

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011256.D
 Acq On : 16 Aug 2017 14:10
 Operator : SJ/JU
 Sample : I4795-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 17 01:10:15 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	7.29	152	91204	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	292904	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	172280	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	449250	20.00	ng	0.00
75) Chrysene-d12	20.94	240	567496	20.00	ng	0.00
86) Perylene-d12	23.02	264	95646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	268543	49.77	ng	0.00
7) Phenol-d6	6.49	99	294780	38.45	ng	0.00
23) Nitrobenzene-d5	8.43	82	363039	46.52	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	125387	45.41	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	599914	43.67	ng	0.00
78) Terphenyl-d14	19.39	244	1057952	36.93	ng	0.00

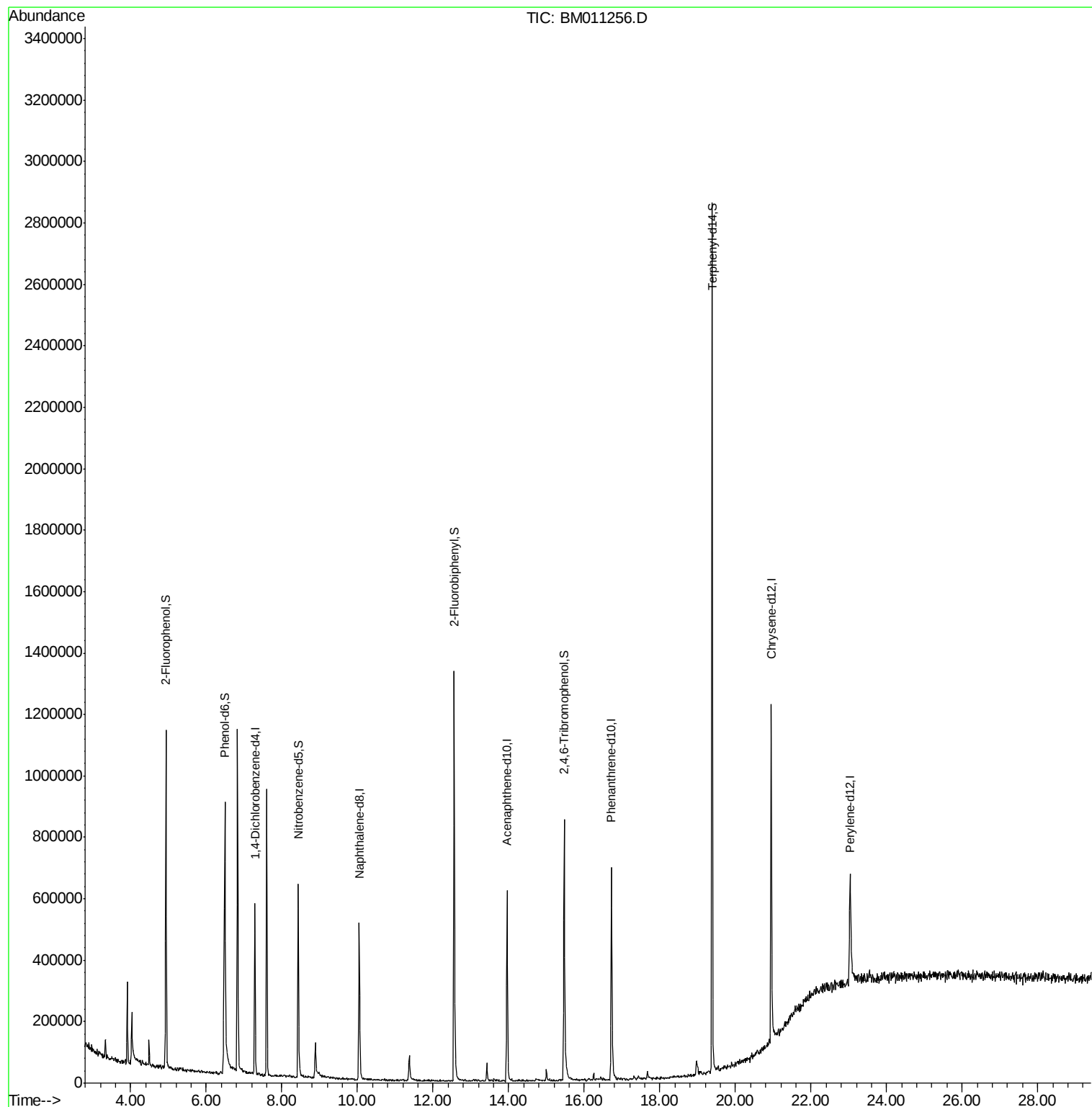
Target Compounds Qvalue

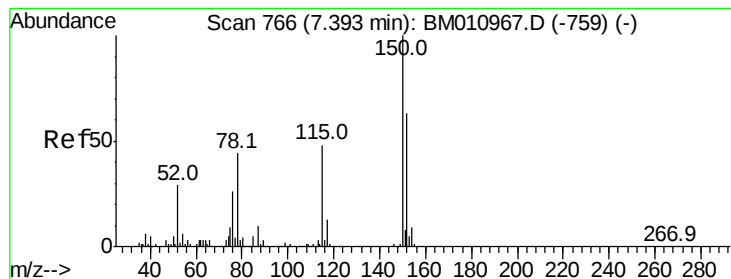
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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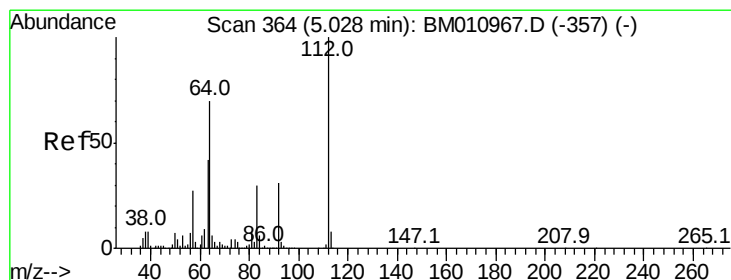
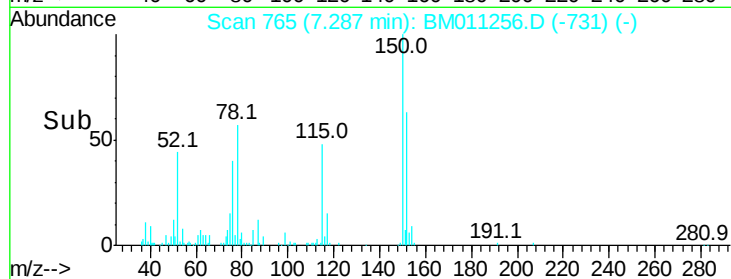
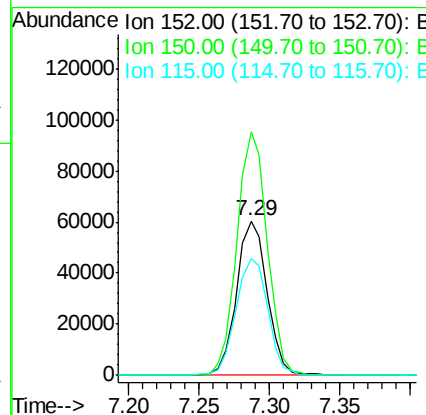
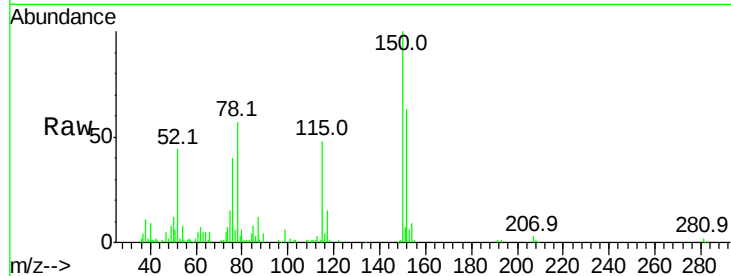


