

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011397.D
 Acq On : 01 Sep 2017 06:36
 Operator : SJ/JU
 Sample : I5023-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 08:21:40 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

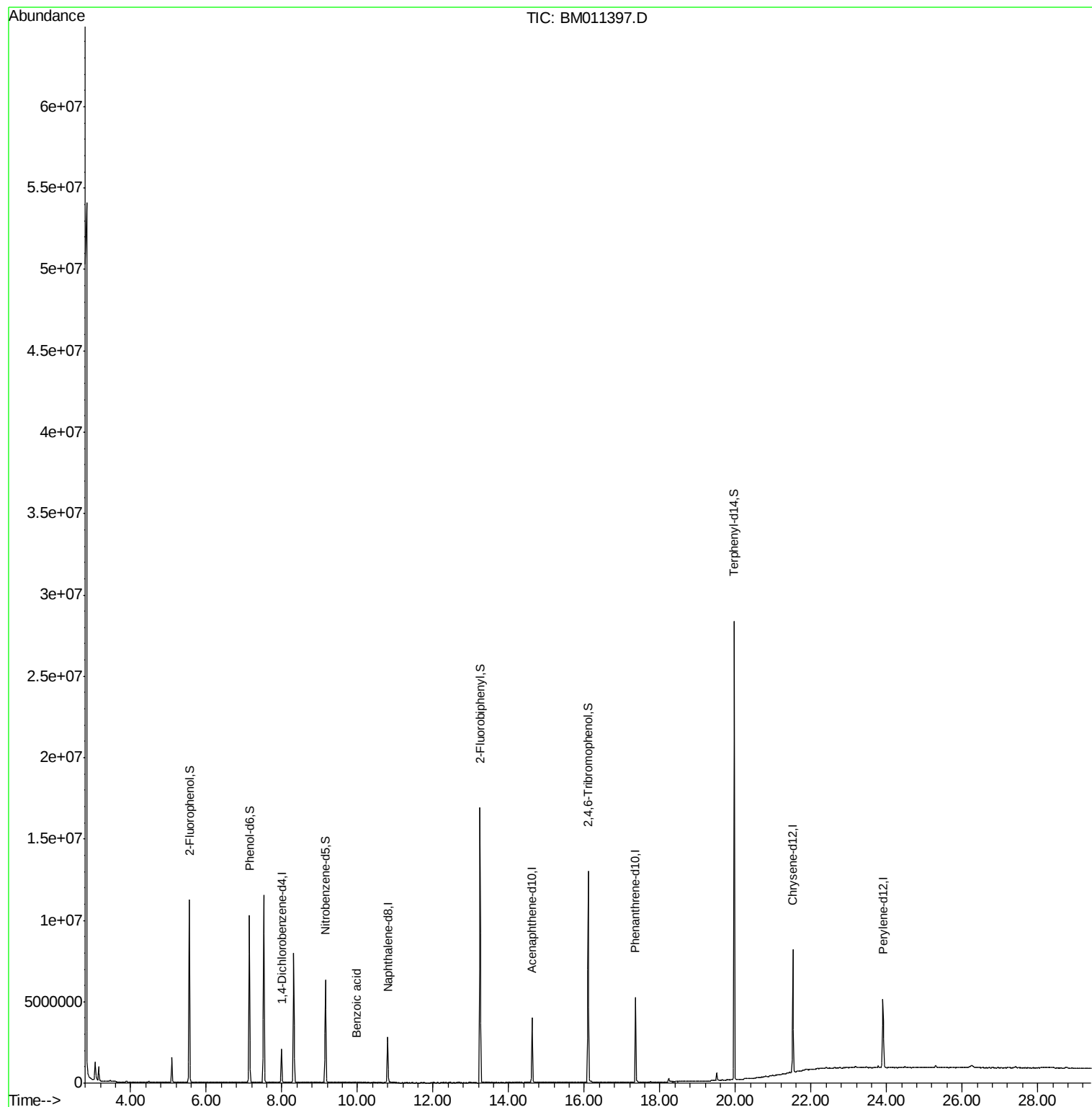
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	558449	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2349481	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1295058	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2925043	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3347505	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3063978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4611836	139.01	ng	0.00
7) Phenol-d6	7.14	99	5569356	121.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	3496612	98.07	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2168191	144.71	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8448126	94.03	ng	0.00
78) Terphenyl-d14	19.97	244	11290779	83.69	ng	0.00
Target Compounds						
32) Benzoic acid	9.99	122	4508	6.694	ng	Qvalue # 87

