

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011448.D
 Acq On : 06 Sep 2017 00:51
 Operator : SJ/JU
 Sample : I5093-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 06 08:49:52 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

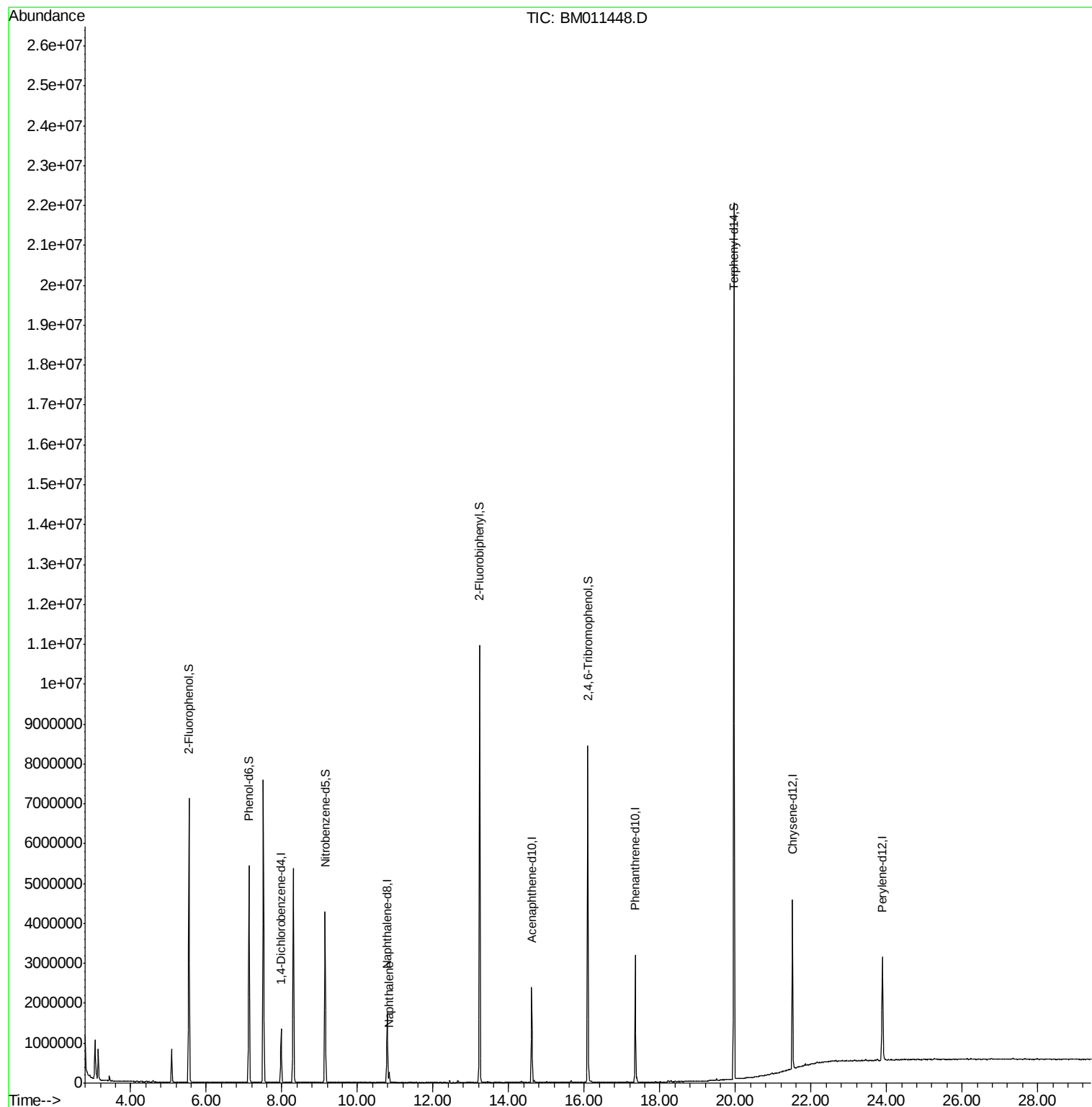
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	355680	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1414490	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	752709	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1801170	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2052911	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1811957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2662346	126.00	ng	0.00
7) Phenol-d6	7.13	99	2945862	100.54	ng	-0.01
23) Nitrobenzene-d5	9.15	82	2209181	102.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1261514	144.86	ng	-0.01
44) 2-Fluorobiphenyl	13.23	172	5338133	102.23	ng	-0.02
78) Terphenyl-d14	19.96	244	8456549	102.21	ng	-0.02
Target Compounds						
31) Naphthalene	10.84	128	213277	2.793	ng	Qvalue 99

