

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011242.D
 Acq On : 15 Aug 2017 20:38
 Operator : SJ/JU
 Sample : I4760-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 01:47:28 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 01:32:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	107201	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	362329	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	251991	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	613480	20.00	ng	0.00
75) Chrysene-d12	20.94	240	701288	20.00	ng	0.00
86) Perylene-d12	23.02	264	545408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	903876	142.53	ng	0.00
7) Phenol-d6	6.50	99	1222304	135.66	ng	0.00
23) Nitrobenzene-d5	8.44	82	1147518	118.86	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	558863	138.37	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1931048	96.11	ng	0.00
78) Terphenyl-d14	19.39	244	3196413	90.29	ng	0.00

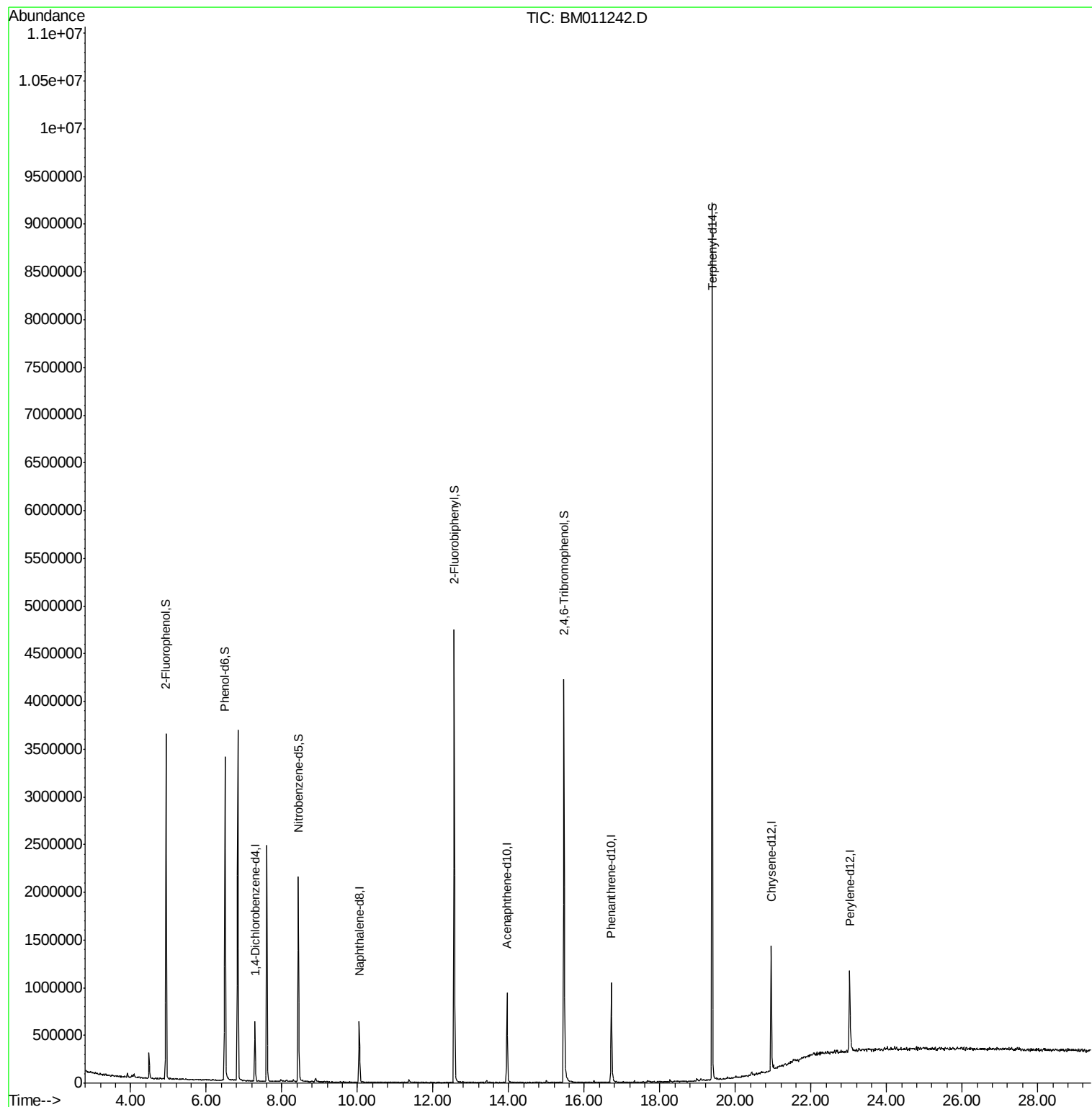
Target Compounds	Qvalue
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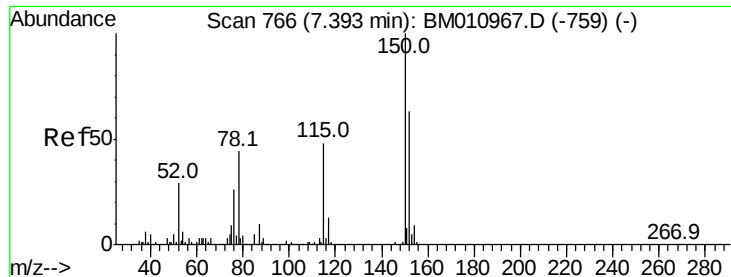
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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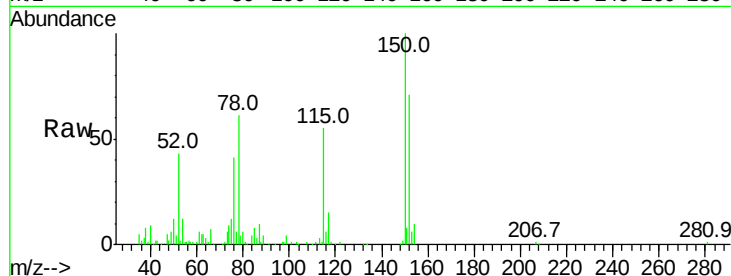