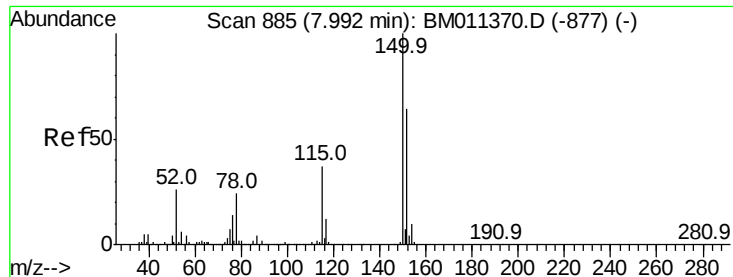
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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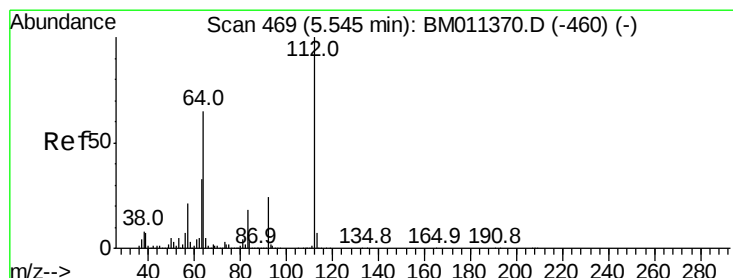
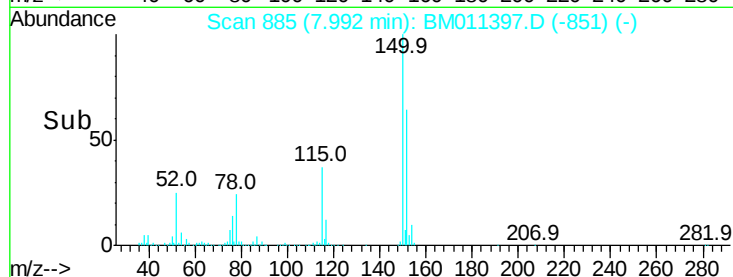
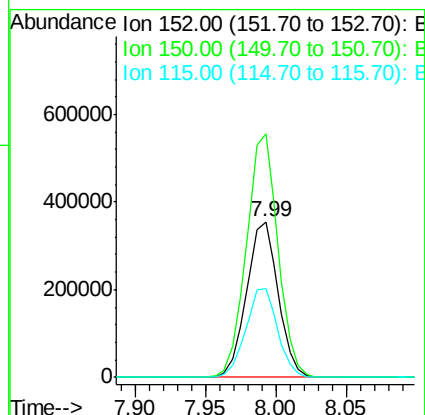
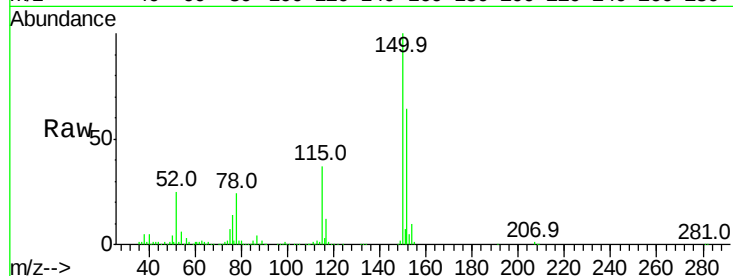


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011397.D
Acq: 01 Sep 2017 06:36

Instrument :
BNA_M
ClientSampleId :

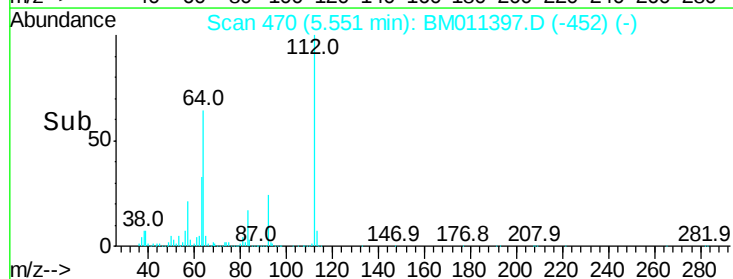
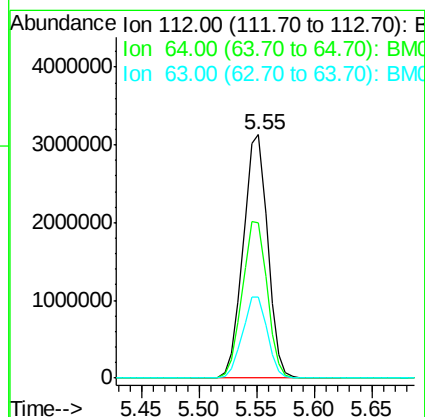
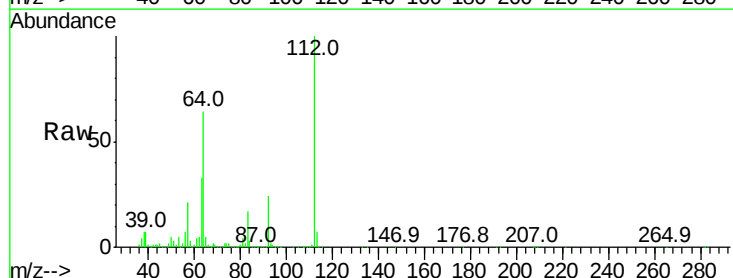
Tot Ion:152 Resp: 558449
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 57.5 43.0 64.4

