

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018484.D
 Acq On : 09 Jan 2019 21:54
 Operator : JU/SJ
 Sample : K1071-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)

Quant Time: Jan 10 05:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

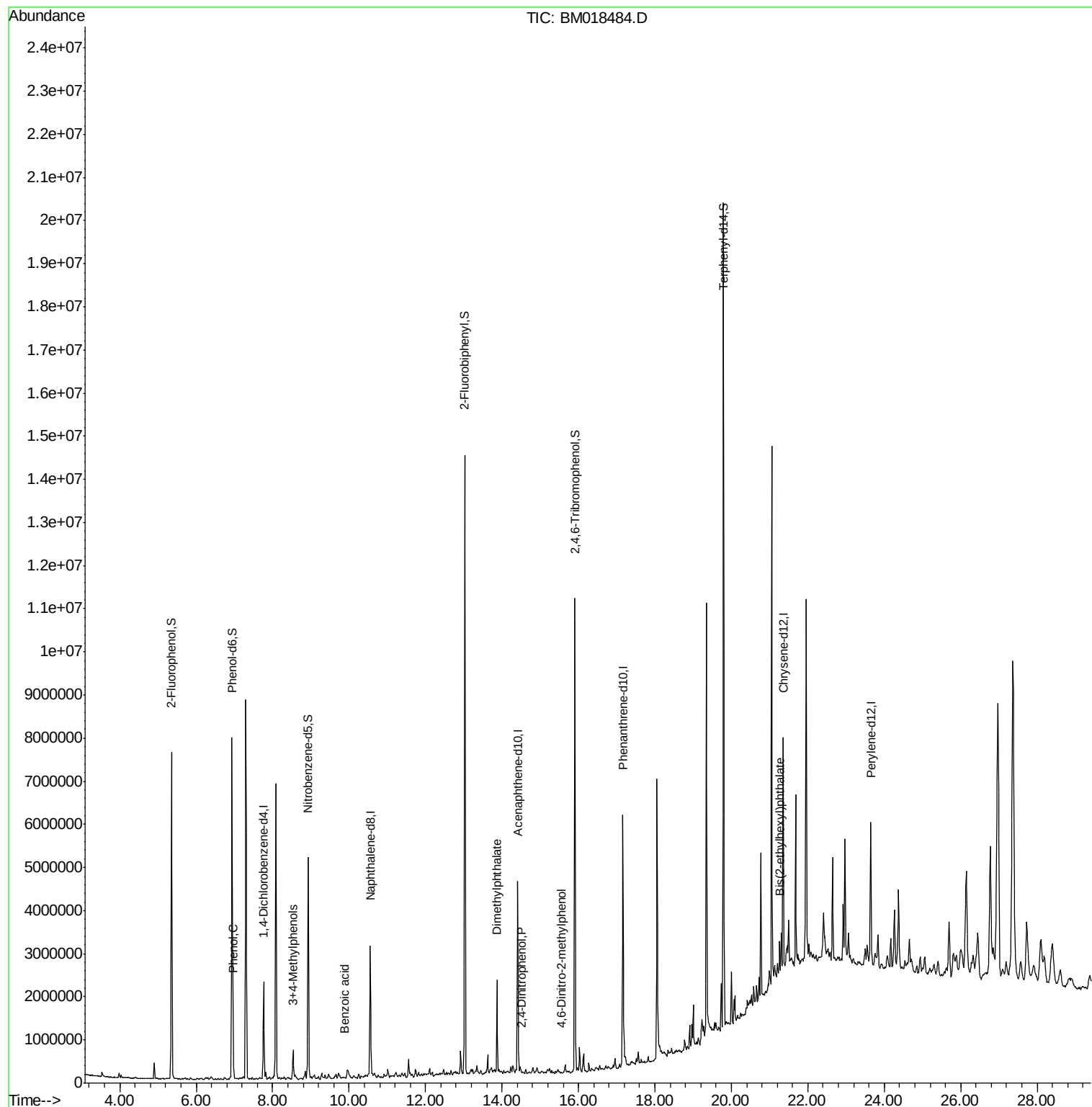
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	591166	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2534294	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1493467	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3339656	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2415696	20.00	ng	0.00
87) Perylene-d12	23.64	264	2332939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3323983	103.82	ng	0.00
7) Phenol-d6	6.94	99	4466239	109.83	ng	0.00
23) Nitrobenzene-d5	8.93	82	2826791	64.66	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2021536	106.31	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7120126	62.21	ng	0.00
79) Terphenyl-d14	19.79	244	8604285	75.08	ng	0.00
Target Compounds						
10) Phenol	6.97	94	252882	6.120	ng	96
20) 3+4-Methylphenols	8.53	107	309333	7.989	ng	90
32) Benzoic acid	9.87	122	1036	6.545	ng	# 12
50) Dimethylphthalate	13.87	163	1046448	8.532	ng	100
54) 2,4-Dinitrophenol	14.52	184	225	7.216	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.56	198	453	5.412	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.26	149	236003	2.675	ng	# 97

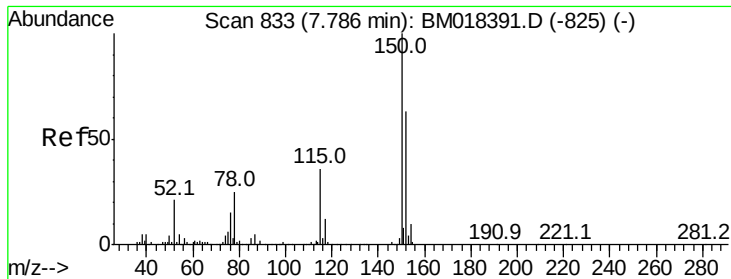
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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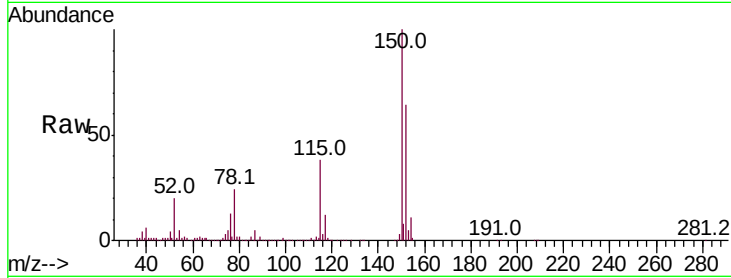


