

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010857.D
 Acq On : 18 Jul 2017 04:44
 Operator : SJ/JU
 Sample : I4199-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3565-PP4-DUP

Quant Time: Jul 18 05:48:03 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

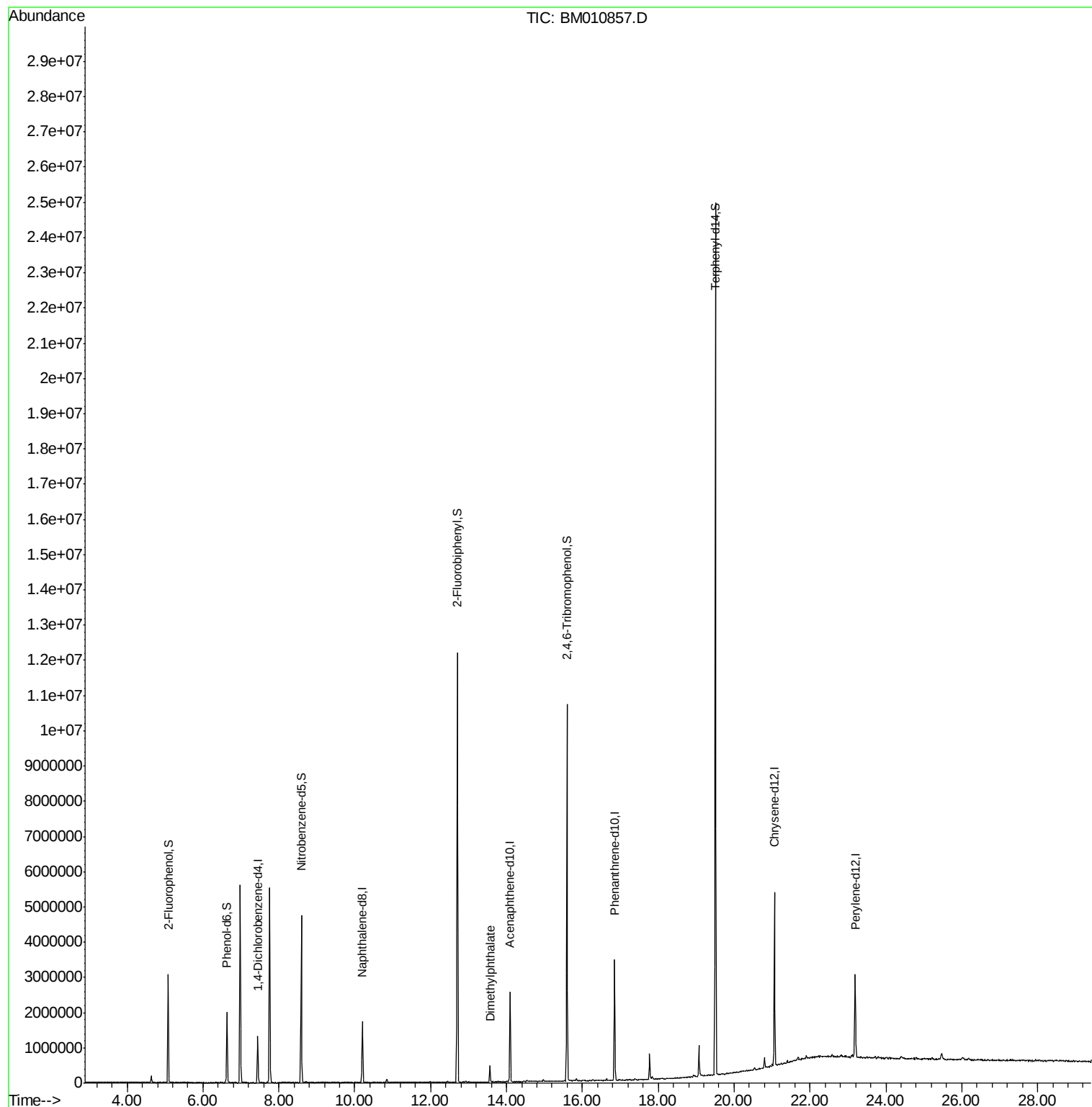
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	286553	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1193189	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	777158	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1889606	20.00	ng	0.00
75) Chrysene-d12	21.06	240	2248127	20.00	ng	0.00
86) Perylene-d12	23.19	264	1689259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	998886	57.74	ng	0.00
7) Phenol-d6	6.63	99	886092	37.16	ng	0.00
23) Nitrobenzene-d5	8.59	82	2704544	87.12	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1616254	136.09	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5689788	91.08	ng	0.00
78) Terphenyl-d14	19.51	244	9540576	82.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.56	163	238291	3.604	ng	Qvalue # 94

