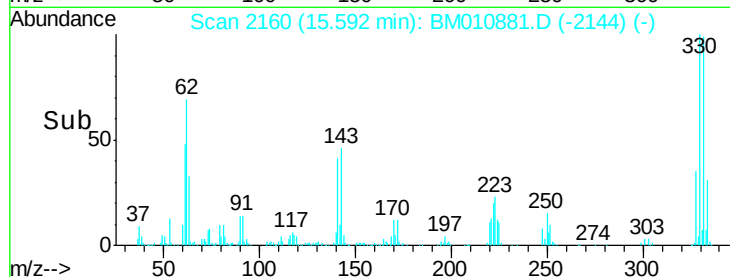
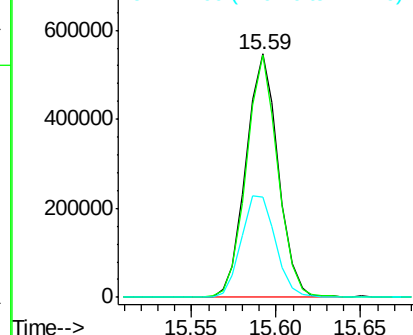
330 100

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: 71.60 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

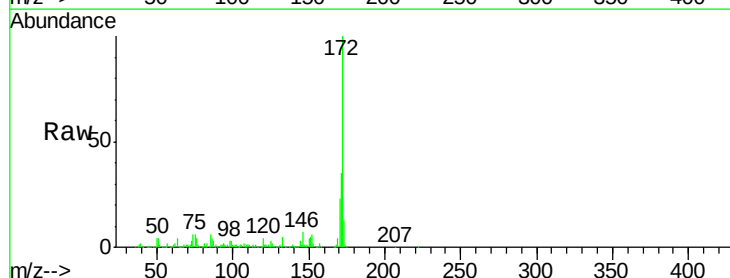
Tgt Ion:172 Resp: 2837405

Ion Ratio Lower Upper

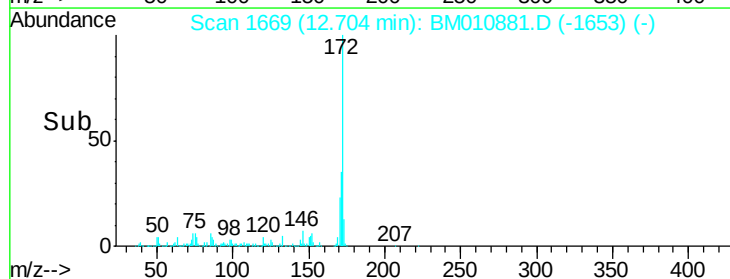
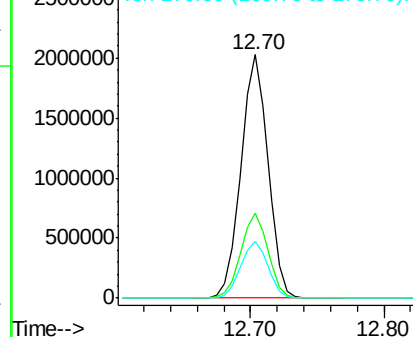
172 100

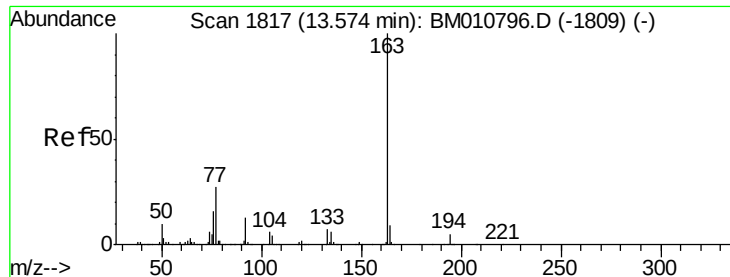
171 35.1 28.5 42.7

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: 11.52 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

