

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014225.D
 Acq On : 13 Feb 2018 17:33
 Operator : SJ/JU
 Sample : J1518-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5A

Quant Time: Feb 14 04:47:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

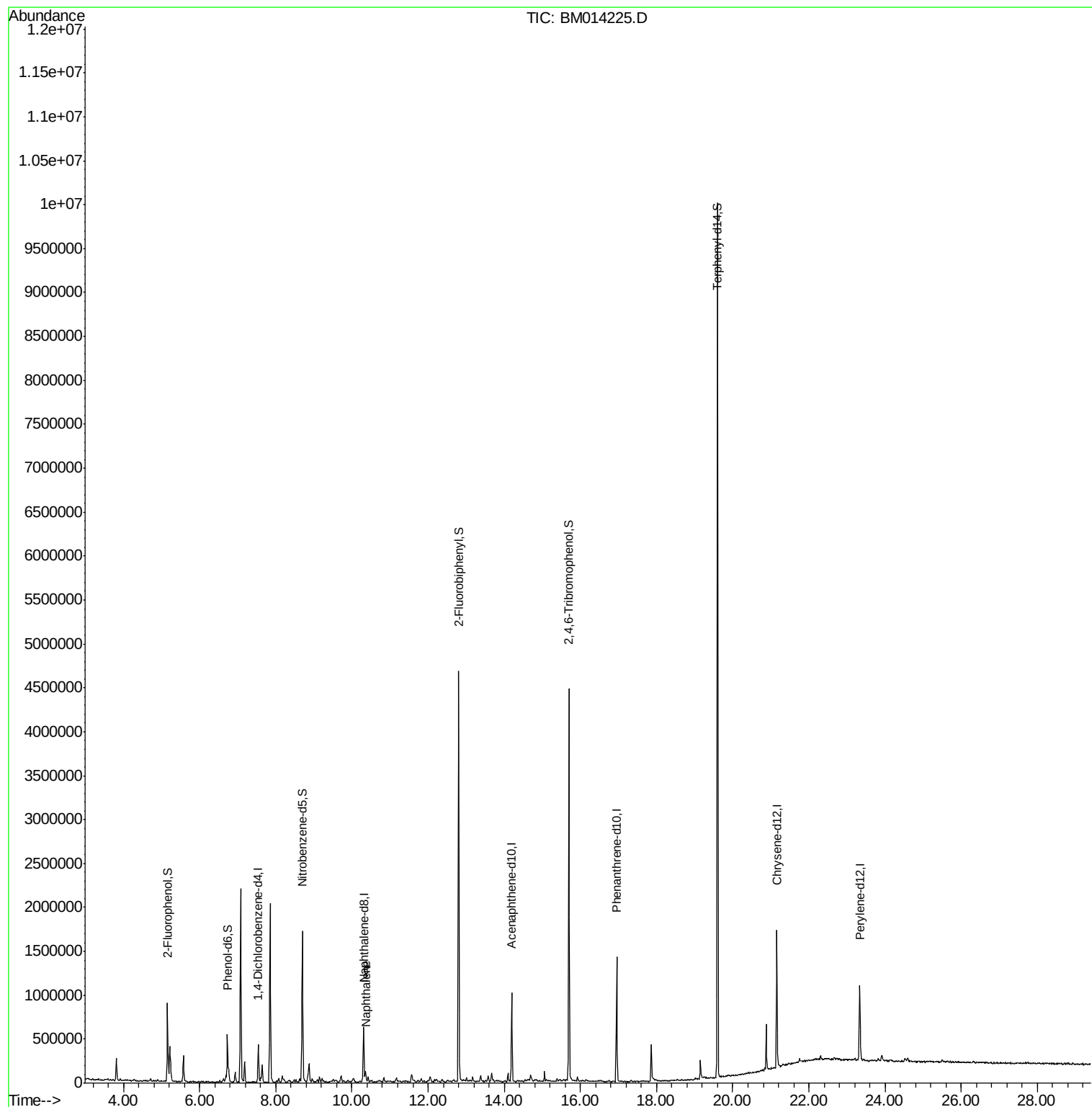
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93512	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	417815	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	296140	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	745622	20.00	ng	0.00
75) Chrysene-d12	21.16	240	753395	20.00	ng	0.00
86) Perylene-d12	23.33	264	580569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	320494	59.74	ng	0.00
7) Phenol-d6	6.73	99	253951	33.42	ng	-0.01
23) Nitrobenzene-d5	8.70	82	864346	92.40	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	585621	139.36	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2040785	86.02	ng	0.00
78) Terphenyl-d14	19.60	244	4055728	105.19	ng	0.00
Target Compounds						
31) Naphthalene	10.36	128	46088	2.015	ng	Qvalue 95