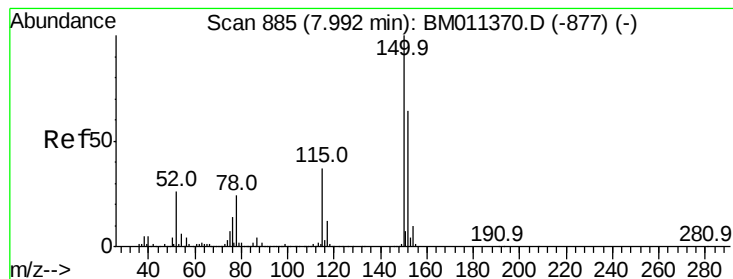
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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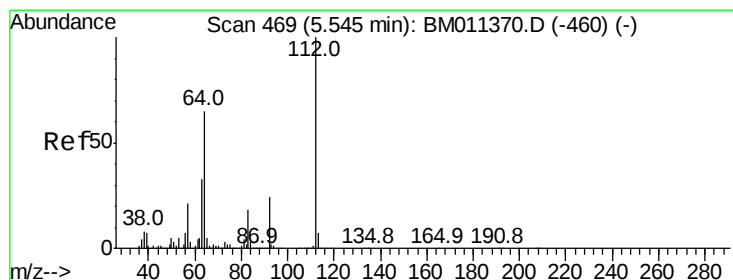
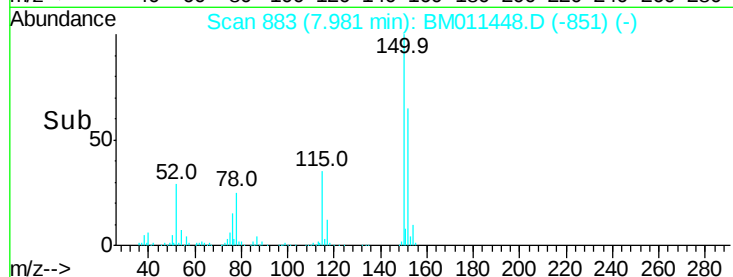
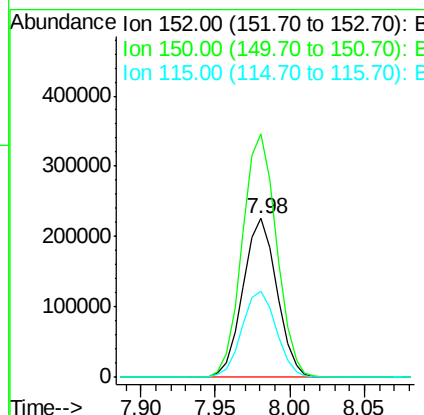
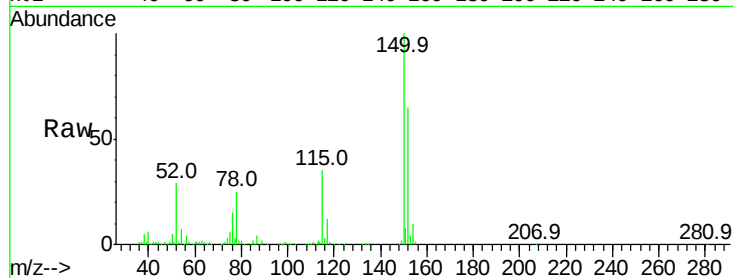


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

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

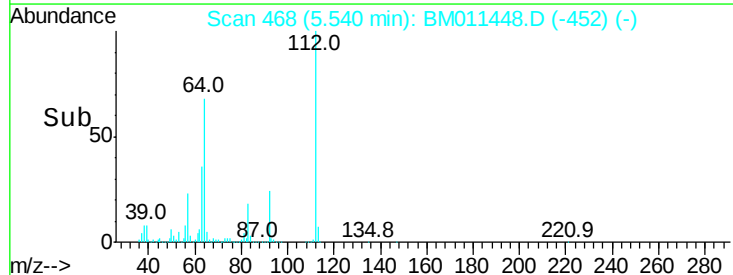
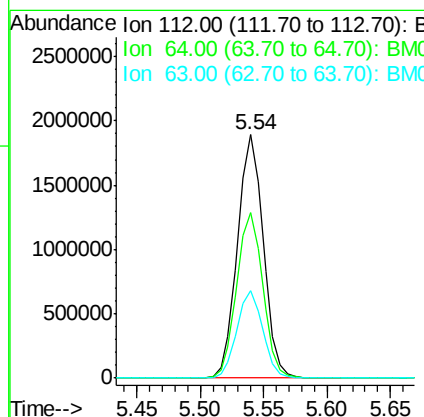
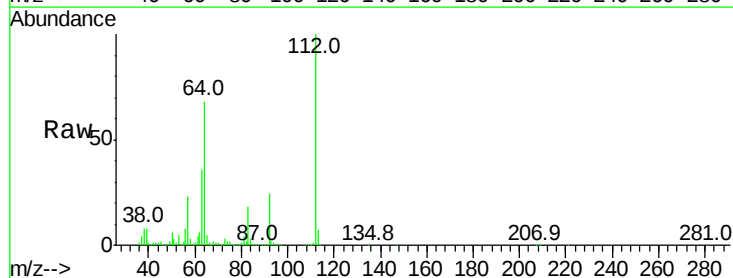
Tot Ion:152 Resp: 355680
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 54.4 43.0 64.4

