

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014193.D
 Acq On : 08 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1455-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LW-02-B

Quant Time: Feb 09 04:19:40 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	94029	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	355252	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	234901	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	577062	20.00	ng	0.00
75) Chrysene-d12	21.16	240	646245	20.00	ng	0.00
86) Perylene-d12	23.34	264	609453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	355063	65.82	ng	0.00
7) Phenol-d6	6.73	99	275780	36.09	ng	0.00
23) Nitrobenzene-d5	8.70	82	901870	113.40	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	541760	162.54	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1996647	106.11	ng	0.00
78) Terphenyl-d14	19.60	244	3643900	110.17	ng	0.00

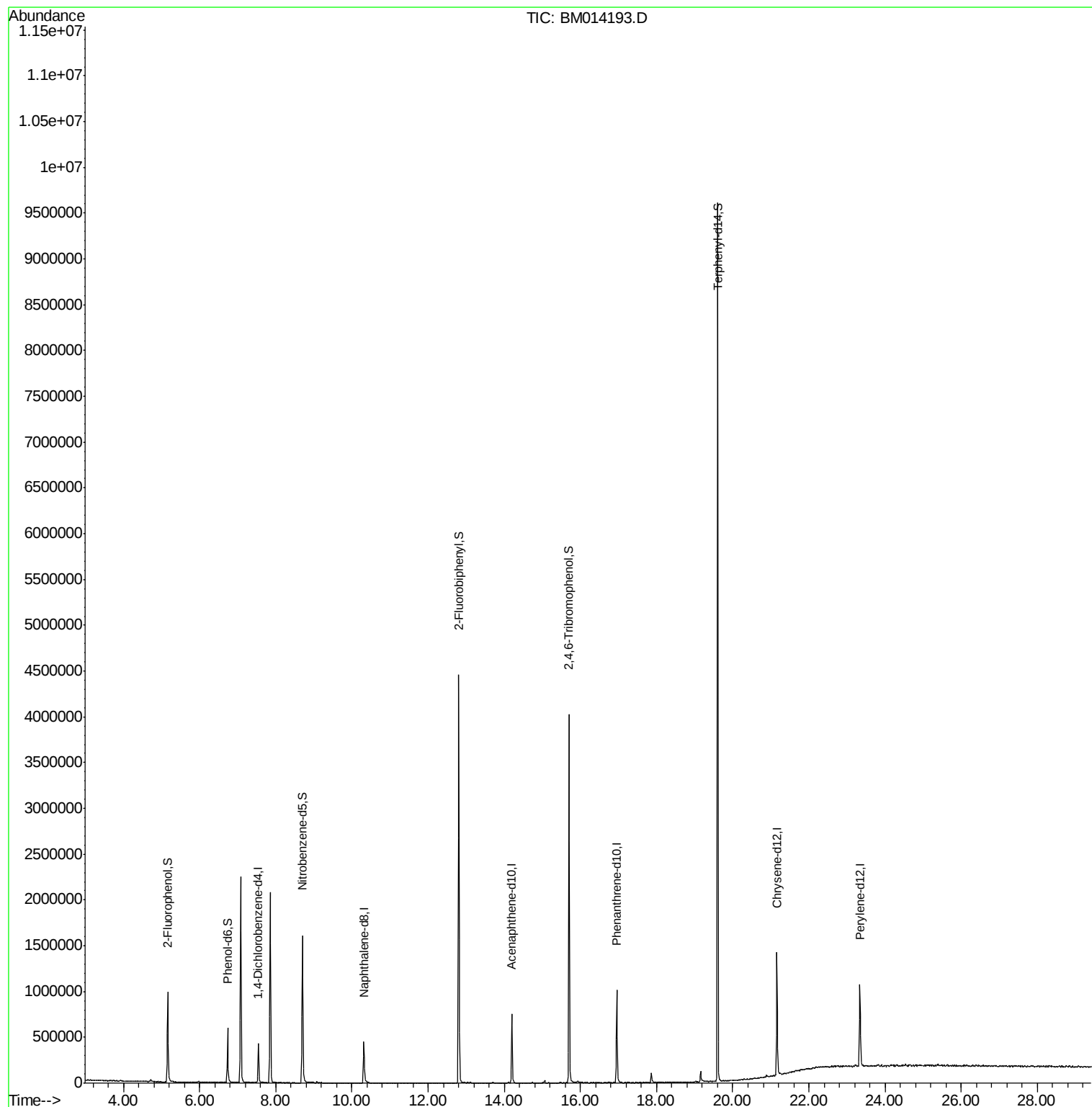
Target Compounds Qvalue

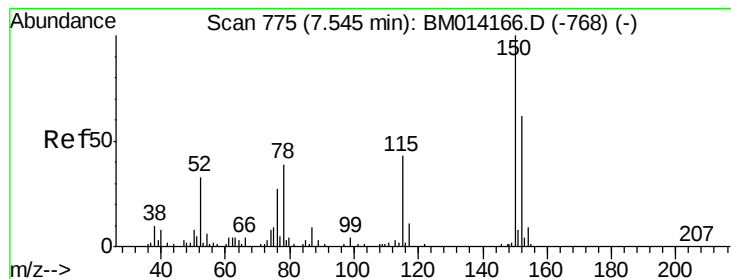
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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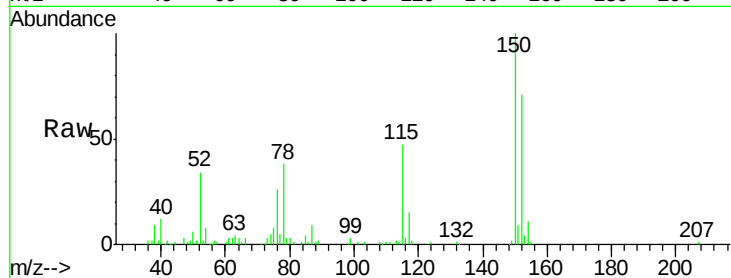


#1

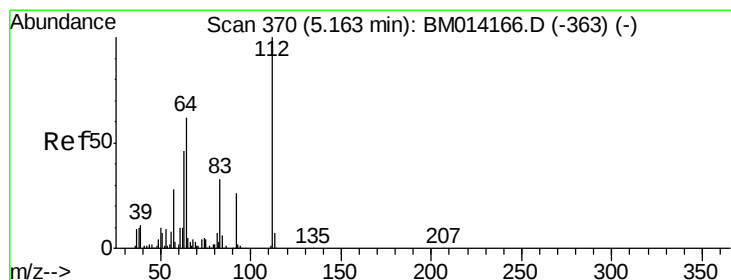
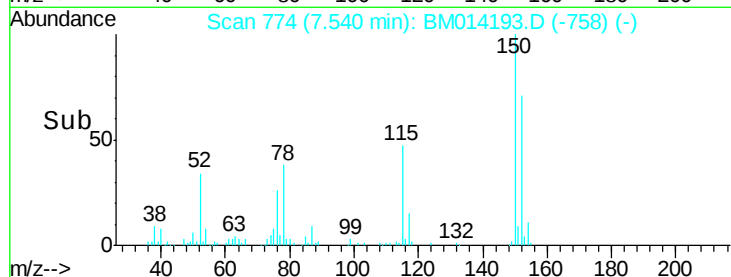
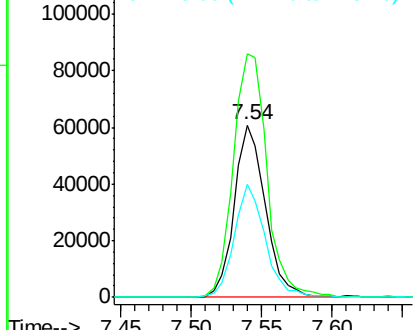
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Instrument :
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Tot Ion	152	Resp	94029
Ion Ratio	Lower	Upper	
152	100		
150	141.5	119.5	179.3
115	66.0	43.0	64.4



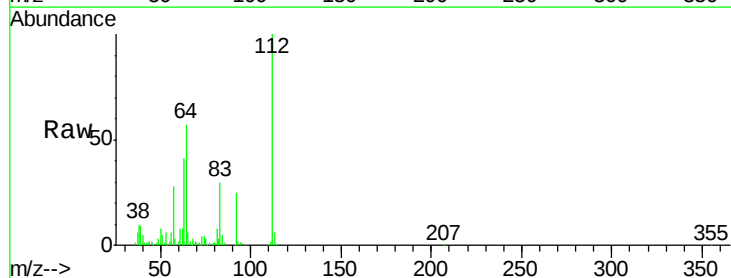
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