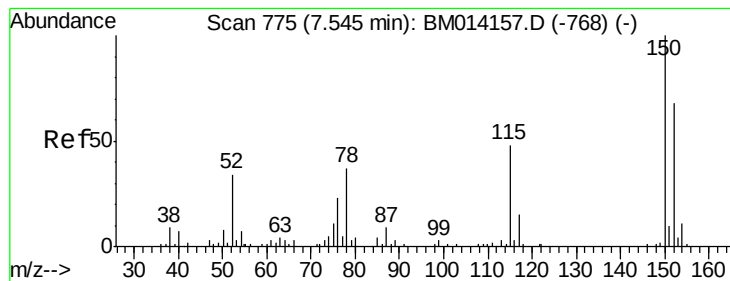
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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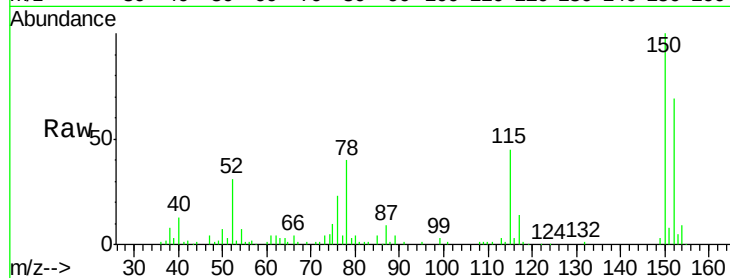


#1

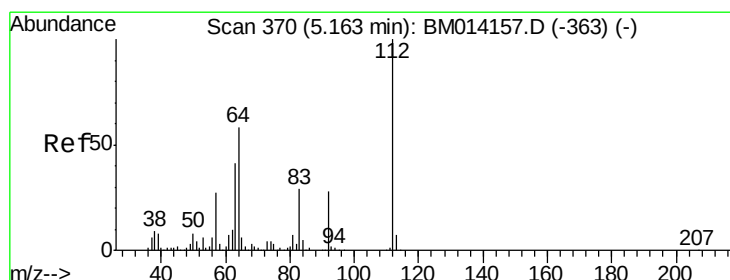
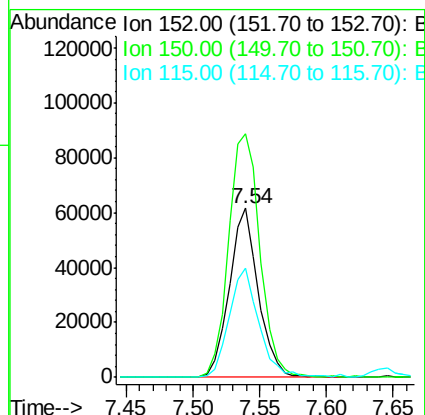
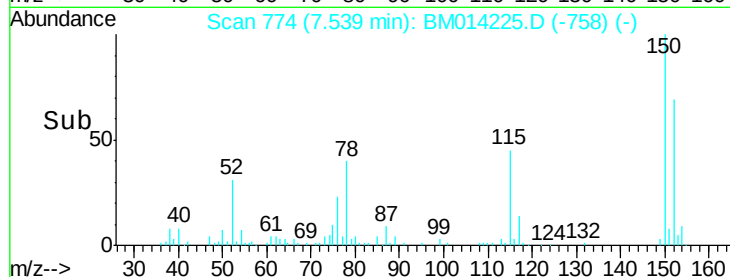
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	119.5	179.3
115	64.9	43.0	64.4#



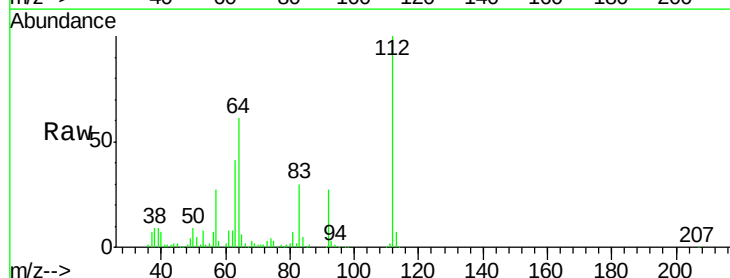
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



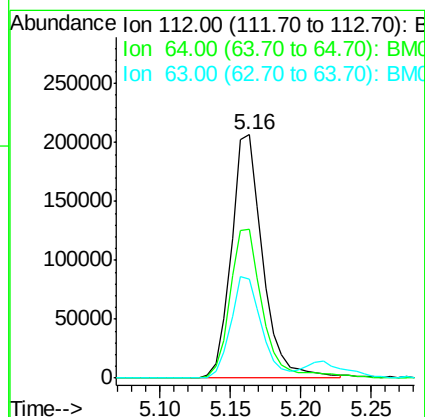
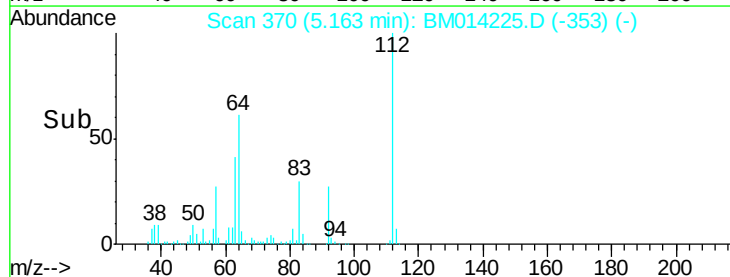
#5

