

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011378.D
 Acq On : 31 Aug 2017 18:55
 Operator : SJ/JU
 Sample : PB101971BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101971BL

Quant Time: Sep 01 06:36:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	511103	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2142904	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1214457	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2725733	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3122524	20.00	ng	-0.01
86) Perylene-d12	23.91	264	3005973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4187209	137.90	ng	0.00
7) Phenol-d6	7.14	99	5390237	128.03	ng	0.00
23) Nitrobenzene-d5	9.16	82	2842411	87.41	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1826374	129.98	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7179370	85.21	ng	0.00
78) Terphenyl-d14	19.97	244	9417512	74.83	ng	0.00

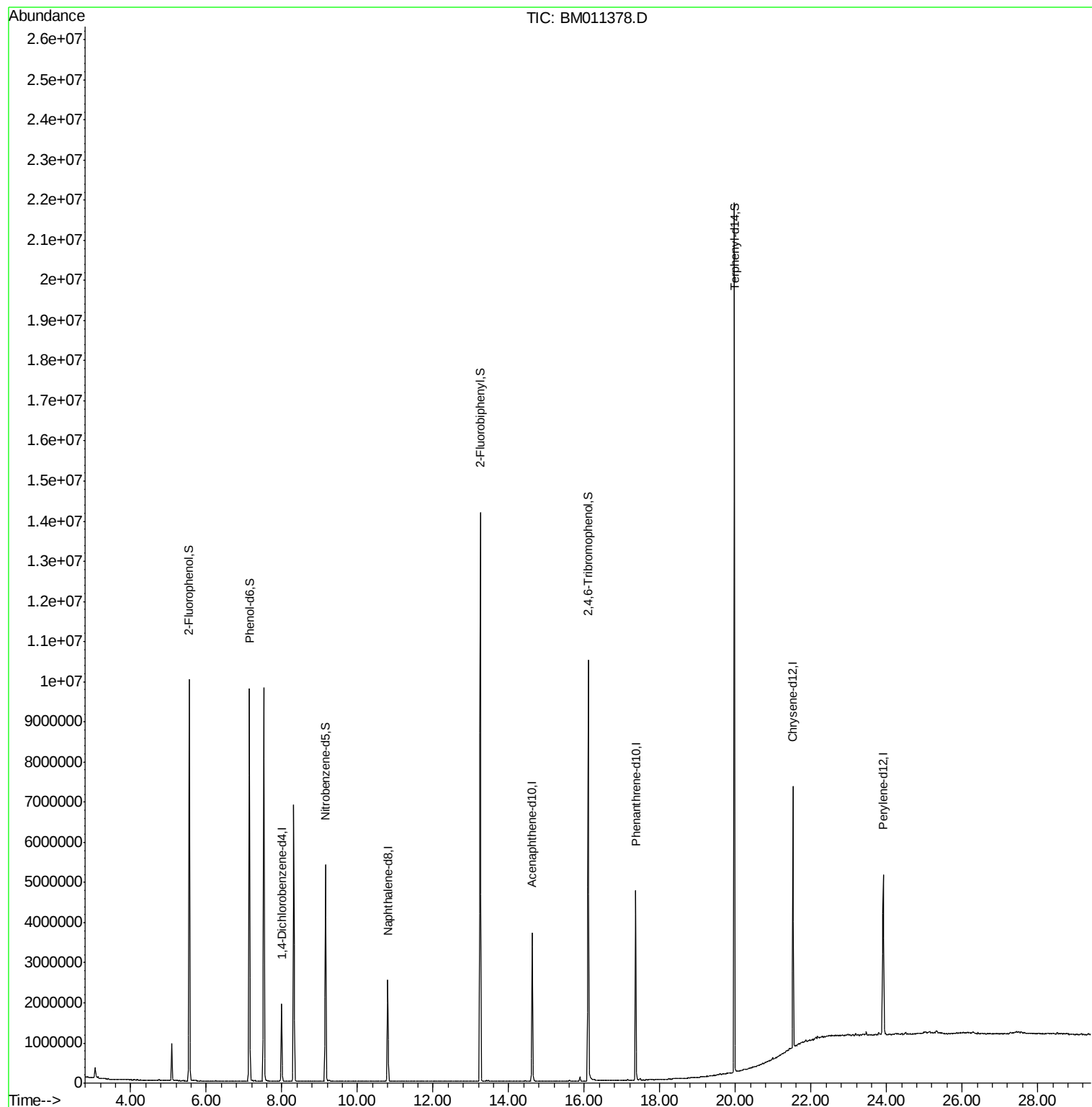
Target Compounds Qvalue

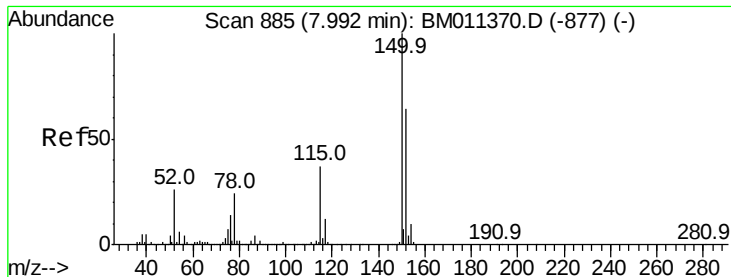
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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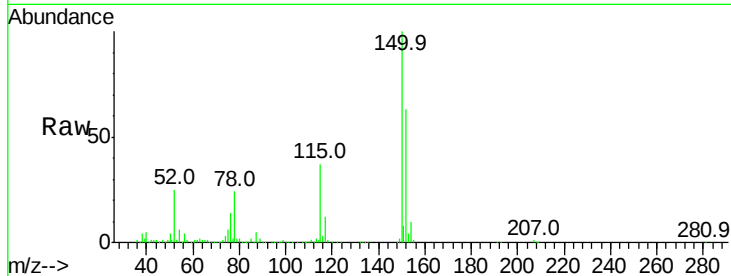


#1

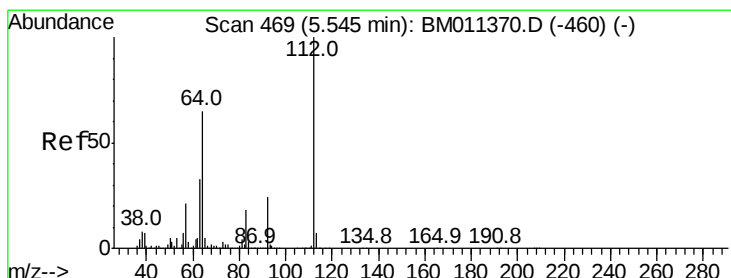
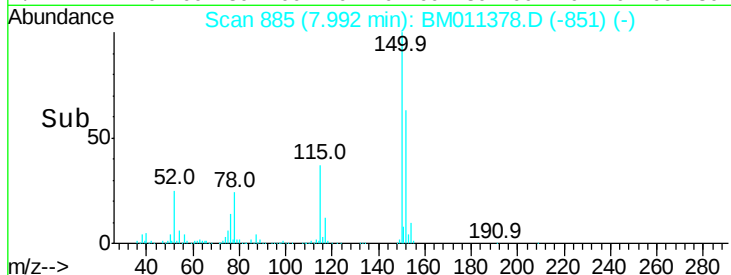
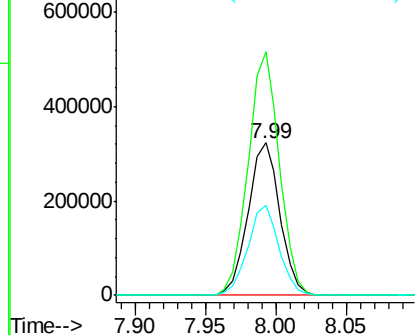
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Instrument :
BNA_M
ClientSampleId :
PB101971BL

Tot Ion:152 Resp: 511103
Ion Ratio Lower Upper
152 100
150 159.9 119.5 179.3
115 59.5 43.0 64.4



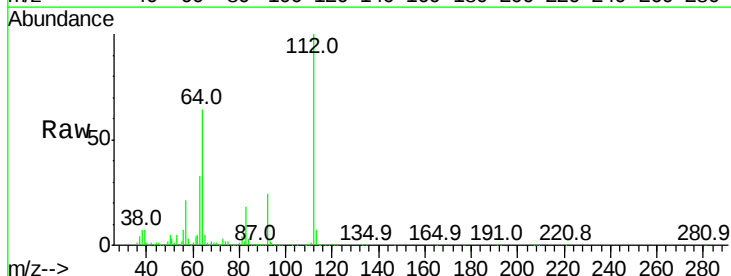
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



