

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014222.D
 Acq On : 13 Feb 2018 15:45
 Operator : SJ/JU
 Sample : J1518-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:16:36 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

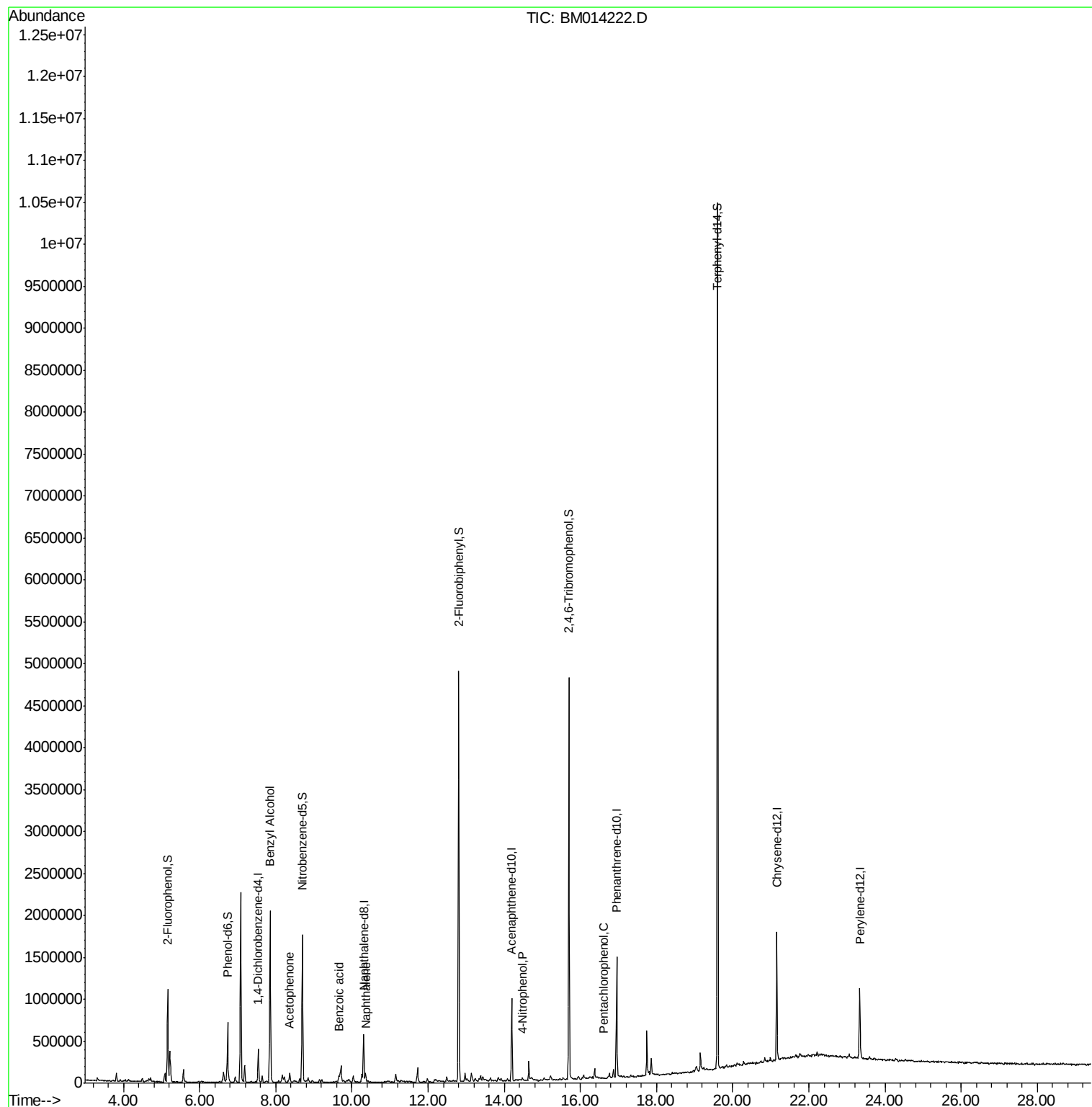
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	76783	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	363427	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	279122	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	721225	20.00	ng	0.00
75) Chrysene-d12	21.16	240	688856	20.00	ng	-0.01
86) Perylene-d12	23.33	264	527760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	367399	83.40	ng	0.00
7) Phenol-d6	6.73	99	306081	49.06	ng	0.00
23) Nitrobenzene-d5	8.70	82	845779	103.95	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	614756	155.22	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2102282	94.02	ng	0.00
78) Terphenyl-d14	19.60	244	4311628	122.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	20369	3.52	ng	# 42
22) Acetophenone	8.36	105	48269	4.62	ng	# 79
31) Naphthalene	10.36	128	60679	3.05	ng	# 93
32) Benzoic acid	9.65	122	25463	11.54	ng	# 88
55) 4-Nitrophenol	14.48	139	279	5.85	ng	# 24
69) Pentachlorophenol	16.62	266	106	5.95	ng	# 19

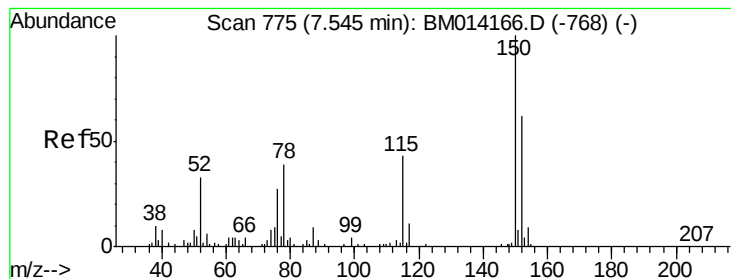
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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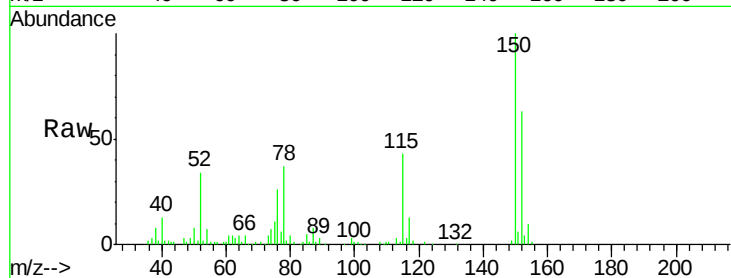


