

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011379.D
 Acq On : 31 Aug 2017 19:31
 Operator : SJ/JU
 Sample : PB101971TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101971TB

Quant Time: Sep 01 06:43:00 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	548748	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2271709	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1255139	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2779001	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2900083	20.00	ng	-0.01
86) Perylene-d12	23.91	264	2642442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4485518	137.59	ng	0.00
7) Phenol-d6	7.14	99	5734984	126.87	ng	0.00
23) Nitrobenzene-d5	9.16	82	3025853	87.77	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1826261	125.76	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7624183	87.56	ng	0.00
78) Terphenyl-d14	19.97	244	9303822	79.60	ng	0.00

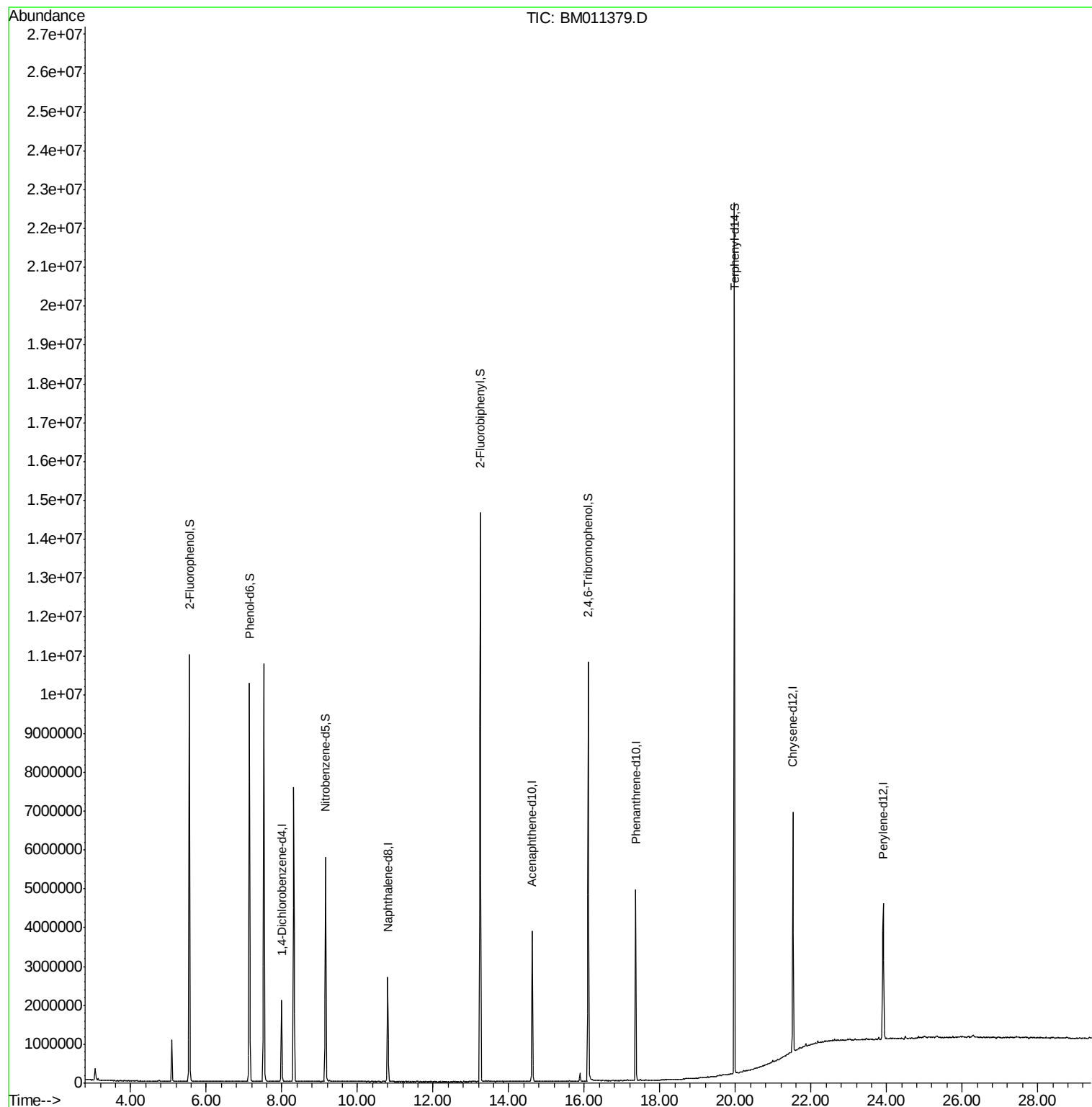
Target Compounds Qvalue

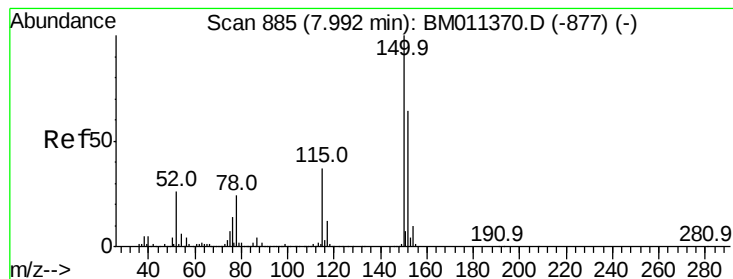
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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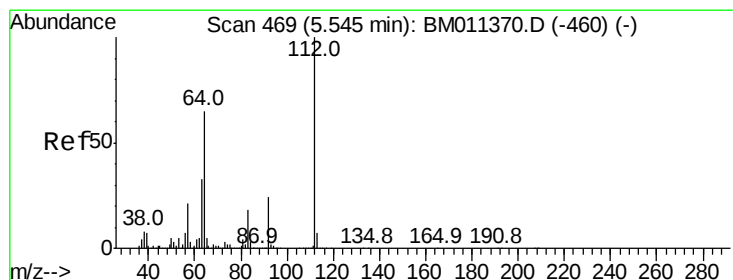
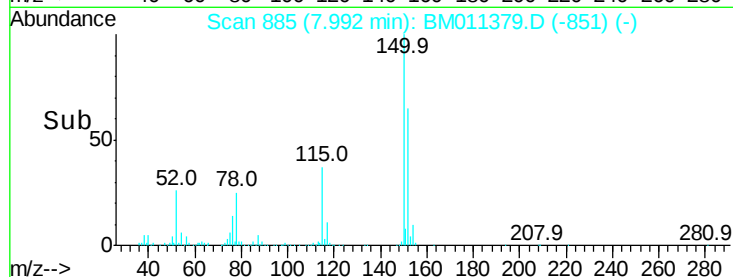
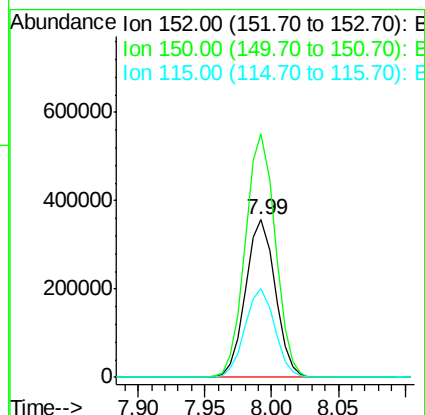
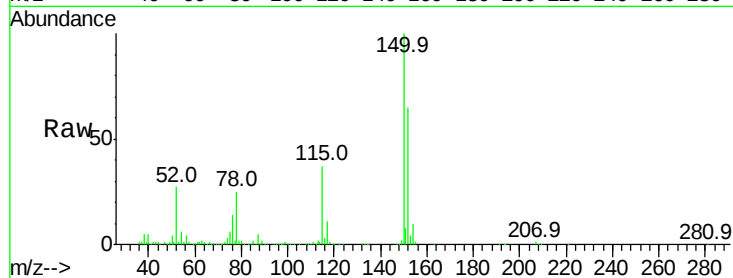


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011379.D
Acq: 31 Aug 2017 19:31

Instrument :
BNA_M
ClientSampleId :
PB101971TB

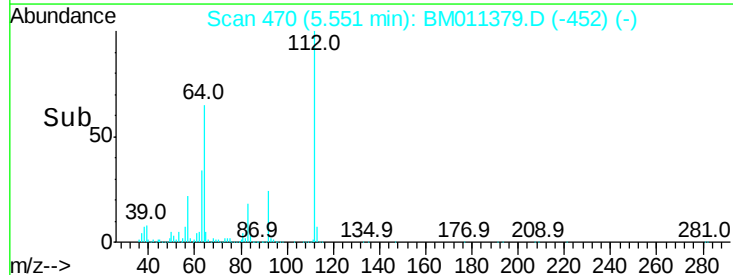
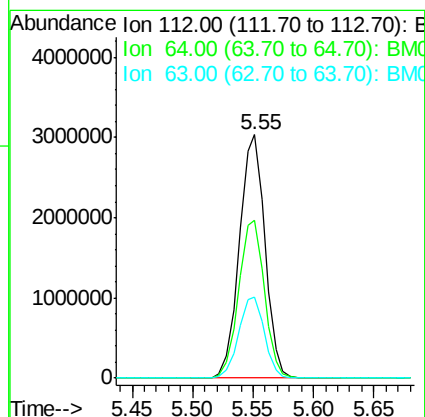
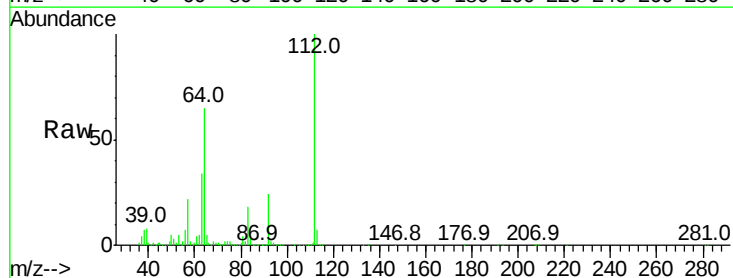
Tot Ion:152 Resp: 548748
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 56.4 43.0 64.4

