

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010844.D
 Acq On : 17 Jul 2017 20:58
 Operator : SJ/JU
 Sample : PB100672BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100672BL

Quant Time: Jul 18 05:37:42 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	277535	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1075895	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	693812	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1711167	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1895756	20.00	ng	0.00
86) Perylene-d12	23.19	264	1491946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2506548	149.61	ng	0.00
7) Phenol-d6	6.64	99	3335302	144.40	ng	0.00
23) Nitrobenzene-d5	8.59	82	2502259	89.40	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1603447	151.23	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5294734	94.94	ng	0.00
78) Terphenyl-d14	19.51	244	8548784	87.22	ng	0.00

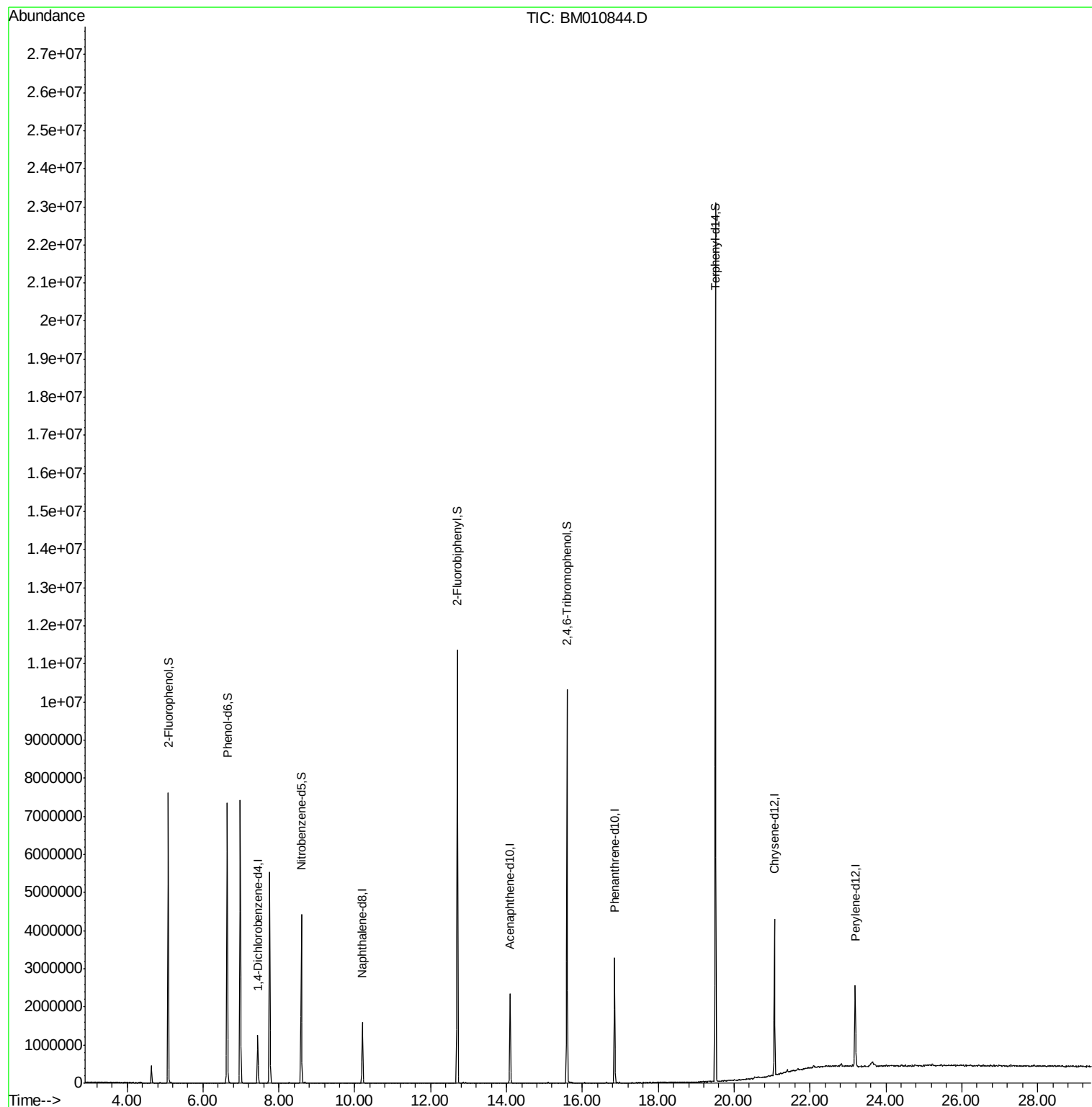
Target Compounds Qvalue

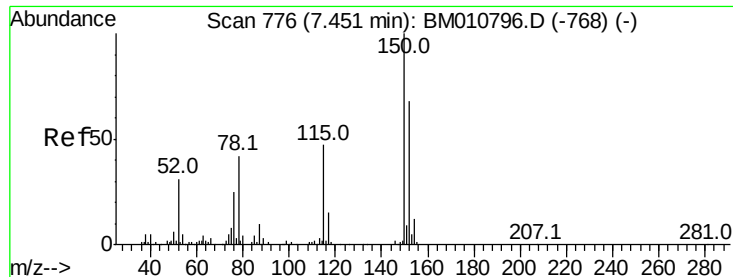
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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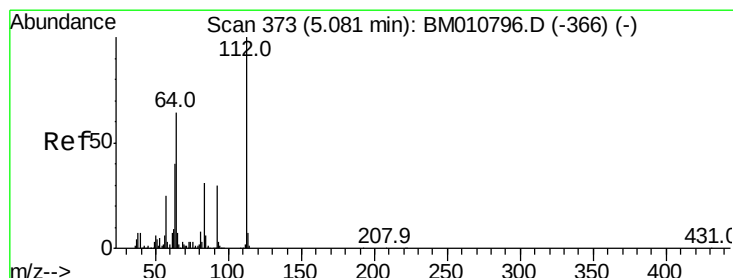
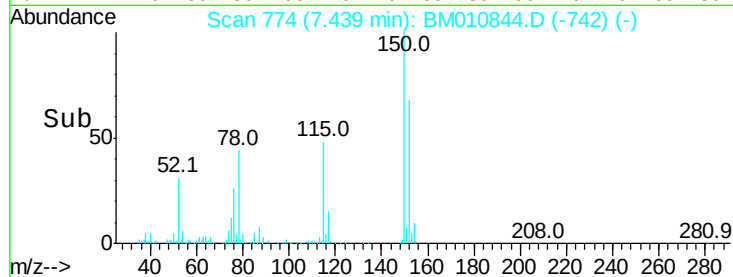
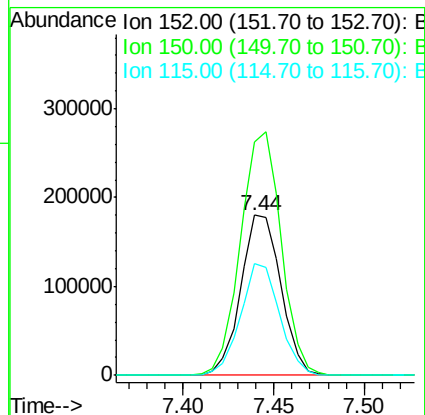
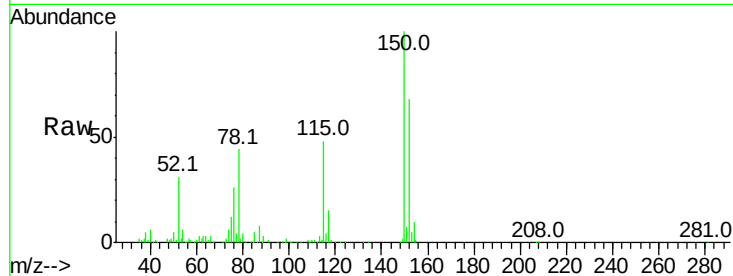


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Instrument :
BNA_M
ClientSampleId :
PB100672BL

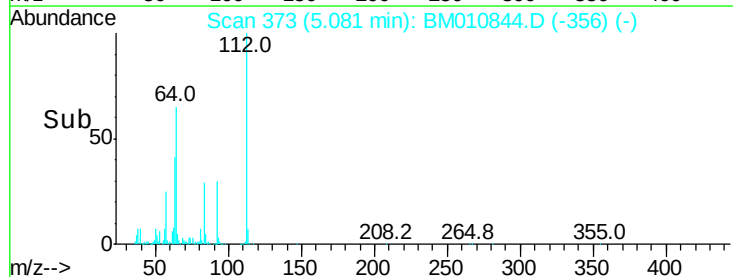
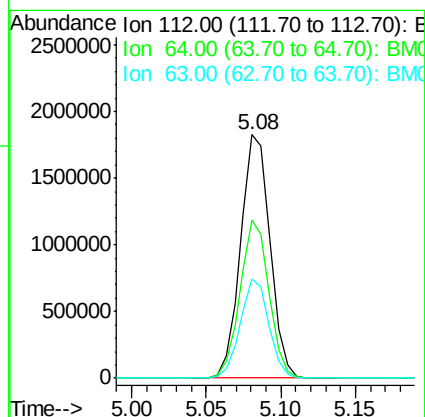
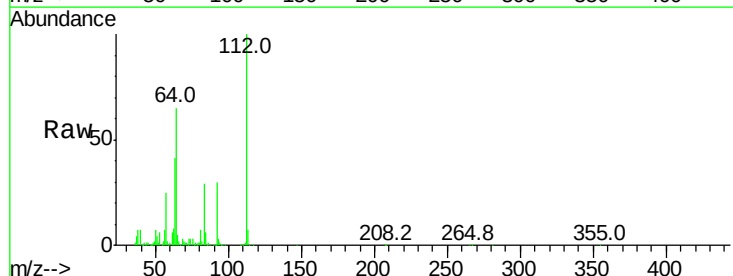
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	119.5	179.3
115	70.1	43.0	64.4

