

Data Path : \\74.0.250.170\SV0ASRV\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 03:58:09 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

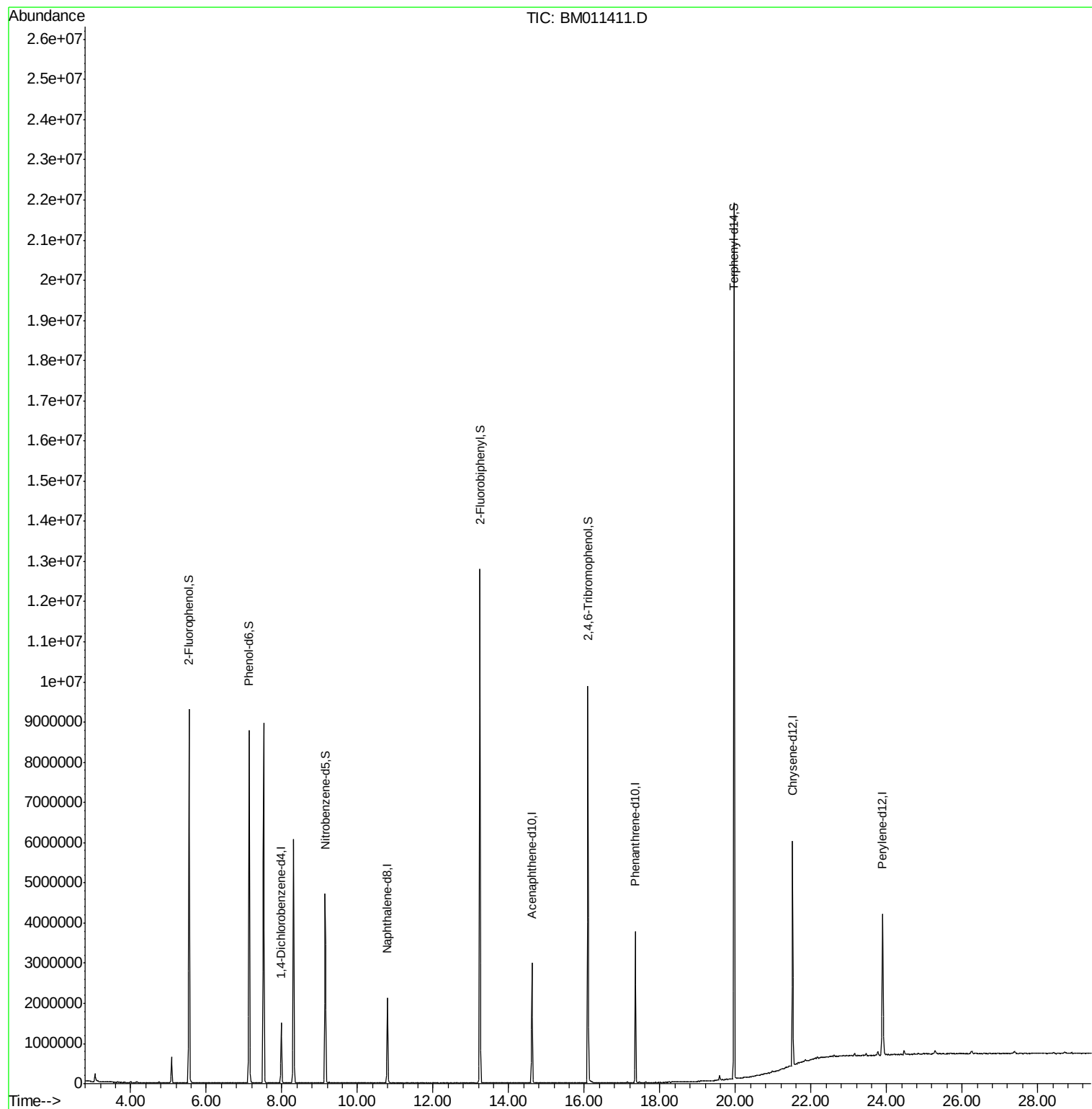
Target Compounds Qvalue

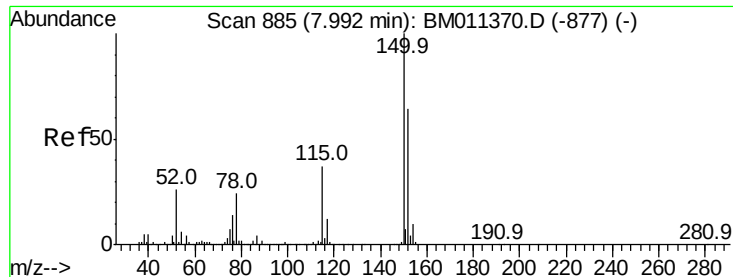
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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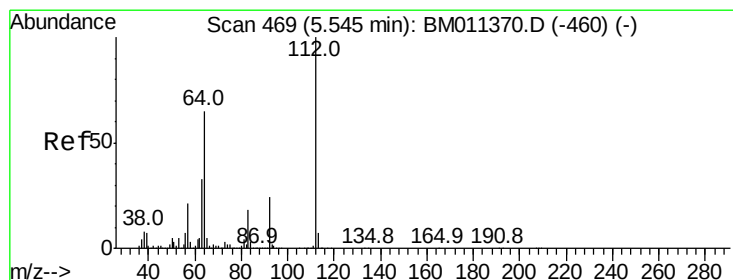