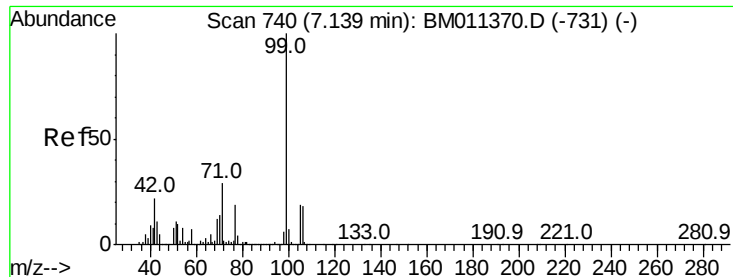


#5

2-Fluorophenol
Concen: 139.010 ng
RT: 5.55 min Scan# 470
Delta R.T. 0.01 min
Lab File: BM011397.D
Acq: 01 Sep 2017 06:36

Tgt Ion:112 Resp: 4611836
Ion Ratio Lower Upper
112 100
64 63.7 38.6 57.8#
63 33.2 19.3 28.9#





#7

Phenol-d6

Concen: 121.065 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011397.D

Acq: 01 Sep 2017 06:36

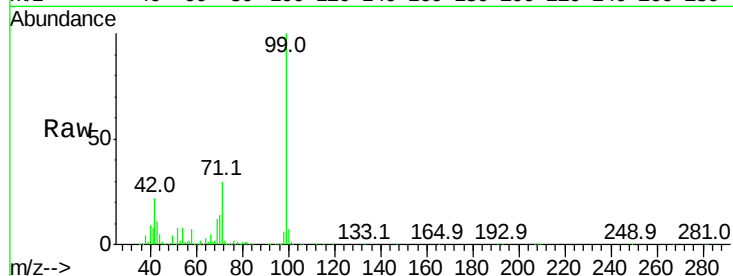
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 5569356

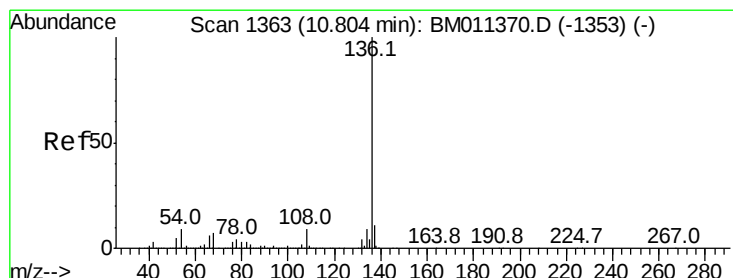
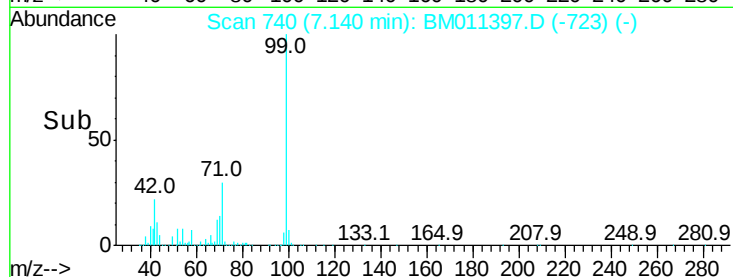
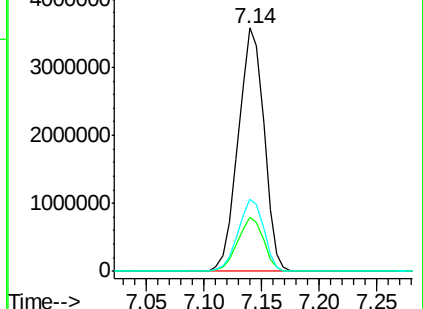
Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.0	16.4#
71	29.9	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011397.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011397.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011397.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