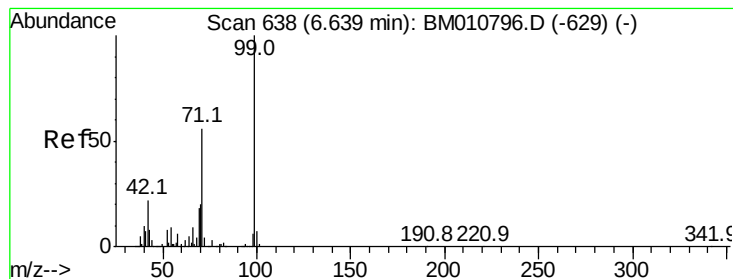


#5

2-Fluorophenol
Concen: 149.605 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	38.6	57.8
63	40.7	19.3	28.9





#7

Phenol-d6

Concen: 144.402 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

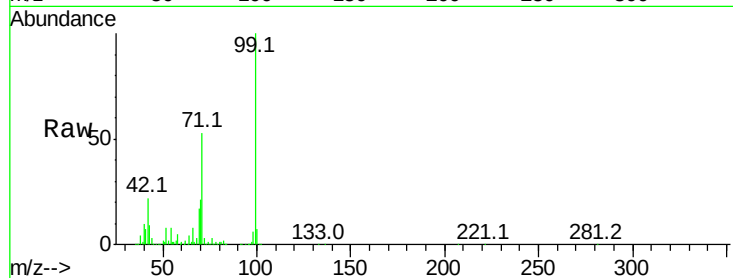
BNA_M

ClientSampleId :

PB100672BL

Tot Ion: 99 Resp: 3335302

Ion	Ratio	Lower	Upper
99	100		
42	22.4	11.0	16.4#
71	53.4	23.4	35.2#

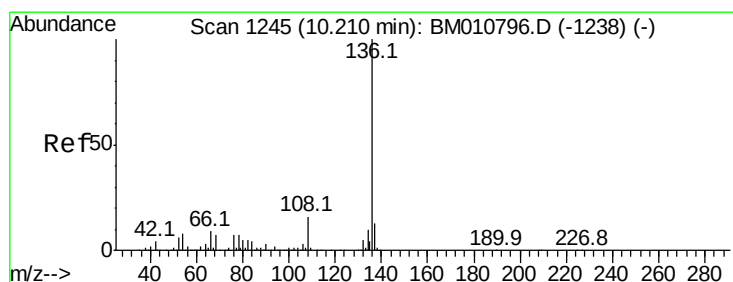
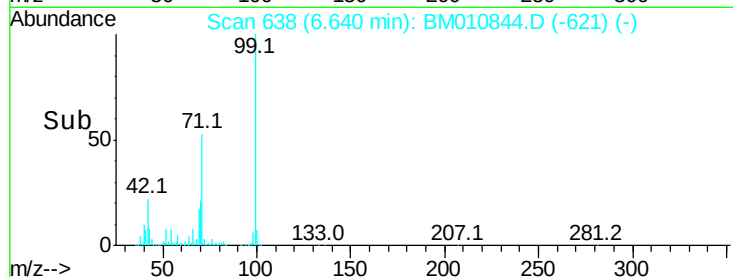
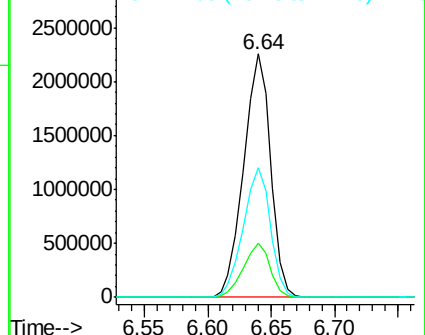


