

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014196.D
 Acq On : 08 Feb 2018 16:59
 Operator : SJ/JU
 Sample : J1455-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LW-03-OW

Quant Time: Feb 09 04:33:34 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

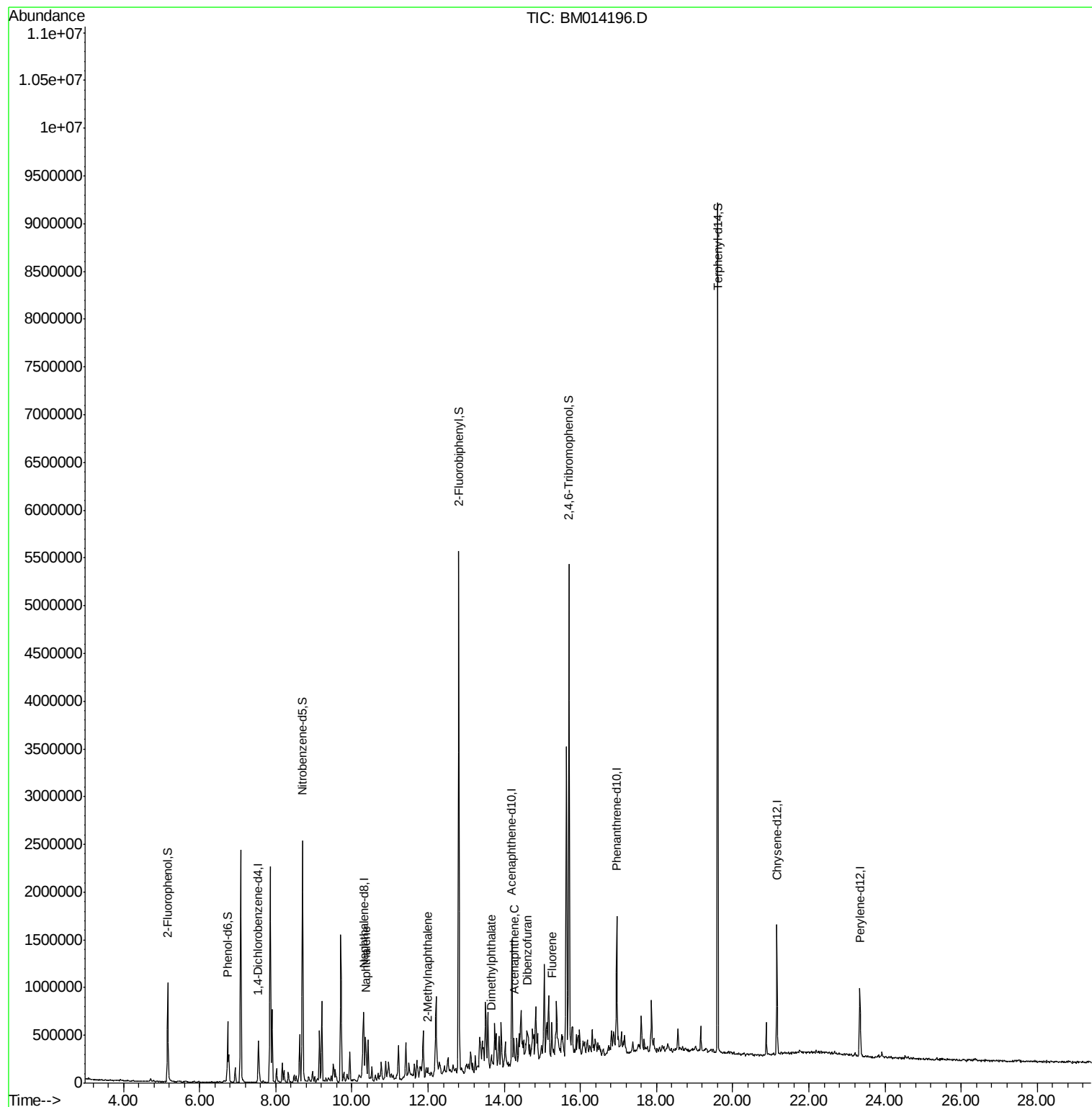
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	95018	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	429765	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	356083	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	741307	20.00	ng	0.00
75) Chrysene-d12	21.16	240	614504	20.00	ng	0.00
86) Perylene-d12	23.34	264	507068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	362708	66.53	ng	0.00
7) Phenol-d6	6.73	99	288256	37.33	ng	0.00
23) Nitrobenzene-d5	8.70	82	1003656	104.31	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	677020	133.99	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	2453641	86.02	ng	0.00
78) Terphenyl-d14	19.60	244	3506951	111.51	ng	0.00
Target Compounds						
31) Naphthalene	10.36	128	61436	2.611	ng	# 66
37) 2-Methylnaphthalene	11.99	142	39463	2.227	ng	# 84
49) Dimethylphthalate	13.67	163	70586	2.214	ng	# 95
51) Acenaphthene	14.26	154	68453	2.892	ng	# 98
54) Dibenzofuran	14.60	168	96560	2.611	ng	# 76
57) Fluorene	15.26	166	115029	3.536	ng	100

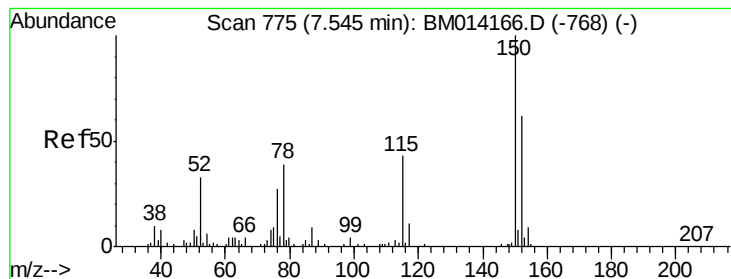
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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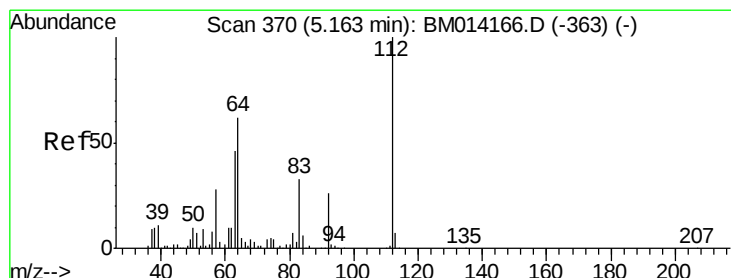
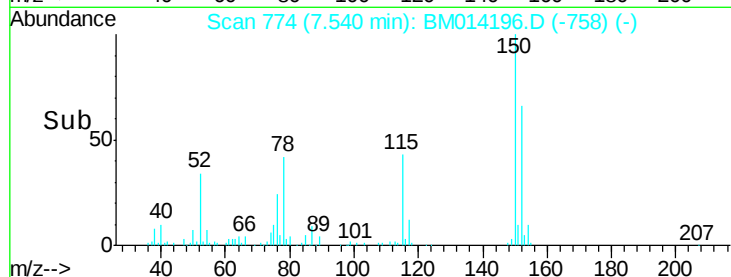
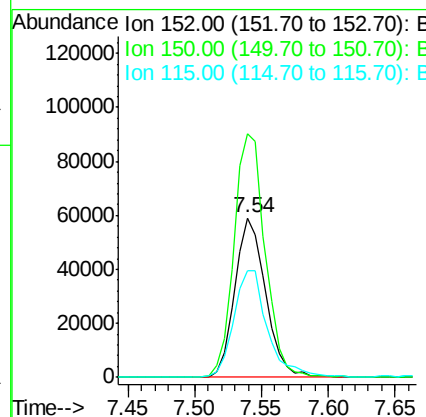
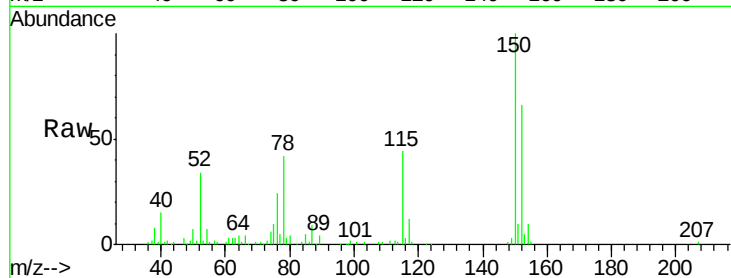