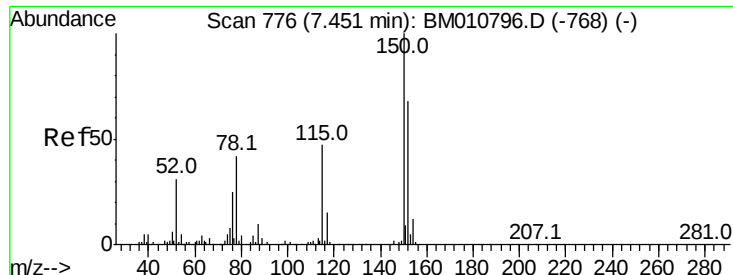
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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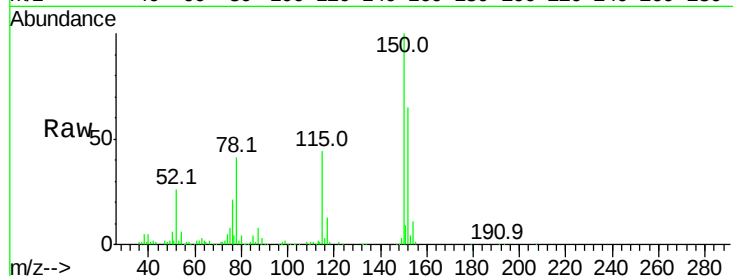


#1

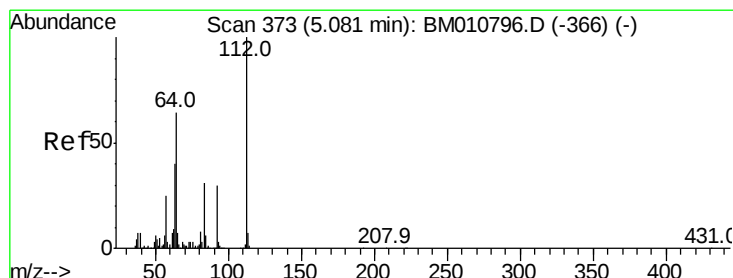
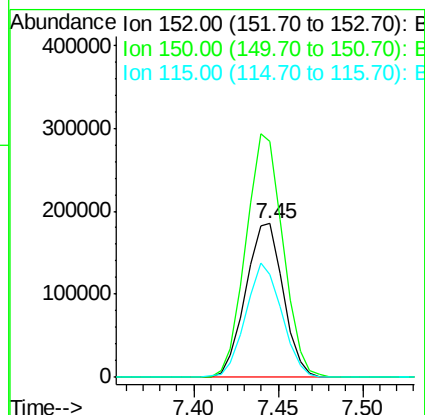
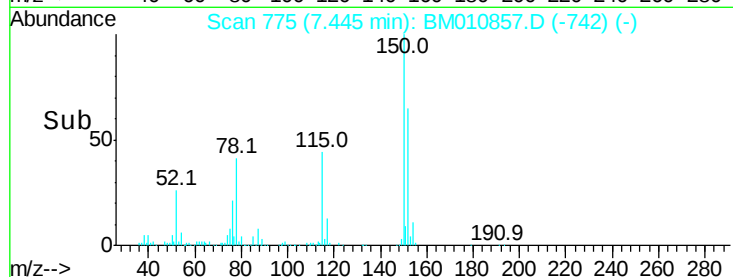
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010857.D
Acq: 18 Jul 2017 04:44

Instrument :
BNA_M
ClientSampleId :
3565-PP4-DUP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	66.9	43.0	64.4



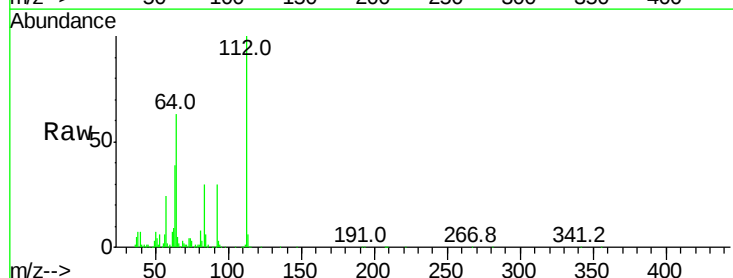
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



