

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014224.D
 Acq On : 13 Feb 2018 16:57
 Operator : SJ/JU
 Sample : J1518-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Quant Time: Feb 14 04:46:12 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	83884	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	329270	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	215337	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	515838	20.00	ng	0.00
75) Chrysene-d12	21.16	240	604415	20.00	ng	-0.01
86) Perylene-d12	23.33	264	559007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	332194	69.02	ng	0.00
7) Phenol-d6	6.73	99	253548	37.20	ng	0.00
23) Nitrobenzene-d5	8.70	82	835655	113.36	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	468578	153.35	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1805957	104.69	ng	0.00
78) Terphenyl-d14	19.60	244	3518557	113.75	ng	0.00

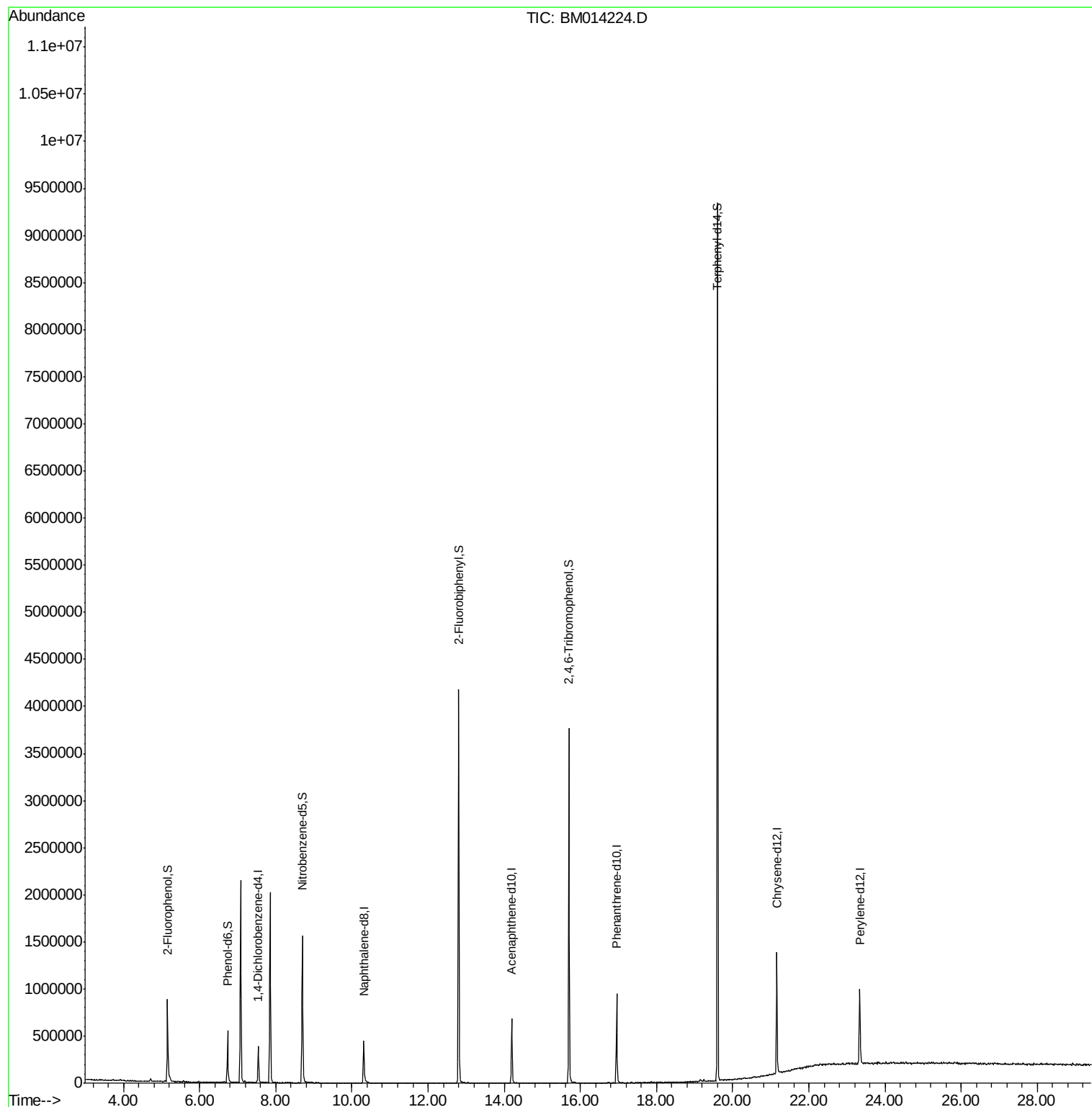
Target Compounds Qvalue

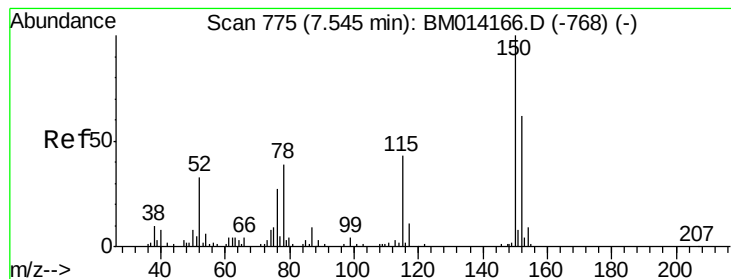
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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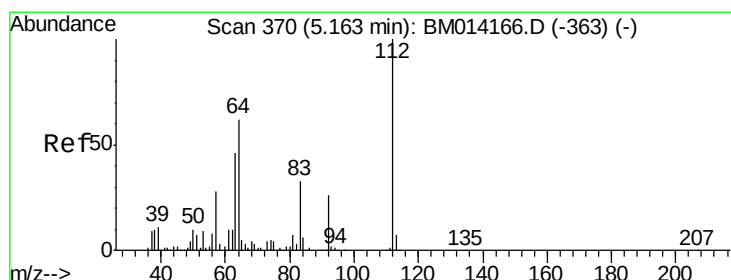
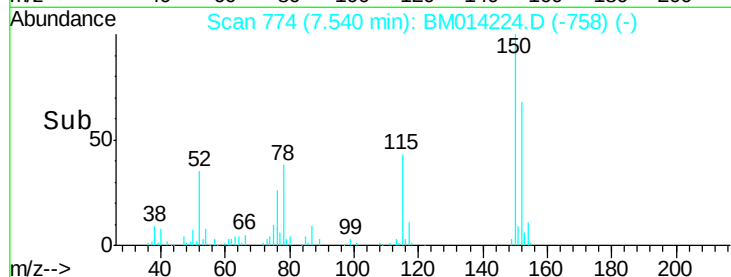
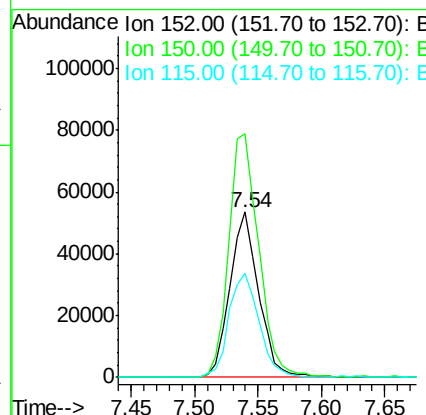
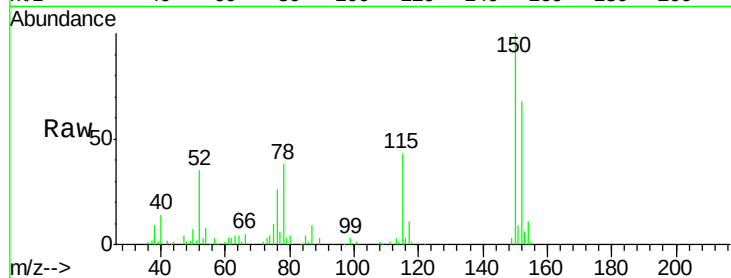


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

Instrument :
 BNA_M
 ClientSampled :
 MW-7

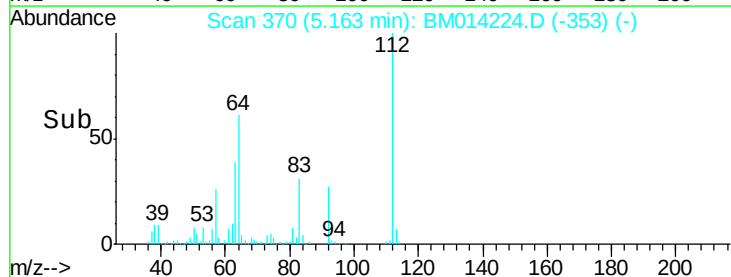
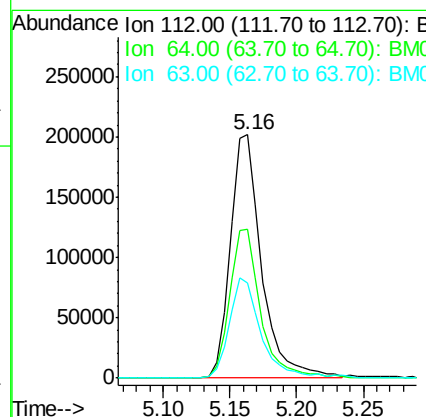
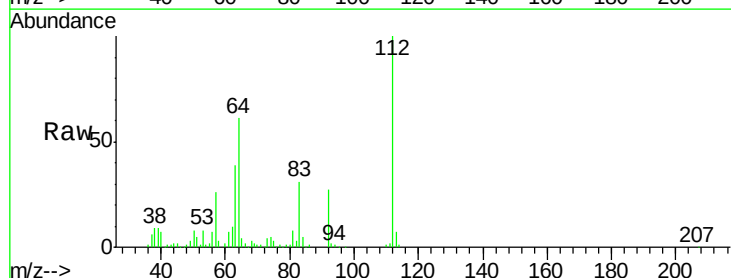
Tot Ion	152	Resp	83884
Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	63.4	43.0	64.4