#1

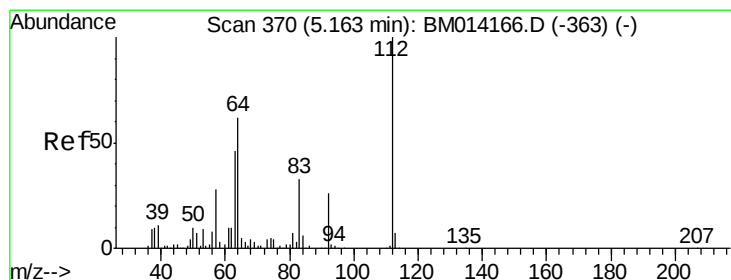
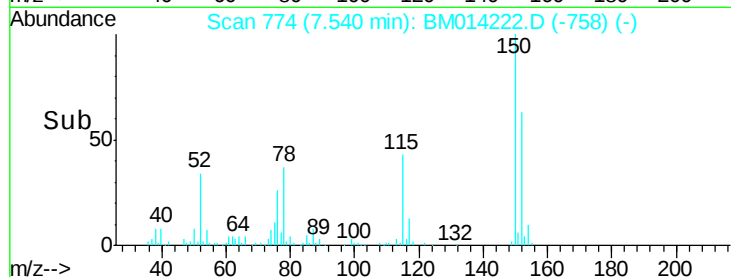
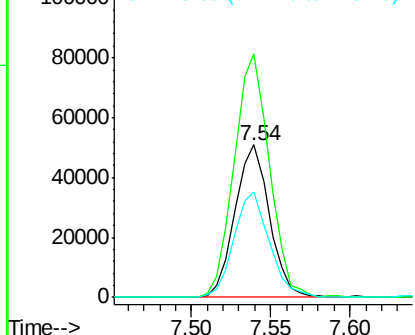
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 76783
Ion Ratio Lower Upper
152 100
150 159.6 119.5 179.3
115 69.2 43.0 64.4#



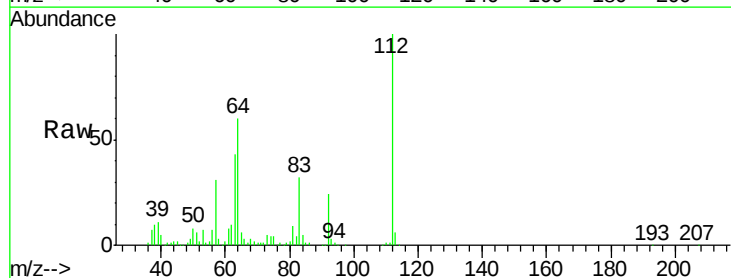
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



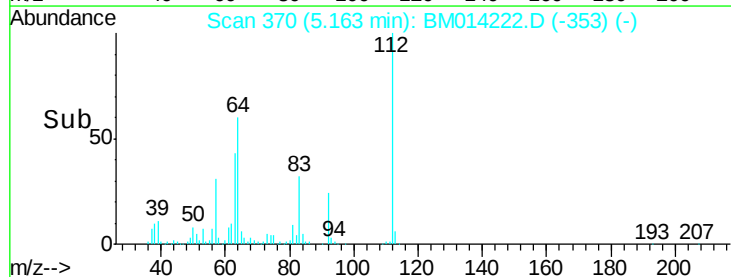
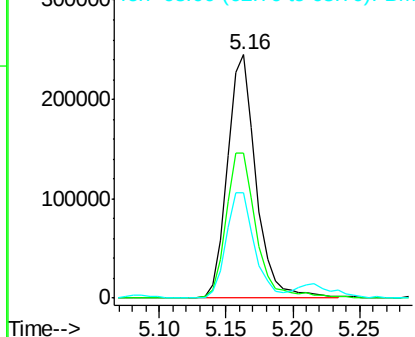
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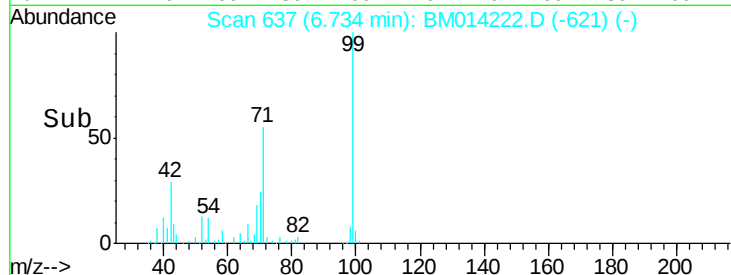
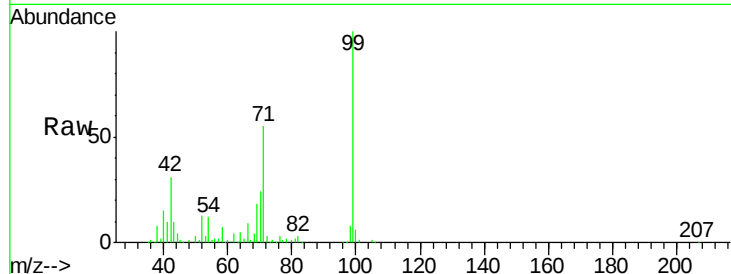
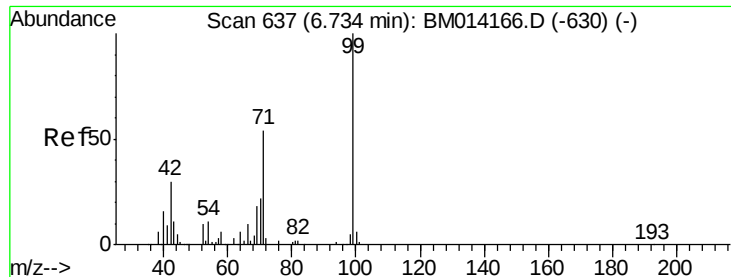
2-Fluorophenol
Concen: 83.40 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Tgt Ion:112 Resp: 367399
Ion Ratio Lower Upper
112 100
64 59.5 38.6 57.8#
63 43.3 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: 49.06 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Instrument :

BNA_M

ClientSampleId :