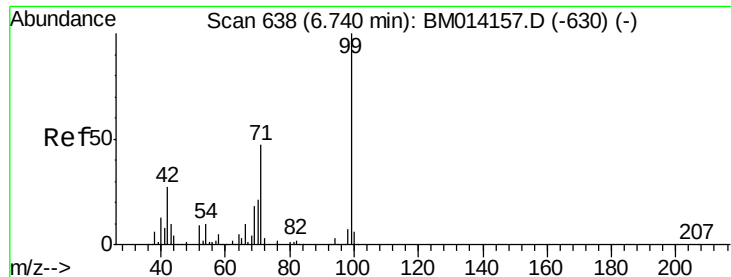
2-Fluorophenol
Concen: 59.737 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	38.6	57.8#
63	40.9	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: 33.422 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

MW-5A

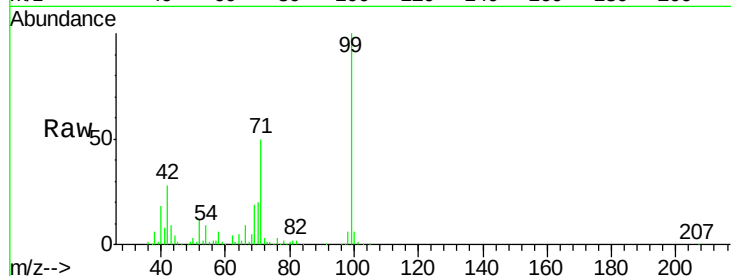
Tot Ion: 99 Resp: 253951

Ion Ratio Lower Upper

99 100

42 28.1 11.0 16.4#

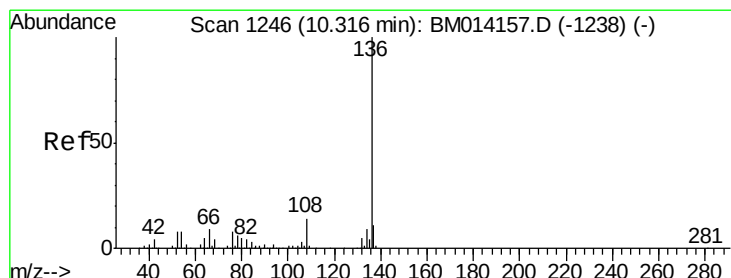
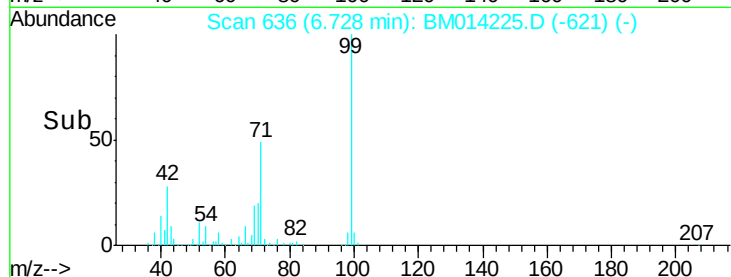
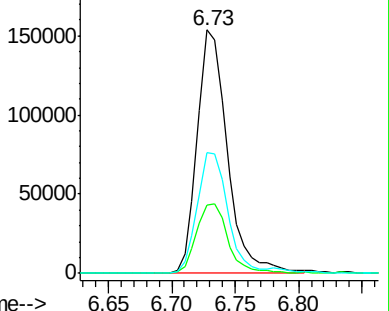
71 49.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014157.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014157.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014157.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Tgt Ion: 136 Resp: 417815

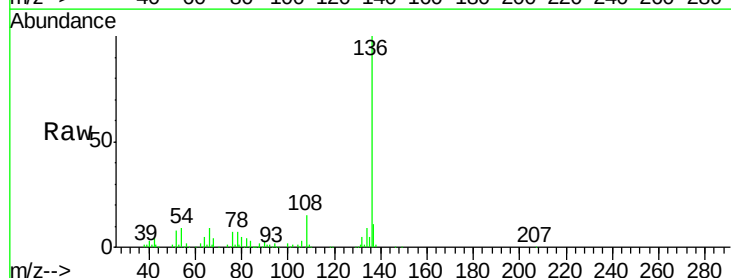
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 4.4 3.7 5.5