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

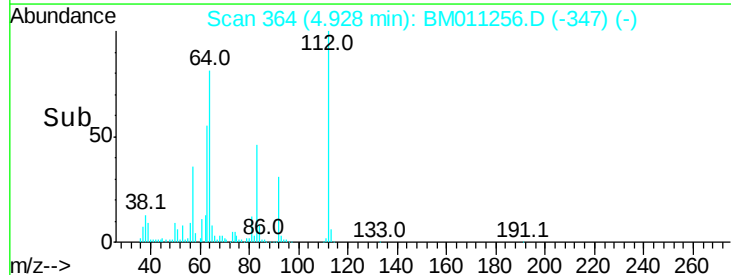
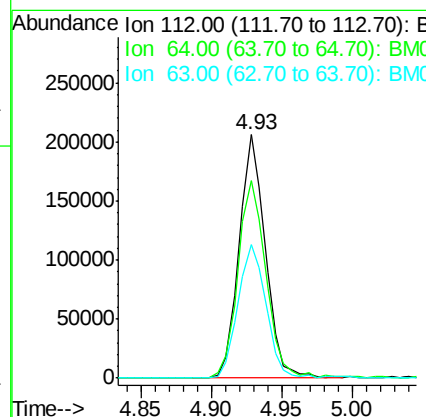
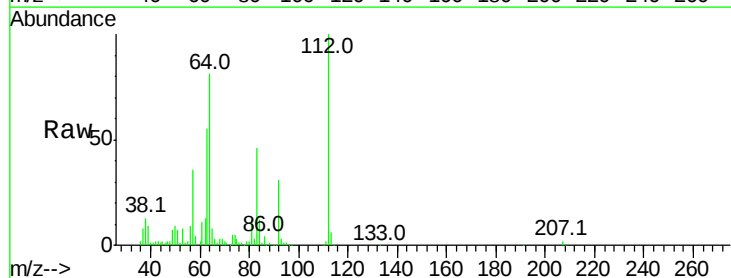
Tot Ion:152 Resp: 91204
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 75.8 43.0 64.4#

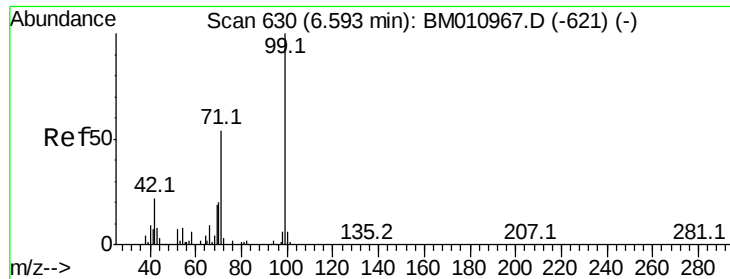


#5

2-Fluorophenol
Concen: 49.774 ng
RT: 4.93 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

Tgt Ion:112 Resp: 268543
Ion Ratio Lower Upper
112 100
64 81.3 38.6 57.8#
63 54.7 19.3 28.9#





#7

Phenol-d6

Concen: 38.454 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

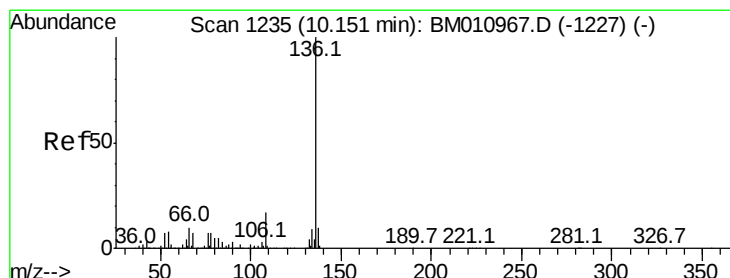
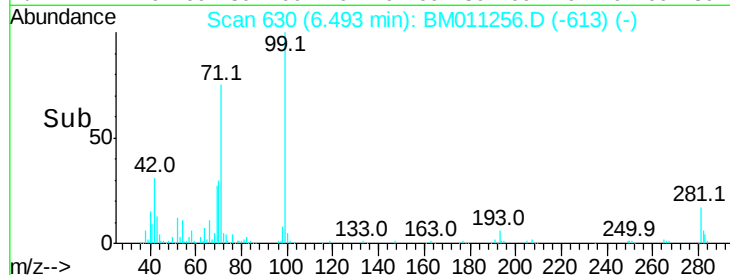
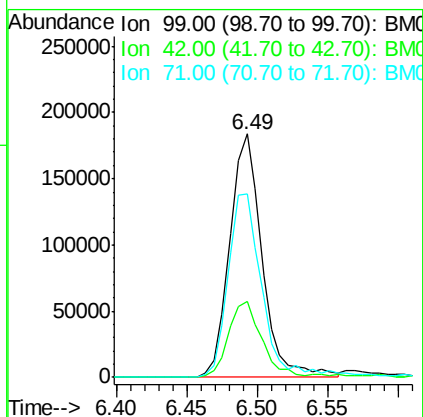
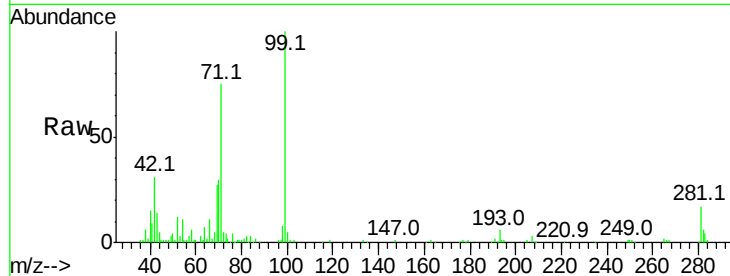
Tot Ion: 99 Resp: 294780

