

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011411.D
 Acq On : 02 Sep 2017 12:29
 Operator : SJ/JU
 Sample : PB102037TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB102037TB

Quant Time: Sep 04 02:59:34 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

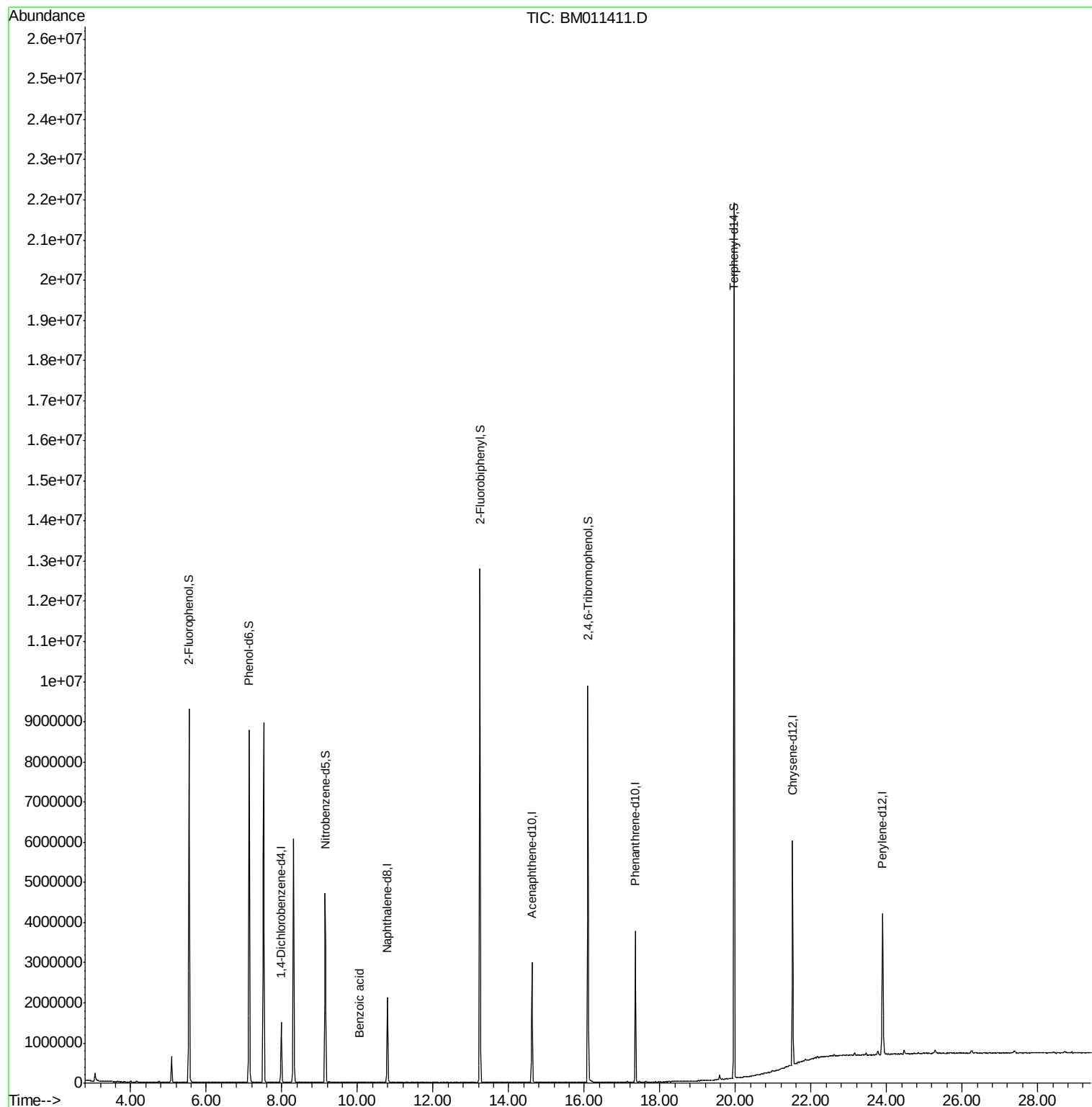
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	404594	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1743963	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	963255	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2170005	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2559544	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2518095	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3755595	156.25	ng	0.00
7) Phenol-d6	7.13	99	4851557	145.57	ng	0.00
23) Nitrobenzene-d5	9.15	82	2521411	95.28	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1525796	136.91	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6339299	94.87	ng	-0.01
78) Terphenyl-d14	19.96	244	8583408	83.21	ng	-0.01
Target Compounds						
32) Benzoic acid	10.06	122	121	6.546	ng	Qvalue # 1