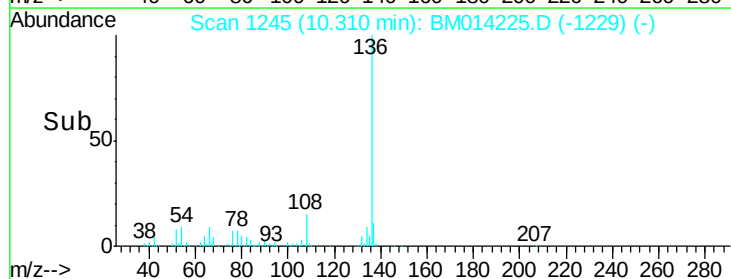
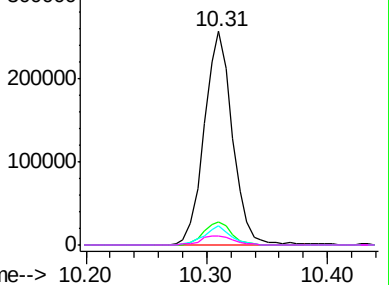


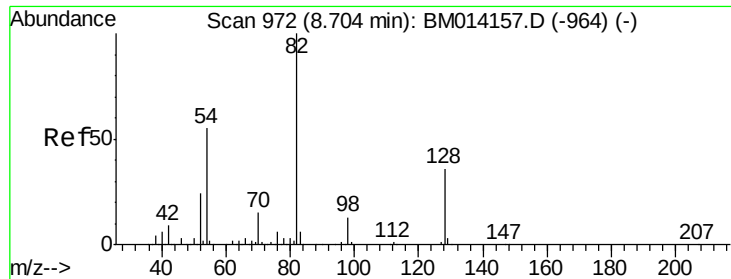
Abundance Ion 136.00 (135.70 to 136.70): BM014157.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014157.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014157.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014157.D (-1238) (-)

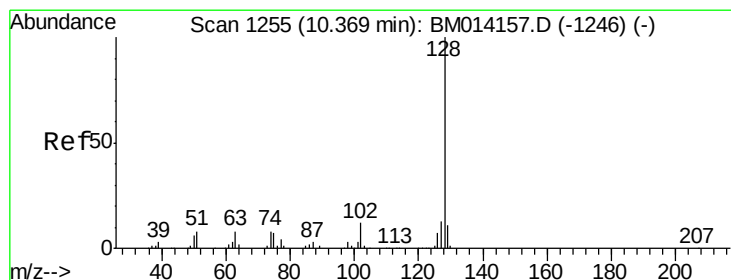
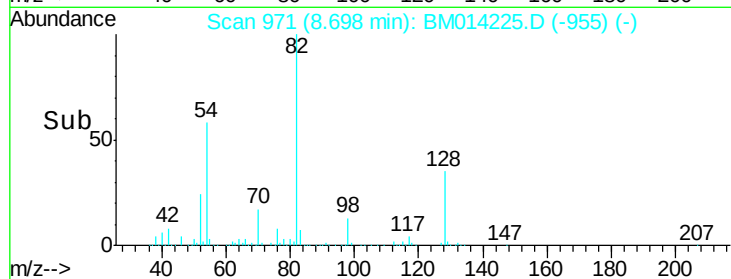
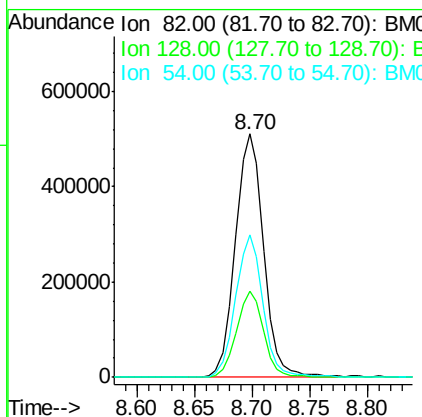
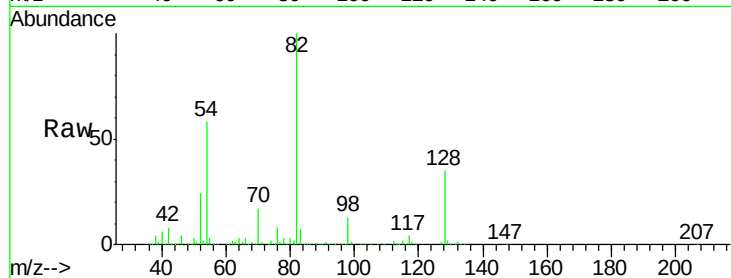




#23
Nitrobenzene-d5
Concen: 92.405 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

