

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014219.D
 Acq On : 13 Feb 2018 13:57
 Operator : SJ/JU
 Sample : J1518-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Feb 14 04:31:34 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	98644	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	393068	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	248293	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	586738	20.00	ng	0.00
75) Chrysene-d12	21.16	240	673646	20.00	ng	0.00
86) Perylene-d12	23.33	264	625547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	335839	59.34	ng	0.00
7) Phenol-d6	6.73	99	257258	32.10	ng	-0.01
23) Nitrobenzene-d5	8.70	82	954437	108.46	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	511505	145.18	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2068656	104.00	ng	0.00
78) Terphenyl-d14	19.60	244	3625927	105.17	ng	0.00

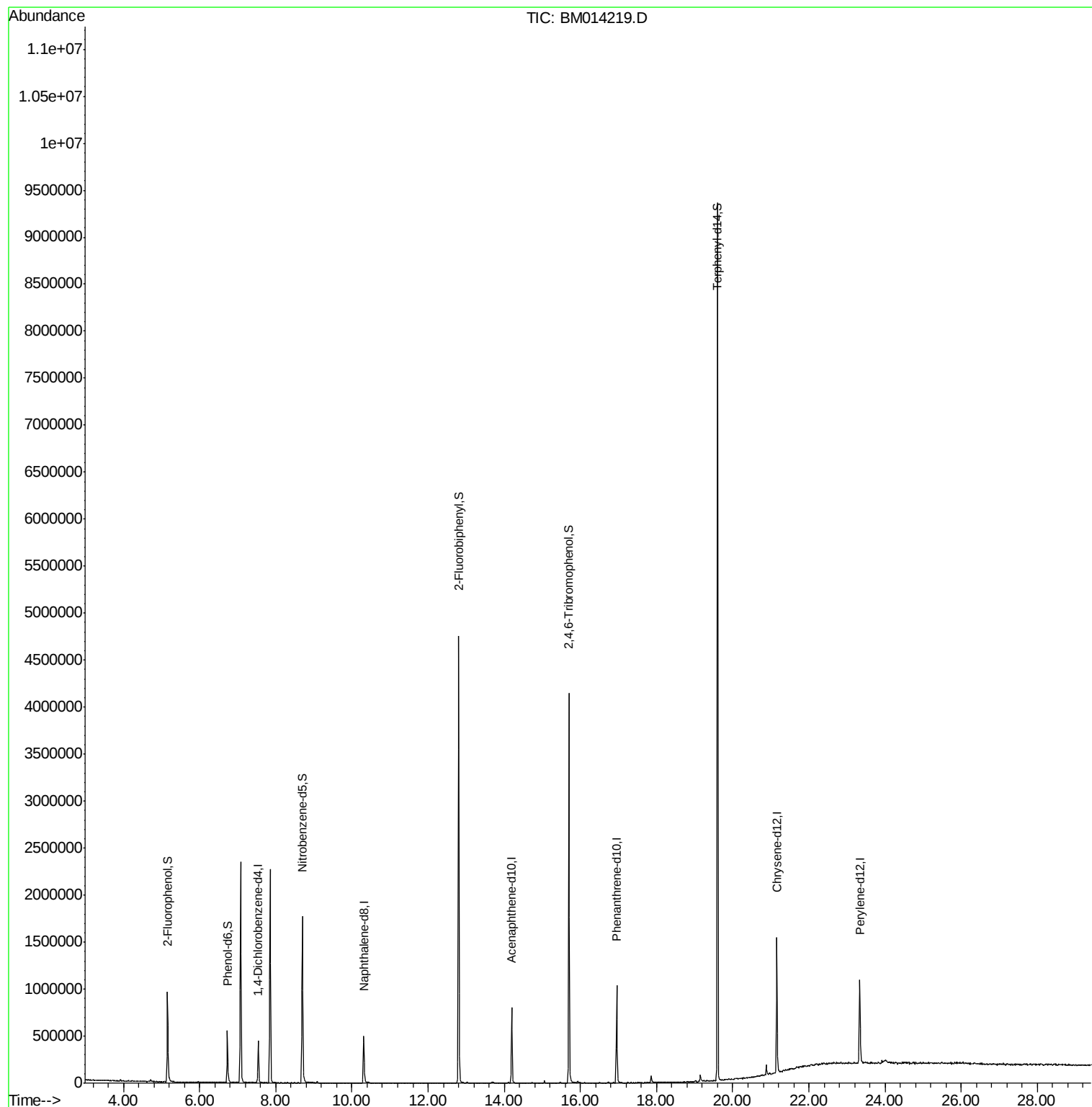
Target Compounds	Qvalue
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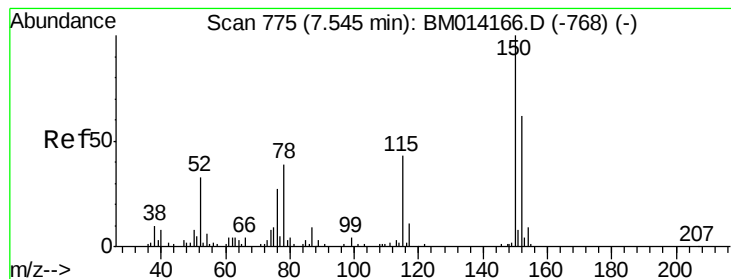
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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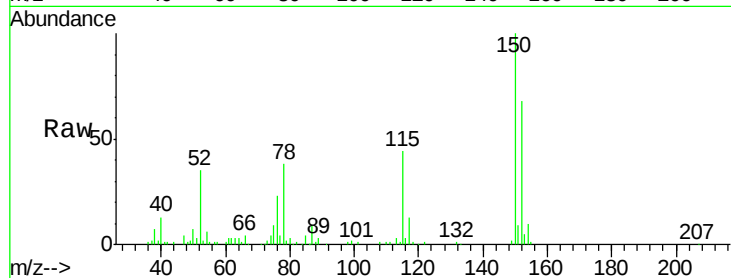