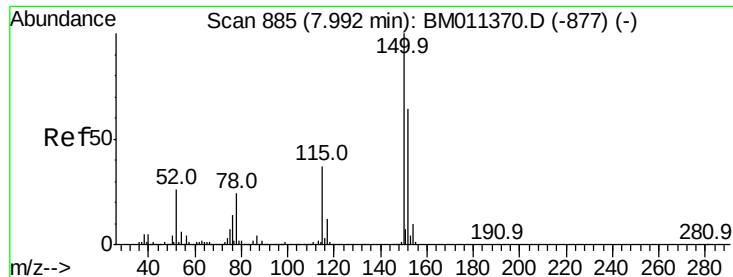
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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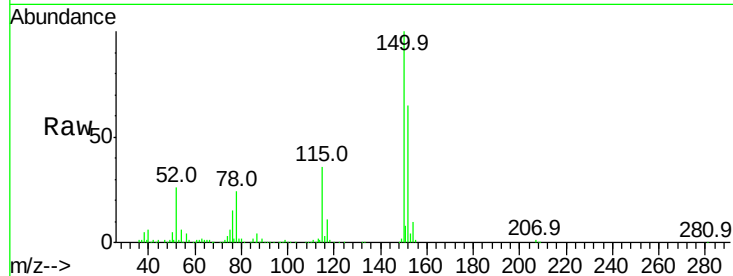


#1

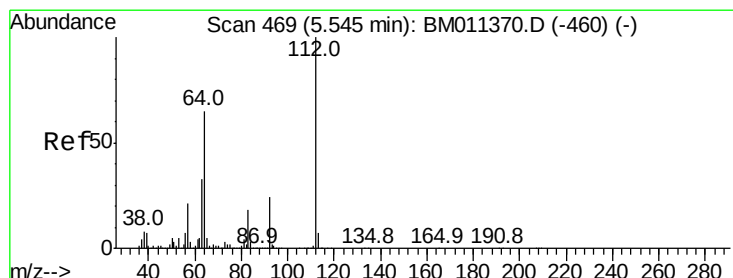
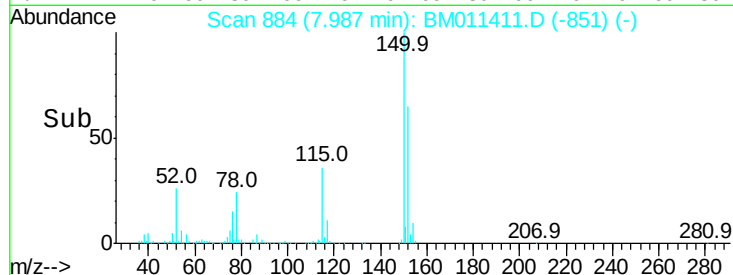
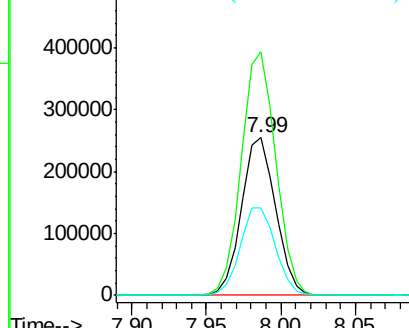
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011411.D
Acq: 02 Sep 2017 12:29

Instrument :
BNA_M
ClientSampleId :
PB102037TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	55.6	43.0	64.4



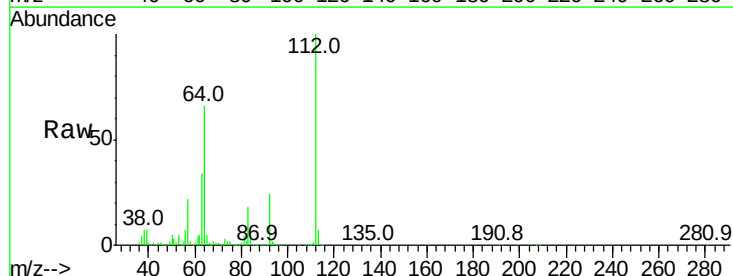
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



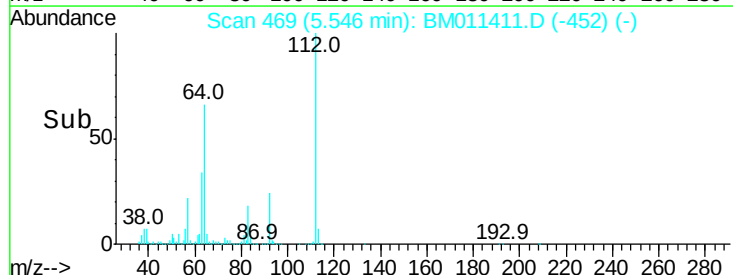
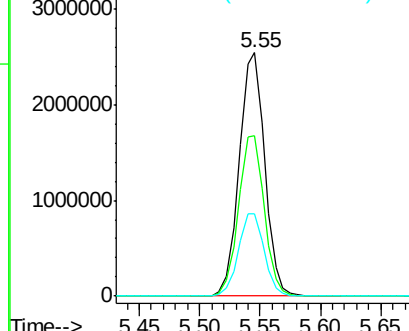
#5

