

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011388.D
 Acq On : 01 Sep 2017 00:57
 Operator : SJ/JU
 Sample : I4963-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3828-SPP4-DUP

Quant Time: Sep 01 07:42:17 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	495685	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2181114	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1228476	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2714628	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3144315	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2987890	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2064253	70.10	ng	0.00
7) Phenol-d6	7.13	99	1705537	41.77	ng	0.00
23) Nitrobenzene-d5	9.15	82	3233481	97.69	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1992896	140.22	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8192545	96.13	ng	0.00
78) Terphenyl-d14	19.97	244	11101492	87.60	ng	0.00

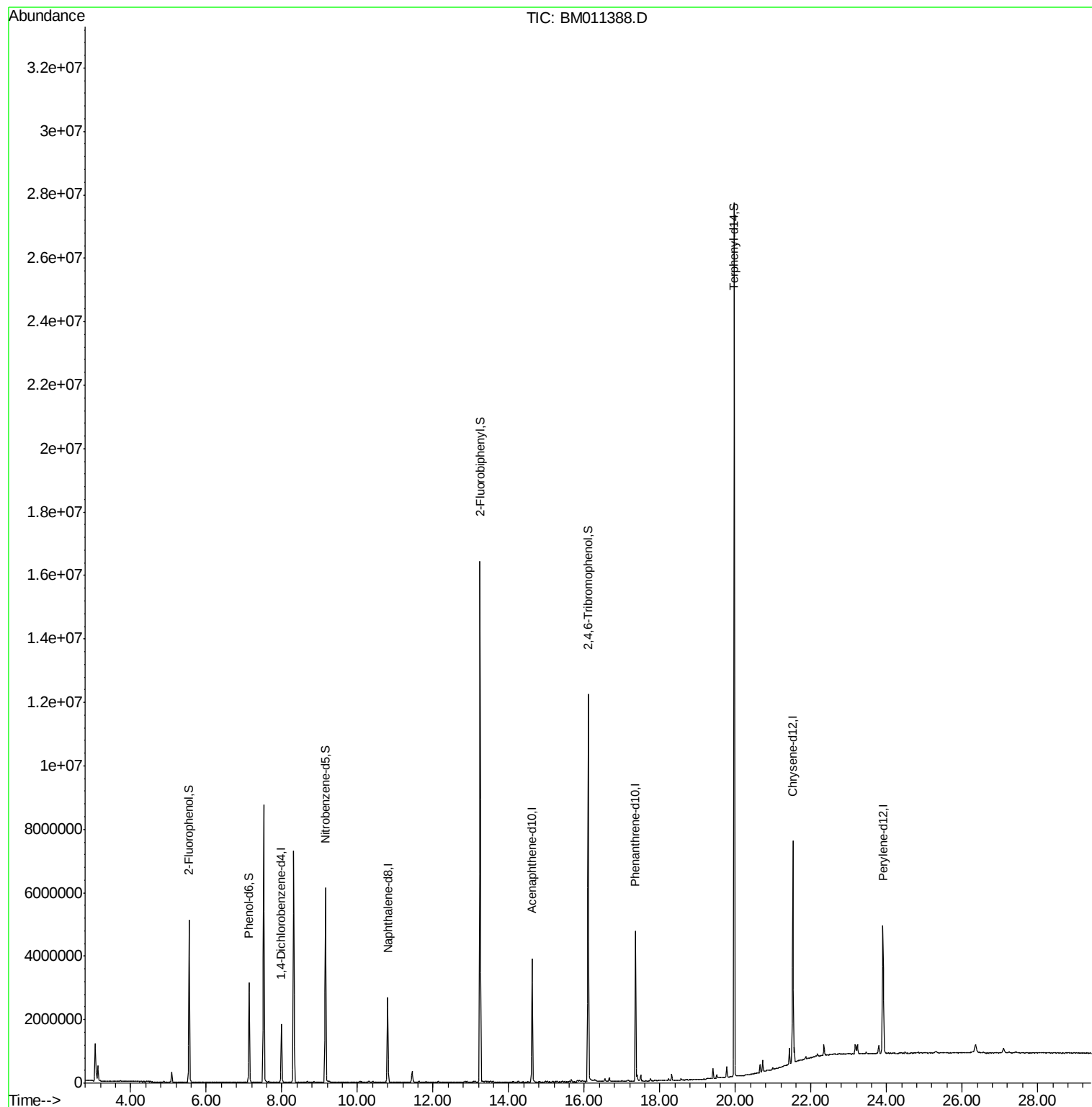
Target Compounds Qvalue

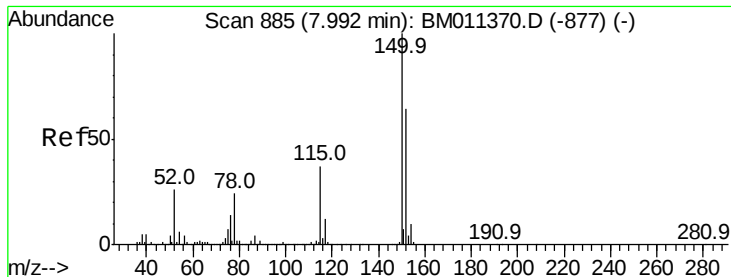
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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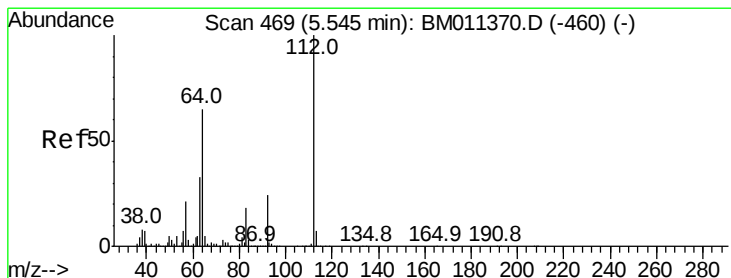
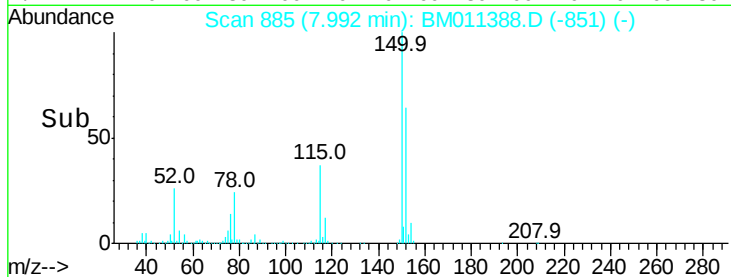
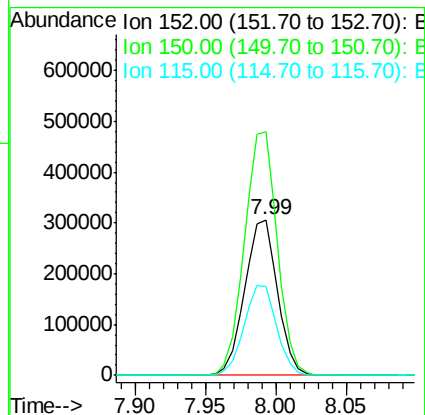
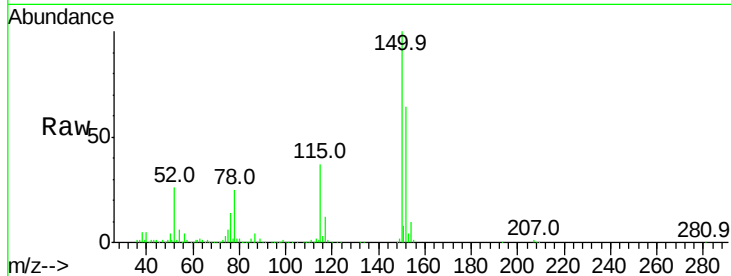


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011388.D
Acq: 01 Sep 2017 00:57