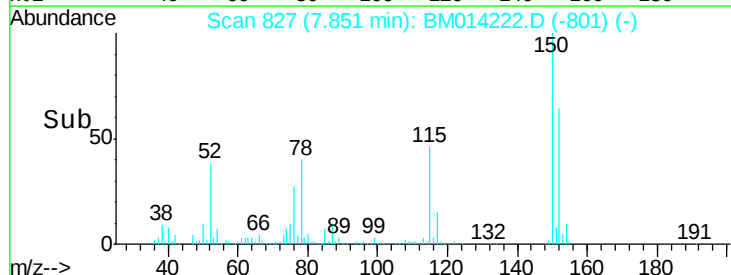
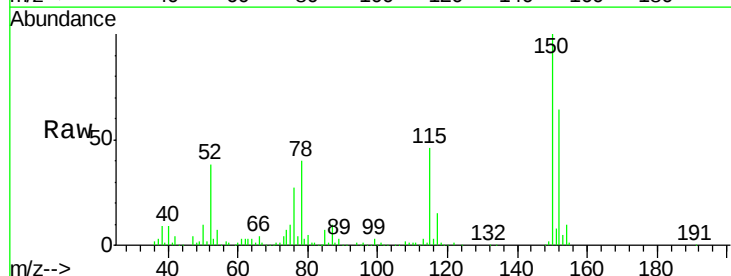
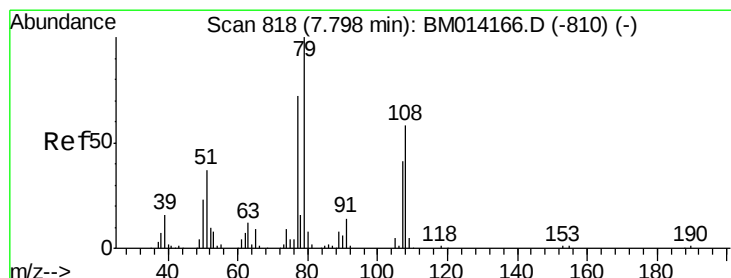
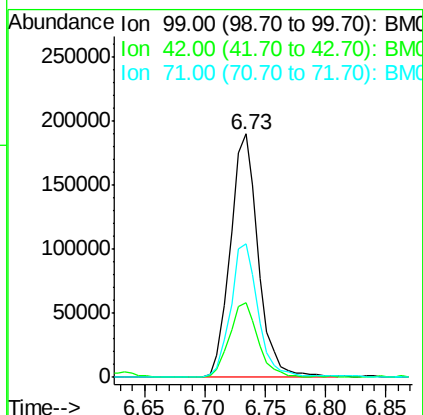
Tot Ion: 99 Resp: 306081

Ion Ratio Lower Upper

99 100

42 30.8 11.0 16.4#

71 55.0 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.52 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.05 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

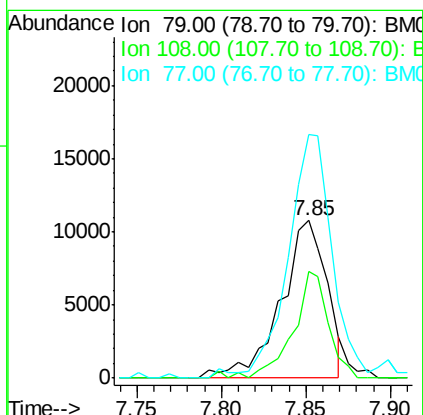
Tgt Ion: 79 Resp: 20369

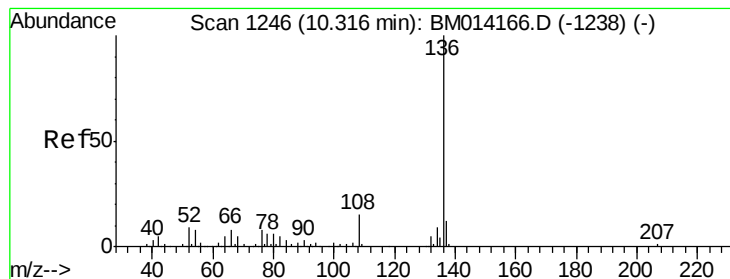
Ion Ratio Lower Upper

79 100

108 67.5 65.0 97.4

77 154.6 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 363427

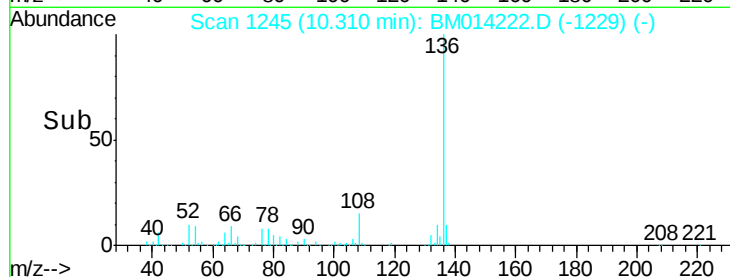
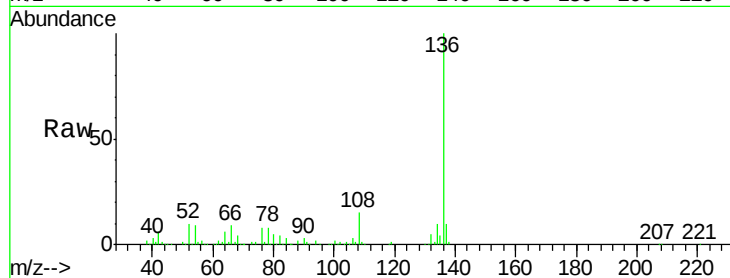
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.4 4.6 6.8#

68 4.1 3.7 5.5

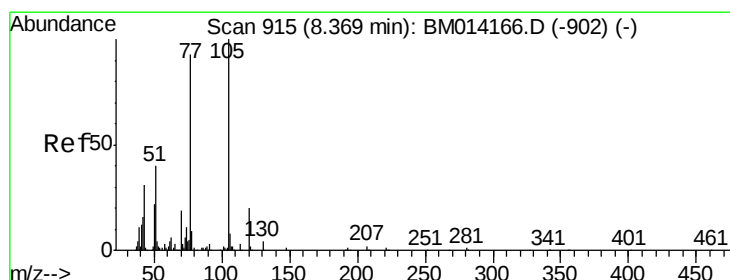
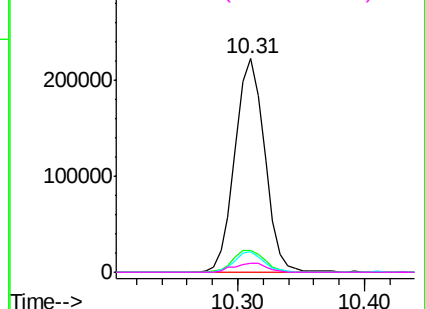


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 4.62 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Tgt Ion:105 Resp: 48269