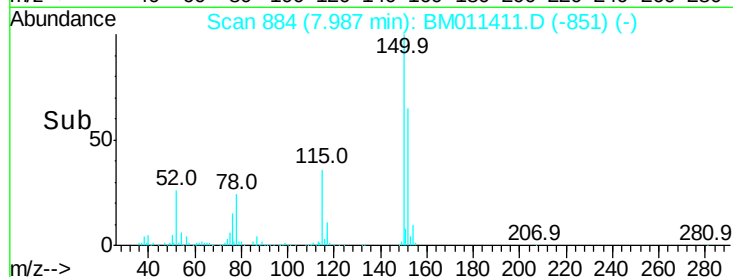
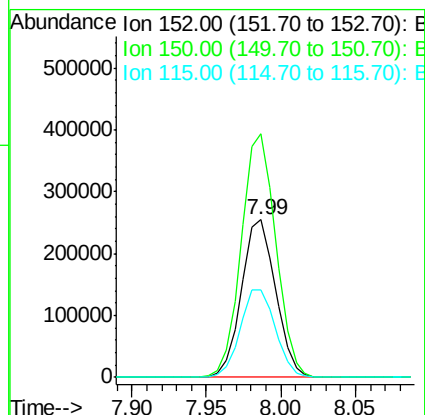
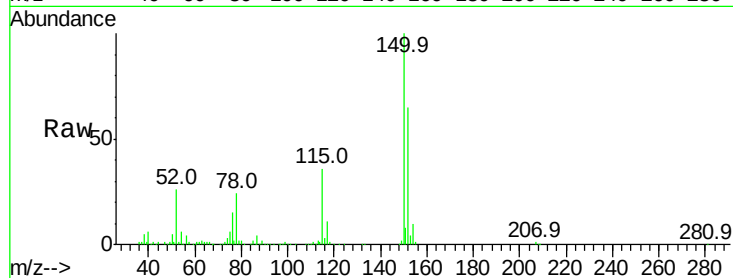


#1

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

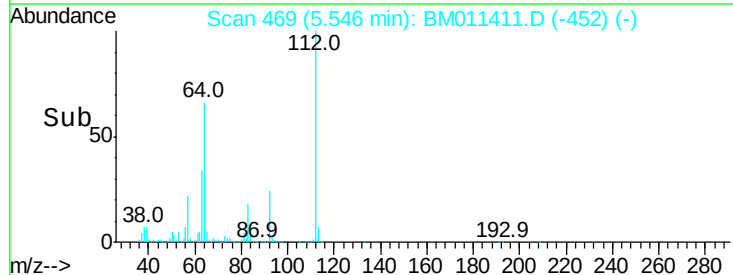
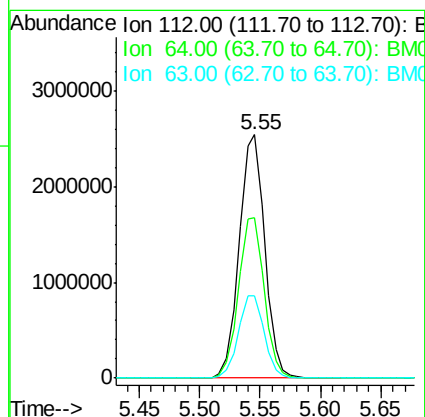
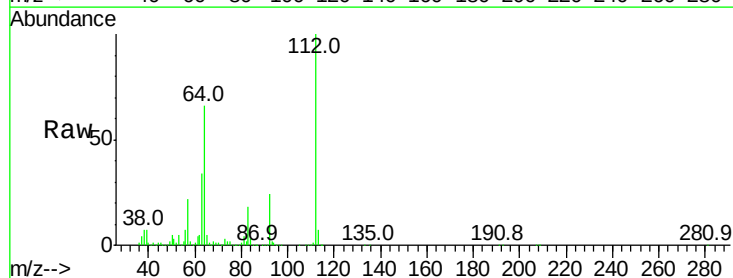
Tot Ion:152 Resp: 404594
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 55.6 43.0 64.4