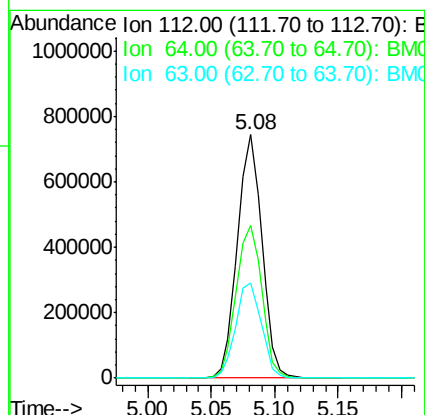
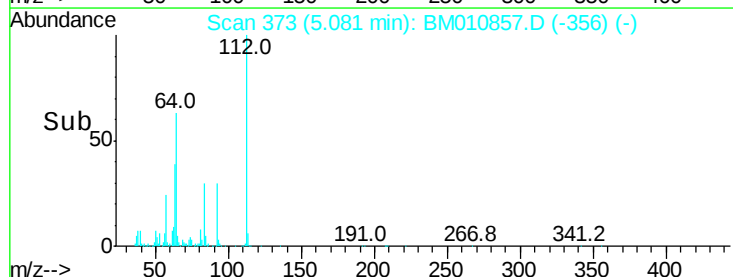
#5

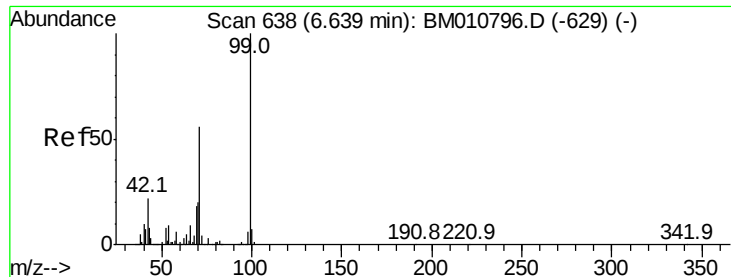
2-Fluorophenol
Concen: 57.743 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010857.D
Acq: 18 Jul 2017 04:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8
63	38.9	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: 37.156 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Instrument :

BNA_M

ClientSampleId :

3565-PP4-DUP

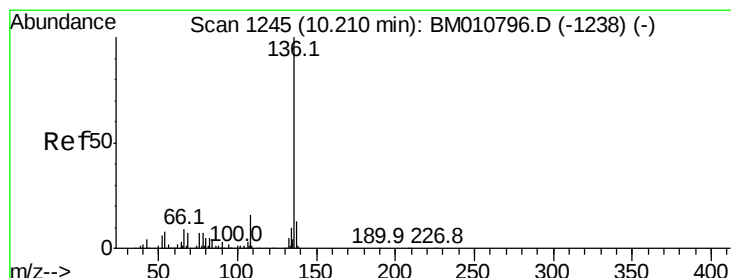
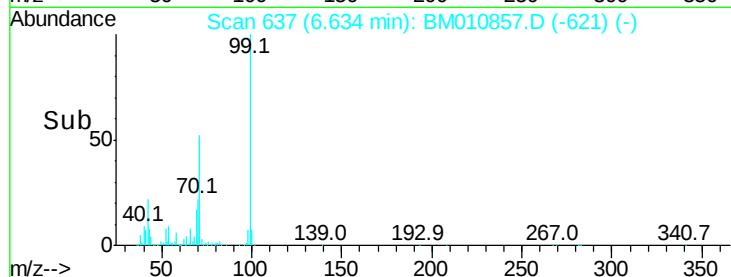
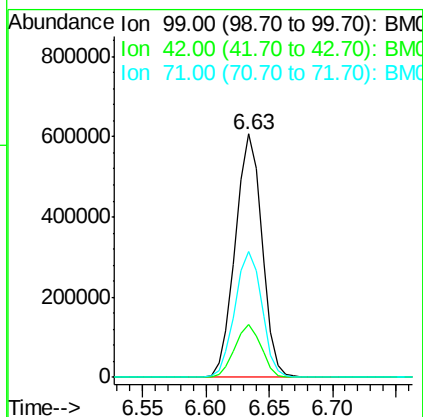
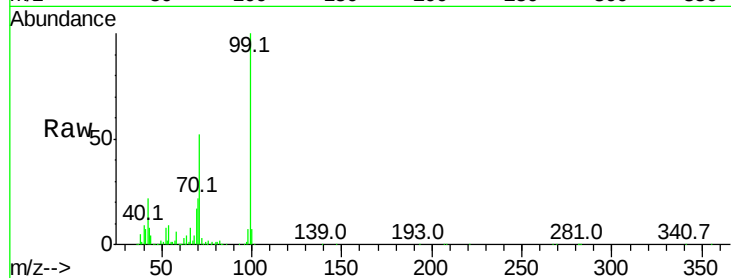
Tot Ion: 99 Resp: 886092

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 51.6 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: BM010857.D