#1

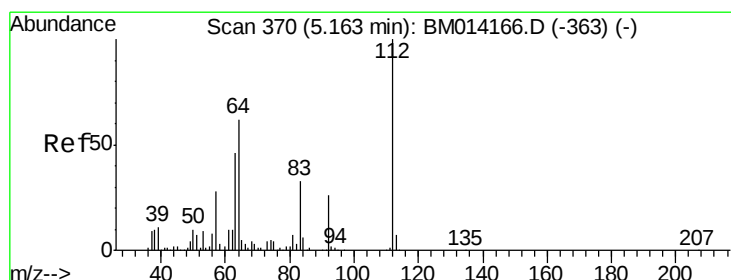
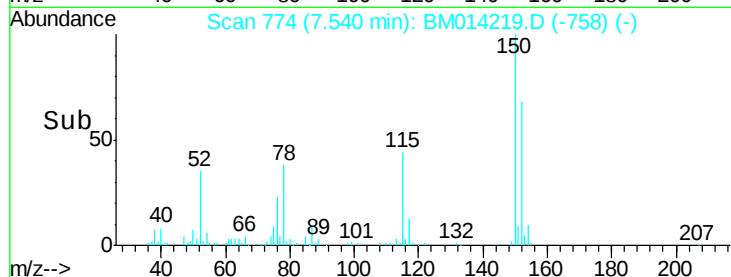
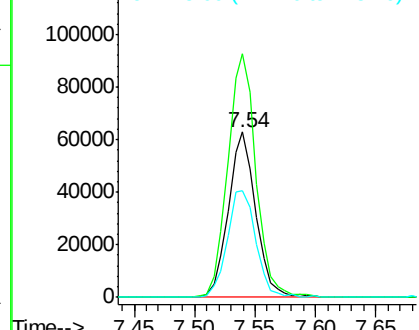
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014219.D
Acq: 13 Feb 2018 13:57

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion:152 Resp: 98644
Ion Ratio Lower Upper
152 100
150 147.2 119.5 179.3
115 64.9 43.0 64.4#



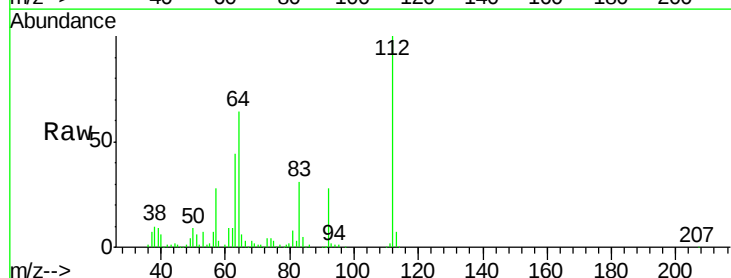
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