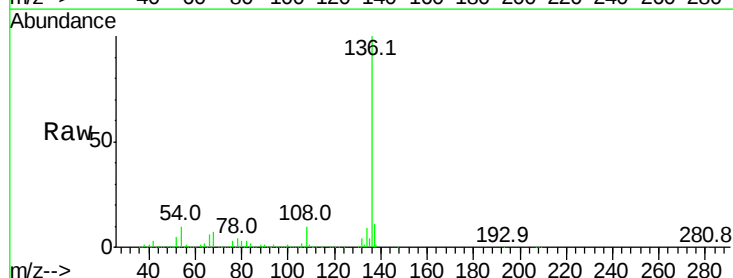
Delta R.T. -0.01 min

Lab File: BM011397.D

Acq: 01 Sep 2017 06:36

Tgt Ion: 136 Resp: 2349481

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	4.6	6.8#
68	7.2	3.7	5.5#

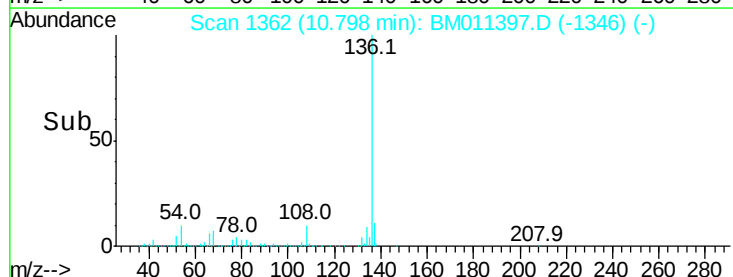
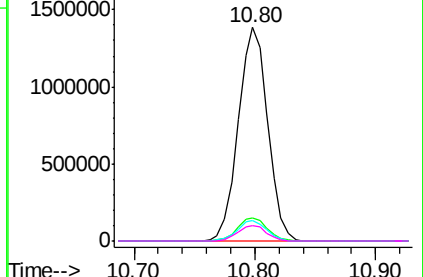


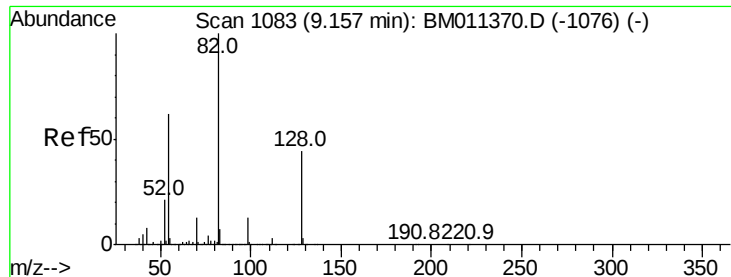
Abundance Ion 136.00 (135.70 to 136.70): BM011397.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011397.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011397.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011397.D (-1346) (-)

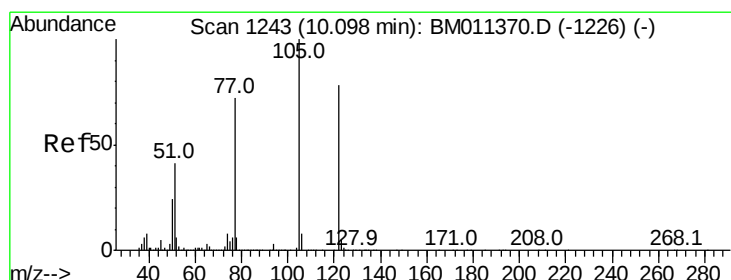
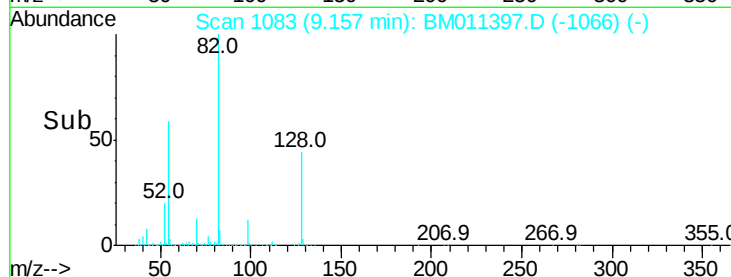
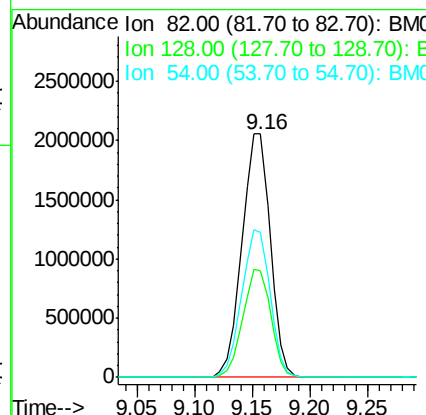
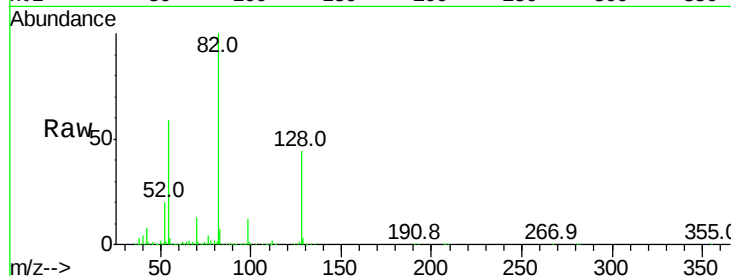




#23
 Nitrobenzene-d5
 Concen: 98.073 ng
 RT: 9.16 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM011397.D
 Acq: 01 Sep 2017 06:36