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :
LW-03-OW

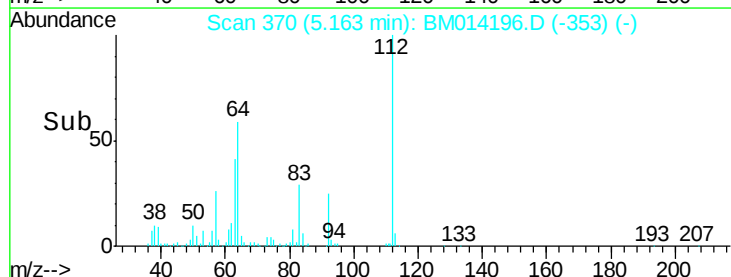
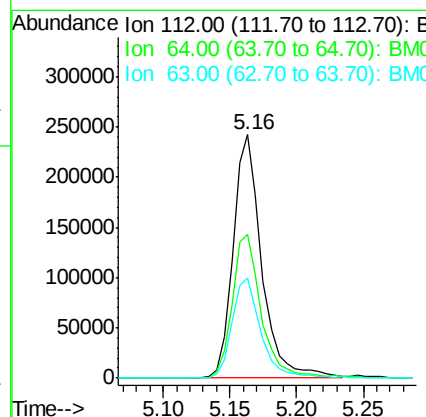
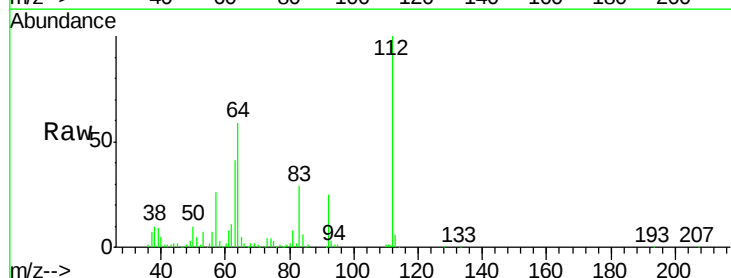
Tot Ion	152	Resp	95018
Ion Ratio	Lower	Upper	
152	100		
150	152.5	119.5	179.3
115	66.9	43.0	64.4

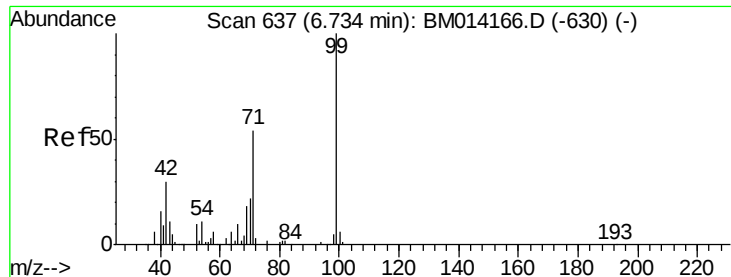


#5

2-Fluorophenol
Concen: 66.534 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion	112	Resp	362708
Ion Ratio	Lower	Upper	
112	100		
64	59.0	38.6	57.8
63	41.4	19.3	28.9





#7

Phenol-d6

Concen: 37.335 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Instrument :

BNA_M

ClientSampleId :

LW-03-OW

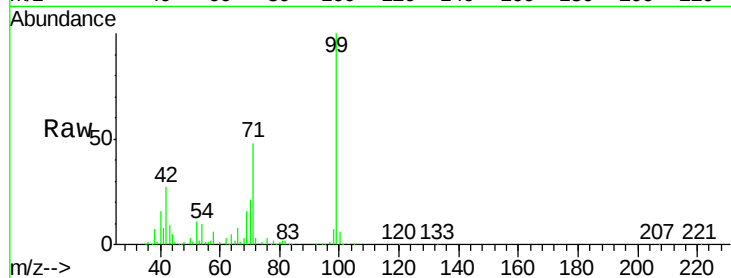
Tot Ion: 99 Resp: 288256

Ion Ratio Lower Upper

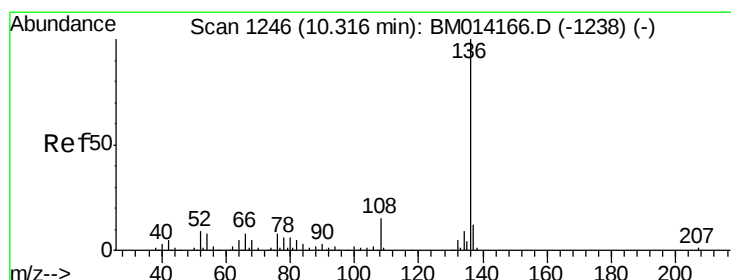
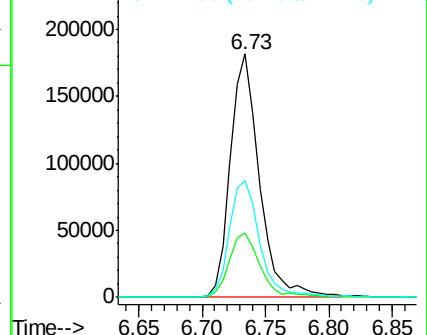
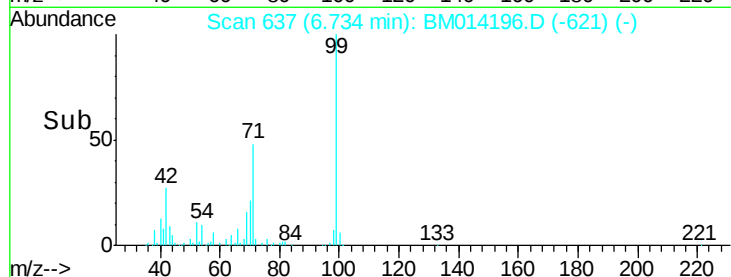
99 100

