

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011422.D
 Acq On : 02 Sep 2017 19:07
 Operator : SJ/JU
 Sample : I5055-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Quant Time: Sep 04 03:02:54 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

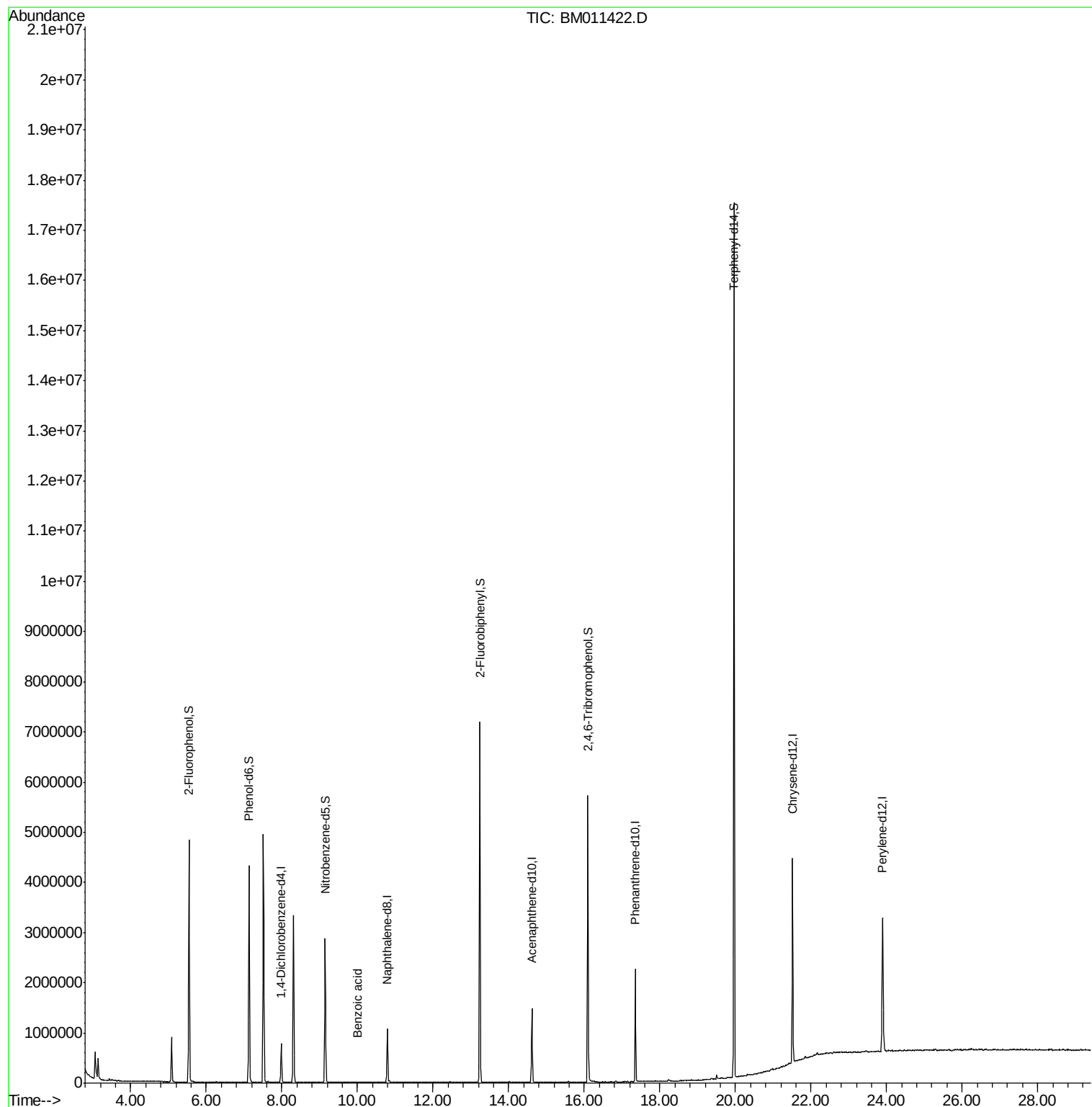
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	210814	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	860469	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	477152	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1226484	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	1830402	20.00	ng	-0.02
86) Perylene-d12	23.90	264	1958233	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1926626	153.83	ng	0.00
7) Phenol-d6	7.13	99	2274191	130.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	1422445	108.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	864052	156.52	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	3544006	107.06	ng	-0.01
78) Terphenyl-d14	19.96	244	6692296	90.72	ng	-0.01
Target Compounds						
32) Benzoic acid	10.02	122	125	6.552	ng	Qvalue # 1