#1

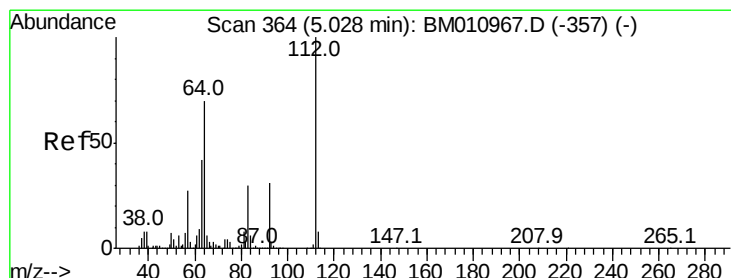
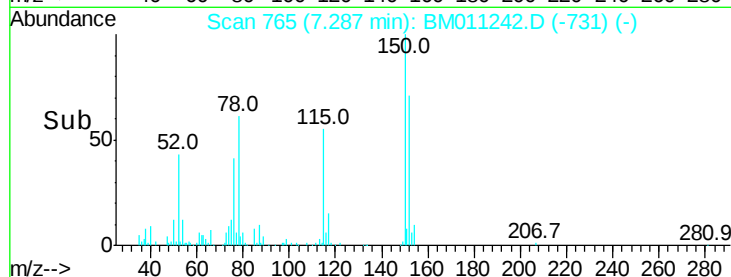
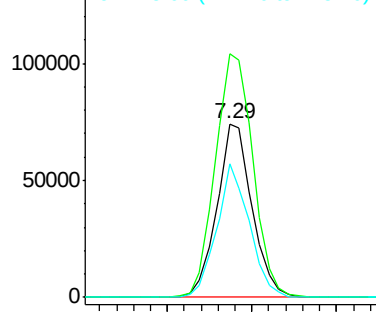
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011242.D
Acq: 15 Aug 2017 20:38

Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

Tot Ion:152 Resp: 107201
Ion Ratio Lower Upper
152 100
150 140.4 119.5 179.3
115 77.3 43.0 64.4#



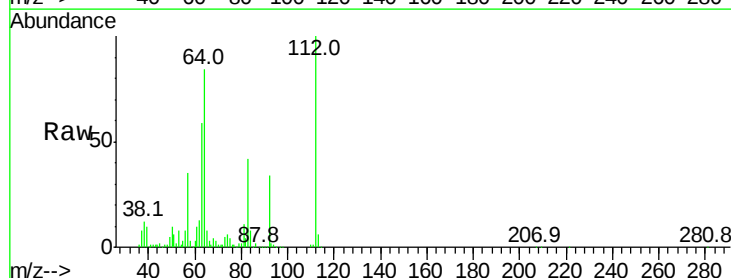
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