Instrument :
BNA_M
ClientSampleId :
3828-SPP4-DUP

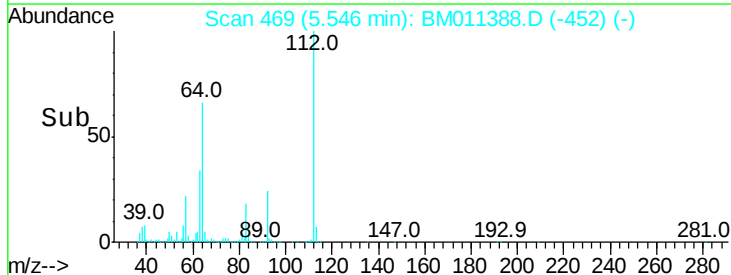
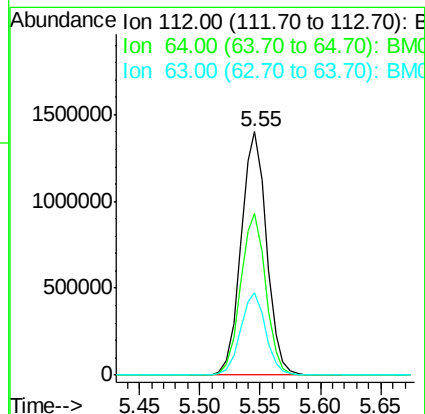
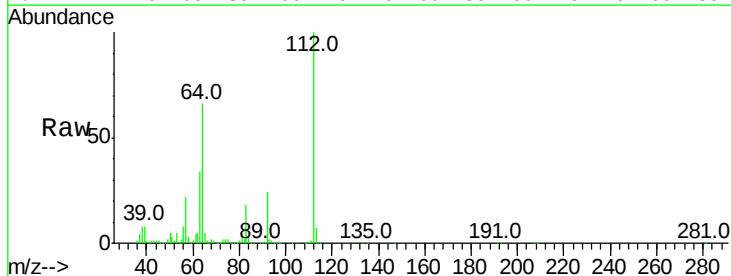
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	57.4	43.0	64.4

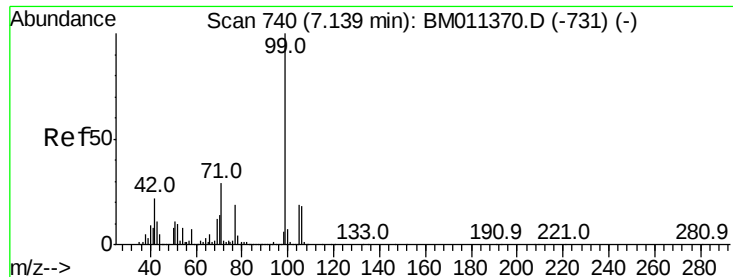


#5

2-Fluorophenol
Concen: 70.099 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011388.D
Acq: 01 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	38.6	57.8#
63	33.9	19.3	28.9#





#7

Phenol-d6

Concen: 41.769 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011388.D

Acq: 01 Sep 2017 00:57

Instrument :

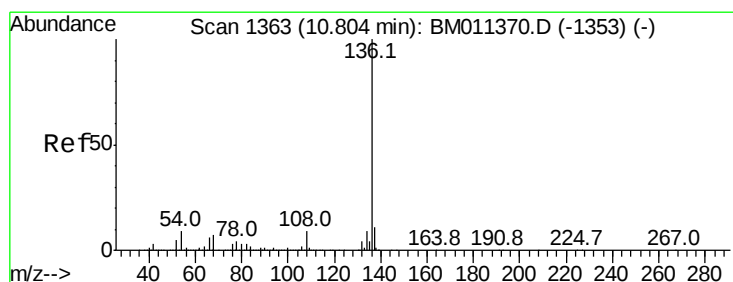
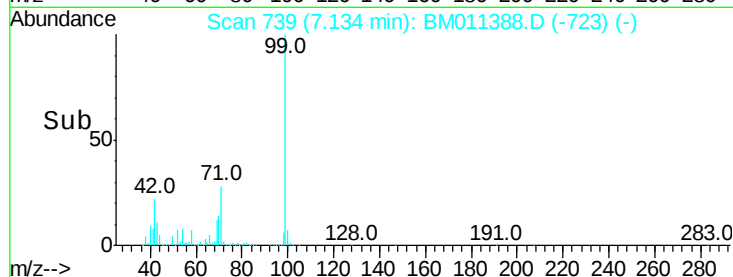
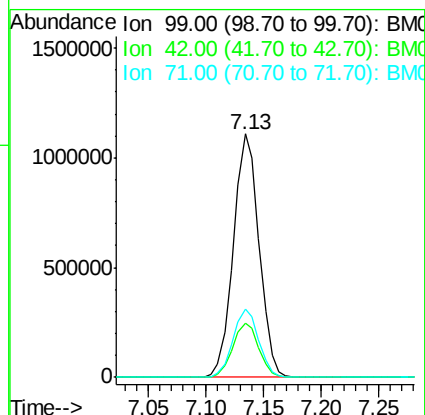
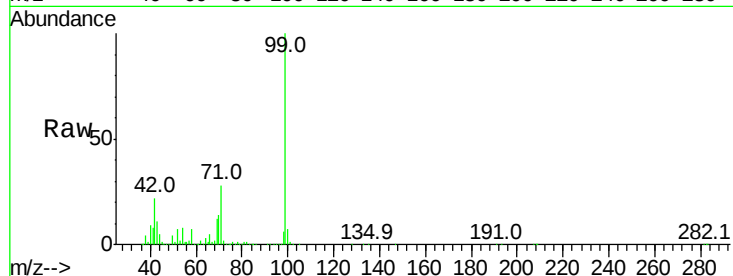
BNA_M