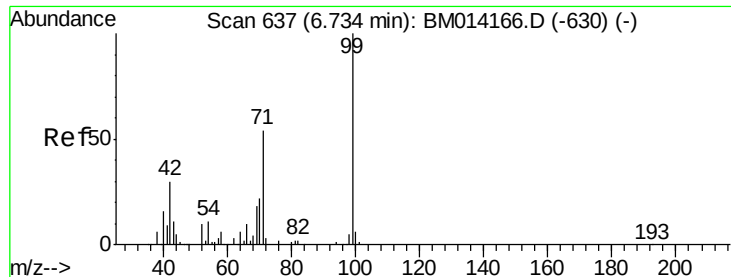


#5

2-Fluorophenol
 Concen: 69.025 ng
 RT: 5.16 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

Tgt Ion	112	Resp	332194
Ion	Ratio	Lower	Upper
112	100		
64	61.0	38.6	57.8#
63	39.0	19.3	28.9#





#7

Phenol-d6

Concen: 37.198 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014224.D

Acq: 13 Feb 2018 16:57

Instrument :

BNA_M

ClientSampled :

MW-7

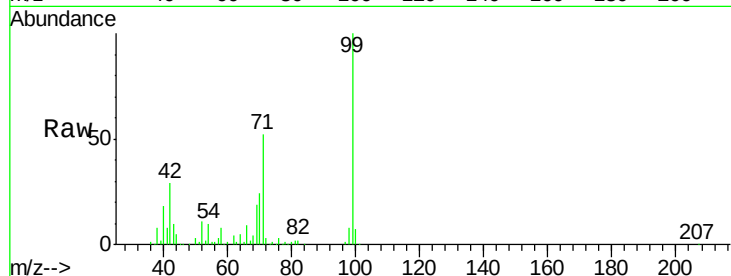
Tot Ion: 99 Resp: 253548

Ion Ratio Lower Upper

99 100

42 28.6 11.0 16.4#

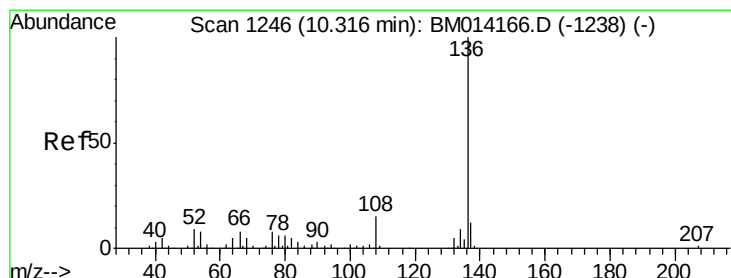
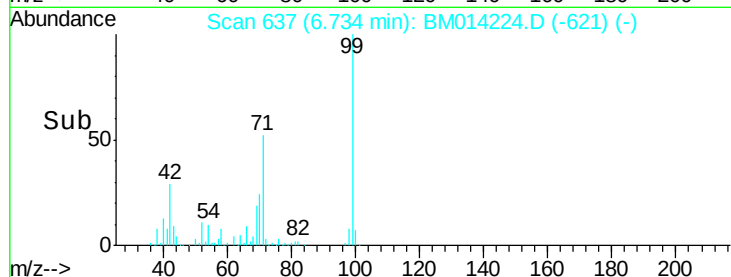
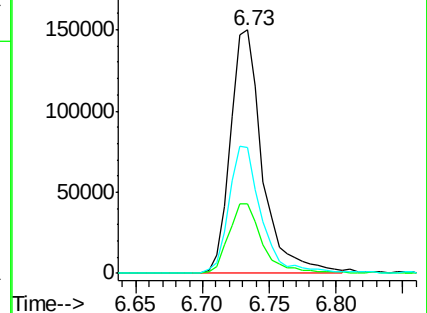
71 51.9 23.4 35.2#