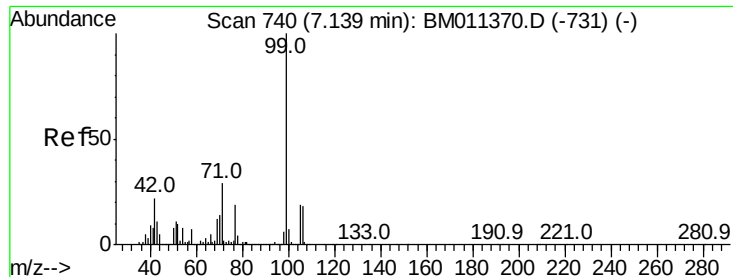


#5

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:112 Resp: 3755595
Ion Ratio Lower Upper
112 100
64 65.9 38.6 57.8#
63 34.0 19.3 28.9#





#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 :

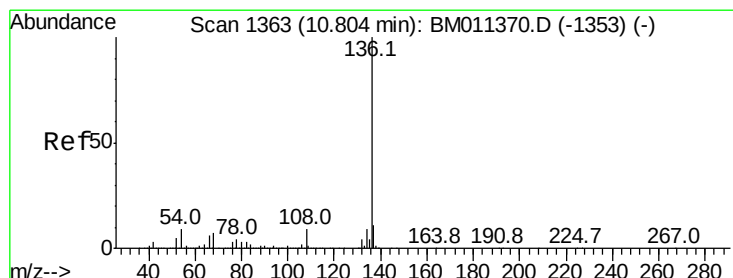
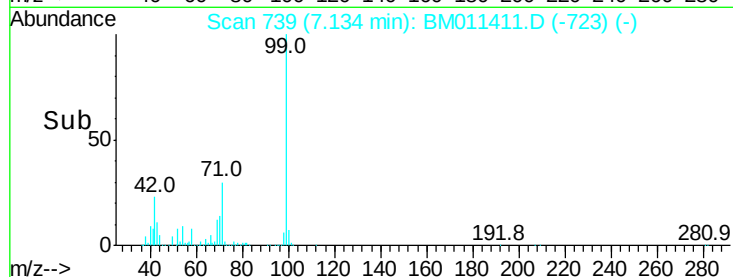
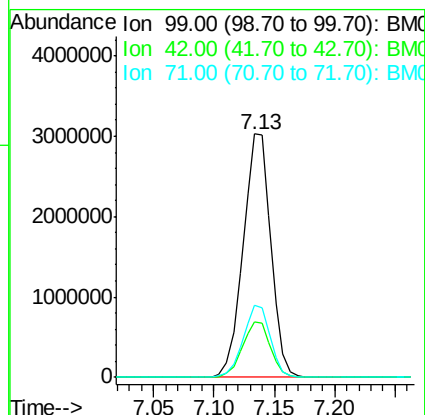
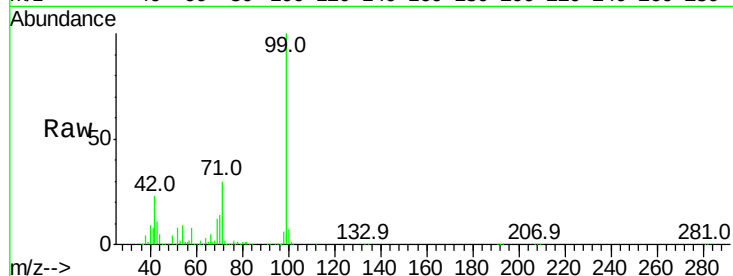
BNA_M