Abundance

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# 1244

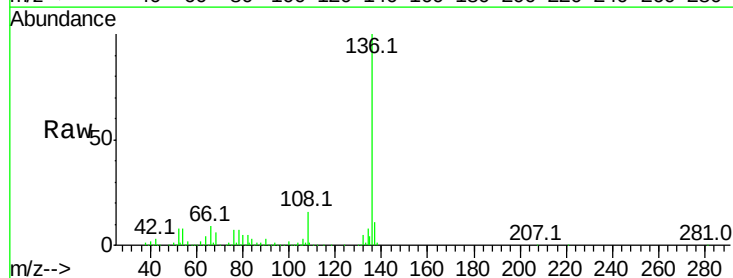
Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Tgt Ion: 136 Resp: 1075895

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	4.6	6.8#
68	6.4	3.7	5.5#



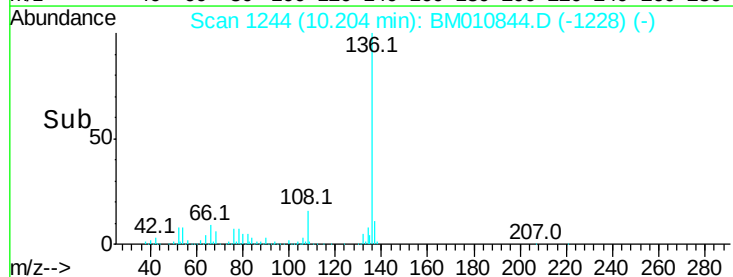
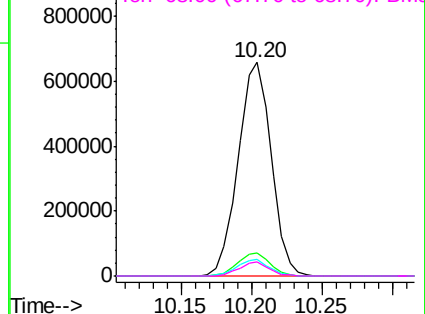
Abundance

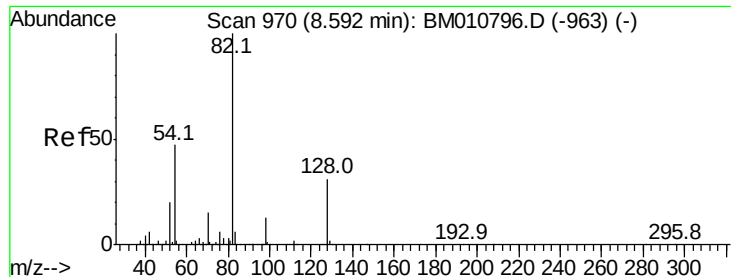
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

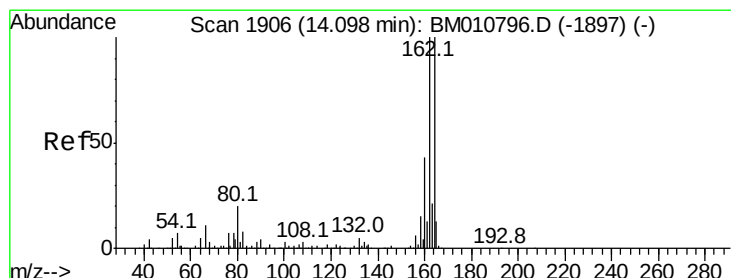
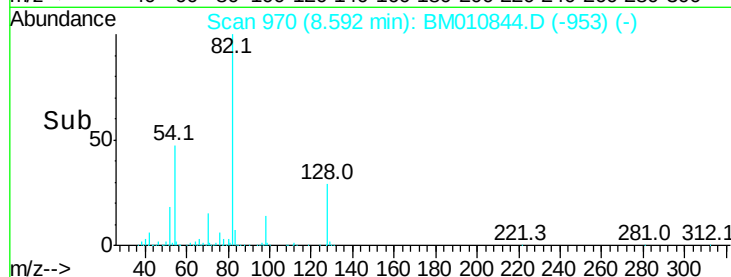
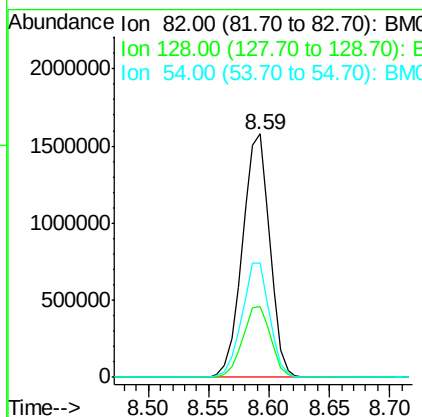
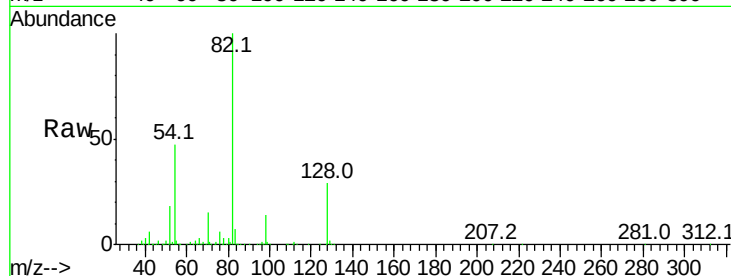