Acq: 18 Jul 2017 04:44

Tgt Ion: 136 Resp: 1193189

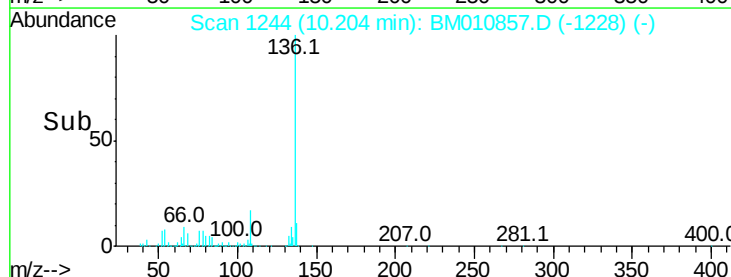
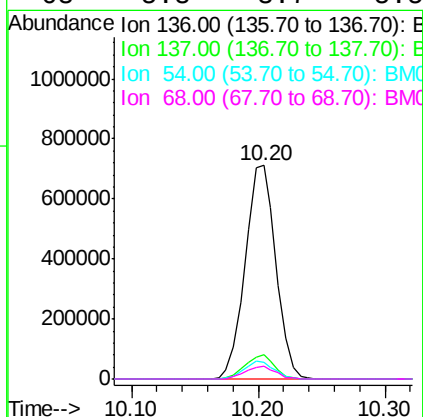
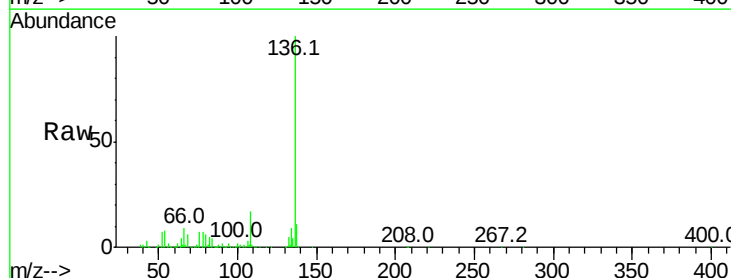
Ion Ratio Lower Upper

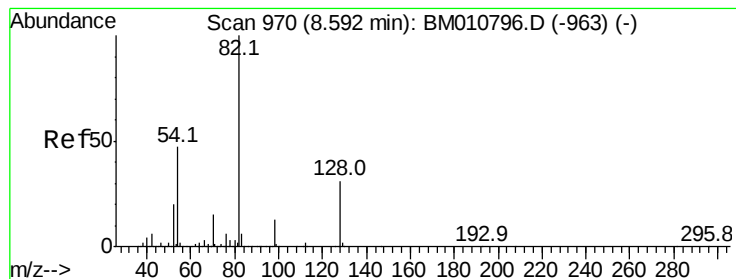
136 100

137 11.4 8.7 13.1

54 7.8 4.6 6.8#

68 5.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 87.125 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Instrument :

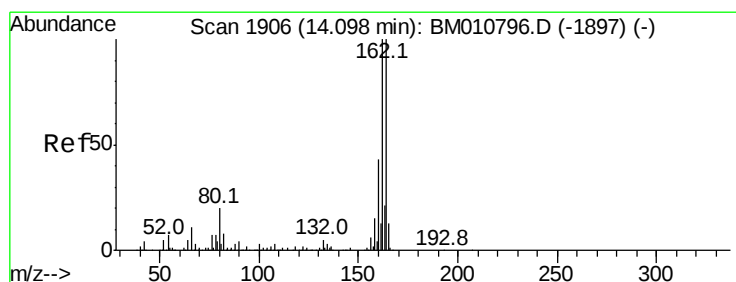
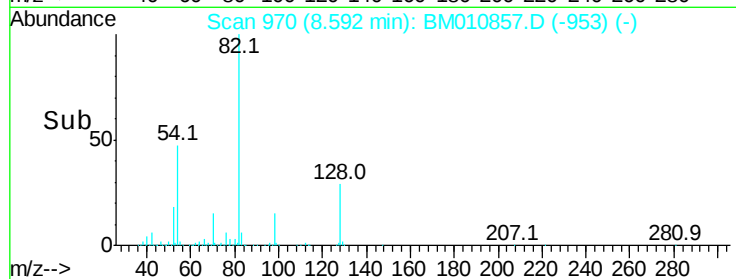
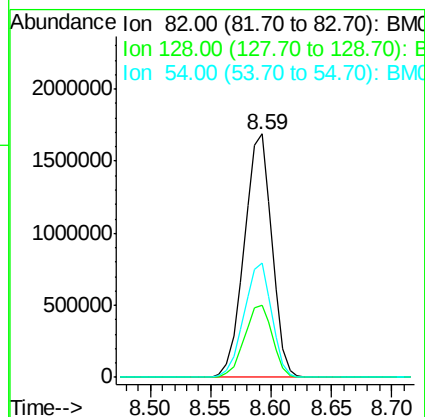
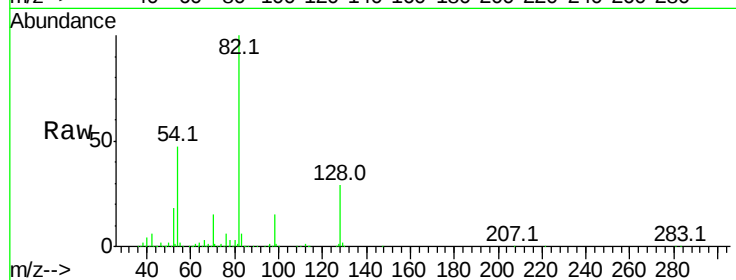
BNA_M