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

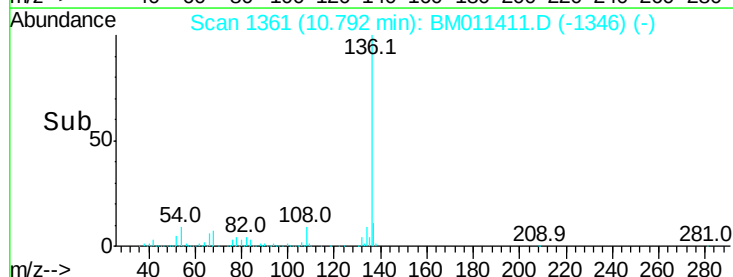
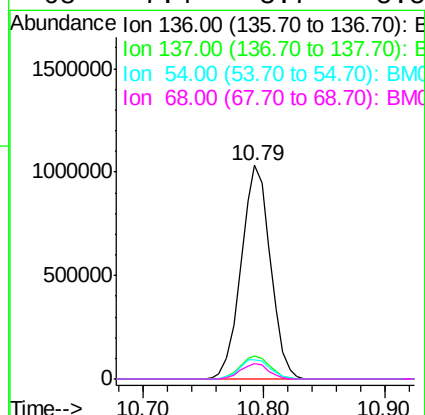
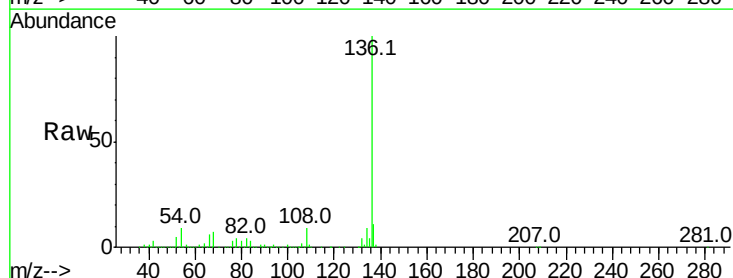
Delta R.T. -0.01 min

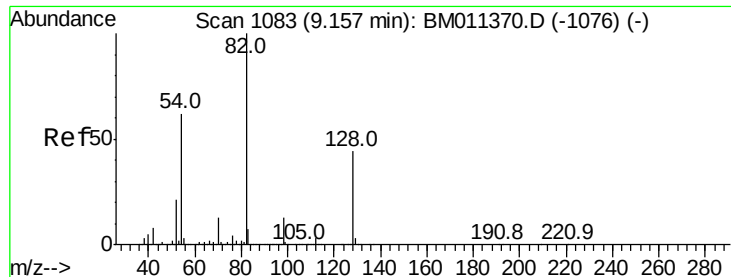
Lab File: BM011411.D

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#

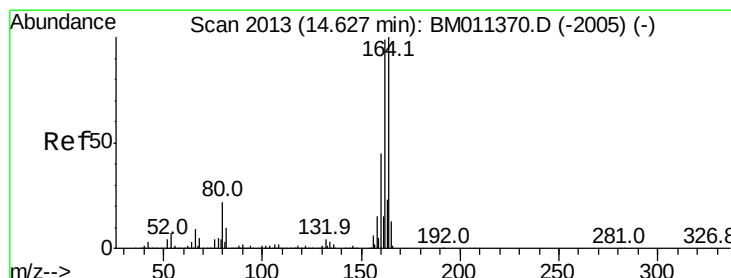
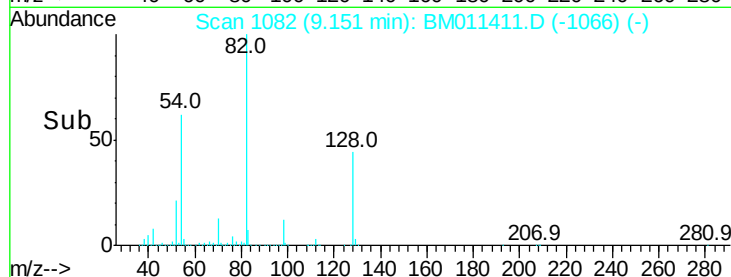
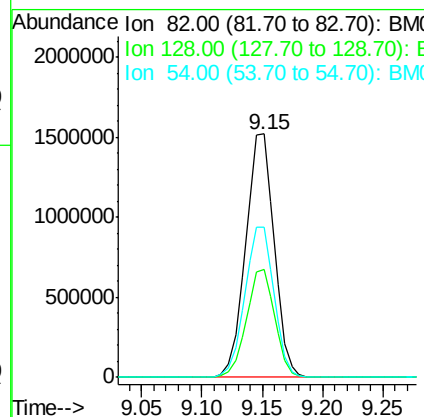
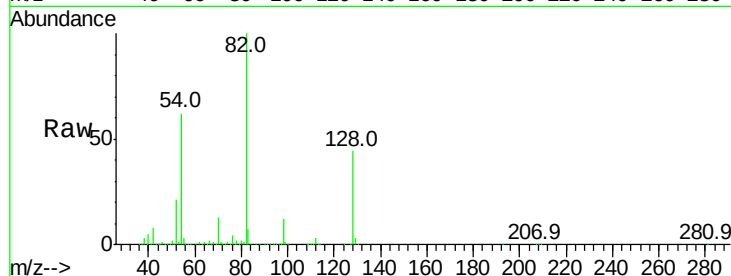