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	59.4	45.5	68.3

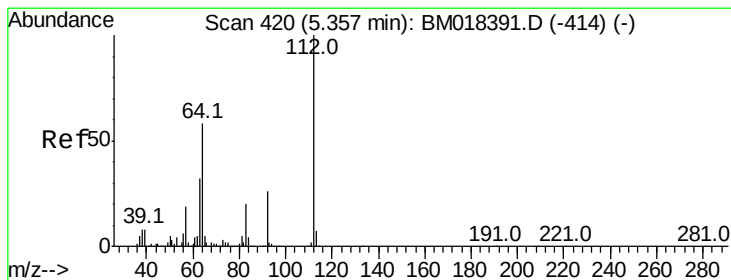
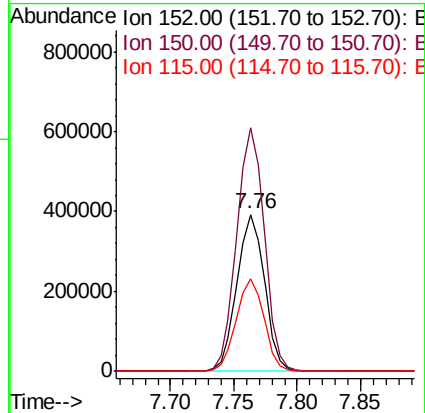
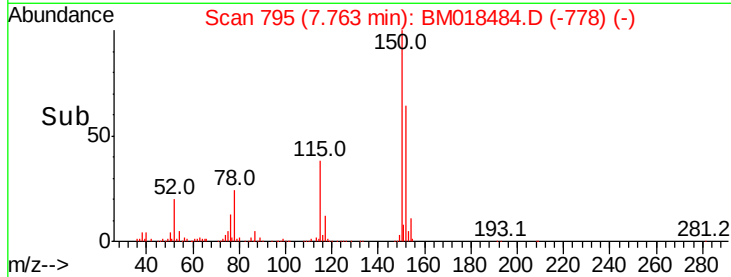


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

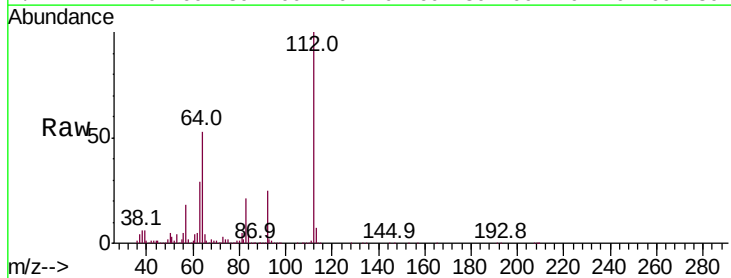
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.824 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.5	69.7
63	29.1	25.2	37.8

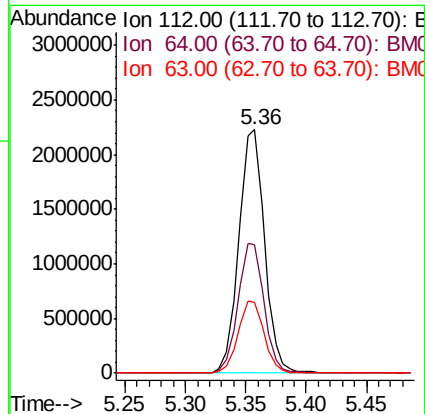
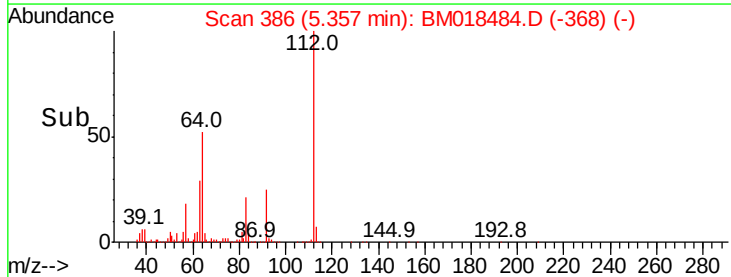


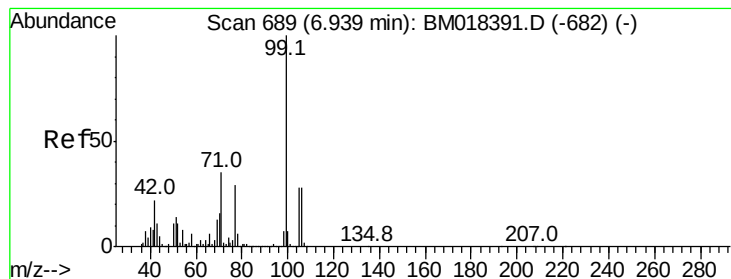
Abundance

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: 109.834 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

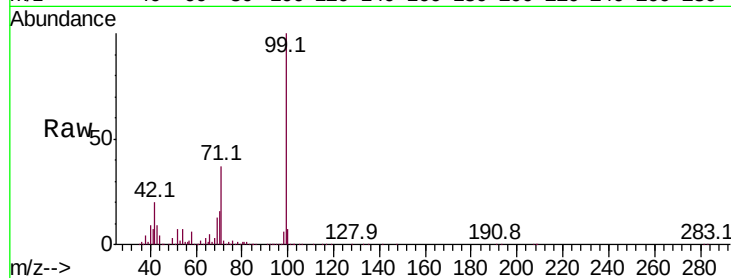
Tot Ion: 99 Resp: 4466239

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

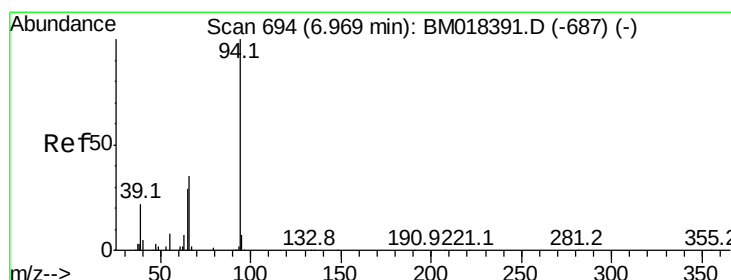
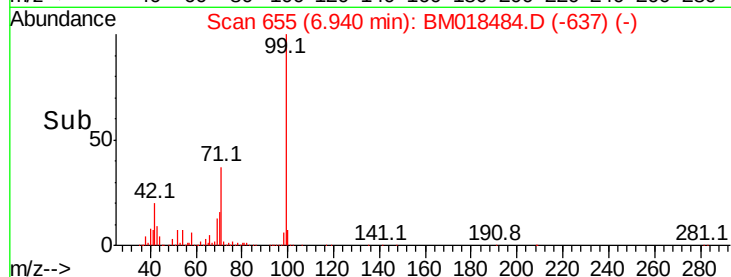
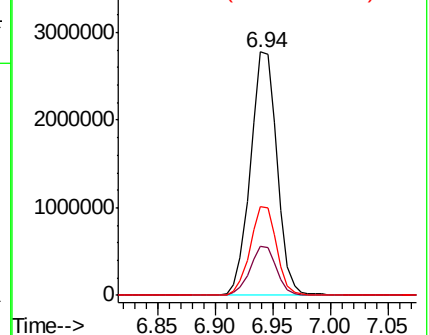
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#10