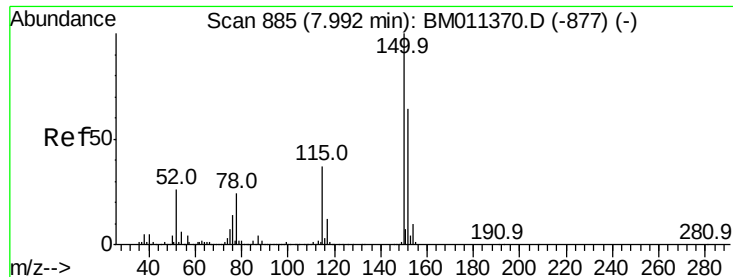
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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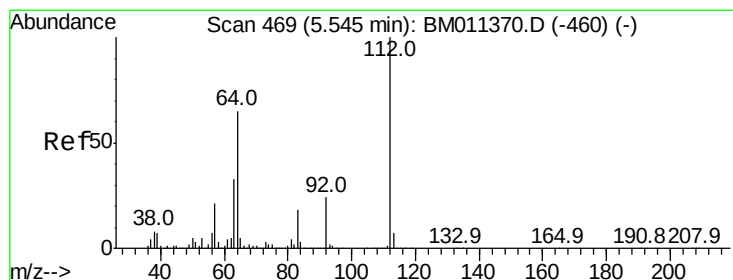
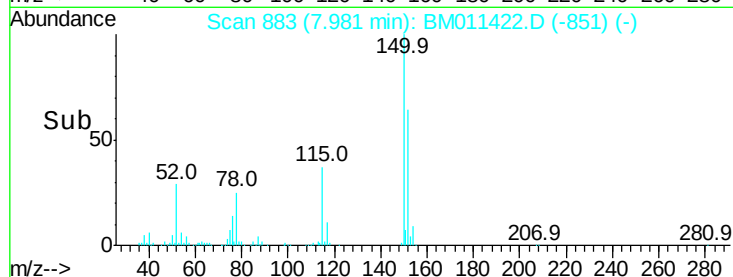
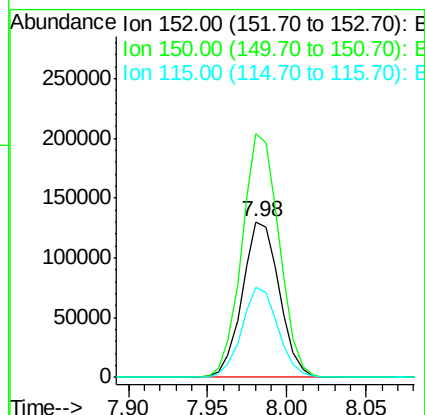
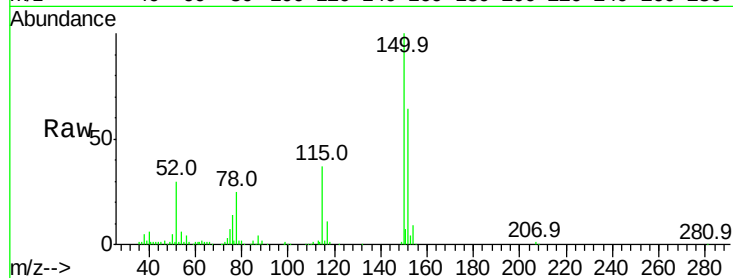


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

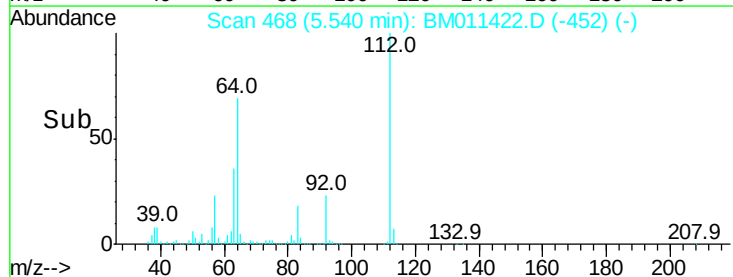
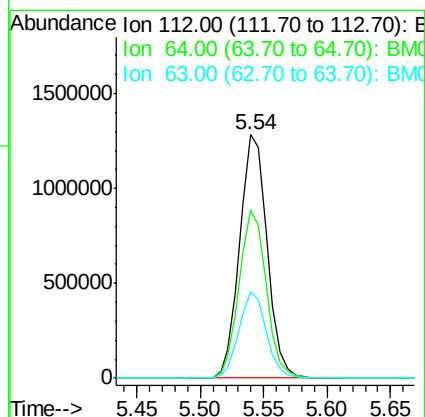
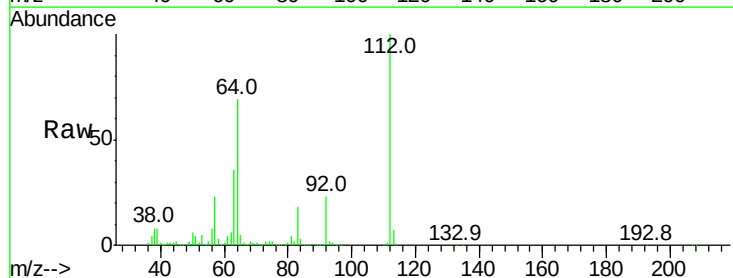
Tot Ion:152 Resp: 210814
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 57.7 43.0 64.4

