

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011356.D
 Acq On : 25 Aug 2017 22:41
 Operator : SJ/JU
 Sample : I4945-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4-COMP

Quant Time: Aug 26 01:09:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	97068	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	320234	20.00	ng	-0.03
38) Acenaphthene-d10	13.93	164	211183	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	539394	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	729573	20.00	ng	-0.02
86) Perylene-d12	22.99	264	733089	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	791431	137.83	ng	-0.02
7) Phenol-d6	6.47	99	1066425	130.71	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1091687	127.95	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	414732	122.53	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1580740	93.87	ng	-0.02
78) Terphenyl-d14	19.36	244	2861372	77.69	ng	-0.02

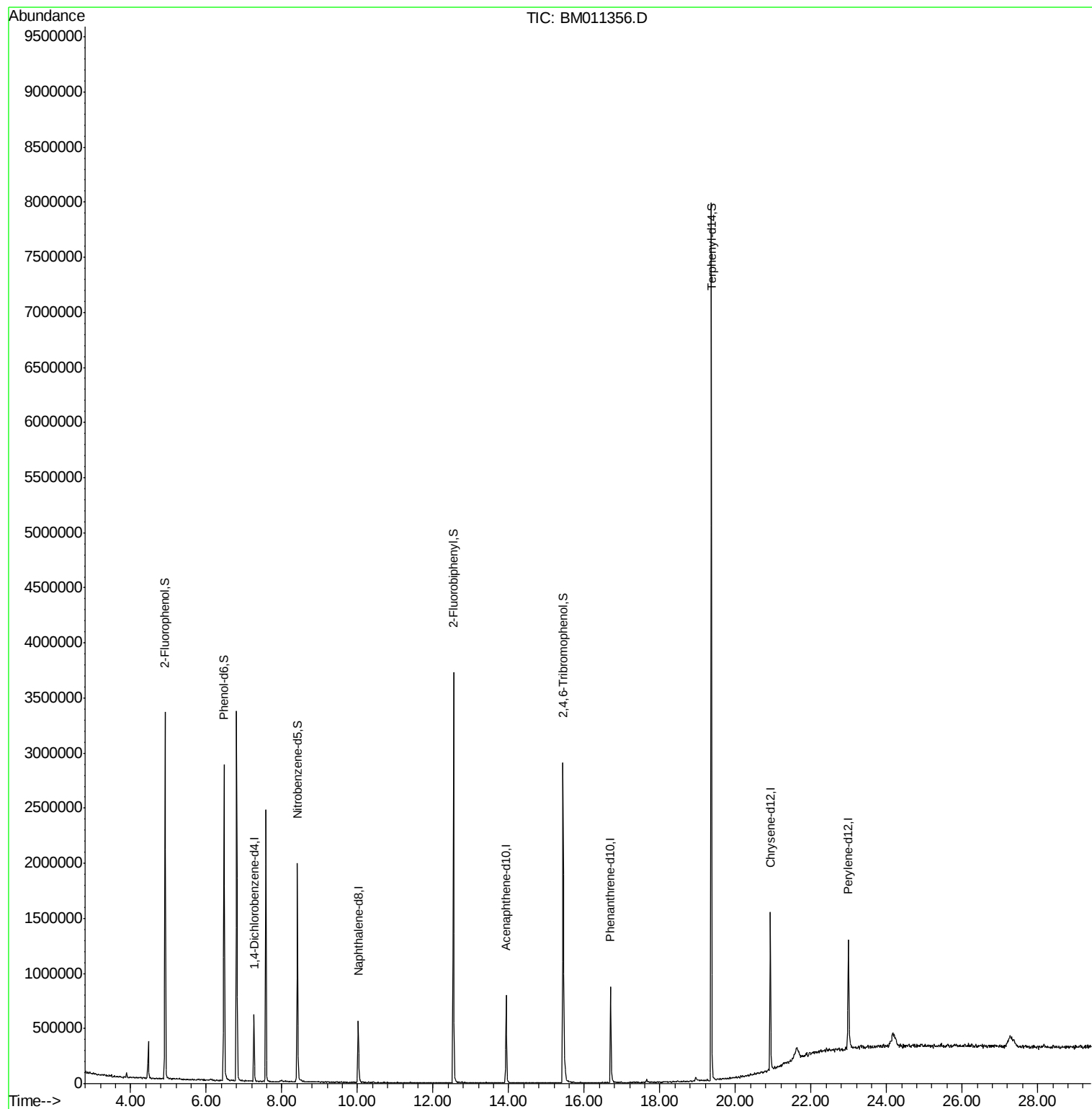
Target Compounds Qvalue

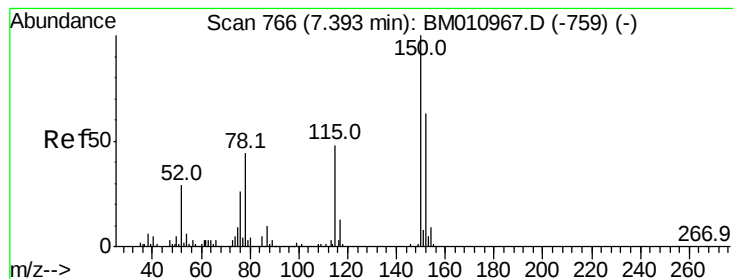
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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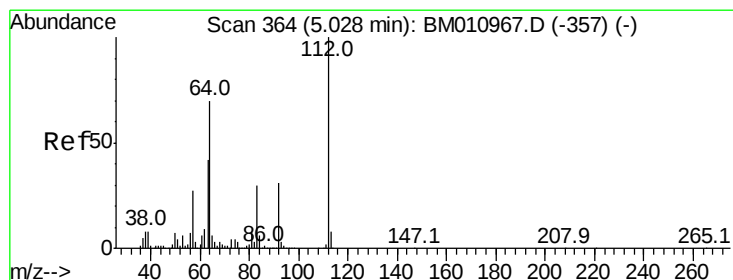
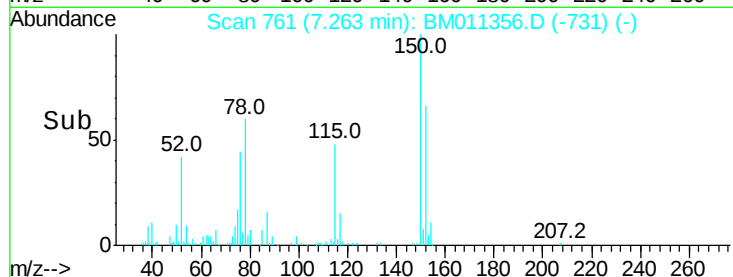
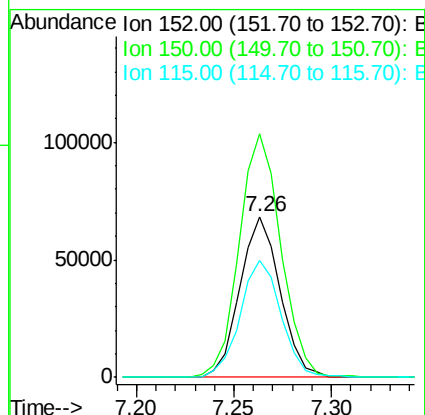
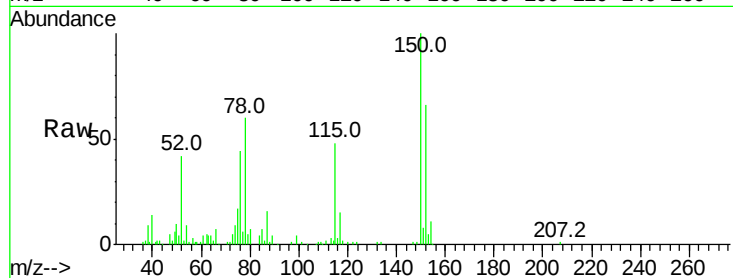


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011356.D
Acq: 25 Aug 2017 22:41

Instrument :
BNA_M
ClientSampleId :
SP-1-4-COMP

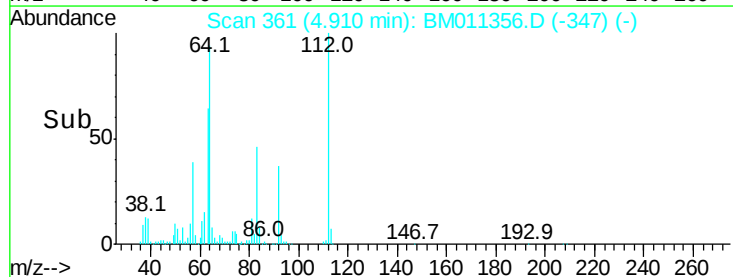
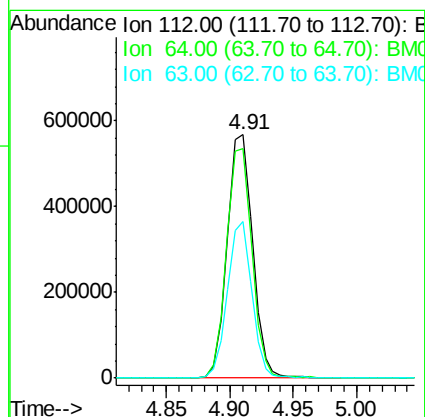
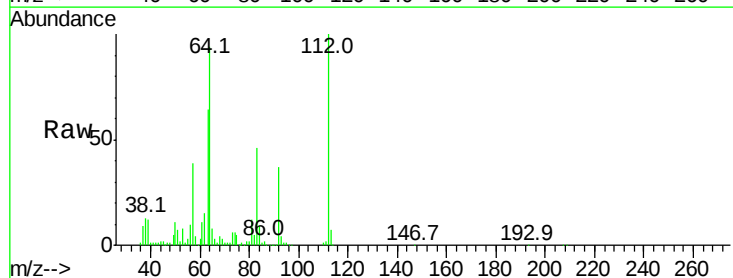
Tot Ion:152 Resp: 97068
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 73.1 43.0 64.4#