ClientSampleId :

3828-SPP4-DUP

Tot Ion: 99 Resp: 1705537

Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.0	16.4#
71	27.9	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

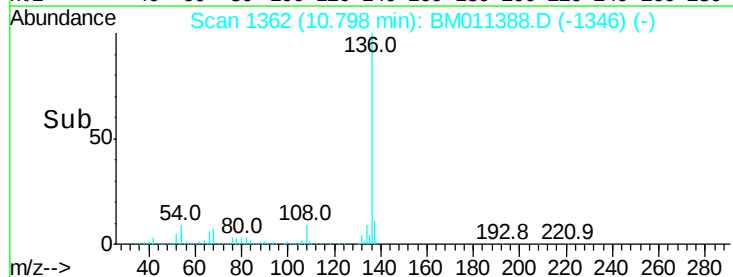
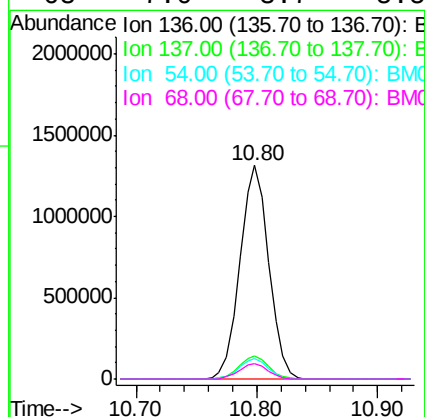
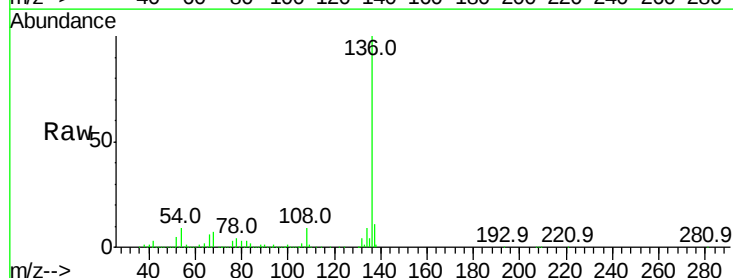
Delta R.T. -0.01 min