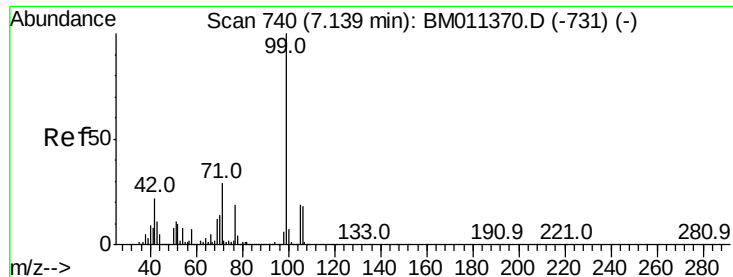


#5

2-Fluorophenol
Concen: 153.834 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Tgt Ion:112 Resp: 1926626
Ion Ratio Lower Upper
112 100
64 69.3 38.6 57.8#
63 35.5 19.3 28.9#





#7

Phenol-d6

Concen: 130.956 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

Instrument :

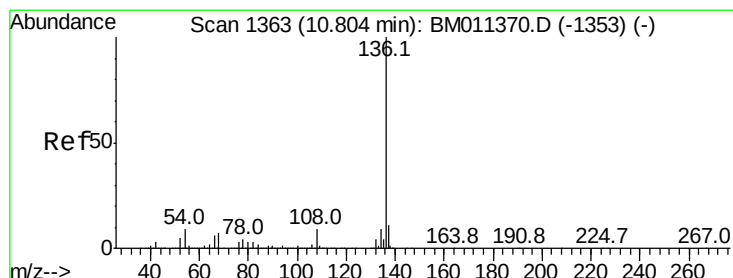
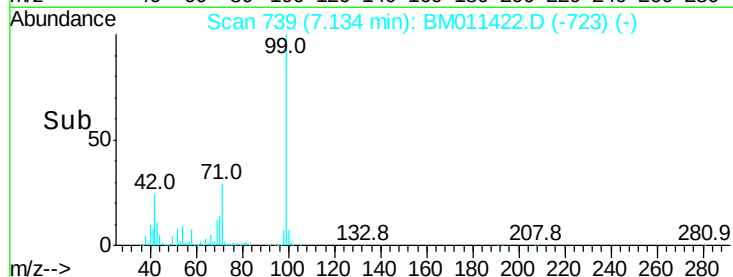
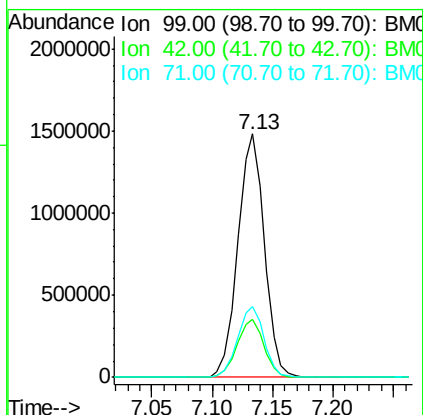
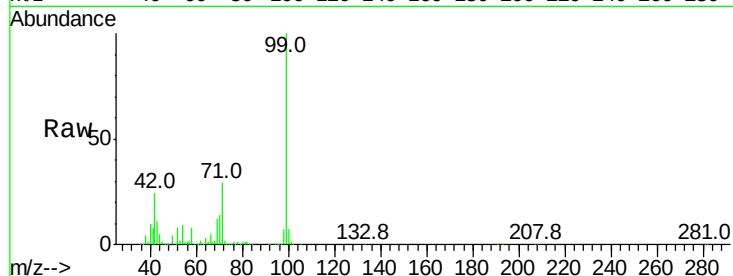
BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

Tot Ion: 99 Resp: 2274191

Ion	Ratio	Lower	Upper
99	100		
42	23.6	11.0	16.4#
71	29.1	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