ClientSampleId :

3565-PP4-DUP

Tot Ion: 82 Resp: 2704544

Ion	Ratio	Lower	Upper
82	100		
128	29.5	32.8	49.2#
54	46.8	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

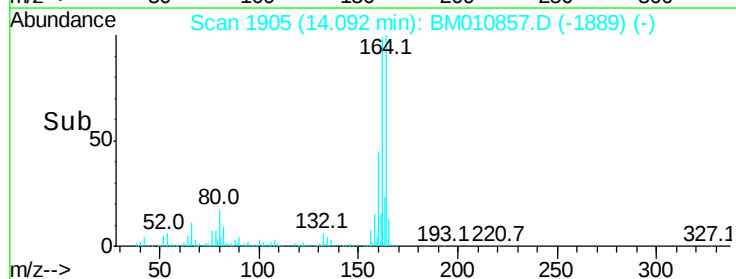
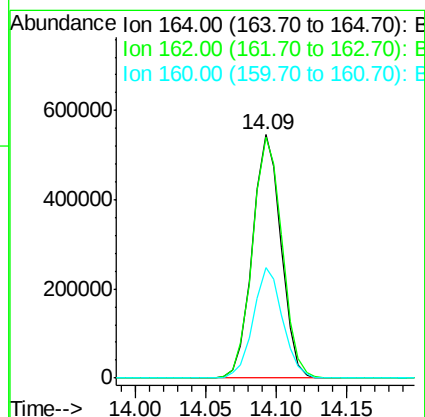
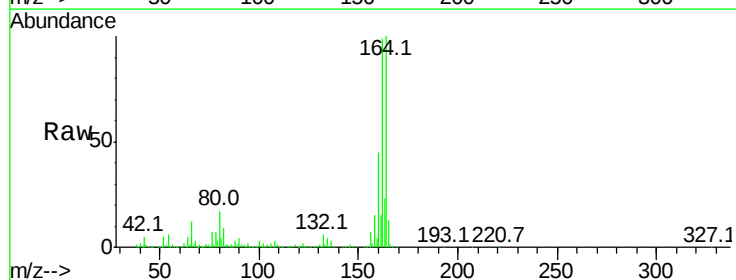
Delta R.T. -0.01 min

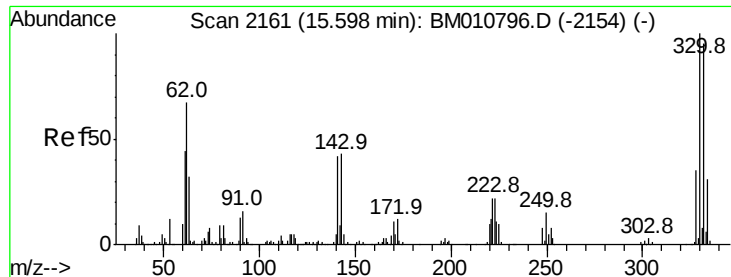
Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Tgt Ion: 164 Resp: 777158

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	45.2	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 136.089 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Instrument :

BNA_M

ClientSampleId :