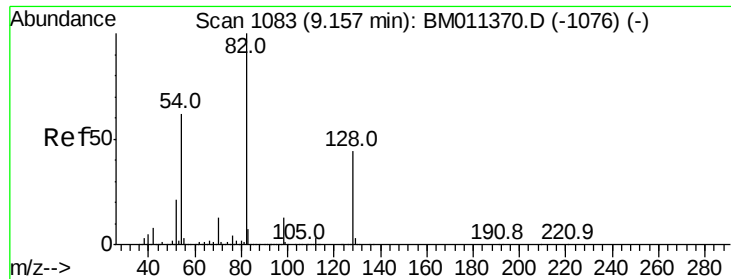
Lab File: BM011388.D

Acq: 01 Sep 2017 00:57

Tgt Ion: 136 Resp: 2181114

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.4	4.6	6.8#
68	7.0	3.7	5.5#

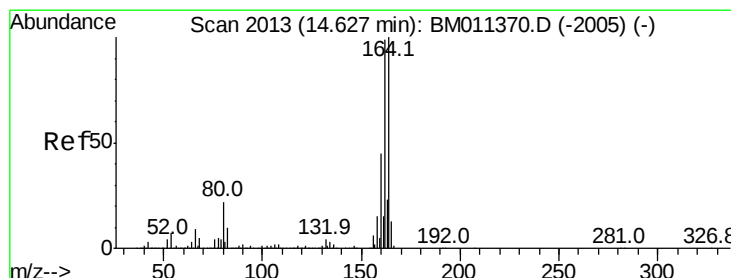
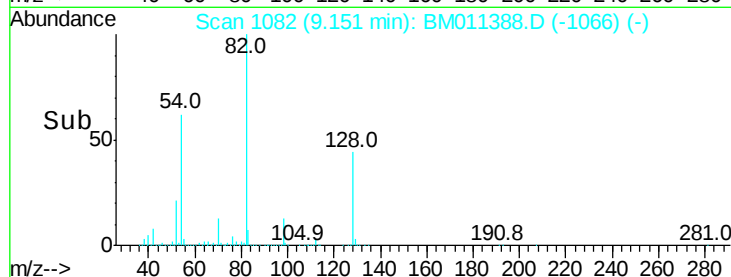
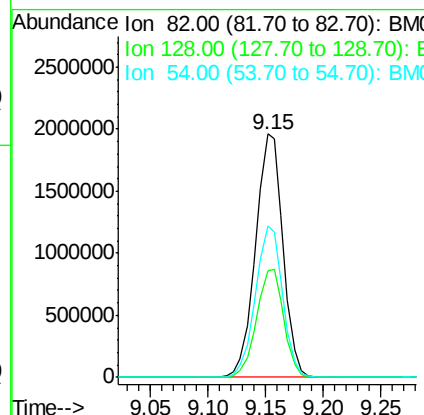
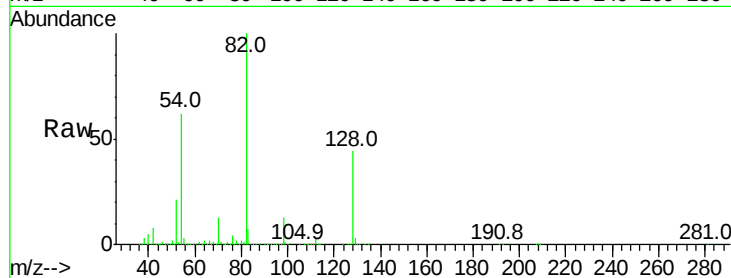




#23
 Nitrobenzene-d5
 Concen: 97.694 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

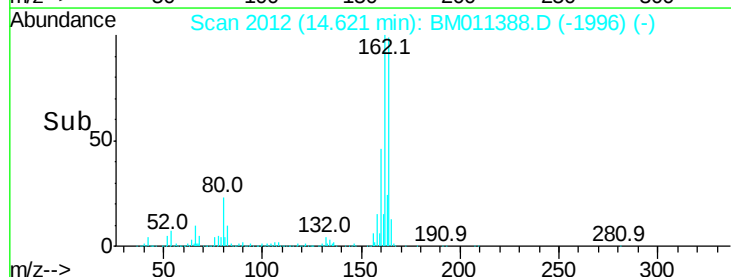
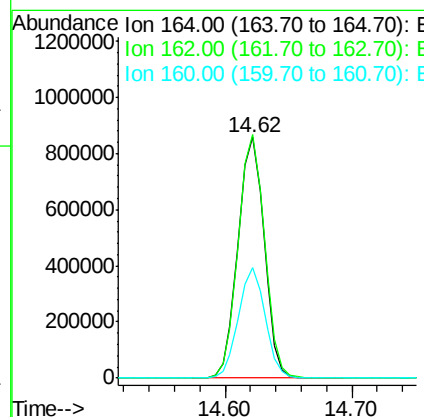
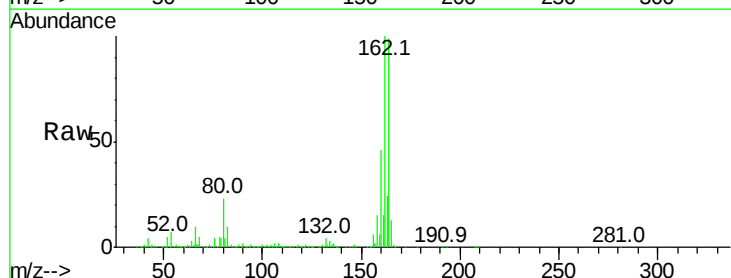
Instrument :
 BNA_M
 ClientSampleId :
 3828-SPP4-DUP

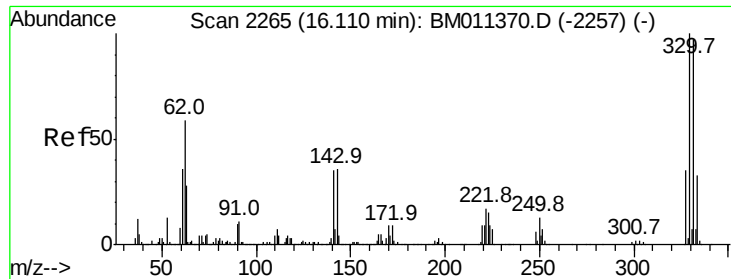
Tot Ion: 82 Resp: 3233481
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.8 49.2
 54 62.3 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

Tgt Ion:164 Resp: 1228476
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.4 123.6
 160 46.1 35.8 53.6