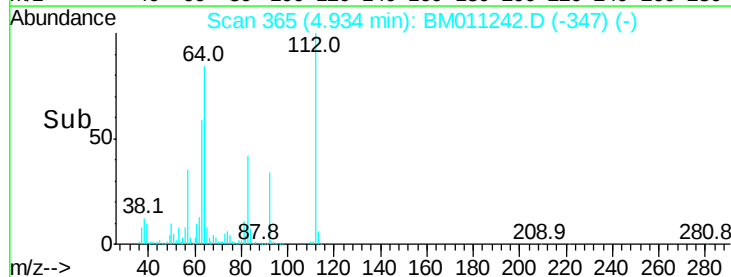
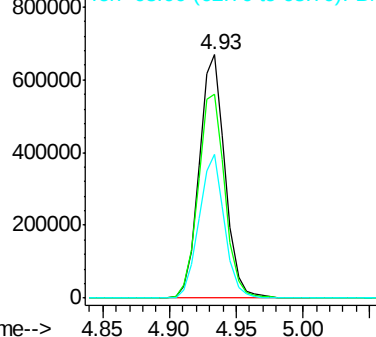
#5

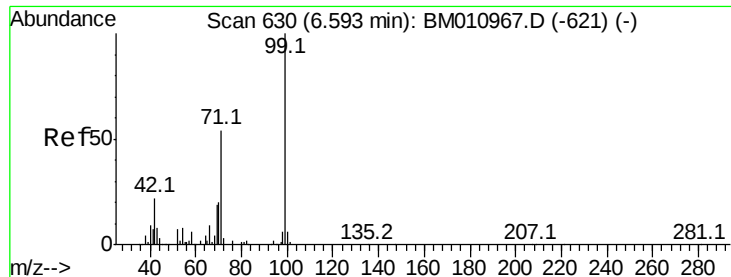
2-Fluorophenol
Concen: 142.531 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011242.D
Acq: 15 Aug 2017 20:38

Tgt Ion:112 Resp: 903876
Ion Ratio Lower Upper
112 100
64 83.9 38.6 57.8#
63 59.1 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: 135.657 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

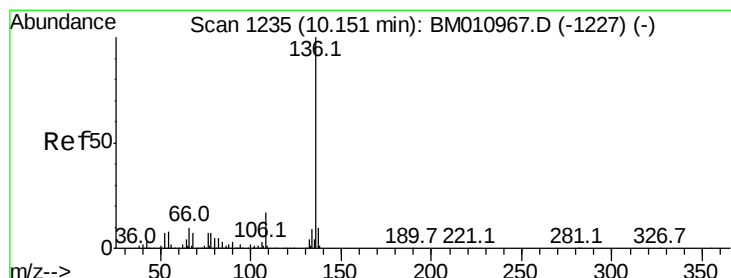
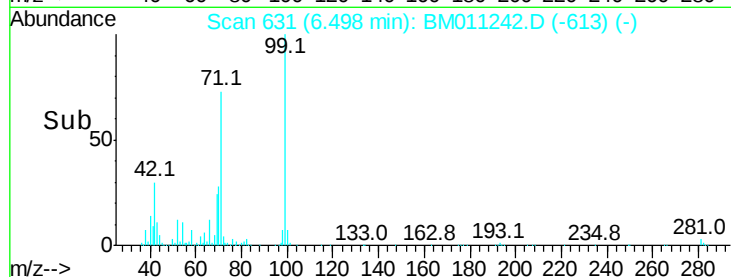
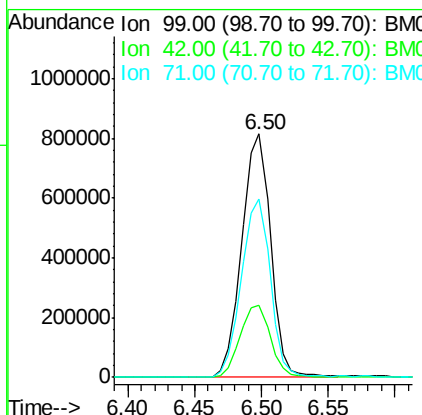
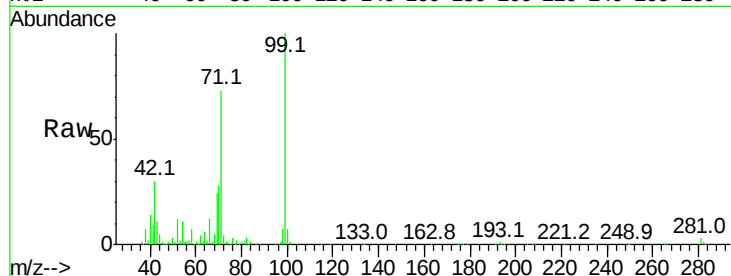
BNA_M