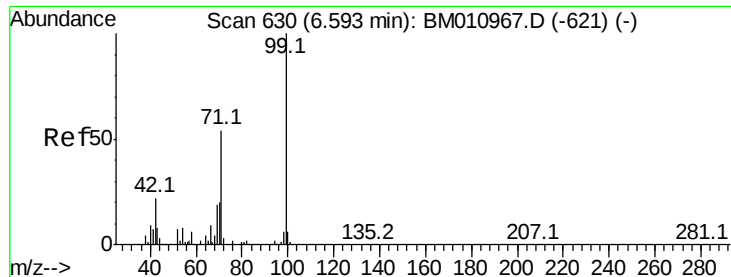


#5

2-Fluorophenol
Concen: 137.828 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011356.D
Acq: 25 Aug 2017 22:41

Tgt Ion:112 Resp: 791431
Ion Ratio Lower Upper
112 100
64 94.3 38.6 57.8#
63 64.1 19.3 28.9#





#7

Phenol-d6

Concen: 130.712 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011356.D

Acq: 25 Aug 2017 22:41

Instrument :

BNA_M

ClientSampleId :

SP-1-4-COMP

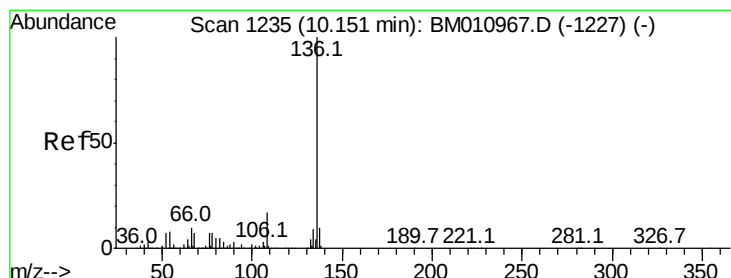
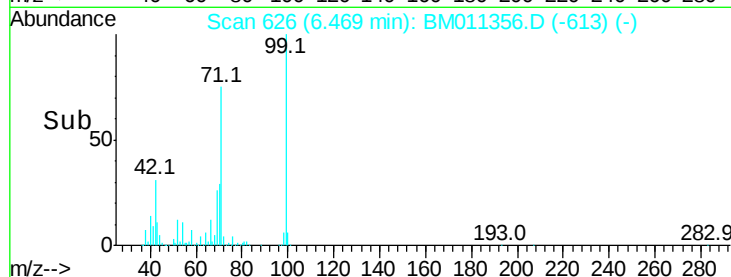
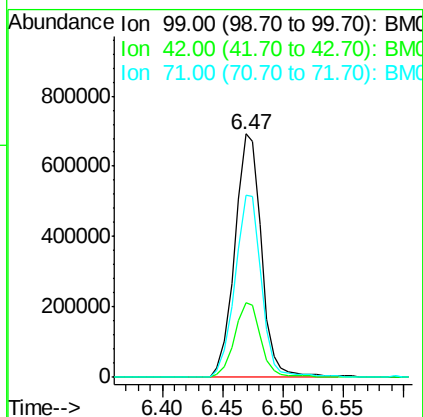
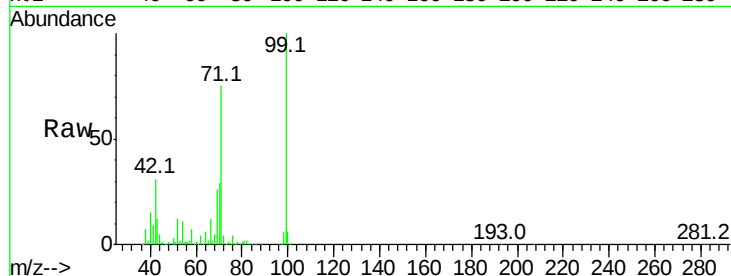
Tot Ion: 99 Resp: 1066425