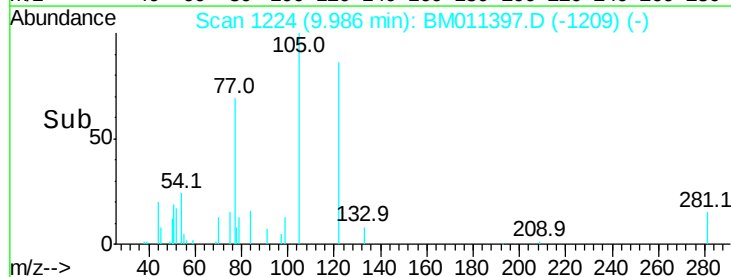
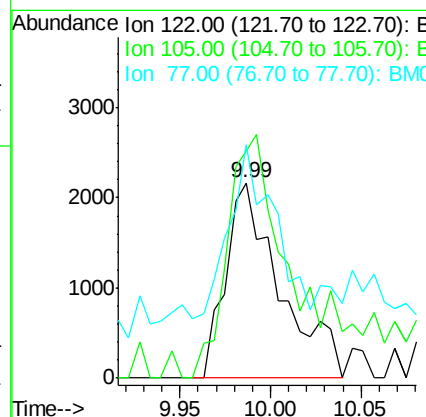
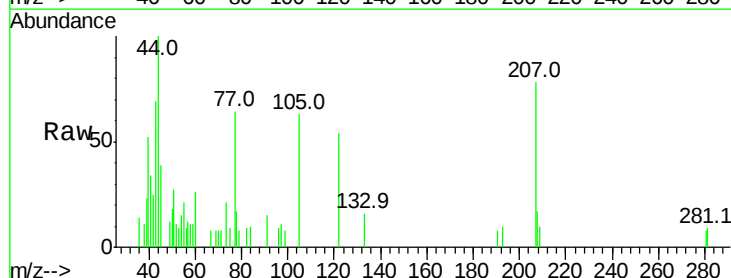
Instrument :
 BNA_M
 ClientSampleId :

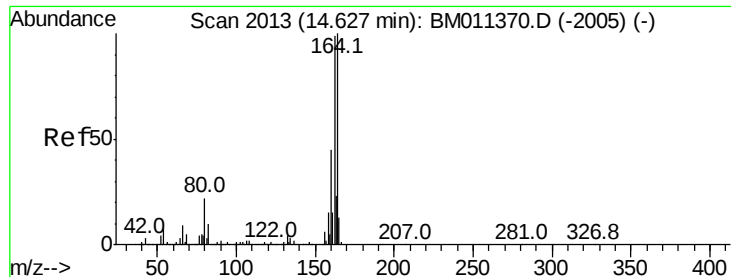
Tot Ion: 82 Resp: 3496612
 Ion Ratio Lower Upper
 82 100
 128 44.0 32.8 49.2
 54 59.4 40.6 60.8



#32
 Benzoic acid
 Concen: 6.694 ng
 RT: 9.99 min Scan# 1224
 Delta R.T. -0.11 min
 Lab File: BM011397.D
 Acq: 01 Sep 2017 06:36

Tgt Ion: 122 Resp: 4508
 Ion Ratio Lower Upper
 122 100
 105 116.3 99.9 139.9
 77 119.4 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM011397.D

Acq: 01 Sep 2017 06:36

Instrument :

BNA_M

ClientSampleId :

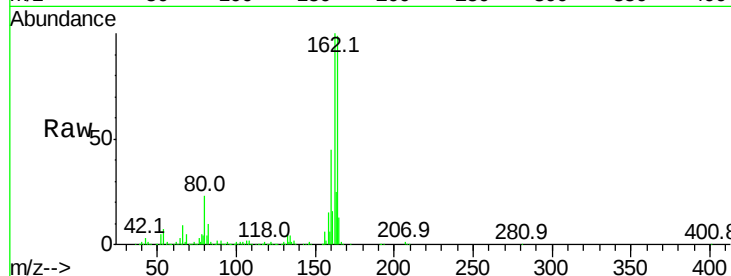
Tot Ion:164 Resp: 1295058

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

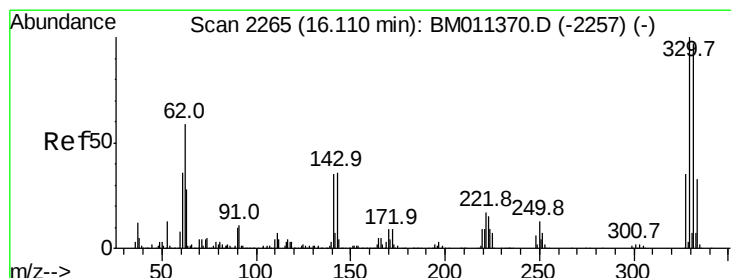
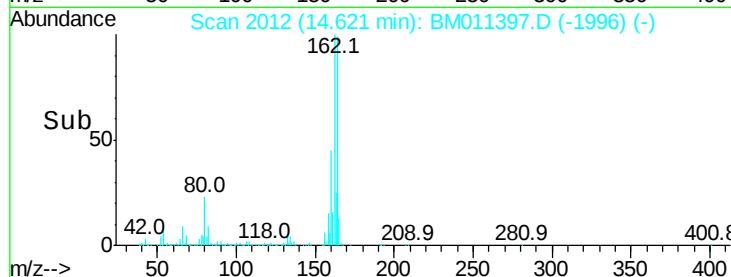
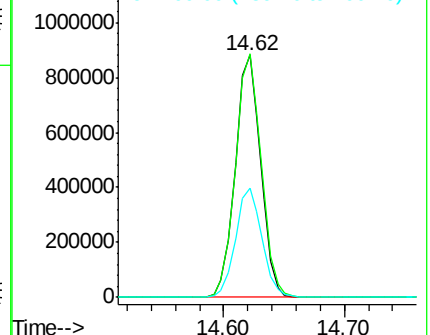
160 45.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 144.707 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011397.D