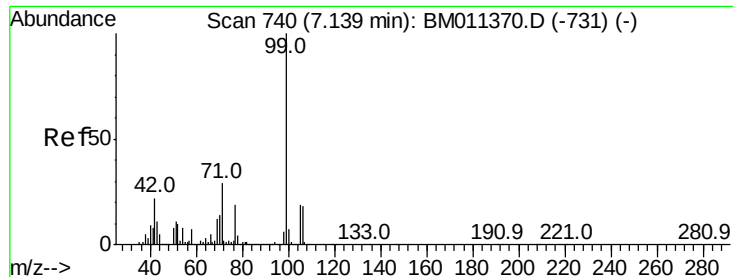
2-Fluorophenol
Concen: 156.248 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011411.D
Acq: 02 Sep 2017 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	38.6	57.8#
63	34.0	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 145.566 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

Instrument :

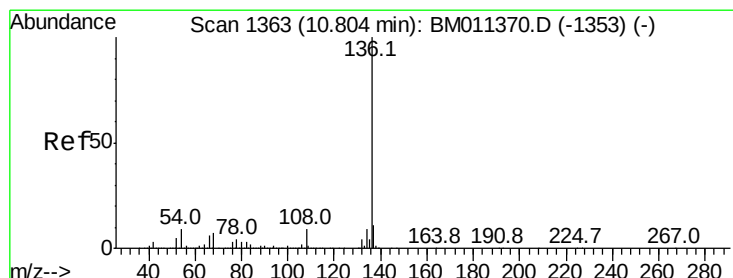
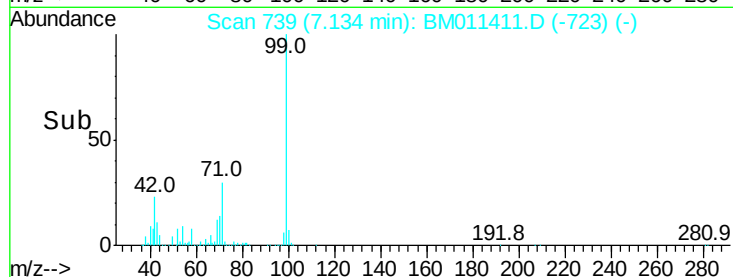
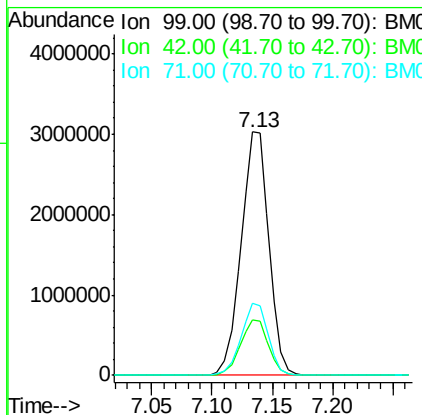
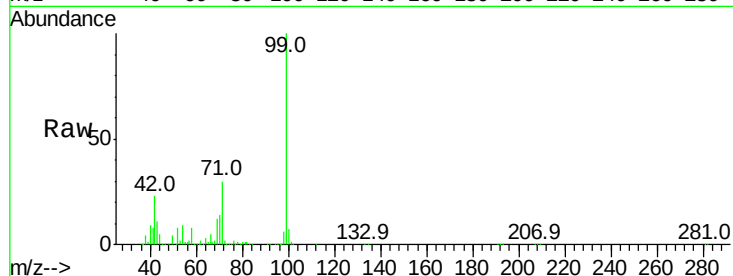
BNA_M

ClientSampleId :

PB102037TB

Tot Ion: 99 Resp: 4851557

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	29.5	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

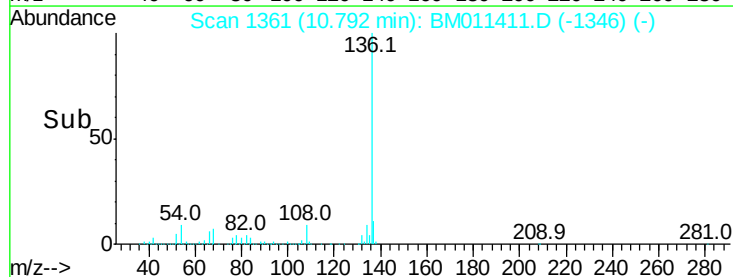
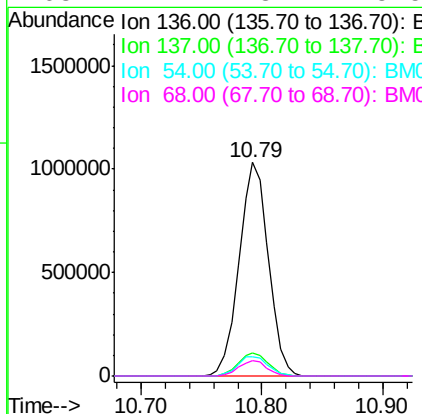
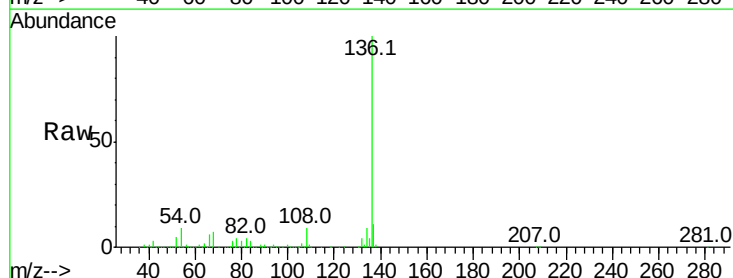
Delta R.T. -0.01 min