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

71 74.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BM011356.D

Acq: 25 Aug 2017 22:41

Tgt Ion: 136 Resp: 320234

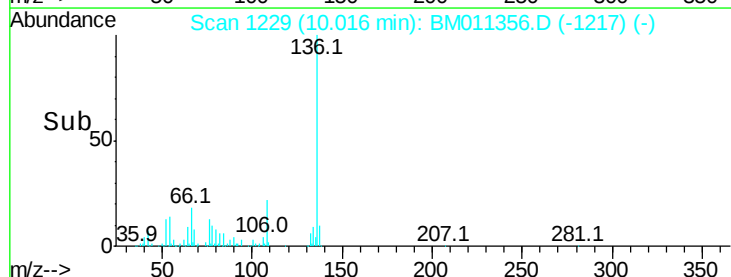
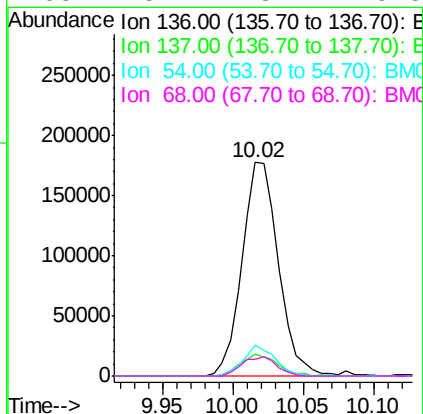
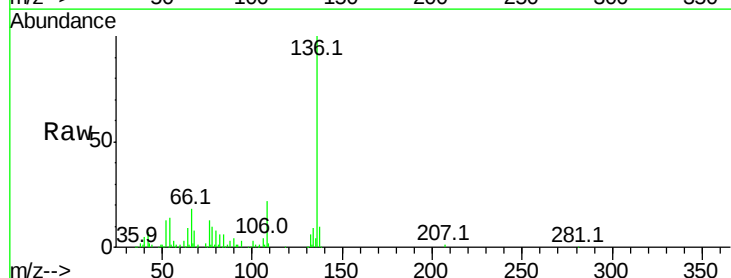
Ion Ratio Lower Upper

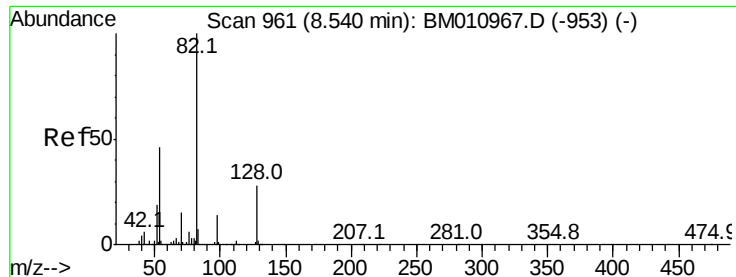
136 100

137 10.0 8.7 13.1

54 14.2 4.6 6.8#

68 8.1 3.7 5.5#

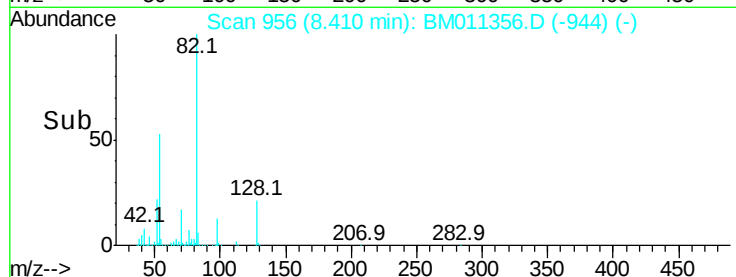
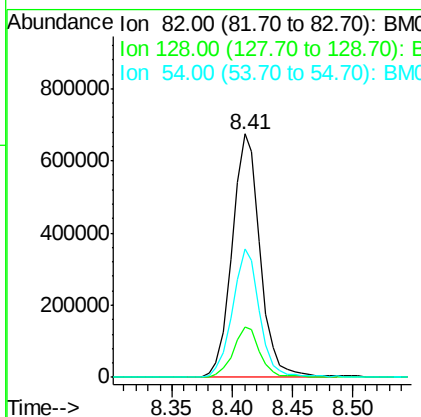
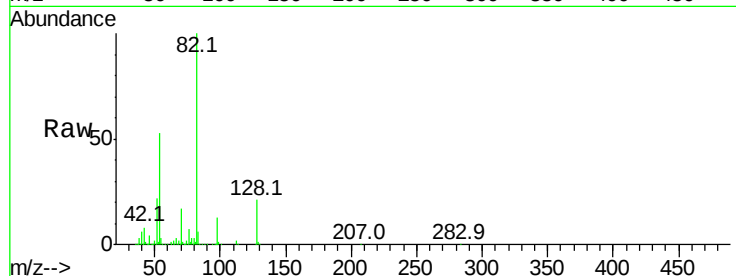




