

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011447.D
 Acq On : 06 Sep 2017 00:15
 Operator : SJ/JU
 Sample : I5093-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-B

Quant Time: Sep 06 07:52:15 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

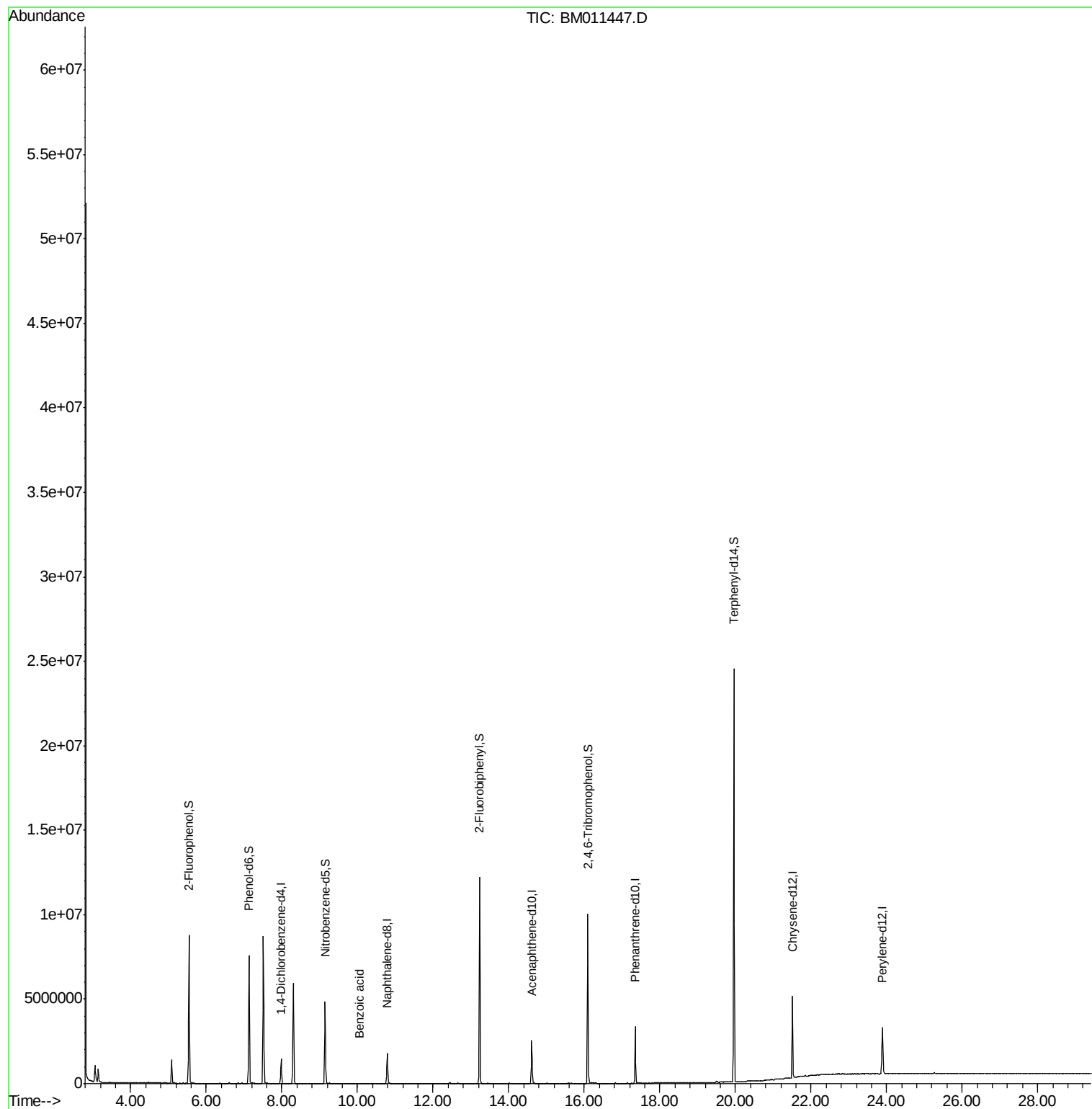
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	367568	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1468592	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	783924	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1864680	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2189342	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1952261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3295152	150.90	ng	0.00
7) Phenol-d6	7.13	99	3928168	129.73	ng	0.00
23) Nitrobenzene-d5	9.15	82	2489000	111.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1436970	158.44	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5965441	109.69	ng	-0.02
78) Terphenyl-d14	19.96	244	9356812	106.04	ng	-0.02
Target Compounds						
32) Benzoic acid	10.05	122	154	6.549	ng	Qvalue # 48