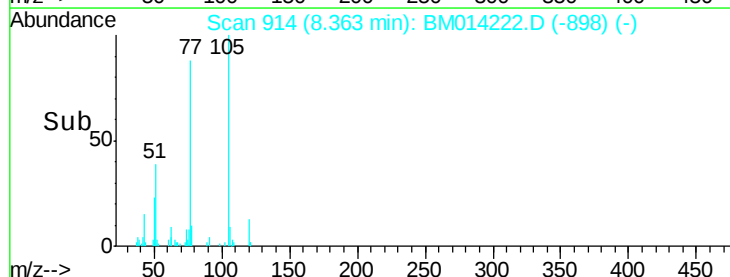
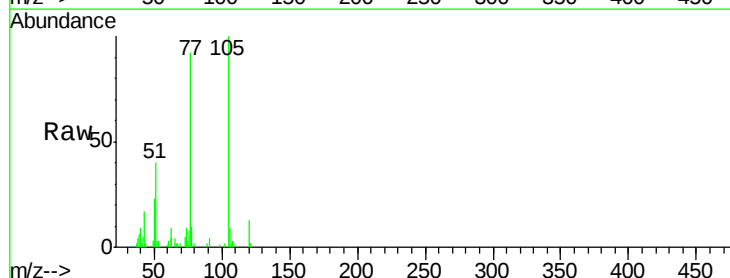
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 40.4 21.6 32.4#

120 13.4 16.1 24.1#

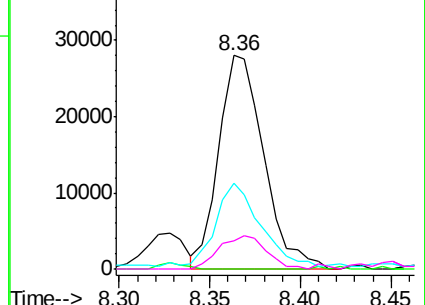


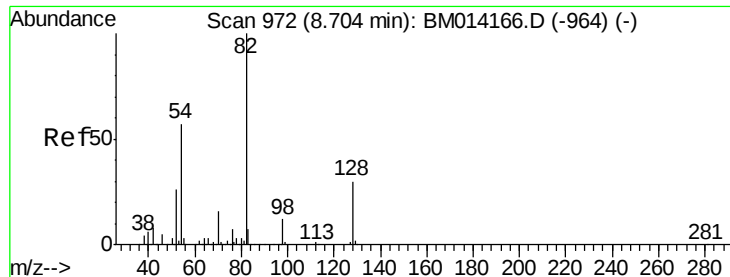
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

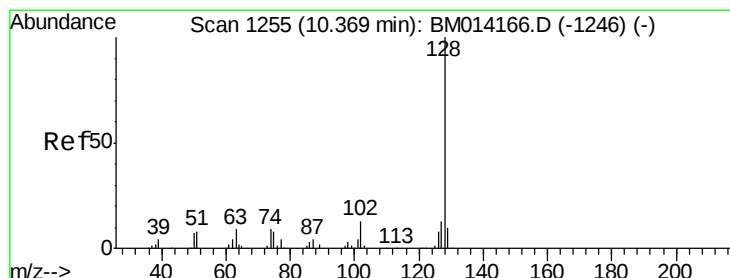
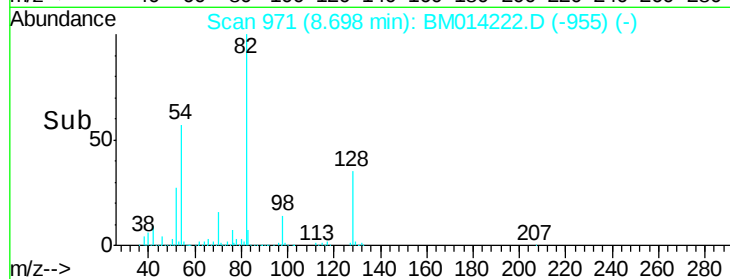
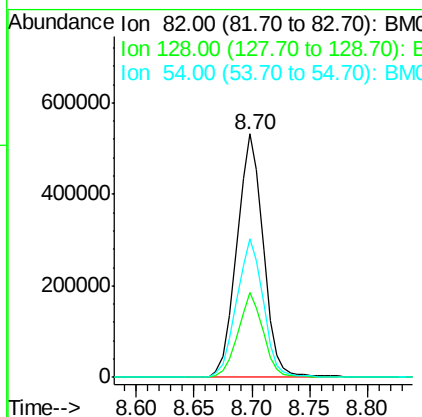
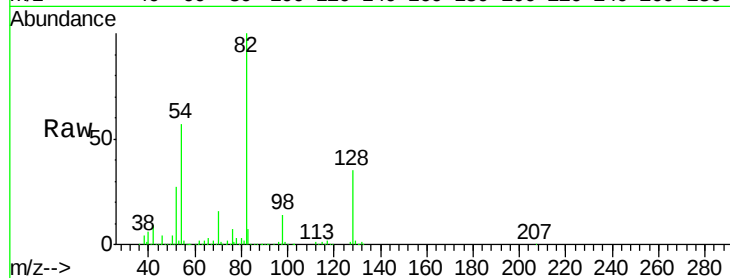




#23
 Nitrobenzene-d5
 Concen: 103.95 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

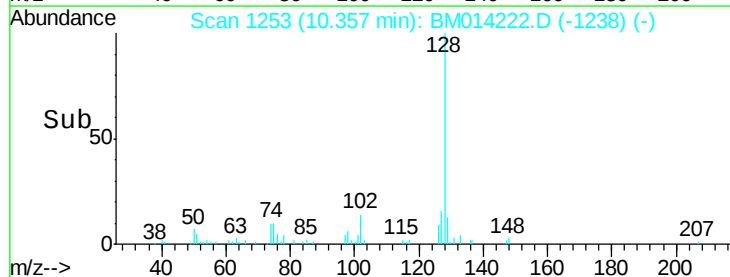
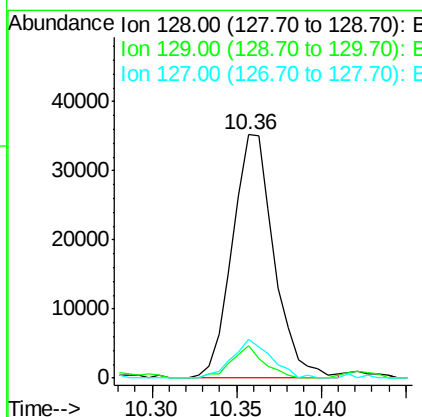
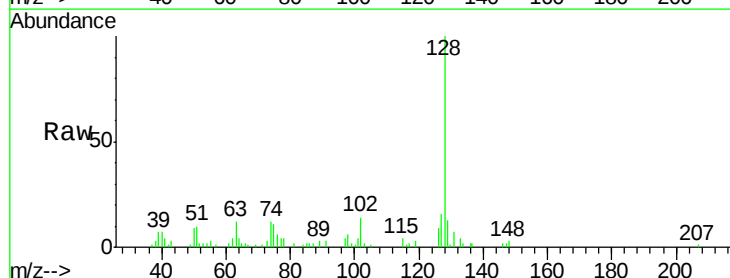
Instrument :
 BNA_M
 ClientSampleId :