#23
 Nitrobenzene-d5
 Concen: 127.946 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011356.D
 Acq: 25 Aug 2017 22:41

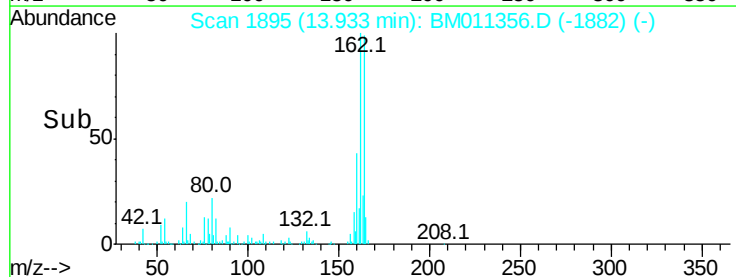
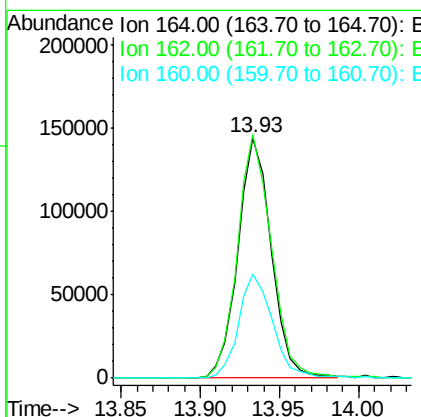
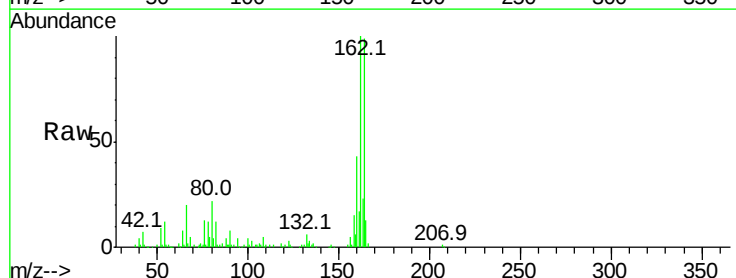
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4-COMP

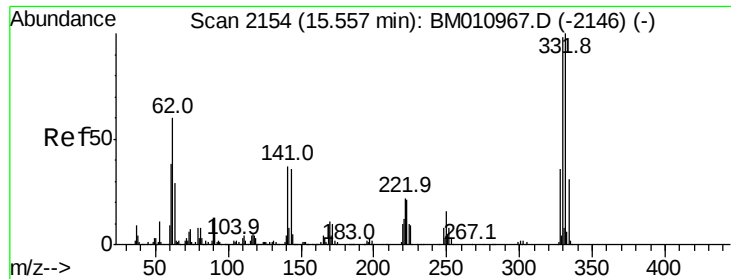
Tot Ion: 82 Resp: 1091687
 Ion Ratio Lower Upper
 82 100
 128 20.9 32.8 49.2#
 54 52.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011356.D
 Acq: 25 Aug 2017 22:41

Tgt Ion:164 Resp: 211183
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 43.5 35.8 53.6