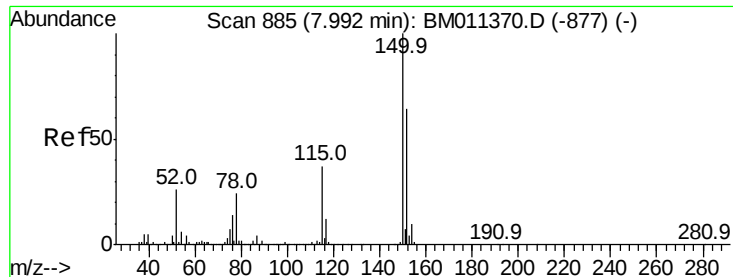
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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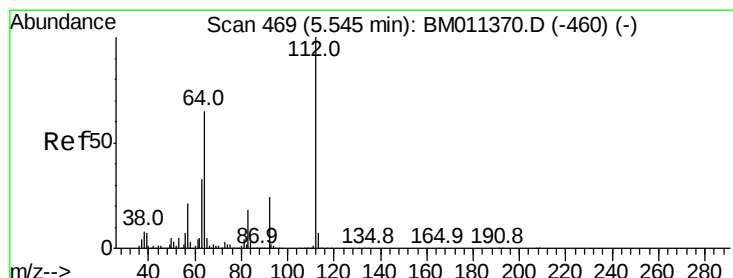
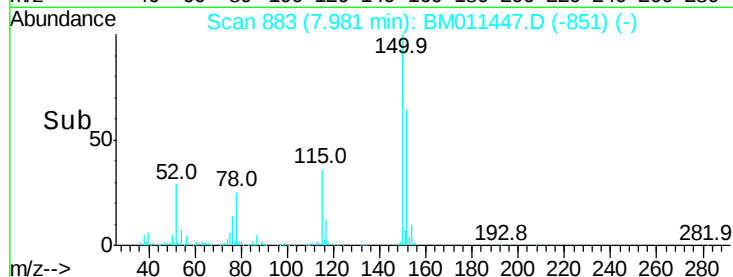
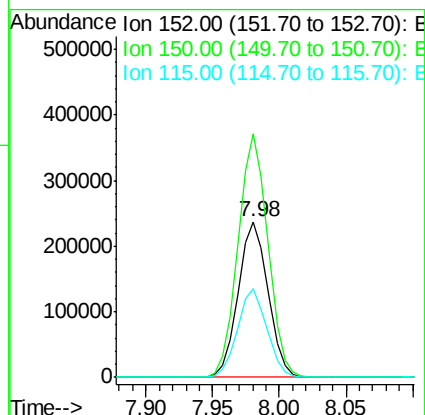
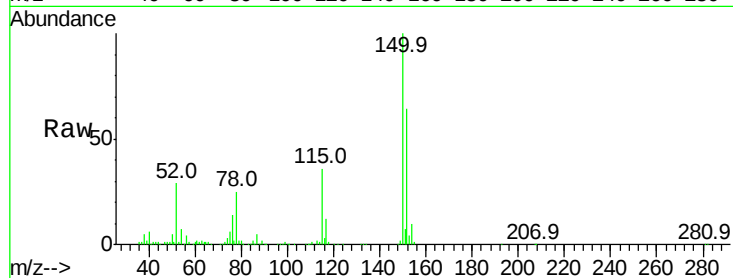


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

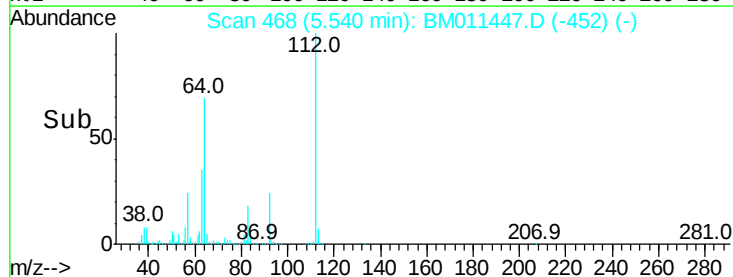
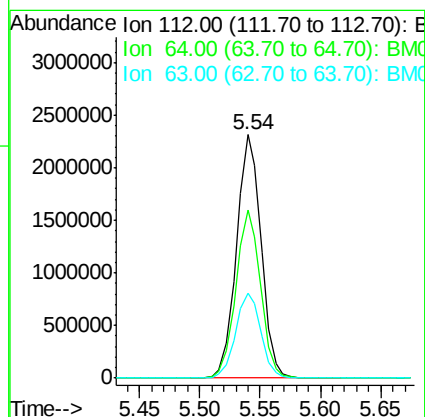
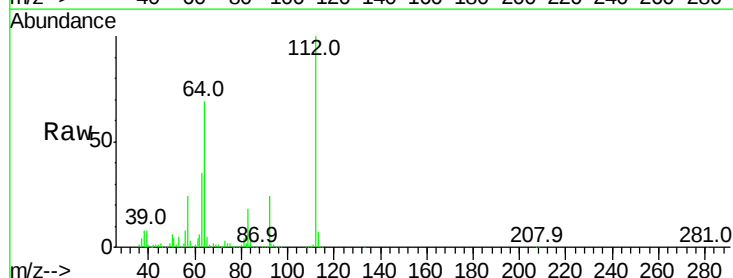
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	57.0	43.0	64.4

