

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010873.D
 Acq On : 18 Jul 2017 14:20
 Operator : SJ/JU
 Sample : I4217-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 15:49:21 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

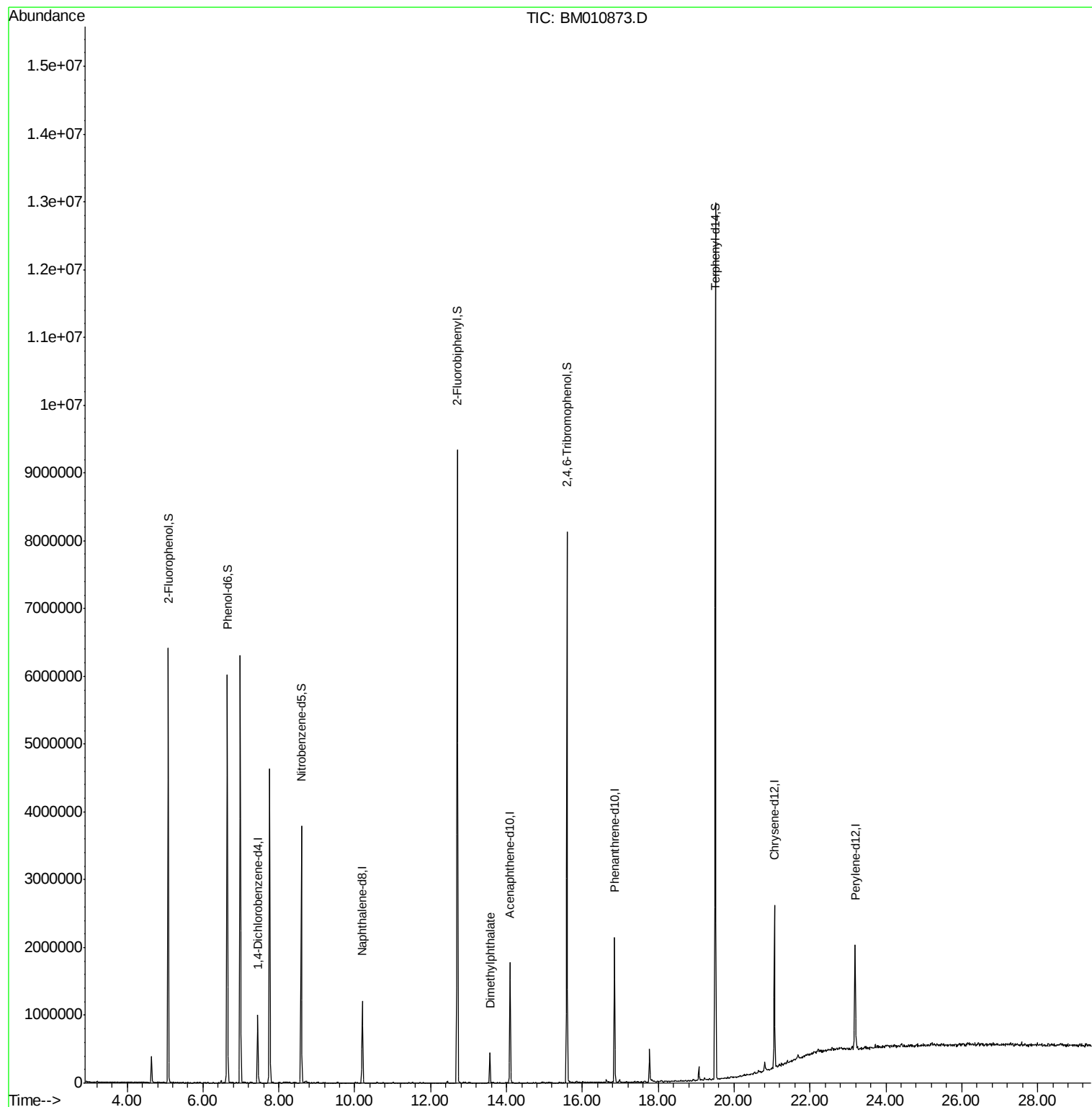
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	206326	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	789588	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	499495	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1144328	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1078538	20.00	ng	0.00
86) Perylene-d12	23.19	264	1070446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1977366	158.75	ng	0.00
7) Phenol-d6	6.64	99	2697874	157.12	ng	0.00
23) Nitrobenzene-d5	8.59	82	2071756	100.85	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1166655	152.84	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4051474	100.90	ng	0.00
78) Terphenyl-d14	19.51	244	5128661	91.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.56	163	220435	5.187	ng	Qvalue # 98