#23
Nitrobenzene-d5
Concen: 89.396 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

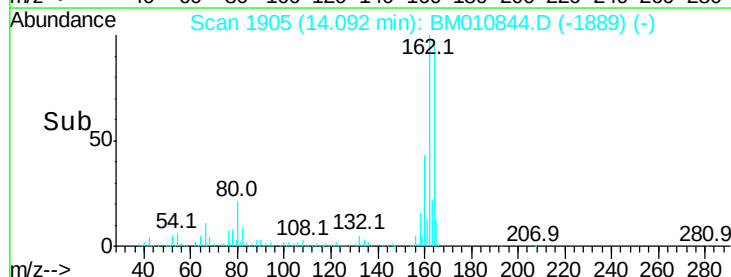
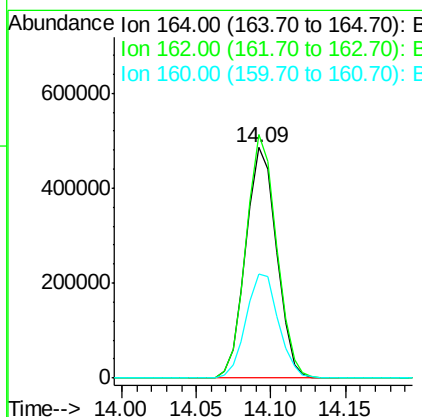
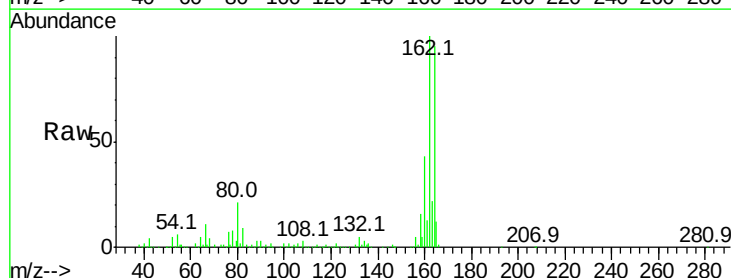
Instrument :
BNA_M
ClientSampleId :
PB100672BL

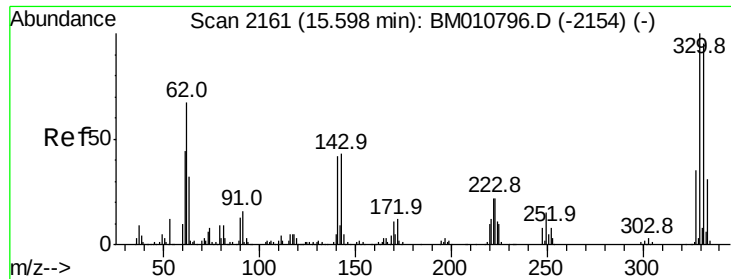
Tot Ion: 82 Resp: 2502259
Ion Ratio Lower Upper
82 100
128 29.2 32.8 49.2#
54 46.9 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion: 164 Resp: 693812
Ion Ratio Lower Upper
164 100
162 105.6 82.4 123.6
160 44.9 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 151.229 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