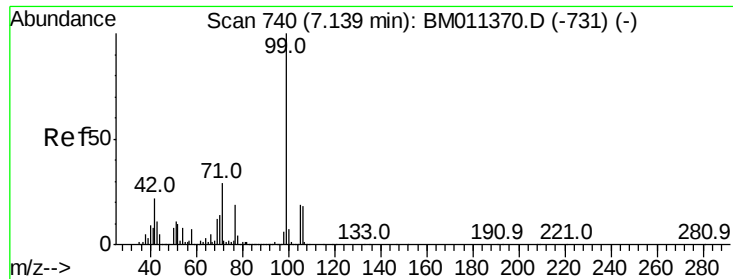


#5

2-Fluorophenol
Concen: 125.997 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Tgt Ion:112 Resp: 2662346
Ion Ratio Lower Upper
112 100
64 68.2 38.6 57.8#
63 35.9 19.3 28.9#





#7

Phenol-d6

Concen: 100.543 ng

RT: 7.13 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

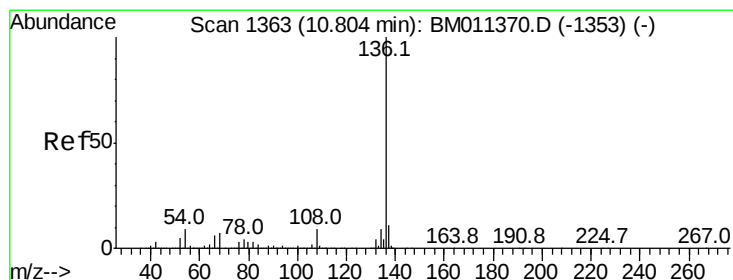
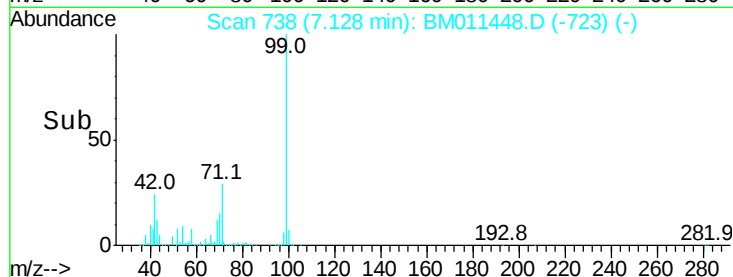
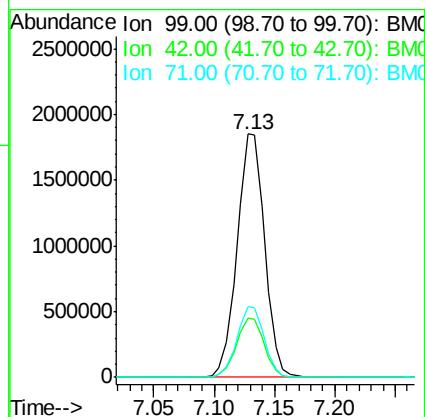
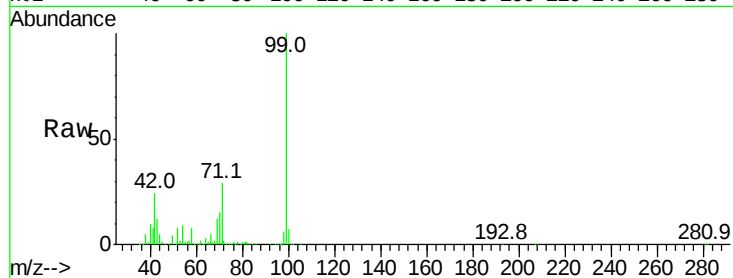
BNA_M

ClientSampleId :

AU-06-090117-C

Tot Ion: 99 Resp: 2945862

Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.0	16.4#
71	29.0	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