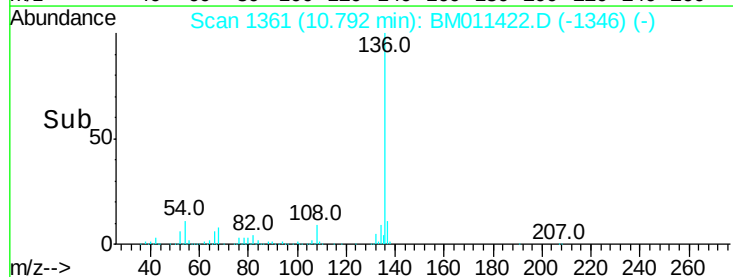
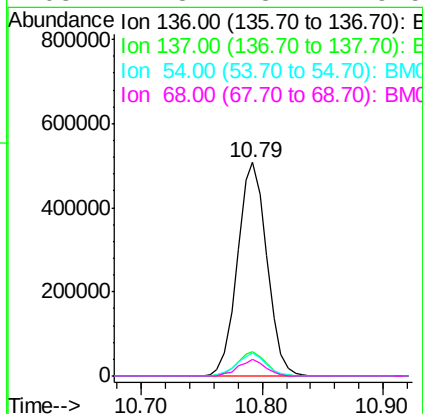
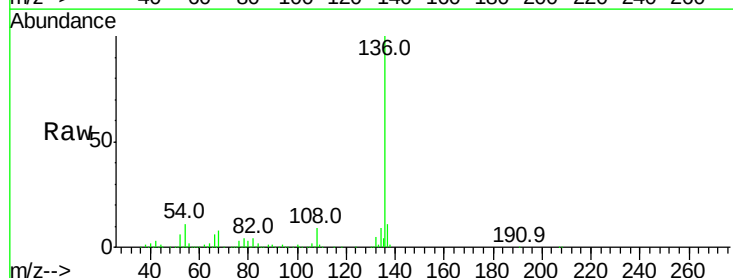
Delta R.T. -0.01 min

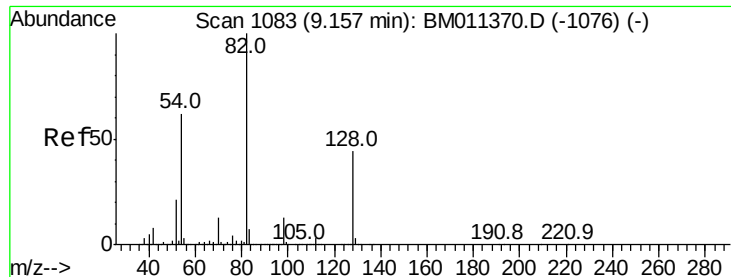
Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

Tgt Ion: 136 Resp: 860469

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	4.6	6.8#
68	7.8	3.7	5.5#

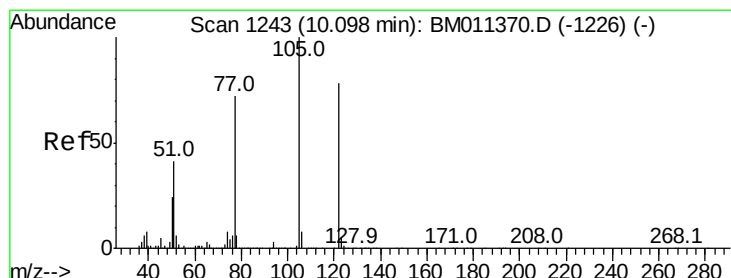
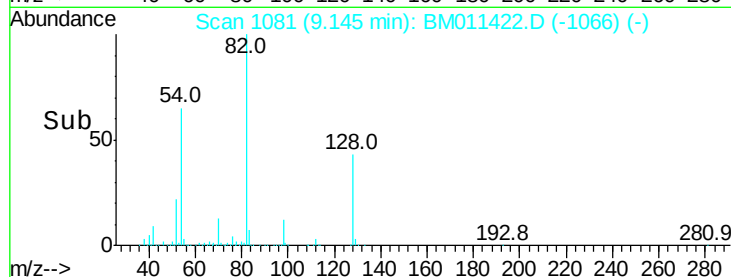
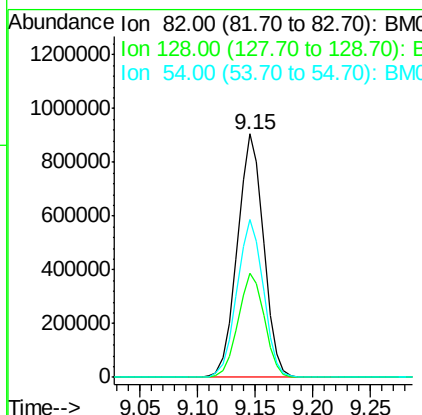
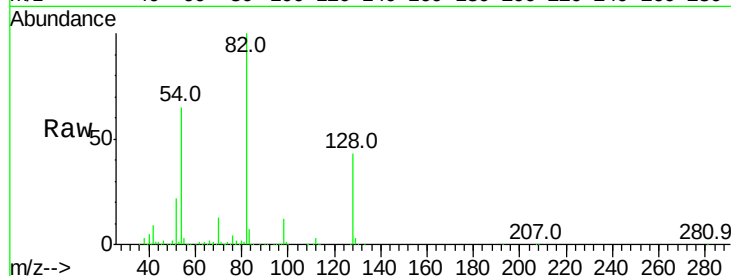