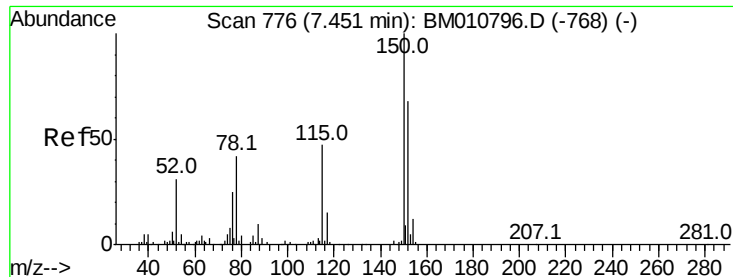
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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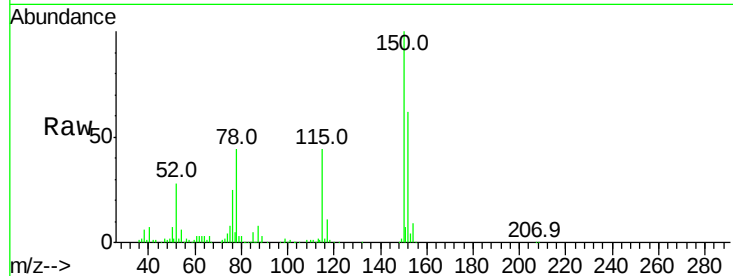


#1

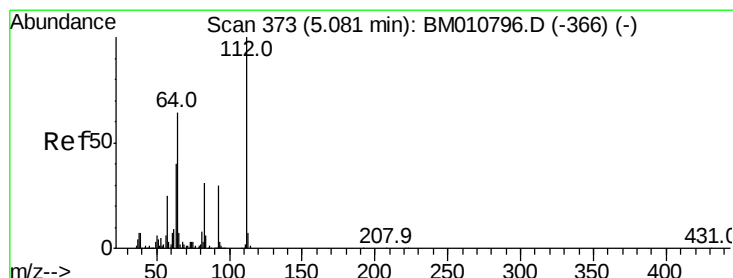
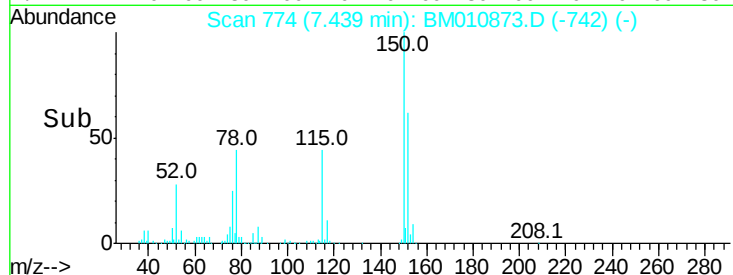
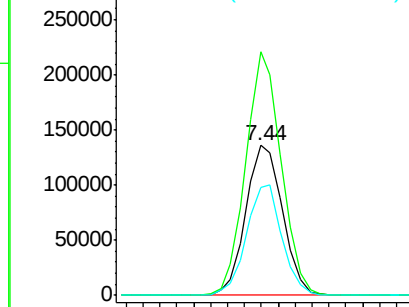
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010873.D
Acq: 18 Jul 2017 14:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 206326
Ion Ratio Lower Upper
152 100
150 162.6 119.5 179.3
115 71.9 43.0 64.4#



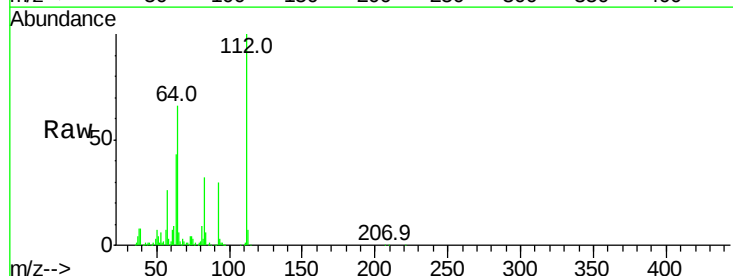
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



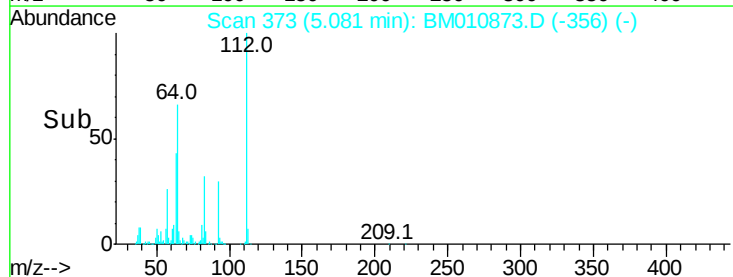
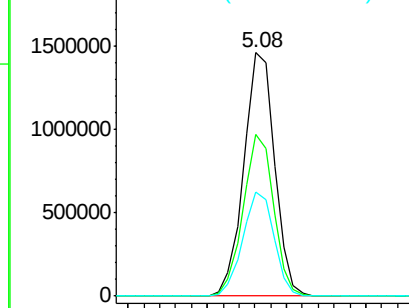
#5