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: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014224.D

Acq: 13 Feb 2018 16:57

Tgt Ion: 136 Resp: 329270

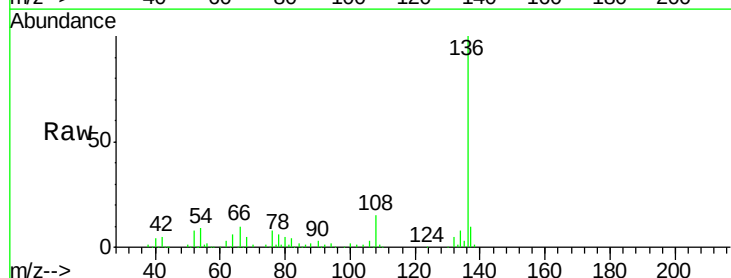
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 9.4 4.6 6.8#

68 4.8 3.7 5.5

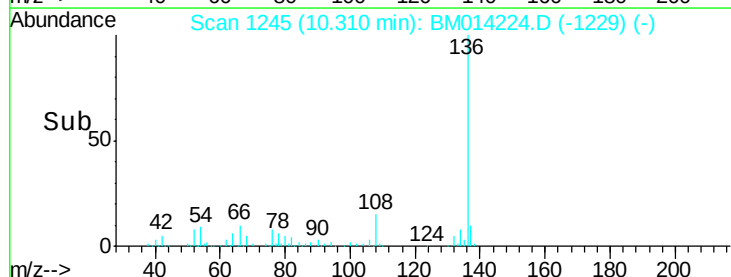
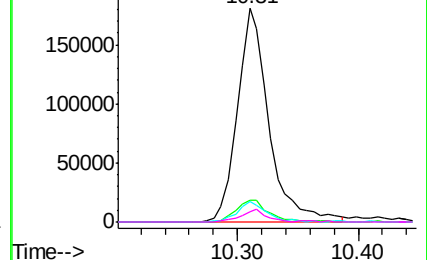


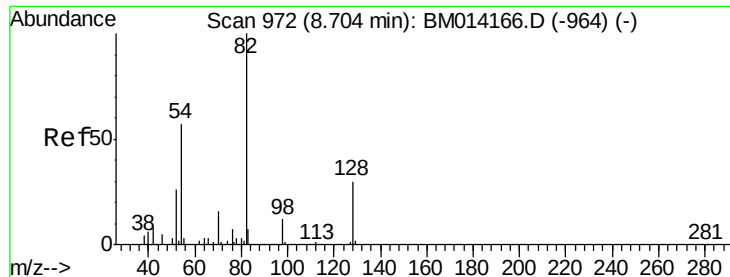
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

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) (-)

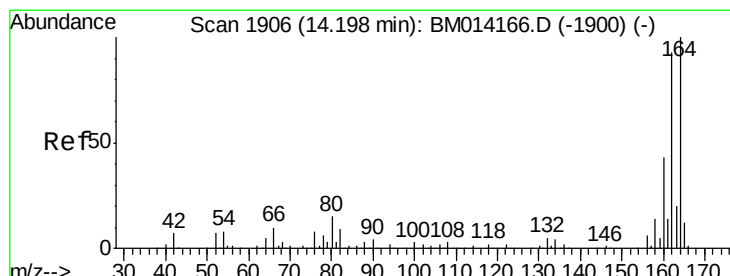
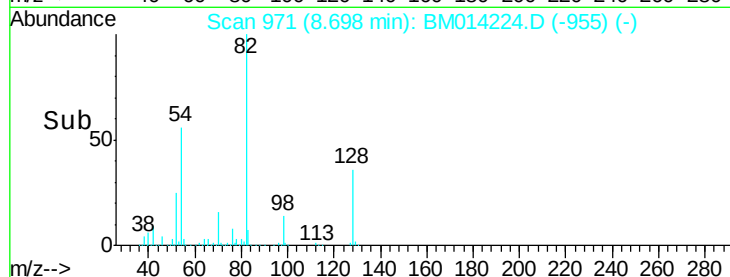
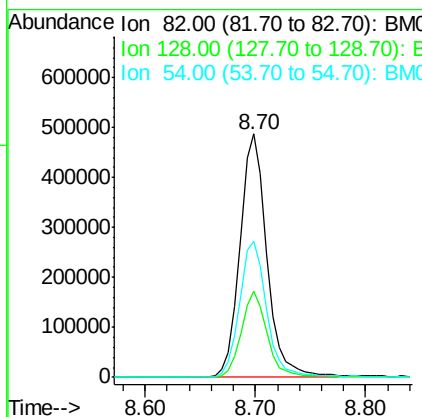
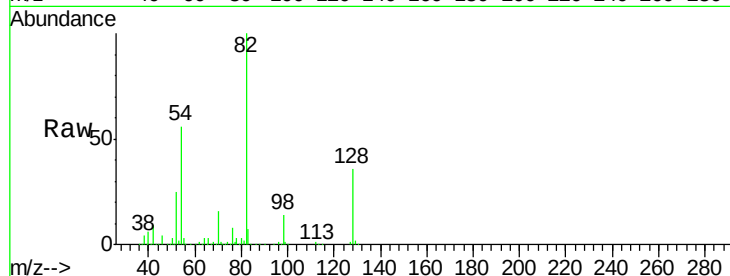