3565-PP4-DUP

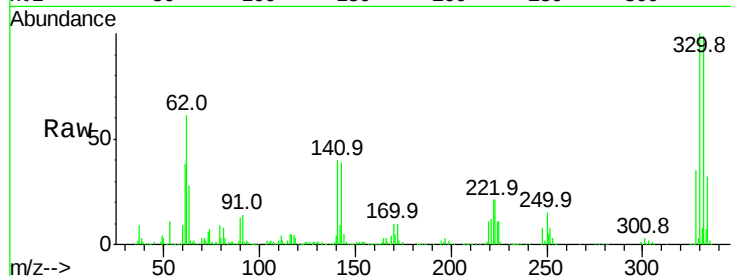
Tot Ion:330 Resp: 1616254

Ion Ratio Lower Upper

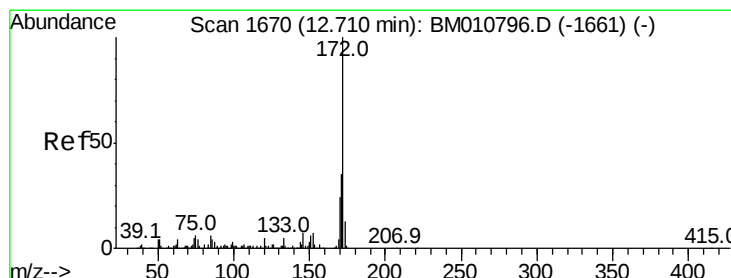
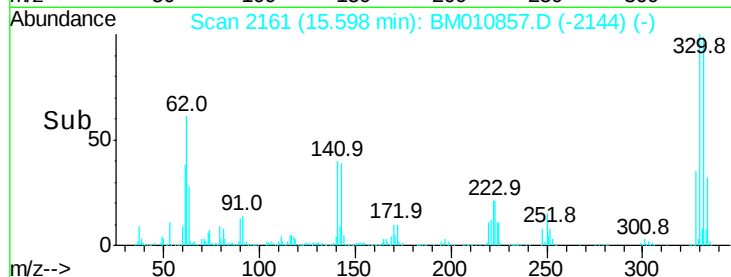
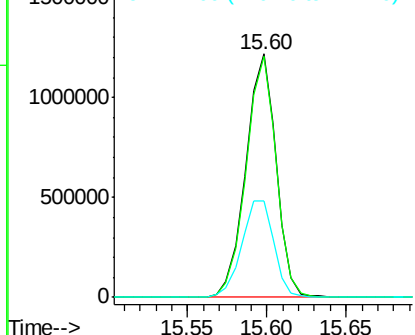
330 100

332 98.1 0.0 0.0#

141 42.6 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: 91.078 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

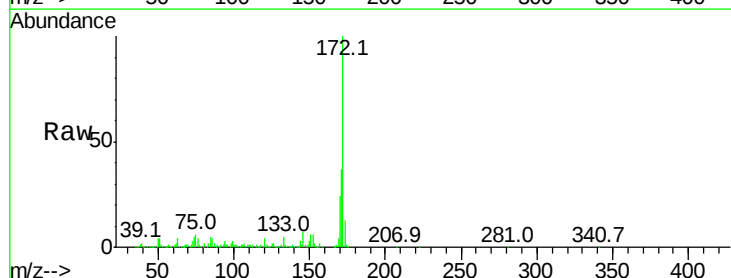
Tgt Ion:172 Resp: 5689788

Ion Ratio Lower Upper

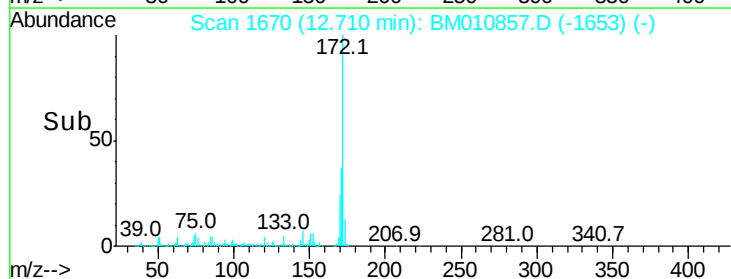
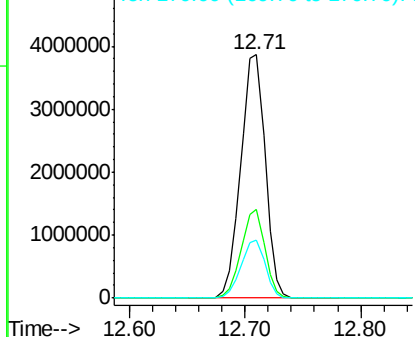
172 100

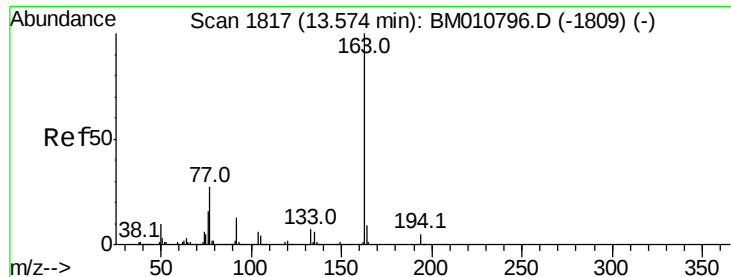
171 36.6 28.5 42.7

170 23.9 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: 3.604 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Instrument :

BNA_M

ClientSampleId :