Phenol

Concen: 6.120 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

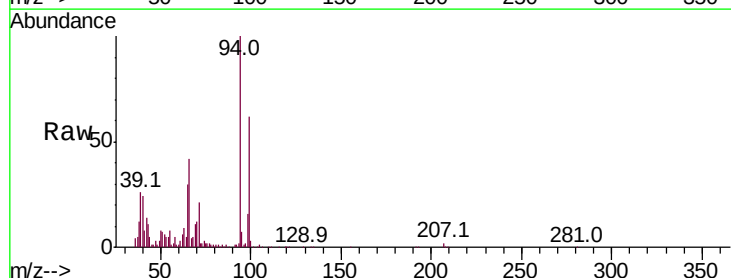
Tgt Ion: 94 Resp: 252882

Ion Ratio Lower Upper

94 100

65 30.2 9.4 49.4

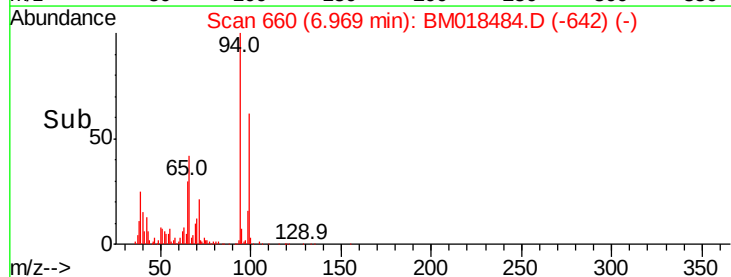
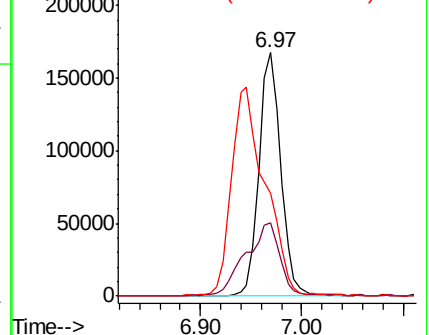
66 42.4 19.1 59.1

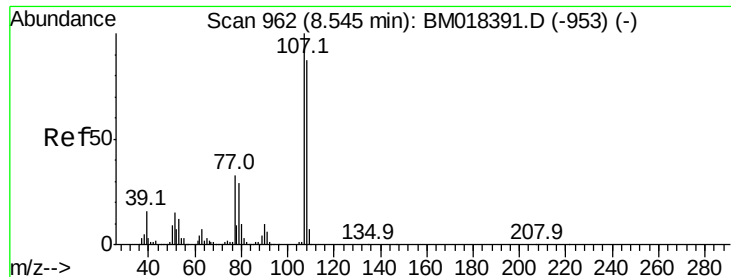


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)





#20

3+4-Methylphenols

Concen: 7.989 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

Tot Ion:107 Resp: 309333

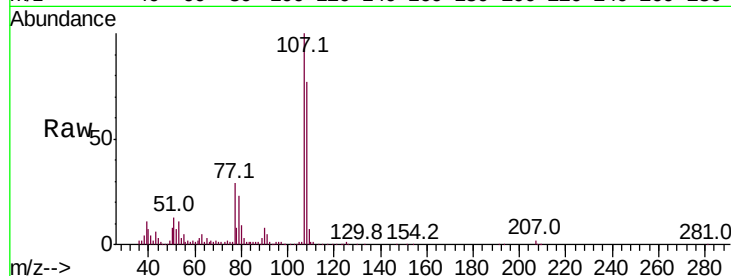
Ion Ratio Lower Upper

107 100

108 77.4 66.8 106.8

77 29.0 13.3 53.3

79 22.5 8.8 48.8

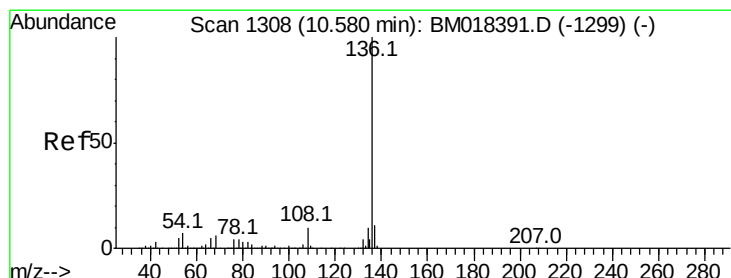
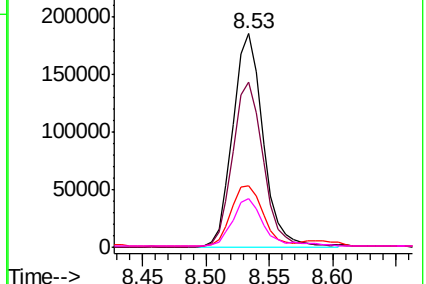
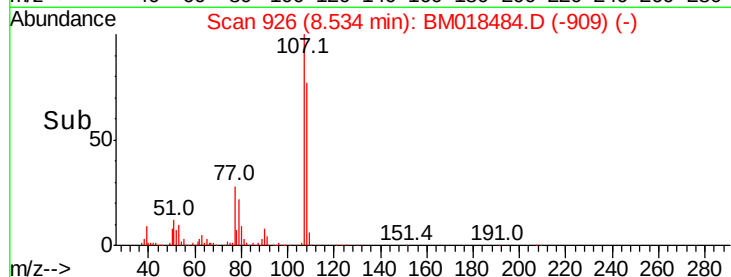


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Tgt Ion:136 Resp: 2534294

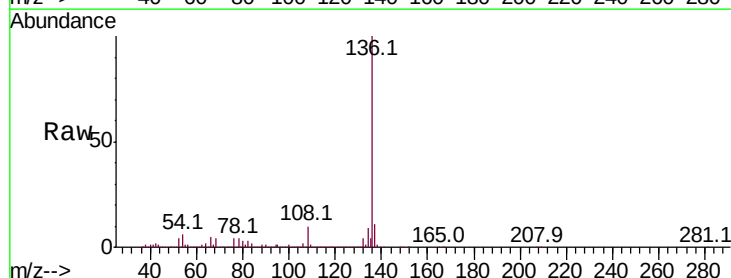
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.1 6.0 9.0

68 4.5 4.5 6.7#

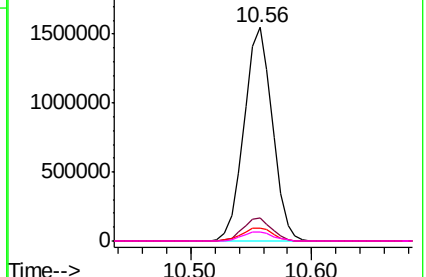
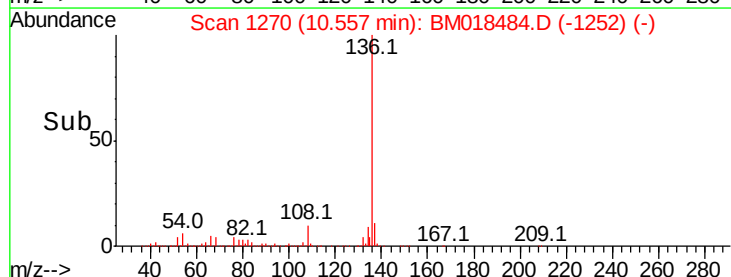