Acq: 01 Sep 2017 06:36

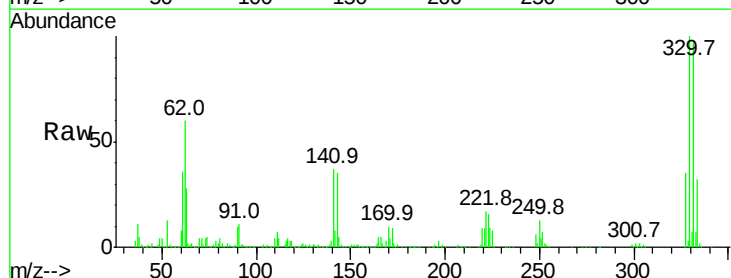
Tgt Ion:330 Resp: 2168191

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

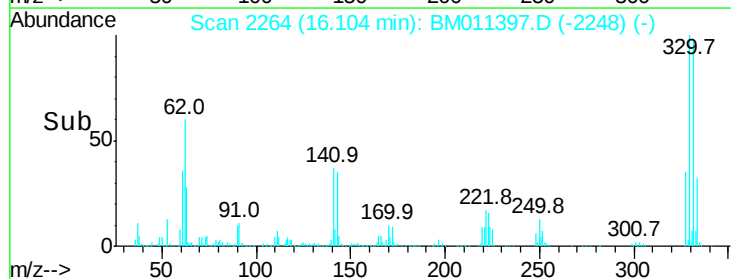
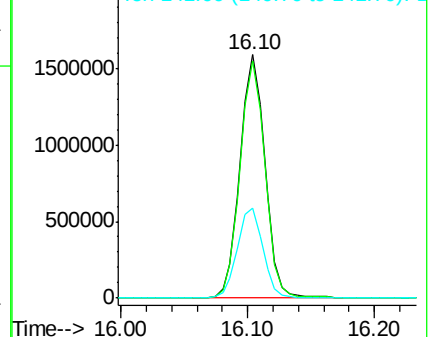
141 37.8 0.0 0.0#

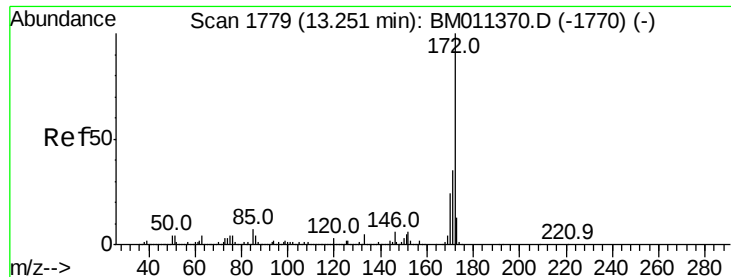


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

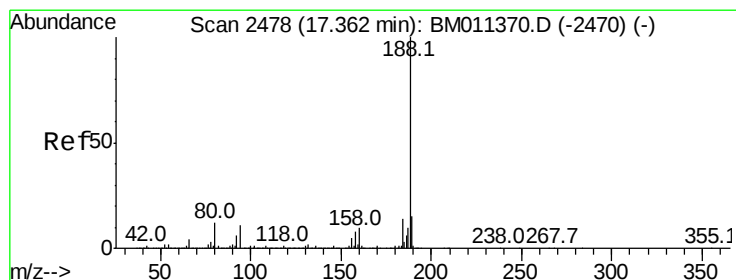
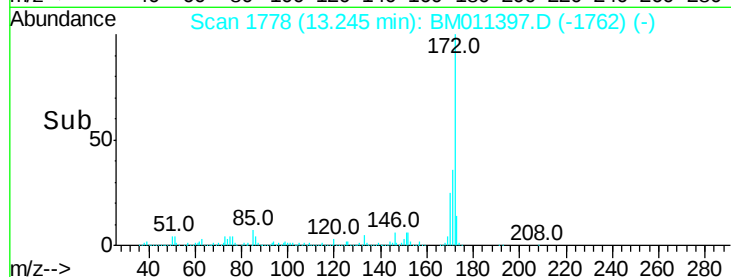
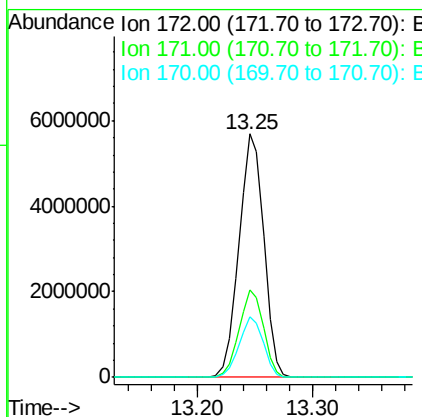
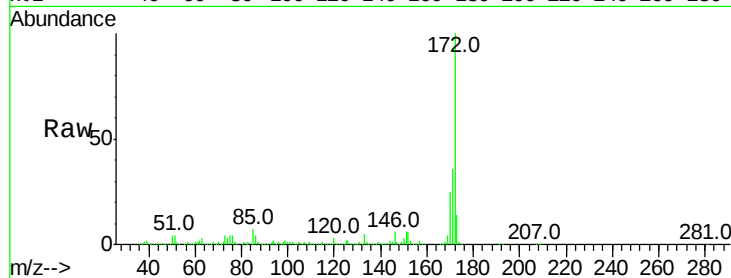