#23
 Nitrobenzene-d5
 Concen: 95.275 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011411.D
 Acq: 02 Sep 2017 12:29

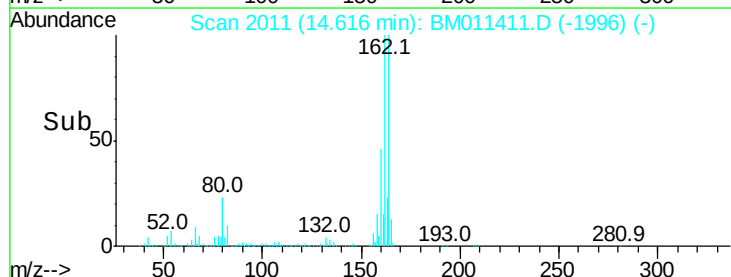
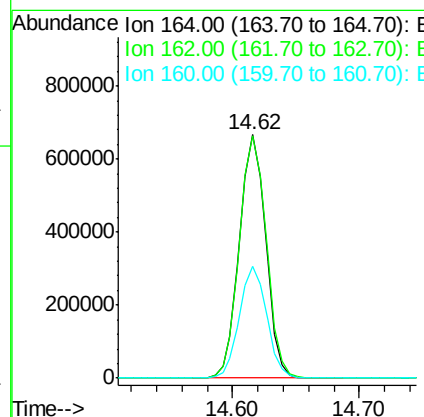
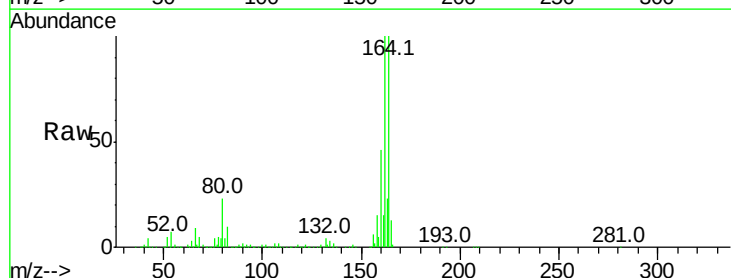
Instrument :
 BNA_M
 ClientSampleId :
 PB102037TB

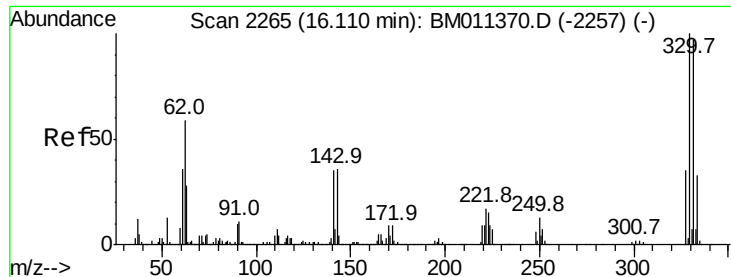
Tot Ion: 82 Resp: 2521411
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.8 49.2
 54 61.8 40.6 60.8#



#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

Tgt Ion: 164 Resp: 963255
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.4 123.6
 160 45.9 35.8 53.6





#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

Instrument :

BNA_M

ClientSampleId :