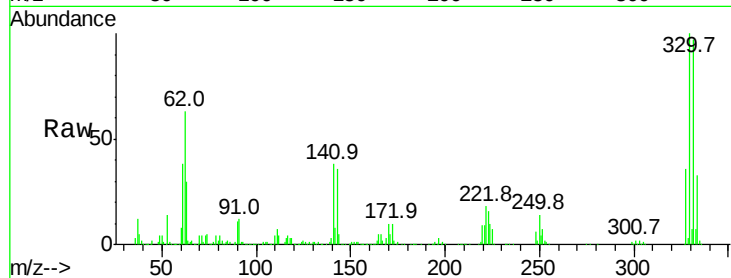




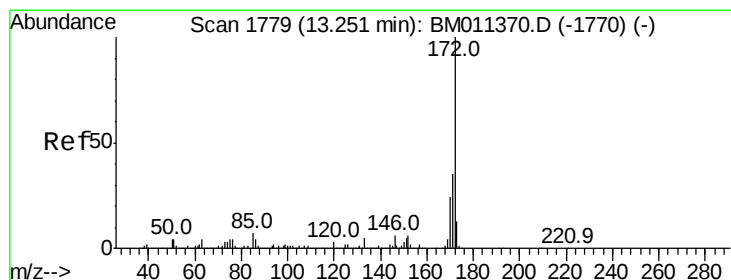
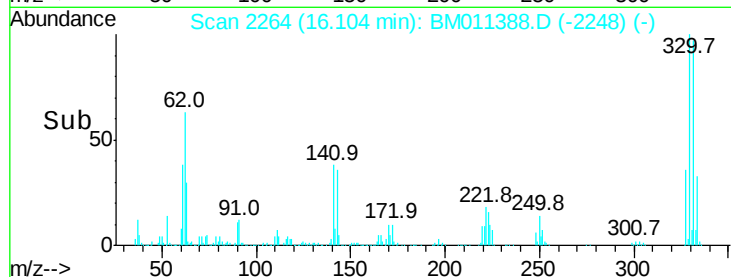
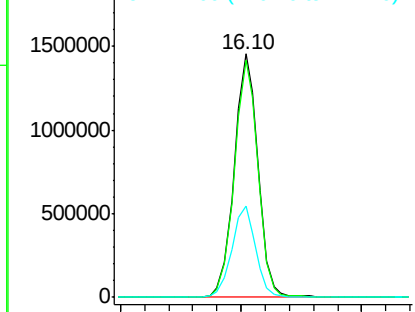
#41
 2,4,6-Tribromophenol
 Concen: 140.217 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

Instrument :
 BNA_M
 ClientSampleId :
 3828-SPP4-DUP

Tot Ion:330 Resp: 1992896
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 37.6 0.0 0.0#

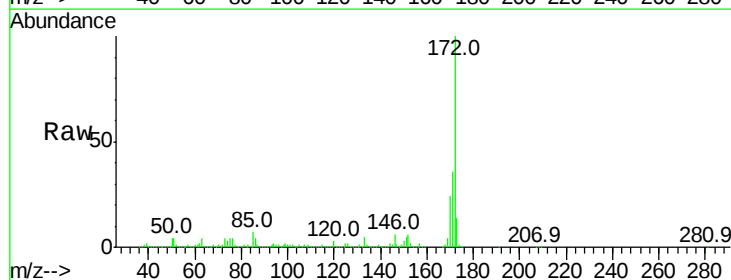


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

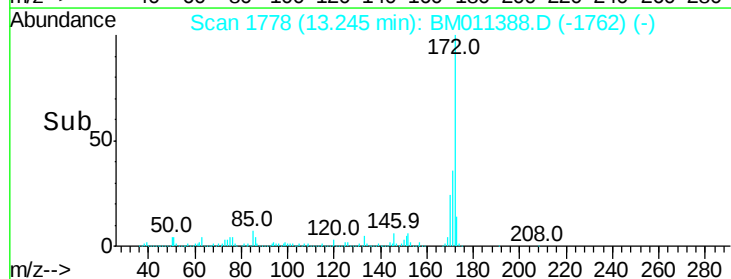
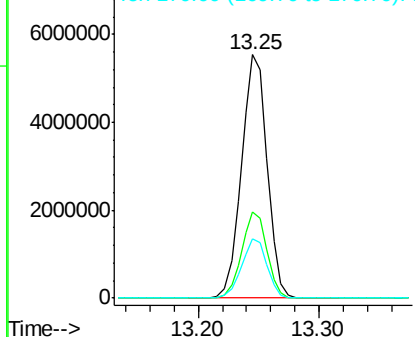