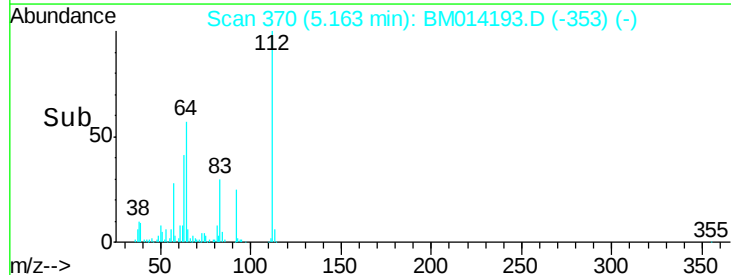
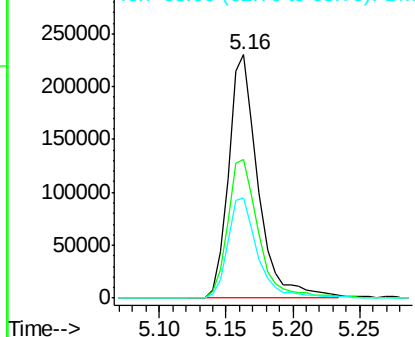
#5

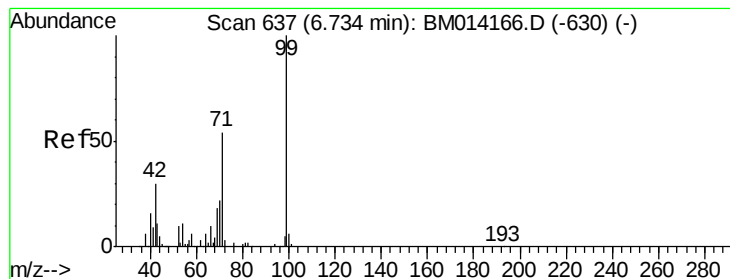
2-Fluorophenol
Concen: 65.817 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion	112	Resp	355063
Ion Ratio	Lower	Upper	
112	100		
64	56.9	38.6	57.8
63	41.4	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: 36.095 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014193.D

Acq: 08 Feb 2018 15:11

Instrument :

BNA_M

ClientSampleId :

LW-02-B

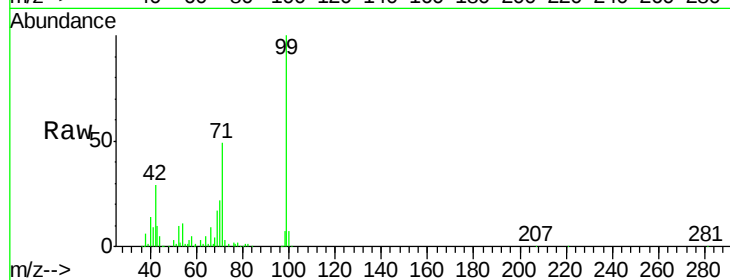
Tot Ion: 99 Resp: 275780

Ion Ratio Lower Upper

99 100

42 28.9 11.0 16.4#

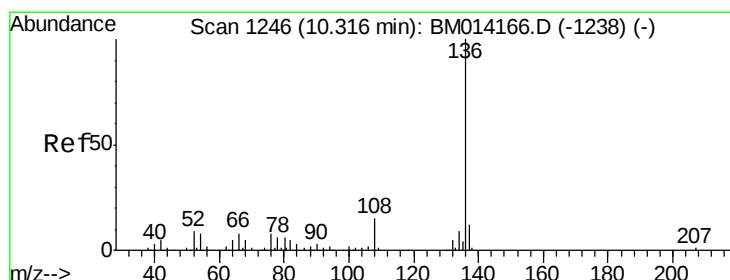
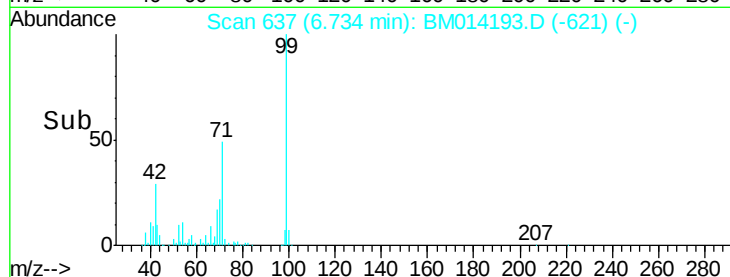
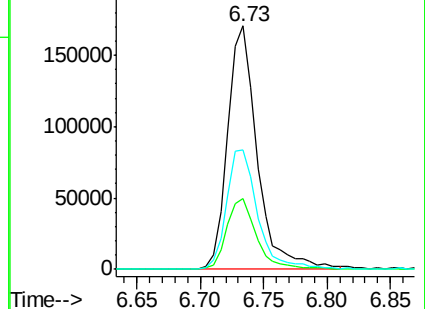
71 48.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014193.D