42 26.6 11.0 16.4#

71 48.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014196.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Tgt Ion: 136 Resp: 429765

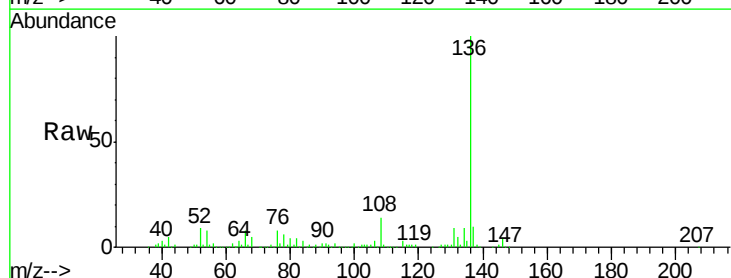
Ion Ratio Lower Upper

136 100

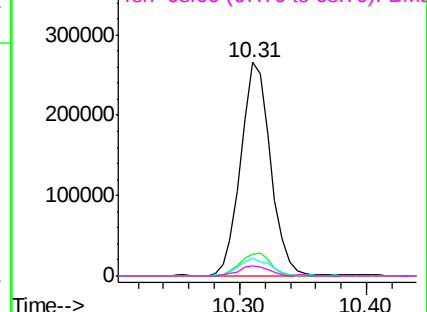
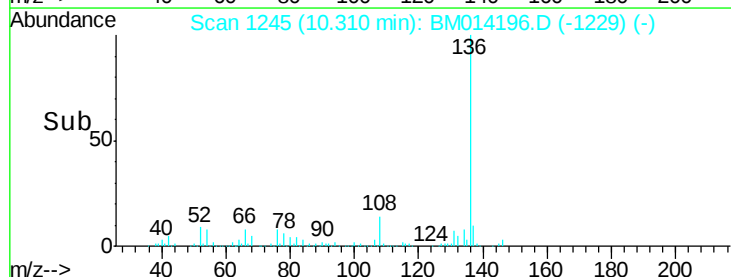
137 10.1 8.7 13.1

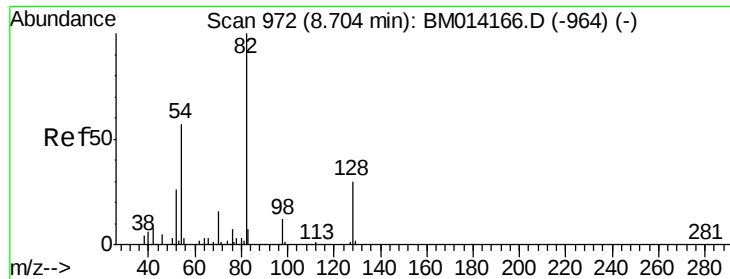
54 8.3 4.6 6.8#

68 4.6 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM014196.D (-1229) (-)





#23

Nitrobenzene-d5

Concen: 104.315 ng

RT: 8.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Instrument :

BNA_M

ClientSampleId :

LW-03-OW

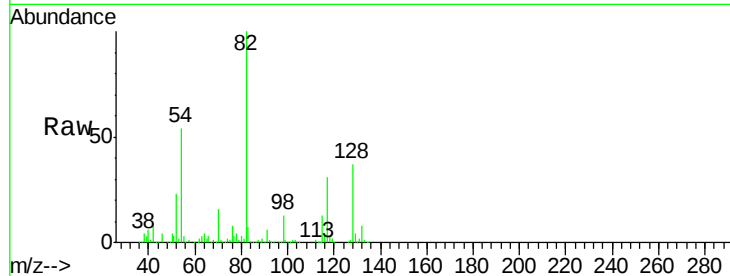
Tot Ion: 82 Resp: 1003656

Ion Ratio Lower Upper

82 100

128 37.2 32.8 49.2

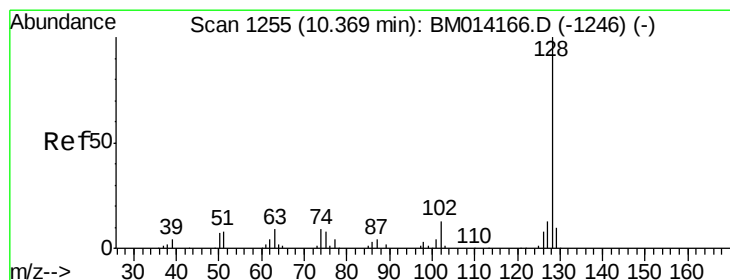
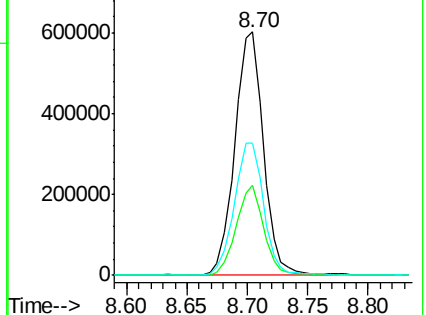
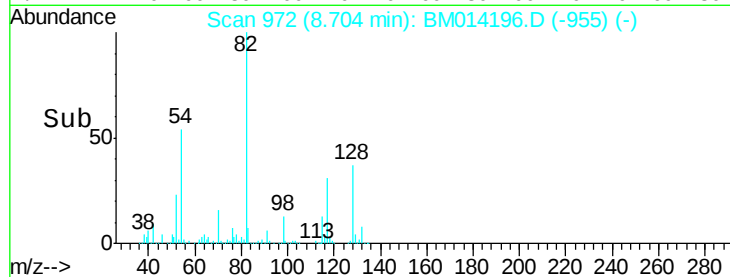
54 54.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014196.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM014196.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM014196.D (-955) (-)