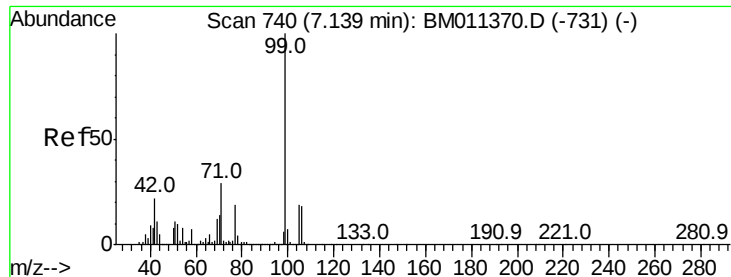


#5

2-Fluorophenol
Concen: 137.592 ng
RT: 5.55 min Scan# 470
Delta R.T. 0.01 min
Lab File: BM011379.D
Acq: 31 Aug 2017 19:31

Tgt Ion:112 Resp: 4485518
Ion Ratio Lower Upper
112 100
64 64.9 38.6 57.8#
63 33.5 19.3 28.9#





#7

Phenol-d6

Concen: 126.870 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011379.D

Acq: 31 Aug 2017 19:31

Instrument :

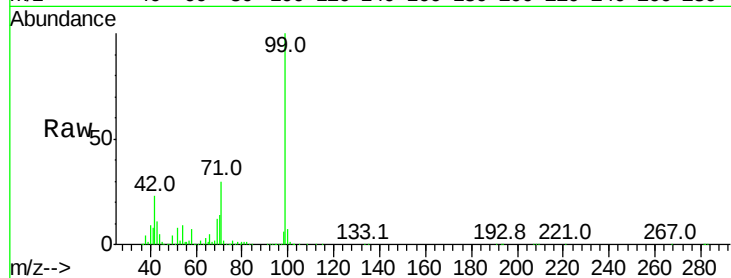
BNA_M

ClientSampleId :

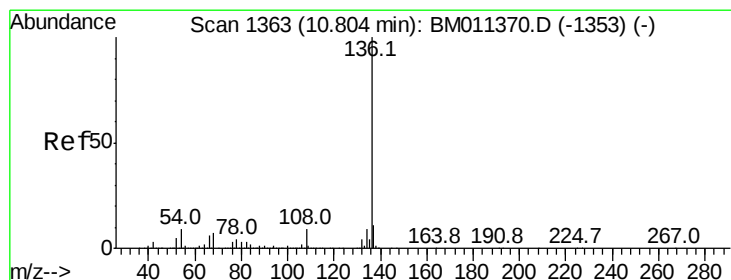
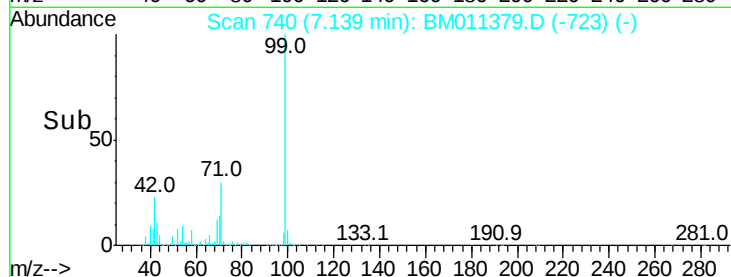
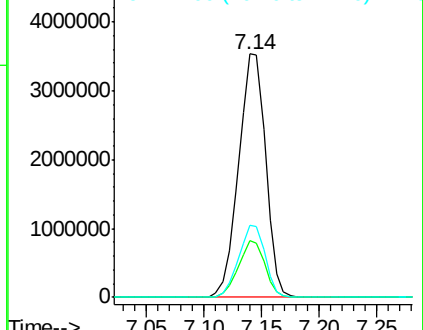
PB101971TB