Acq: 08 Feb 2018 15:11

Tgt Ion: 136 Resp: 355252

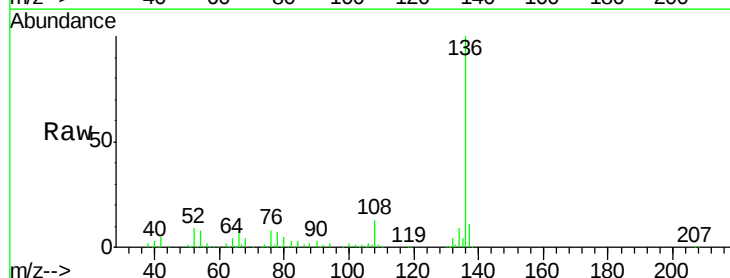
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.4 4.6 6.8#

68 4.4 3.7 5.5

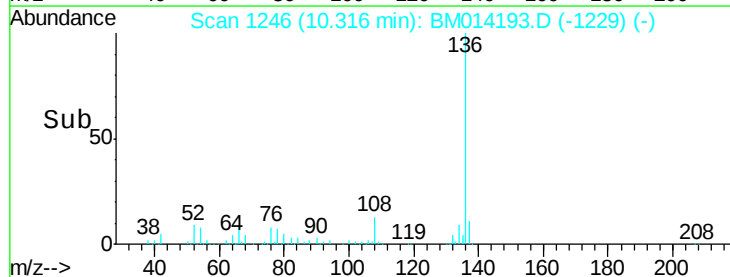
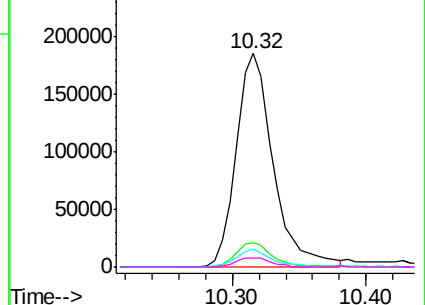


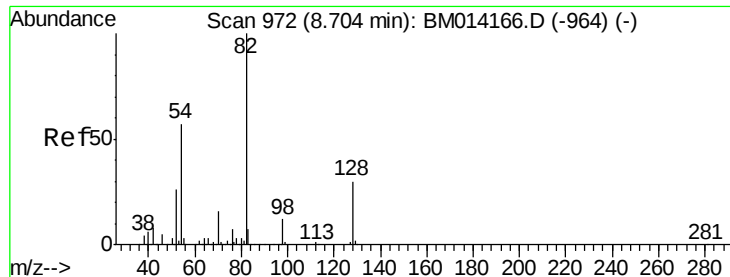
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014166.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014166.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014166.D (-1238) (-)

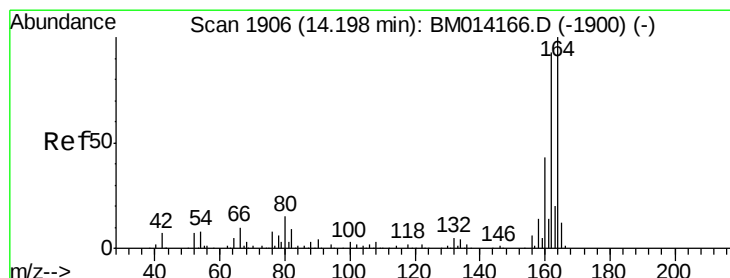
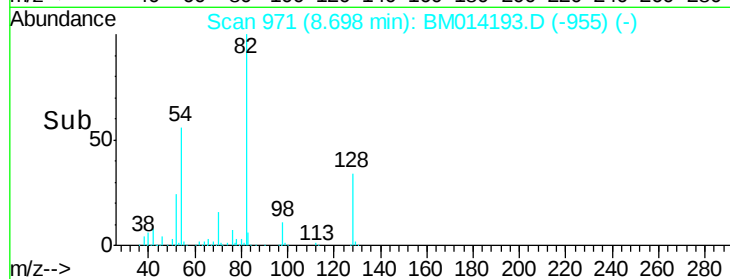
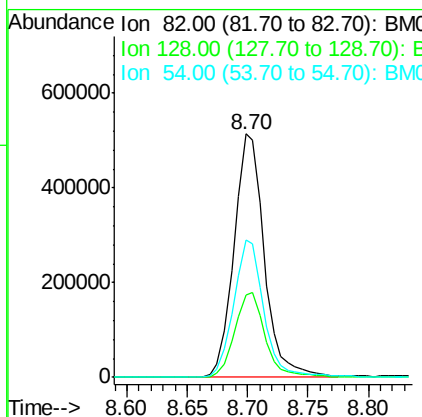
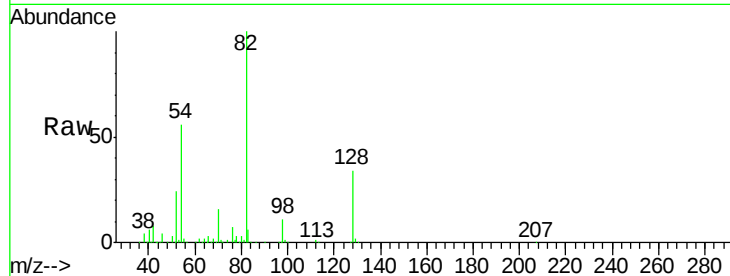