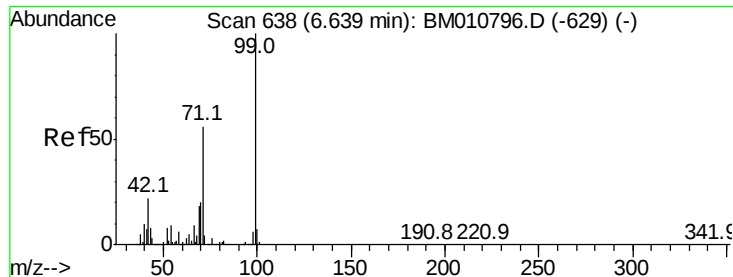
2-Fluorophenol
Concen: 158.753 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010873.D
Acq: 18 Jul 2017 14:20

Tgt Ion:112 Resp: 1977366
Ion Ratio Lower Upper
112 100
64 66.5 38.6 57.8#
63 43.0 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: 157.117 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010873.D

Acq: 18 Jul 2017 14:20

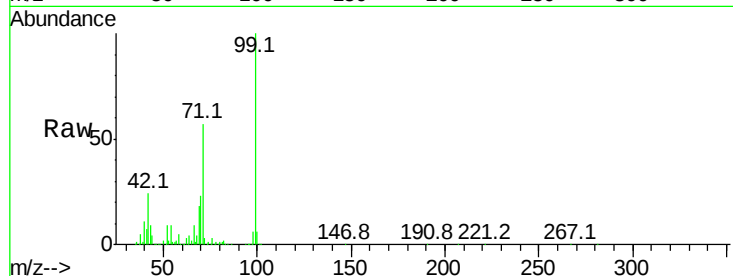
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2697874

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	57.5	23.4	35.2#

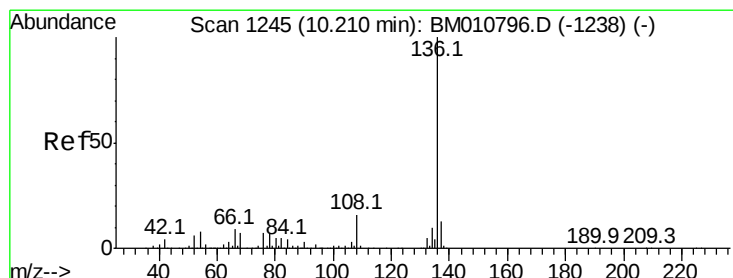
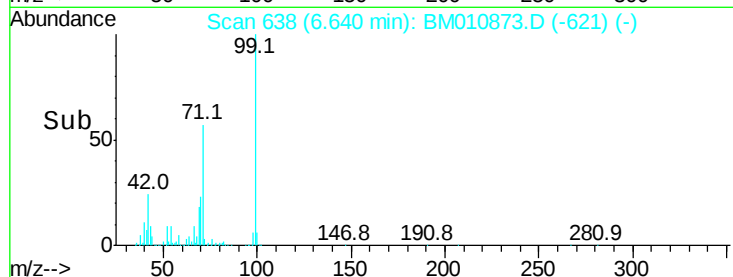
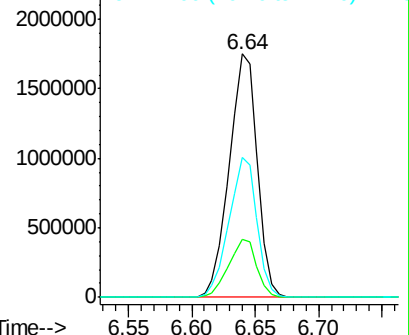


Abundance

Ion 99.00 (98.70 to 99.70): BM010873.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010873.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010873.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

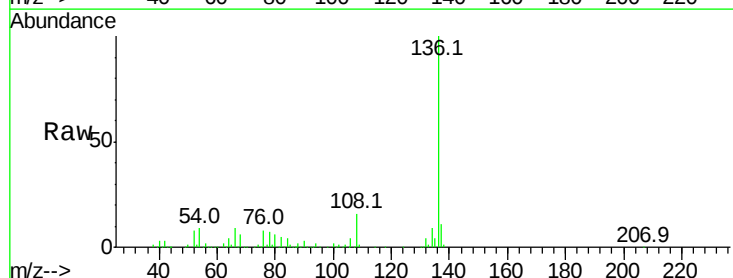
Delta R.T. -0.01 min

Lab File: BM010873.D

Acq: 18 Jul 2017 14:20

Tgt Ion: 136 Resp: 789588

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.7	4.6	6.8#
68	6.1	3.7	5.5#



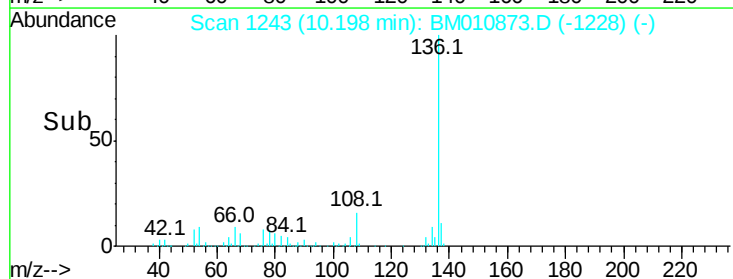
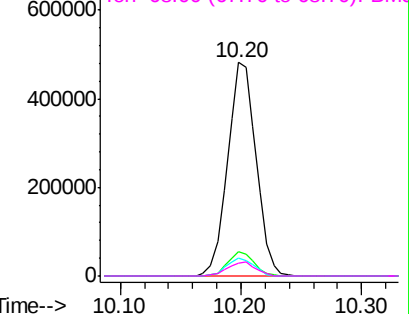
Abundance