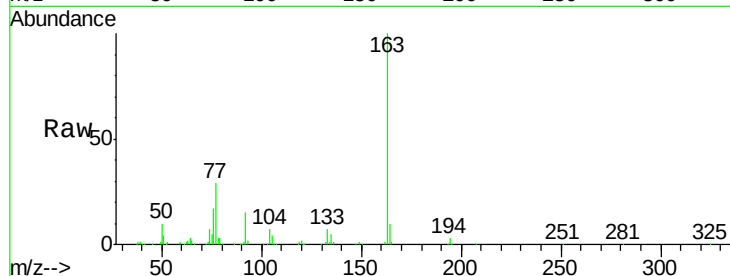
Tot Ion:163 Resp: 483354

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

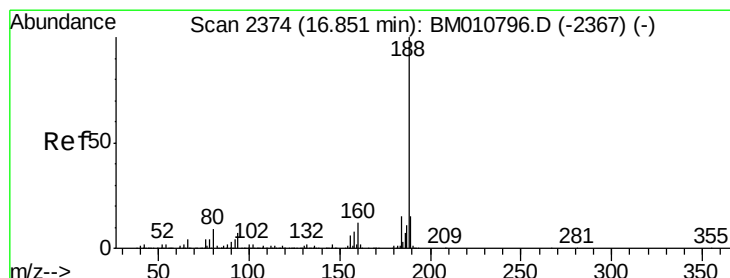
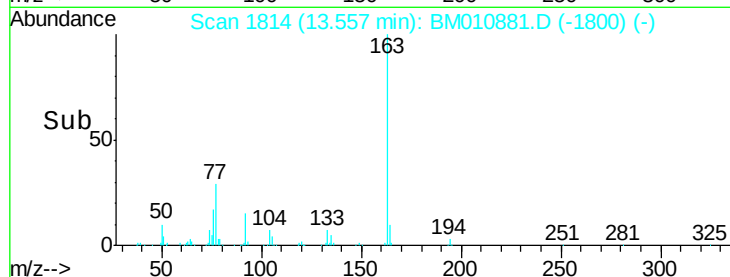
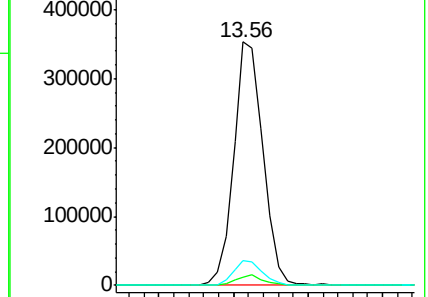
164 10.1 8.2 12.2



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: 20.00 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

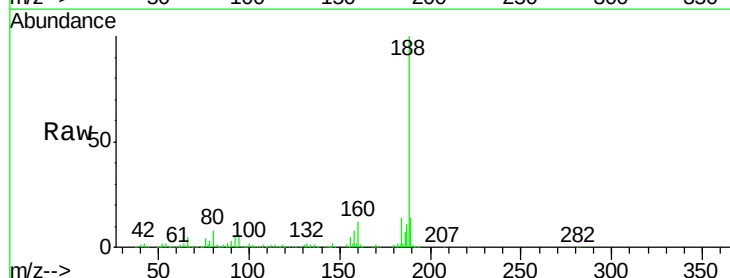
Tgt Ion:188 Resp: 1056142

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

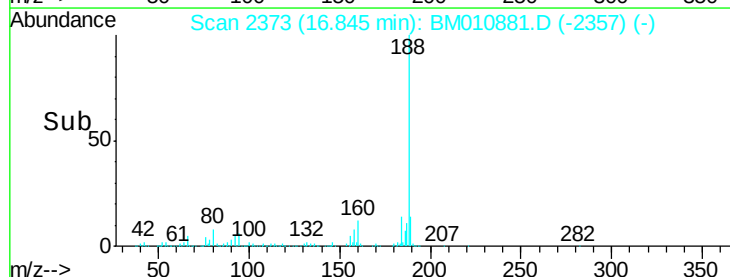
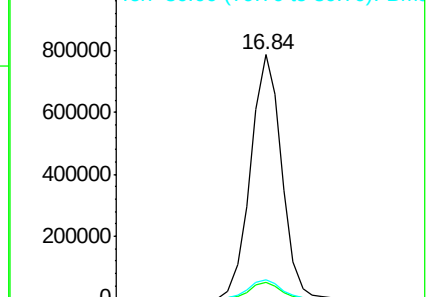
80 7.8 9.3 13.9#

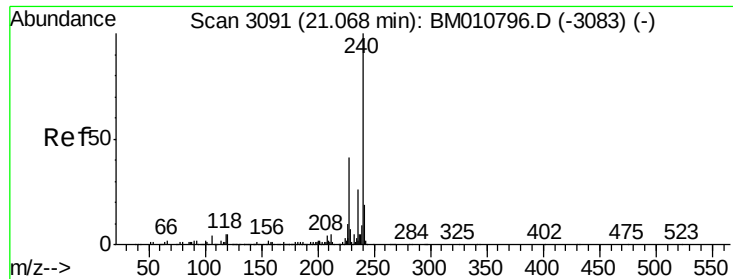


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 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