#23
Nitrobenzene-d5
Concen: 113.396 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

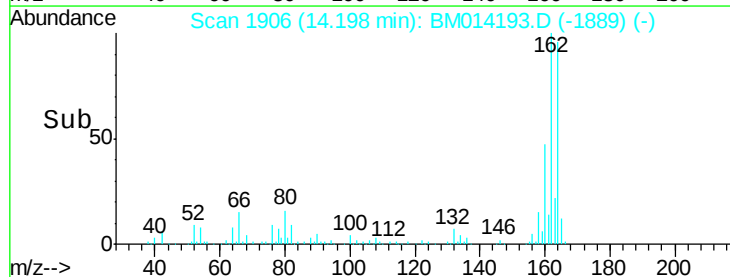
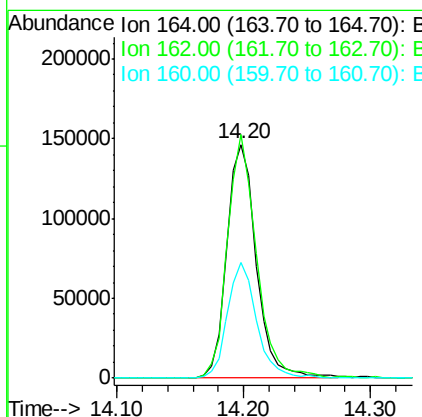
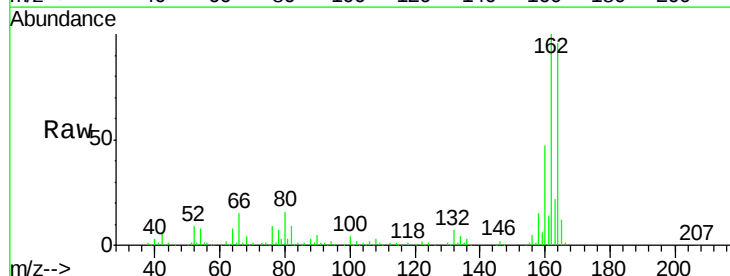
Instrument :
BNA_M
ClientSampleId :
LW-02-B

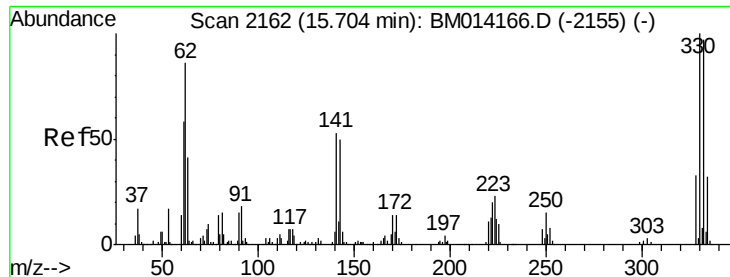
Tot Ion	82	Resp	901870
Ion Ratio	Lower	Upper	
82	100		
128	34.0	32.8	49.2
54	56.4	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion	164	Resp	234901
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.4	123.6
160	49.5	35.8	53.6