PB102037TB

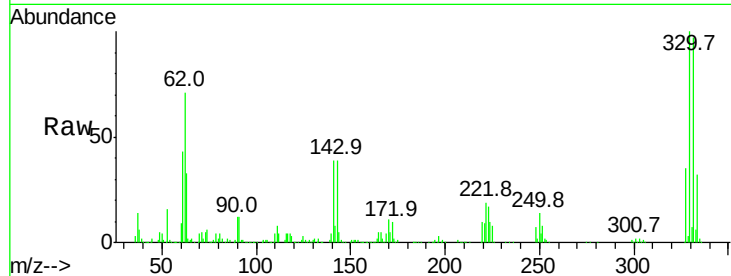
Tot Ion:330 Resp: 1525796

Ion Ratio Lower Upper

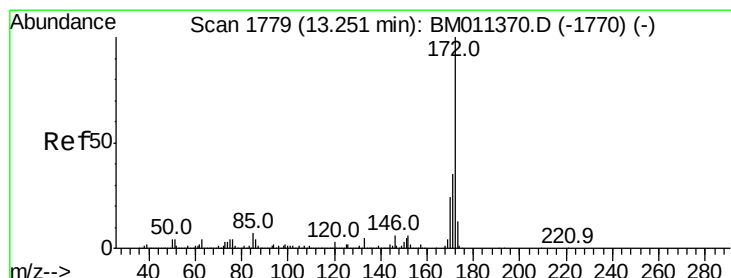
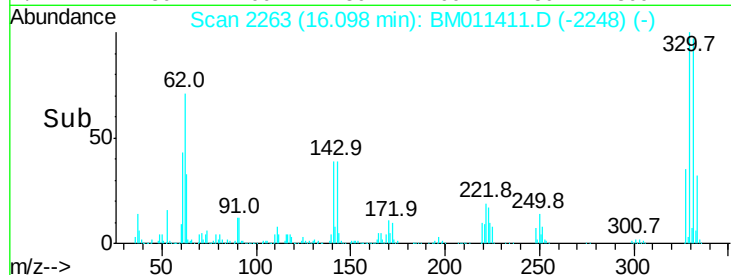
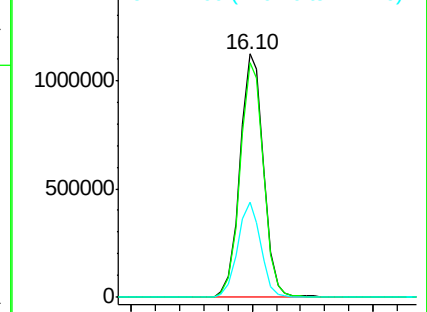
330 100

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

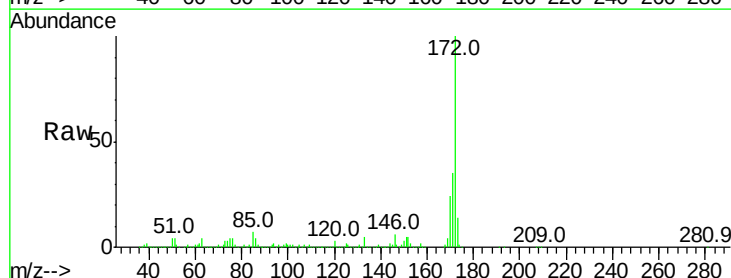
Tgt Ion:172 Resp: 6339299

Ion Ratio Lower Upper

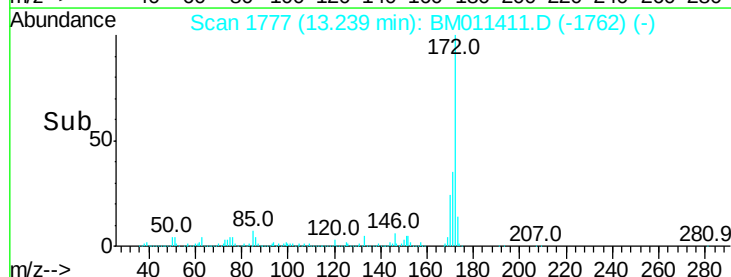
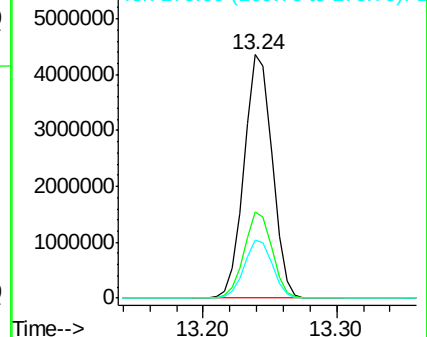
172 100