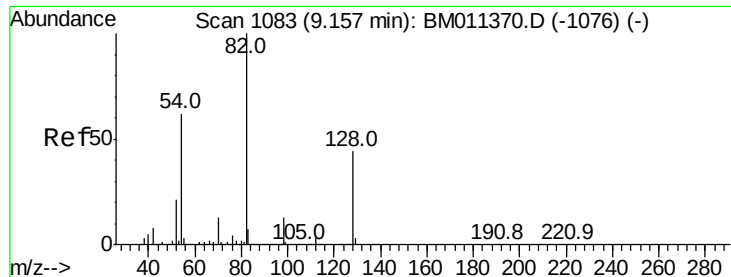
Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

Tgt Ion: 136 Resp: 1743963

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.3	4.6	6.8#
68	7.4	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 95.275 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

Instrument :

BNA_M

ClientSampleId :

PB102037TB

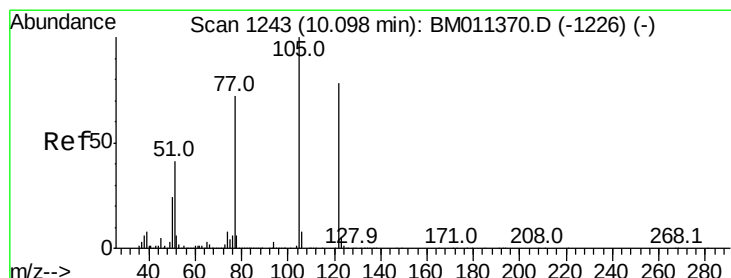
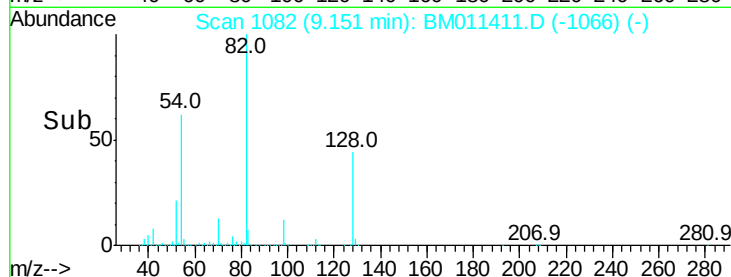
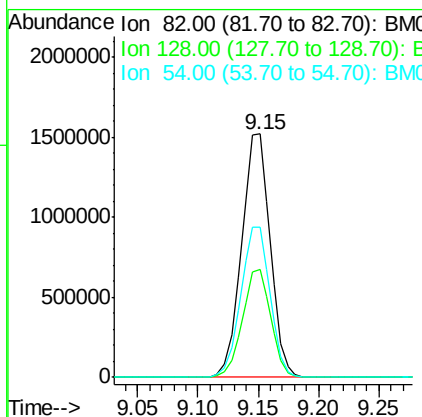
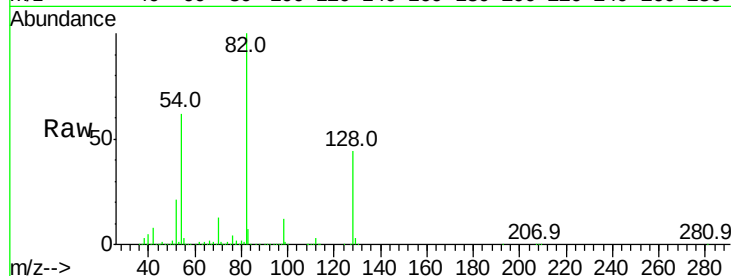
Tot Ion: 82 Resp: 2521411