#44
2-Fluorobiphenyl
Concen: 94.033 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011397.D
Acq: 01 Sep 2017 06:36

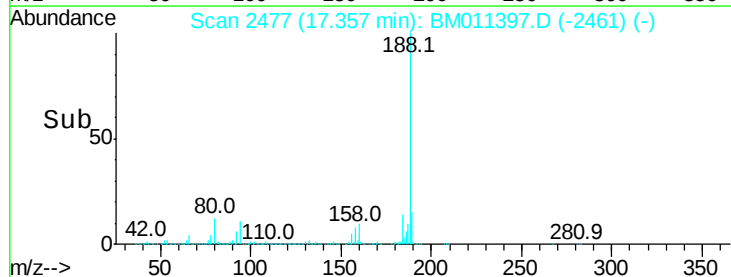
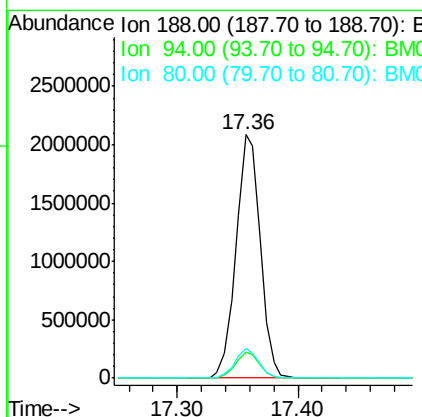
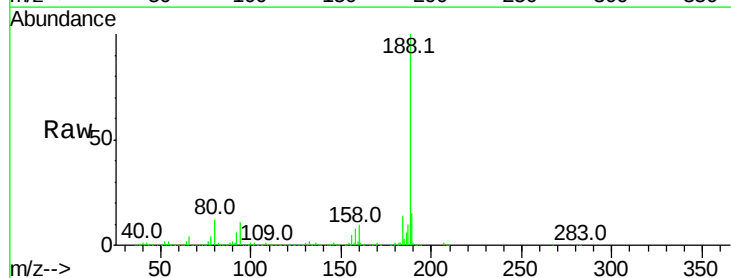
Instrument :
BNA_M
ClientSampleId :

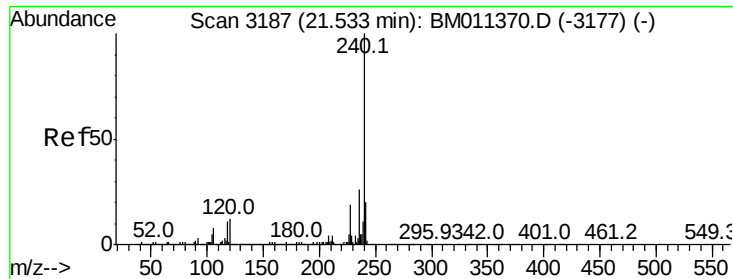
Tot Ion:172 Resp: 8448126
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.7 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011397.D
Acq: 01 Sep 2017 06:36

Tgt Ion:188 Resp: 2925043
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 12.4 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: BM011397.D

Acq: 01 Sep 2017 06:36

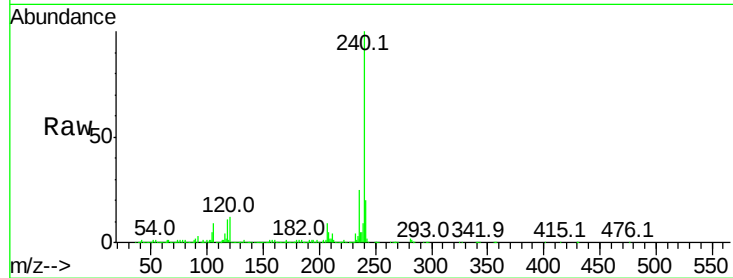
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 3347505