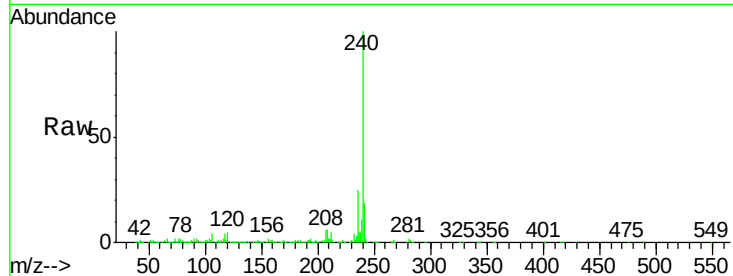
Tot Ion:240 Resp: 1023994

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

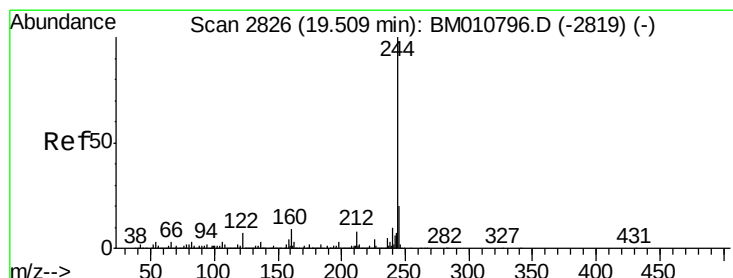
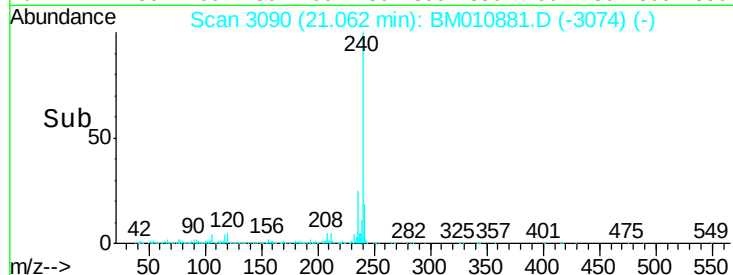
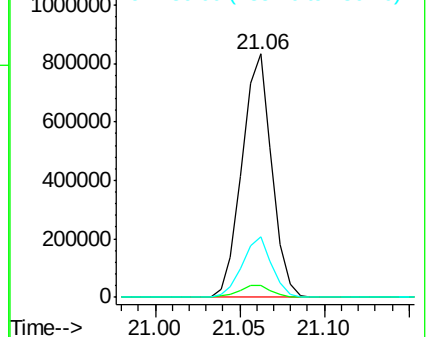
236 24.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 62.75 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010881.D

Acq: 18 Jul 2017 21:29

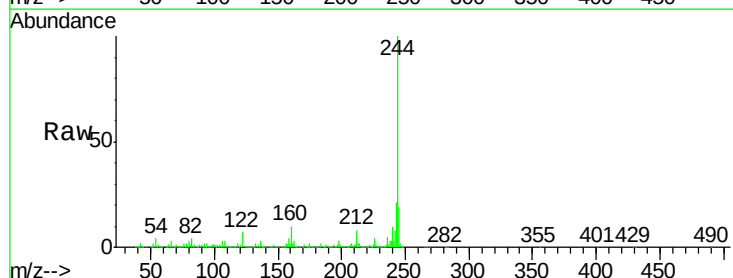
Tgt Ion:244 Resp: 3322114

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

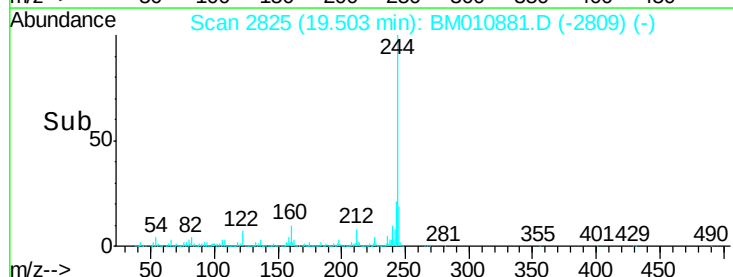
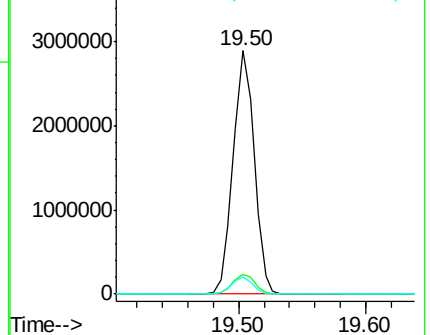
122 6.8 6.2 9.4

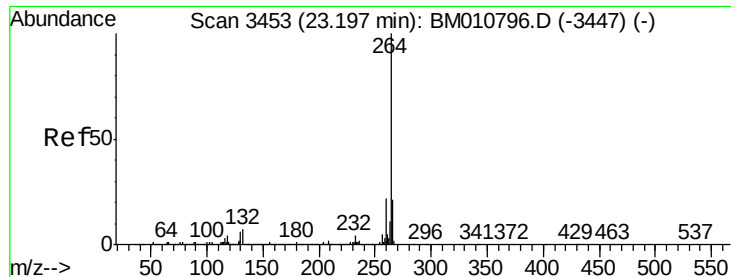


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 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	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.9	17.3	25.9