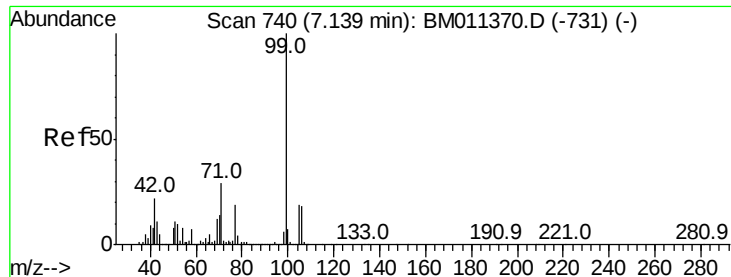


#5

2-Fluorophenol
Concen: 150.901 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	38.6	57.8#
63	35.0	19.3	28.9#





#7

Phenol-d6

Concen: 129.733 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

Instrument :

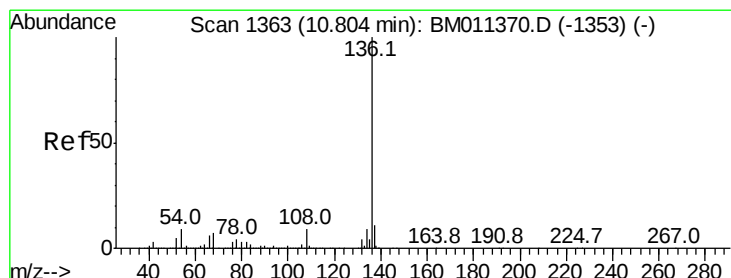
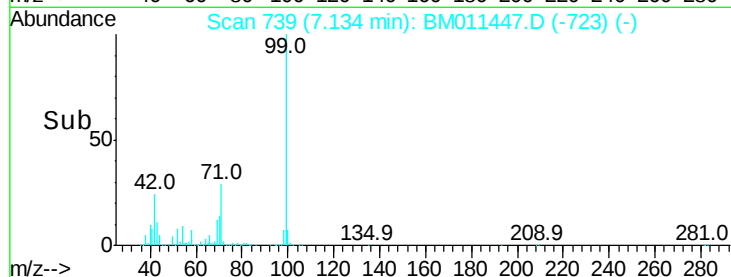
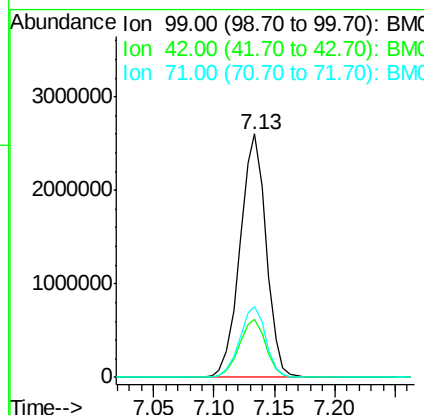
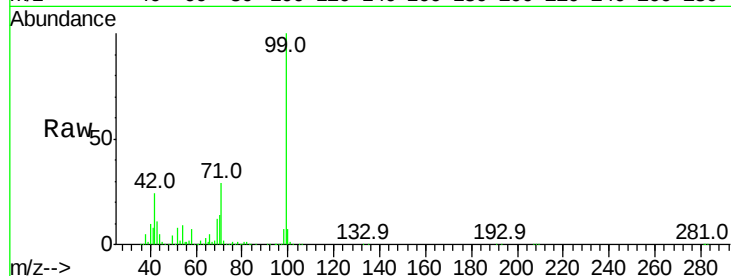
BNA_M

ClientSampleId :

AU-06-090117-B

Tot Ion: 99 Resp: 3928168

Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.0	16.4#
71	28.9	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

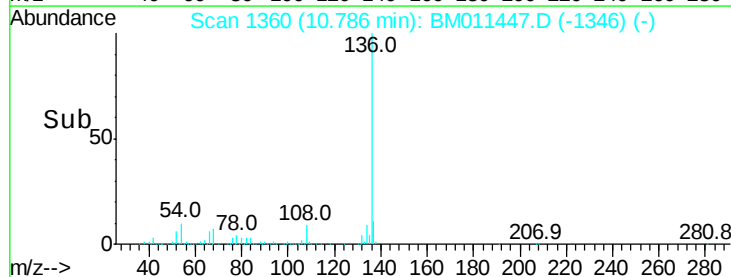
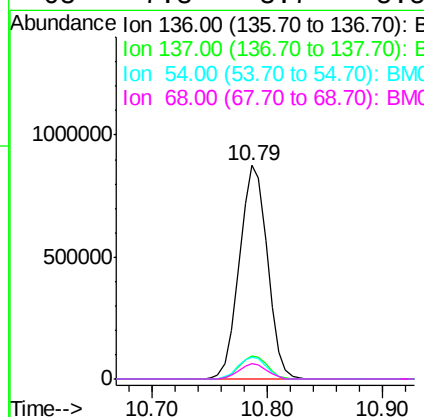
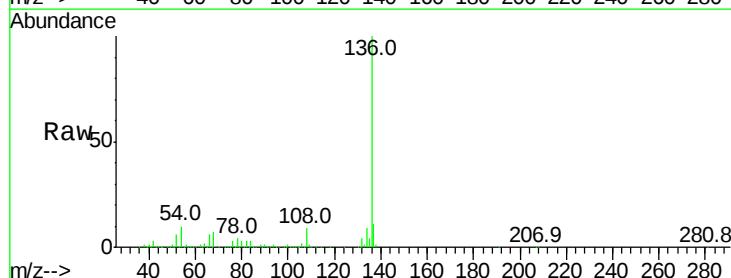
Delta R.T. -0.02 min