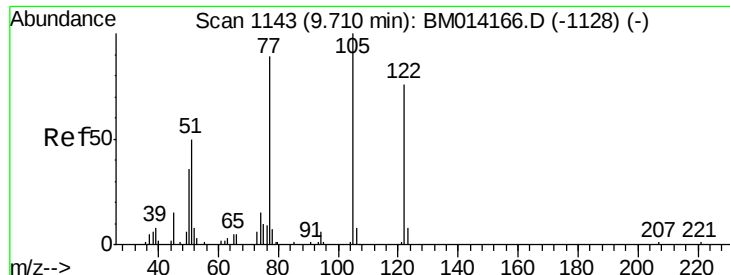
Tot Ion	82	Resp	845779
Ion Ratio	Lower	Upper	
82	100		
128	34.7	32.8	49.2
54	56.8	40.6	60.8



#31
 Naphthalene
 Concen: 3.05 ng
 RT: 10.36 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion	128	Resp	60679
Ion Ratio	Lower	Upper	
128	100		
129	13.5	8.9	13.3#
127	16.0	10.4	15.6#

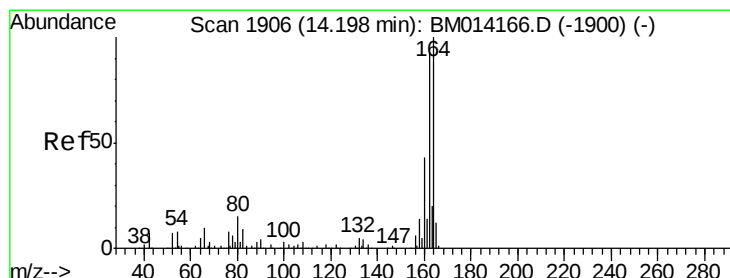
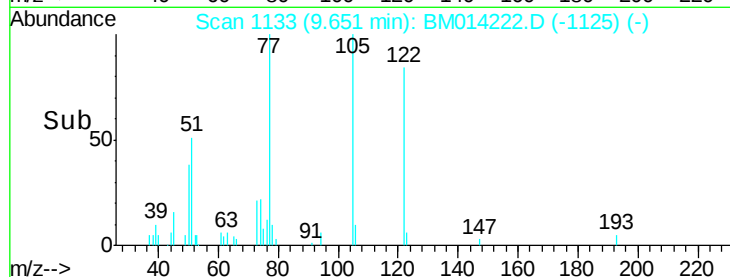
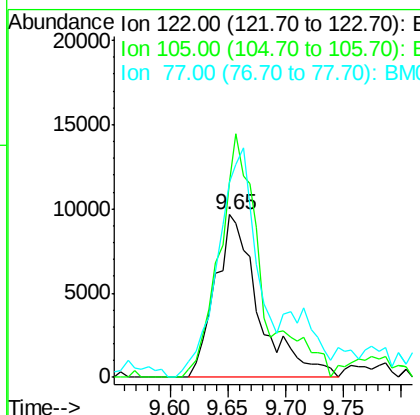
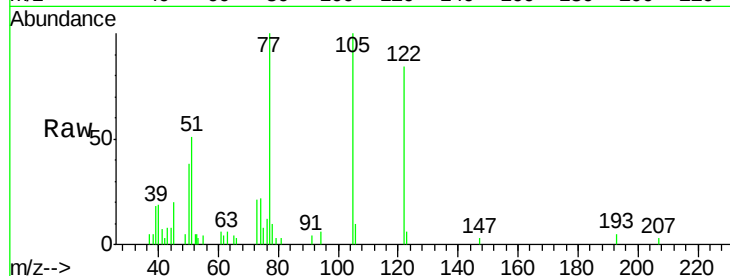




#32
Benzoic acid
Concen: 11.54 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

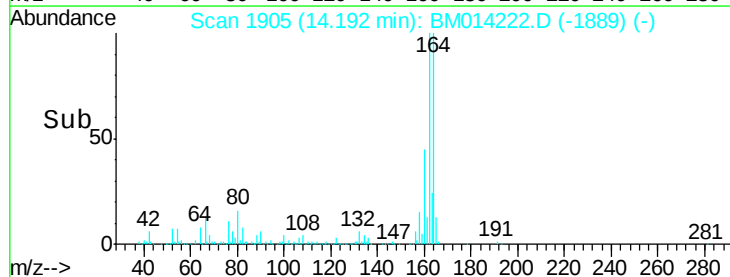
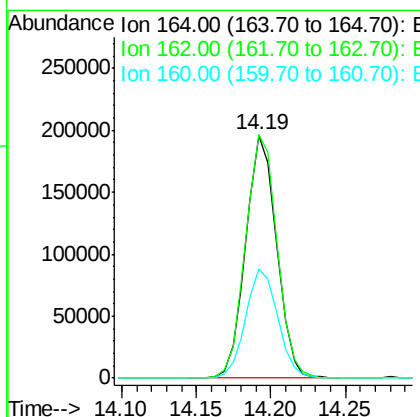
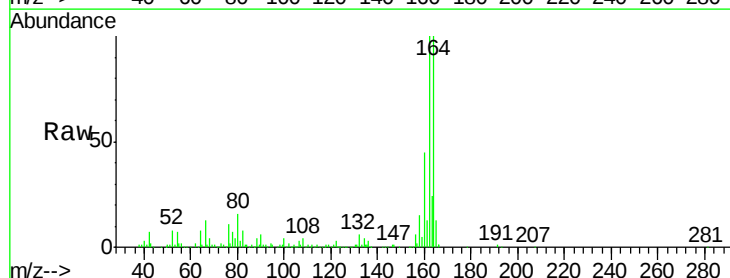
Instrument :
BNA_M
ClientSampleId :