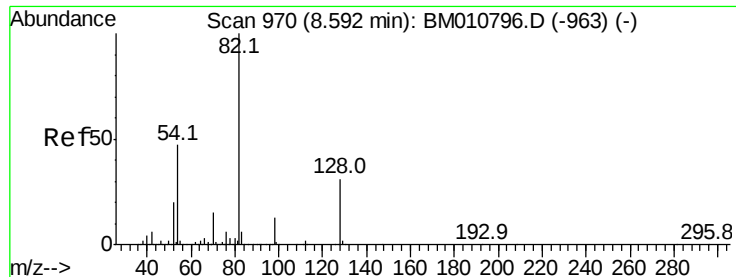
Ion 136.00 (135.70 to 136.70): BM010873.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010873.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010873.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010873.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 100.854 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010873.D

Acq: 18 Jul 2017 14:20

Instrument :

BNA_M

ClientSampleId :

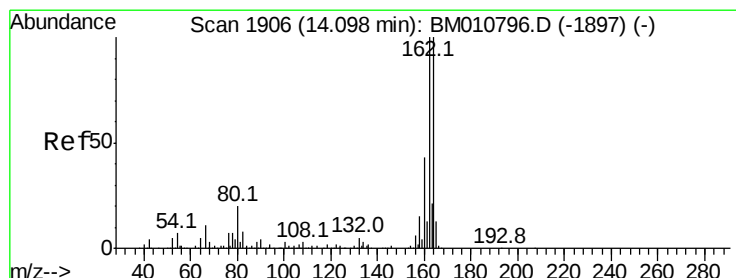
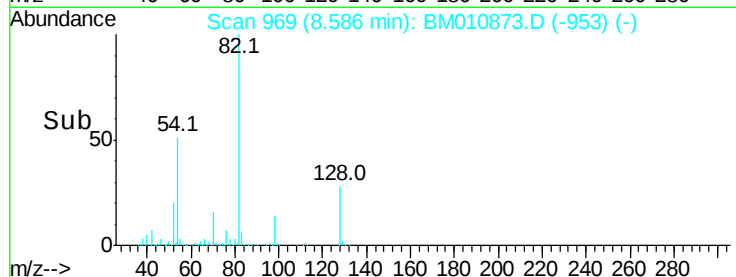
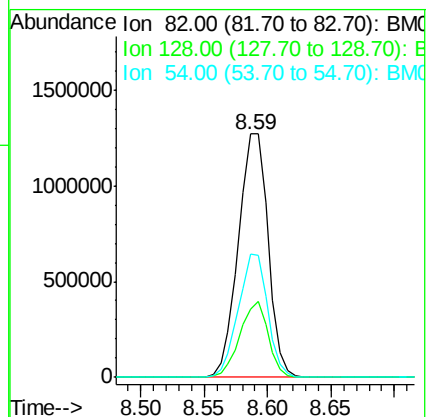
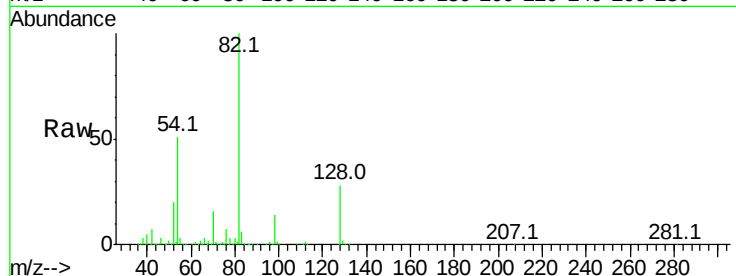
Tot Ion: 82 Resp: 2071756