#23
 Nitrobenzene-d5
 Concen: 108.937 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

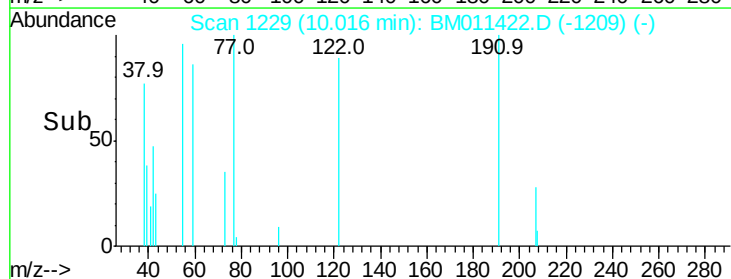
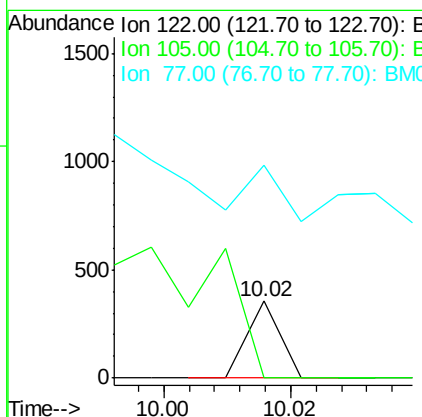
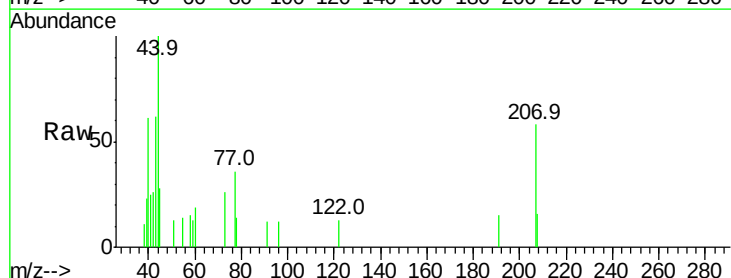
Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

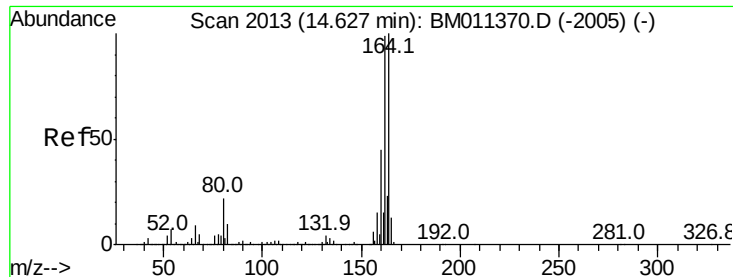
Tot Ion: 82 Resp: 1422445
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.8 49.2
 54 64.7 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.552 ng
 RT: 10.02 min Scan# 1229
 Delta R.T. -0.08 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Tgt Ion: 122 Resp: 125
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.9 139.9#
 77 277.1 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

Instrument :

BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

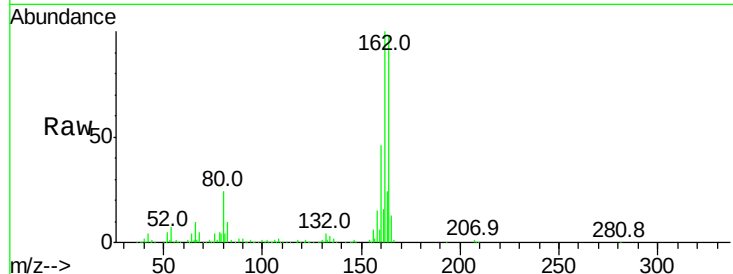
Tot Ion:164 Resp: 477152

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

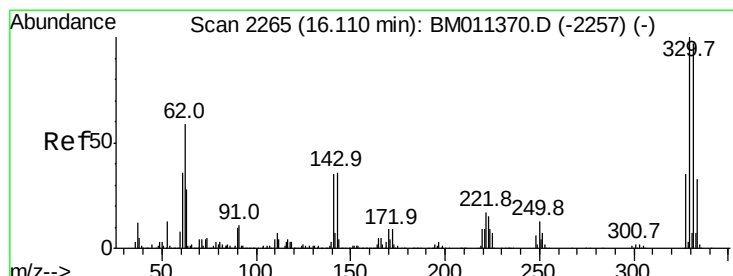
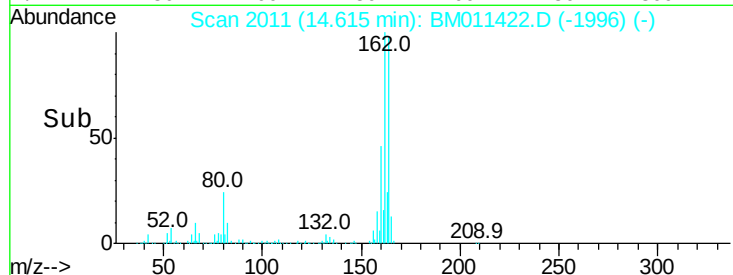
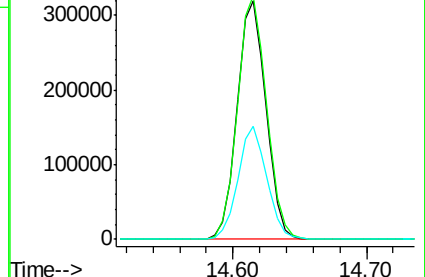
160 47.3 35.8 53.6