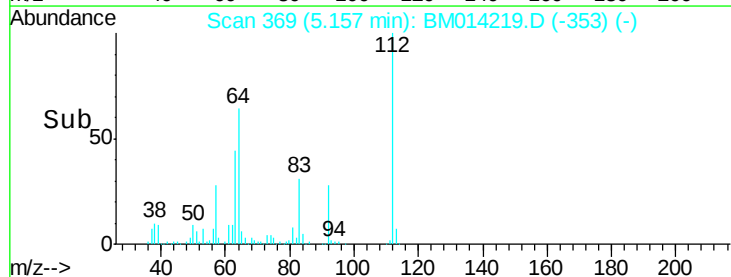
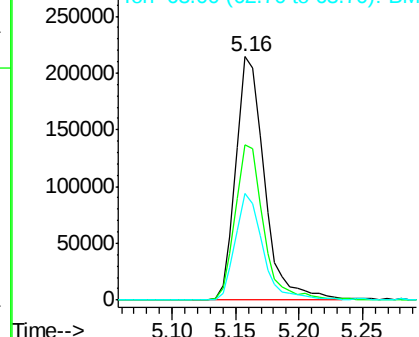
#5

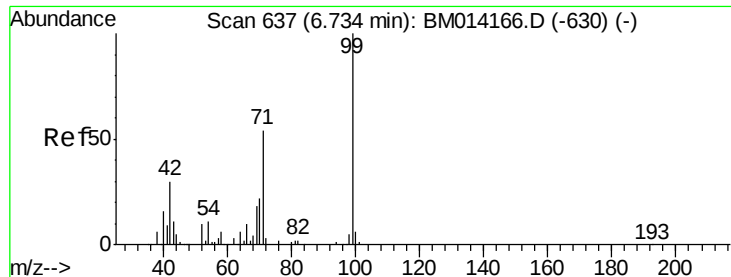
2-Fluorophenol
Concen: 59.341 ng
RT: 5.16 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM014219.D
Acq: 13 Feb 2018 13:57

Tgt Ion:112 Resp: 335839
Ion Ratio Lower Upper
112 100
64 64.0 38.6 57.8#
63 44.1 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: 32.095 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

Instrument :

BNA_M

ClientSampleId :

MW-4

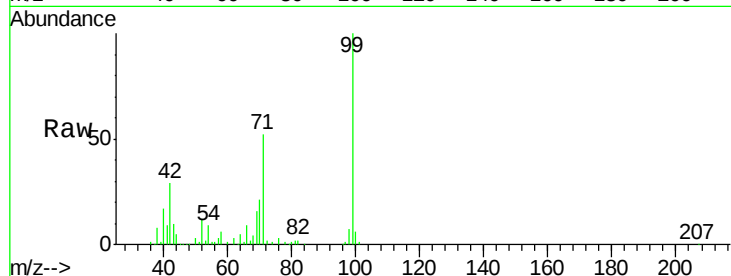
Tot Ion: 99 Resp: 257258

Ion Ratio Lower Upper

99 100

42 28.6 11.0 16.4#

71 52.0 23.4 35.2#

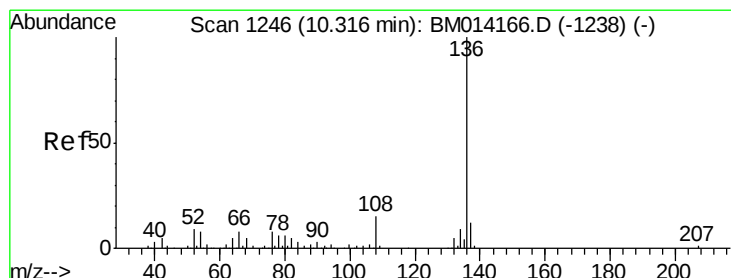
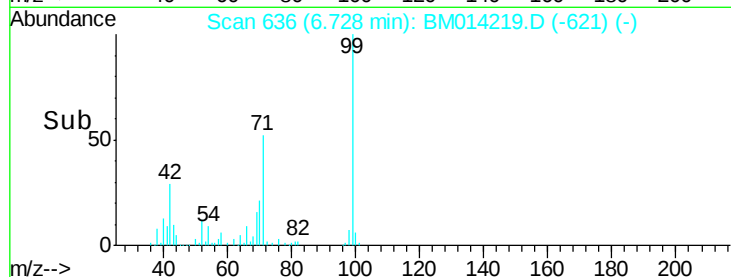
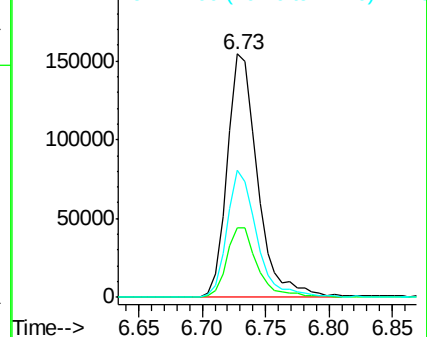


Abundance

Ion 99.00 (98.70 to 99.70): BM014219.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014219.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014219.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