#23
 Nitrobenzene-d5
 Concen: 113.362 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

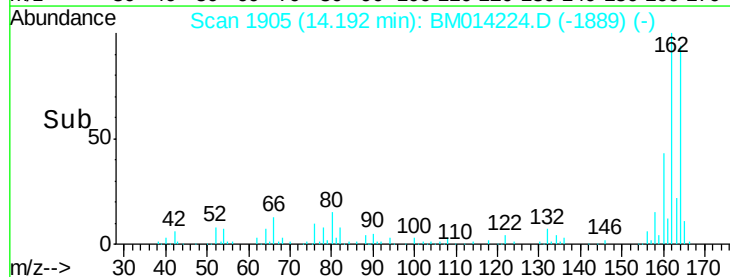
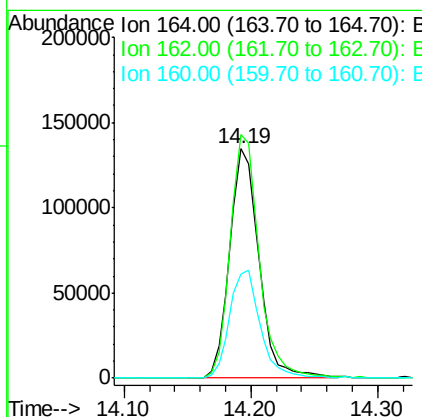
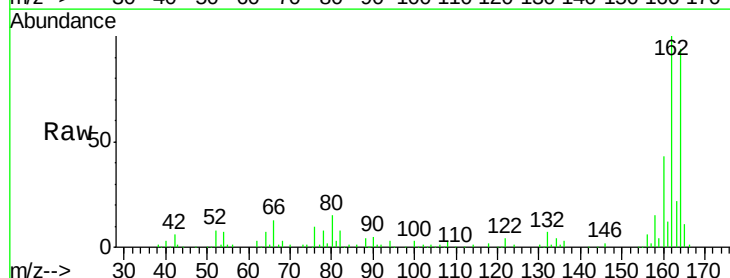
Instrument :
 BNA_M
 ClientSampled :
 MW-7

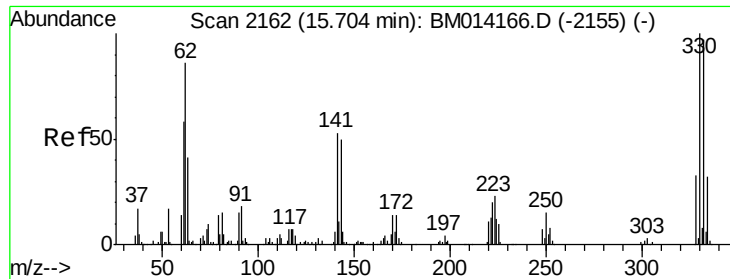
Tot Ion	82	Resp	835655
Ion Ratio	Lower	Upper	
82	100		
128	35.5	32.8	49.2
54	55.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

Tgt Ion	164	Resp	215337
Ion Ratio	Lower	Upper	
164	100		
162	106.1	82.4	123.6
160	45.6	35.8	53.6