Tot Ion: 99 Resp: 5734984

Ion	Ratio	Lower	Upper
99	100		
42	23.3	11.0	16.4#
71	29.8	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011379.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

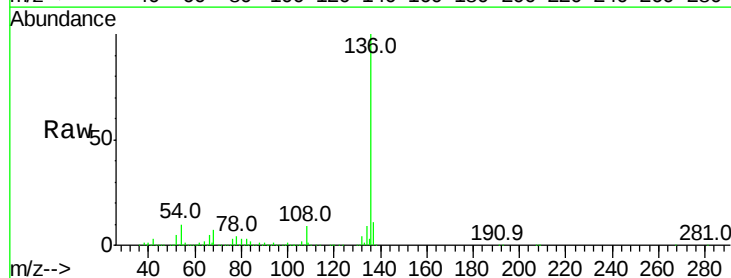
Delta R.T. -0.01 min

Lab File: BM011379.D

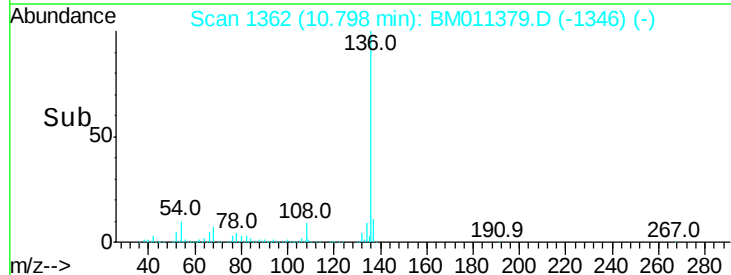
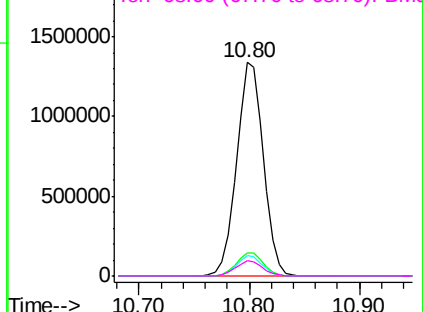
Acq: 31 Aug 2017 19:31

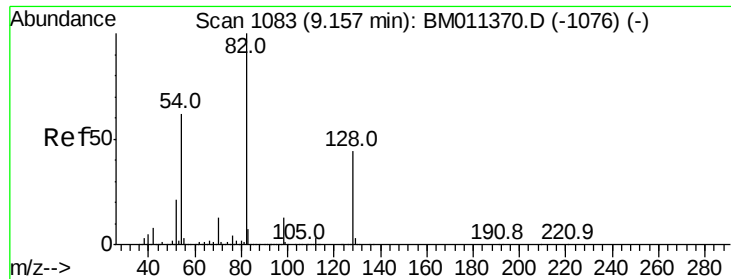
Tgt Ion: 136 Resp: 2271709

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	4.6	6.8#
68	7.0	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011379.D (-1346) (-)



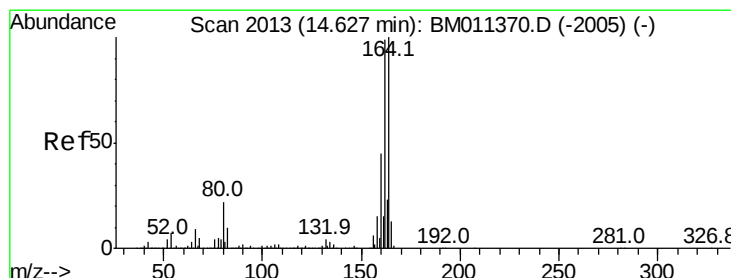
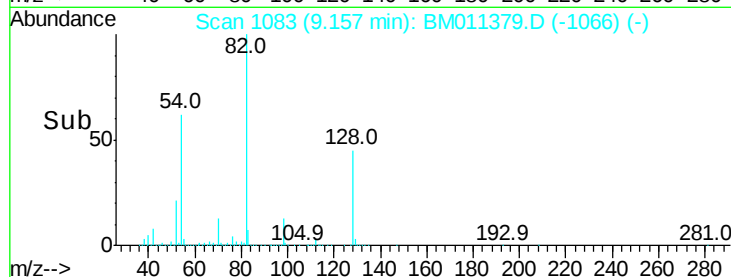
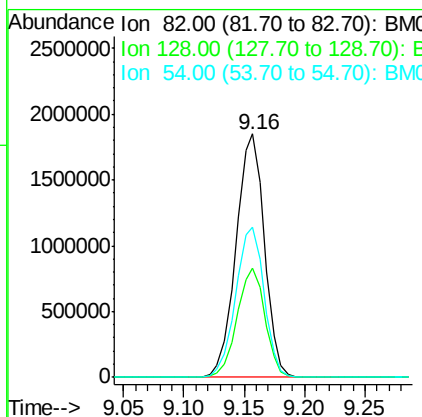
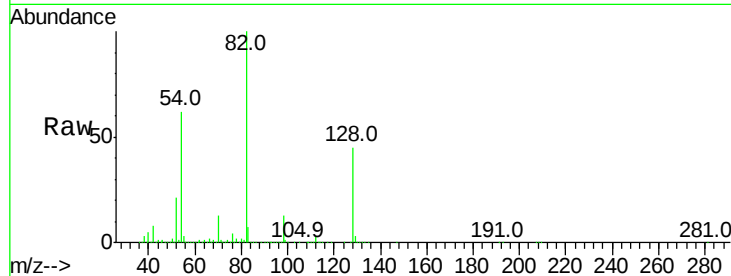