ClientSampleId :

SP-1-COMP

Tot Ion: 99 Resp: 1222304

Ion	Ratio	Lower	Upper
99	100		
42	29.9	11.0	16.4#
71	73.2	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

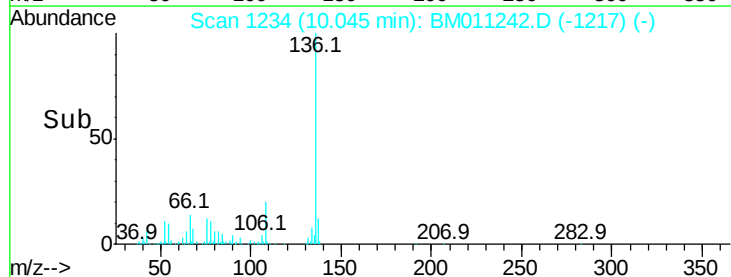
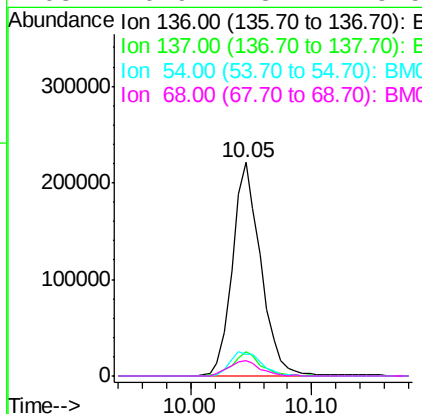
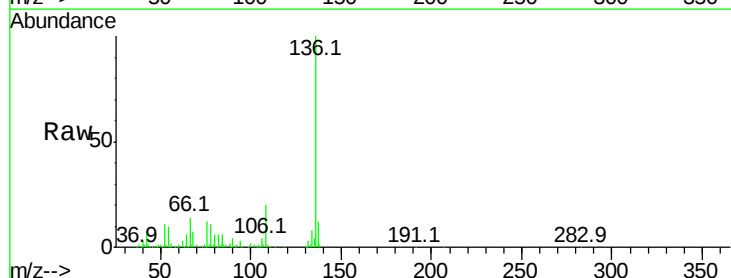
Delta R.T. 0.00 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Tgt Ion: 136 Resp: 362329