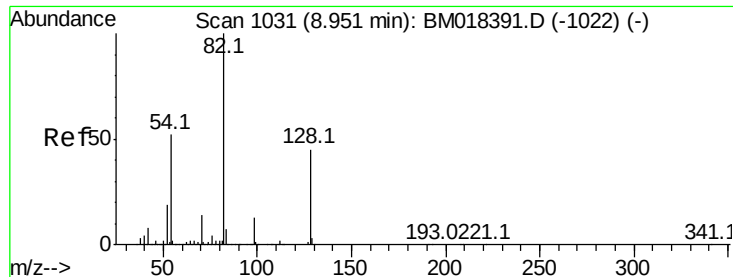
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

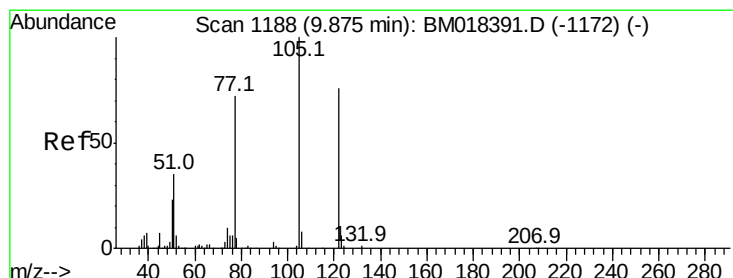
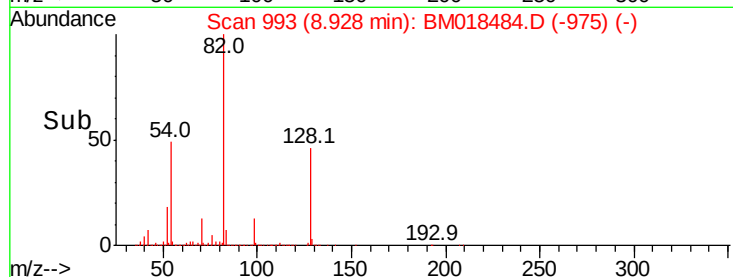
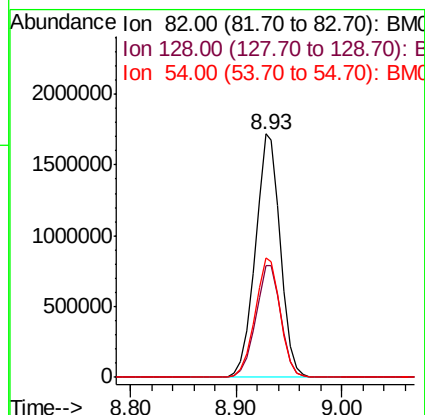
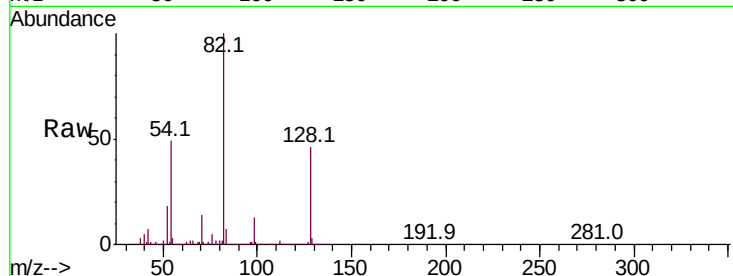




#23
 Nitrobenzene-d5
 Concen: 64.662 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018484.D
 Acq: 09 Jan 2019 21:54

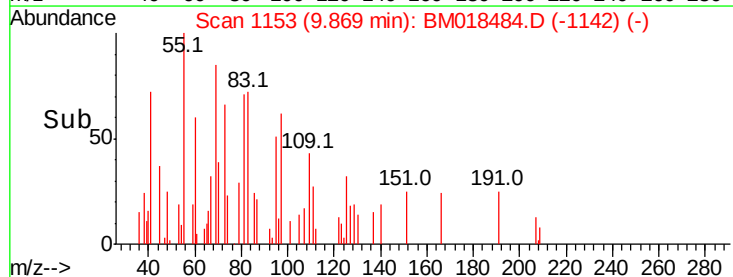
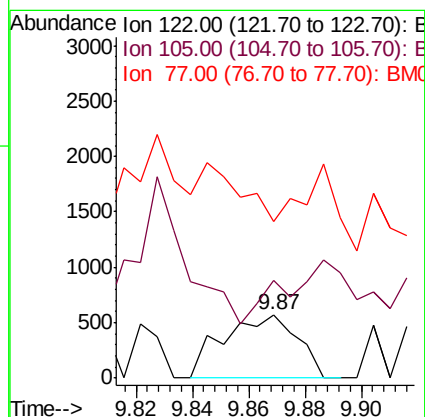
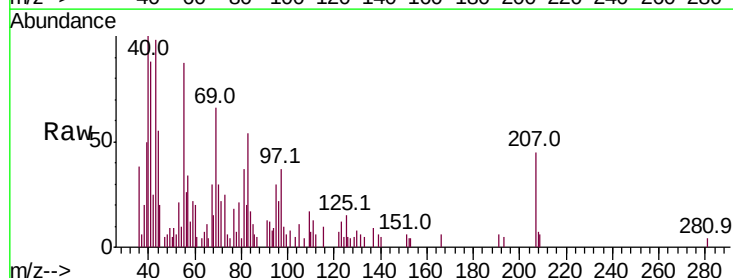
Instrument :
 BNA_M
 ClientSampleId :
 CPSB-15(20-25)

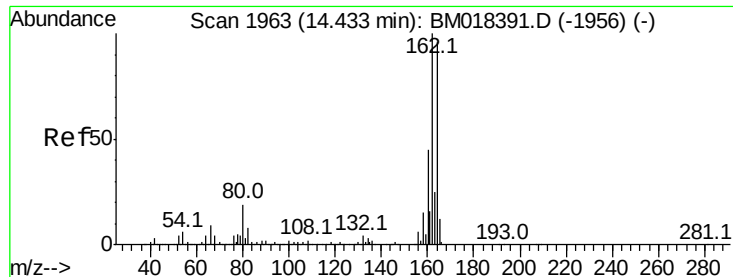
Tot Ion: 82 Resp: 2826791
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 49.0 41.7 62.5



#32
 Benzoic acid
 Concen: 6.545 ng
 RT: 9.87 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BM018484.D
 Acq: 09 Jan 2019 21:54

Tgt Ion: 122 Resp: 1036
 Ion Ratio Lower Upper
 122 100
 105 154.6 100.4 140.4#
 77 246.8 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