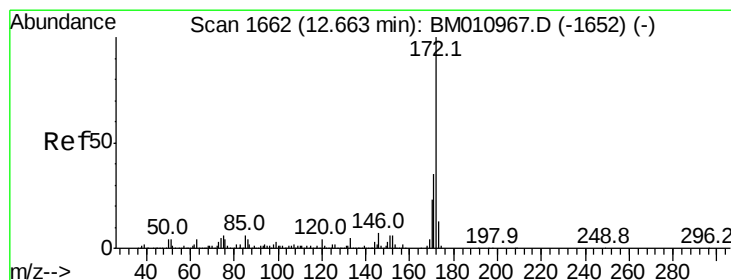
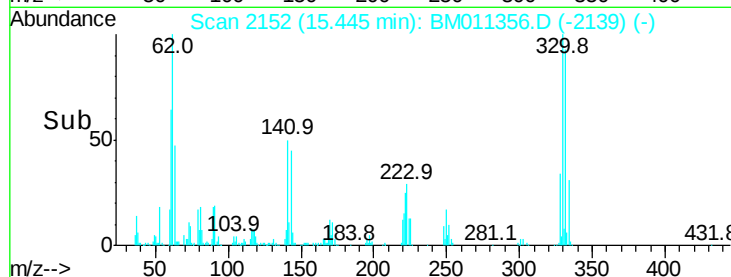
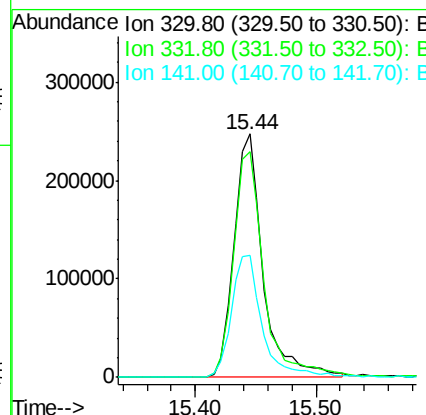
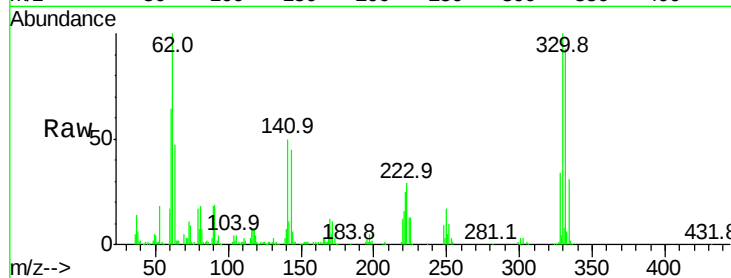




#41
 2,4,6-Tribromophenol
 Concen: 122.527 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011356.D
 Acq: 25 Aug 2017 22:41

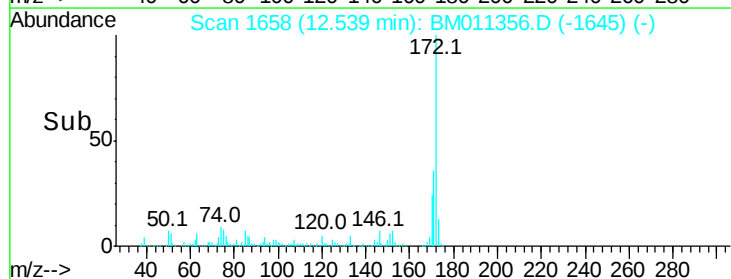
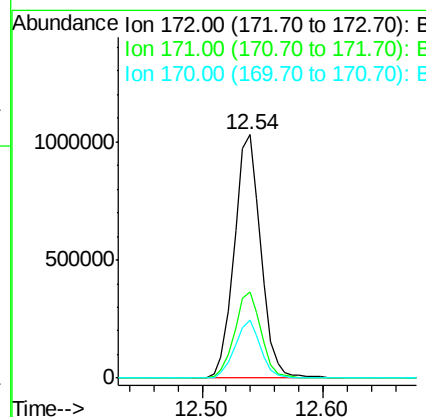
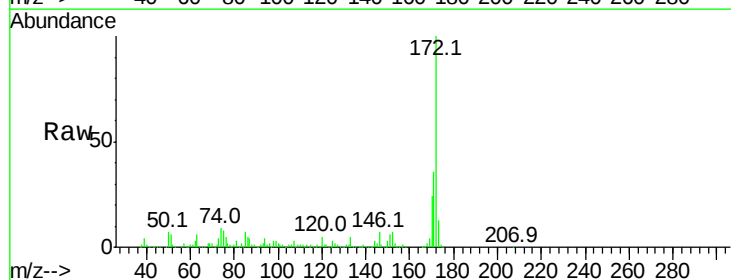
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4-COMP

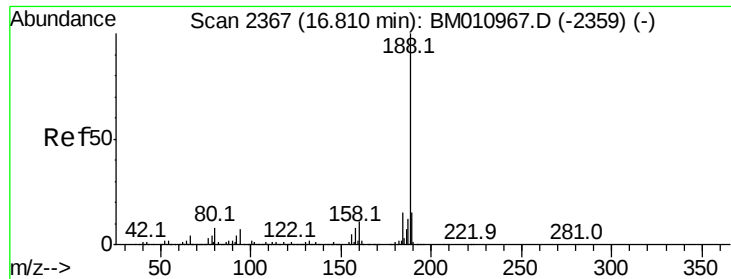
Tot Ion:330 Resp: 414732
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 52.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 93.874 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011356.D
 Acq: 25 Aug 2017 22:41