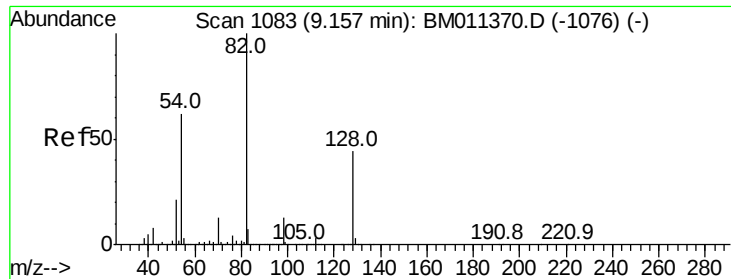
Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

Tgt Ion: 136 Resp: 1468592

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.0	4.6	6.8#
68	7.3	3.7	5.5#

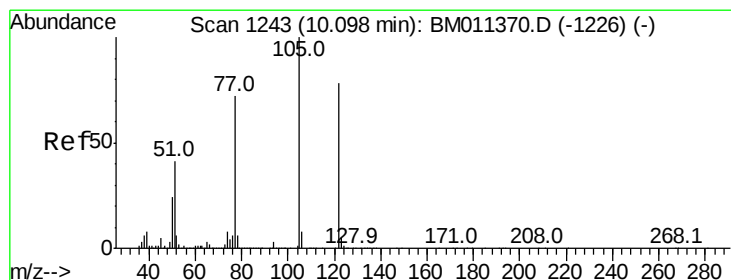
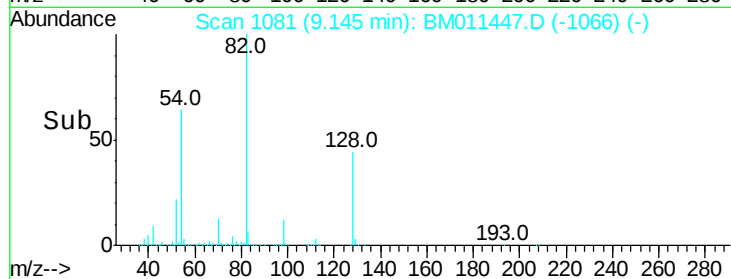
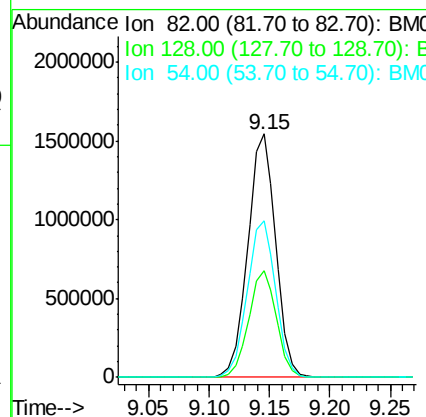
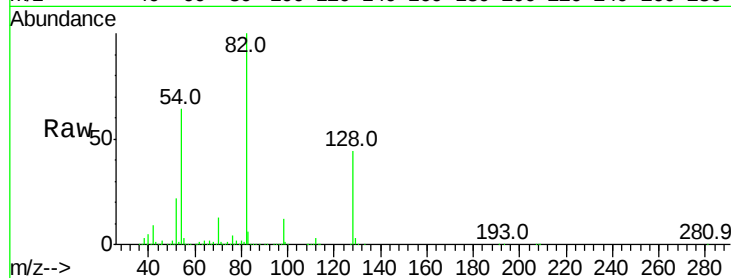




#23
 Nitrobenzene-d5
 Concen: 111.686 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011447.D
 Acq: 06 Sep 2017 00:15