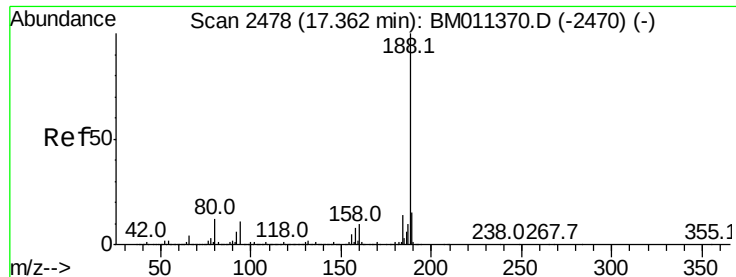
171 35.2 28.5 42.7

170 24.0 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

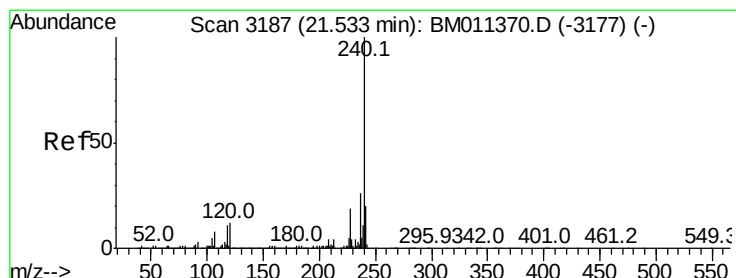
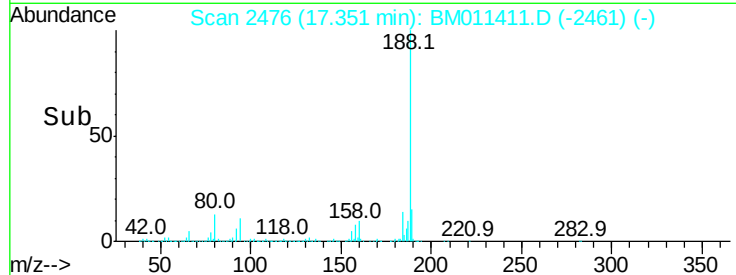
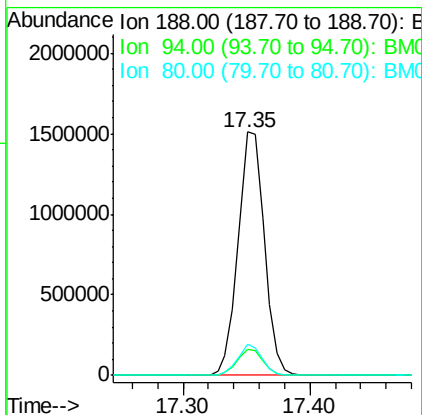
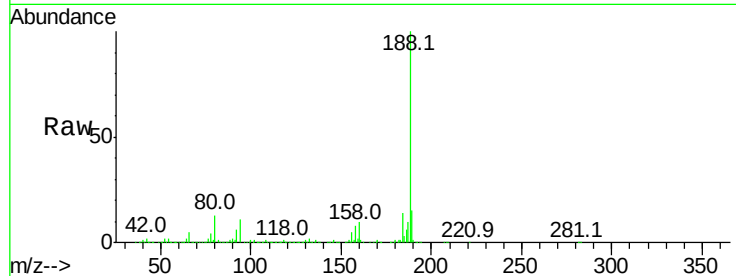




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011411.D
Acq: 02 Sep 2017 12:29

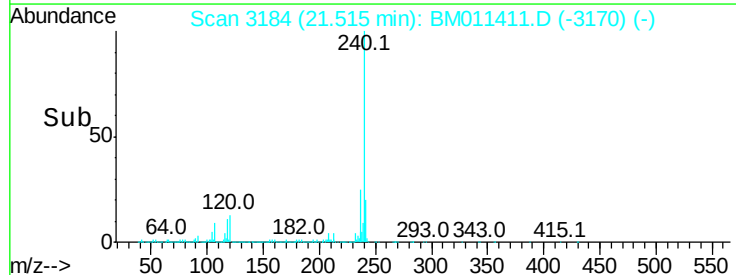
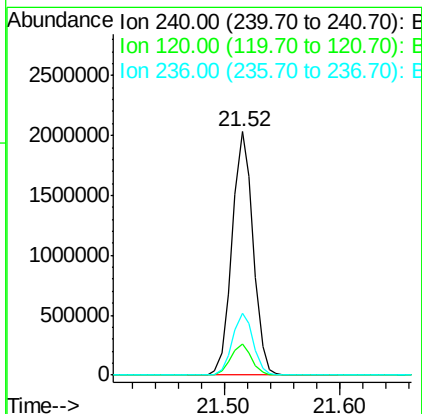
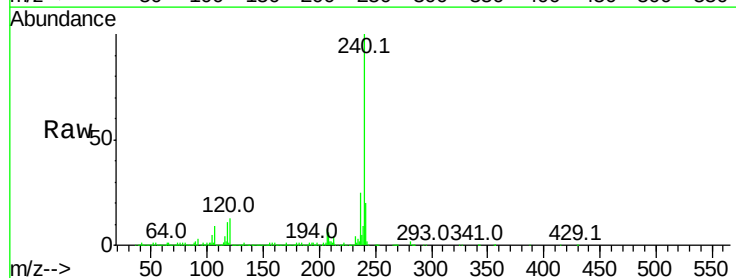
Instrument :
BNA_M
ClientSampleId :
PB102037TB