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.2	4.6	6.8#
68	6.9	3.7	5.5#

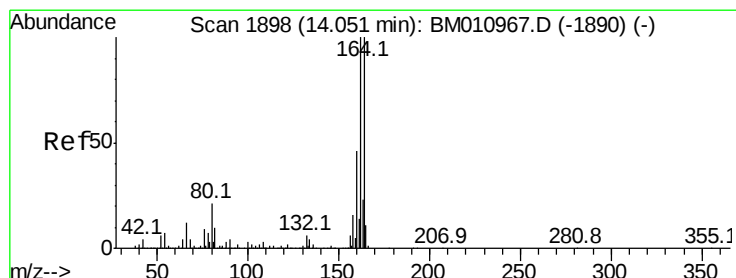
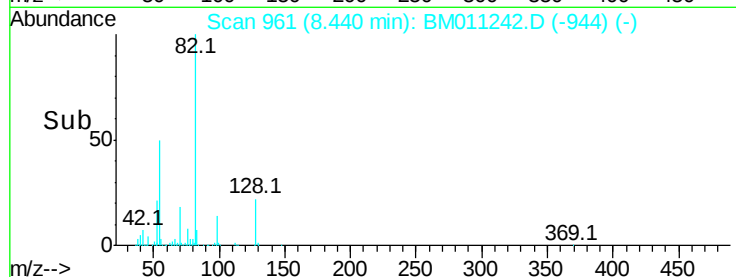
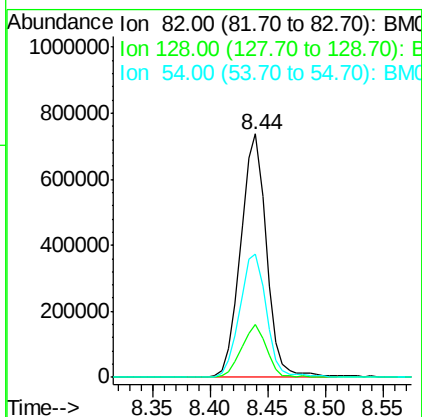
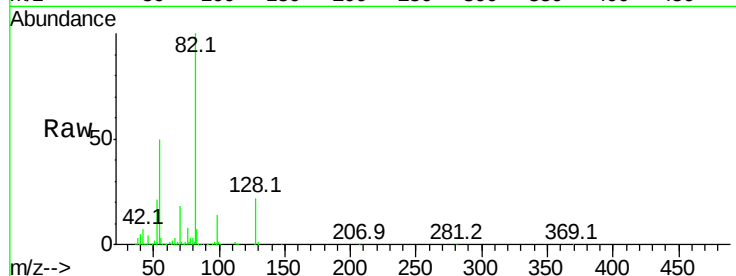




#23
 Nitrobenzene-d5
 Concen: 118.865 ng
 RT: 8.44 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

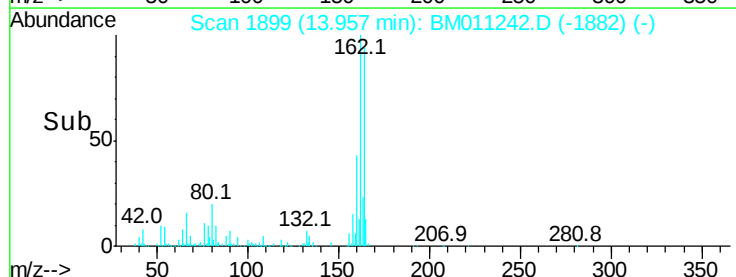
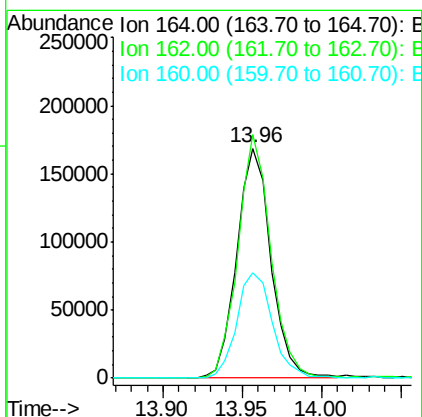
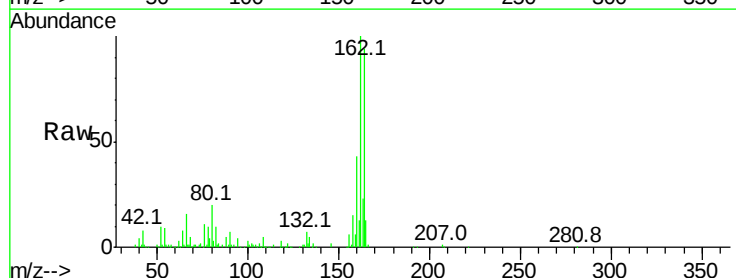
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Tot Ion: 82 Resp: 1147518
 Ion Ratio Lower Upper
 82 100
 128 21.8 32.8 49.2#
 54 50.4 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: BM011242.D
 Acq: 15 Aug 2017 20:38

Tgt Ion:164 Resp: 251991
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.4 123.6
 160 46.0 35.8 53.6