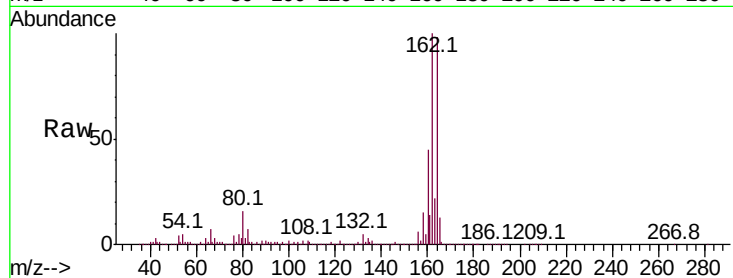
Tot Ion:164 Resp: 1493467

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

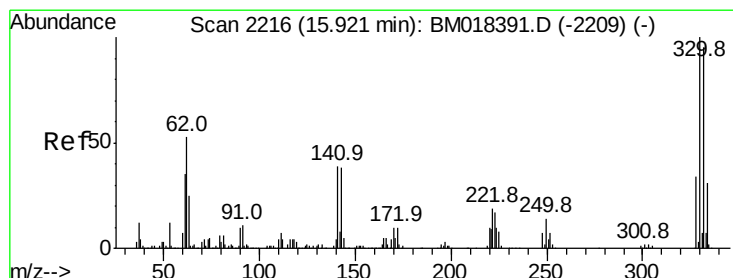
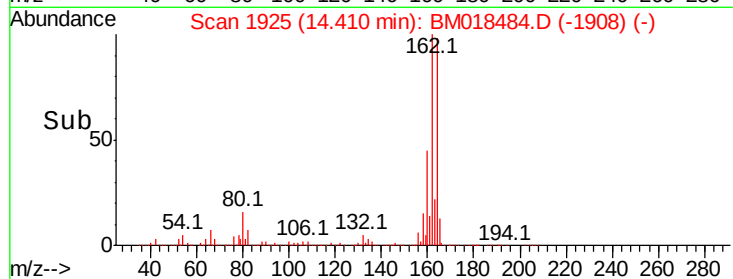
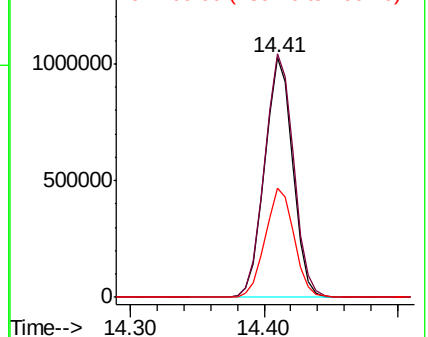
160 45.4 37.1 55.7



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



#42

2,4,6-Tribromophenol

Concen: 106.307 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

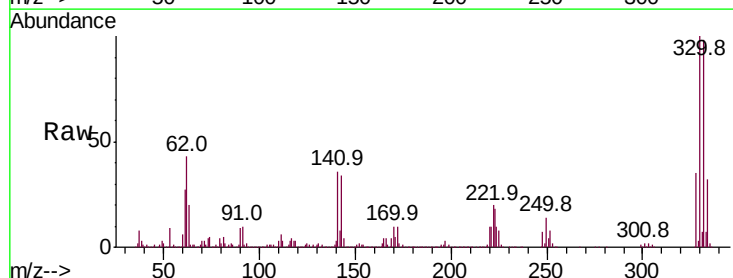
Tgt Ion:330 Resp: 2021536

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

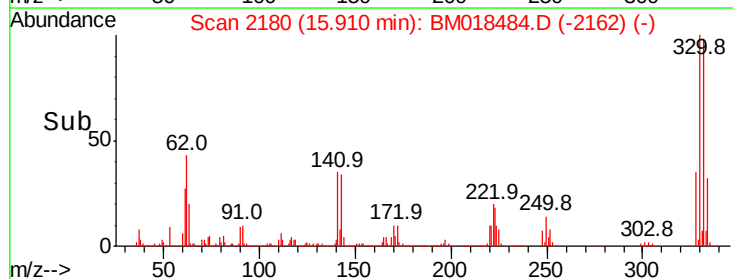
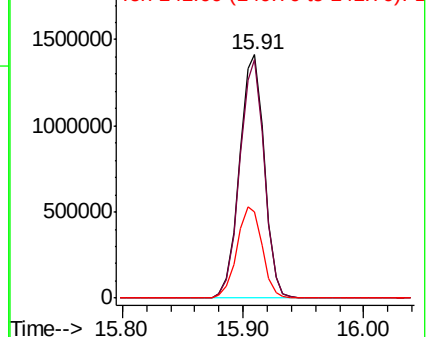
141 38.3 31.7 47.5

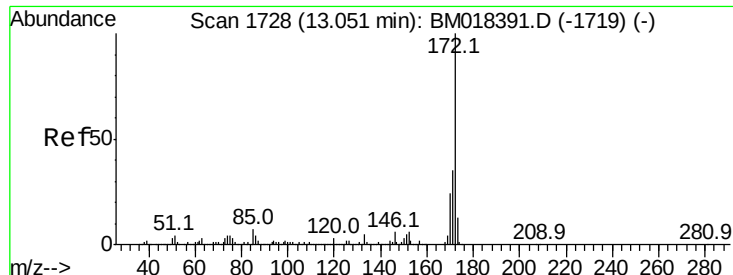


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



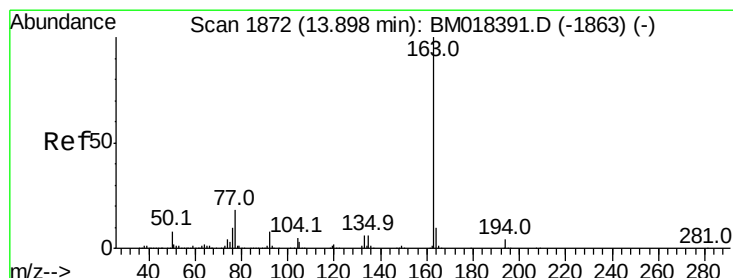
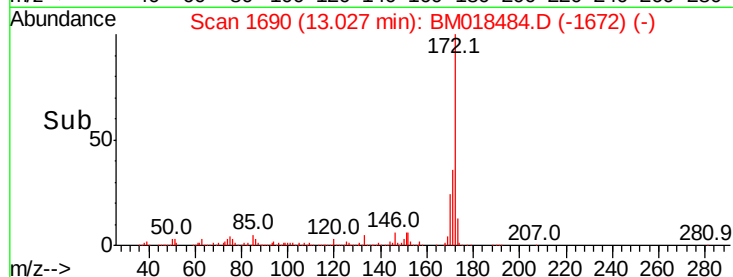
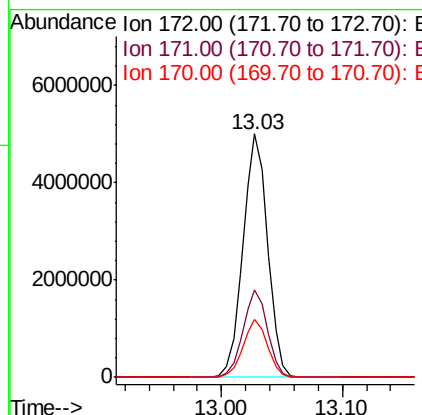
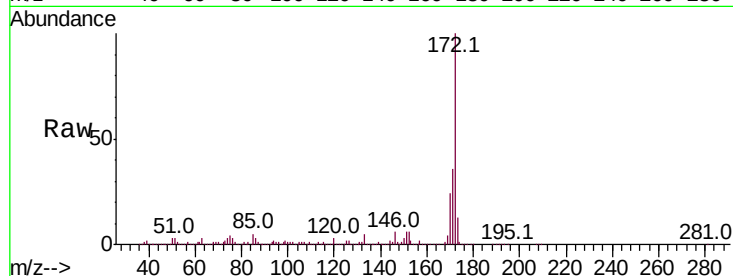