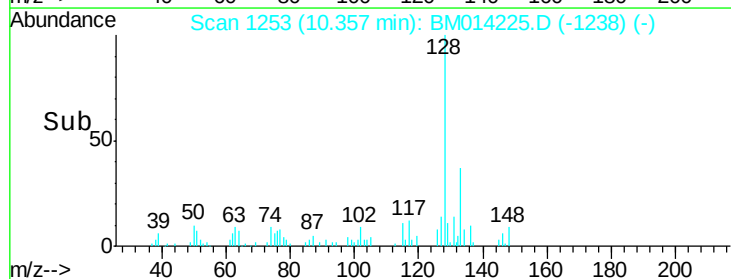
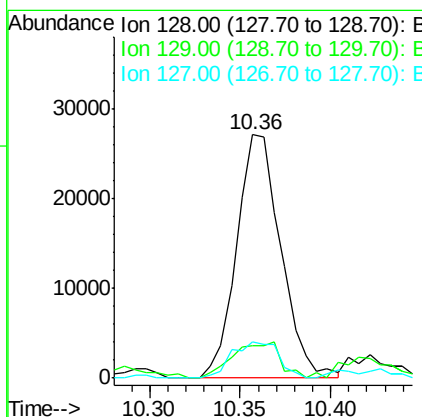
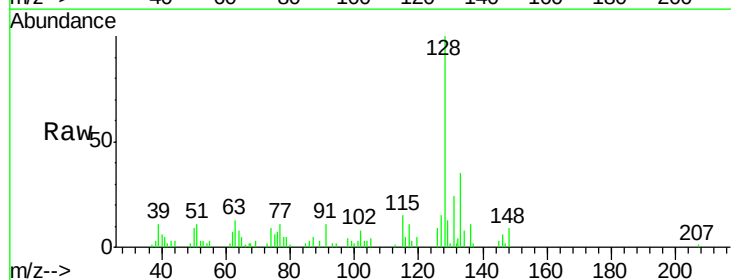
Instrument :
BNA_M
ClientSampleId :
MW-5A

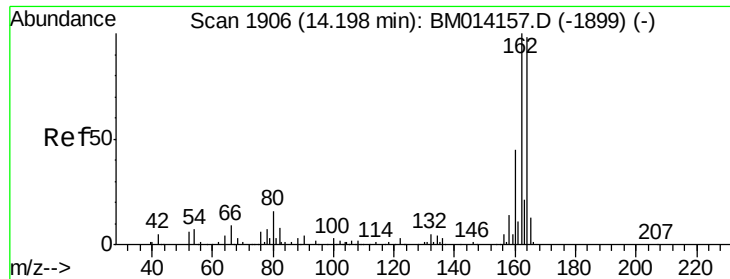
Tot Ion	82	Resp	864346
Ion Ratio	100	Lower	Upper
128	35.4	32.8	49.2
54	58.3	40.6	60.8



#31
Naphthalene
Concen: 2.015 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion	128	Resp	46088
Ion Ratio	100	Lower	Upper
129	13.3	8.9	13.3
127	15.1	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

MW-5A

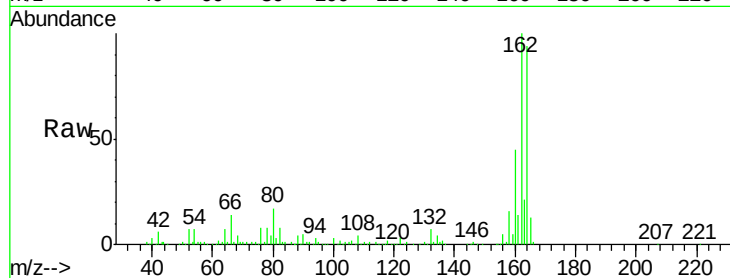
Tot Ion:164 Resp: 296140

Ion Ratio Lower Upper

164 100

162 106.3 82.4 123.6

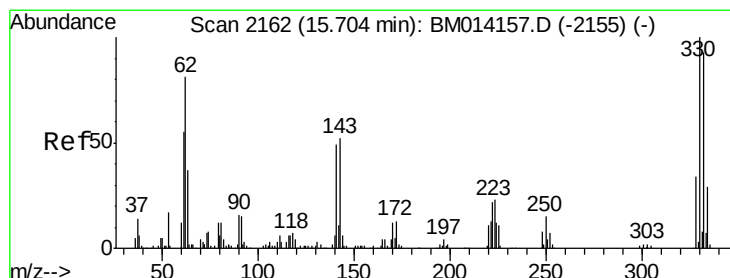
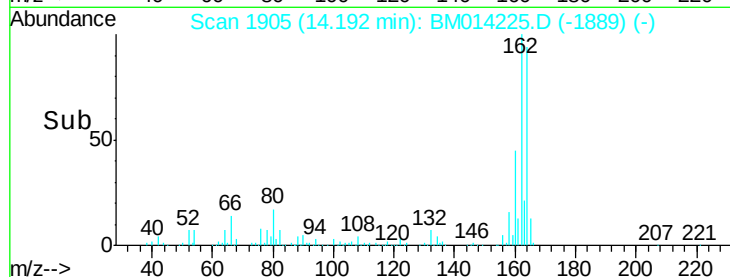
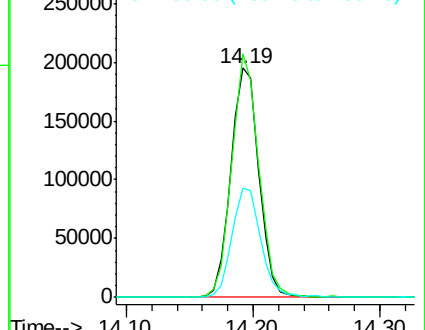
160 47.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 139.362 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