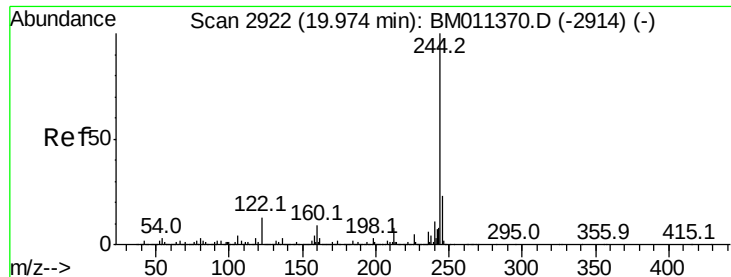
Tot Ion:188 Resp: 2170005
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 12.6 9.3 13.9



#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

Tgt Ion:240 Resp: 2559544
Ion Ratio Lower Upper
240 100
120 12.8 8.2 12.2#
236 25.3 20.0 30.0





#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

Instrument :

BNA_M

ClientSampleId :

PB102037TB

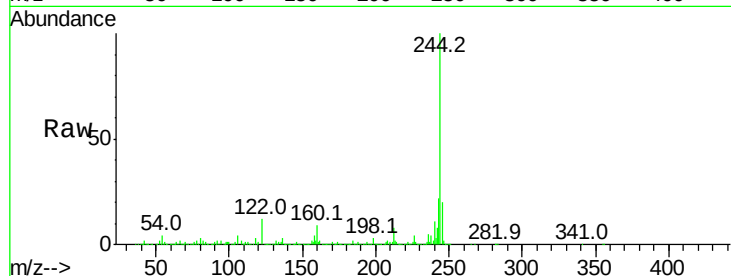
Tot Ion:244 Resp: 8583408

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

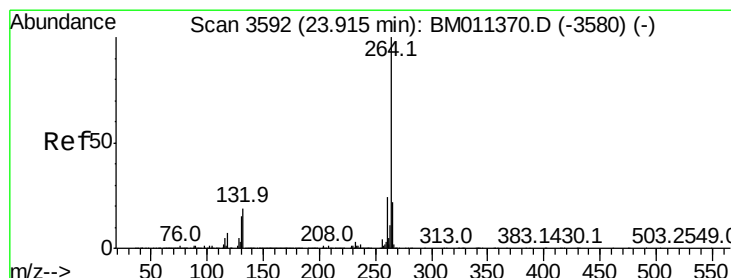
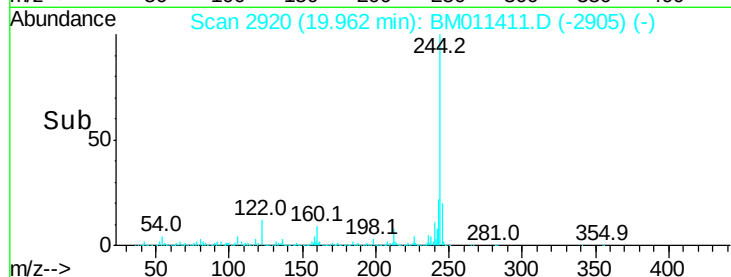
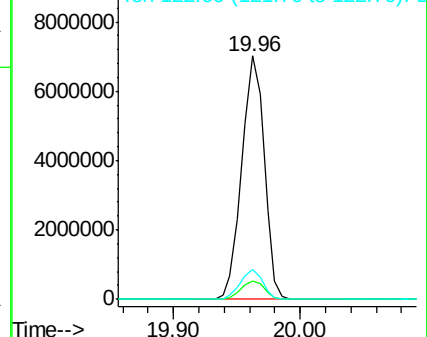
122 12.4 6.2 9.4#



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

Perylene-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

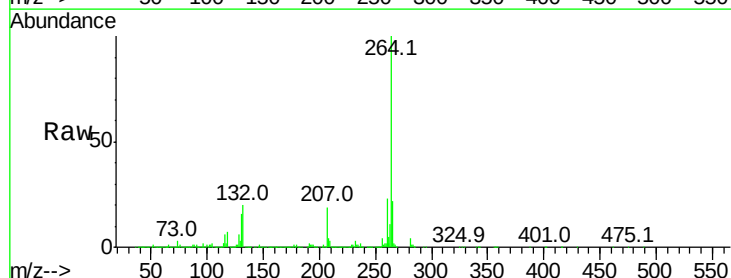
Tgt Ion:264 Resp: 2518095

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