3565-PP4-DUP

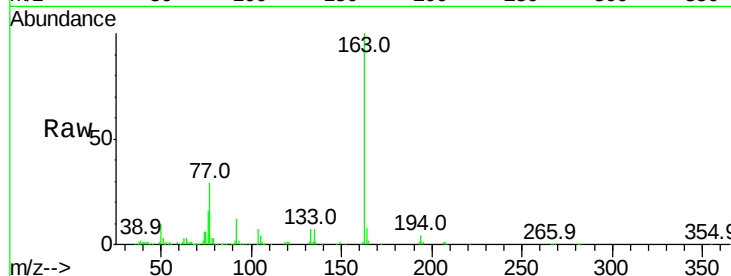
Tot Ion:163 Resp: 238291

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

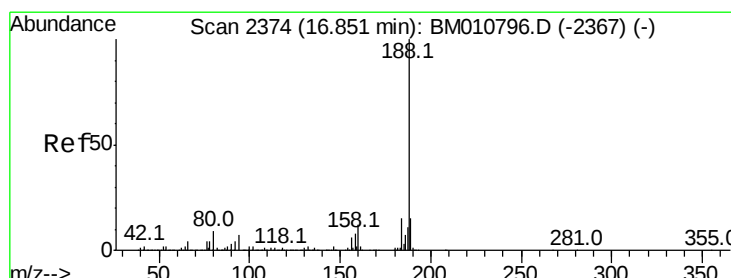
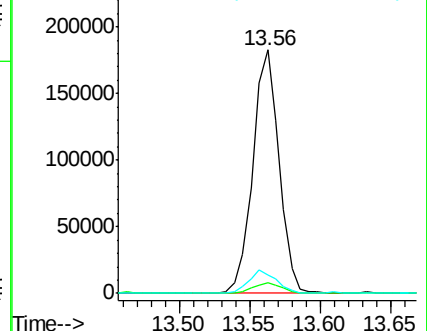
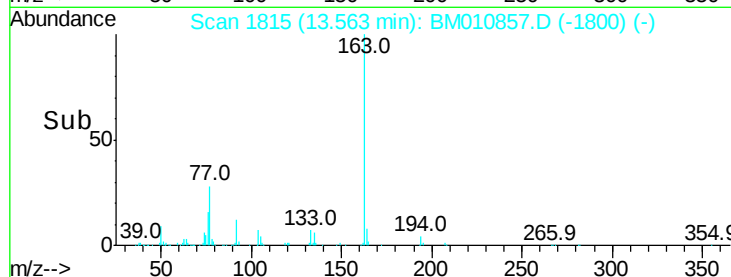
164 7.5 8.2 12.2#



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: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

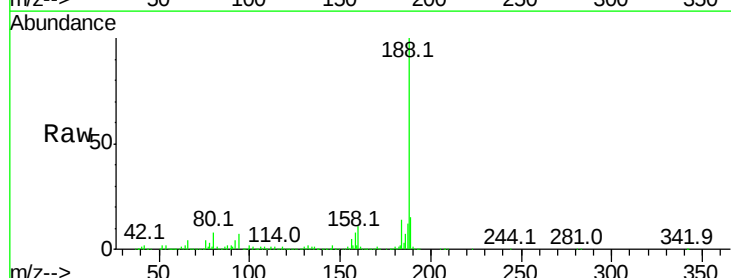
Tgt Ion:188 Resp: 1889606

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

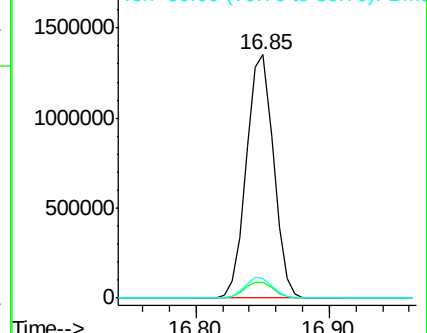
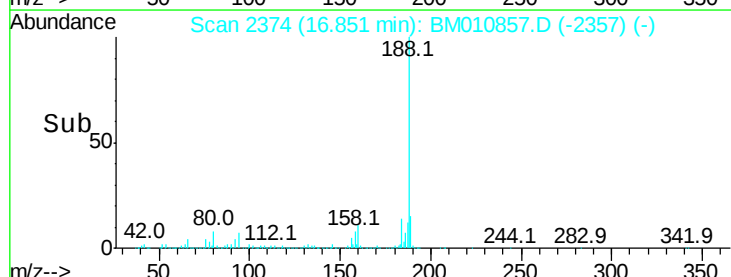
80 8.0 9.3 13.9#

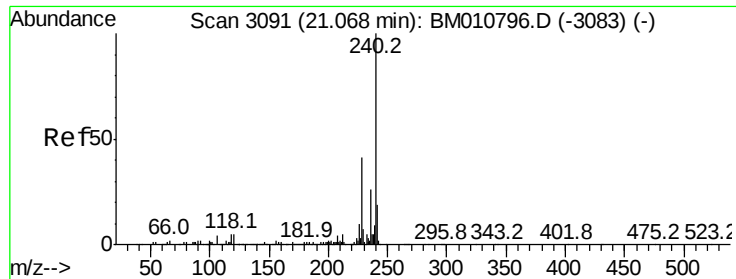


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010857.D

Acq: 18 Jul 2017 04:44

Instrument :