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 75.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Tgt Ion: 136 Resp: 292904

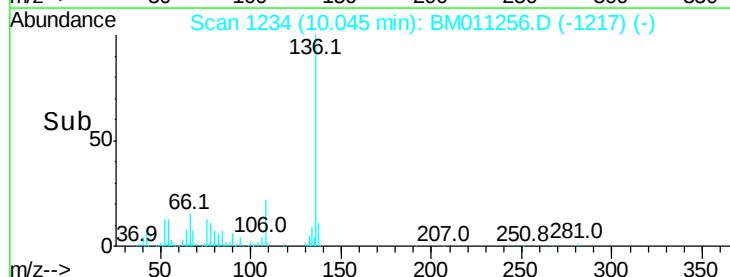
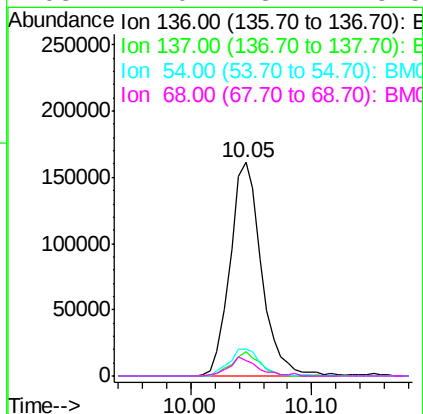
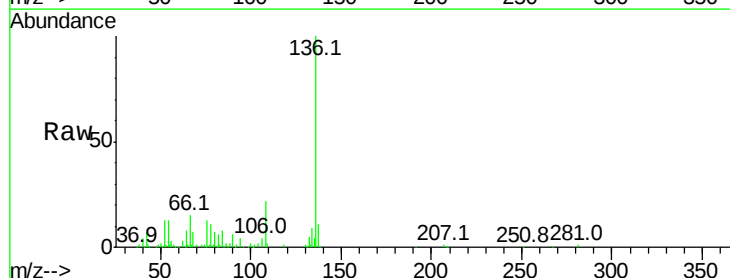
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 12.7 4.6 6.8#

68 7.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 46.518 ng

RT: 8.43 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampled :

SP-1-COMP

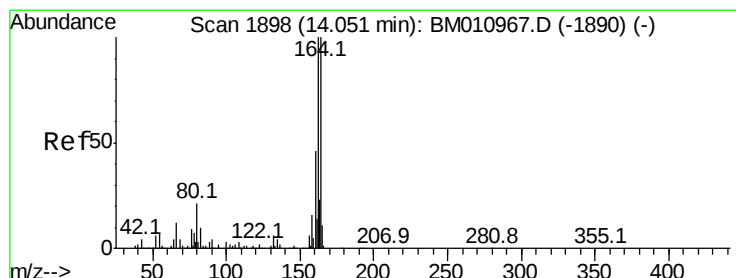
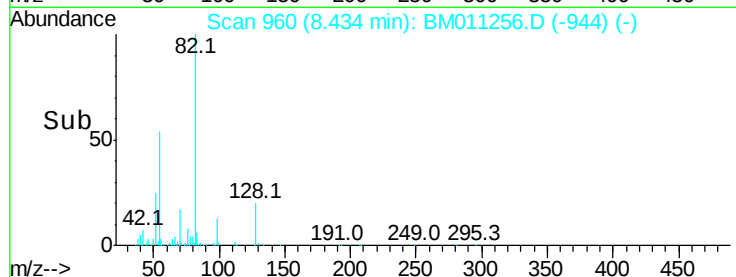
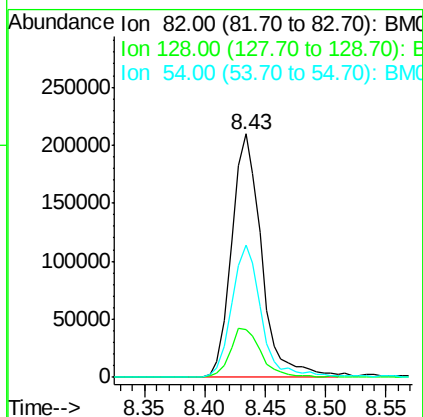
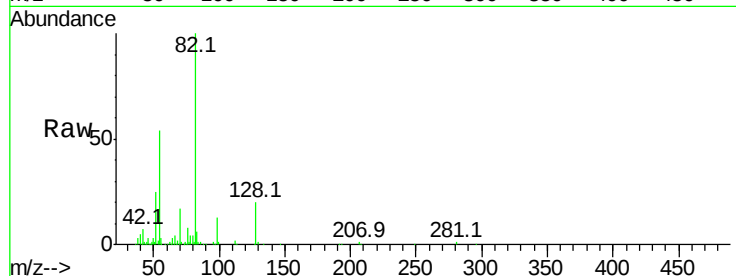
Tot Ion: 82 Resp: 363039