#45
2-Fluorobiphenyl
Concen: 62.210 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)

Tot Ion:172 Resp: 7120126

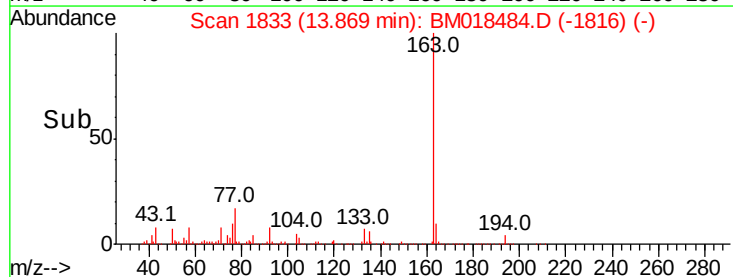
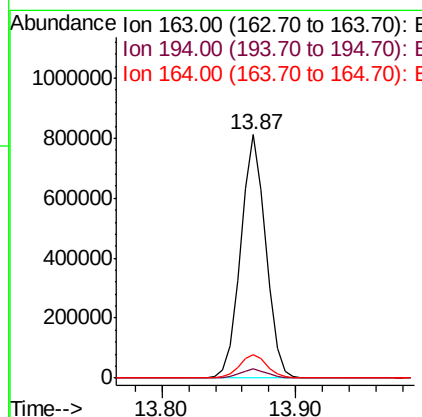
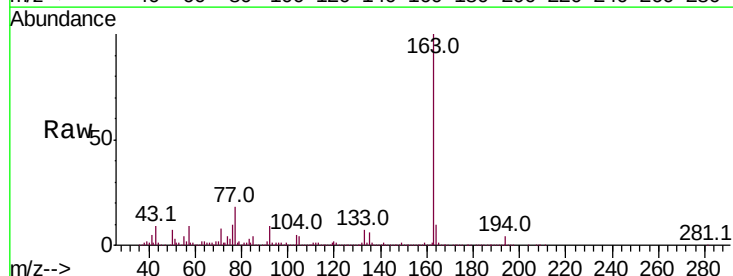
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.6	18.9	28.3

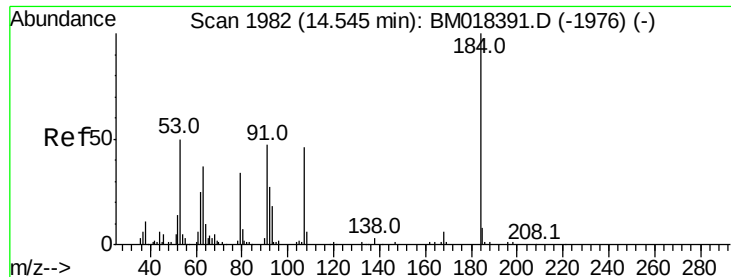


#50
Dimethylphthalate
Concen: 8.532 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Tgt Ion:163 Resp: 1046448

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	7.8	11.8





#54

2,4-Dinitrophenol

Concen: 7.216 ng

RT: 14.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

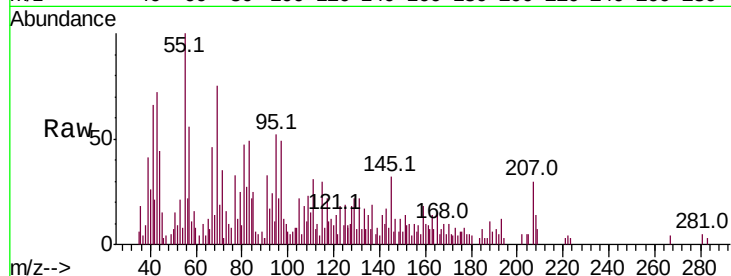
Tot Ion:184 Resp: 225

Ion Ratio Lower Upper

184 100

63 290.2 55.9 83.9#

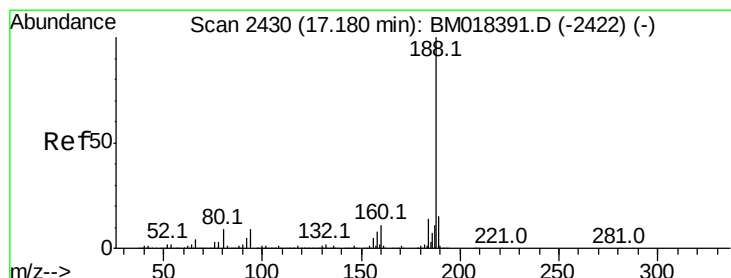
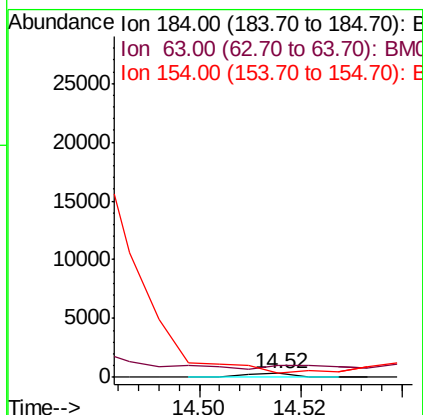
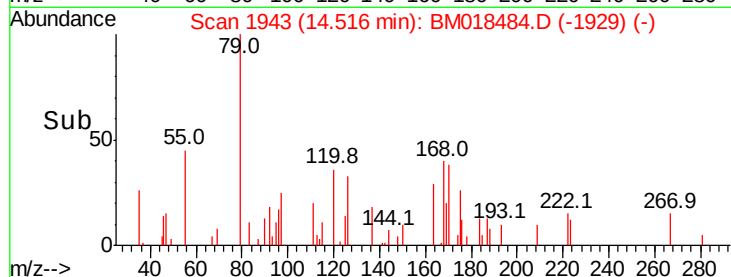
154 110.4 54.2 81.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