Tgt Ion: 136 Resp: 393068

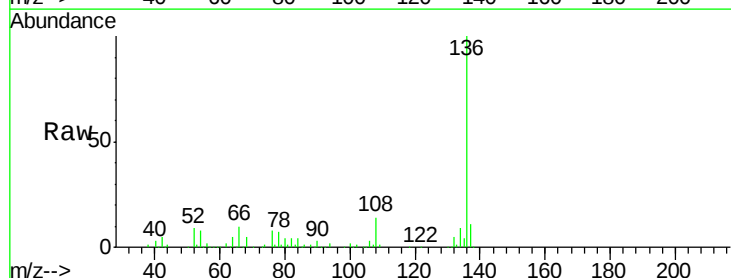
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.1 4.6 6.8#

68 4.9 3.7 5.5



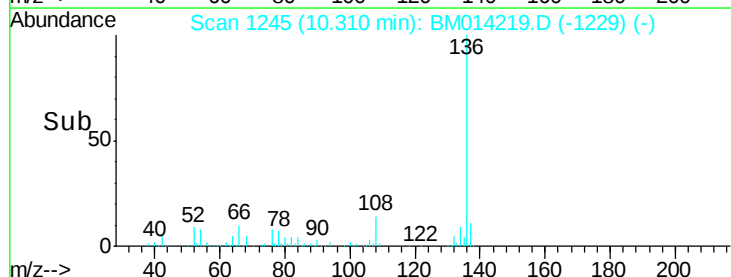
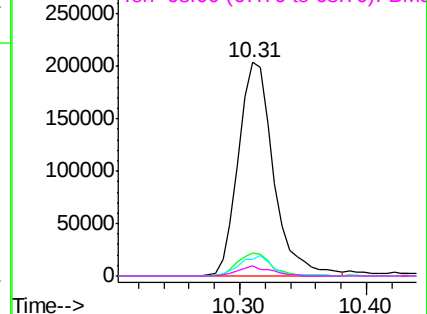
Abundance

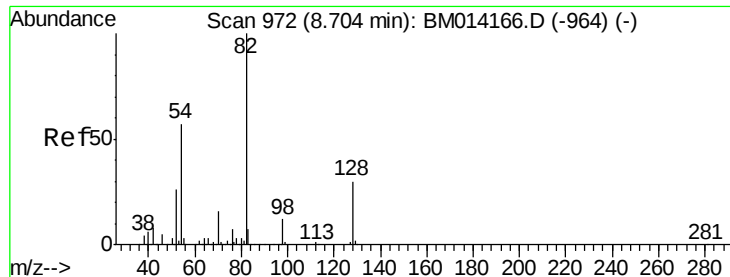
Ion 136.00 (135.70 to 136.70): BM014219.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014219.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014219.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014219.D (-1229) (-)





#23

Nitrobenzene-d5

Concen: 108.460 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

Instrument :

BNA_M

ClientSampled :