#31

Naphthalene

Concen: 2.611 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

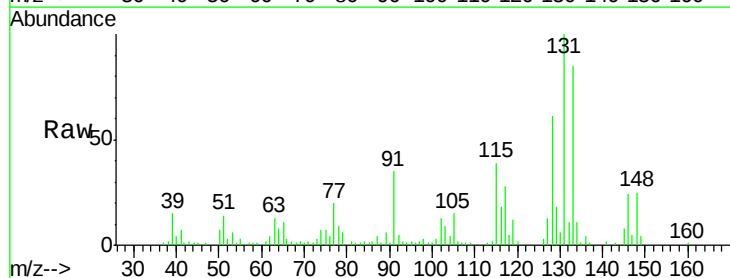
Tgt Ion: 128 Resp: 61436

Ion Ratio Lower Upper

128 100

129 30.0 8.9 13.3#

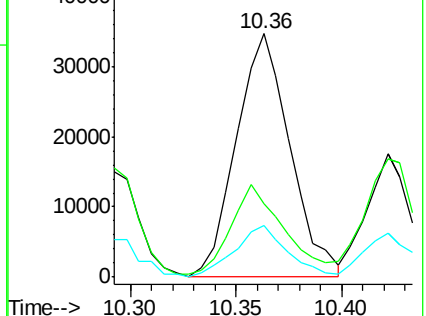
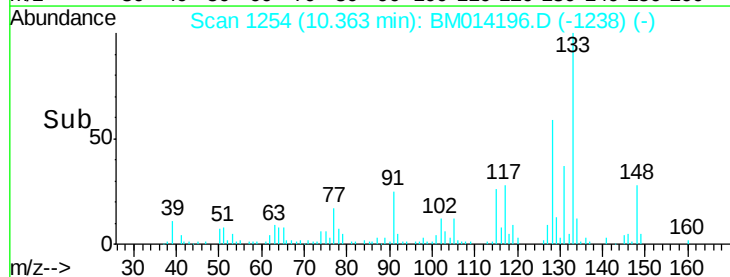
127 21.1 10.4 15.6#

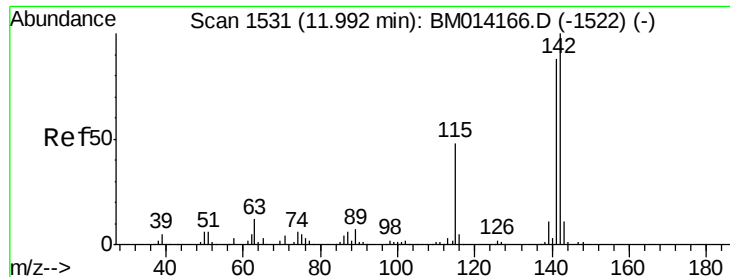


Abundance Ion 128.00 (127.70 to 128.70): BM014196.D (-1238) (-)

Ion 129.00 (128.70 to 129.70): BM014196.D (-1238) (-)

Ion 127.00 (126.70 to 127.70): BM014196.D (-1238) (-)

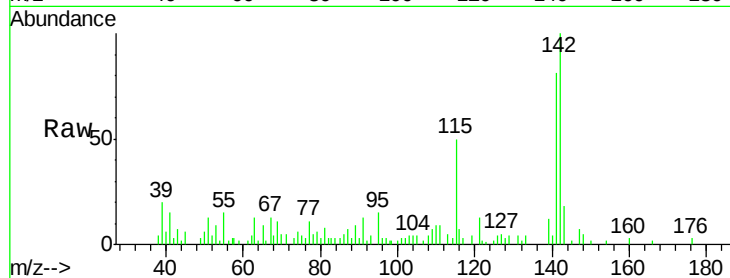




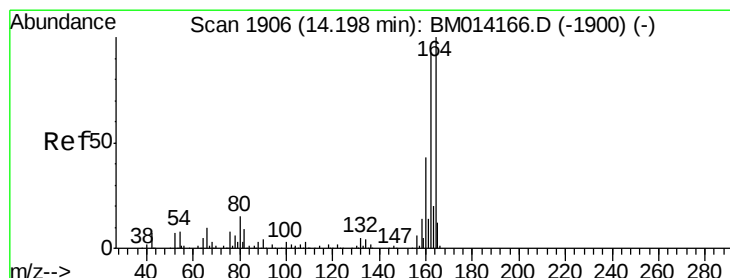
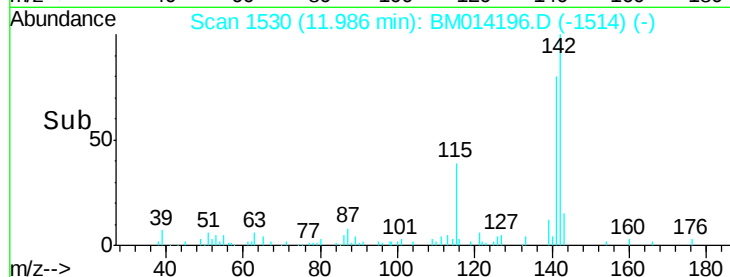
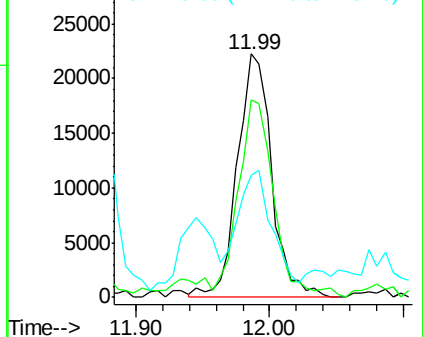
#37
2-Methylnaphthalene
Concen: 2.227 ng
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :
LW-03-OW

Tot Ion:142 Resp: 39463
Ion Ratio Lower Upper
142 100
141 80.9 71.9 107.9
115 50.4 25.4 38.0#

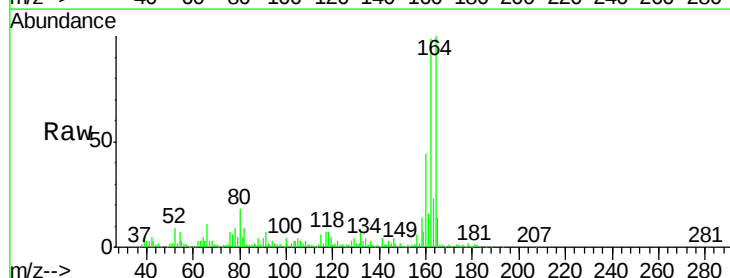


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

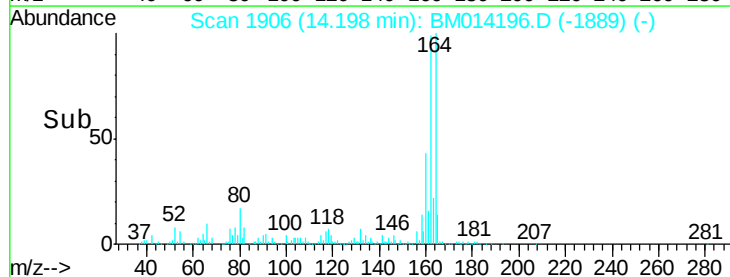
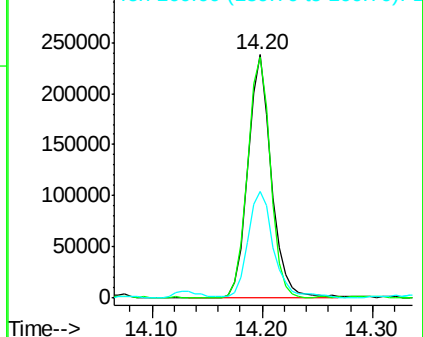