#23
 Nitrobenzene-d5
 Concen: 87.775 ng
 RT: 9.16 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM011379.D
 Acq: 31 Aug 2017 19:31

Instrument :
 BNA_M
 ClientSampleId :
 PB101971TB

Tot Ion: 82 Resp: 3025853

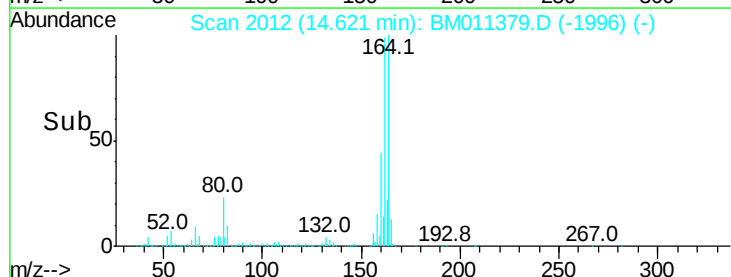
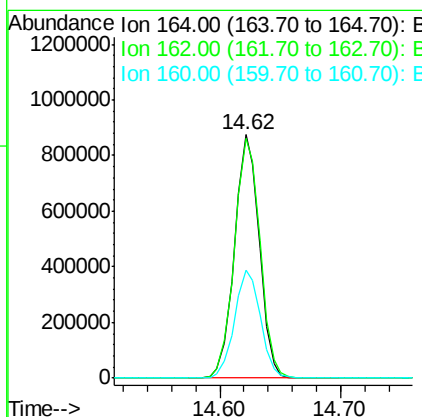
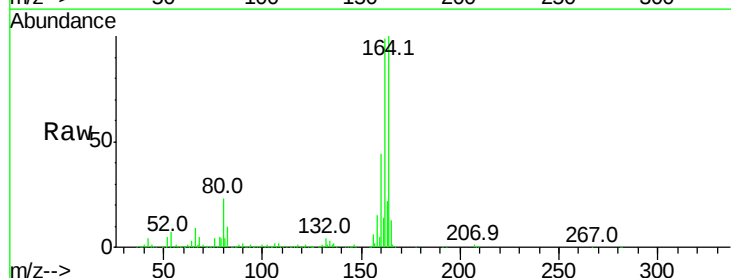
Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.8	49.2
54	61.8	40.6	60.8#

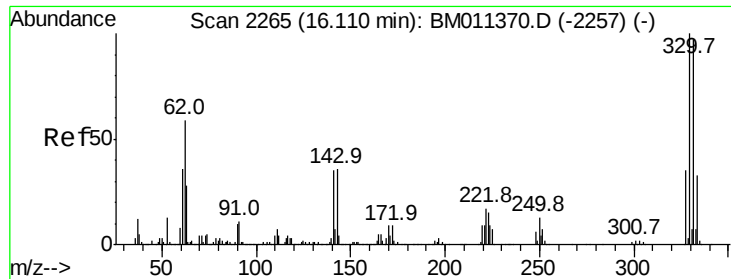


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011379.D
 Acq: 31 Aug 2017 19:31