MW-4

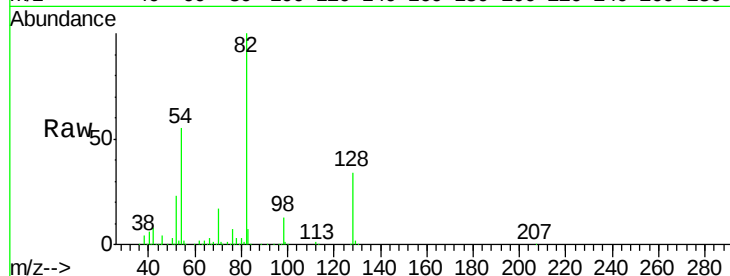
Tot Ion: 82 Resp: 954437

Ion Ratio Lower Upper

82 100

128 34.1 32.8 49.2

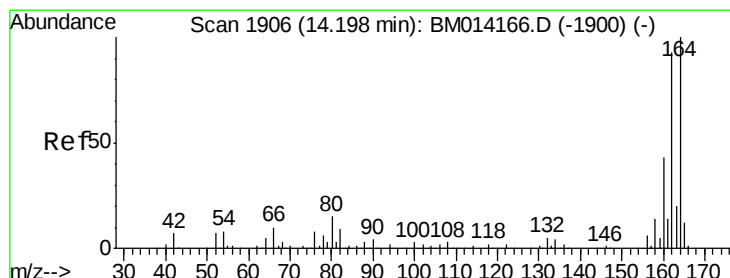
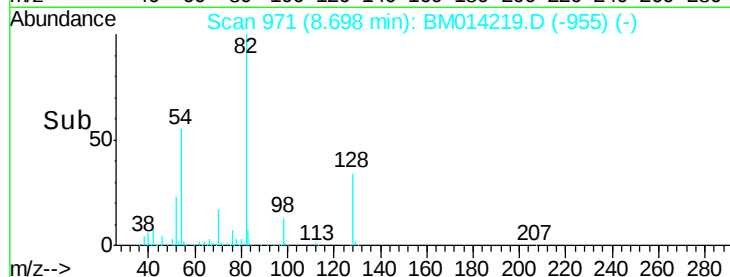
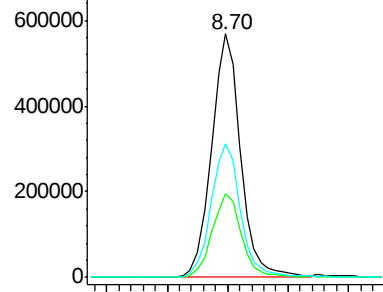
54 54.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014219.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM014219.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM014219.D (-955) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

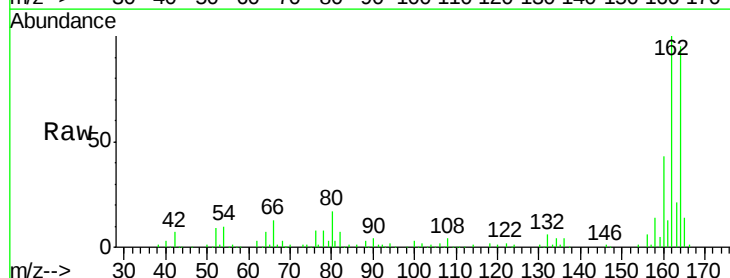
Tgt Ion: 164 Resp: 248293

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

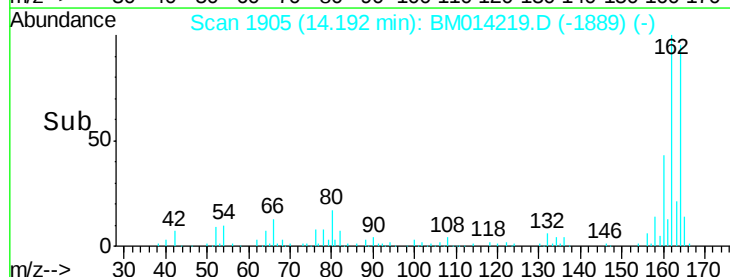
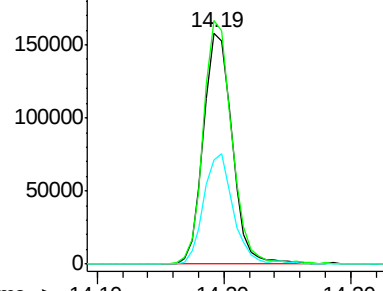
160 45.3 35.8 53.6

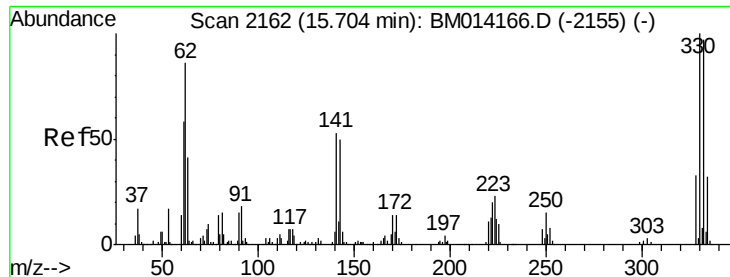


Abundance Ion 164.00 (163.70 to 164.70): BM014219.D (-1889) (-)

Ion 162.00 (161.70 to 162.70): BM014219.D (-1889) (-)

Ion 160.00 (159.70 to 160.70): BM014219.D (-1889) (-)