Ion Ratio Lower Upper

82 100

128 44.4 32.8 49.2

54 61.8 40.6 60.8#



#32

Benzoic acid

Concen: 6.546 ng

RT: 10.06 min Scan# 1237

Delta R.T. -0.04 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

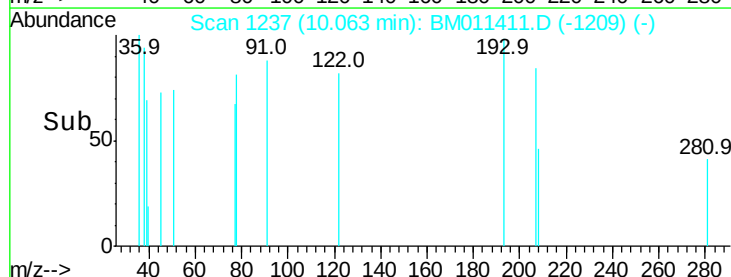
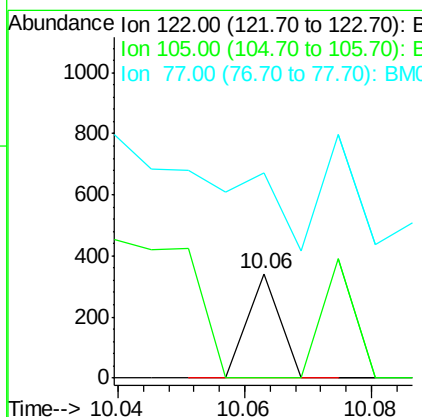
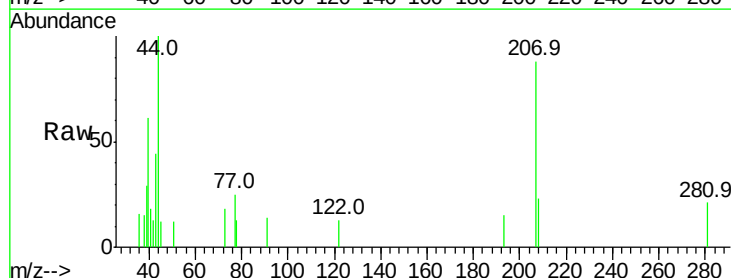
Tgt Ion: 122 Resp: 121

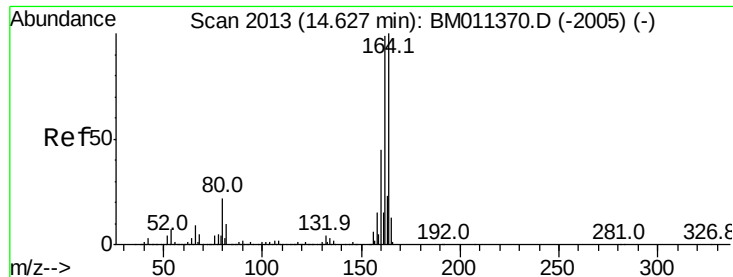
Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 196.5 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: BM011411.D

Acq: 02 Sep 2017 12:29

Instrument :

BNA_M

ClientSampleId :

PB102037TB

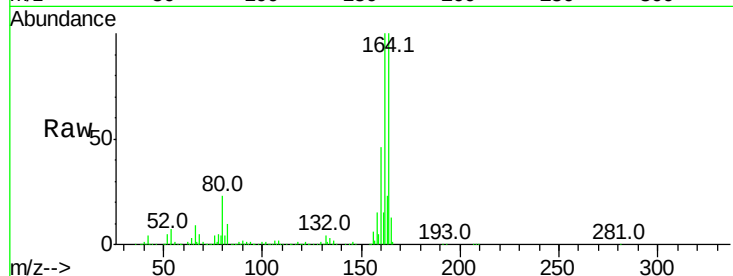
Tot Ion:164 Resp: 963255

Ion Ratio Lower Upper

164 100

162 99.6 82.4 123.6

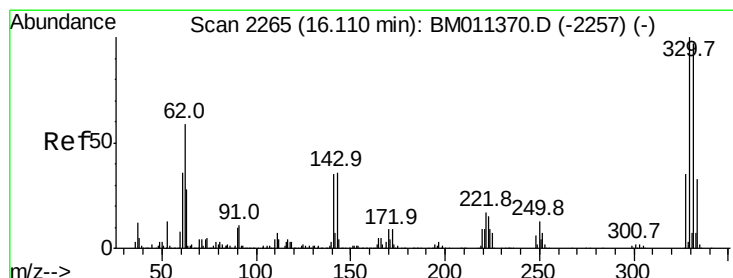
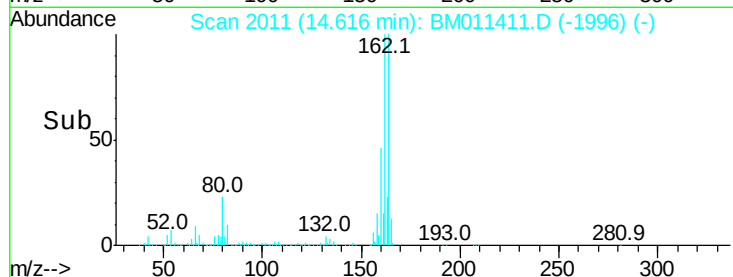
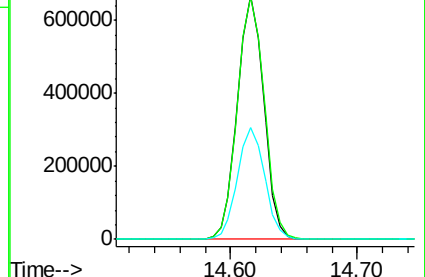
160 45.9 35.8 53.6



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: 136.911 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