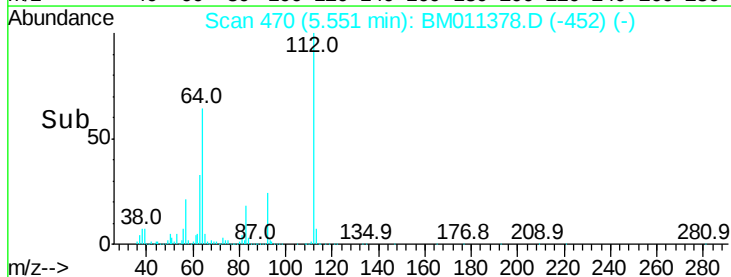
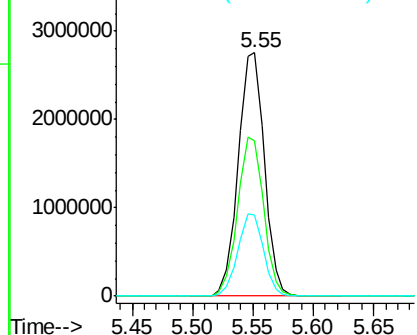
#5

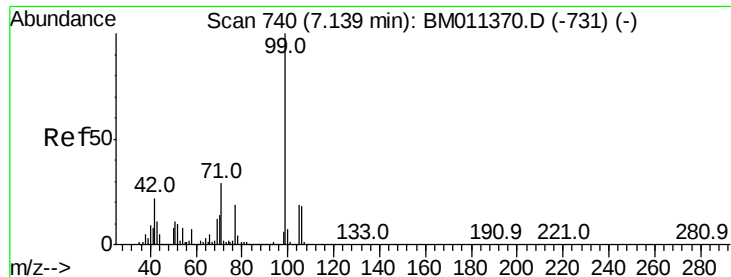
2-Fluorophenol
Concen: 137.902 ng
RT: 5.55 min Scan# 470
Delta R.T. 0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:112 Resp: 4187209
Ion Ratio Lower Upper
112 100
64 64.0 38.6 57.8#
63 33.4 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: 128.026 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011378.D

Acq: 31 Aug 2017 18:55

Instrument :

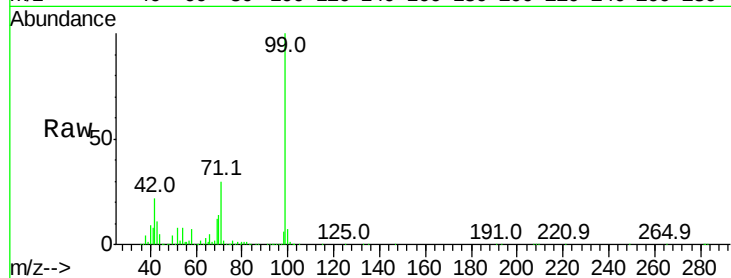
BNA_M

ClientSampleId :

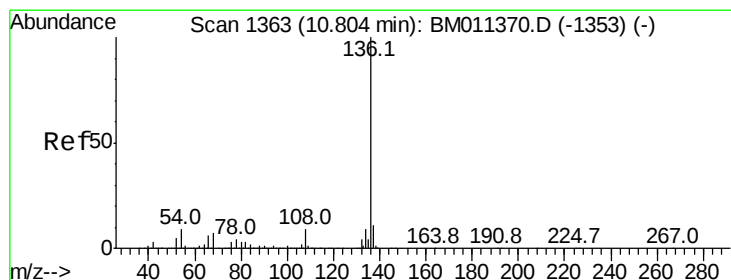
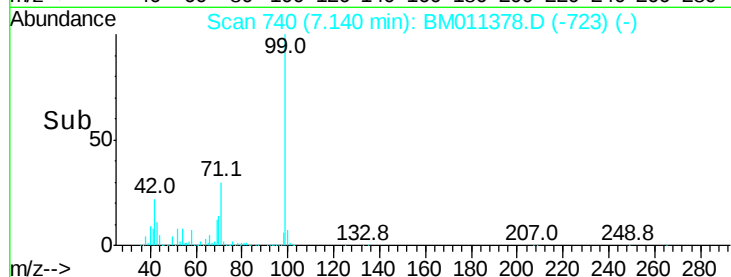
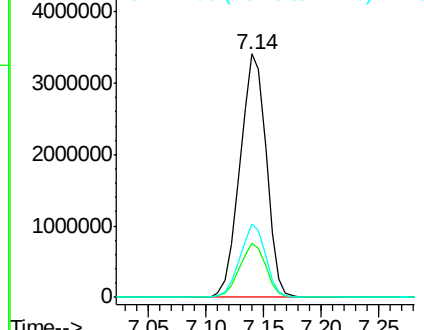
PB101971BL