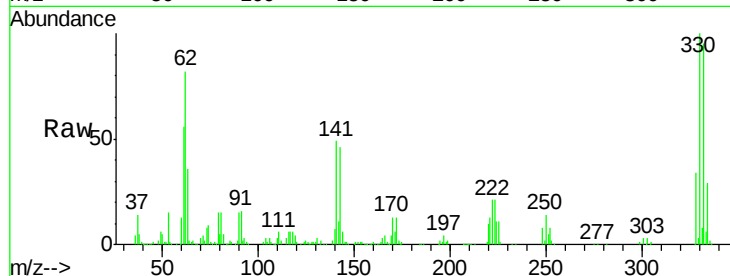




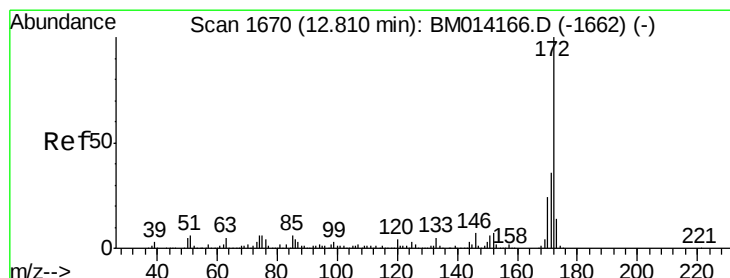
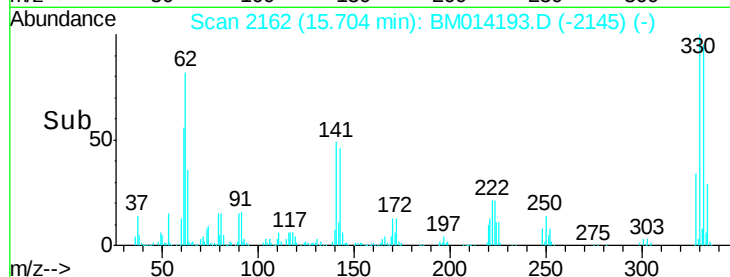
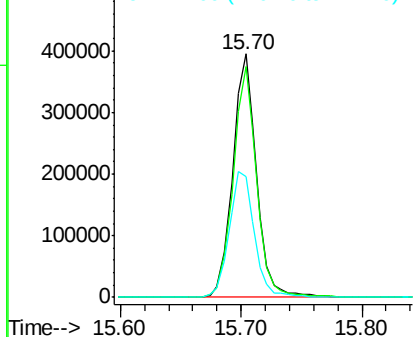
#41
 2,4,6-Tribromophenol
 Concen: 162.535 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014193.D
 Acq: 08 Feb 2018 15:11

Instrument :
 BNA_M
 ClientSampled :
 LW-02-B

Tot Ion:330 Resp: 541760
 Ion Ratio Lower Upper
 330 100
 332 93.6 0.0 0.0#
 141 54.6 0.0 0.0#

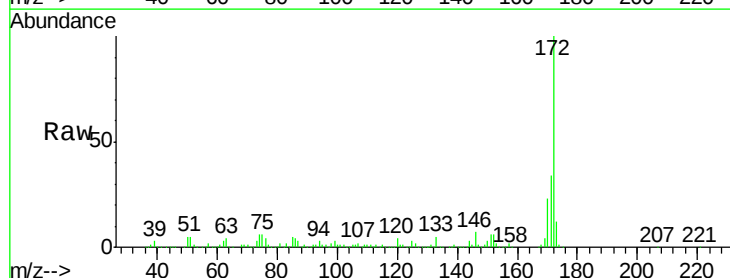


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

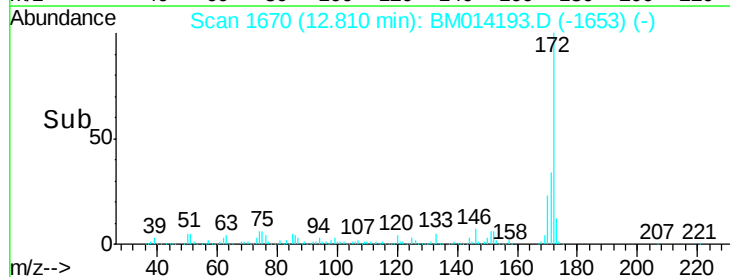
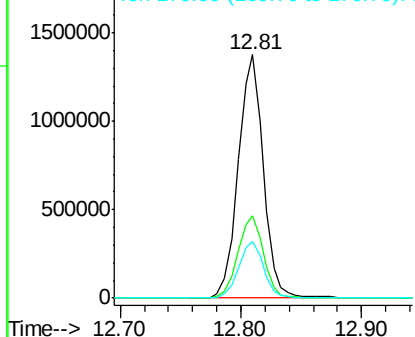


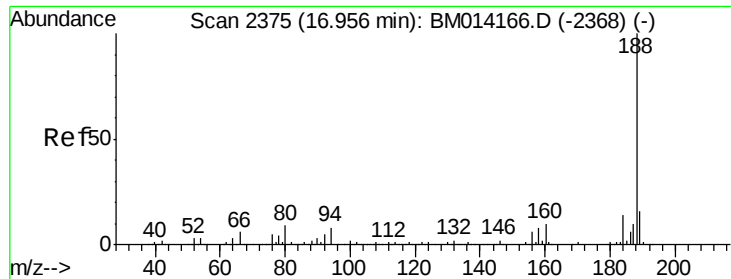
#44
 2-Fluorobiphenyl
 Concen: 106.106 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014193.D
 Acq: 08 Feb 2018 15:11