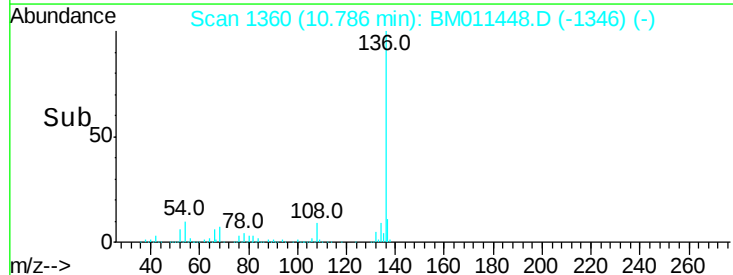
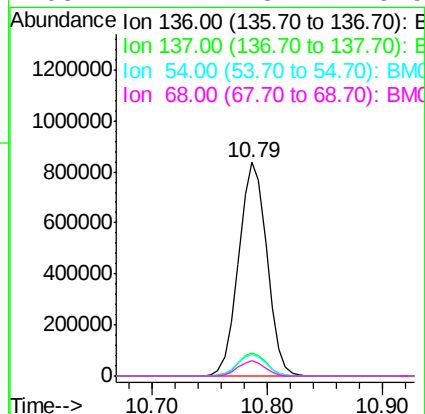
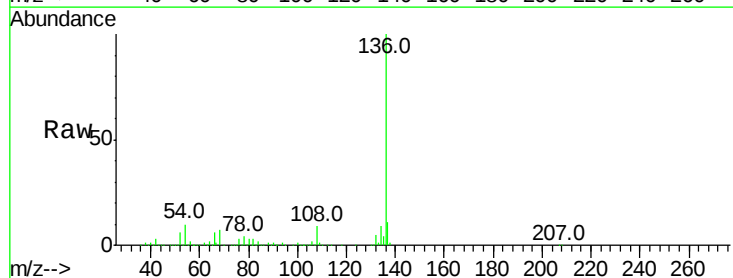
Delta R.T. -0.02 min

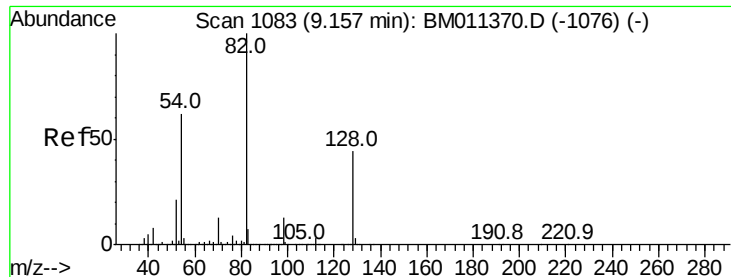
Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Tgt Ion: 136 Resp: 1414490

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.5	4.6	6.8#
68	7.1	3.7	5.5#

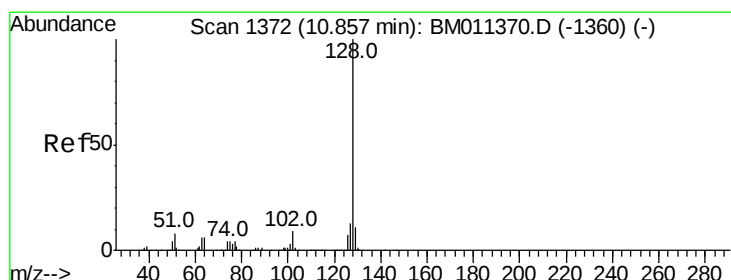
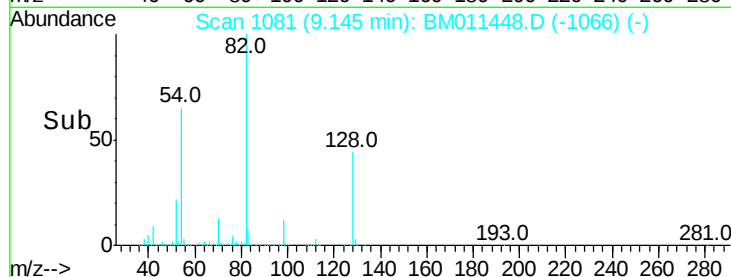
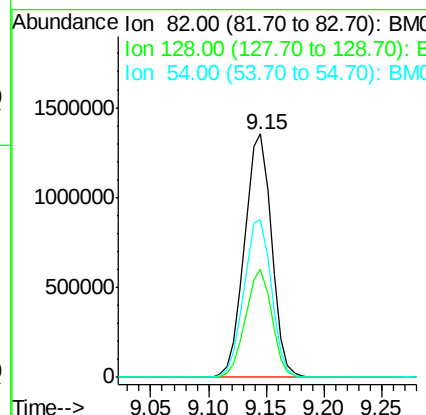
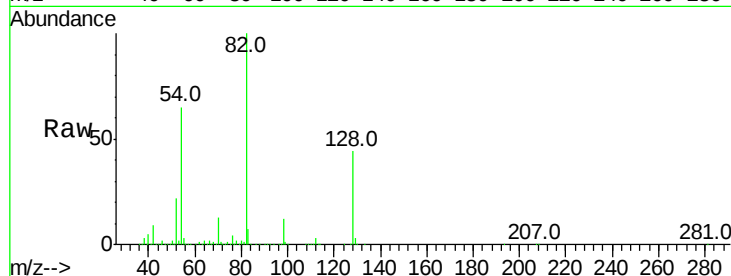




#23
Nitrobenzene-d5
Concen: 102.921 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