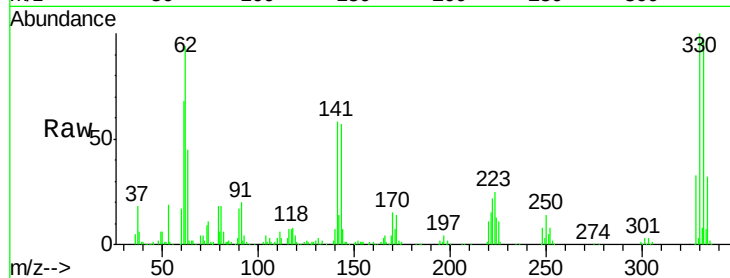




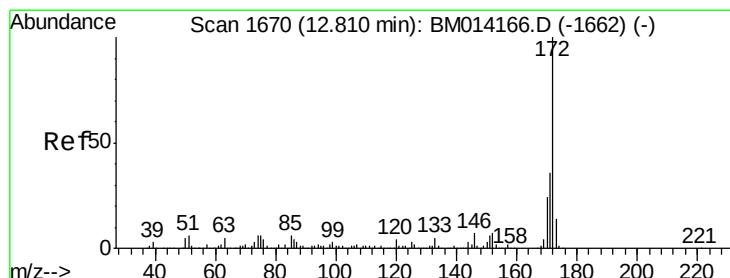
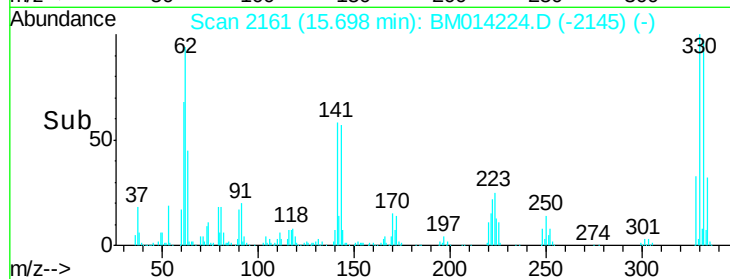
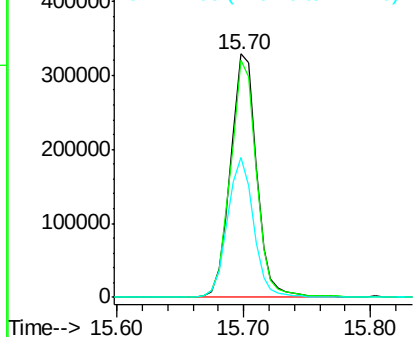
#41
 2,4,6-Tribromophenol
 Concen: 153.352 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

Instrument :
 BNA_M
 ClientSampleId :
 MW-7

Tot Ion:330 Resp: 468578
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 57.5 0.0 0.0#

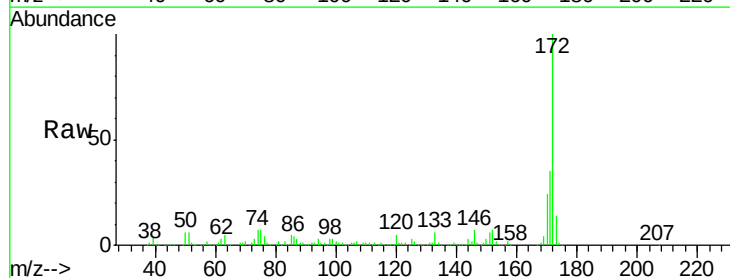


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

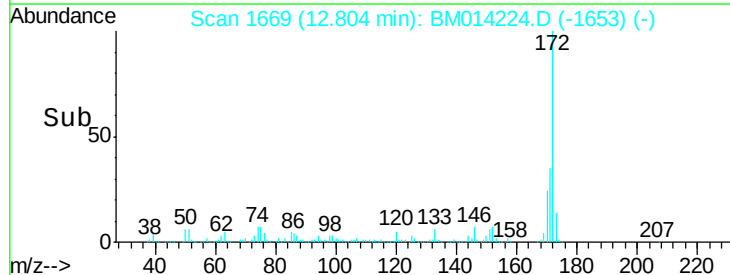
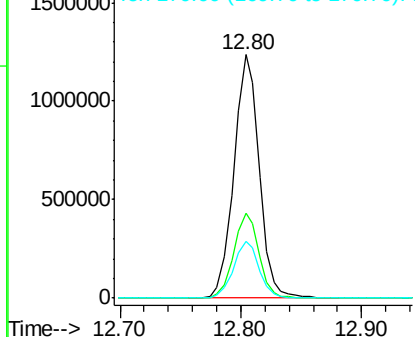


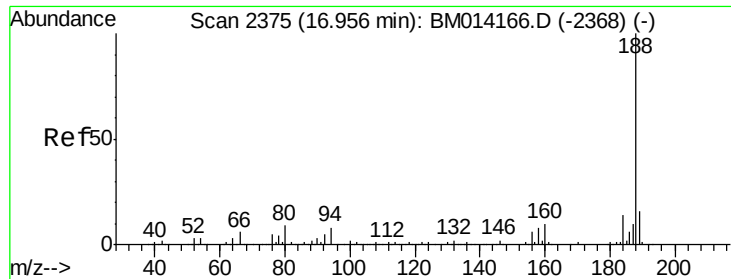
#44
 2-Fluorobiphenyl
 Concen: 104.691 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014224.D
 Acq: 13 Feb 2018 16:57

Tgt Ion:172 Resp: 1805957
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.5 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