Tgt Ion:172 Resp: 1996647
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 23.2 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

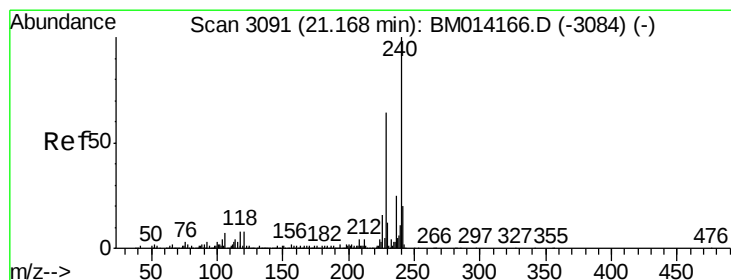
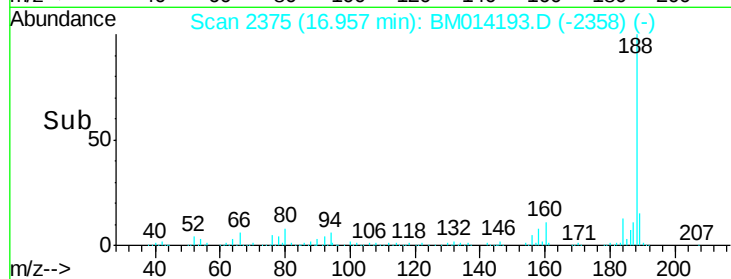
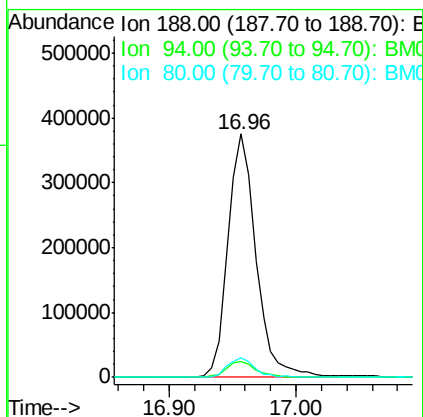
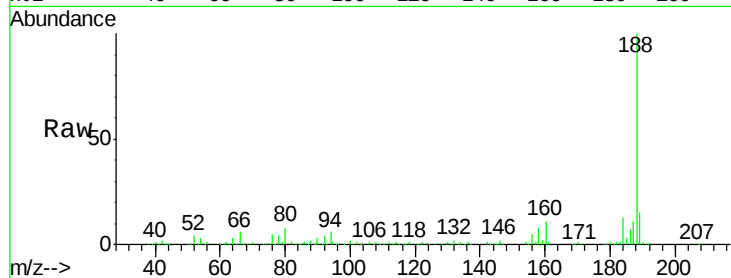




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

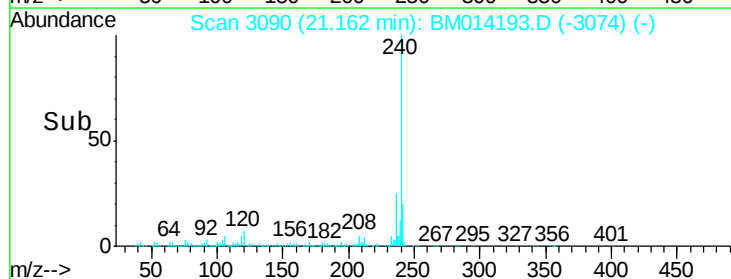
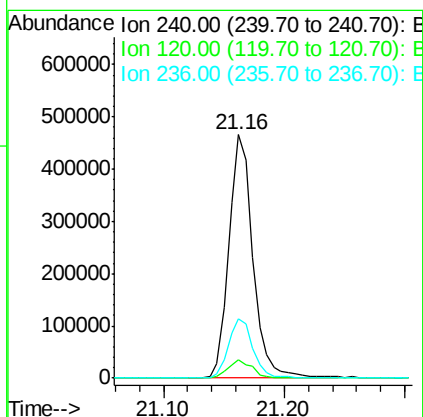
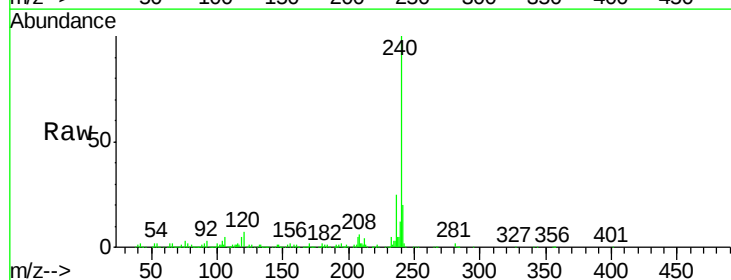
Instrument :
BNA_M
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LW-02-B