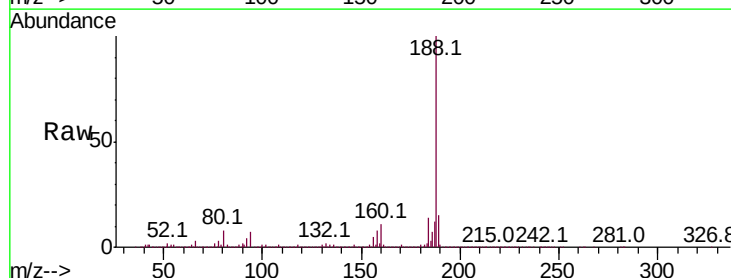
Tgt Ion:188 Resp: 3339656

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

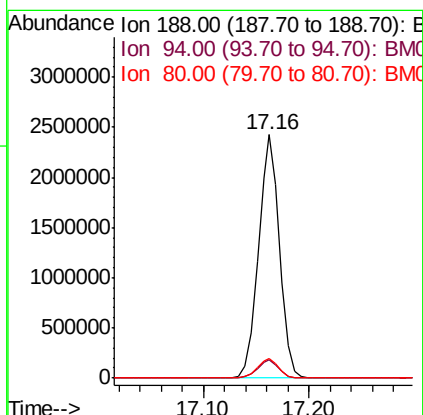
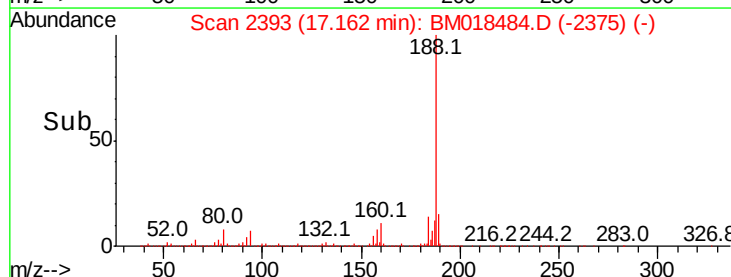
80 8.1 7.6 11.4

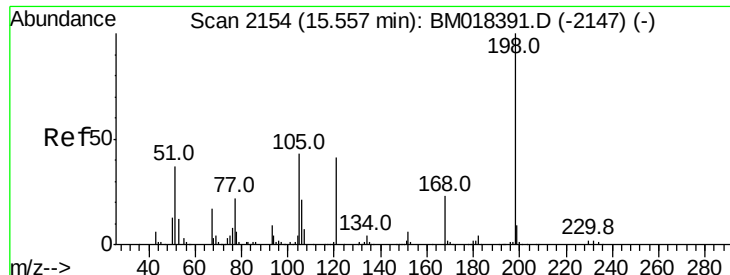


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

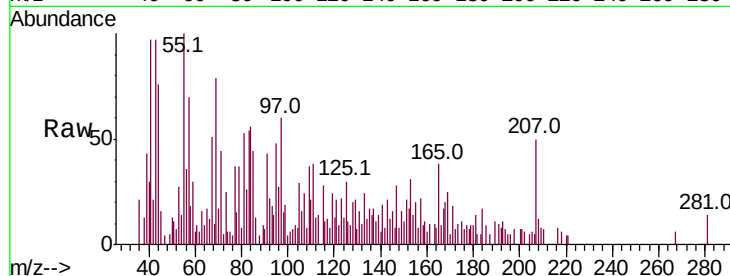




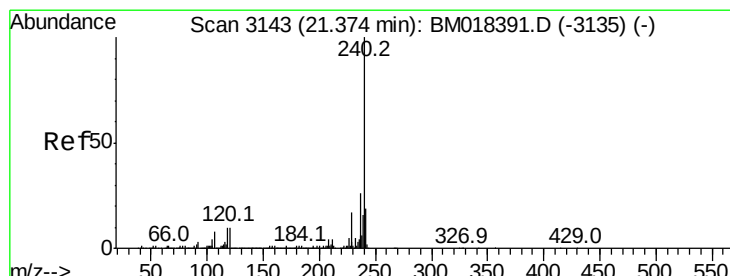
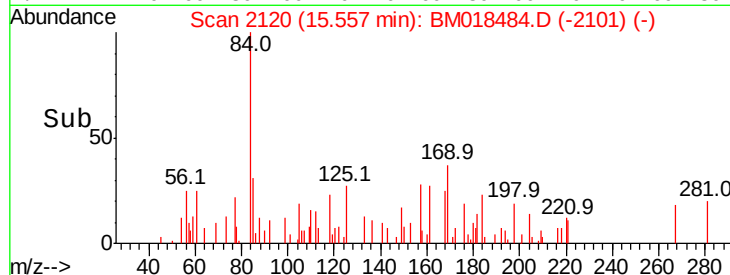
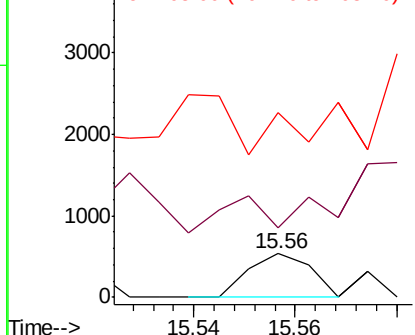
#65
4,6-Dinitro-2-methylphenol
Concen: 5.412 ng
RT: 15.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)

Tot Ion:198 Resp: 453
Ion Ratio Lower Upper
198 100
51 159.2 29.6 69.6#
105 425.8 25.5 65.5#

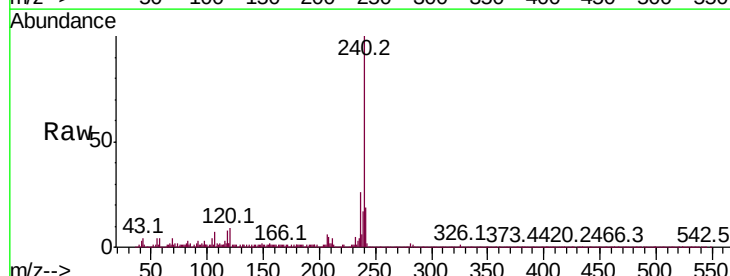


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

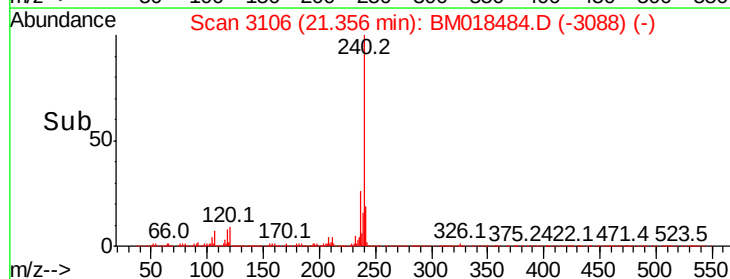
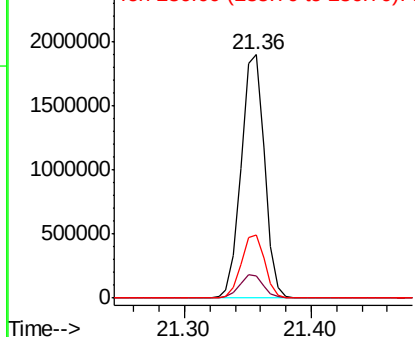


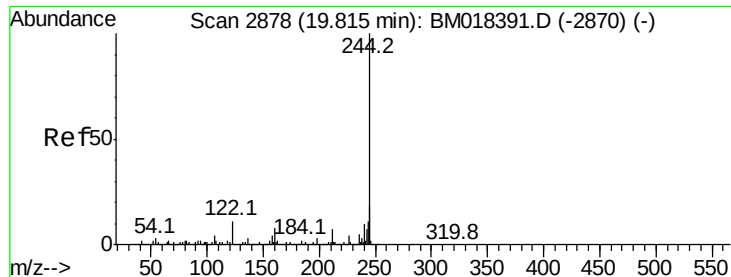
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018484.D
Acq: 09 Jan 2019 21:54