Tgt Ion: 164 Resp: 1255139

Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.4	123.6
160	44.5	35.8	53.6

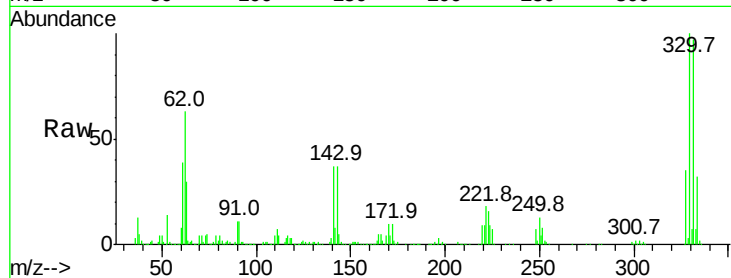




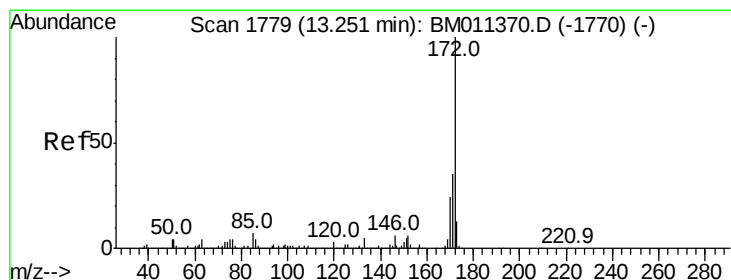
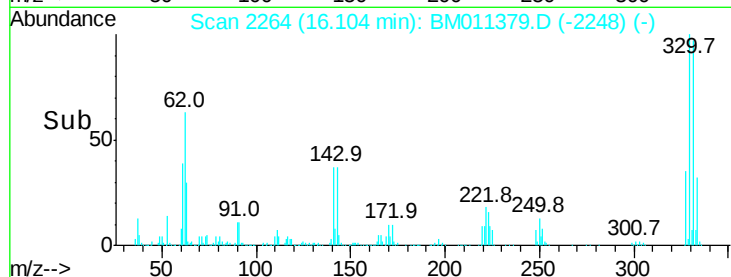
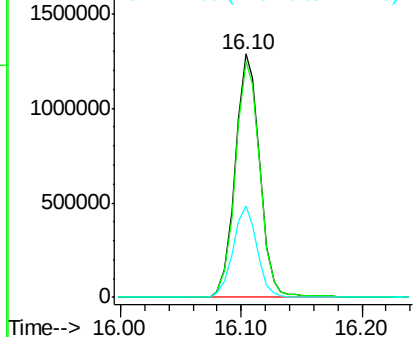
#41
 2,4,6-Tribromophenol
 Concen: 125.763 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011379.D
 Acq: 31 Aug 2017 19:31

Instrument :
 BNA_M
 ClientSampleId :
 PB101971TB

Tot Ion:330 Resp: 1826261
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 36.9 0.0 0.0#

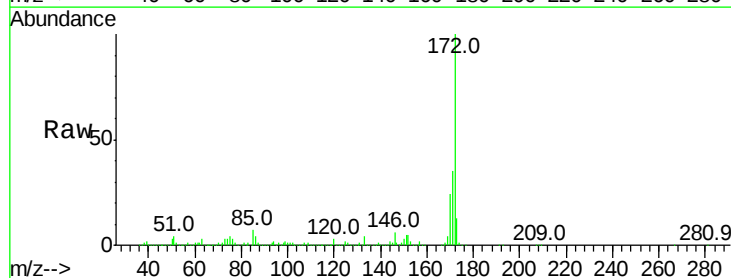


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

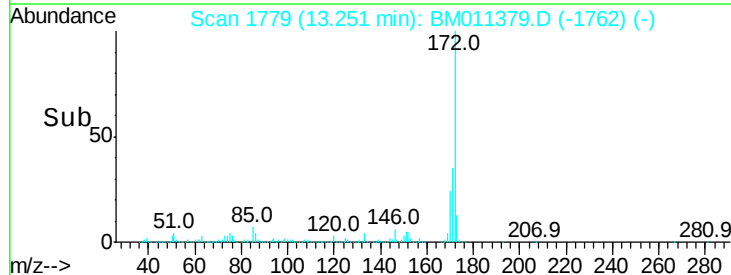
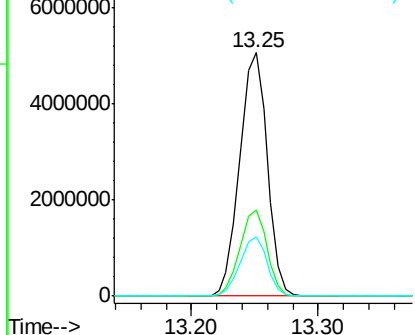


#44
 2-Fluorobiphenyl
 Concen: 87.561 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011379.D
 Acq: 31 Aug 2017 19:31