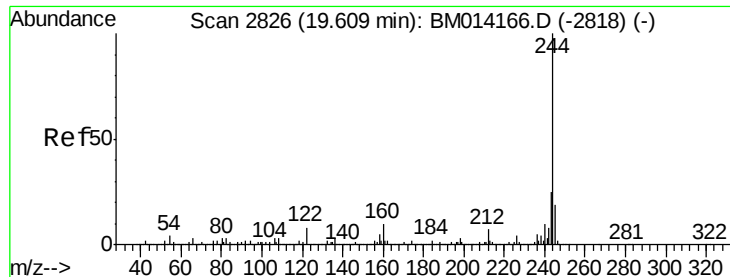
Tot Ion:188 Resp: 577062
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:240 Resp: 646245
Ion Ratio Lower Upper
240 100
120 7.4 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 110.174 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014193.D

Acq: 08 Feb 2018 15:11

Instrument :

BNA_M

ClientSampleId :

LW-02-B

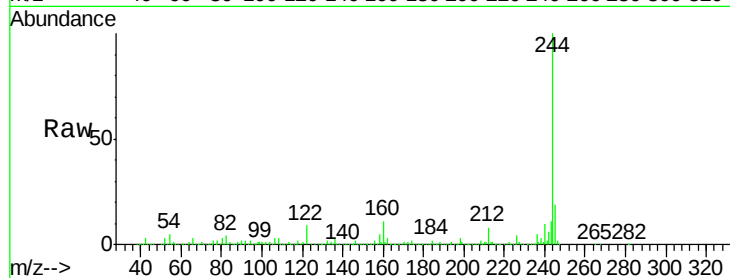
Tot Ion:244 Resp: 3643900

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

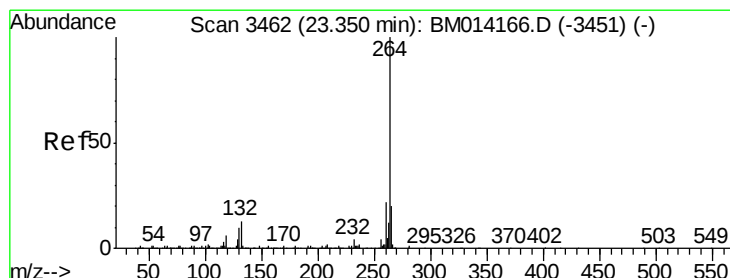
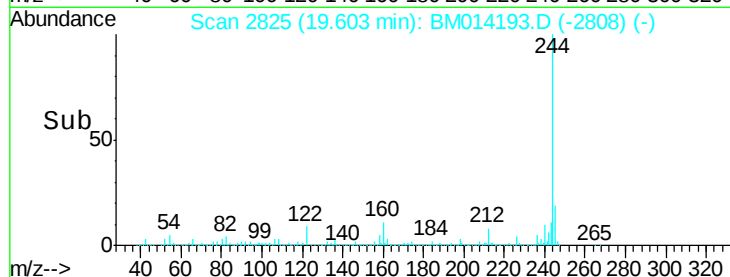
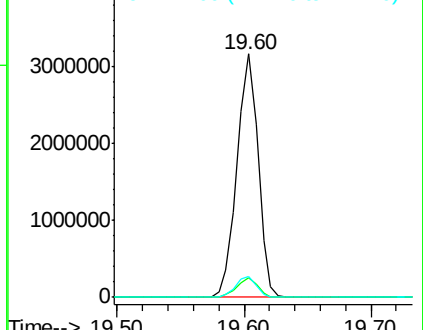
122 8.8 6.2 9.4



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: BM014193.D

Acq: 08 Feb 2018 15:11

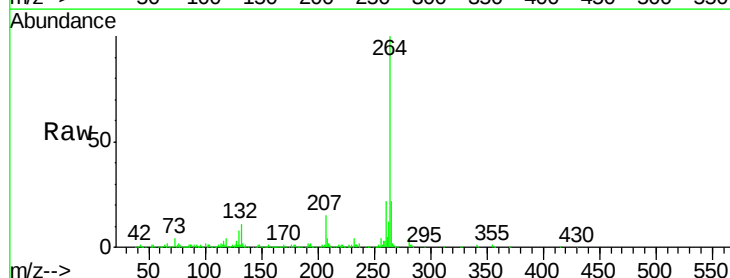
Tgt Ion:264 Resp: 609453

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.1 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