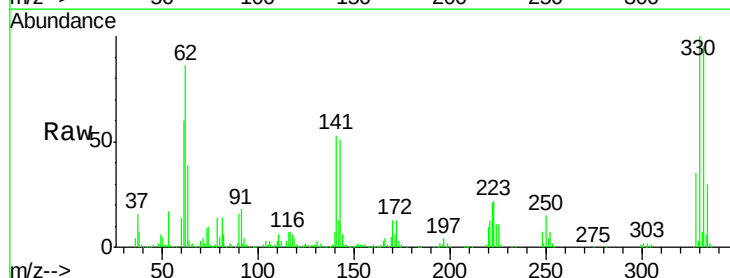
Tgt Ion:330 Resp: 585621

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

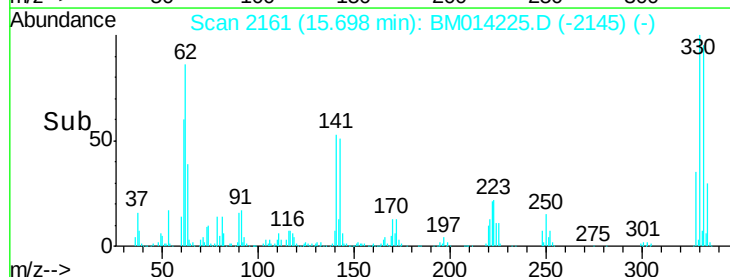
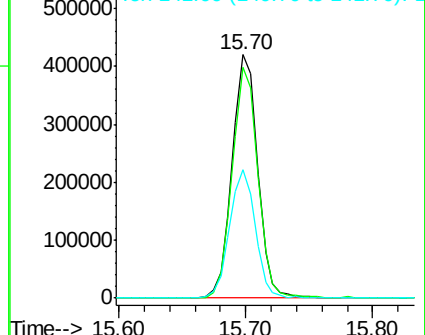
141 53.4 0.0 0.0#

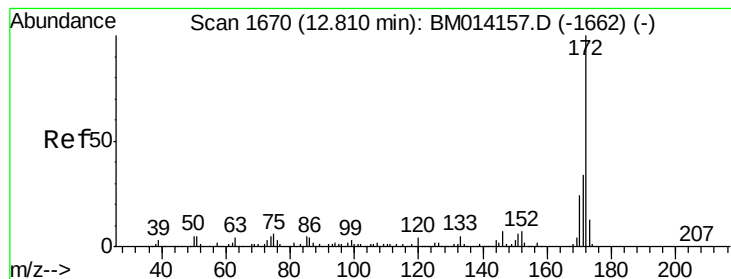


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.025 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