Ion Ratio Lower Upper

82 100

128 28.2 32.8 49.2#

54 50.6 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: BM010873.D

Acq: 18 Jul 2017 14:20

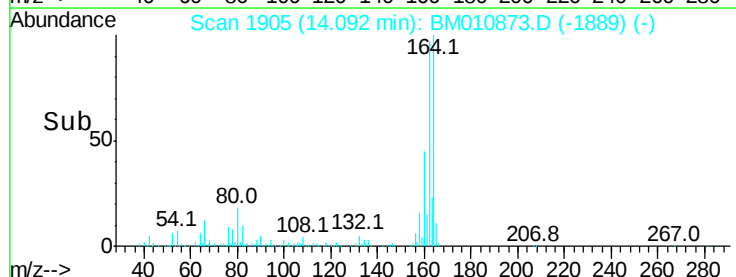
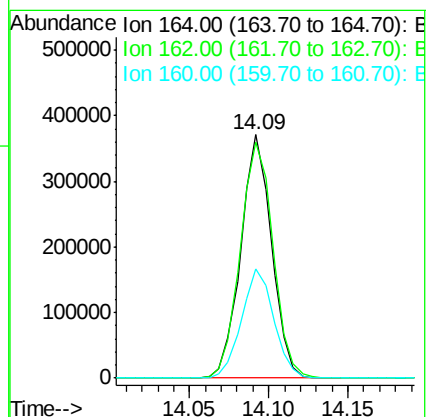
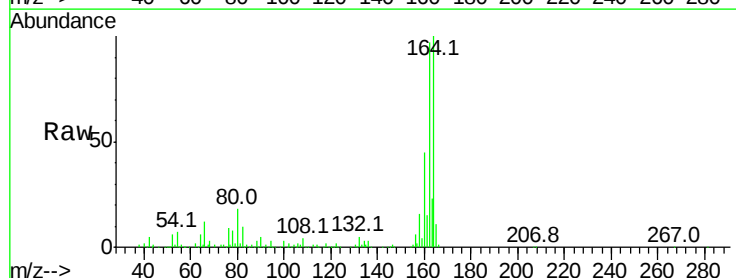
Tgt Ion: 164 Resp: 499495

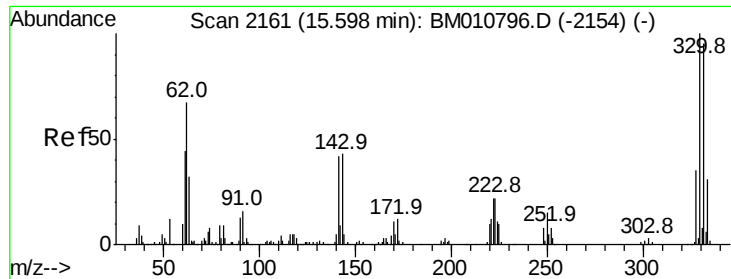
Ion Ratio Lower Upper

164 100

162 96.8 82.4 123.6

160 44.9 35.8 53.6

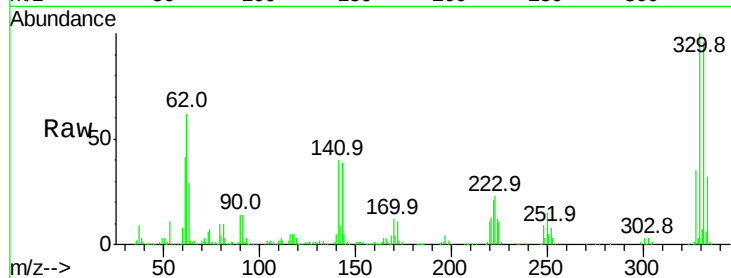




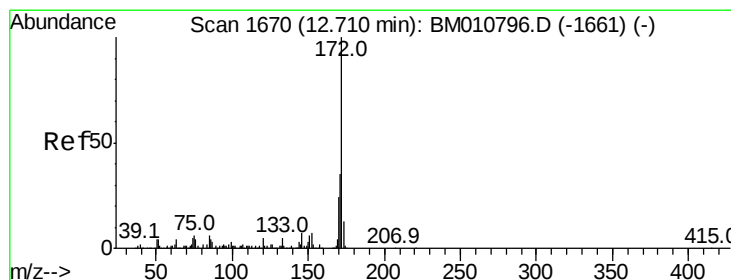
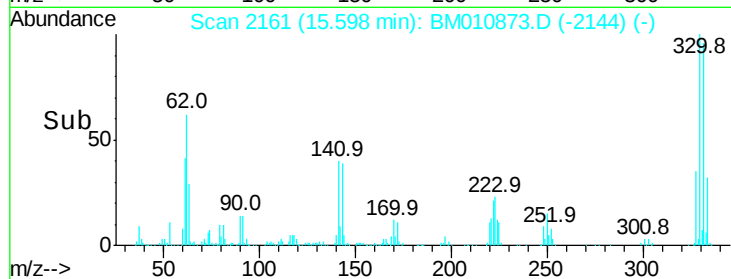
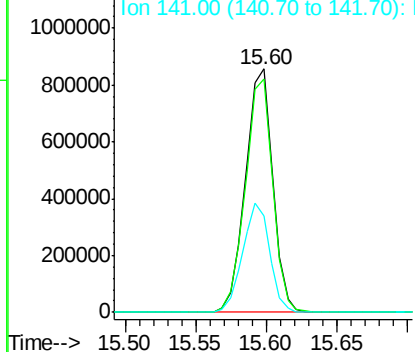
#41
 2,4,6-Tribromophenol
 Concen: 152.839 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010873.D
 Acq: 18 Jul 2017 14:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1166655
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 44.7 0.0 0.0#