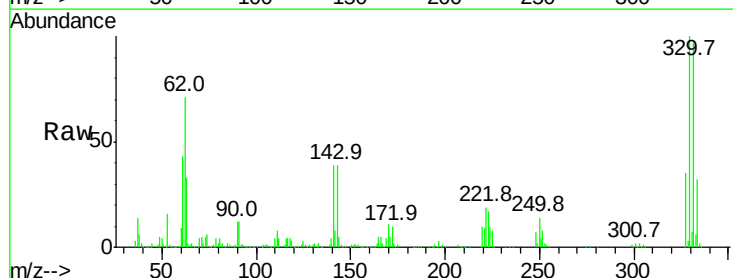
Tgt Ion:330 Resp: 1525796

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

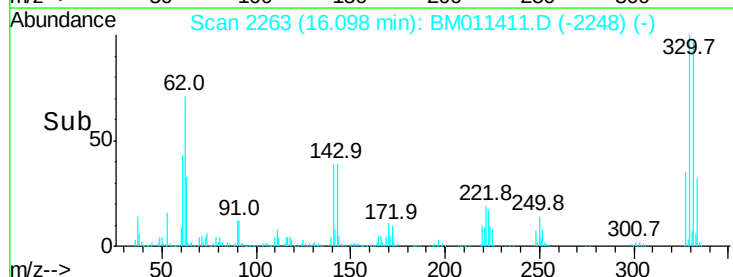
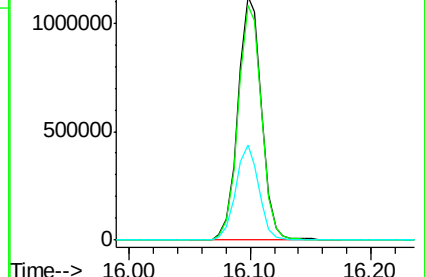
141 38.5 0.0 0.0#

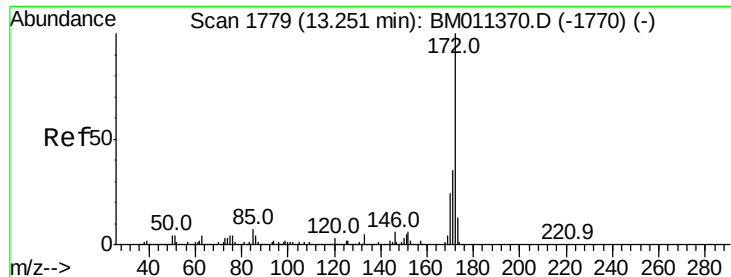


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



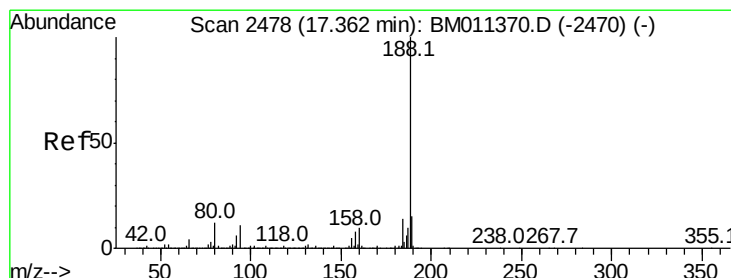
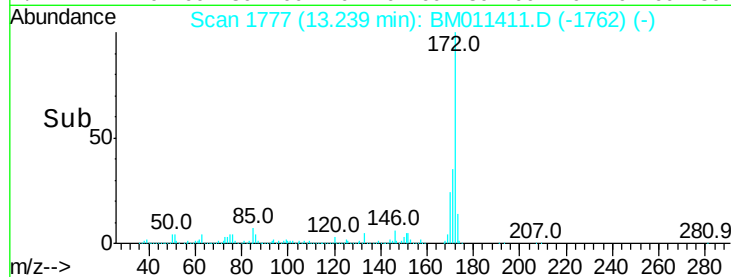
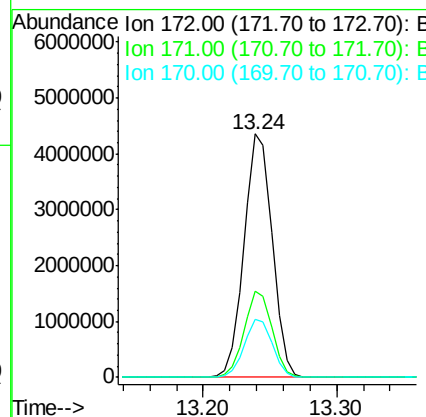
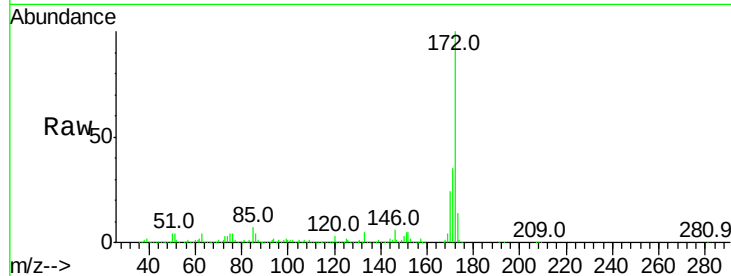


#44
 2-Fluorobiphenyl
 Concen: 94.866 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011411.D
 Acq: 02 Sep 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 PB102037TB