MW-5A

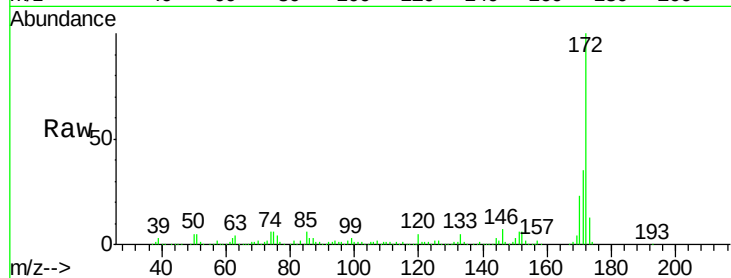
Tot Ion:172 Resp: 2040785

Ion Ratio Lower Upper

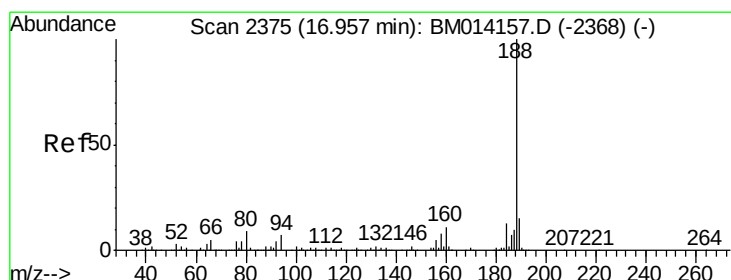
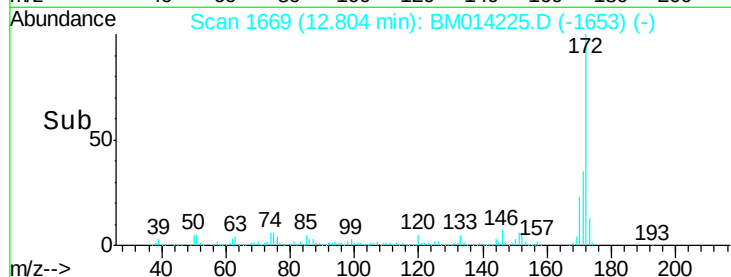
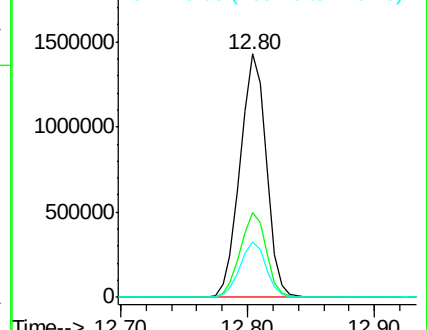
172 100

171 34.9 28.5 42.7

170 23.0 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: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

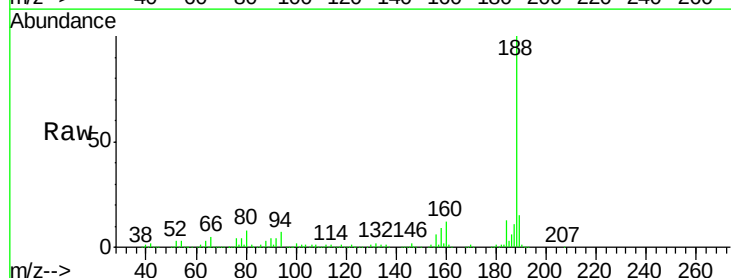
Tgt Ion:188 Resp: 745622

Ion Ratio Lower Upper

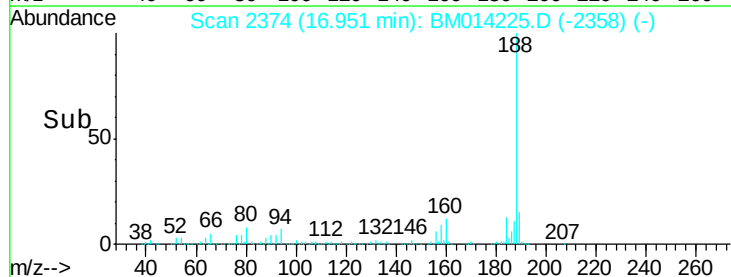
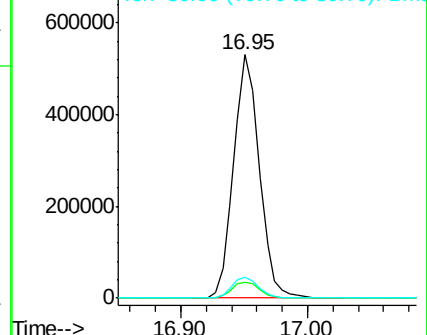
188 100

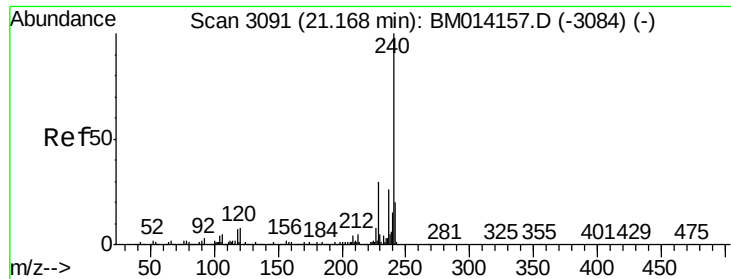
94 6.5 8.7 13.1#

80 8.3 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: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

Instrument :

BNA_M

ClientSampleId :