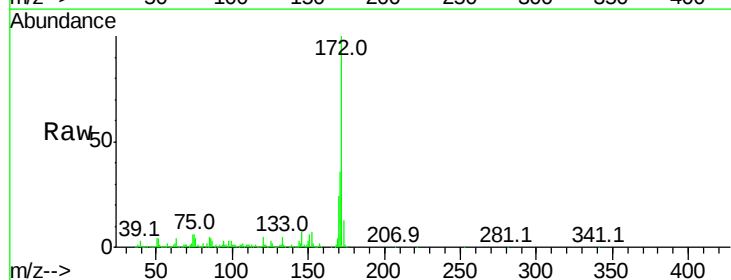


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

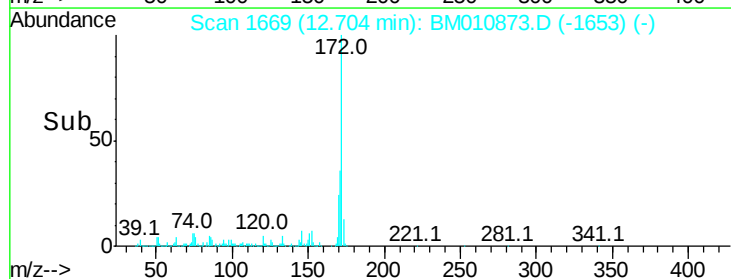
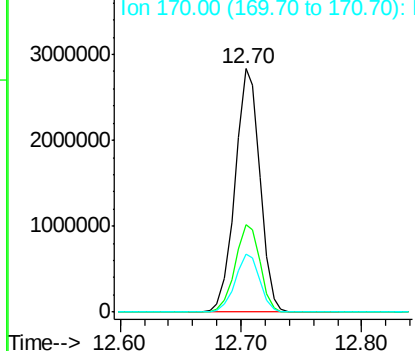


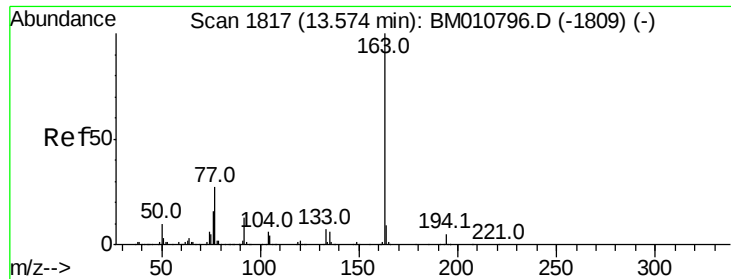
#44
 2-Fluorobiphenyl
 Concen: 100.905 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010873.D
 Acq: 18 Jul 2017 14:20

Tgt Ion:172 Resp: 4051474
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.7 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

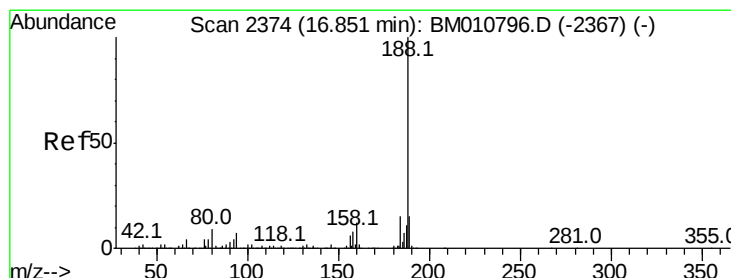
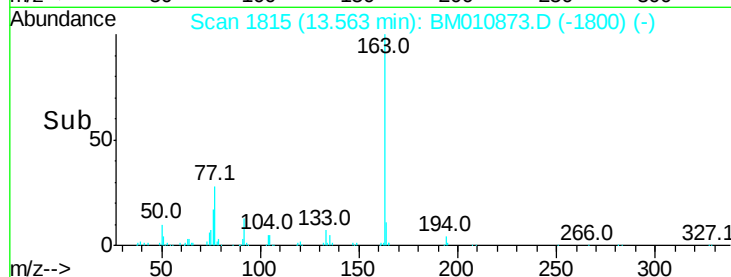
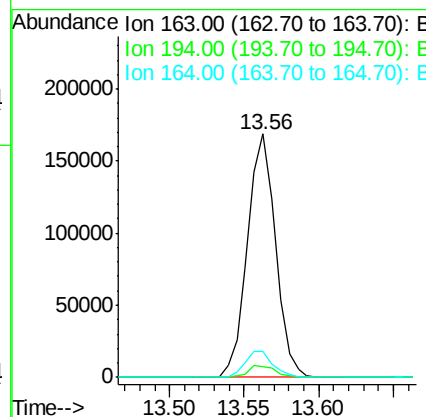
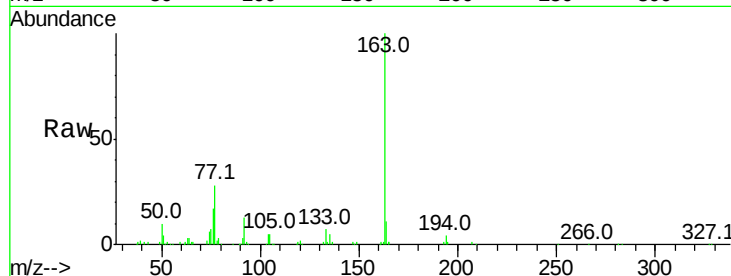