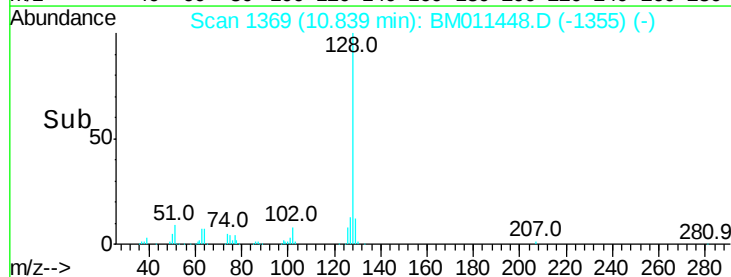
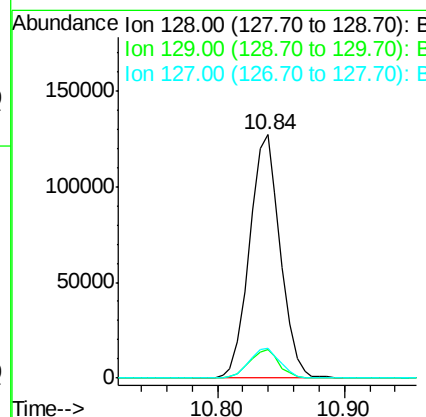
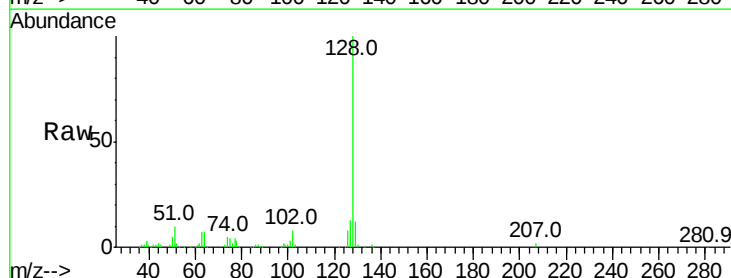
Instrument :
BNA_M
ClientSampleId :
AU-06-090117-C

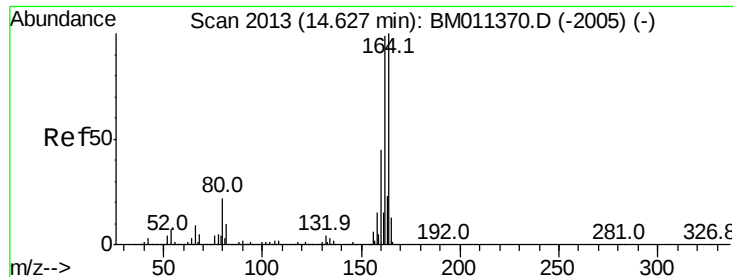
Tot Ion: 82 Resp: 2209181
Ion Ratio Lower Upper
82 100
128 44.1 32.8 49.2
54 64.7 40.6 60.8#



#31
Naphthalene
Concen: 2.793 ng
RT: 10.84 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

Tgt Ion: 128 Resp: 213277
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.5 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

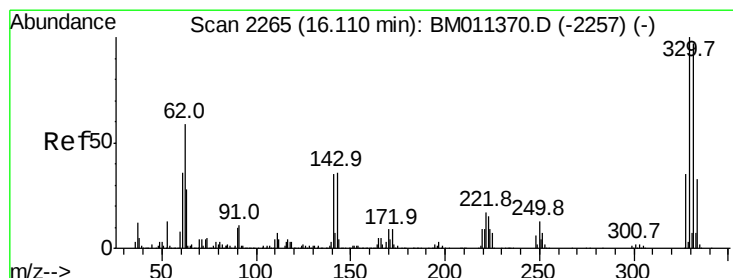
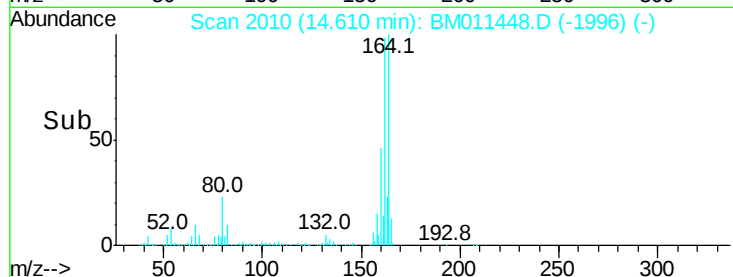
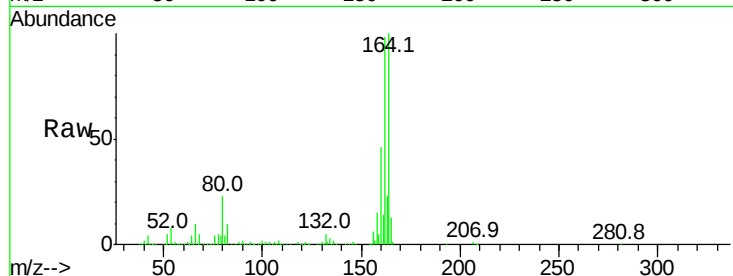
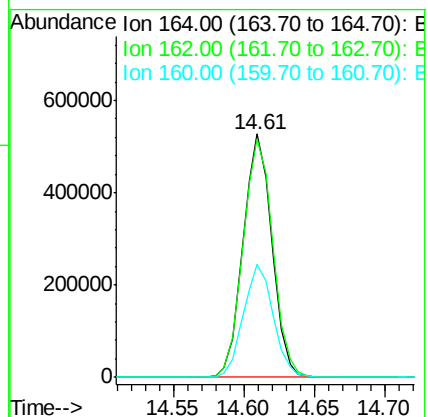
BNA_M