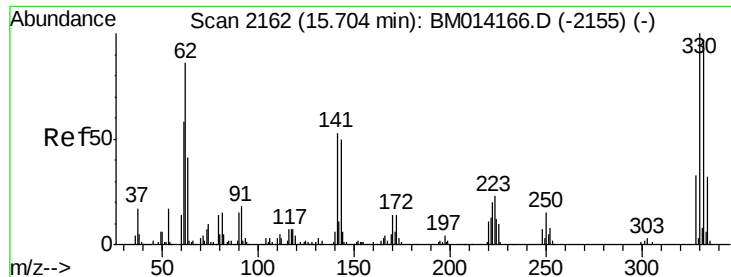
Tot Ion	Ratio	Lower	Upper
122	100		
105	119.4	99.9	139.9
77	119.6	73.7	113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	45.1	35.8	53.6

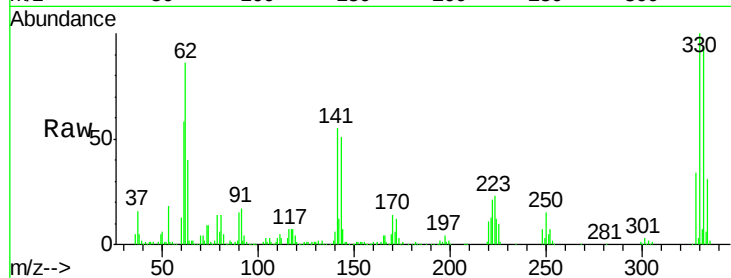




#41
 2,4,6-Tribromophenol
 Concen: 155.22 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	54.2	0.0	0.0#

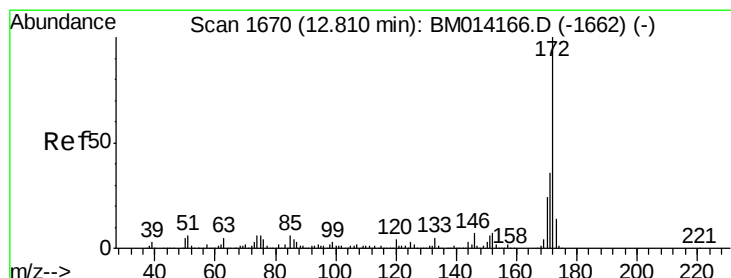
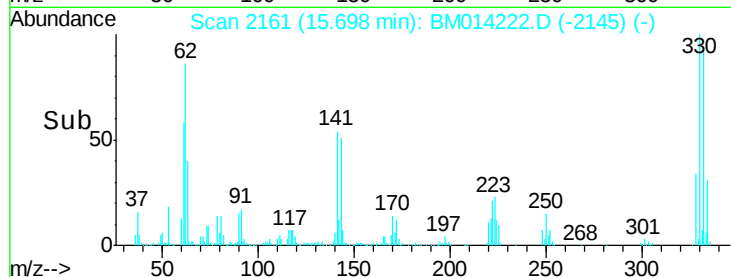
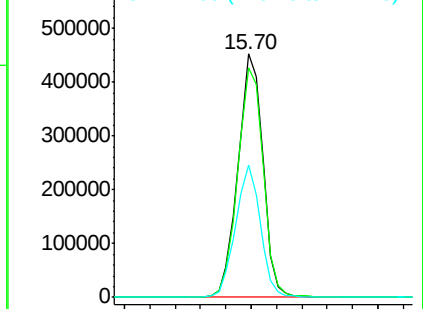


Abundance

Ion 329.80 (329.50 to 330.50): E

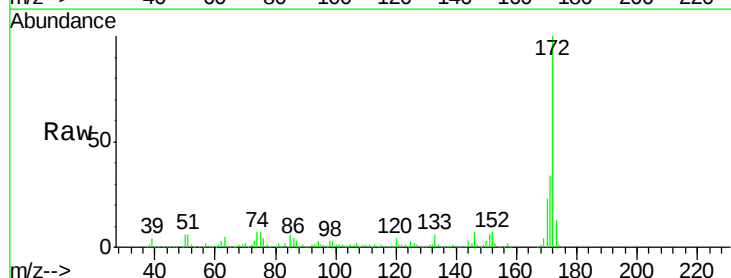
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.02 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	22.6	18.8	28.2

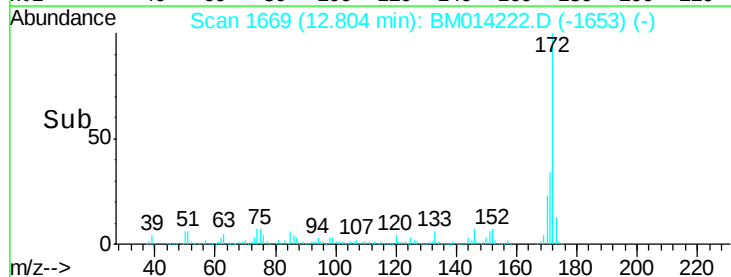
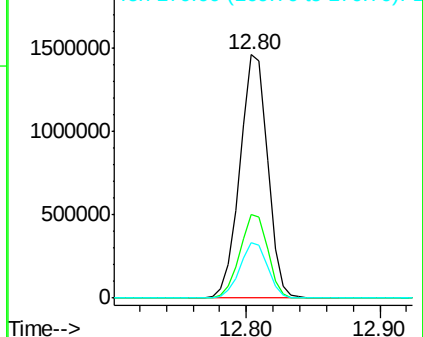