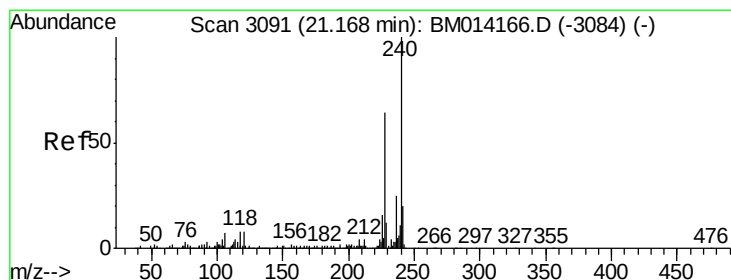
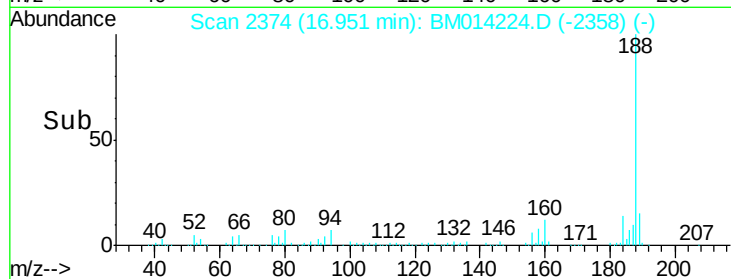
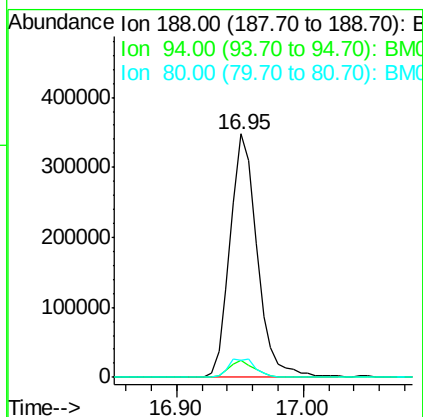
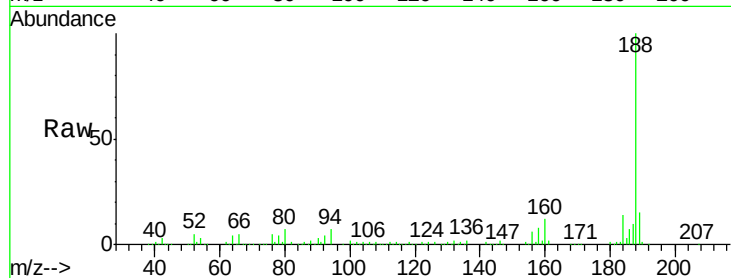




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014224.D
Acq: 13 Feb 2018 16:57

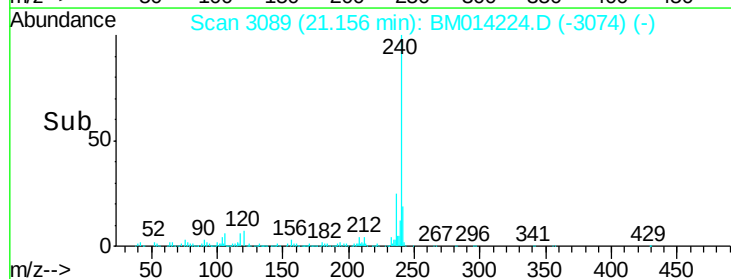
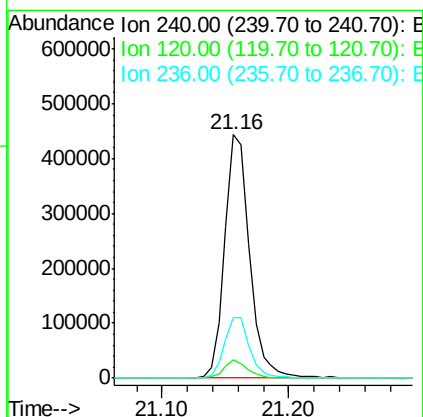
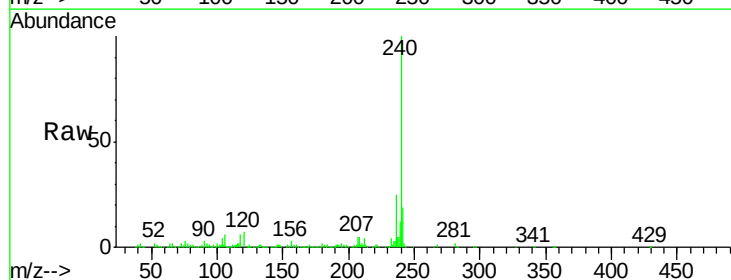
Instrument :
BNA_M
ClientSampleId :
MW-7