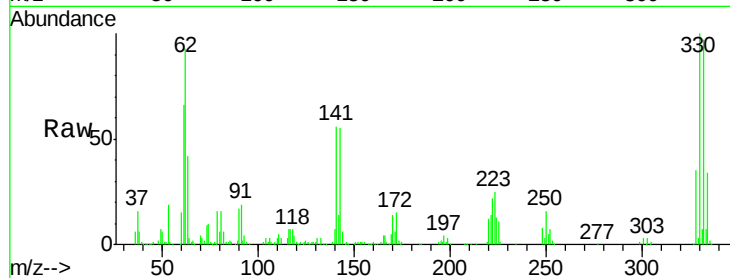




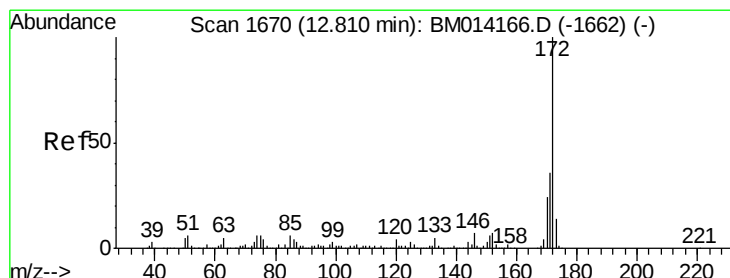
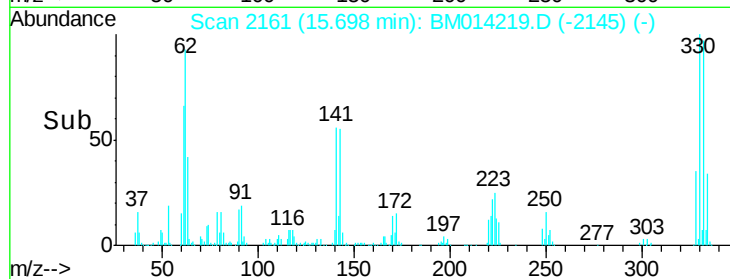
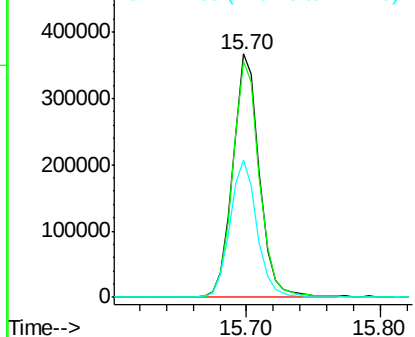
#41
 2,4,6-Tribromophenol
 Concen: 145.181 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014219.D
 Acq: 13 Feb 2018 13:57

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	57.3	0.0	0.0#

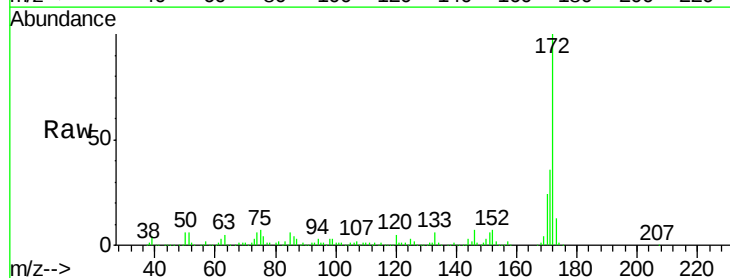


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

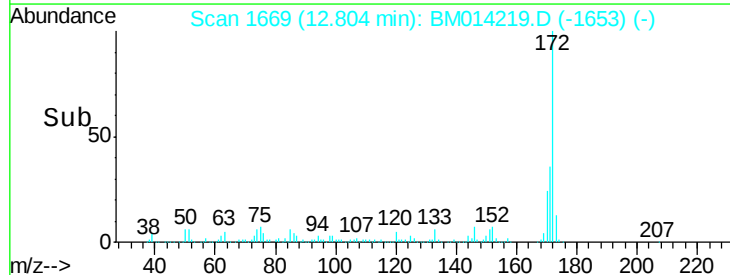
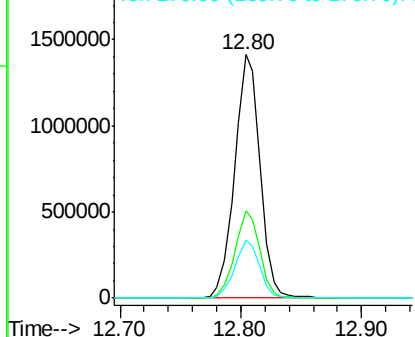


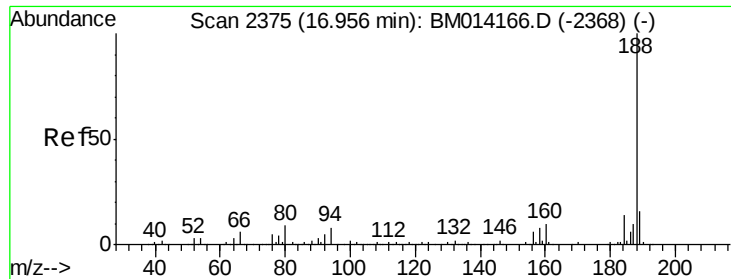
#44
 2-Fluorobiphenyl
 Concen: 104.003 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014219.D
 Acq: 13 Feb 2018 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.7	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