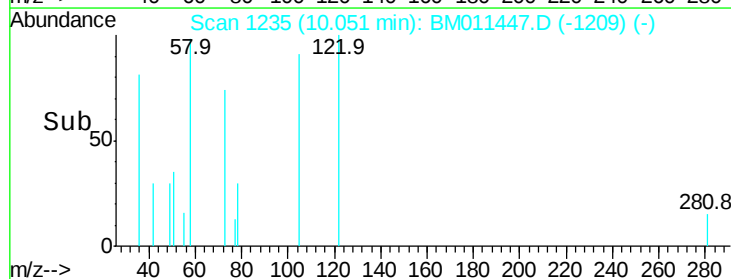
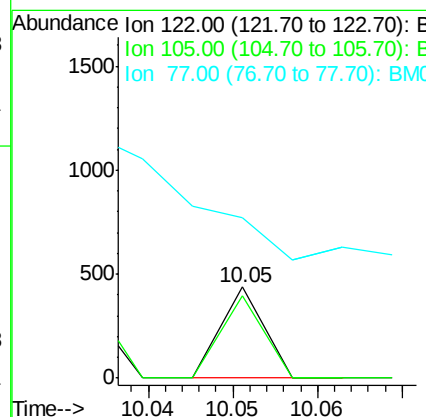
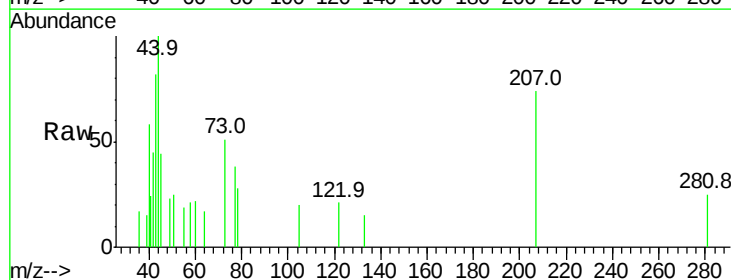
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-B

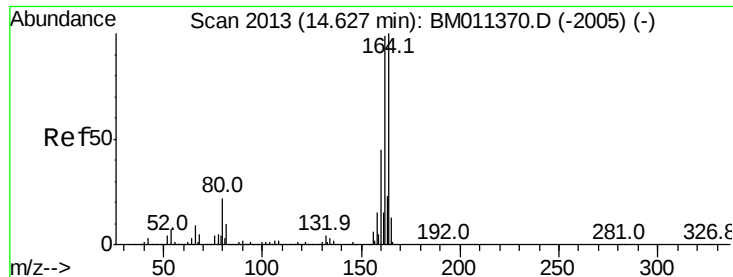
Tot Ion: 82 Resp: 2489000
 Ion Ratio Lower Upper
 82 100
 128 43.6 32.8 49.2
 54 64.5 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.549 ng
 RT: 10.05 min Scan# 1235
 Delta R.T. -0.05 min
 Lab File: BM011447.D
 Acq: 06 Sep 2017 00:15

Tgt Ion: 122 Resp: 154
 Ion Ratio Lower Upper
 122 100
 105 91.1 99.9 139.9#
 77 176.9 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-B

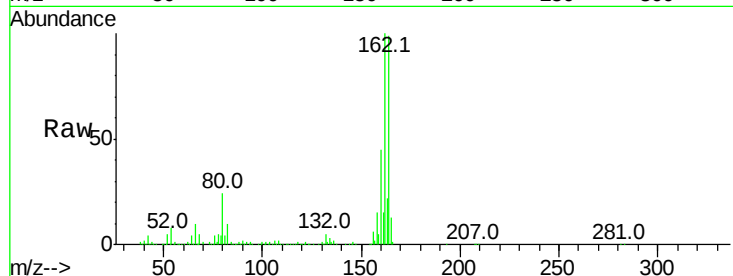
Tot Ion:164 Resp: 783924

Ion Ratio Lower Upper

164 100

162 101.1 82.4 123.6

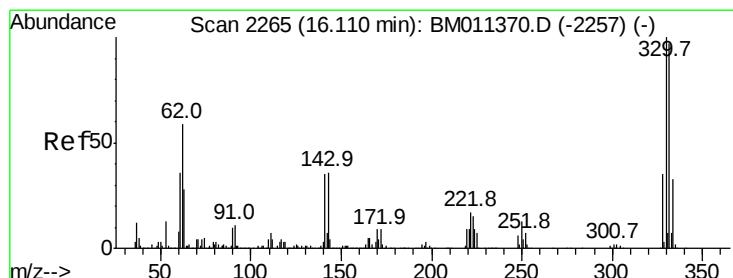
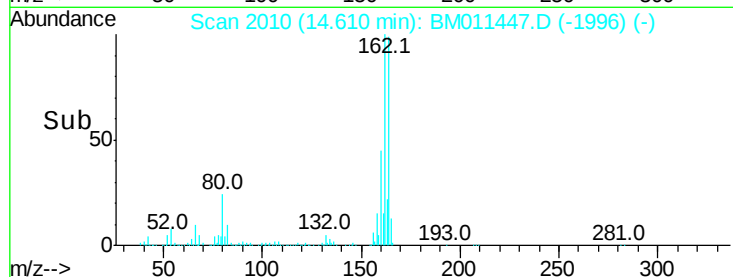
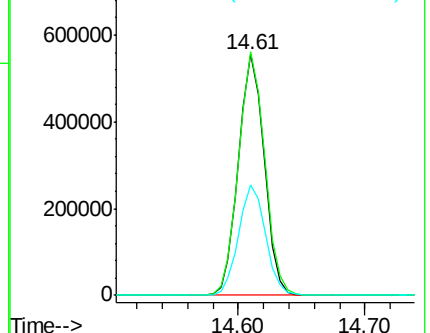
160 45.9 35.8 53.6