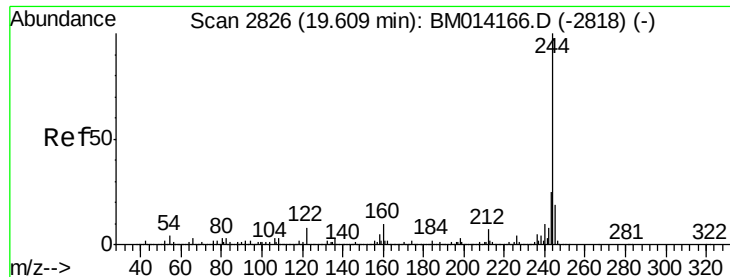
Tot Ion:188 Resp: 515838
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 7.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM014224.D
Acq: 13 Feb 2018 16:57

Tgt Ion:240 Resp: 604415
Ion Ratio Lower Upper
240 100
120 7.3 8.2 12.2#
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 113.747 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014224.D

Acq: 13 Feb 2018 16:57

Instrument :

BNA_M

ClientSampleId :

MW-7

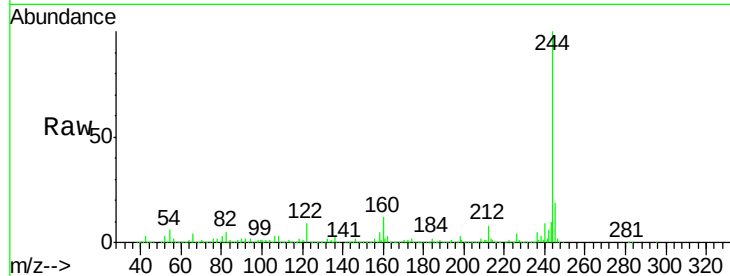
Tot Ion:244 Resp: 3518557

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

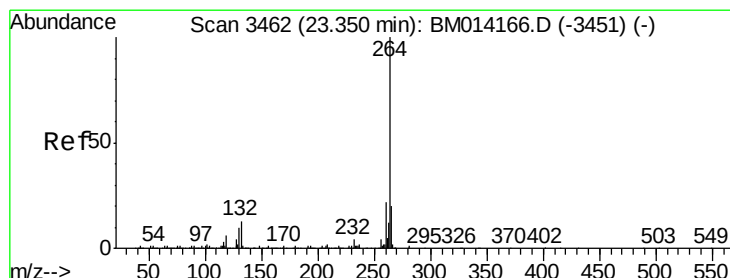
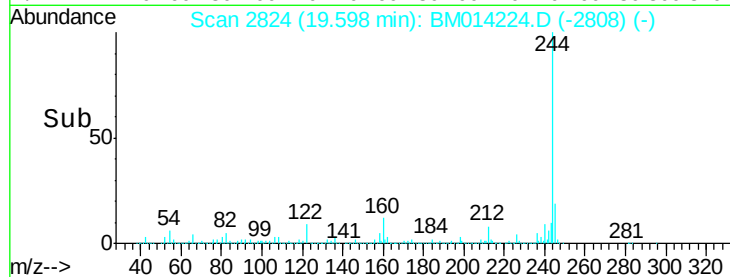
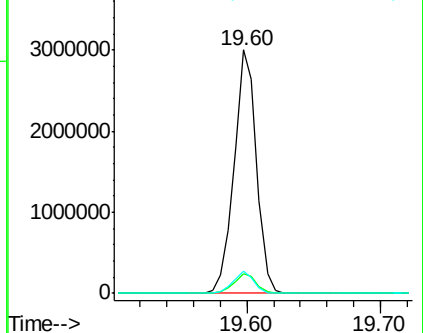
122 9.1 6.2 9.4



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: BM014224.D

Acq: 13 Feb 2018 16:57

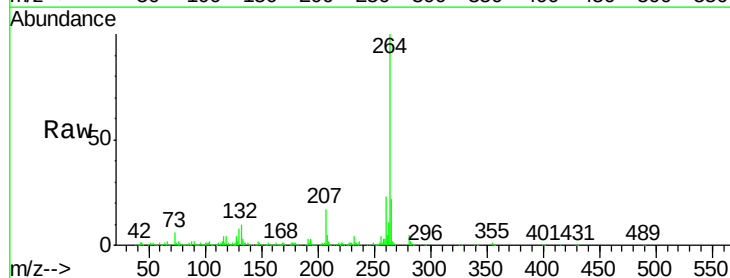
Tgt Ion:264 Resp: 559007

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.3 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