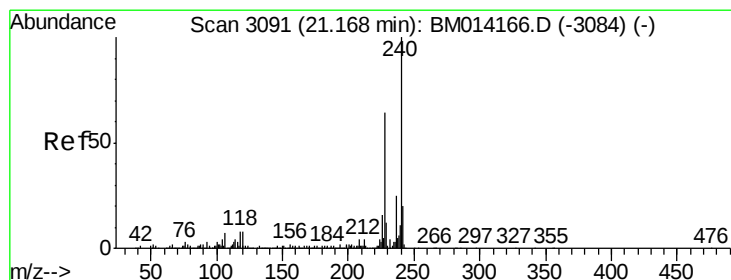
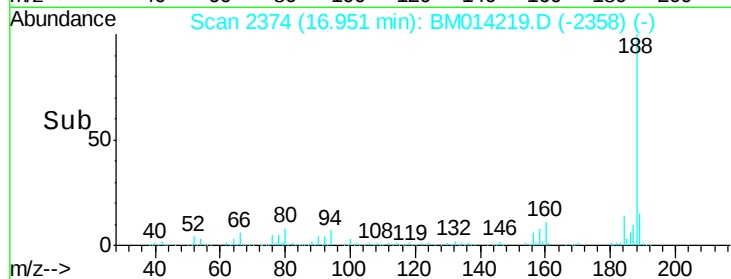
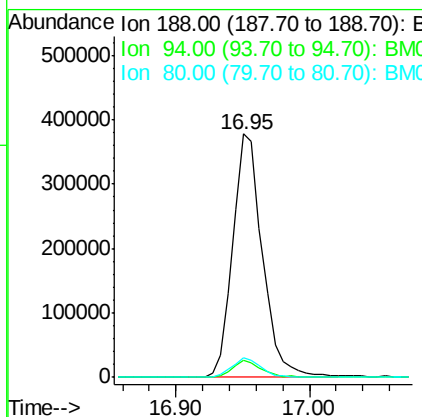
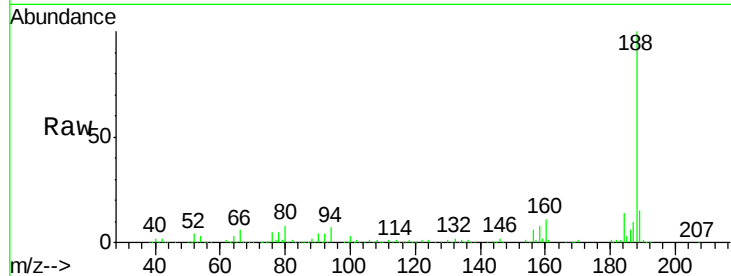




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014219.D
Acq: 13 Feb 2018 13:57

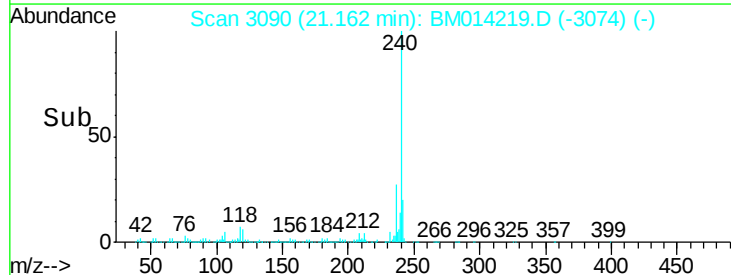
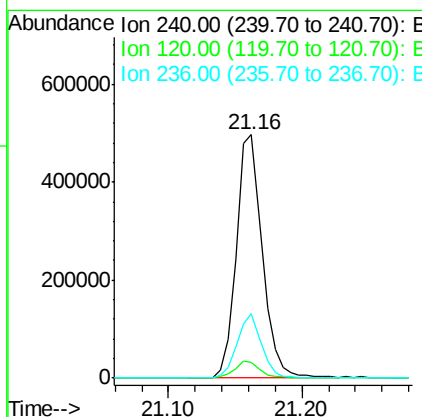
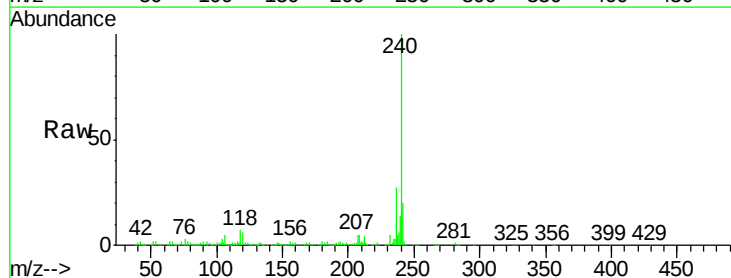
Instrument :
BNA_M
ClientSampleId :
MW-4