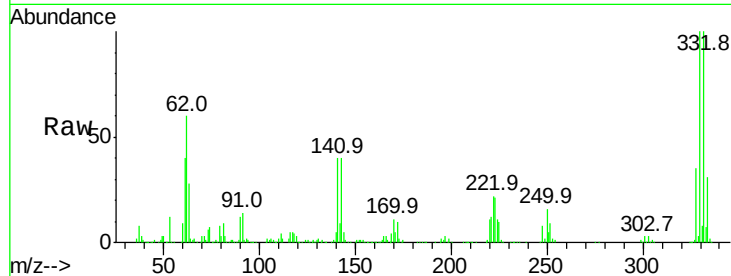
Tot Ion:330 Resp: 1603447

Ion Ratio Lower Upper

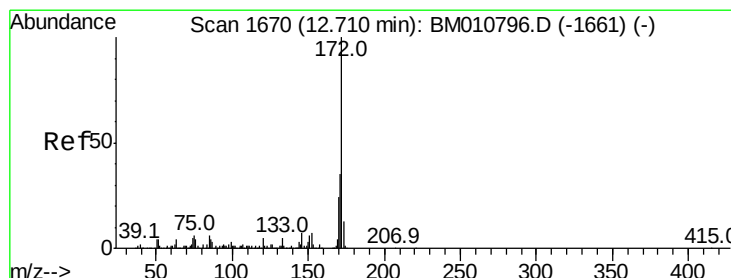
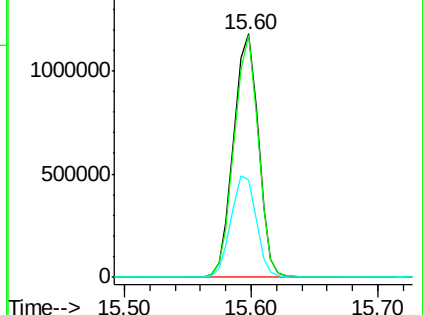
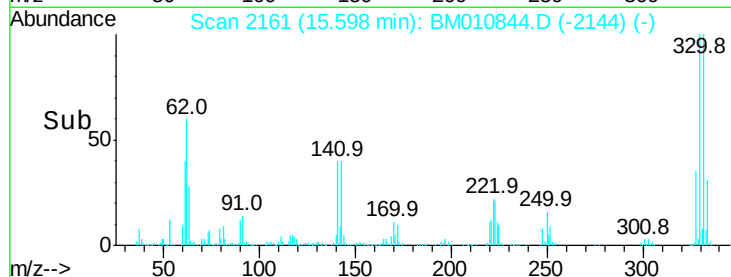
330 100

332 96.7 0.0 0.0#

141 42.1 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: 94.936 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

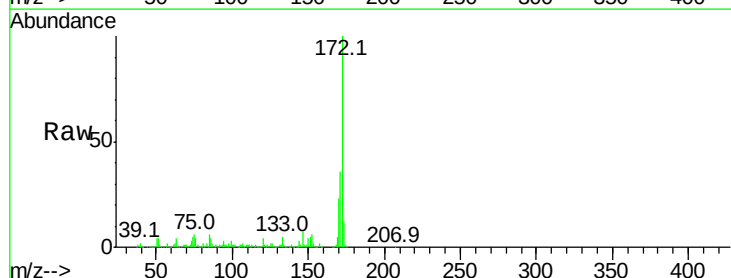
Tgt Ion:172 Resp: 5294734

Ion Ratio Lower Upper

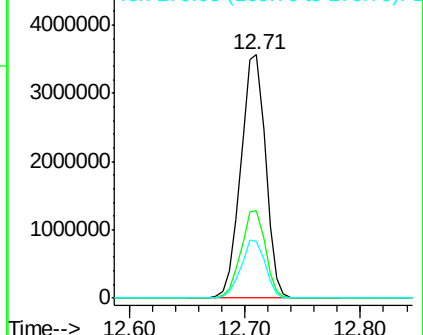
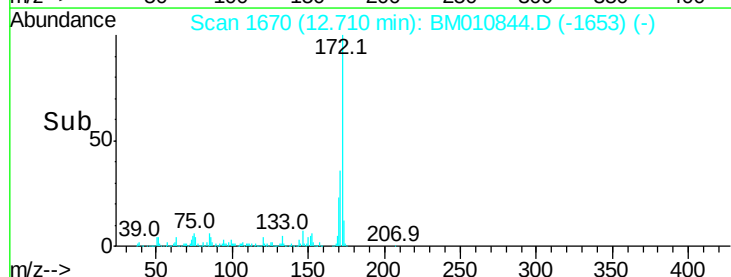
172 100

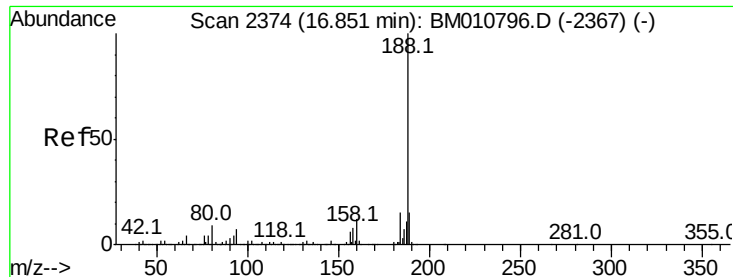
171 35.7 28.5 42.7

170 23.4 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: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