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: 158.437 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

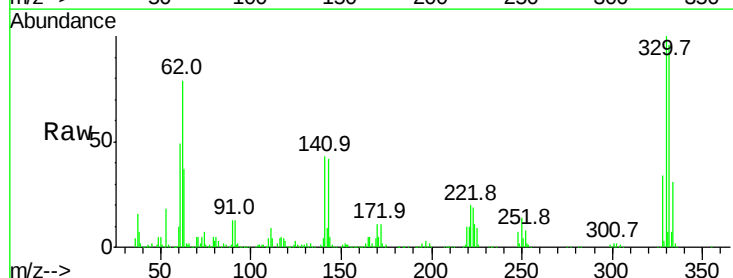
Tgt Ion:330 Resp: 1436970

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

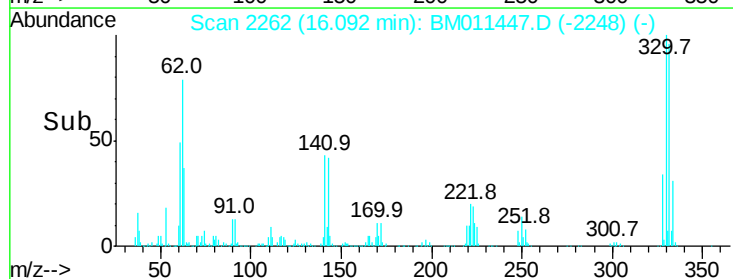
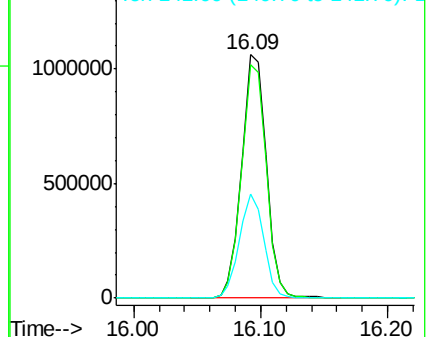
141 42.3 0.0 0.0#

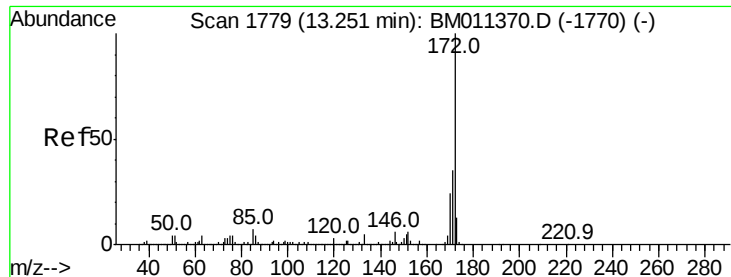


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



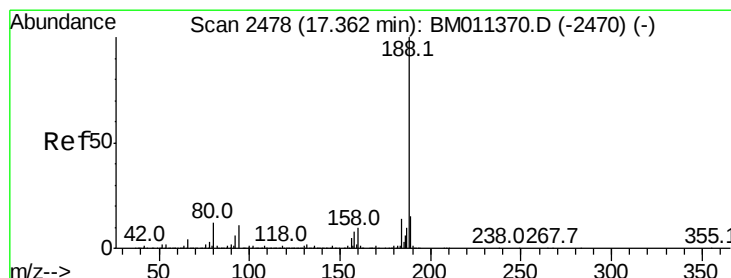
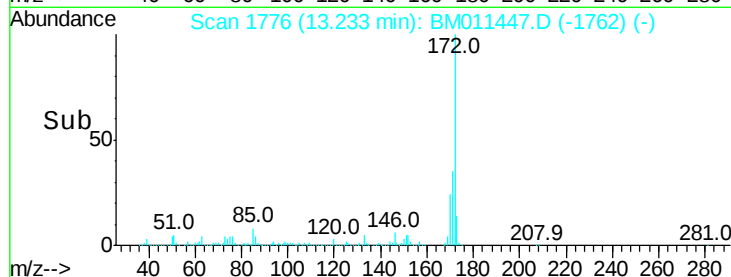
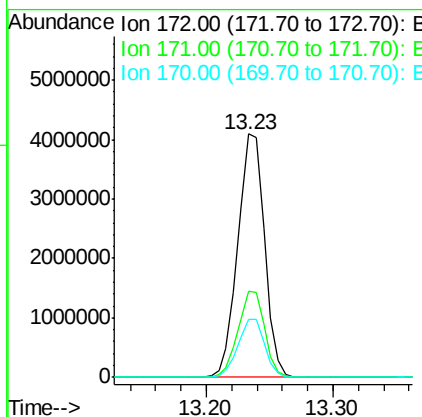
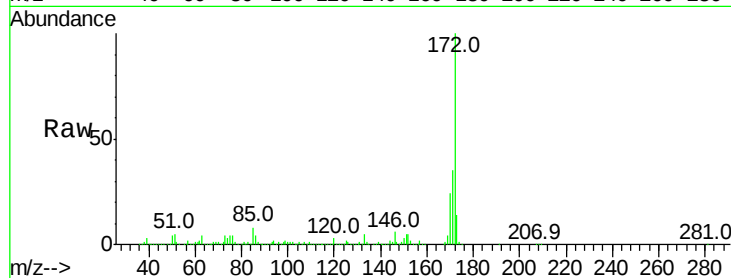