Tot Ion: 99 Resp: 5390237

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	30.0	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011378.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

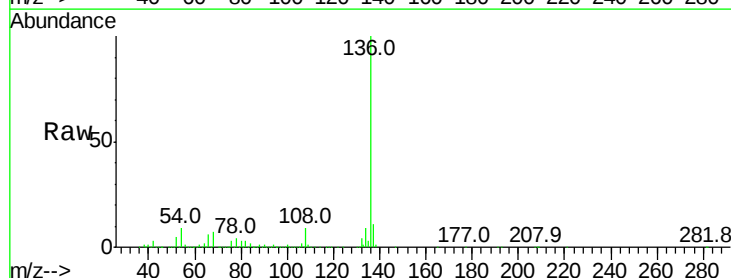
Delta R.T. -0.01 min

Lab File: BM011378.D

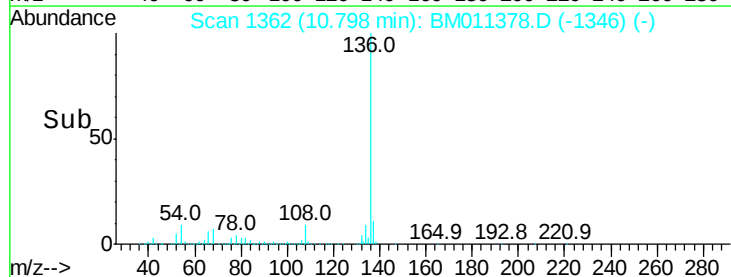
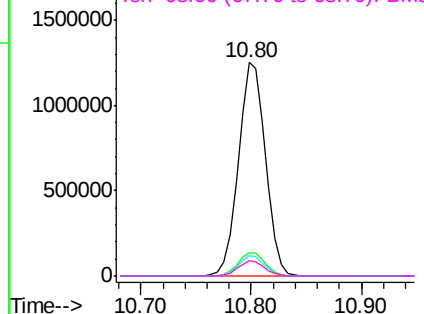
Acq: 31 Aug 2017 18:55

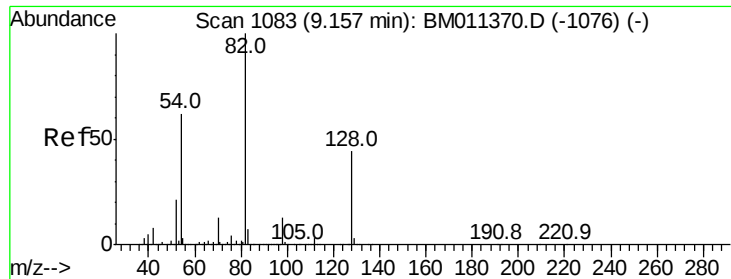
Tgt Ion: 136 Resp: 2142904

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.4	4.6	6.8#
68	7.0	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011378.D (-1346) (-)

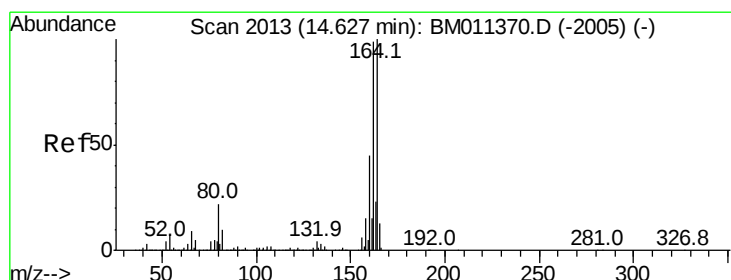
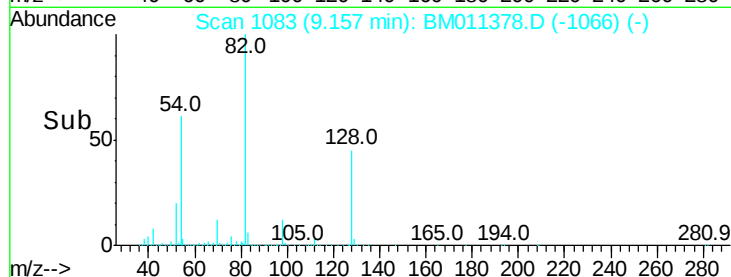
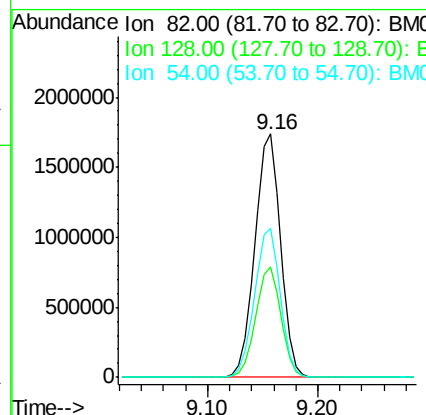
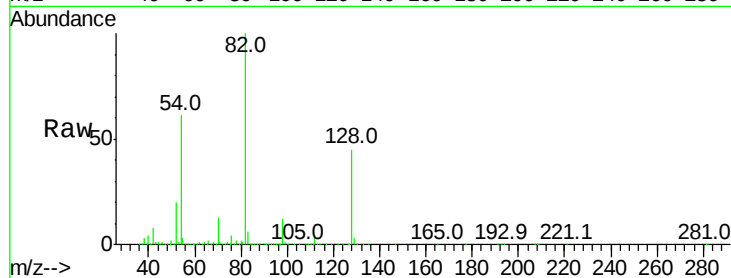