#49
Dimethylphthalate
Concen: 5.187 ng
RT: 13.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM010873.D
Acq: 18 Jul 2017 14:20

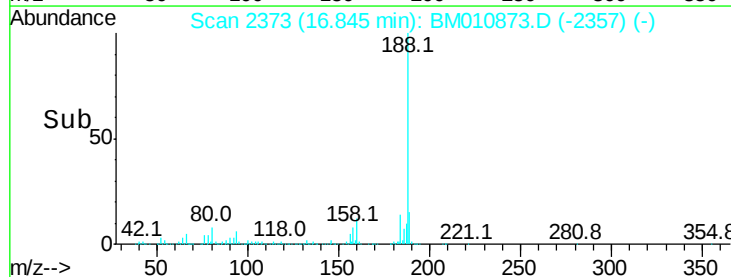
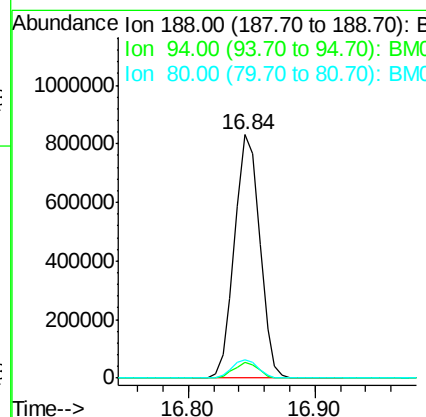
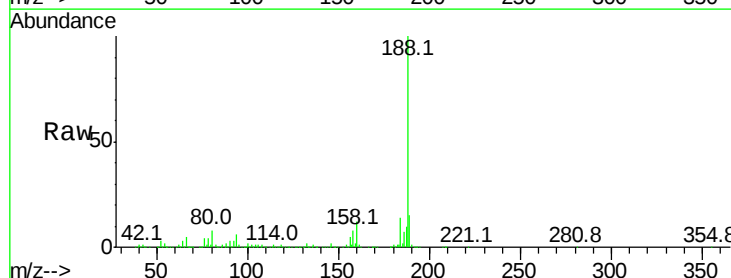
Instrument :
BNA_M
ClientSampleId :

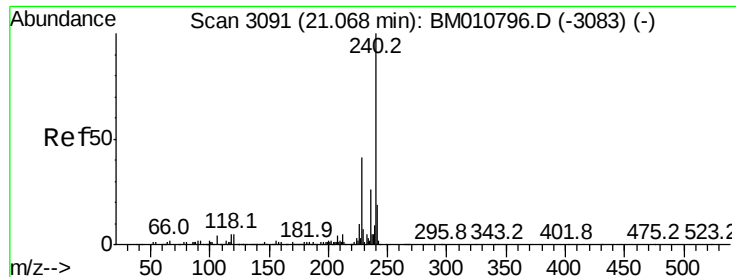
Tot Ion:163 Resp: 220435
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010873.D
Acq: 18 Jul 2017 14:20

Tgt Ion:188 Resp: 1144328
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 7.6 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: BM010873.D

Acq: 18 Jul 2017 14:20

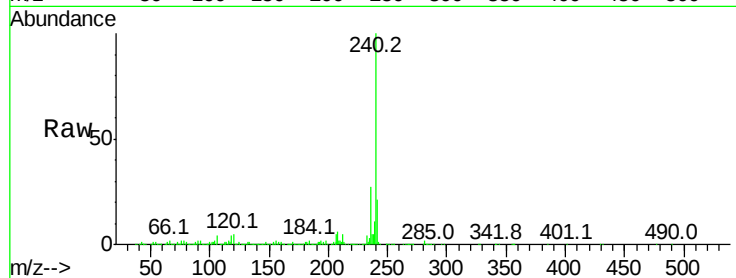
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1078538