#44
 2-Fluorobiphenyl
 Concen: 109.693 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011447.D
 Acq: 06 Sep 2017 00:15

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-B

Tot Ion:172 Resp: 5965441

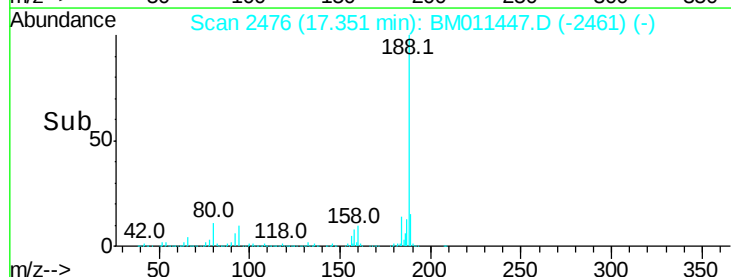
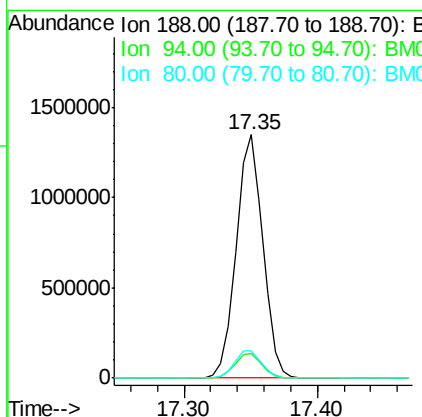
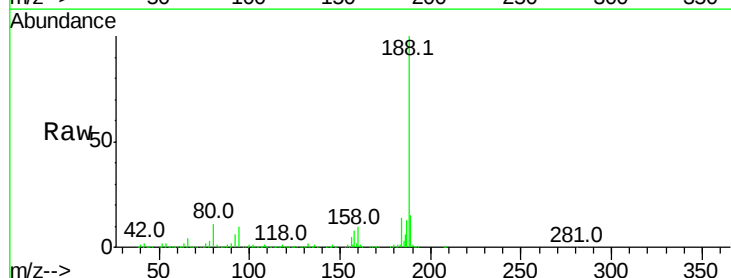
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	18.8	28.2

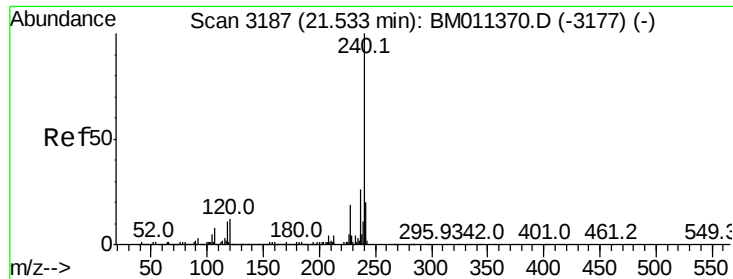


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011447.D
 Acq: 06 Sep 2017 00:15

Tgt Ion:188 Resp: 1864680

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.2	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-B