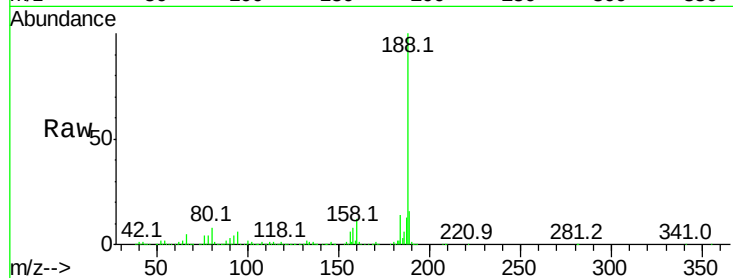
Tot Ion:188 Resp: 1711167

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

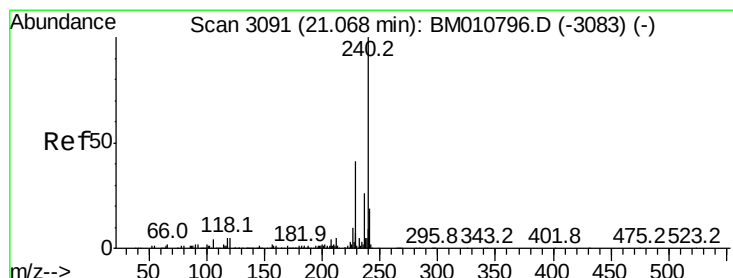
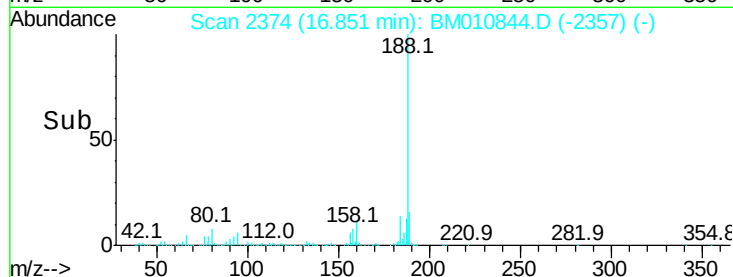
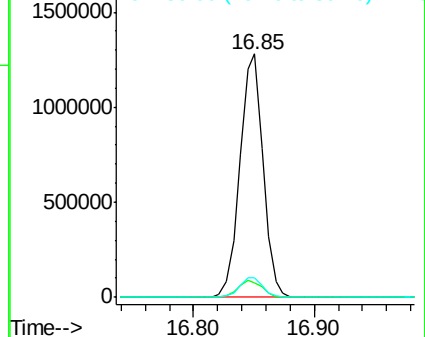
80 8.3 9.3 13.9#



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: BM010844.D

Acq: 17 Jul 2017 20:58

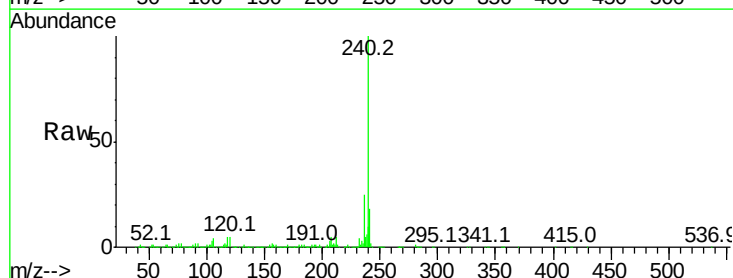
Tgt Ion:240 Resp: 1895756

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

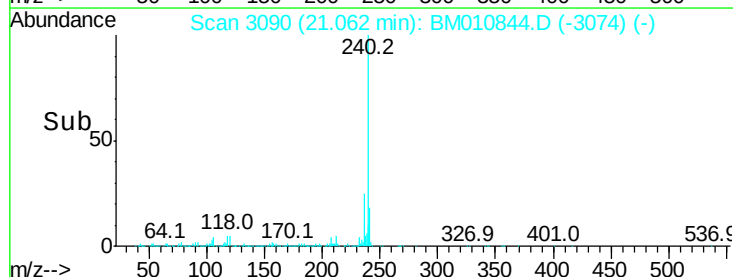
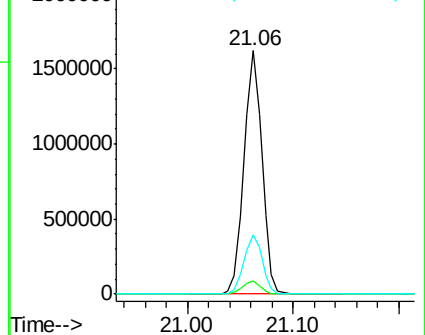
236 24.6 20.0 30.0