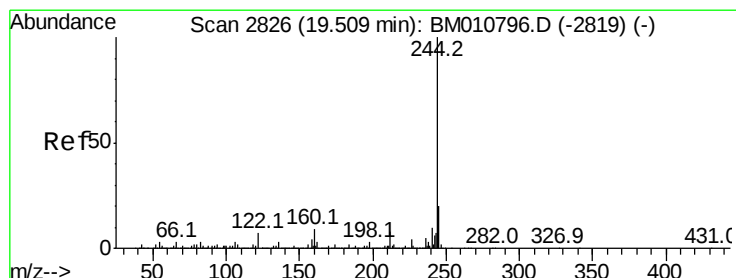
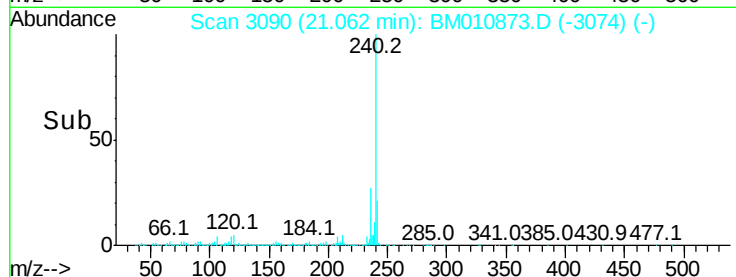
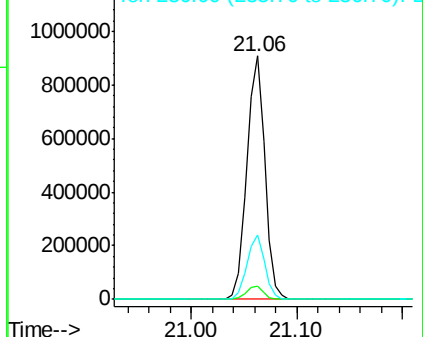
Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	26.7	20.0	30.0



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: 91.970 ng

RT: 19.51 min Scan# 2826

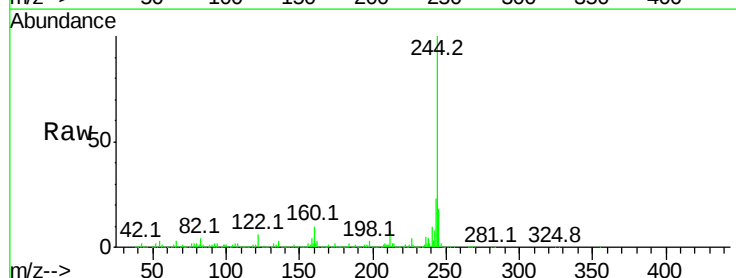
Delta R.T. 0.00 min

Lab File: BM010873.D

Acq: 18 Jul 2017 14:20

Tgt Ion:244 Resp: 5128661

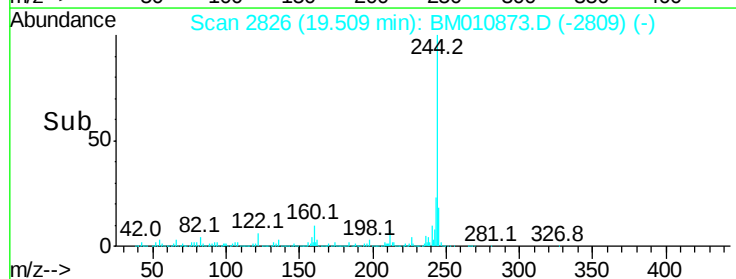
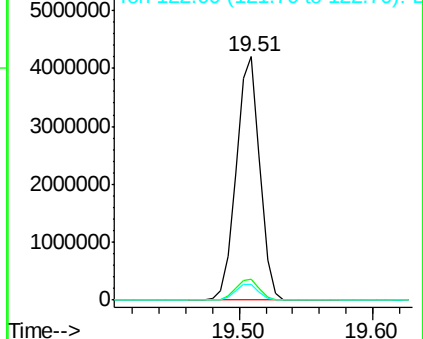
Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	6.3	6.2	9.4

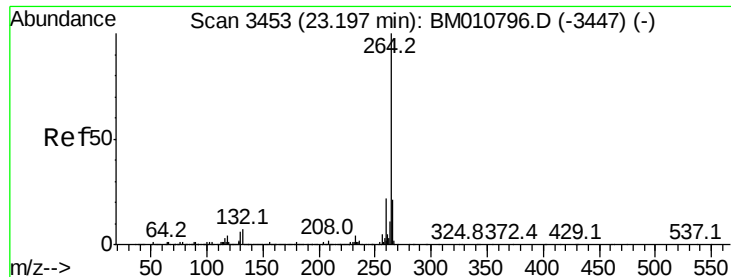


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



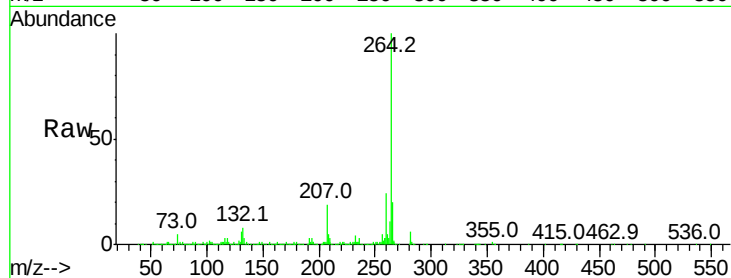


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010873.D
 Acq: 18 Jul 2017 14:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1070446

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	19.8	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