#23
Nitrobenzene-d5
Concen: 87.409 ng
RT: 9.16 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

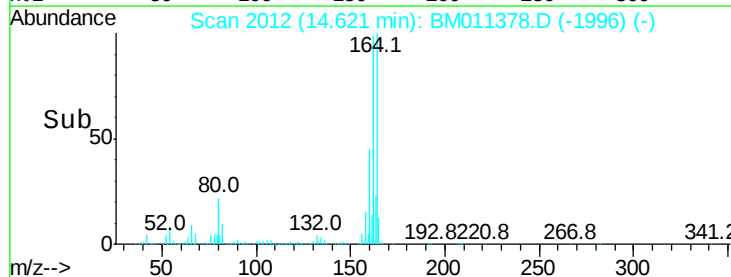
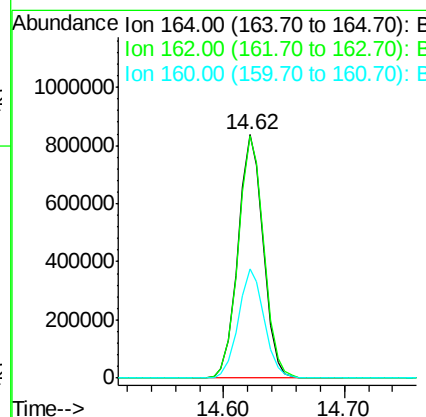
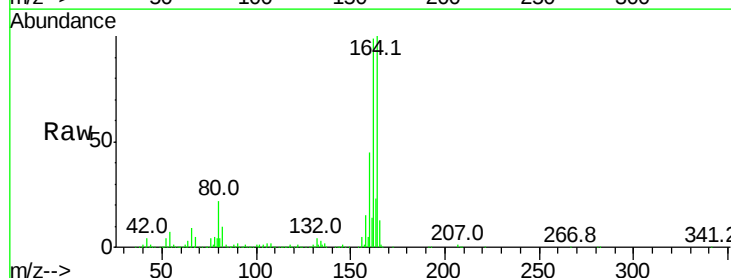
Instrument :
BNA_M
ClientSampleId :
PB101971BL

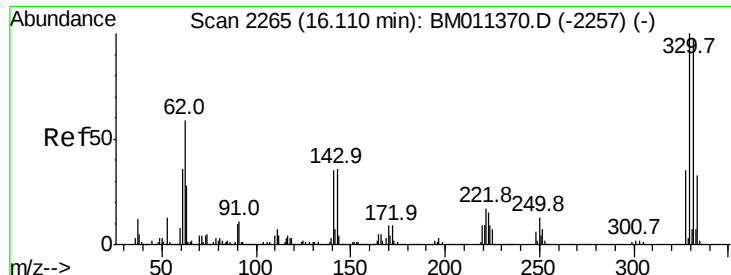
Tot Ion: 82 Resp: 2842411
Ion Ratio Lower Upper
82 100
128 45.5 32.8 49.2
54 61.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:164 Resp: 1214457
Ion Ratio Lower Upper
164 100
162 99.5 82.4 123.6
160 44.8 35.8 53.6