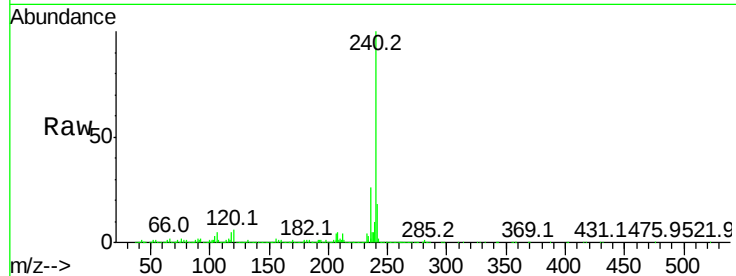
BNA_M

ClientSampleId :

3565-PP4-DUP

Tot Ion:240 Resp: 2248127

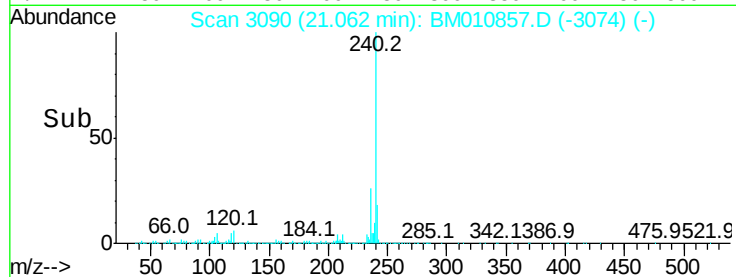
Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	25.8	20.0	30.0



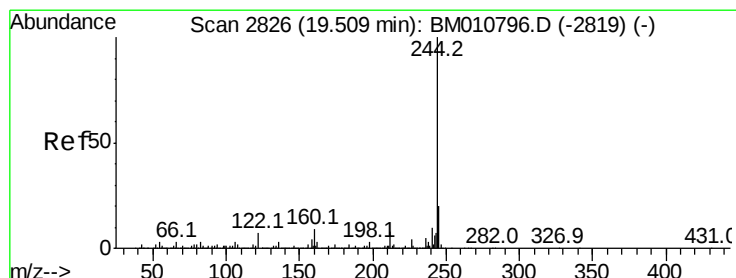
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 82.079 ng

RT: 19.51 min Scan# 2826

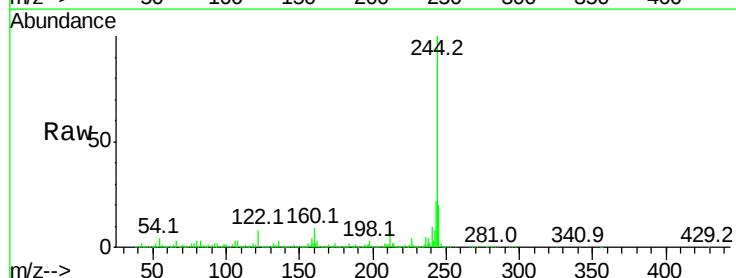
Delta R.T. 0.00 min

Lab File: BM010857.D

Acq: 18 Jul 2017 04:44

Tgt Ion:244 Resp: 9540576

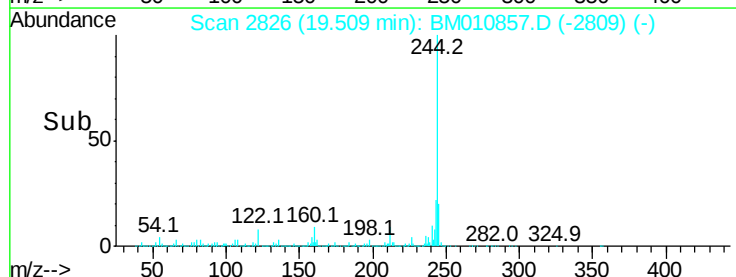
Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	7.6	6.2	9.4



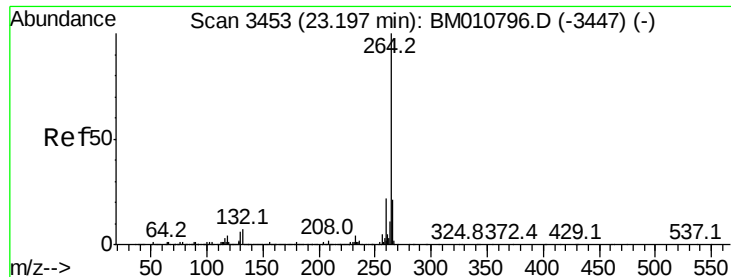
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010857.D
 Acq: 18 Jul 2017 04:44

Instrument :
 BNA_M
 ClientSampleId :
 3565-PP4-DUP

Tot Ion:264 Resp: 1689259

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	17.3	25.9