#44
 2-Fluorobiphenyl
 Concen: 96.130 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

Tgt Ion:172 Resp: 8192545
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.2 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

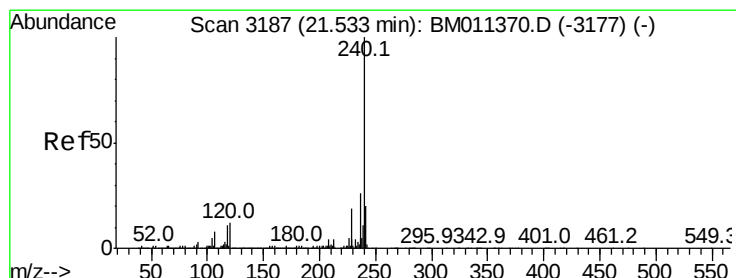
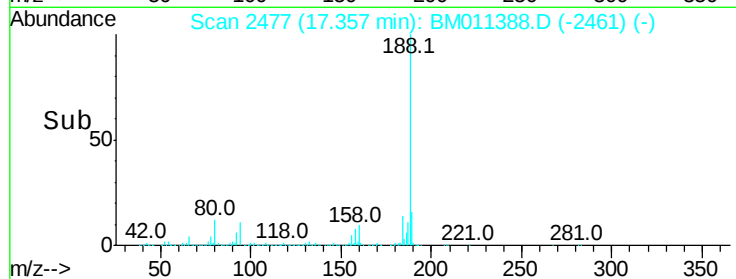
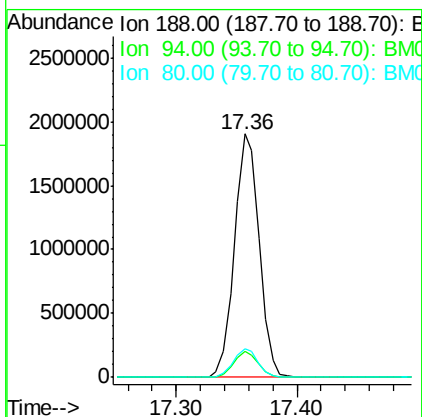
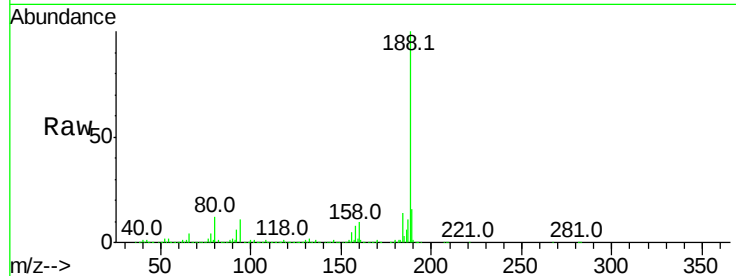




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011388.D
Acq: 01 Sep 2017 00:57

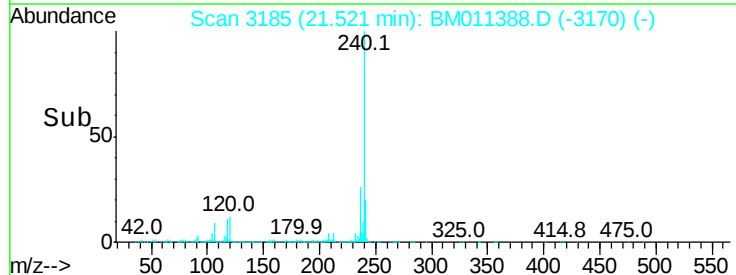
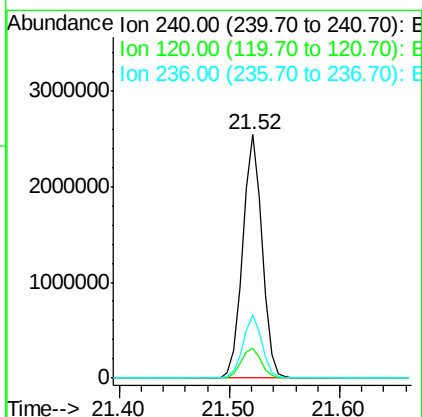
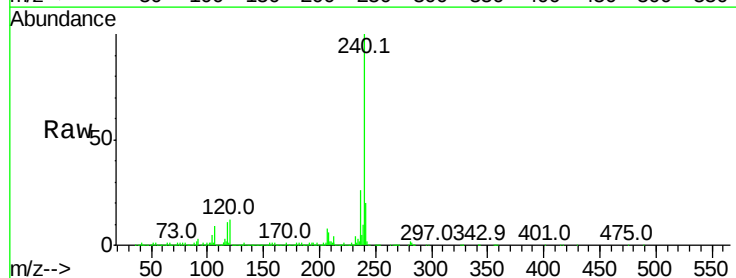
Instrument :
BNA_M
ClientSampleId :
3828-SPP4-DUP