ClientSampleId :

AU-06-090117-C

Tot Ion:164 Resp: 752709

Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.4	123.6
160	46.3	35.8	53.6



#41

2,4,6-Tribromophenol

Concen: 144.860 ng

RT: 16.10 min Scan# 2263

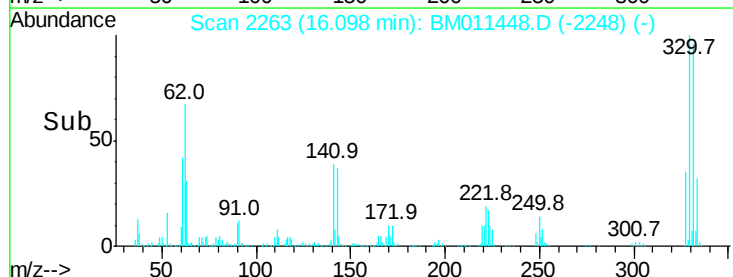
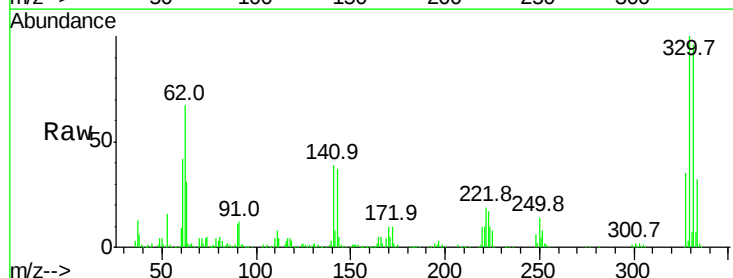
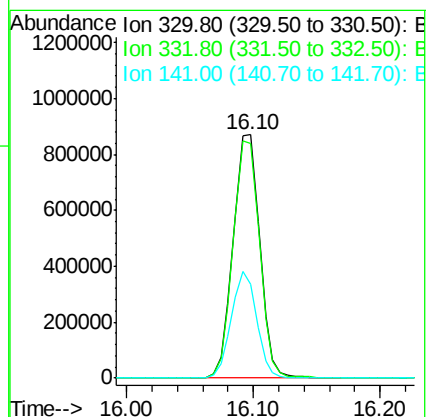
Delta R.T. -0.01 min

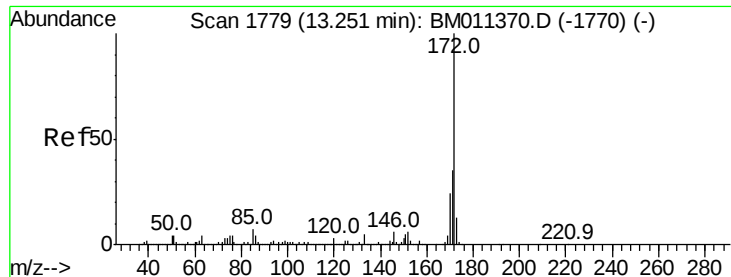
Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Tgt Ion:330 Resp: 1261514

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	42.0	0.0	0.0#





#44

2-Fluorobiphenyl

Concen: 102.228 ng

RT: 13.23 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

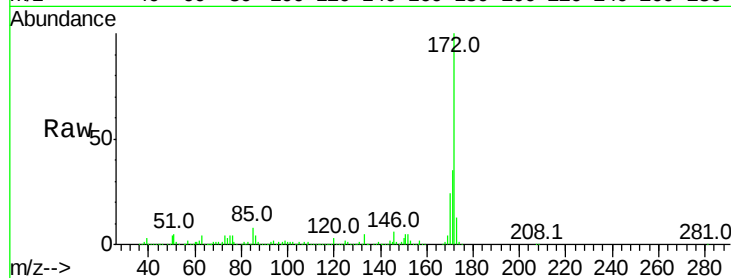
BNA_M

ClientSampleId :