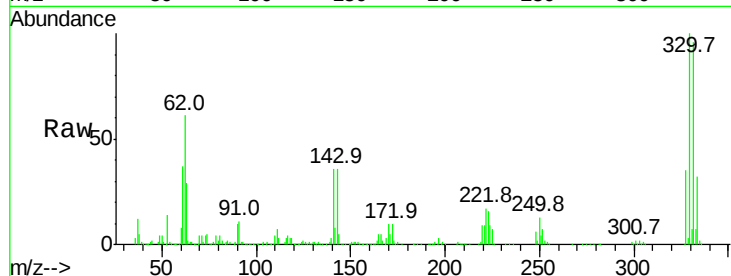




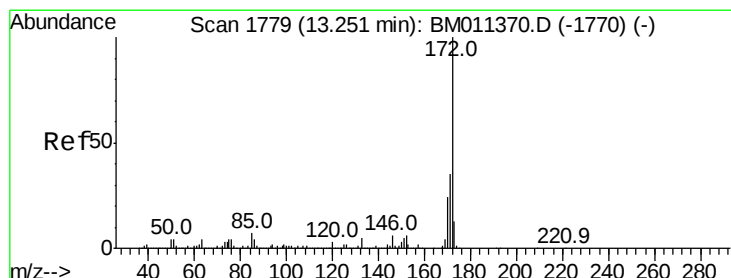
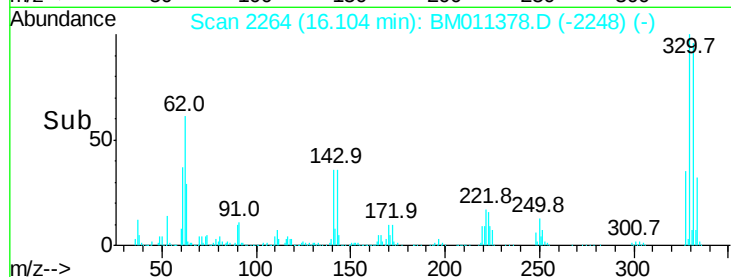
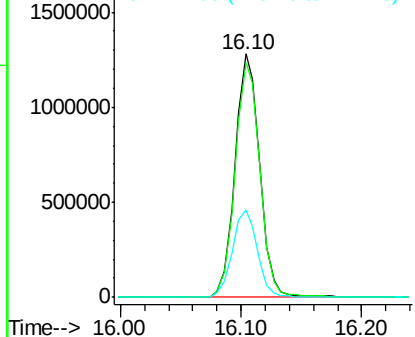
#41
 2,4,6-Tribromophenol
 Concen: 129.984 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101971BL

Tot Ion:330 Resp: 1826374
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 36.4 0.0 0.0#

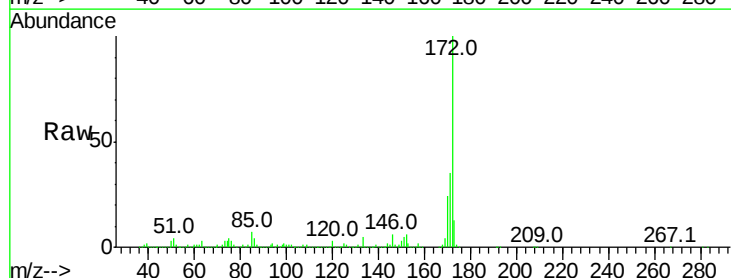


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

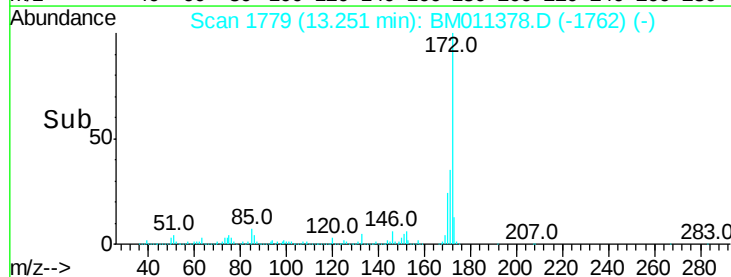
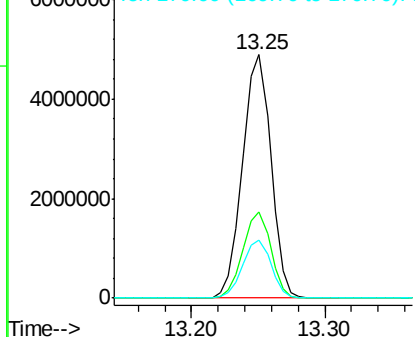