MW-5A

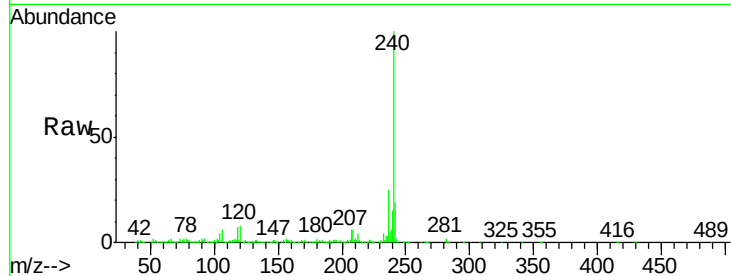
Tot Ion:240 Resp: 753395

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

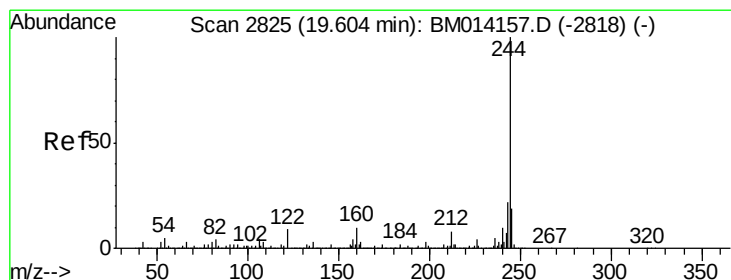
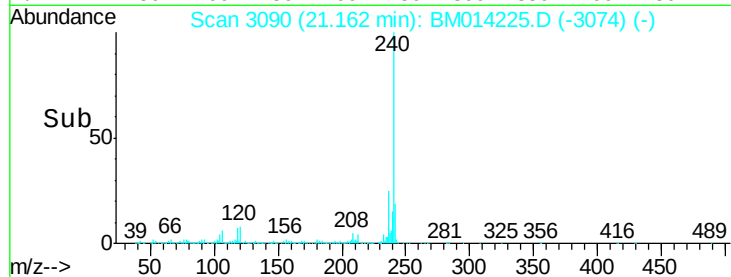
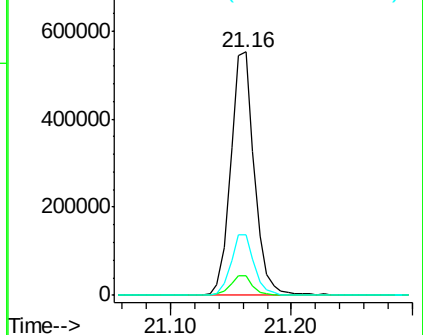
236 24.7 20.0 30.0



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: 105.186 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014225.D

Acq: 13 Feb 2018 17:33

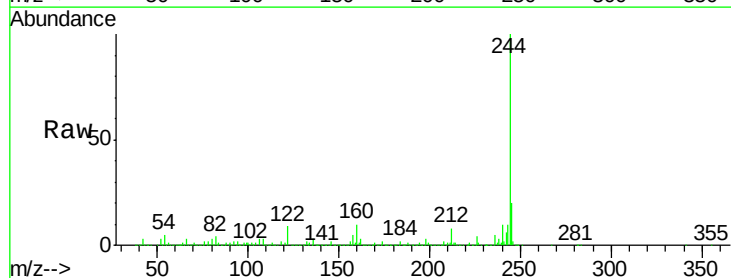
Tgt Ion:244 Resp: 4055728

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

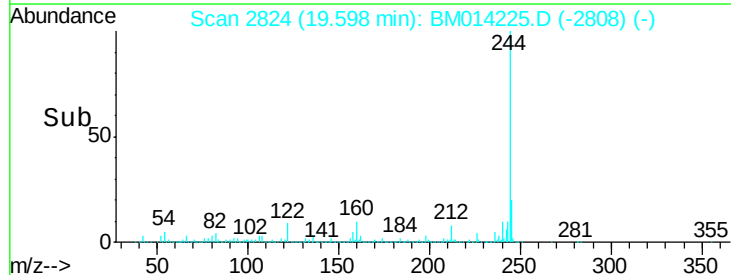
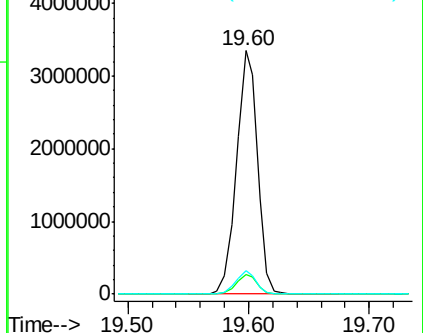
122 9.4 6.2 9.4#

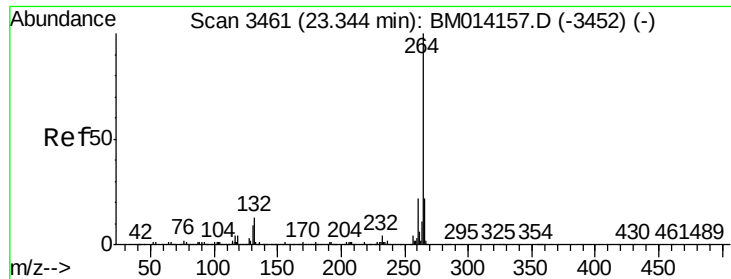


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	22.3	17.3	25.9