Tgt Ion:172 Resp: 1580740
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.1 18.8 28.2

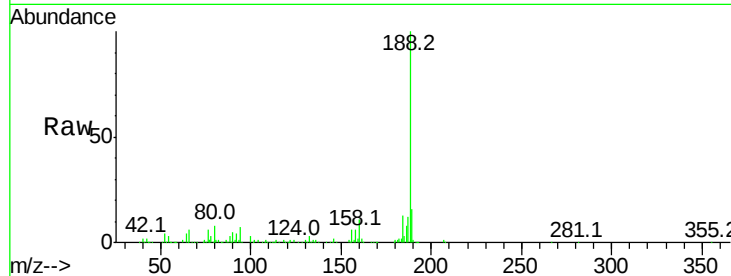




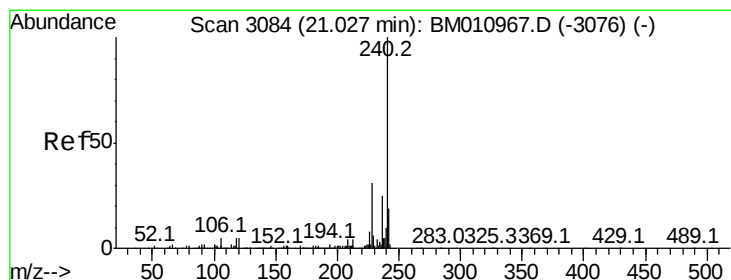
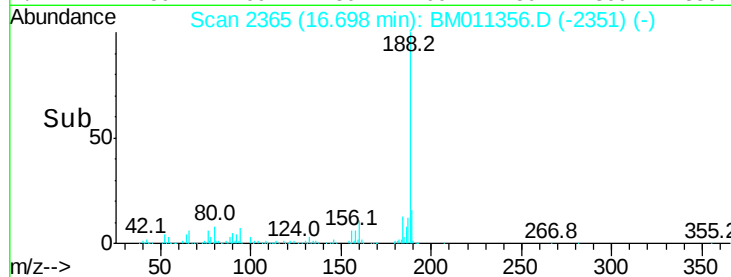
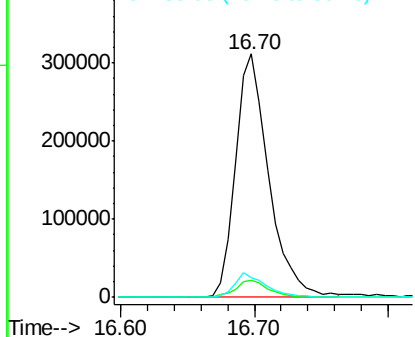
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011356.D
Acq: 25 Aug 2017 22:41

Instrument :
BNA_M
ClientSampleId :
SP-1-4-COMP

Tot Ion:188 Resp: 539394
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.9 9.3 13.9#

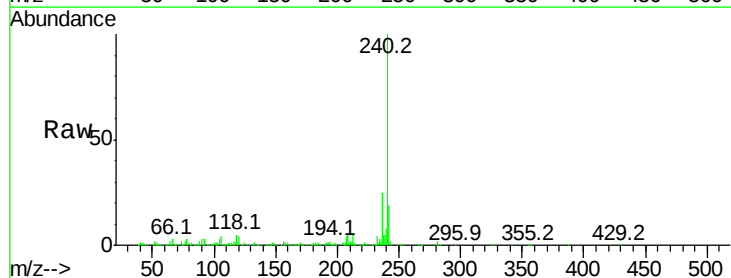


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

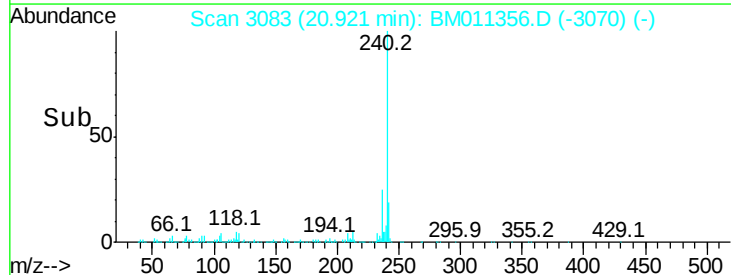
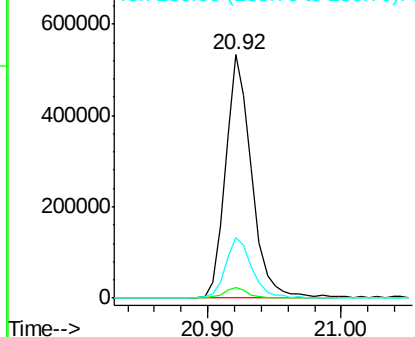