Tot Ion:172 Resp: 6339299

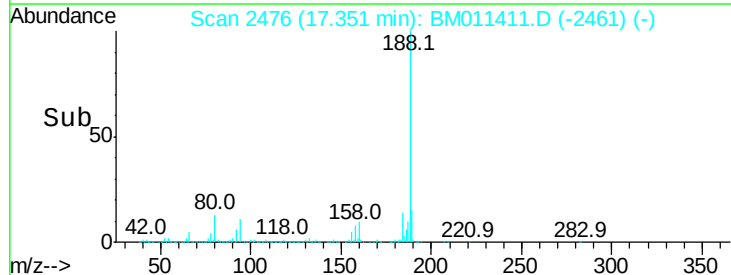
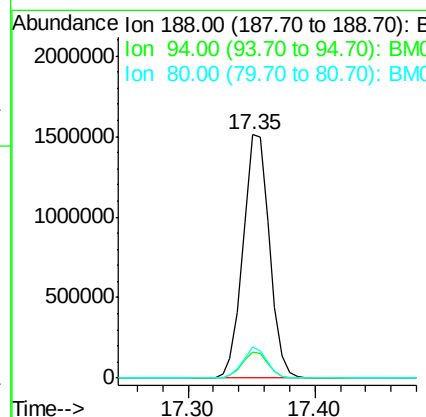
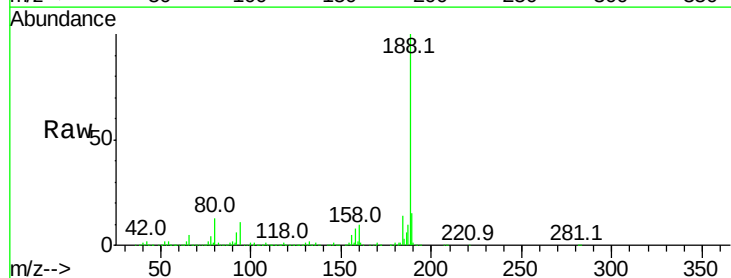
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.0	18.8	28.2

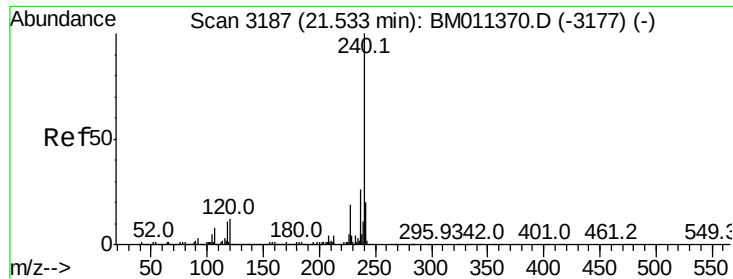


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011411.D
 Acq: 02 Sep 2017 12:29

Tgt Ion:188 Resp: 2170005

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	12.6	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

Instrument :

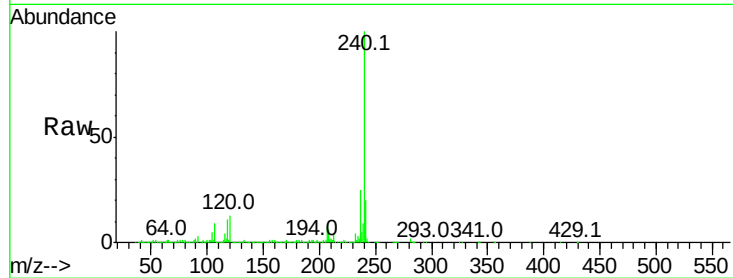
BNA_M

ClientSampleId :

PB102037TB

Tot Ion:240 Resp: 2559544

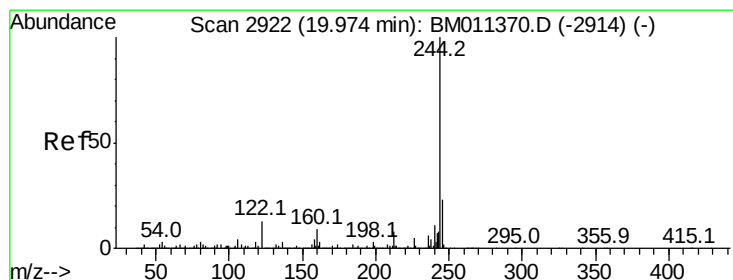
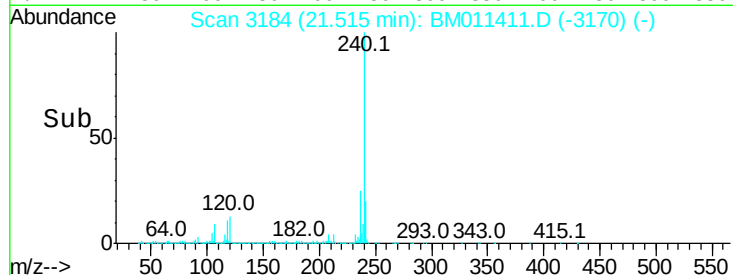
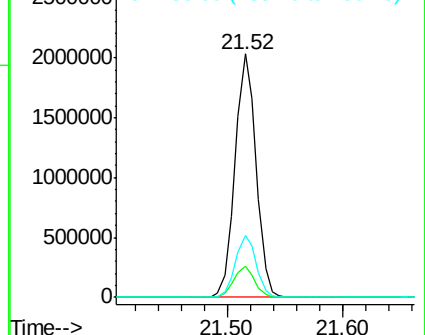
Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.2	12.2#
236	25.3	20.0	30.0