Ion Ratio Lower Upper

82 100

128 19.5 32.8 49.2#

54 54.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

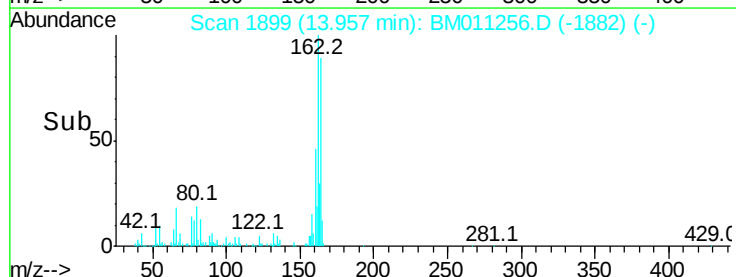
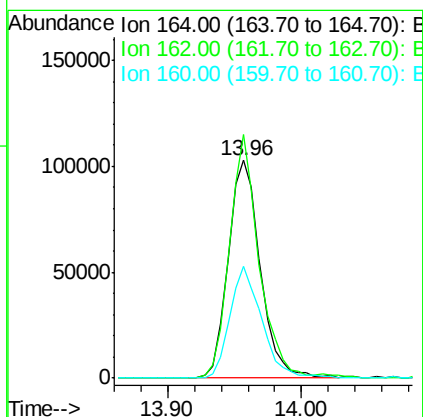
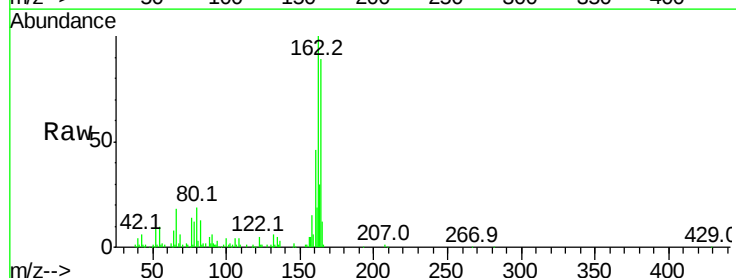
Tgt Ion:164 Resp: 172280