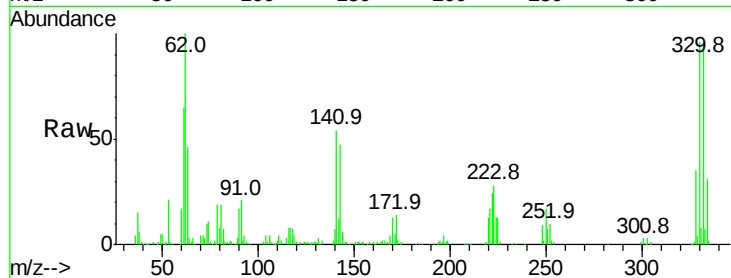




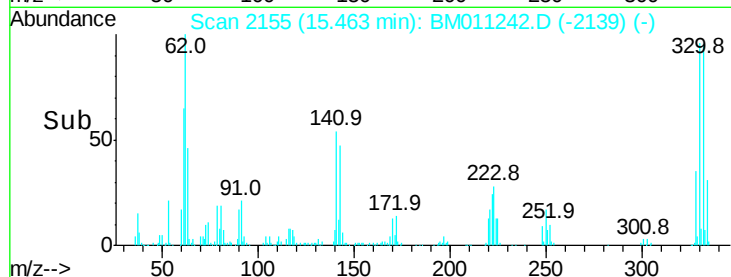
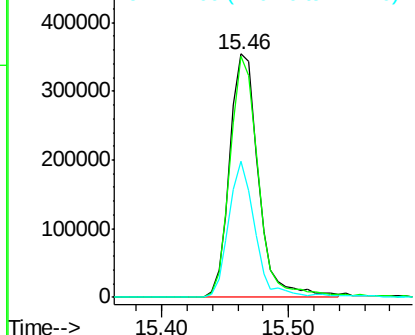
#41
 2,4,6-Tribromophenol
 Concen: 138.371 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Tot Ion:330 Resp: 558863
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 51.3 0.0 0.0#

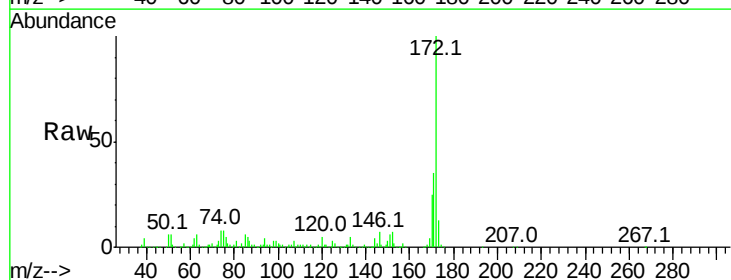


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

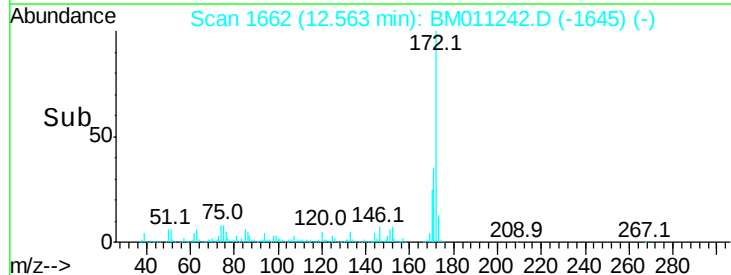
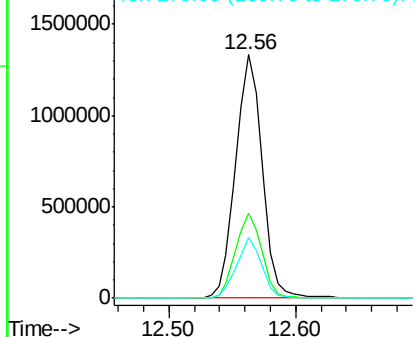


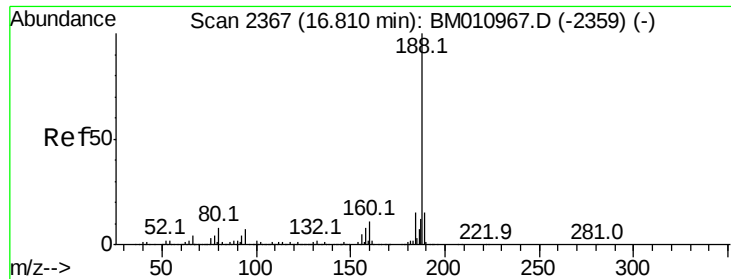
#44
 2-Fluorobiphenyl
 Concen: 96.106 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Tgt Ion:172 Resp: 1931048
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 24.6 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# 2368