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: 156.519 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

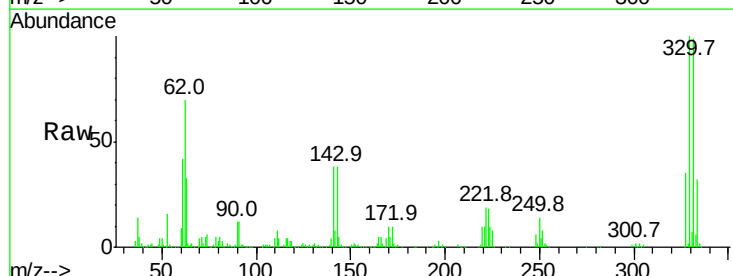
Tgt Ion:330 Resp: 864052

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

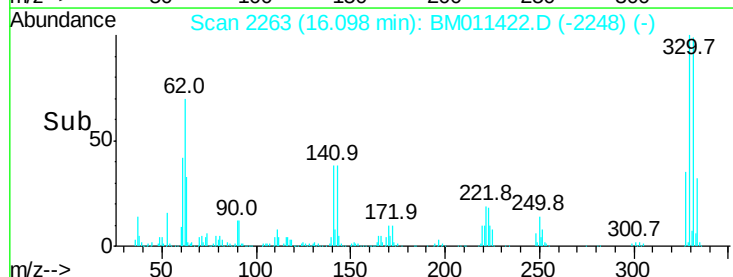
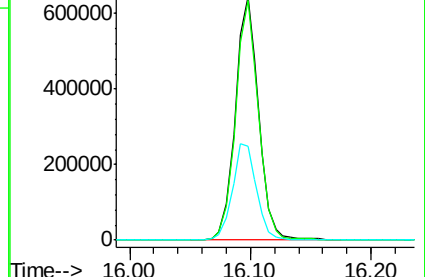
141 41.1 0.0 0.0#

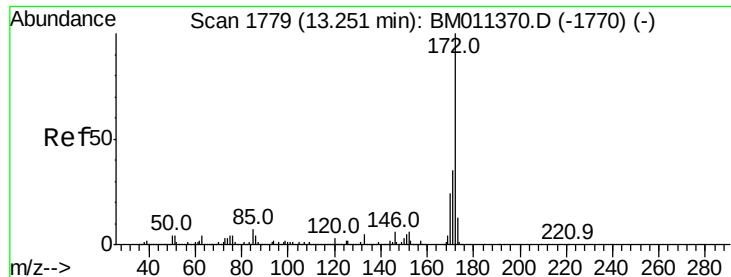


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



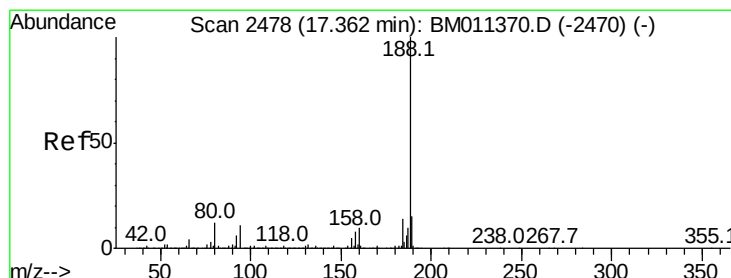
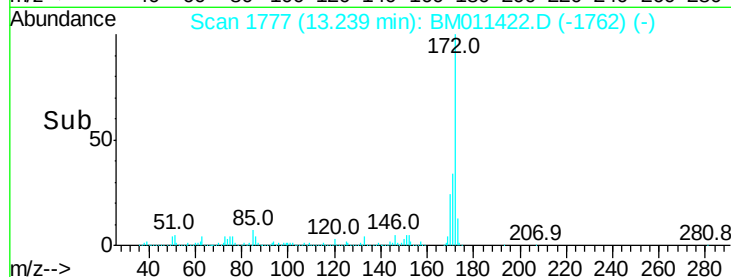
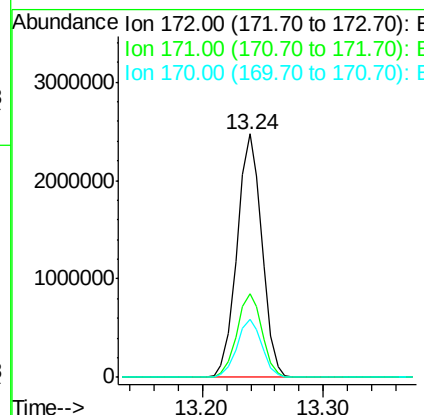
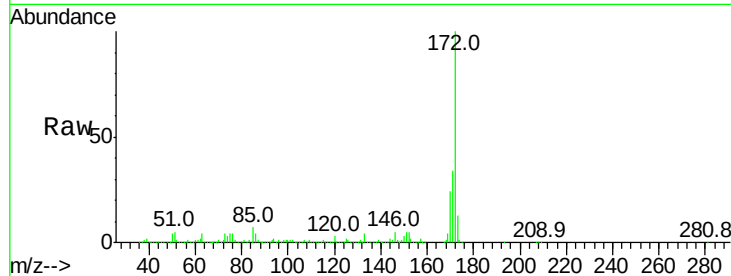