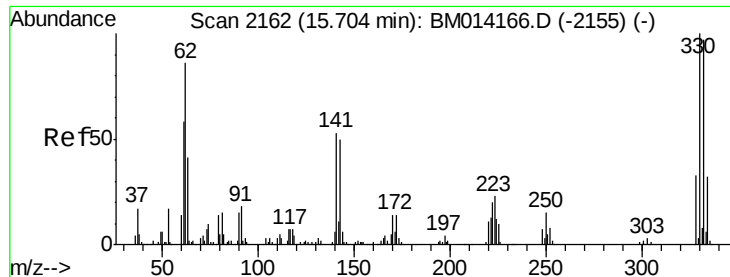
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:164 Resp: 356083
Ion Ratio Lower Upper
164 100
162 99.1 82.4 123.6
160 43.7 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

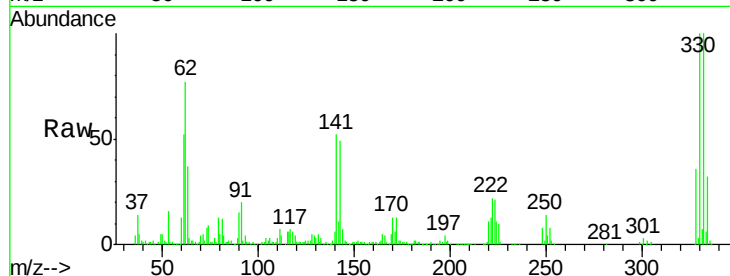




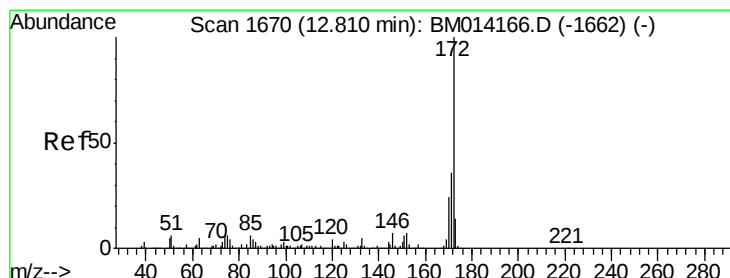
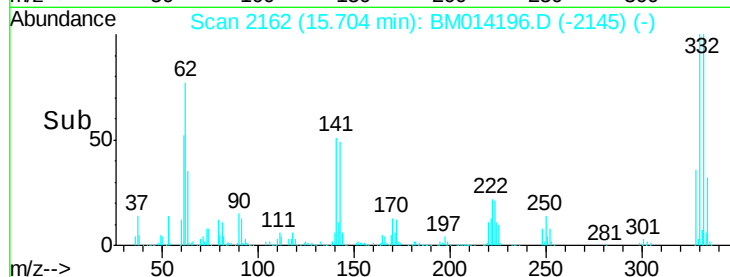
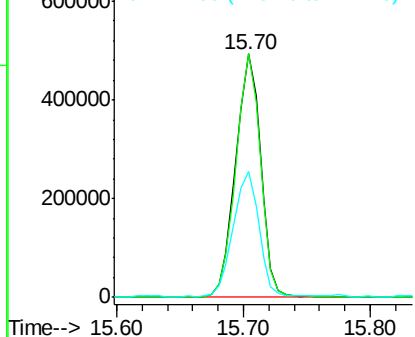
#41
 2,4,6-Tribromophenol
 Concen: 133.991 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM014196.D
 Acq: 08 Feb 2018 16:59

Instrument :
 BNA_M
 ClientSampleId :
 LW-03-OW

Tot Ion:330 Resp: 677020
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 52.1 0.0 0.0#

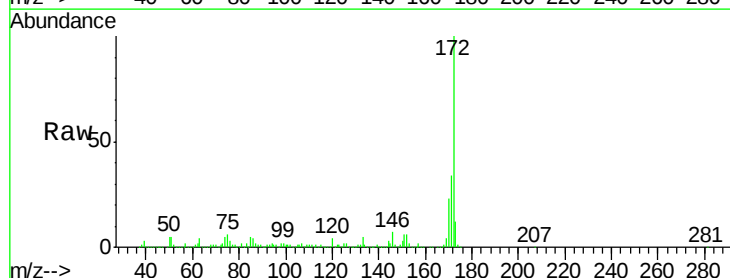


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

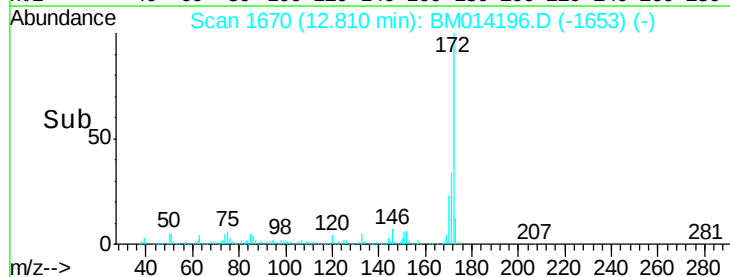
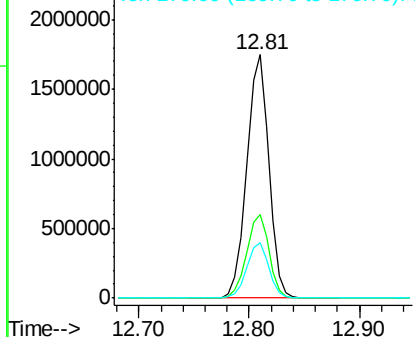


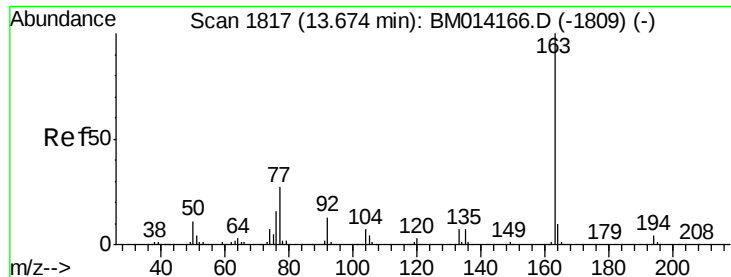
#44
 2-Fluorobiphenyl
 Concen: 86.017 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM014196.D
 Acq: 08 Feb 2018 16:59