Delta R.T. 0.00 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

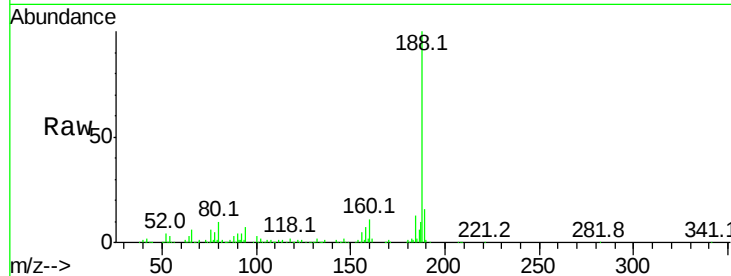
Tot Ion:188 Resp: 613480

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

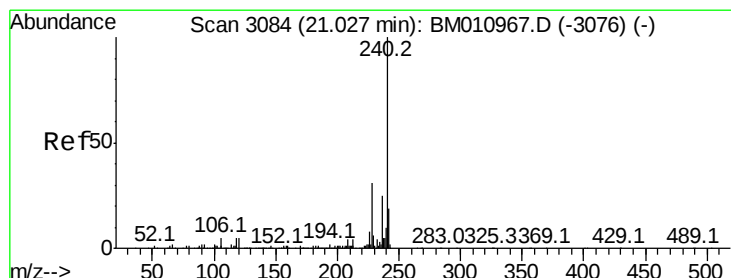
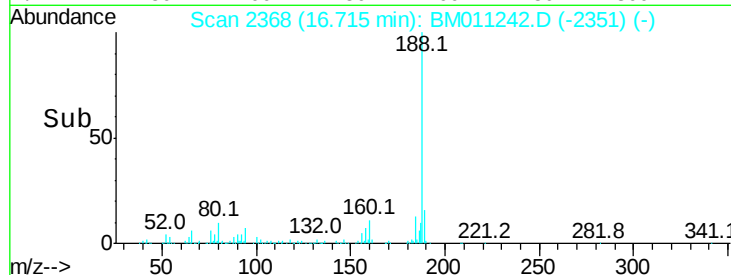
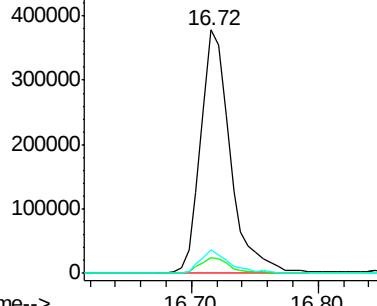
80 9.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM011242.D

Acq: 15 Aug 2017 20:38

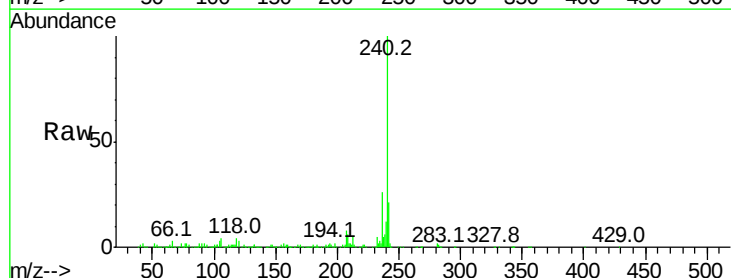
Tgt Ion:240 Resp: 701288

Ion Ratio Lower Upper

240 100

120 3.4 8.2 12.2#

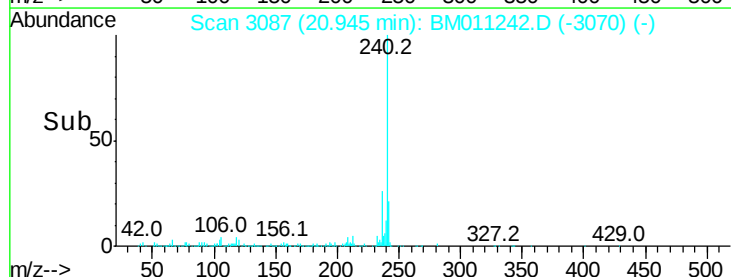
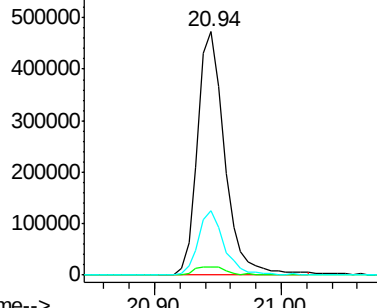
236 26.3 20.0 30.0