#44
 2-Fluorobiphenyl
 Concen: 85.214 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Tgt Ion:172 Resp: 7179370
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.1 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

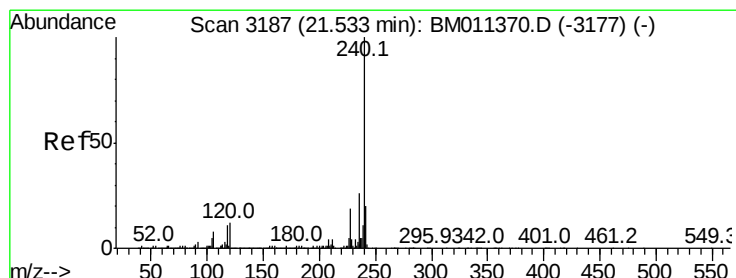
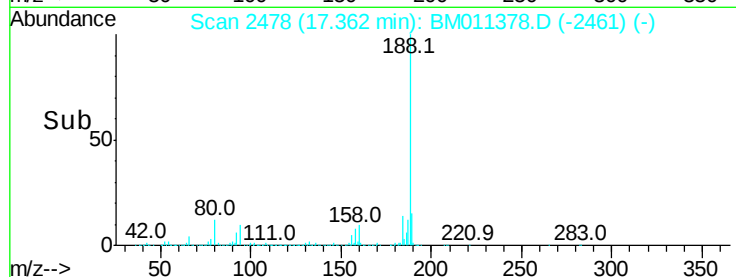
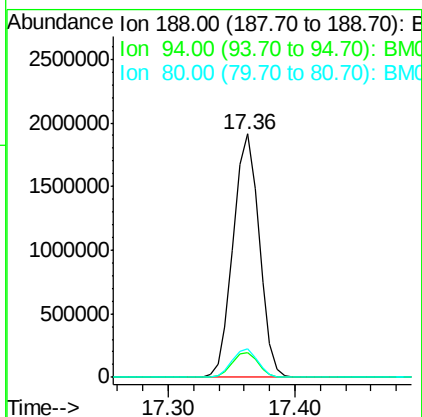
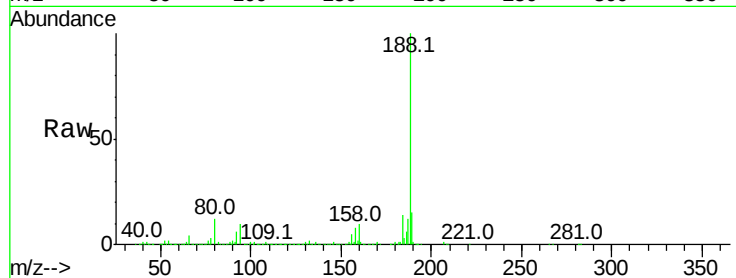




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

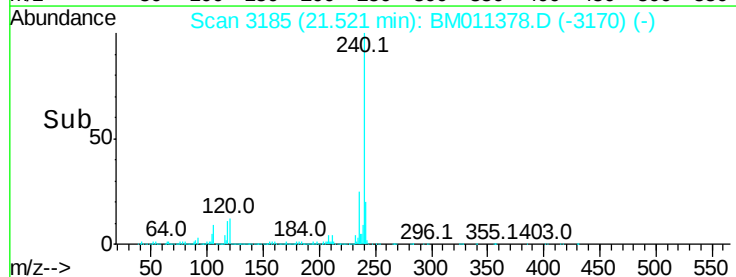
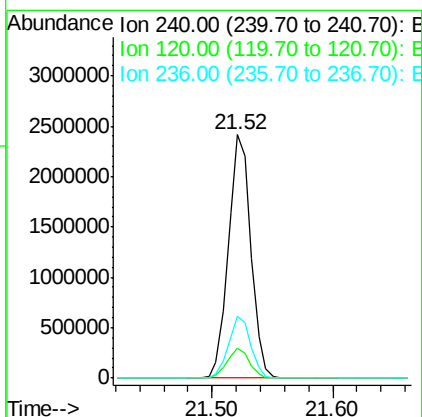
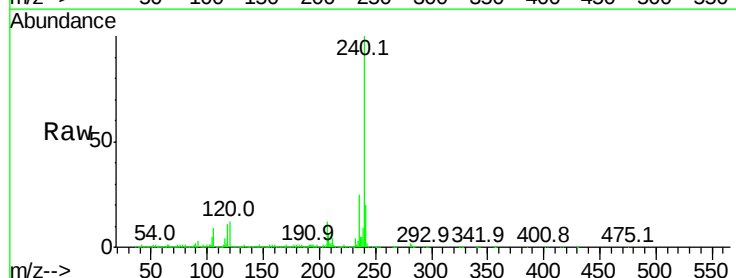
Instrument :
BNA_M
ClientSampleId :
PB101971BL