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: 83.207 ng

RT: 19.96 min Scan# 2920

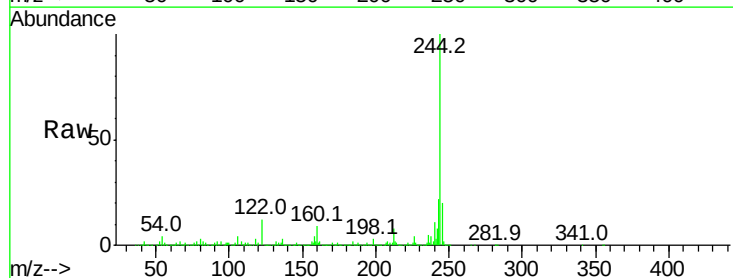
Delta R.T. -0.01 min

Lab File: BM011411.D

Acq: 02 Sep 2017 12:29

Tgt Ion:244 Resp: 8583408

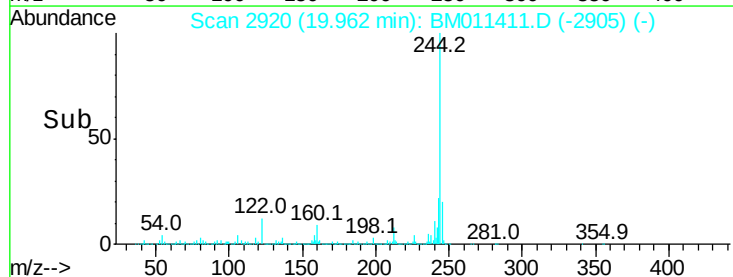
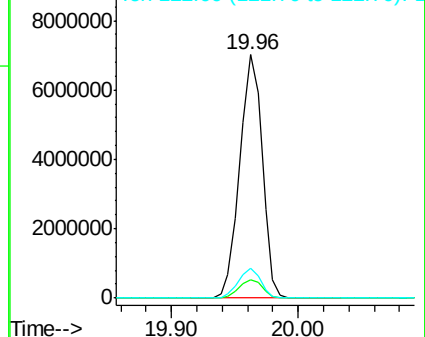
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.4	6.2	9.4#

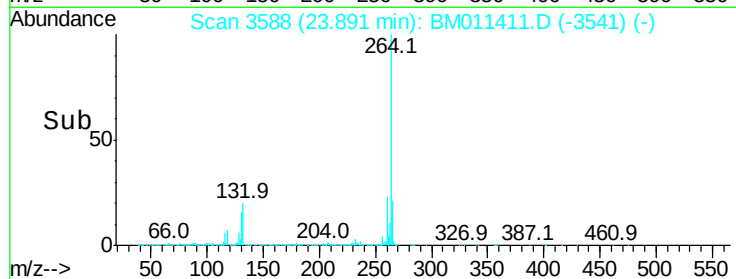
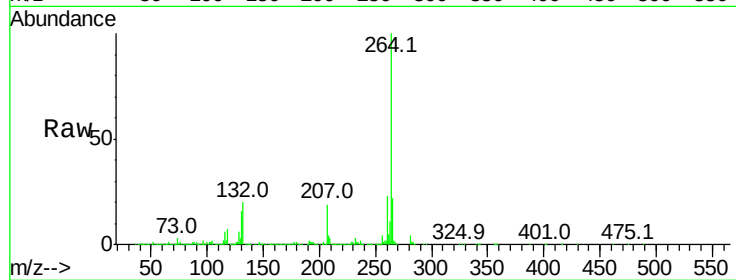
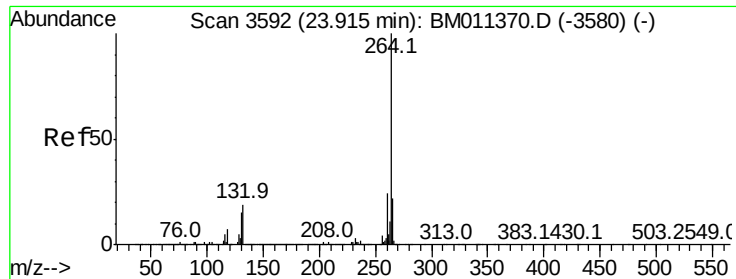


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM011411.D

Acq: 02 Sep 2017 12:29

Instrument :

BNA_M

ClientSampleId :

PB102037TB

Tot Ion:264 Resp: 2518095

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.8	17.3	25.9