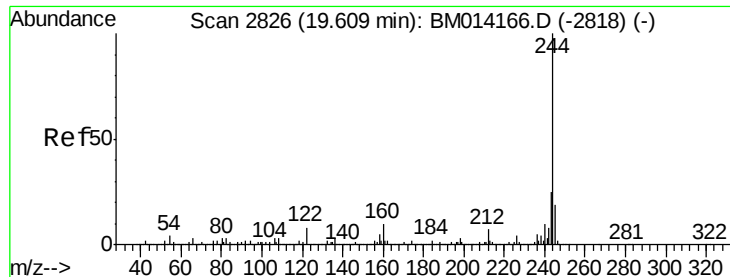
Tot Ion:188 Resp: 586738
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014219.D
Acq: 13 Feb 2018 13:57

Tgt Ion:240 Resp: 673646
Ion Ratio Lower Upper
240 100
120 6.5 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 105.172 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

Instrument :

BNA_M

ClientSampleId :

MW-4

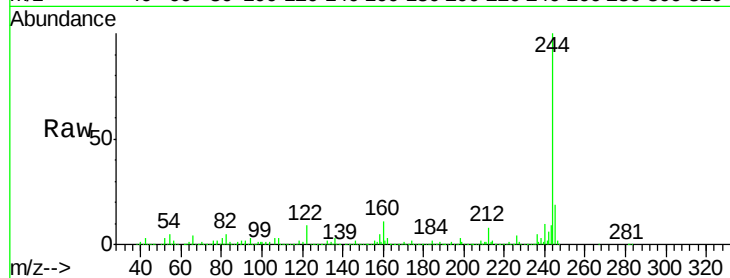
Tot Ion:244 Resp: 3625927

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

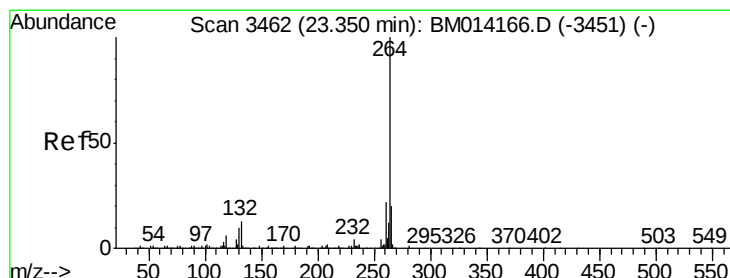
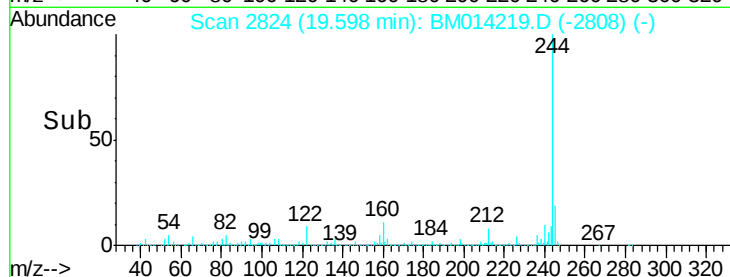
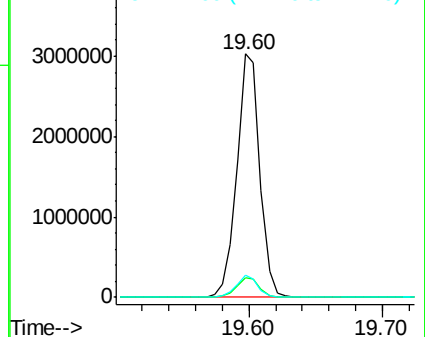
122 9.4 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM014219.D

Acq: 13 Feb 2018 13:57

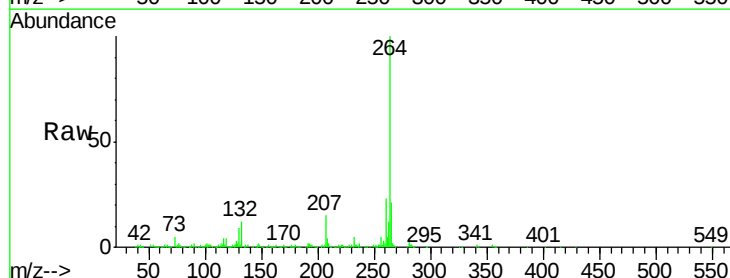
Tgt Ion:264 Resp: 625547

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.2 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