Tgt Ion:172 Resp: 2453641
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 22.7 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





#49

Dimethylphthalate

Concen: 2.214 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Instrument :

BNA_M

ClientSampleId :

LW-03-OW

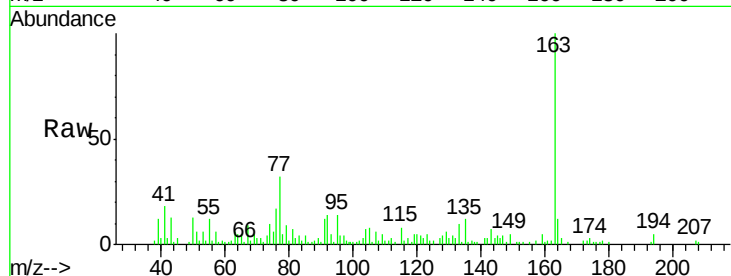
Tot Ion:163 Resp: 70586

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

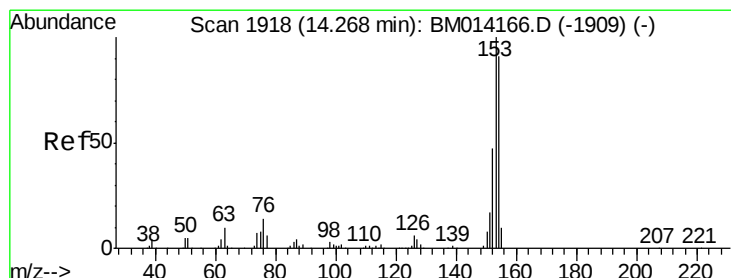
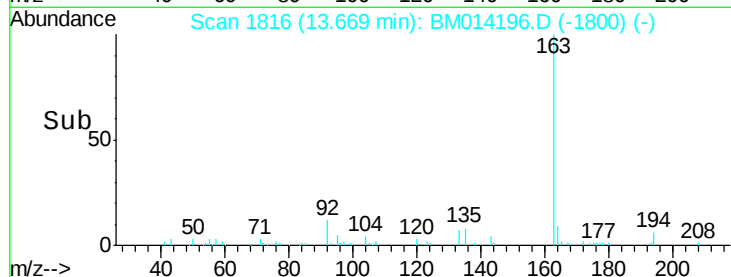
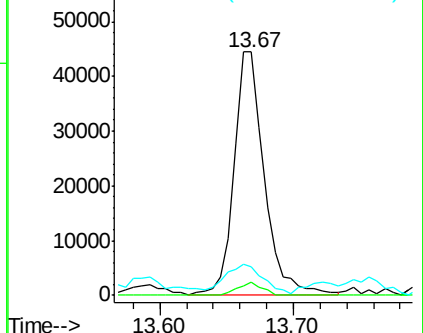
164 12.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.892 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

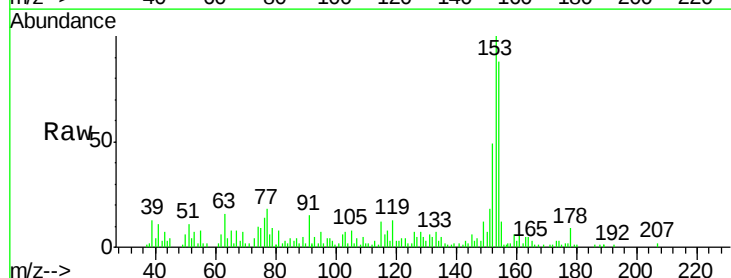
Tgt Ion:154 Resp: 68453

Ion Ratio Lower Upper

154 100

153 114.0 90.0 135.0

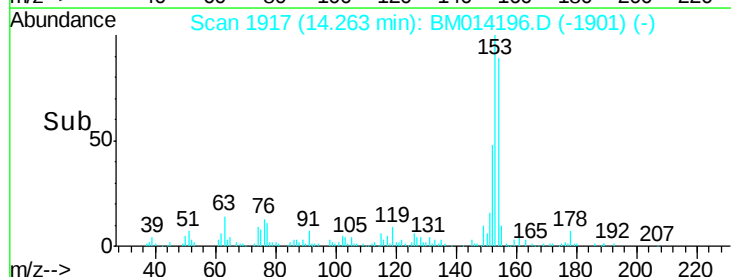
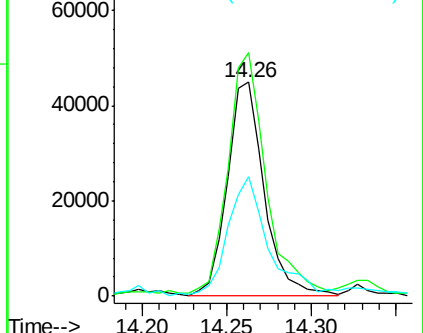
152 55.7 42.6 63.8