AU-06-090117-C

Tot Ion:172 Resp: 5338133

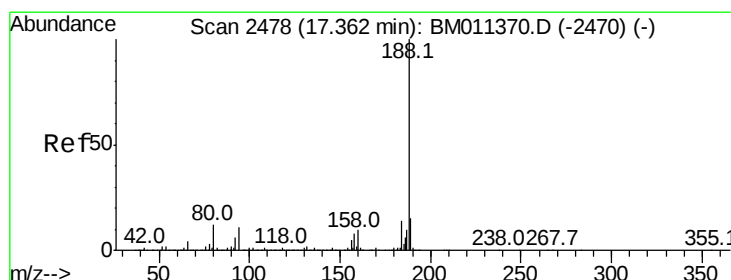
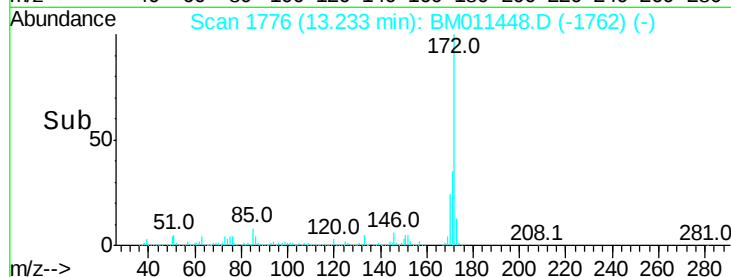
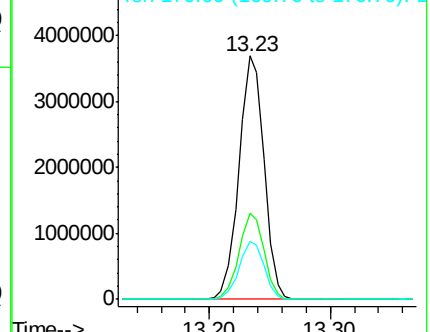
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.9	18.8	28.2



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: 17.35 min Scan# 2476

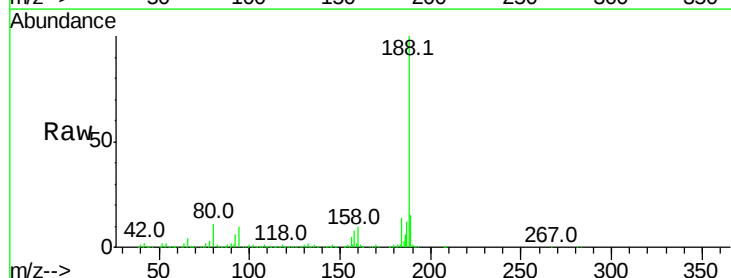
Delta R.T. -0.01 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Tgt Ion:188 Resp: 1801170

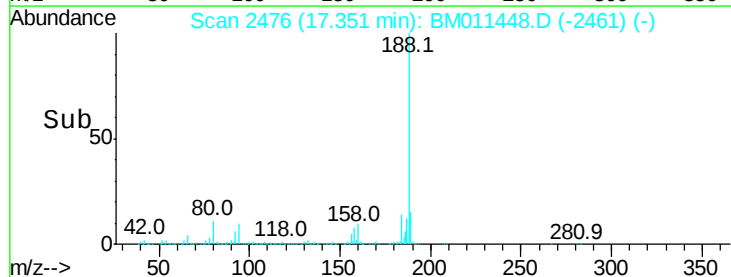
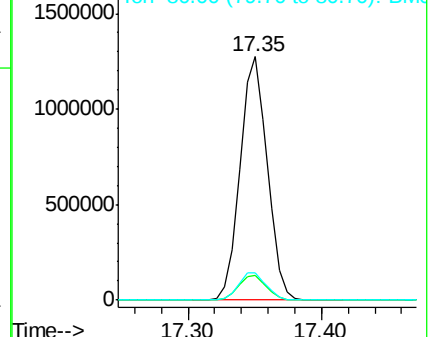
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	11.4	9.3	13.9