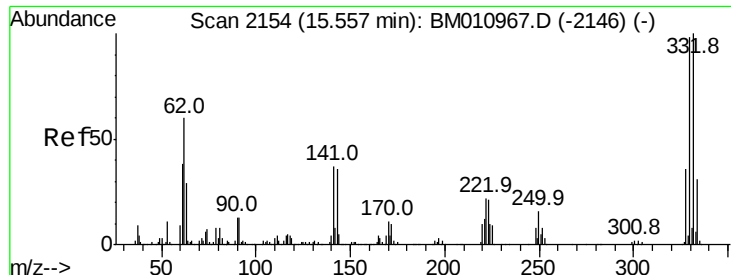
Ion Ratio Lower Upper

164 100

162 111.9 82.4 123.6

160 51.3 35.8 53.6

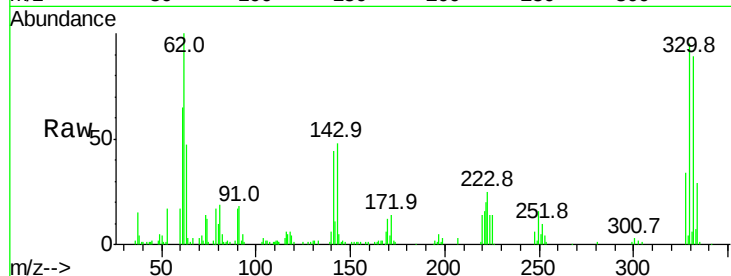




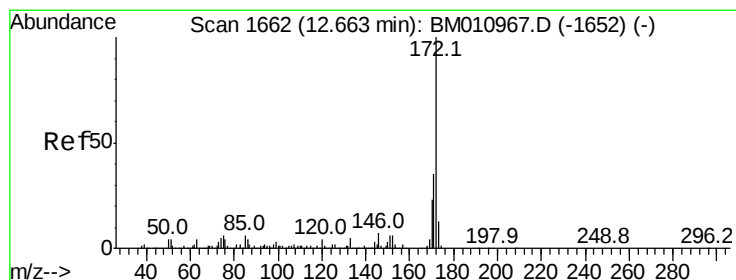
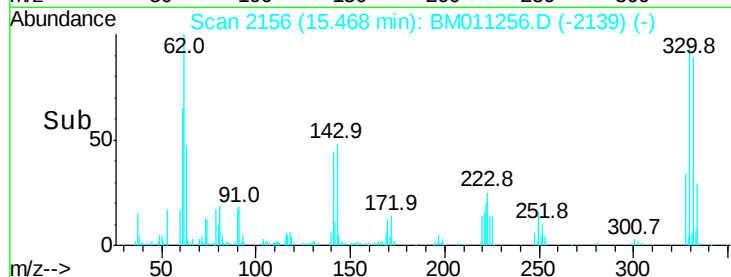
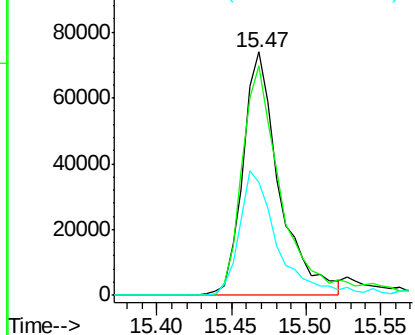
#41
 2,4,6-Tribromophenol
 Concen: 45.409 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Tot Ion:330 Resp: 125387
 Ion Ratio Lower Upper
 330 100
 332 101.0 0.0 0.0#
 141 52.8 0.0 0.0#

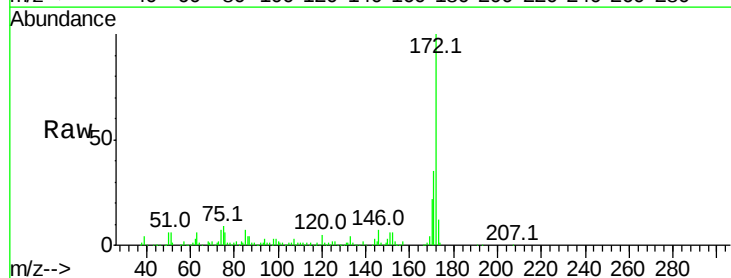


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

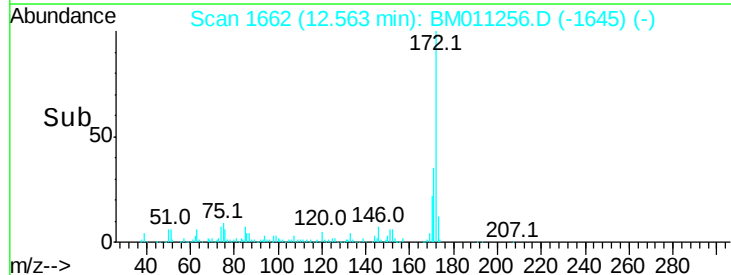
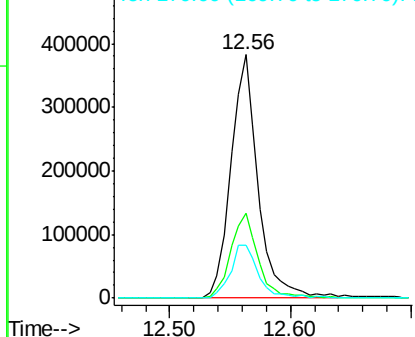


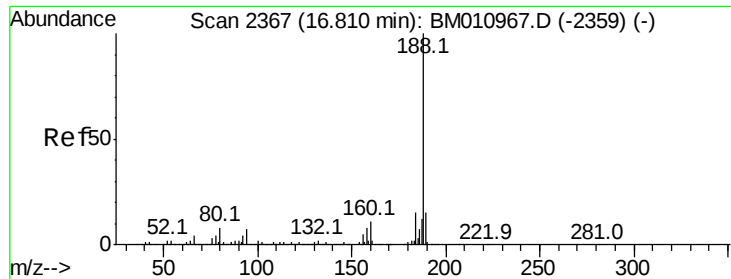
#44
 2-Fluorobiphenyl
 Concen: 43.672 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

Tgt Ion:172 Resp: 599914
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 21.8 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