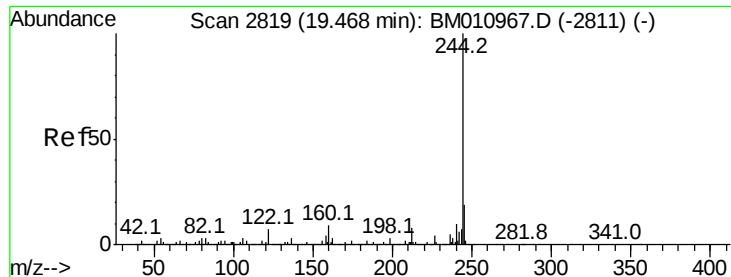


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

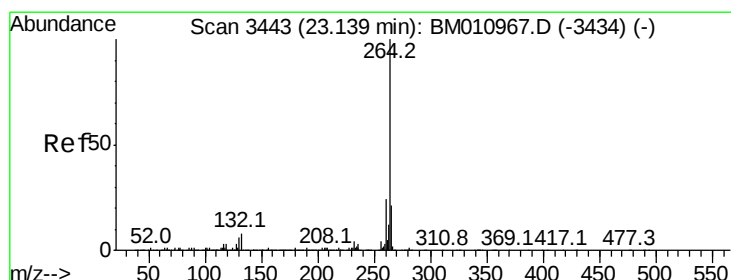
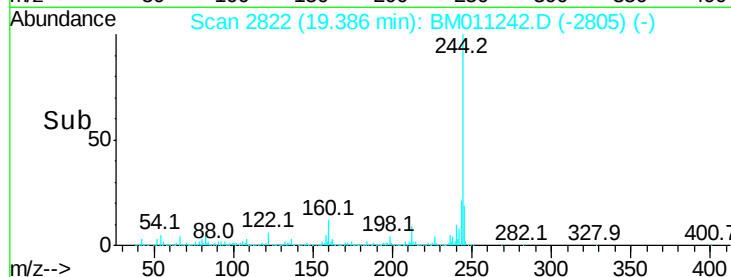
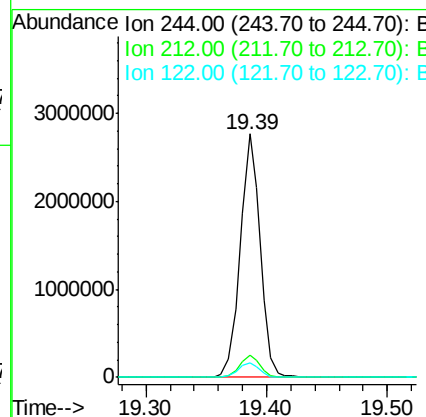
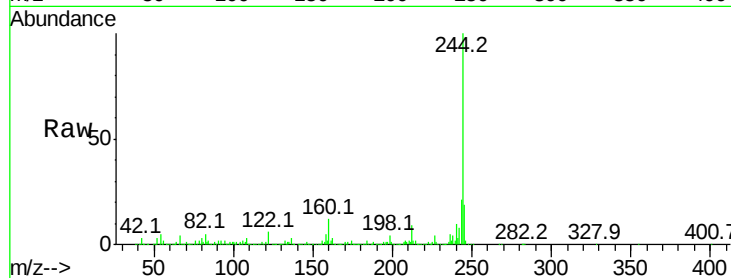




#78
 Terphenyl-d14
 Concen: 90.286 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Instrument :
 BNA_M
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 SP-1-COMP

Tot Ion:244 Resp: 3196413
 Ion Ratio Lower Upper
 244 100
 212 9.2 4.9 7.3#
 122 6.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: BM011242.D
 Acq: 15 Aug 2017 20:38

Tgt Ion:264 Resp: 545408
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 21.9 17.3 25.9