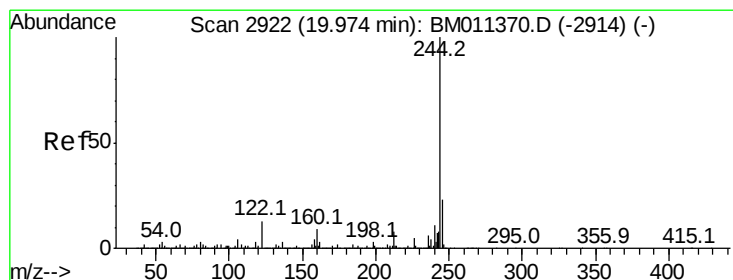
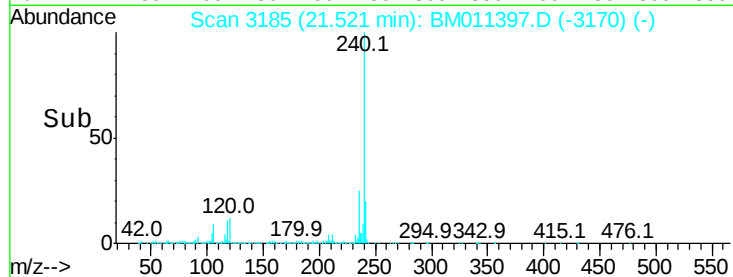
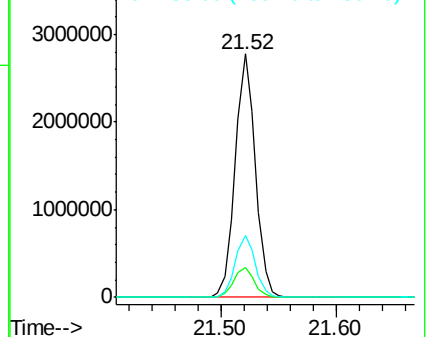
Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.2
236	25.3	20.0	30.0



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: 83.689 ng

RT: 19.97 min Scan# 2921

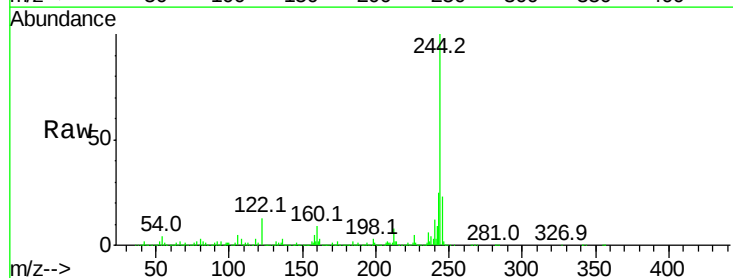
Delta R.T. -0.01 min

Lab File: BM011397.D

Acq: 01 Sep 2017 06:36

Tgt Ion:244 Resp:11290779

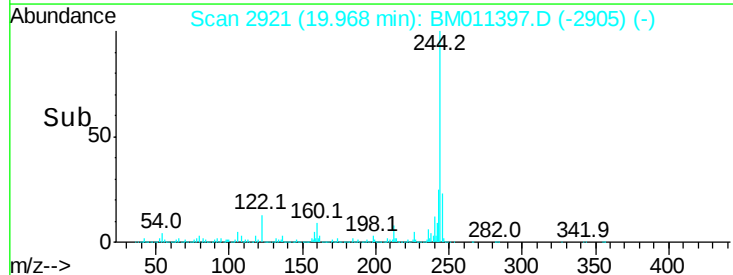
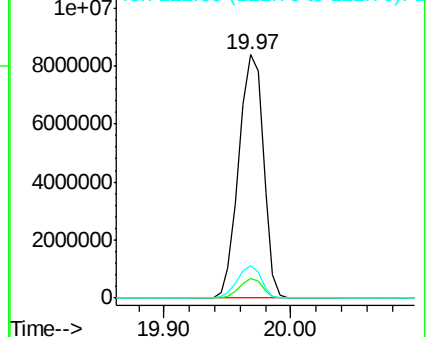
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	13.3	6.2	9.4#

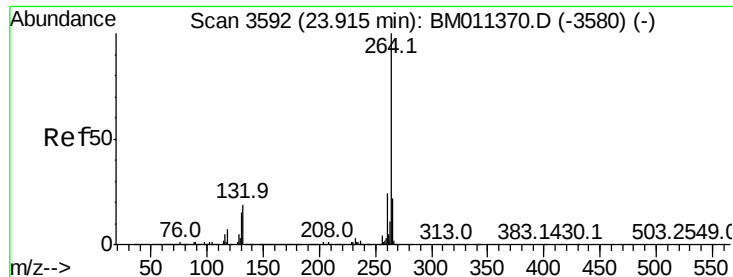


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011397.D
Acq: 01 Sep 2017 06:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 3063978

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.8	17.3	25.9