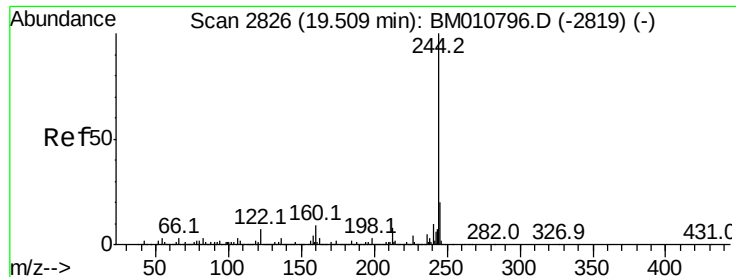


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.217 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

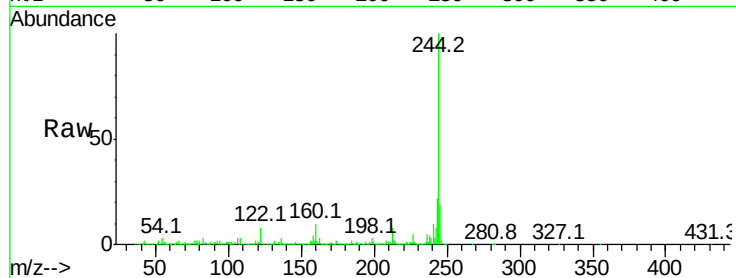
BNA_M

ClientSampleId :

PB100672BL

Tot Ion:244 Resp: 8548784

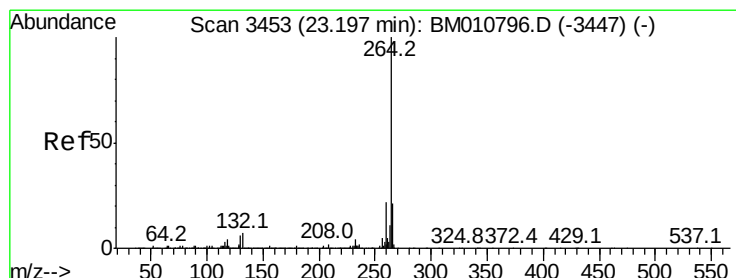
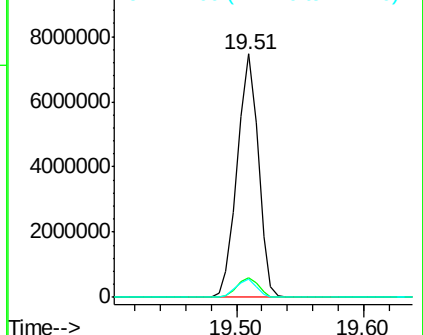
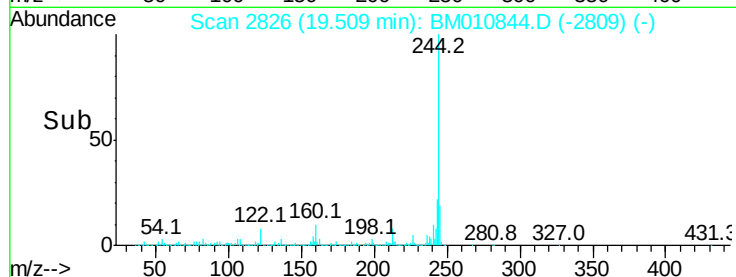
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	7.6	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

1e+07 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

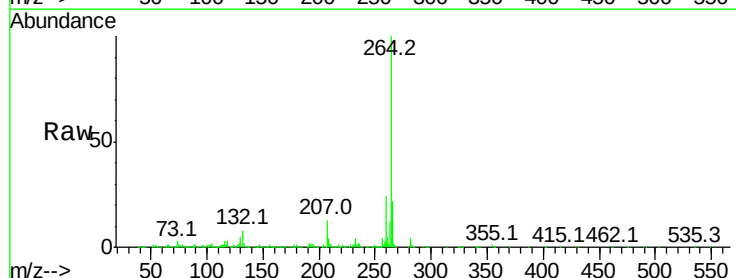
Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Tgt Ion:264 Resp: 1491946

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.7	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