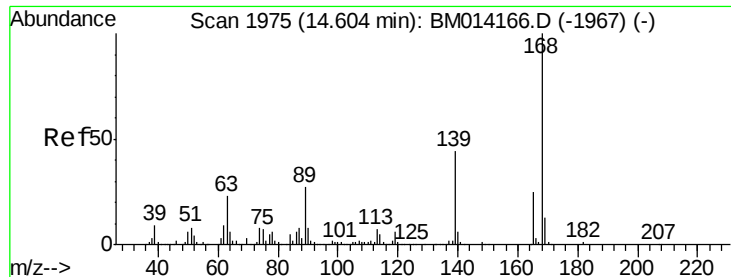


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

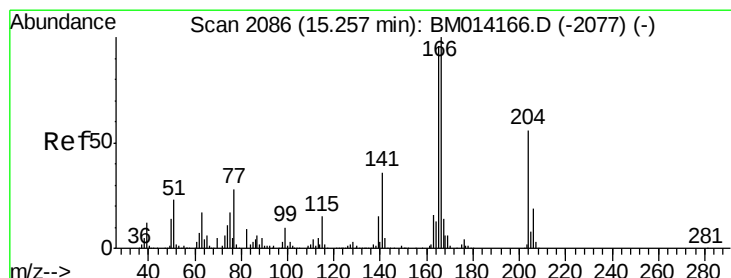
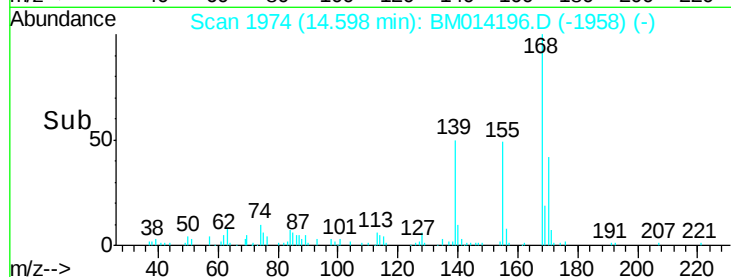
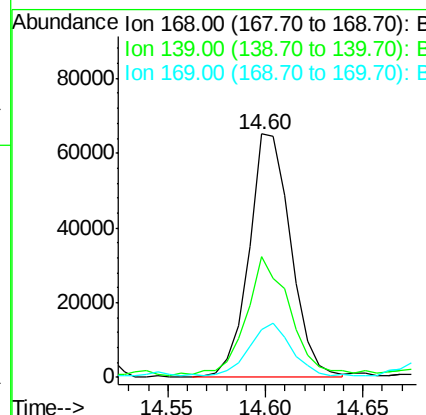
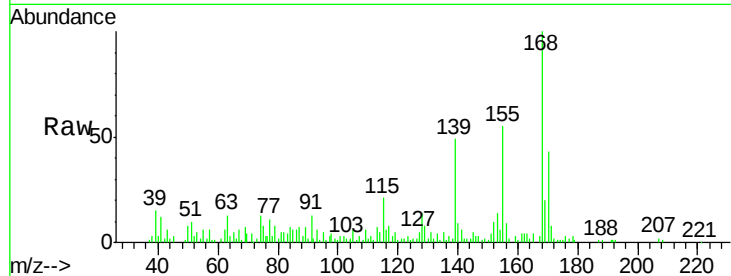




#54
Dibenzenofuran
Concen: 2.611 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

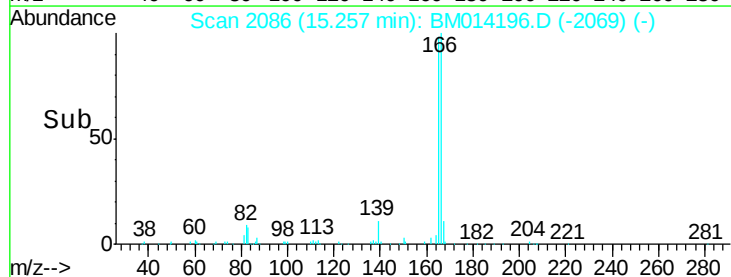
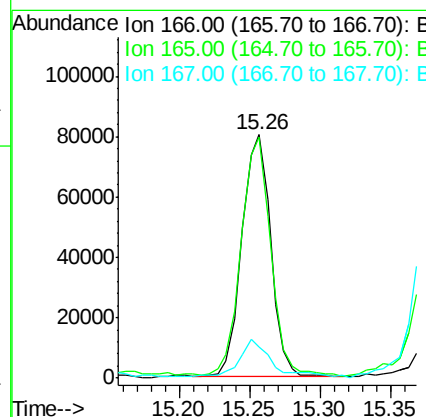
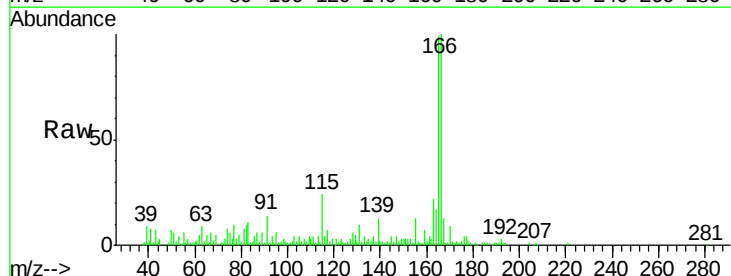
Instrument :
BNA_M
ClientSampleId :
LW-03-OW

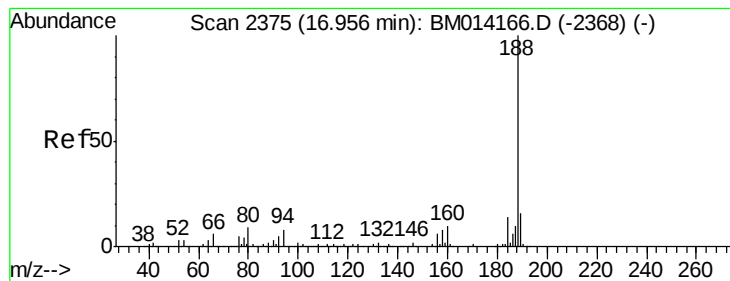
Tot Ion	Ratio	Lower	Upper
168	100		
139	49.4	27.3	40.9#
169	19.6	10.6	16.0#



#57
Fluorene
Concen: 3.536 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	12.8	10.3	15.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Instrument :

BNA_M

ClientSampleId :

LW-03-OW

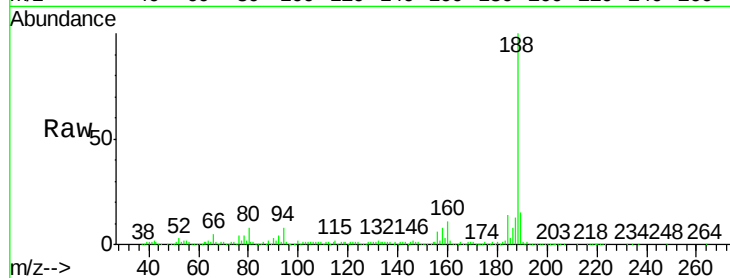
Tot Ion:188 Resp: 741307

Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

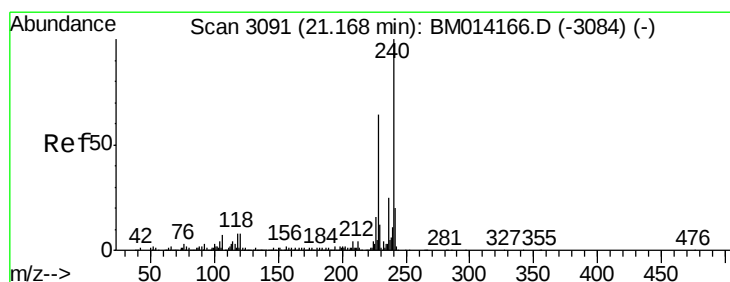
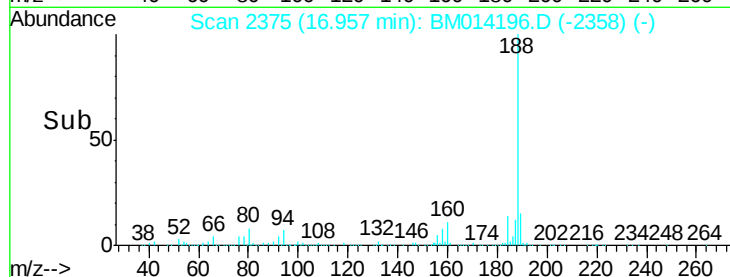
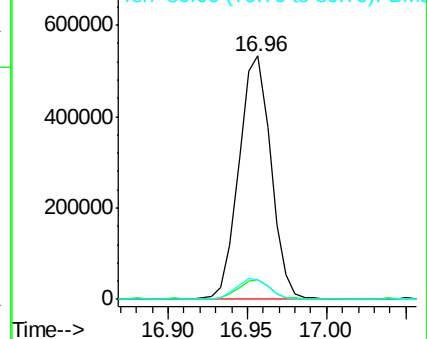
80 8.2 9.3 13.9#