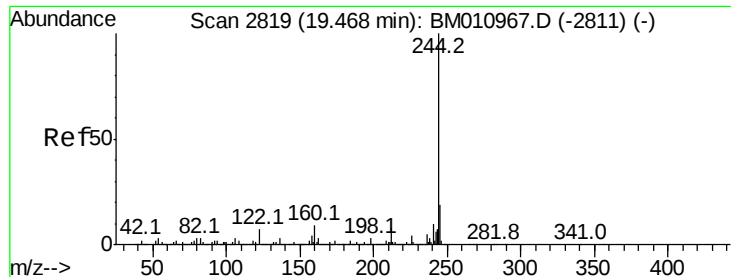
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011356.D
Acq: 25 Aug 2017 22:41

Tgt Ion:240 Resp: 729573
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 24.7 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: 77.689 ng

RT: 19.36 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BM011356.D

Acq: 25 Aug 2017 22:41

Instrument :

BNA_M

ClientSampleId :

SP-1-4-COMP

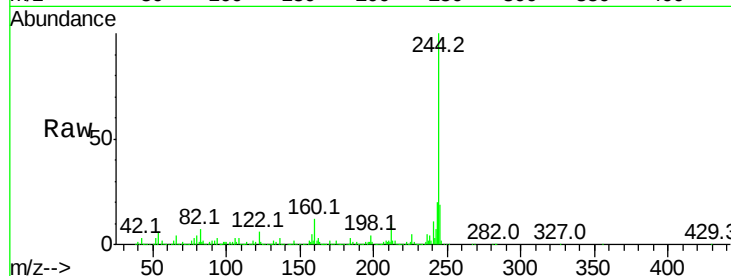
Tot Ion:244 Resp: 2861372

Ion Ratio Lower Upper

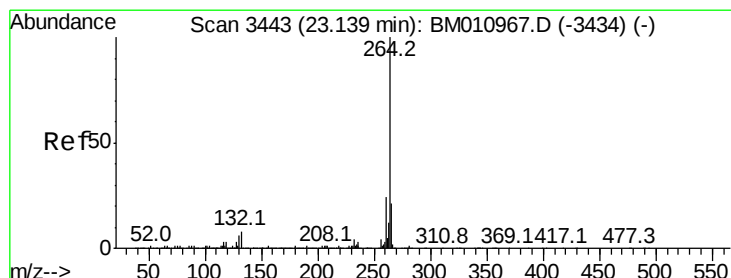
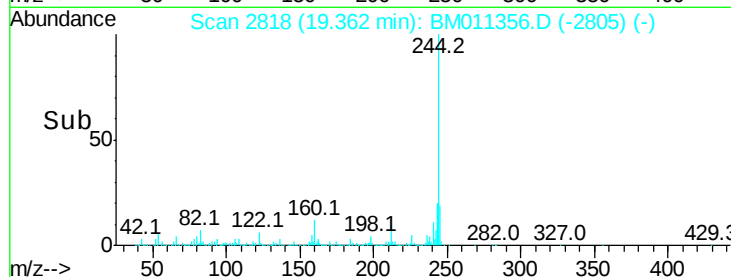
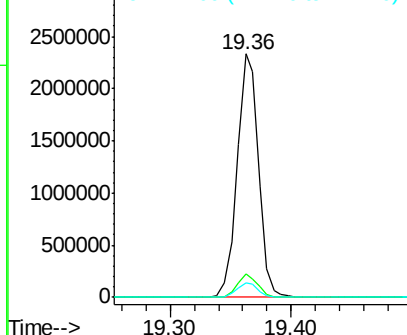
244 100

212 9.5 4.9 7.3#

122 6.0 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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011356.D

Acq: 25 Aug 2017 22:41

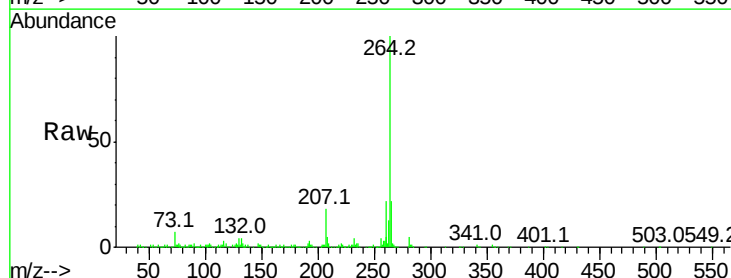
Tgt Ion:264 Resp: 733089

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.2 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