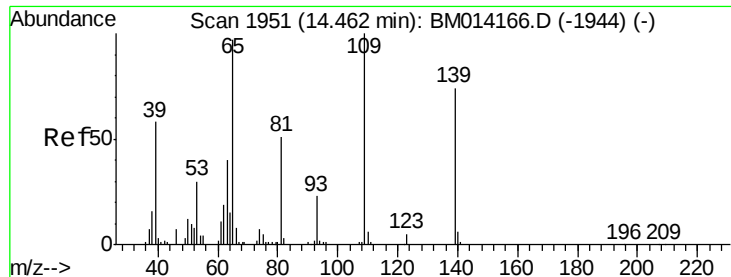
Abundance

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

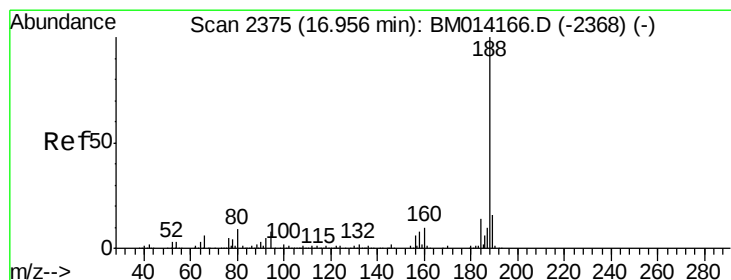
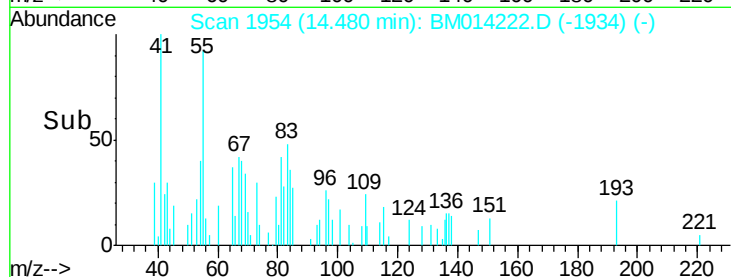
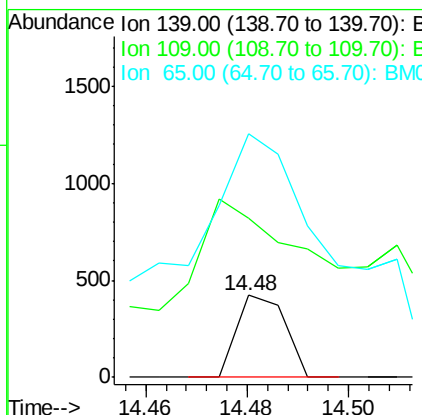
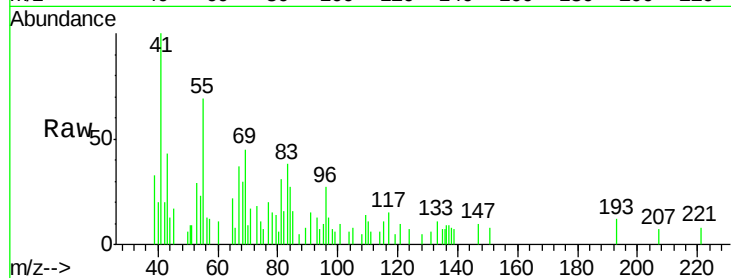




#55
4-Nitrophenol
Concen: 5.85 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.02 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

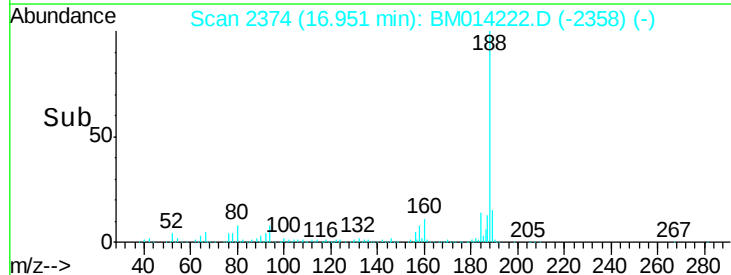
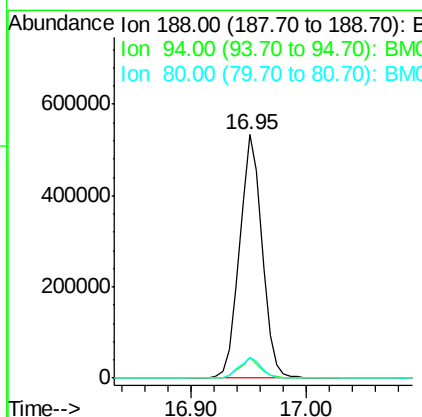
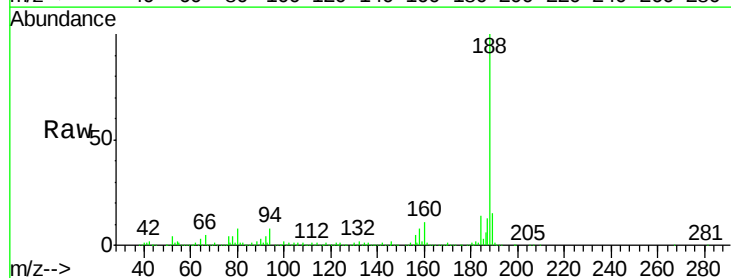
Instrument :
BNA_M
ClientSampleId :

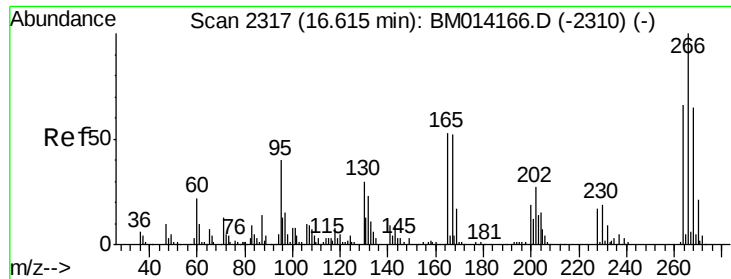
Tot Ion:139 Resp: 279
Ion Ratio Lower Upper
139 100
109 194.3 130.0 170.0#
65 297.4 130.0 170.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Tgt Ion:188 Resp: 721225
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 8.4 9.3 13.9#