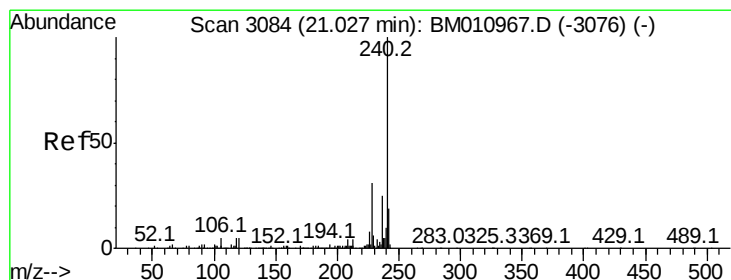
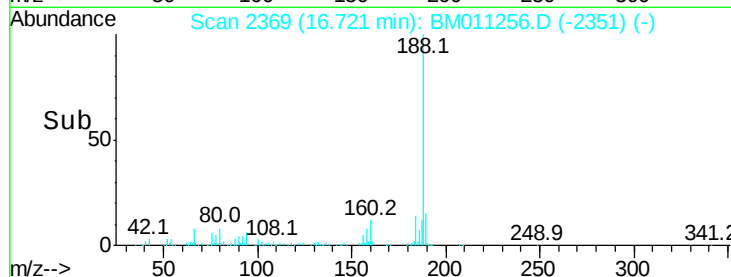
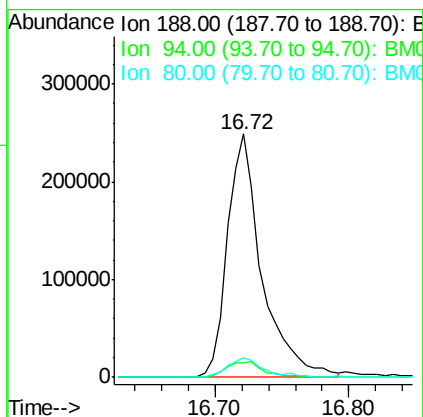
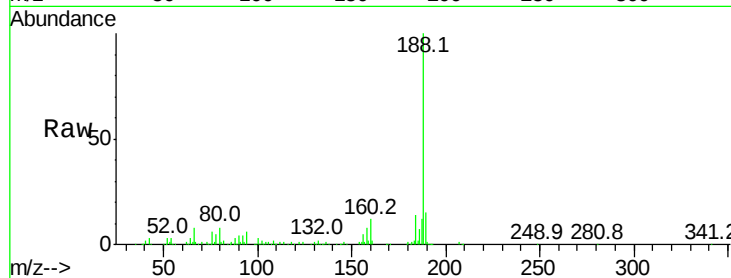




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

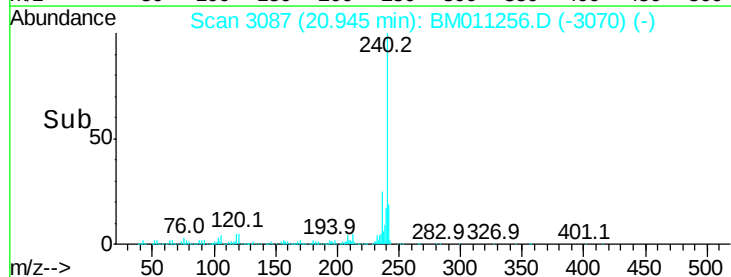
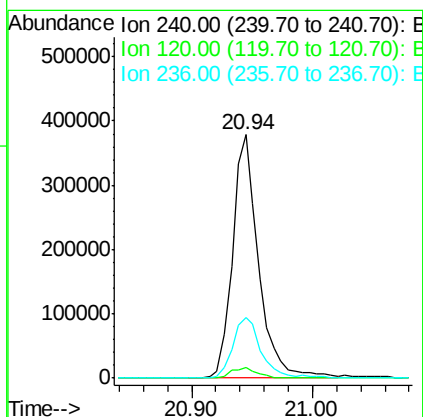
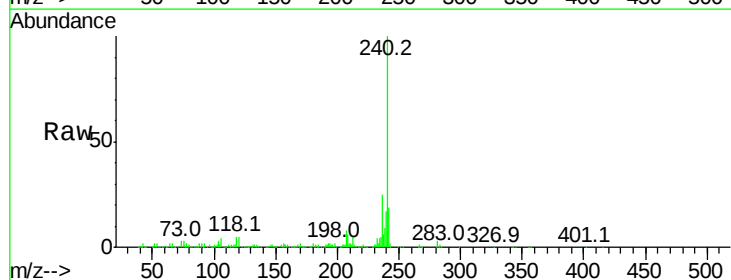
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