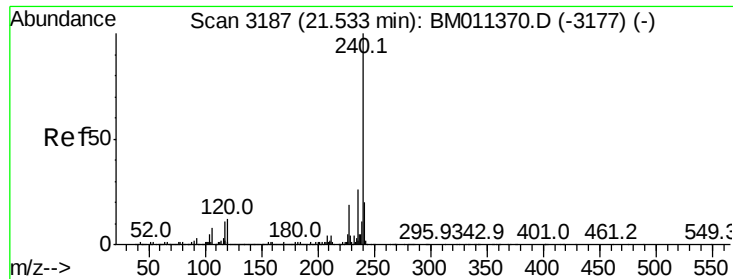


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-C

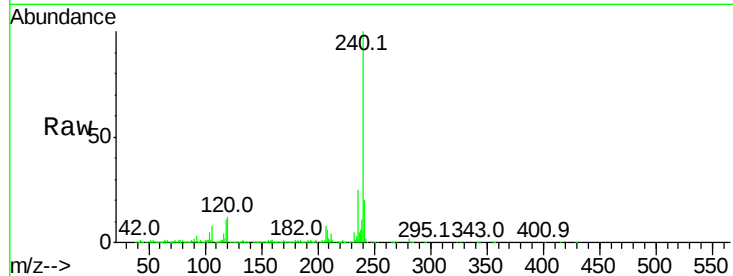
Tot Ion:240 Resp: 2052911

Ion Ratio Lower Upper

240 100

120 12.3 8.2 12.2#

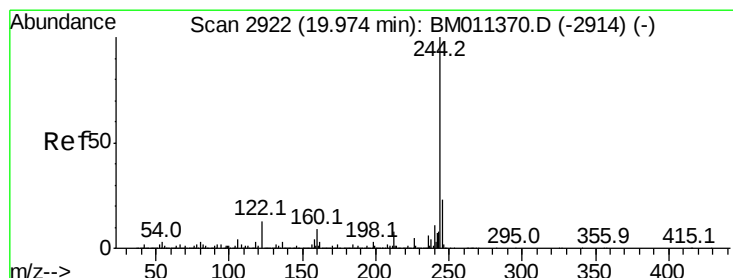
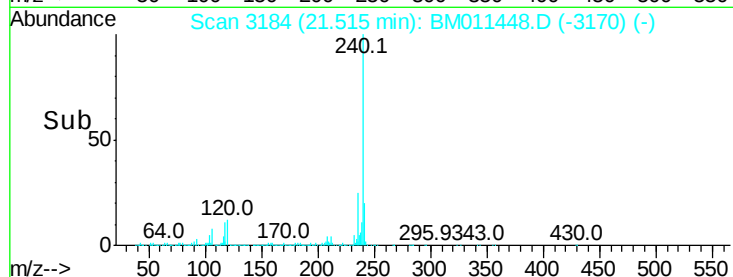
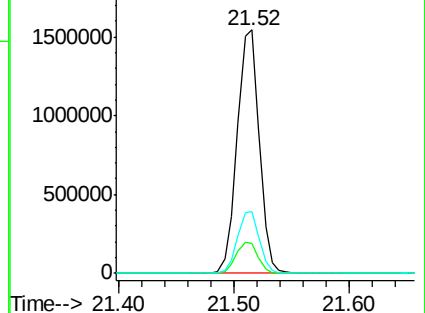
236 25.3 20.0 30.0



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: 102.209 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011448.D

Acq: 06 Sep 2017 00:51

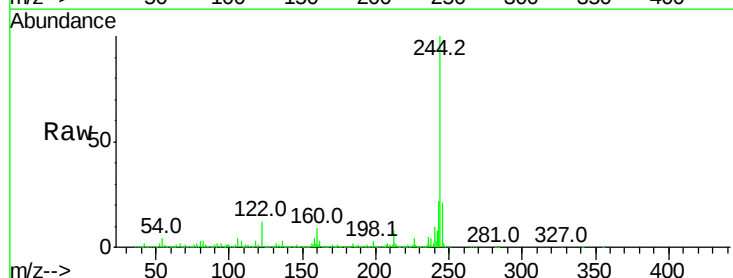
Tgt Ion:244 Resp: 8456549

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

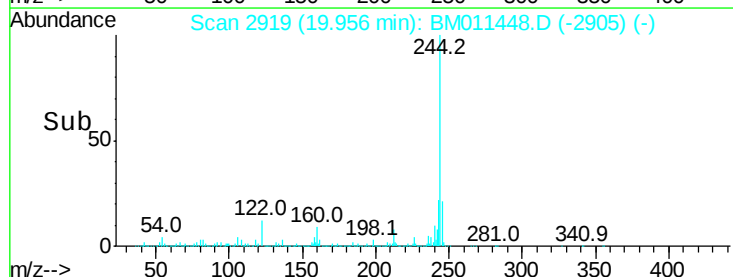
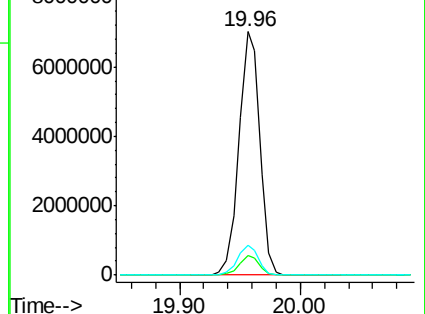
122 12.5 6.2 9.4#

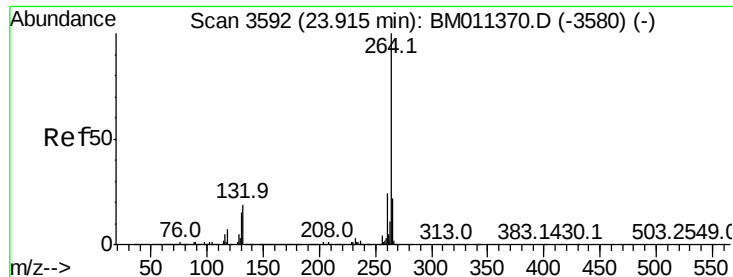


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BM011448.D
Acq: 06 Sep 2017 00:51

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

Tot Ion: 264 Resp: 1811957

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.3	25.9