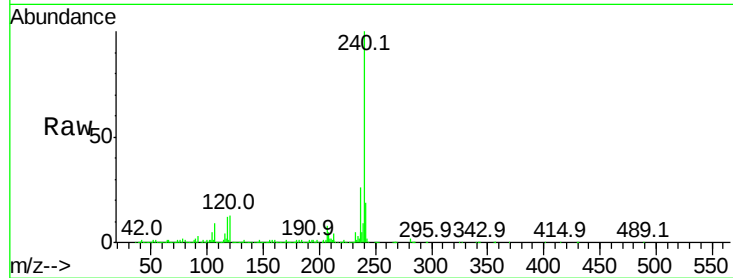
Tot Ion:240 Resp: 2189342

Ion Ratio Lower Upper

240 100

120 13.3 8.2 12.2#

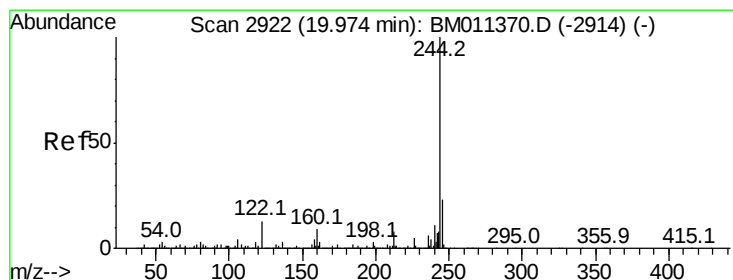
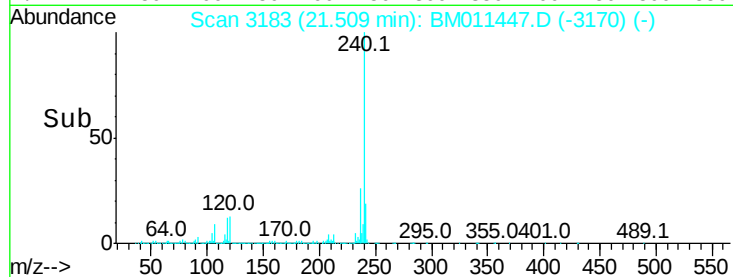
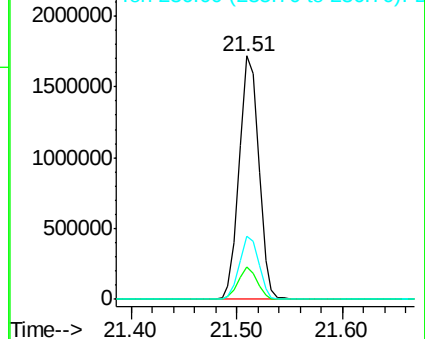
236 25.8 20.0 30.0



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: 106.042 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011447.D

Acq: 06 Sep 2017 00:15

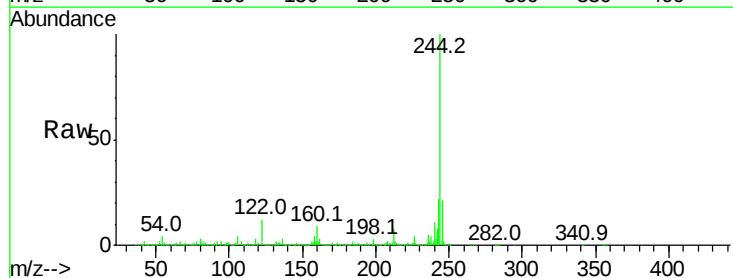
Tgt Ion:244 Resp: 9356812

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

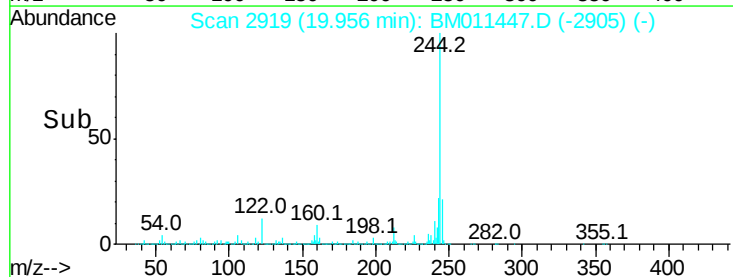
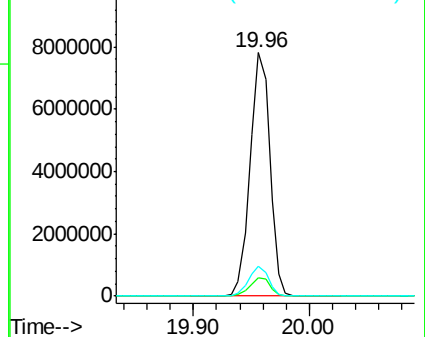
122 12.2 6.2 9.4#

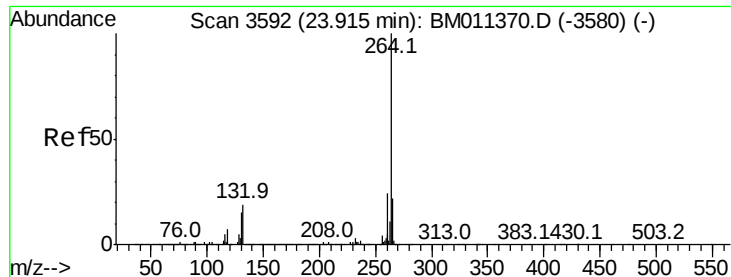


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.89 min Scan# 3588
 Delta R.T. -0.02 min
 Lab File: BM011447.D
 Acq: 06 Sep 2017 00:15

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-B

Tot Ion: 264 Resp: 1952261
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.9 17.3 25.9