Tgt Ion:172 Resp: 7624183
 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

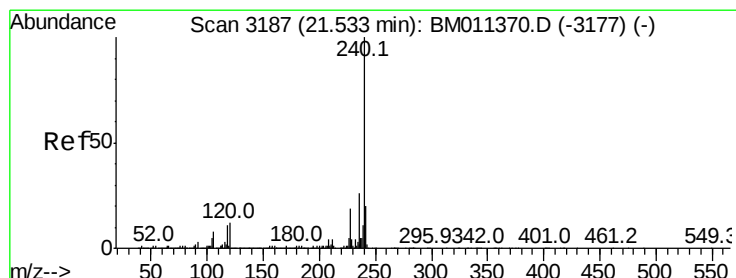
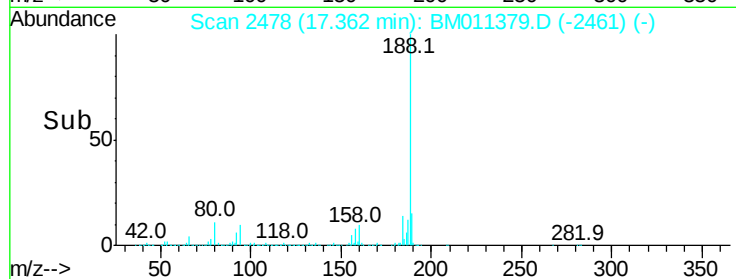
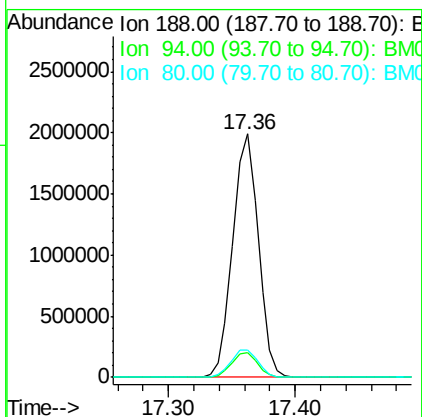
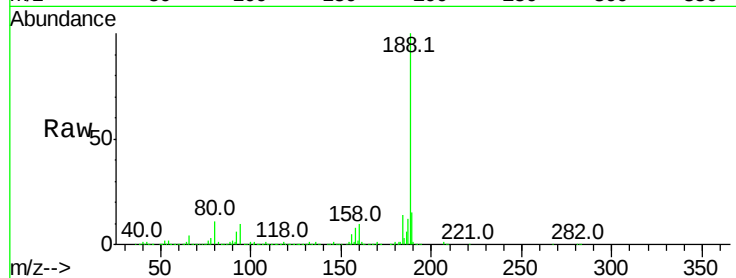




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM011379.D
Acq: 31 Aug 2017 19:31

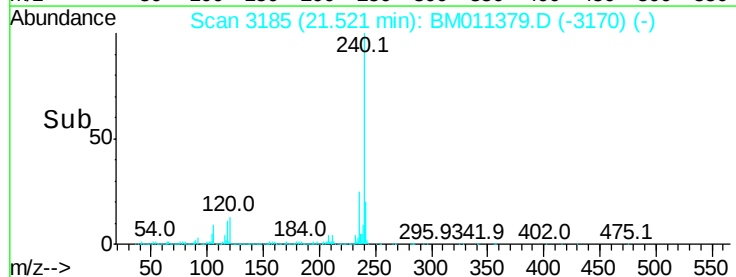
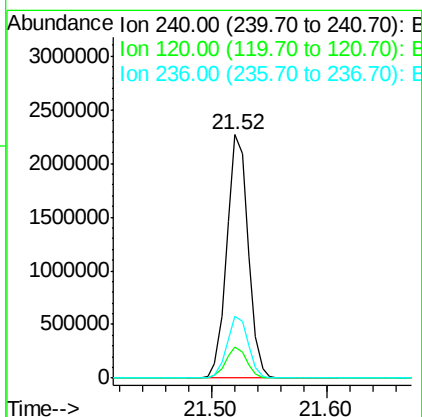
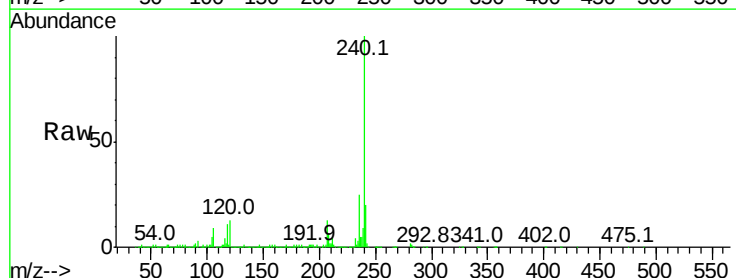
Instrument :
BNA_M
ClientSampleId :
PB101971TB