Tgt Ion:240 Resp: 2415696
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.7 20.7 31.1



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





#79

Terphenyl-d14

Concen: 75.084 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

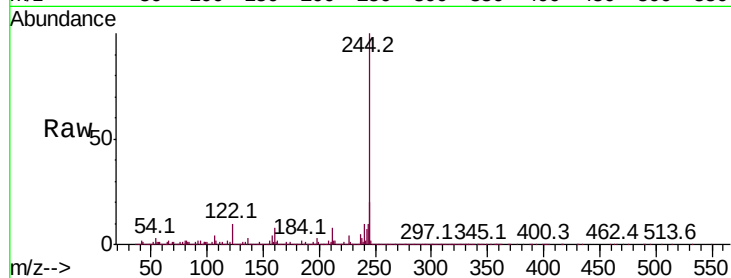
Tot Ion:244 Resp: 8604285

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

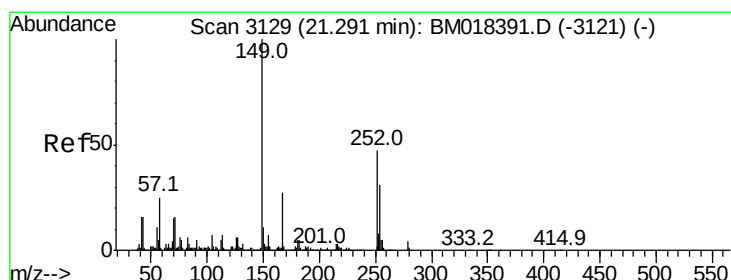
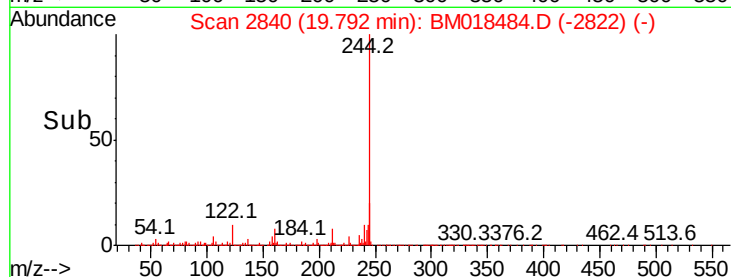
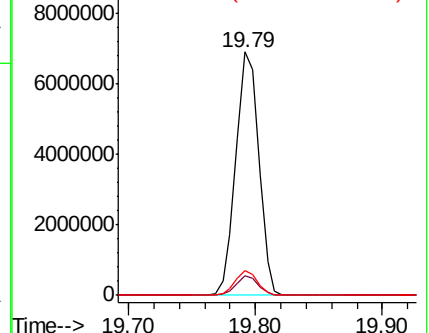
122 10.2 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.675 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

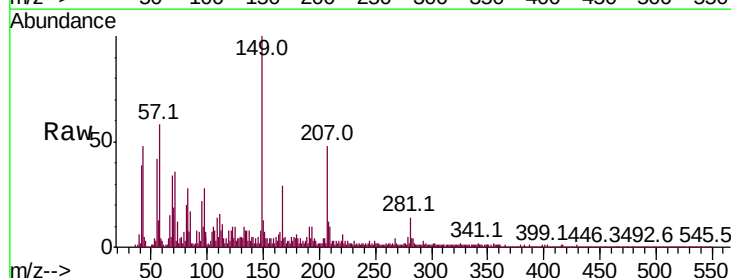
Tgt Ion:149 Resp: 236003

Ion Ratio Lower Upper

149 100

167 28.7 21.6 32.4

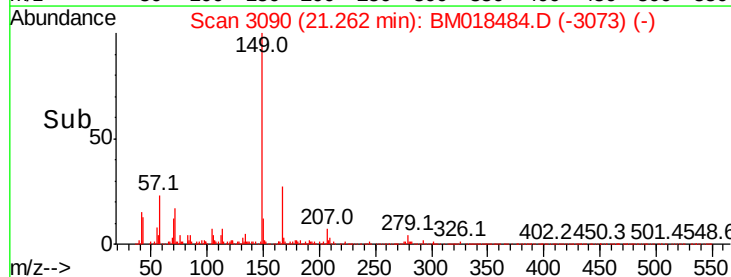
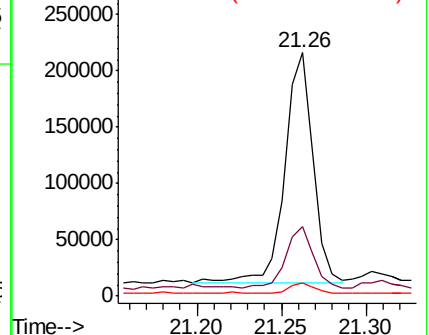
279 5.2 3.3 4.9#

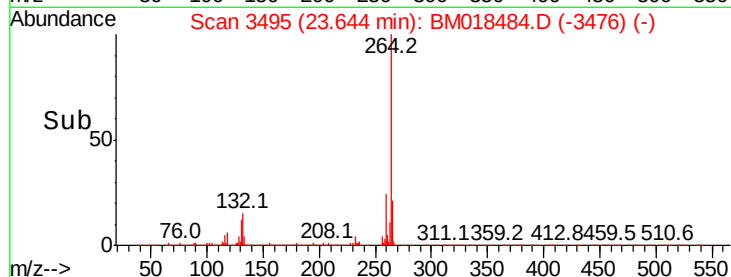
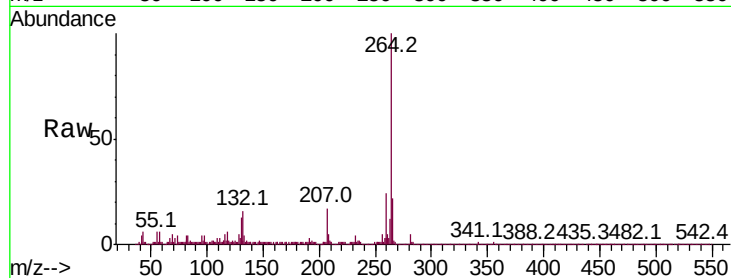
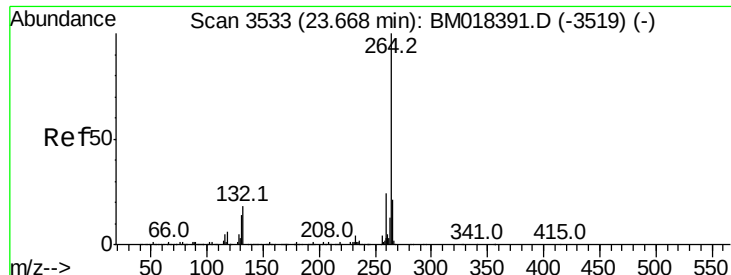


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018484.D

Acq: 09 Jan 2019 21:54

Instrument :

BNA_M

ClientSampleId :

CPSB-15(20-25)

Tot Ion:264 Resp: 2332939

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.1 16.8 25.2