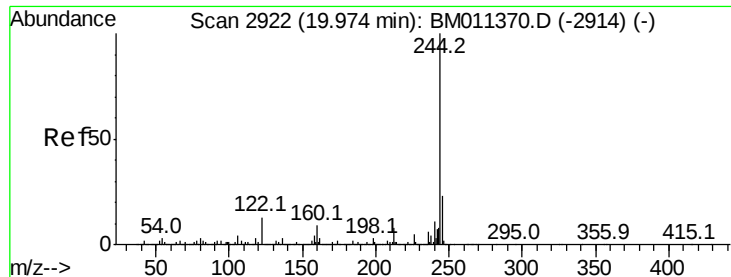
Tot Ion:188 Resp: 2714628
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011388.D
Acq: 01 Sep 2017 00:57

Tgt Ion:240 Resp: 3144315
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.2
236 25.7 20.0 30.0

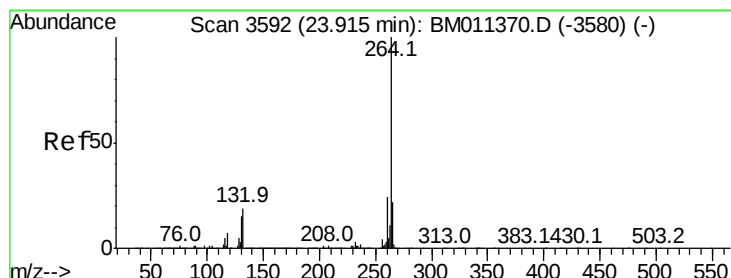
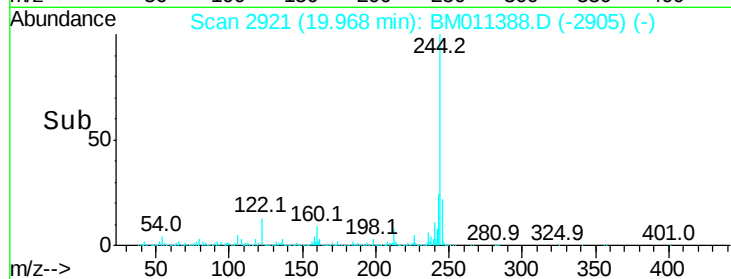
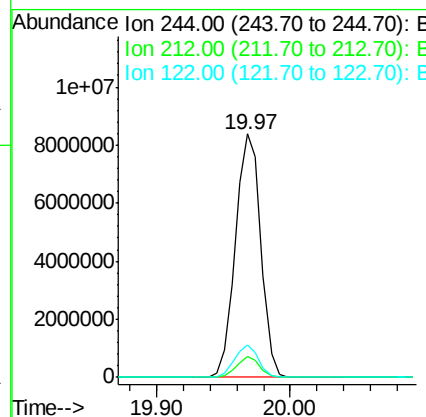
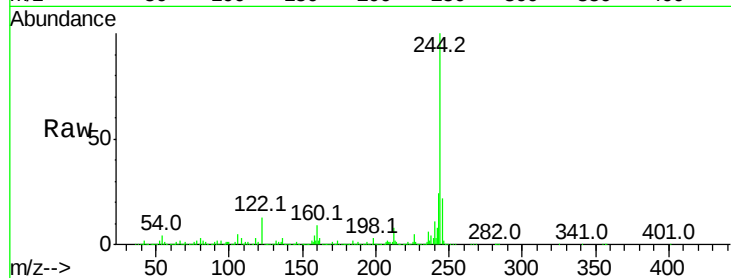




#78
 Terphenyl-d14
 Concen: 87.603 ng
 RT: 19.97 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

Instrument :
 BNA_M
 ClientSampleId :
 3828-SPP4-DUP

Tot Ion:244 Resp:11101492
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 13.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3590
 Delta R.T. -0.01 min
 Lab File: BM011388.D
 Acq: 01 Sep 2017 00:57

Tgt Ion:264 Resp: 2987890
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.8 17.3 25.9