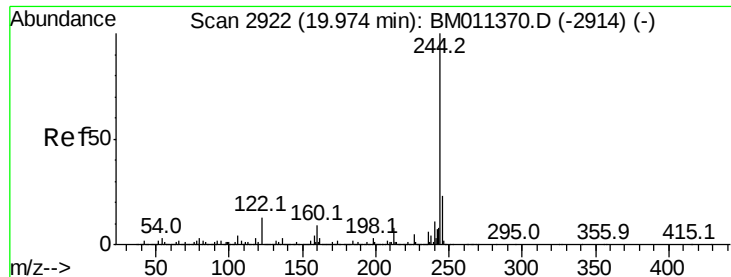
Tot Ion:188 Resp: 2779001
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011379.D
Acq: 31 Aug 2017 19:31

Tgt Ion:240 Resp: 2900083
Ion Ratio Lower Upper
240 100
120 12.7 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 79.601 ng

RT: 19.97 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BM011379.D

Acq: 31 Aug 2017 19:31

Instrument :

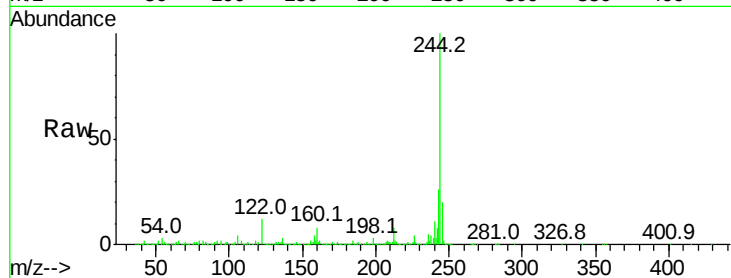
BNA_M

ClientSampleId :

PB101971TB

Tot Ion:244 Resp: 9303822

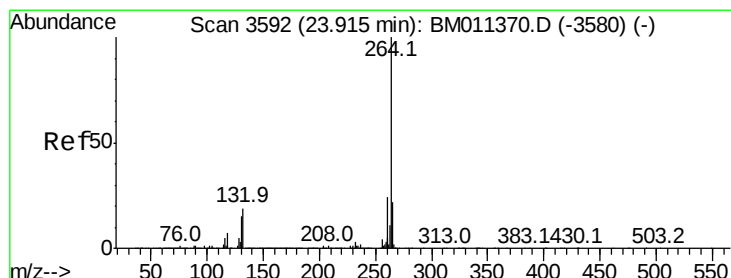
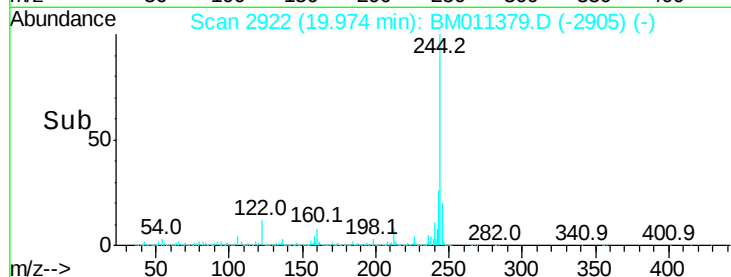
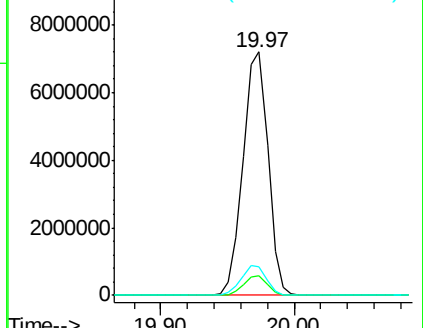
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	11.5	6.2	9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.91 min Scan# 3591

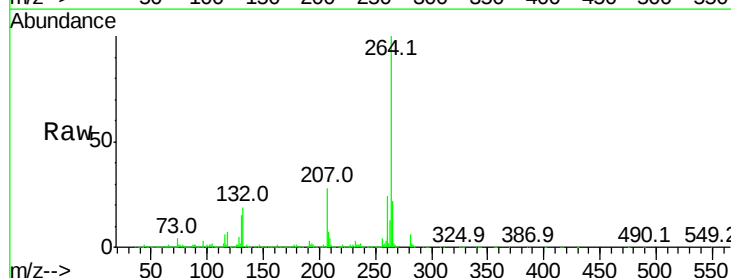
Delta R.T. -0.01 min

Lab File: BM011379.D

Acq: 31 Aug 2017 19:31

Tgt Ion:264 Resp: 2642442

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	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