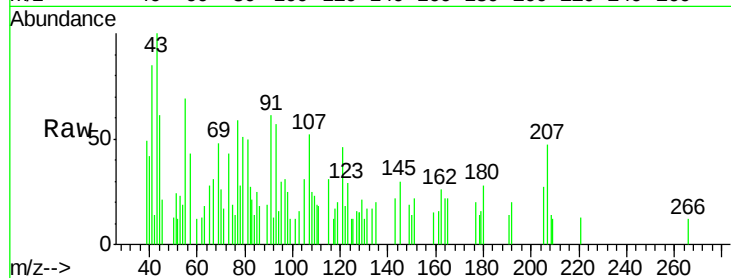




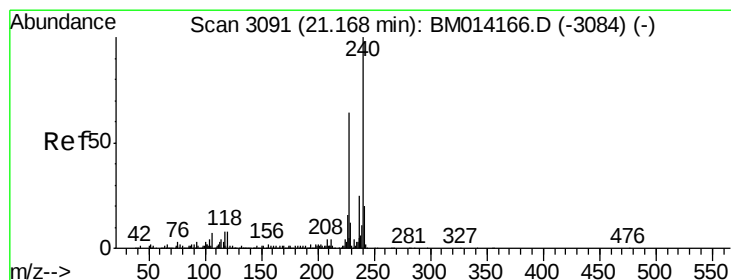
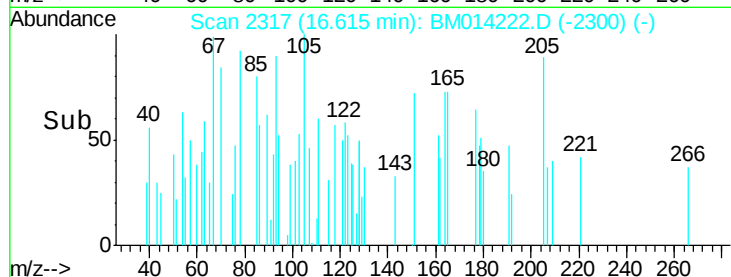
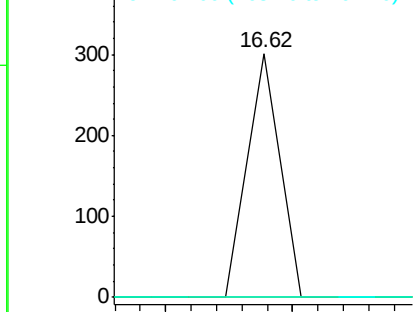
#69
 Pentachlorophenol
 Concen: 5.95 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 106
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 0.0 49.0 73.4#

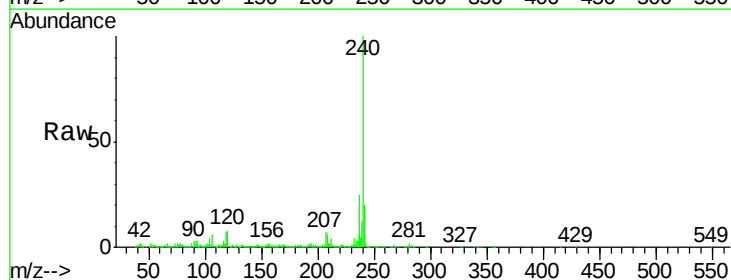


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

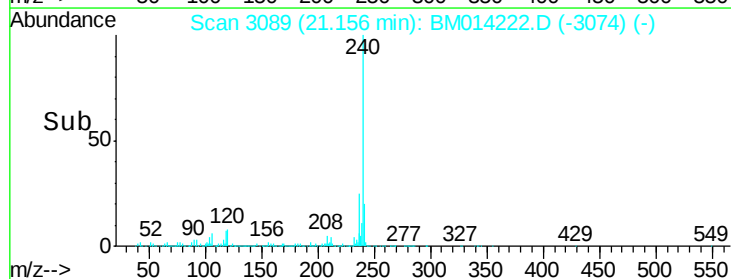
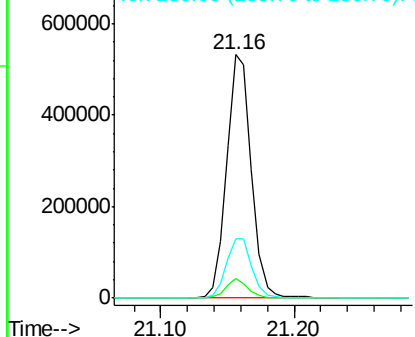


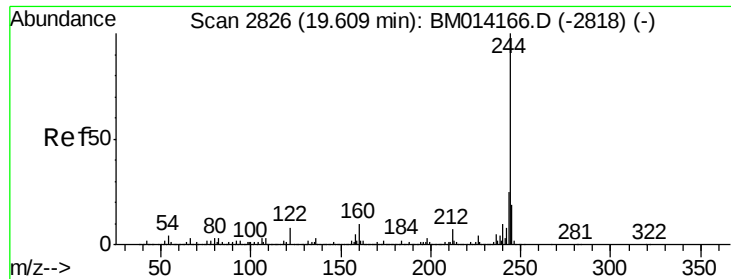
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion:240 Resp: 688856
 Ion Ratio Lower Upper
 240 100
 120 7.9 8.2 12.2#
 236 24.5 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

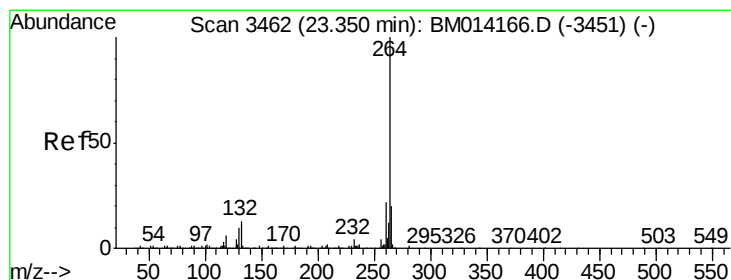
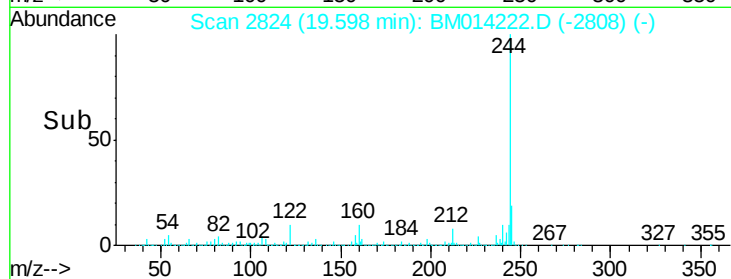
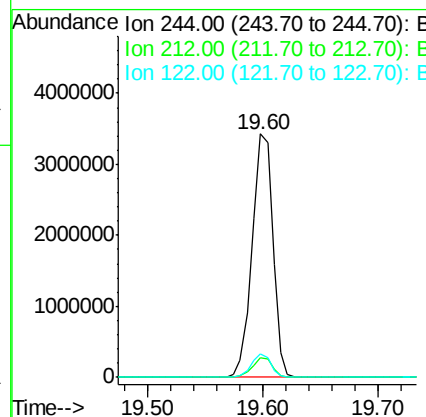
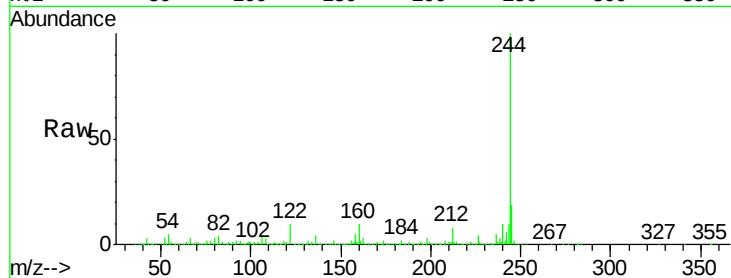




#78
 Terphenyl-d14
 Concen: 122.30 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4311628
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 9.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion:264 Resp: 527760
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 21.4 17.3 25.9