#44
2-Fluorobiphenyl
Concen: 107.065 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

Tot Ion:172 Resp: 3544006

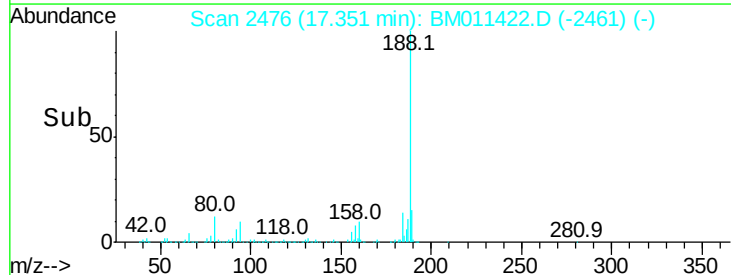
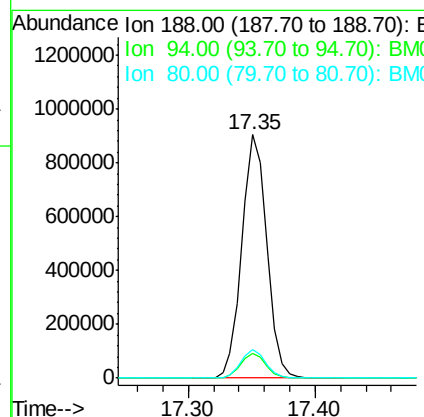
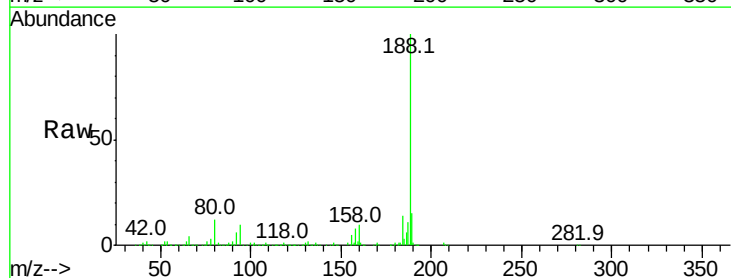
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.8	18.8	28.2

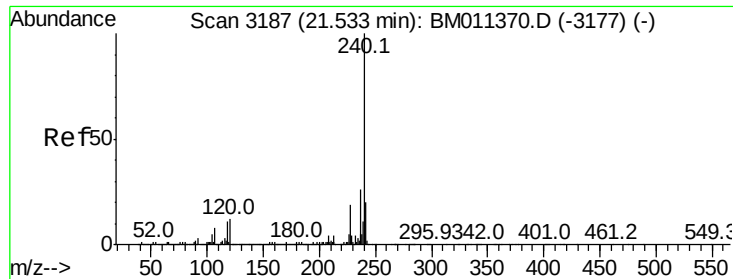


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Tgt Ion:188 Resp: 1226484

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.7	13.1
80	11.7	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

Instrument :

BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

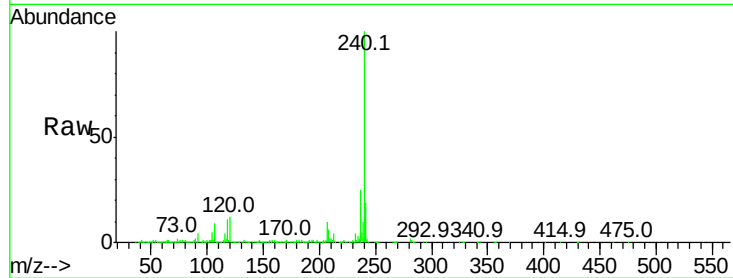
Tot Ion:240 Resp: 1830402

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

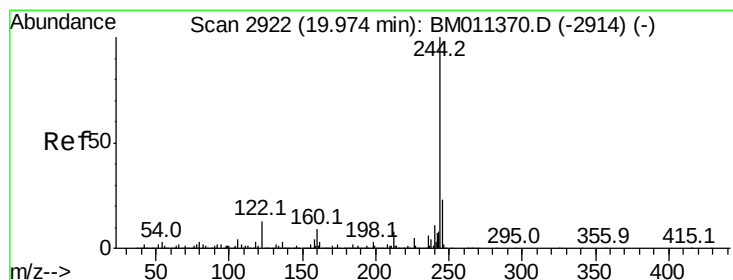
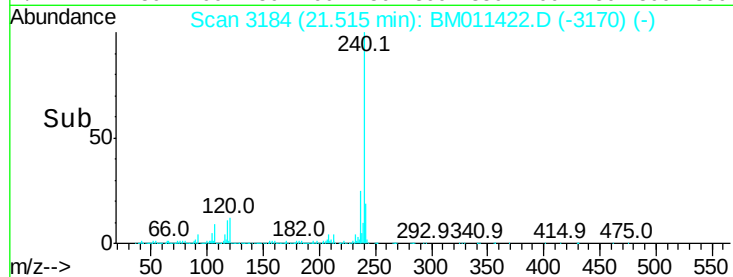
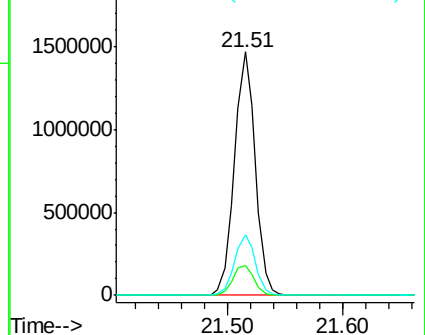
236 24.9 20.0 30.0



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: 90.718 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

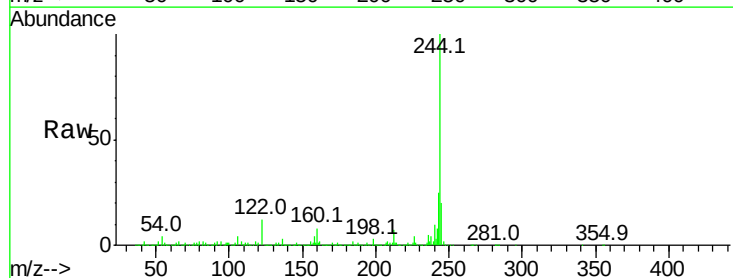
Tgt Ion:244 Resp: 6692296

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

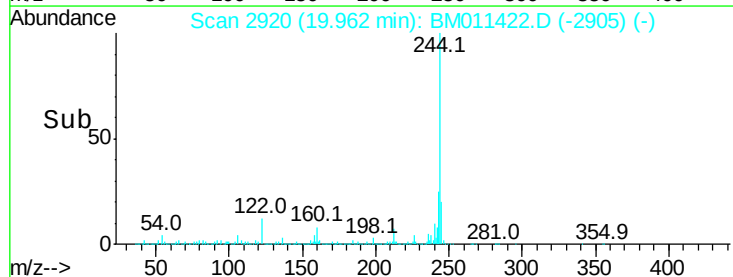
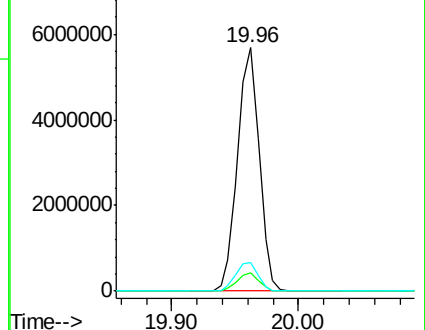
122 11.6 6.2 9.4#

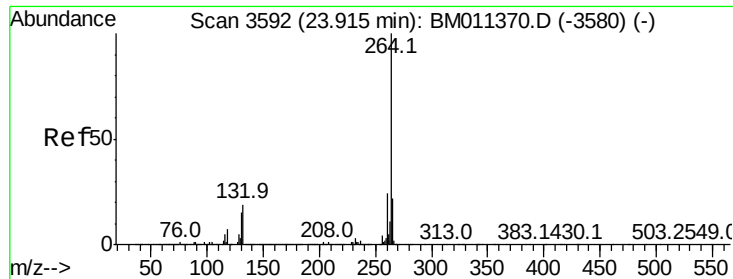


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3589
Delta R.T. -0.02 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

Tot Ion:264 Resp: 1958233

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.3	25.9