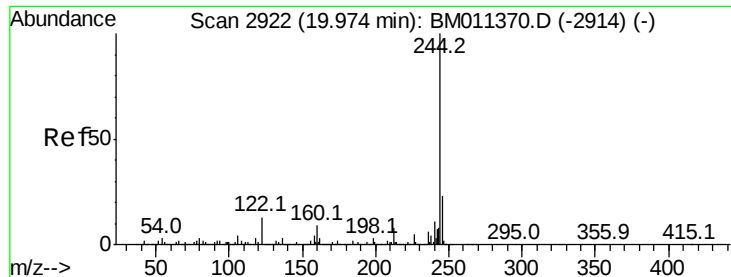
Tot Ion:188 Resp: 2725733
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.5 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011378.D
Acq: 31 Aug 2017 18:55

Tgt Ion:240 Resp: 3122524
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.4 20.0 30.0



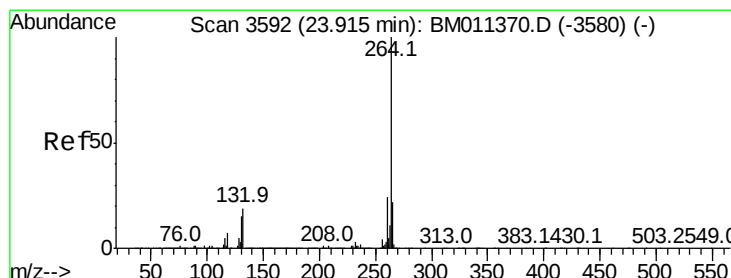
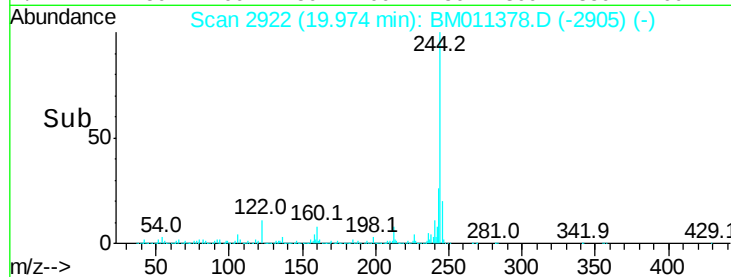
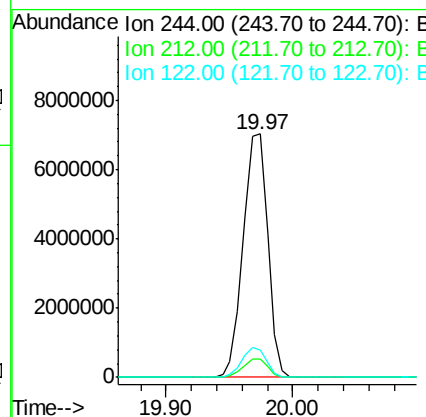
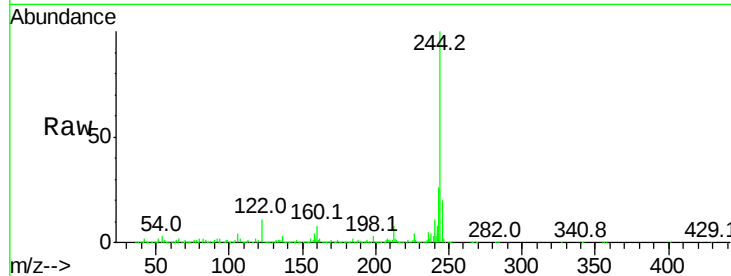


#78
 Terphenyl-d14
 Concen: 74.833 ng
 RT: 19.97 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101971BL

Tot Ion:244 Resp: 9417512

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	11.3	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.91 min Scan# 3591
 Delta R.T. -0.01 min
 Lab File: BM011378.D
 Acq: 31 Aug 2017 18:55

Tgt Ion:264 Resp: 3005973

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.8	17.3	25.9