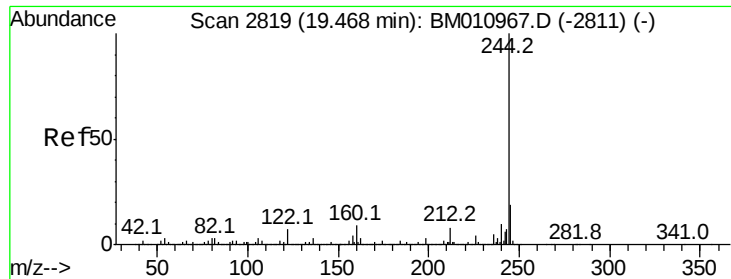
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	9.4	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	24.7	20.0	30.0

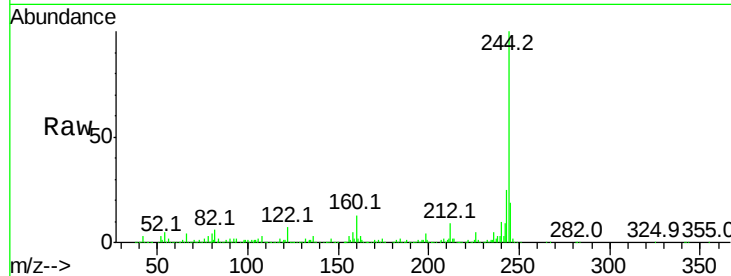




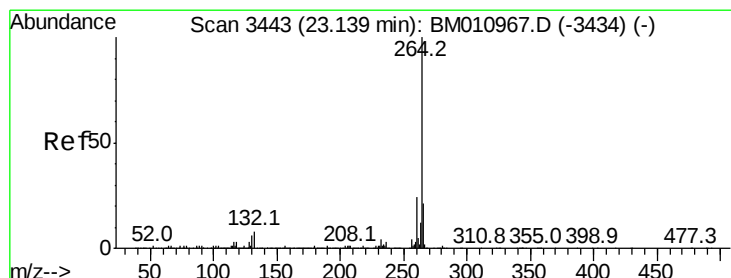
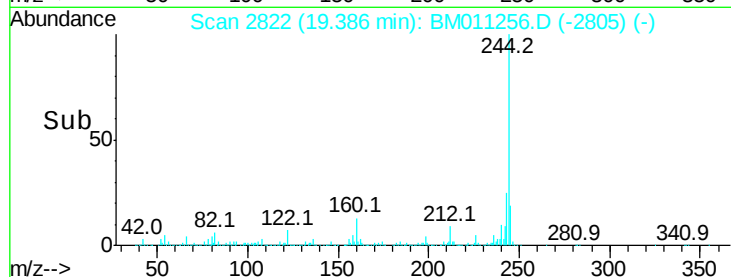
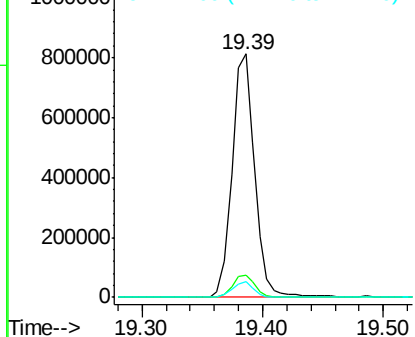
#78
 Terphenyl-d14
 Concen: 36.928 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

Instrument :
 BNA_M
 ClientSampleID :
 SP-1-COMP

Tot Ion:244 Resp: 1057952
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 6.6 6.2 9.4

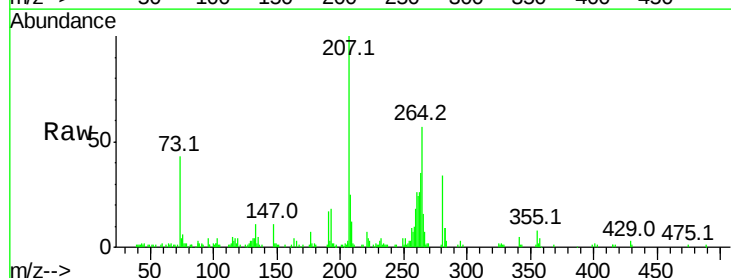


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

Tgt Ion:264 Resp: 95646
 Ion Ratio Lower Upper
 264 100
 260 45.9 18.6 27.8#
 265 28.7 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