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: BM014196.D

Acq: 08 Feb 2018 16:59

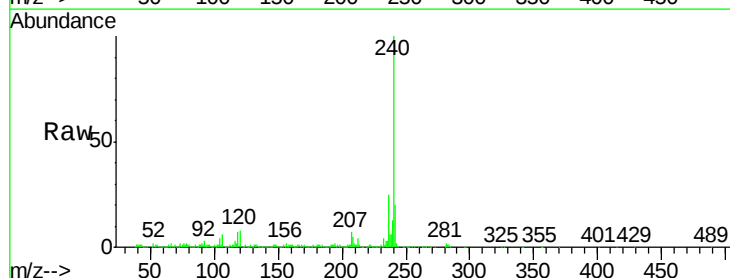
Tgt Ion:240 Resp: 614504

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

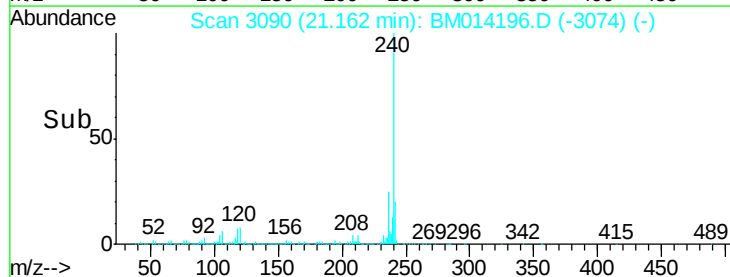
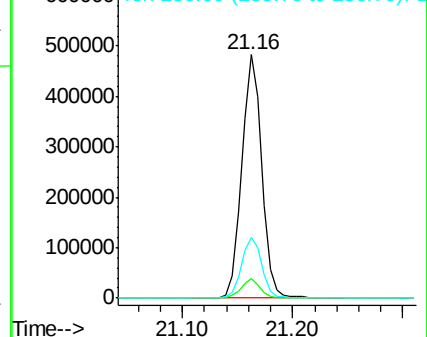
236 24.9 20.0 30.0

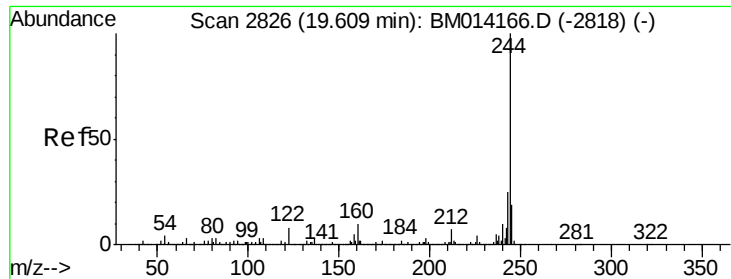


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.511 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

Instrument :

BNA_M

ClientSampleId :

LW-03-OW

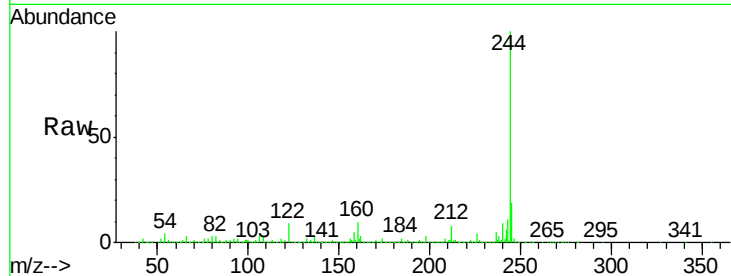
Tot Ion:244 Resp: 3506951

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

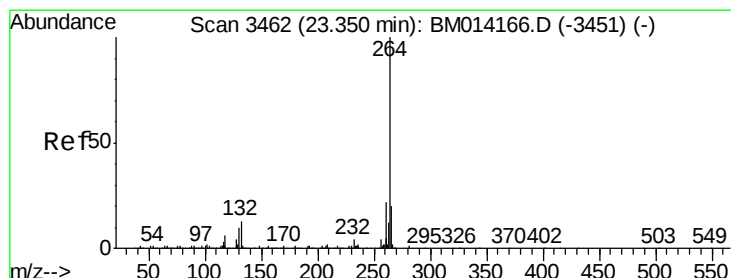
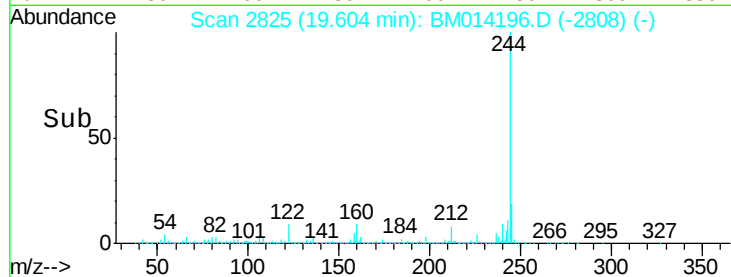
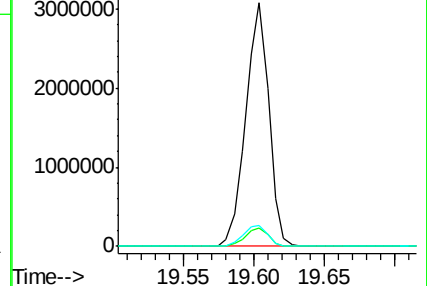
122 8.8 6.2 9.4



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: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014196.D

Acq: 08 Feb 2018 16:59

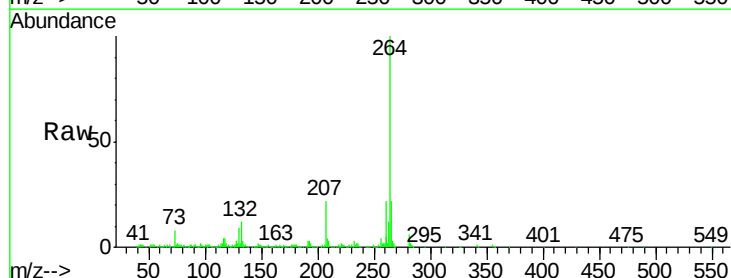
Tgt Ion:264 Resp: 507068

Ion Ratio Lower Upper

264 100

260 22.0 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

